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Date: February 13, 2026
Our Ref: ARC86277
Subject: 2025 Groundwater Sampling Report
Von Roll Isola USA, Inc. (Riverview) Site
Rotterdam, New York
Site No.: 447005

Dear Ms. Lozewski,

On behalf of GE Aerospace, please find attached for your review the 2025 Groundwater Sampling Report for the Von Roll Isola USA, Inc. property (formerly GE Riverview Plant) in Rotterdam, New York (New York State Department of Environmental Conservation [NYSDEC] Site No. 447005). Should you have any questions on this report, please contact me at (518) 514-8932, or Mr. Niel Walker from GE Aerospace at niel.walker@ge.com.

Sincerely,



Doug Weeks
Project Manager

CC. Niel Walker, GE Aerospace
Andrew Gibson, Arcadis
Harolyn Hood, NYSDOH
Heath Whitfield, Elantas
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Enclosure

General Electric Company

2025 Groundwater Sampling Report

**Von Roll Isola USA, Inc. (Riverview) Site
Rotterdam, New York
Site No.: 447005**

February 2026

2025 Groundwater Sampling Report

Von Roll Isola USA Inc. (Riverview) Site

Rotterdam, New York

Site No.: 447005

February 2026

Prepared By:

Arcadis U.S., Inc.
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Clifton Park, NY, 12065
United States

Prepared For:

General Electric Company
Schenectady, New York

Our Ref:

ARC86277

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1 Introduction

The General Electric Company (GE) entered into an Order on Consent with the New York State Department of Environmental Conservation (NYSDEC) in December 2013 to investigate and remediate portions of the Von Roll Isola USA, Inc. site (the Riverview Site, or Site) located in Rotterdam, Schenectady County, New York (NYSDEC vs. GE, 2013). The Riverview Site is identified as a portion of Block 2 and Lot 2 on the Rotterdam, NY Tax Map ID #48.-2-8.2. The Site encompasses a 22.12-acre area bounded by a steep embankment and the Delaware and Hudson (D&H) Railroad to the north, Campbell Road and the Town of Rotterdam publicly owned treatment works (POTW) and Campbell Plastics to the south, residential areas to the east, and the D&H Railroad and Rotterdam Square Mall to the west. A Site Location Map is presented as **Figure 1**. A Site Plan is presented as **Figure 2**.

In February 2014, a Remedial Design/Remedial Action (RD/RA) Work Plan detailing the implementation of the remedial alternative for the Site was finalized (Conestoga Rovers & Associates [CRA] 2014). The selected remedy included the following components: in-situ chemical oxidation (ISCO) involving injections of sodium persulfate to treat volatile organic compounds (VOCs) in groundwater, post-injection groundwater monitoring to assess the performance of the injections, execution and recording of an Environmental Easement to restrict groundwater use and prevent future exposure to remaining impacts at the Site, and the development and implementation of a Site Management Plan (SMP). The first of two rounds of ISCO injections were completed in August 2014, and the second round was completed in April 2015, as detailed in the Draft Final Engineering Report (CB&I 2015). The SMP, which details the protocols for management of remaining Site impacts, is currently under review by NYSDEC (Arcadis 2017).

The groundwater sampling event conducted in 2019 constituted the final monitoring event specified under the NYSDEC-approved RD/RA Work Plan (CRA 2014). However, in the 2019 Annual Groundwater Sampling Report (Arcadis 2019), GE recommended continuation of the annual groundwater monitoring program to include a round of water level gauging at all accessible site wells and sampling at a subset of nine wells (injection wells IW-3 and IW-6, and monitoring wells VRI-1, VRI-3, VRI-4, VRI-9, GT-9R, GT-14, GT-16). Groundwater monitoring was completed at the Site in 2020 and 2021 per the recommendations presented in the 2019 report.

On September 13, 2022, GE received a letter from NYSDEC indicating their concurrence with the recommendation to continue the groundwater monitoring program and requesting that the sampling frequency be reduced to every fifth quarter to assess the potential for seasonal fluctuations in contaminant concentrations. Accordingly, additional rounds of groundwater sampling were conducted at the site in December 2022 and March 2024. This 2025 Groundwater Sampling Report (Report) presents the results of groundwater sampling conducted at the Site in June 2025 (as well as a summary of the historical groundwater data for the Site).

2 Groundwater Sampling and Analysis

The 2025 groundwater sampling event was conducted by Arcadis, on behalf of GE, on June 17 and June 18, 2025. Nine groundwater samples were collected from seven monitoring wells (VRI-1, VRI-3, VRI-4, VRI-10¹, GT-9R, GT-14, GT-16) and two injection wells (IW-3 and IW-6) for VOC analyses. The monitoring well and injection well locations are shown on **Figure 2**.

Prior to sampling, each accessible well at the Site was gauged using a water level meter, and depth to water and depth to bottom measurements were recorded to the nearest 0.01 foot from the top of the well casing. The 2025 measured groundwater elevations and potentiometric surface contours are shown in **Figure 3**.

It should be noted that monitoring well GT-10 could not be located by Arcadis in 2025. The well was previously struck and the riser pipe was observed to be bent over. Upon closer investigation during the 2025 sampling event, the well casing could not be located. It is possible that the stickup and concrete pad were moved from the original location when struck. Further investigation will be necessary in 2026 to locate and either abandon or repair GT-10.

Monitoring wells to be sampled were pumped for 30 minutes or until field parameters stabilized, whichever was longer. Sampling was performed using a QED Sample Pro MicroPurge Pump and polyethylene bonded tubing. Groundwater geochemical field parameter data were measured and recorded on field data sheets prior to sample collection. These field parameters included temperature, pH, conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity (as measured using a Horiba multi-parameter system with a flow-through cell). The water level meter and other applicable equipment was decontaminated between well locations (i.e., scrubbed using non-phosphate soap and rinsed with distilled water).

Once the field parameters stabilized, groundwater samples were collected in pre-cleaned, preserved sample containers provided by the laboratory (Eurofins in Amherst, NY). Eurofins is a National Environmental Laboratory Accreditation Program (NELAP)-certified laboratory. Quality Assurance/Quality Control (QA/QC) samples included one Matrix Spike/Matrix Spike Duplicate (MS/MSD) pair collected from IW-3, one blind field duplicate sample collected from VRI-1, one field blank, and one trip blank (prepared by Eurofins). The completed field data sheets are included in **Appendix A**. Samples were labeled, packed on ice, and delivered under chain-of-custody (COC) to Eurofins for analysis. Samples were analyzed for Target Compound List (TCL) VOCs, as well as several non-standard VOCs of interest (1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, isopropylbenzene, and n-propylbenzene), via United States Environmental Protection Agency (USEPA) Method 8260C. A copy of the COC documentation is provided in the laboratory analytical report provided in **Appendix B**.

Purge water and decontamination water was collected in a labeled 55-gallon drum and staged on-site for subsequent off-site disposal.

¹ During the 2024 sampling event VRI-9 could not be located and is presumed to have been destroyed as a result of earthwork occurring on the adjacent property owned by Go-Ahead Realty. As such, VRI-10 was selected as an alternate upgradient well to be sampled in lieu of VRI-9.

3 Groundwater Analytical Results

The analytical results for the 2025 groundwater sampling event are summarized in **Table 1** and in **Figure 4**. A copy of the complete laboratory analytical report is provided in **Appendix B**, and the data will be provided to NYSDEC electronically using the EQulS database. The groundwater data were validated by Arcadis and a Data Usability Summary Report (DUSR) was prepared and is presented in **Appendix C**. All the data are considered valid and useable.

The 2025 groundwater VOC data and the historical VOC sampling results are presented in **Figures 5 and 6**, respectively. Analytical results for VOCs were compared to the New York State Ambient Water Quality Standards and Guidance Values, as defined in the Division of Water Technical and Operational Guidance Series (TOGS 1.1.1; NYSDEC 1998). Downgradient perimeter monitoring wells GT-14, VRI-3, and VRI-4 exhibited no detections for VOCs in 2025. There were no exceedances of any individual water quality standards at monitoring wells GT-9R, GT-14, GR-16, VRI-3, VRI-4, and VRI-10. Consistent with the results from prior sampling events, the VOC compounds 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, Isopropylbenzene, n-propylbenzene, and total xylenes were detected at levels exceeding the NYS Ambient Water Quality Standards in IW-3, IW-6 and VRI-1. Ethylbenzene was also detected at concentrations exceeding the NYS Ambient Water Quality Standards in IW-3 (**Table 1**).

4 Future Activities

In accordance with the Final Supplemental Soil & Groundwater Investigation Work Plan (Arcadis 2024), the monitoring wells installed in the vicinity of well VRI-1 in July 2025 were sampled on December 17 and 18, 2025. Those sampling results are currently being reviewed and validated and will be presented to NYSDEC under separate cover, along with recommendations for additional investigation and/or monitoring as appropriate considering the entirety of the Site data (i.e., the results of the 2025 routine and supplemental groundwater sampling, as well as the results of historical sampling conducted at the Site). Consistent with NYSDEC's recommendation for sampling every fifth quarter, the next groundwater monitoring event at the Site is planned for the third quarter of 2026.

5 References

- Arcadis. 2017. Draft Site Management Plan. Prepared for GE-Corporate Environmental Programs, Von Roll Site, Schenectady, NY. September.
- Arcadis. 2019. 2019 Groundwater Sampling Report. Prepared for General Electric Company, Von Roll Site, Schenectady, NY. April.
- Arcadis. 2020. 2020 Groundwater Sampling Report. Prepared for General Electric Company, Von Roll Site, Schenectady, NY. April.
- Arcadis. 2021. 2021 Groundwater Sampling Report. Prepared for General Electric Company, Von Roll Site, Schenectady, NY. April.
- Arcadis. 2022. 2022 Groundwater Sampling Report. Prepared for General Electric Company, Von Roll Site, Schenectady, NY. November.
- Arcadis. 2024. Final Supplemental Soil & Groundwater Investigation Work Plan. Prepared for General Electric Aerospace, Von Roll Site, Schenectady, NY. August.
- Conestoga-Rovers & Associates. 2014. Remedial Design/Remedial Action Work Plan. Prepared for GE-Corporate Environmental Programs, Von Roll Site, Schenectady, NY. February.
- New York State Department of Environmental Conservation. 1998. Technical & Operational Guidance Series (TOGS) 1.1.1 - Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series. June (and subsequent amendments). Available at: <http://www.dec.ny.gov/regulations/2652.html>.
- New York State Department of Environmental Conservation. 2022. Correspondence. Site # 447005 Von Roll Isola USA Inc. GE Riverview Facility; Annual Groundwater Report - 2020 and 2021; Order on Consent #A4-0800-12-12. September 12.
- New York State Department of Environmental Conservation vs. General Electric Company. 2013. Order on Consent and Administrative Settlement, Index #4A-0800-12-12-. Site #447005. December 16.
- O'Brien & Gere Engineers, Inc. 1998. Summary Report Riverview Facility Schenectady, New York. Prepared for General Electric Company. July.

Table

Table 1
2025 Groundwater Analytical Summary
2025 Annual Groundwater Sampling Report
Von Roll Isola USA, Inc. (Riverview)
Rotterdam, New York



Location ID: Date Collected:	CAS Number	NYSDEC TOGS 1 1 1 (GW Standard)	Units	GT-9R 6/17/2025	GT-14 6/17/2025	GT-16 6/17/2025	IW-3 6/18/2025	IW-6 6/18/2025	VRI-1 6/18/2025	VRI-3 6/17/2025	VRI-4 6/17/2025	VRI-10 6/18/2025
Volatile Organics												
1,1,1-Trichloroethane	71-55-6	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	76-13-1	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	75-34-3	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	75-35-4	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	1.0 U	1.0 U	1.0 U	1600 J	6000	2800 [2700]	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	78-87-5	1	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	1.0 U	1.0 U	1.0 U	820 J	2300	1700 [1700]	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
2-Butanone (MEK)	78-93-3	50	ug/l	10 U	10 U	10 U	200 U	2000 U	1000 U [1000 U]	10 U	10 U	10 U
4-Methyl-2-Pentanone	108-10-1	- -	ug/l	5.0 U	5.0 U	5.0 U	100 U	1000 U	500 U [500 U]	5.0 U	5.0 U	5.0 U
Acetone	67-64-1	50	ug/l	10 U	10 U	10 U	200 UB	2000 U	1000 U [1000 U]	10 U	10 U	10 U
Benzene	71-43-2	1	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Bromodichloromethane	75-27-4	50	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Bromoform	75-25-2	50	ug/l	1.0 UJ	1.0 UJ	1.0 UJ	20 UJ	200 UJ	100 UJ [100 UJ]	1.0 UJ	1.0 UJ	1.0 UJ
Bromomethane	74-83-9	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Carbon Disulfide	75-15-0	60	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	56-23-5	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
CFC-11	75-69-4	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 UJ	100 UJ [100 UJ]	1.0 U	1.0 U	1.0 UJ
CFC-12	75-71-8	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Chlorobenzene	108-90-7	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	124-48-1	50	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Chloroethane	75-00-3	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Chloroform	67-66-3	7	ug/l	0.43 J	1.0 U	1.3	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Chloromethane	74-87-3	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Cyclohexane	110-82-7	- -	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Dichloromethane	75-09-2	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 UB	100 UB [100 UB]	1.0 U	1.0 U	1.0 U
Ethylbenzene	100-41-4	5	ug/l	1.0 U	1.0 U	1.0 U	32	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Isopropylbenzene	98-82-8	5	ug/l	1.0 U	1.0 U	1.0 U	77	500	130 [130]	1.0 U	1.0 U	1.0 U
Methyl Acetate	79-20-9	- -	ug/l	2.5 U	2.5 U	2.5 U	50 U	500 U	250 U [250 U]	2.5 U	2.5 U	2.5 U
Methyl N-Butyl Ketone (2-Hexanone)	591-78-6	50	ug/l	5.0 U	5.0 U	5.0 U	100 U	1000 UJ	500 UJ [500 UJ]	5.0 U	5.0 U	5.0 UJ
Methylcyclohexane	108-87-2	- -	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Methyl-tert-butylether	1634-04-4	10	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
n-Propylbenzene	103-65-1	5	ug/l	1.0 U	1.0 U	1.0 U	78	590	99 J [94 J]	1.0 U	1.0 U	1.0 U
Styrene (Monomer)	100-42-5	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Tetrachloroethene	127-18-4	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Toluene	108-88-3	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Total Xylenes	1330-20-7	5	ug/l	2.0 U	2.0 U	2.0 U	510	3700	1000 [960]	2.0 U	2.0 U	2.0 U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	1.0 U	1.0 U	1.0 U	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Trichloroethene	79-01-6	5	ug/l	1.0 U	1.0 U	4.6	20 U	200 U	100 U [100 U]	1.0 U	1.0 U	1.0 U
Vinyl chloride	75-01-4	2	ug/l	1.0 U	1.0 U	1.0 U	20 UJ	200 UJ	100 UJ [100 UJ]	1.0 U	1.0 U	1.0 UJ

See notes on page 2.

Notes:

- 1. Samples were collected by Arcadis of New York, Inc. and submitted to Eurofins Environmental Testing for analysis.
- 2. Field duplicate sample results are presented in brackets.
- 3. Gray shading and bolded text indicates detection exceeding the NYS Ambient Water Quality Standards and Guidance Values, defined in TOGS 1.1.1

Data Qualifiers:

- B - The analyte was also found in the blank and sample.
- F1 - MS and/or MSD recovery exceeds control limits.
- J - Indicates an estimated value.
- U - The analyte was not detected. The associated value is the analyte quantitation limit.
- UJ - The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

Figures

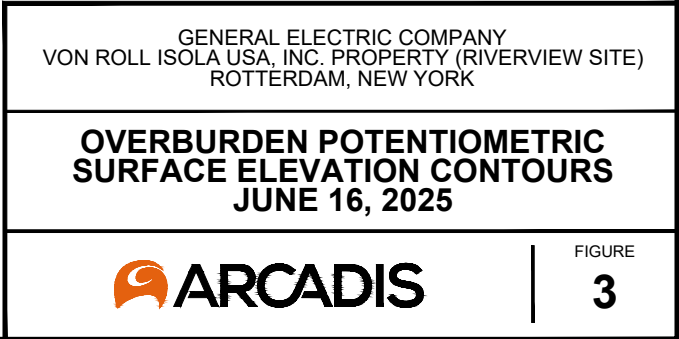


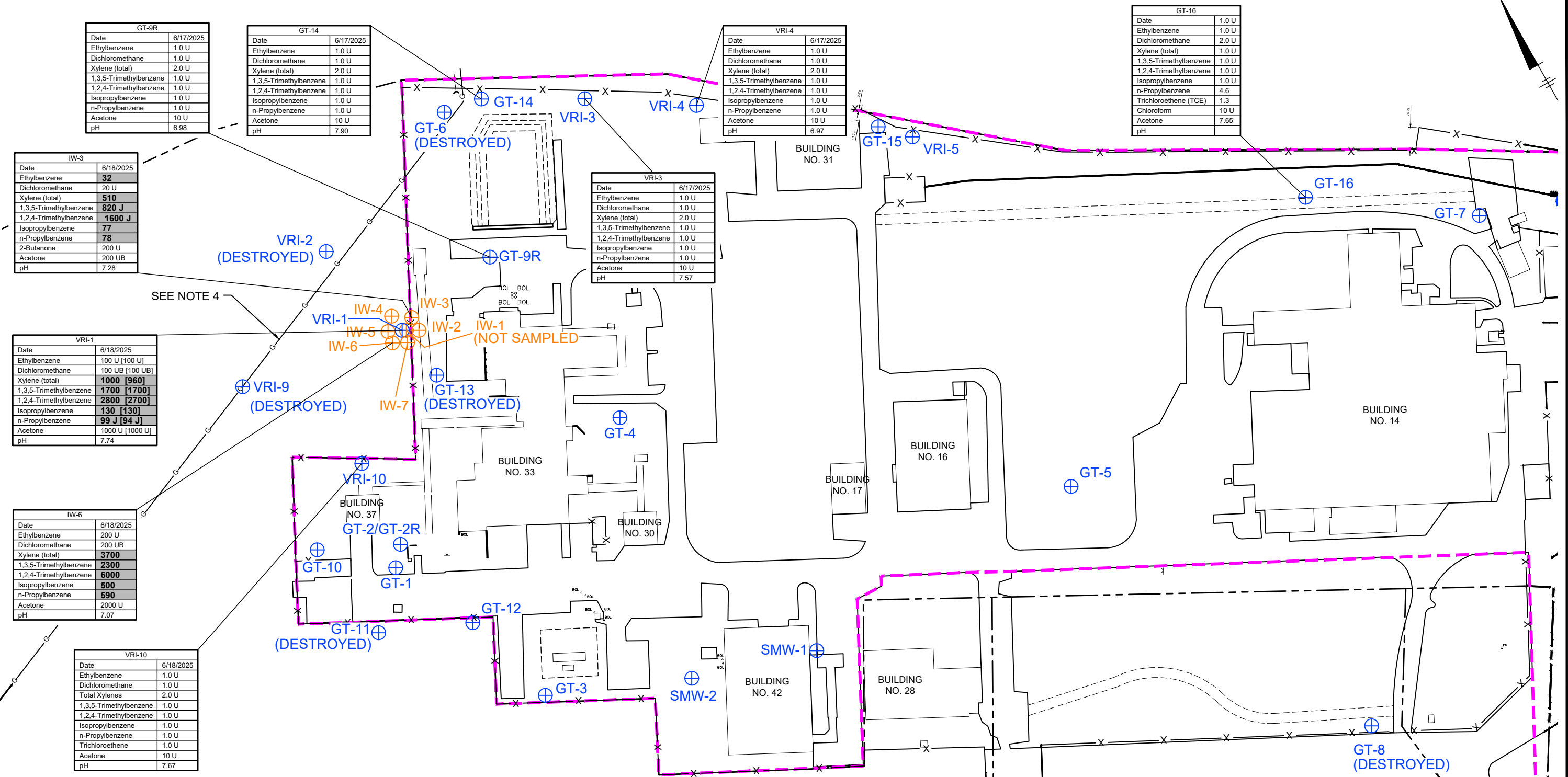
GENERAL ELECTRIC COMPANY
VON ROLL ISOLA USA, INC. PROPERTY (RIVERVIEW SITE)
ROTTERDAM, NEW YORK

SITE LOCATION MAP









NOTES:

- IN THE ANALYTICAL RESULTS, BOLD FONT AND GRAY SHADING INDICATES THAT THE DETECTED CONCENTRATION EXCEEDS THE APPLICABLE NYSDEC SCREENING CRITERIA (SEE TABLE AT RIGHT). "U" INDICATES THAT THE COMPOUND WAS NOT DETECTED. "J" INDICATES THAT THE COMPOUND WAS POSITIVELY IDENTIFIED; HOWEVER, THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY
- ONLY ANALYTICAL RESULTS FROM THE 20242 ANNUAL SAMPLING EVENT ARE SHOWN ON THIS FIGURE. SEE FIGURE 4 FOR HISTORICAL SAMPLING RESULTS.
- NEW YORK STATE AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AS DEFINED IN THE DIVISION OF WATER TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1.
- GAS LINE IS BELIEVED TO HAVE BEEN PARTIALLY OR COMPLETELY REMOVED. STATUS CURRENTLY UNCLEAR.
- MONITORING WELL VRI-2 CANNOT BE LOCATED (BURIED BENEATH LARGE PILES OF TREES AND VEGETATION CLEARED BY OTHERS) AND IS PRESUMED TO BE DESTROYED.

COMPOUND	UNITS	NYSDEC CRITERIA (SEE NOTE 3)
Ethylbenzene	ug/L	5
Dichloromethane	ug/L	5
Xylene (total)	ug/L	5
1,3,5-Trimethylbenzene	ug/L	5
1,2,4-Trimethylbenzene	ug/L	5
Isopropylbenzene	ug/L	5
n-Propylbenzene	ug/L	5
Trichloroethene (TCE)	ug/L	5
Acetone	ug/L	50

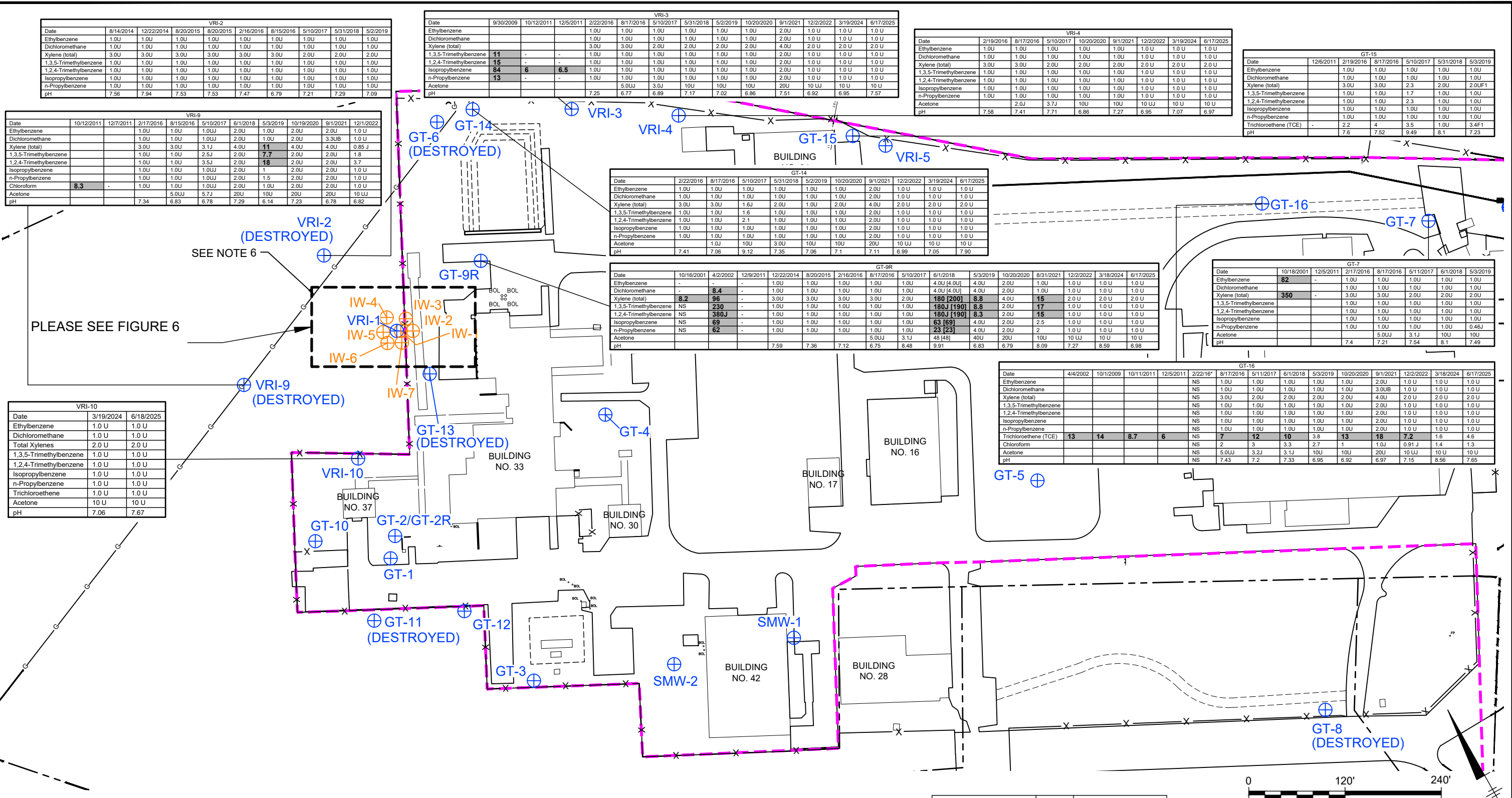
GENERAL ELECTRIC COMPANY
VON ROLL ISOLA USA, INC. PROPERTY (RIVERVIEW SITE)
ROTTERDAM, NEW YORK

**2025 GROUNDWATER SAMPLING
ANALYTICAL RESULTS
- SELECT VOCs**



FIGURE

4



LEGEND:

- APPROXIMATE VON ROLL ISOLA USA, INC. PROPERTY BOUNDARY
- PROPERTY BOUNDARY LINE
- X CHAIN LINK FENCE
- BUILDING
- G GAS
- ⊕ GROUNDWATER MONITOR

IW-4										
Date	12/18/2014	12/18/2014	8/20/2015	2/17/2016	8/16/2016	5/9/2017	6/1/2018	5/2/2019		
Ethylbenzene	50U	50U	5.0U	5.0U	1.0U	50U	40U	10U		
Dichloromethane	50U	50U	5.0U	5.0U	1.0U	50UB	40U	10U		
Xylene (total)	1850	1840	74	200	3.0U	190	540	55		
1,3,5-Trimethylbenzene	3600	3400	560	720	11	1600J	2800	330		
1,2,4-Trimethylbenzene	6400	6300	47	640	1	930	4000	460		
Isopropylbenzene	380	380	5.0U	6.5	1.0U	300	280	24		
n-Propylbenzene	400	400	5.0U	5.0U	1.0U	300	310	28		
Acetone					4.0J	500UJ	400U	100U		
pH	10	10	6.67	11.1	9.17	11.26	7.43	7.05		

IW-5										
Date	12/18/2014	8/21/2015	2/18/2016	8/16/2016	5/9/2017	6/1/2018	5/2/2019			
Ethylbenzene	100U	50U	50U	2	25U	20U	20U			
Dichloromethane	100U	50U	50U	1.0U	25U	20U	20U			
Xylene (total)	3510	4260	2980	1700D	790	350	200			
1,3,5-Trimethylbenzene	4100	3400	4400	2800D	1300	560	490			
1,2,4-Trimethylbenzene	8600	6500	8800	5000D	1500	770	580			
Isopropylbenzene	420	300	520	160	120	50	18J			
n-Propylbenzene	520	300	580	110	86	53	17J			
Acetone				10J	250U	200U	200U			
pH	13.25	4.81	12.07	10.1	9.64	7.6	7.05			

IW-3														
Date	12/18/2014	8/20/2015	2/17/2016	2/17/2016	8/16/2016	5/9/2017	6/1/2018	5/1/2019	10/19/2020	9/1/2021	12/2/2022	3/19/2024	6/18/2025	
Ethylbenzene	20U	20U	20U	20U	3	100UJ [100UJ]	40U	4.0U	2.0U	2.0U	5.0U	1.0U	20 U	32
Dichloromethane	20U	20U	20U	20U	1.0U	100UBJ [100UBJ]	40U	2.0J	2.0U	5.3UB	5.0 U	1.0 U	20 U	
Xylene (total)	672	842	1710	1810	1100D	1600J [1600J]	750	100	9.4	14	450	11 J	510	
1,3,5-Trimethylbenzene	1700	1600	3300	3400	1700D	2400J [2300J]	2100	280	67	360D	940 D	24 J	820 J	
1,2,4-Trimethylbenzene	1600	1600	3100	3300	1600D	3500J [3500J]	2200	250	25	23	1500 D	29 J	1600 J	
Isopropylbenzene	110	55	170	170	110	160J [150J]	70	12	8.4	48	26	1.0 U	77	
n-Propylbenzene	92	54	170	170	93	160J [150J]	7200	15	7.7	60	14	1.0 U	78	
2-Butanone					2.0J	1000UJ [1000UJ]	400U	40U	20U	20U	5.0 U	10 U	200 U	
Acetone						1000UJ [1000UJ]	400U	40U	20U	11J	20 J	10 U	200 UB	
pH	8.51	9.59	9.2	9.2	11.3	10.49	9.9	8.97	7.47	7.19	7.03	6.59	7.28	

IW-1									
Date	8/14/2014	12/22/2014	8/20/2015	2/18/2016	8/16/2016	5/9/2017	5/31/2018		
Ethylbenzene	50U	50U	5.0U	1.0U	1.0U	20U	10U		
Dichloromethane	50U	50U	5.0U	1.0U	1.0U	20U	10U		
Xylene (total)	2560	470	343	43.5	97	530	130		
1,3,5-Trimethylbenzene	3100	620	220	24	87	620	250		
1,2,4-Trimethylbenzene	5600	980	500	61	150	1200	480		
Isopropylbenzene	270	85	42	4.1	4	36	17		
n-Propylbenzene	230	93	49	5.9	4	39	20		
pH	7.12	12.93	8.5	8.31	7.36	7.19	7.16		

IW-2									
Date	12/18/2014	8/20/2015	2/16/2016	8/16/2016	5/9/2017	5/31/2018	5/1/2019		
Ethylbenzene	10U	10U	10U	14	1.8	8.4J	10U		
Dichloromethane	10U	10U	10U	1.0U	1.0U	10U	4.9J		
Xylene (total)	39	65	76	880D	47	780	610		
1,3,5-Trimethylbenzene	80	120	100	720D	83	470	220		
1,2,4-Trimethylbenzene	47	110	100	1100D	63	920	420		
Isopropylbenzene	10U	10U	22	130	16	130	37J		
n-Propylbenzene	10U	10U	19	190	9.2	160	36		
2-Butanone				11.0J	1.6J	100U	100U		
Acetone				310DJ	21	32.0J	100U		
Toluene	2			1.0U	10U	10U			
pH	8.23	9.31	7.42	10.99	10.14	9.23	7.14		

IW-7									
Date	12/22/2014	8/21/2015	2/18/2016	8/16/2016	5/9/2017	5/31/2018	5/1/2019		
Ethylbenzene	1.0U	1.0U	1.0U	1	5.0U	8.0U	13		
Dichloromethane	1.0U	1.0U	1.0U	1.0U	5.0U	8.0U	7.1J		
Xylene (total)	78	42.1	13	94	220	190	2000		
1,3,5-Trimethylbenzene	70	31	26	140	260	330	1300		
1,2,4-Trimethylbenzene	130	39	7	48	300	270	2100		
Isopropylbenzene	12	6.7	1.0U	44	9.3	8.0U	98		
n-Propylbenzene	8.1	6.7	1.0U	30	6.3	8.0U	80		
Acetone				6.0J	15J	80U	100U		
pH	8.33	4.42	7.61	7.16	7.06	7.27	7.18		

IW-6														
Date	12/22/2014	8/21/2015	2/19/2016	8/16/2016	5/9/2017	6/1/2018	5/1/2019	10/19/2020	9/1/2021	12/1/2022	3/19/2024	6/18/2025		
Ethylbenzene	10	10U	10U	2.0 [2.0]	50U	40U	37J	200U	200U	200 U	150 J	200 U		
Dichloromethane	10U	10U	10U	1.0U [1.0U]	50UB	40U	40U	200U	260UB	200 U	200 U	200 UB		
Xylene (total)	1160	504	295	380 [390]	2000	710	6600	8500J	3200	9300	9700	3700		
1,3,5-Trimethylbenzene	860	500	380	260D [340D]	1200	1800	4000	4600	2200	4300	4000	2300		
1,2,4-Trimethylbenzene	1600	720	300	280D [370D]	2000	1600	7200	12000	4500	11000	11000	6000		
Isopropylbenzene	110	81	94	21 [22]	250	220	510	840	280	860	830	500		
n-Propylbenzene	120	90	120	21 [21]	310	290	540	910	290	1000	1000	590		
Acetone				3.0J [3.0J]	500U	400U	400U	2000U	2000U	2000 UJ	2000 U	2000 U		
pH	11.8	4.26	9.95	7.96	9.32	7.48	7.9	7.12	2.64	7.3	6.18	7.07		

VRI-1														
Date	10/18/2001	4/2/2002	10/5/2009	12/22/2009	10/12/2011	12/7/2011	8/14/2014	12/22/2014	8/21/2015	2/18/2016	8/16/2016	5/9/2017	6/1/2018	5/1/2019
Ethylbenzene	-	-	-	18	-	-	8.4J	50U	50U	10U	1.0U	1.0U	1.0U	1.0U
Dichloromethane	-	50U	380J	-	-	-	9.1J	50U	50U	30U	3.0U	36	260	2.0U
Xylene (total)	670	880J/510J	8700	3100	3700	3800	1930	68	30U	3.0U	3.0U	13	600 [610]	40 [48]
1,3,5-Trimethylbenzene	NS	510/370	5400	1500	3200	2500	3100	290	16	1.0U	260D	130	1.0U	1.8
1,2,4-Trimethylbenzene	NS	1500/1100	14000	3700	6200	4900	5800	240	10U	1.0U	41	97	1.0U	1.8
Isopropylbenzene	NS	85J/39J	820	250	110J	89	160	50U	10U	1.0U	130	9	1.0U	1.3
n-Propylbenzene	NS	110J/940J	870	230	-	53	150	50U	10U	1.0U	86	5.6	1.0U	1.1
Acetone								2.0J	50U	10U	10U	200U [200U]	80UJ [200U]	370 J [340 J]
pH							7.03	9.1	6.68	7.63	7.1	7.04	6.93	7.1

LEGEND:

- APPROXIMATE VON ROLL ISOLA USA, INC. PROPERTY BOUNDARY
- - - PROPERTY BOUNDARY LINE
- X CHAIN LINK FENCE
- BUILDING
- G GAS
- ⊕ GROUNDWATER MONITORING WELL
- ⊕ ISCO INJECTION WELL

NOTES:

- HISTORICAL RESULTS ARE TAKEN FROM FIGURE 2.2 BY CONESTOGA-ROVERS & ASSOCIATES. ONLY RESULTS FROM SAMPLING EVENTS WITH DETECTIONS AND/OR THE MOST RECENT HISTORICAL SAMPLING EVENT ARE SHOWN.
- FROM THE HISTORICAL RESULTS, "-" IS ASSUMED TO INDICATE NO DETECTIONS. BLANKS ARE ASSUMED TO INDICATE THAT THE SAMPLE WAS NOT ANALYZED FOR THOSE COMPOUNDS. "NS" IS ASSUMED TO INDICATE THAT NO SAMPLE WAS COLLECTED. PROVIDED DATES ARE DATE SAMPLED.
- "GT-16 WAS INACCESSIBLE DUE TO A WELL OBSTRUCTION AND NOT SAMPLED DURING THE FEBRUARY 2016 SAMPLING EVENT.
- IN THE ANALYTICAL RESULTS, BOLD FONT AND GRAY SHADING INDICATES THAT THE DETECTED CONCENTRATION EXCEEDS THE APPLICABLE NYSDEC SCREENING CRITERIA (SEE TABLE AT RIGHT). "U" INDICATES THAT THE COMPOUND WAS NOT DETECTED. "B" INDICATES THAT THE COMPOUND HAS BEEN FOUND IN THE SAMPLE AS WELL AS ITS ASSOCIATED BLANK, ITS PRESENCE IN THE SAMPLE MAY BE SUSPECT. "D" INDICATES THAT CONCENTRATION IS BASED ON A DILUTED SAMPLE ANALYSIS. "J" INDICATES THAT THE COMPOUND WAS POSITIVELY IDENTIFIED; HOWEVER, THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY.
- NEW YORK STATE AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AS DEFINED IN THE DIVISION OF WATER TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1.
- GAS LINE IS BELIEVED TO HAVE BEEN PARTIALLY OR COMPLETELY REMOVED. STATUS CURRENTLY UNCLEAR.
- MONITORING WELL VRI-2 CANNOT BE LOCATED (BURIED BENEATH LARGE PILES OF TREES AND VEGETATION CLEARED BY OTHERS) AND IS PRESUMED TO BE DESTROYED.

COMPOUND	UNITS	NYSDEC CRITERIA (SEE NOTE 5)
Ethylbenzene	ug/L	5
Dichloromethane	ug/L	5
Xylene (total)	ug/L	5
1,3,5-Trimethylbenzene	ug/L	5
1,2,4-Trimethylbenzene	ug/L	5
Isopropylbenzene	ug/L	5
n-Propylbenzene	ug/L	5
Trichloroethene (TCE)	ug/L	5
Chloroform	ug/L	7
2-Butanone	ug/L	50
Acetone	ug/L	50
Toluene	ug/L	5
pH	ug/L	5

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
VON ROLL ISOLA USA, INC. PROPERTY (RIVERVIEW SITE)
ROTTERDAM, NEW YORK

HISTORICAL GROUNDWATER
SAMPLING ANALYTICAL RESULTS
- SELECT VOCs (VRI-1 AREA WELLS)



FIGURE

6

Appendix A

Groundwater Sampling Event Field Data Sheets



Water Level Measurement Form

Project Name: GE Riverview

Project Number: 30006483

Field Personnel: A. Gibson & A. Fennelly

Date: 6/16/2025

Weather: 64 F, Partly Cloudy

gallon/foot	2" = 0.16	3" = 0.37	4" = 0.65
	2-½" = 0.26	3-½" = 0.50	6" = 1.47

Well ID	Time	DTB (ft)	DTW (ft)	Notes
VRI-9	--	--	--	Destroyed/Missing
IW-6	1033	70.52	62.68	
VRI-1	1031	69.87	63.38	
IW-3	1029	71.02	63.22	
VRI-10	0954	72.18	63.44	
GT-10	--	--	--	Destroyed
G2-2R	0951	67.85	63.01	
GT-1	0949	65.95	61.62	
GT-13	--	--	--	Destroyed
SMW-2	0946	71.51	64.73	
SMW-1	0938	72.09	62.60	
GT-5	0930	57.32	51.54	
VRI-7	1124	52.84	50.02	
VRI-6	0918	74.94	73.1	
GT-7	0914	67.98	56.72	
GT-16	0910	76.82	69.07	
GT-15	0904	77.09	70.32	
GT-9R	1026	66.64	62.27	
VRI-4	0907	77.31	71.93	
VRI-3	0900	78.23	69.77	
GT-14	0858	73.21	64.03	
VRI-2	--	--	--	Destroyed
GT-12	1049	66.81	60.04	
GT-3	0948	67.83	60.32	
GT-4	1131	69.01	60.10	

Notes:

None

Groundwater Sampling Form

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Project No.	<u>30006483</u>	Well ID	<u>GT-9R</u>	Date	<u>6/17/2025</u>
Project Name/Location	<u>GE Riverview / Schenectady, NY</u>			Weather	<u>70s, cloudy</u>
Measuring Pt. Description	<u>TIC</u>	Screen Setting (ft-bmp)	<u>-</u>	Casing Diameter (in.)	<u>2</u>
		Static Water Level (ft-bmp)	<u>62.27</u>	Water Column in Well	<u>4.36</u>
Total Depth (ft-bmp)	<u>66.63</u>	Pump Intake (ft-bmp)	<u>64.30</u>	Purge Method:	
Calc.Gallons Purged	<u>2.64</u>	MP Elevation	<u>-</u>	Centrifugal	
Gallons Purged	<u>2.5</u>	Replicate/ Code No.	<u>-</u>	Submersible	
Sample Time:	<u>1101</u>			Disp. Bailer	
				Other	<u>Bladder</u>
				Gallons in Well	<u>0.70</u>
				Sample Method	<u>Low Flow</u>
				Pump On/Off	<u>1010/1106</u>
				Sampled by	<u>A. Gibson</u>

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft) TOC	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
1015	5	200	62.34	0.264	6.89	0.873	83.1	8.14	13.31	187	Cloudy	None
1020	10	200	62.47	0.528	6.88	0.871	72.1	7.39	13.48	190	Cloudy	None
1025	15	200	62.53	0.7922	7.01	0.889	54.3	6.58	13.56	191	Cloudy	None
1030	20	200	62.52	1.0563	6.97	0.889	38.5	6.71	13.58	187	Clear	None
1035	25	200	62.52	1.3205	6.95	0.888	26.1	6.65	13.54	186	Clear	None
1040	30	200	62.52	1.5847	6.91	0.888	20.3	6.6	13.55	186	Clear	None
1045	35	200	62.52	1.8489	6.93	0.887	19.1	6.59	13.53	193	Clear	None
1050	40	200	62.52	2.113	6.94	0.886	10.3	6.63	13.54	198	Clear	None
1055	45	200	62.52	2.3772	6.95	0.886	10.1	6.67	13.53	204	Clear	None
1100	50	200	62.52	2.6414	6.98	0.886	9.8	6.65	13.54	208	Clear	None

Constituents Sampled	Container	Number	Preservative
VOCs 8260	40 ml VOA	3	HCl

Well Information			
Well Location:	<u>Asphalt, N. of Building 33</u>	Well Locked at Arrival:	<u>Yes</u> / <u>No</u>
Condition of Well:	<u>Good</u>	Well Locked at Departure:	<u>Yes</u> / <u>No</u>
Well Completion:	<u>Flush Mount</u> / <u>Stick Up</u>	Key Number To Well:	<u>-</u>

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Form

Page 1 of 1

Project No.	<u>30006483</u>	Well ID	<u>GT-14</u>	Date	<u>6/17/2025</u>
Project Name/Location	<u>GE Riverview / Schenectady, NY</u>			Weather	<u>70s, Cloudy</u>
Measuring Pt. Description	<u>TIC</u>	Screen Setting (ft-bmp)	<u>-</u>	Casing Diameter (in.)	<u>2</u>
		Static Water Level (ft-bmp)	<u>63.99</u>	Water Column in Well	<u>9.22</u>
Total Depth (ft-bmp)	<u>73.21</u>	Pump Intake (ft-bmp)	<u>68.60</u>	Purge Method:	
Calc.Gallons Purged	<u>2.64</u>	MP Elevation	<u>-</u>	Centrifugal	<u></u>
Gallons Purged	<u>2.5</u>	Replicate/ Code No.	<u>-</u>	Submersible	<u></u>
Sample Time:	<u>1514</u>			Disp. Bailer	<u></u>
				Other	<u>Bladder</u>
				Gallons in Well	<u>1.48</u>
				Sample Method	<u>Low Flow</u>
				Pump On/Off	<u>1423 / 1516</u>
				Sampled by	<u>A. Gibson</u>

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft) TOC	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
1428	5	200	64.01	0.264	7.03	0.691	176	11.12	14.31	123	Cloudy	None
1433	10	200	64.01	0.528	7.12	0.712	159	10.32	14.65	143	Cloudy	None
1438	15	200	64.02	0.792	7.24	0.723	152	10.11	14.89	151	Cloudy	None
1443	20	200	64.02	1.056	7.35	0.734	143	9.83	15.13	163	Cloudy	None
1448	25	200	64.02	1.32	7.48	0.741	140	9.31	15.65	165	Cloudy	None
1453	30	200	64.02	1.584	7.54	0.751	139	8.91	15.93	180	Cloudy	None
1458	35	200	64.02	1.848	7.69	0.742	137	8.63	16.25	185	Cloudy	None
1503	40	200	64.02	2.112	7.85	0.764	136	8.51	16.71	199	Cloudy	None
1508	45	200	64.02	2.376	7.87	0.768	142	8.61	16.76	201	Cloudy	None
1513	50	200	64.02	2.64	7.90	0.765	140	8.67	16.79	204	Cloudy	None

Constituents Sampled	Container	Number	Preservative
VOCs 8260	40 ml VOA	3	HCl

Well Information			
Well Location:	<u>Along Fence, northern corner of Site</u>	Well Locked at Arrival:	<u>Yes</u> / <u>No</u>
Condition of Well:	<u>Good</u>	Well Locked at Departure:	<u>Yes</u> / <u>No</u>
Well Completion:	<u>Flush Mount</u> / <u>Stick Up</u>	Key Number To Well:	<u>-</u>

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Form

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Project No.	<u>30006483</u>	Well ID	<u>GT-16</u>	Date	<u>6/17/2025</u>
Project Name/Location	<u>GE Riverview / Schenectady, NY</u>			Weather	<u>70s, cloudy</u>
Measuring Pt.	Screen	Casing	Well Material		
Description	TIC	Setting (ft-bmp)	-	Diameter (in.)	<u>2</u>
					☒ PVC
					☐ SS
					☐ Other
Total Depth (ft-bmp)	<u>76.82</u>	Static Water Level (ft-bmp)	<u>68.78</u>	Water Column in Well	<u>8.04</u>
				Gallons in Well	<u>1.29</u>
Calc.Gallons Purged	<u>3.696</u>	Pump Intake (ft-bmp)	<u>72.80</u>	Purge Method:	
				Centrifugal	☐
Gallons Purged	<u>4</u>	MP Elevation	<u>-</u>	Submersible	☐
Sample Time:	<u>1705</u>			Disp. Bailer	☐
		Replicate/Code No.	<u>-</u>	Other	<u>Bladder</u>
				Pump On/Off	<u>1554 / 1708</u>
				Sampled by	<u>A. Gibson</u>

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft) TOC	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
1559	5	200	68.83	0.264	7.53	0.876	235	8.12	16.58	8	Cloudy	None
1604	10	200	68.95	0.528	7.58	0.891	187	6.93	16.81	17	Cloudy	None
1609	15	200	69.09	0.792	7.6	0.904	141	6.12	17.03	23	Cloudy	None
1614	20	200	69.21	1.056	7.62	0.912	115	5.25	17.18	31	Cloudy	None
1619	25	200	69.37	1.32	7.61	0.950	91.3	4.83	16.07	3	Cloudy	None
1624	30	200	69.38	1.584	7.62	0.986	56.0	2.63	15.63	-19	Cloudy	None
1629	35	200	69.38	1.848	7.63	0.993	48.5	3.13	15.63	-21	Cloudy	None
1634	40	200	69.38	2.112	7.62	1.01	38.9	2.89	15.63	-32	Clear	None
1639	45	200	69.38	2.376	7.63	1.03	30.2	2.93	15.59	-42	Clear	None
1644	50	200	69.38	2.64	7.64	1.04	27.8	2.99	15.56	-47	Clear	None
1649	55	200	69.38	2.904	7.65	1.06	24.2	3.03	15.53	-50	Clear	None
1654	60	200	69.38	3.168	7.65	1.07	20.3	2.47	15.44	-35	Clear	None
1659	65	200	69.38	3.432	7.65	1.07	21.3	2.49	15.47	-35	Clear	None
1704	70	200	69.38	3.696	7.65	1.08	19.9	2.53	15.42	-38	Clear	None

Constituents Sampled	Container	Number	Preservative
VOCs 8260	40 ml VOA	3	HCl

Well Information

Well Location:	<u>Along road, north side</u>	Well Locked at Arrival:	<u>Yes</u> / <u>No</u>
Condition of Well:	<u>Good</u>	Well Locked at Departure:	<u>Yes</u> / <u>No</u>
Well Completion:	<u>Flush Mount</u> / <u>Stick Up</u>	Key Number To Well:	<u>-</u>

NOTES:

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Form

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Project No. <u>30006483</u>	Well ID <u>IW-3</u>	Date <u>6/18/2025</u>
Project Name/Location <u>GE Riverview / Schenectady, NY</u>		Weather <u>70s, cloudy</u>
Measuring Pt. Description <u>TIC</u>	Screen Setting (ft-bmp) <u>-</u>	Casing Diameter (in.) <u>2</u>
	Static Water Level (ft-bmp) <u>65.71</u>	Well Material <u>X</u> PVC <u> </u> SS <u> </u> Other
Total Depth (ft-bmp) <u>71.02</u>	Pump Intake (ft-bmp) <u>68.37</u>	Water Column in Well <u>5.31</u>
Calc. Gallons Purged <u>2.112</u>	MP Elevation <u>-</u>	Gallons in Well <u>0.85</u>
Gallons Purged <u>2</u>	Replicate/Code No. <u>-</u>	Purge Method: <u>Centrifugal</u> <u>Submersible</u> <u>Disp. Bailer</u> <u>Other</u> <u>Bladder</u>
Sample Time: <u>1358</u>		Sample Method <u>Low Flow</u>
		Pump On/Off <u>1317 / 1401</u>
		Sampled by <u>A. Gibson</u>

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft) TOC	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
1322	5	200	65.73	0.264	7.73	1.19	14.5	2.81	13.59	-134	Clear	Floral
1327	10	200	65.73	0.528	7.68	1.19	12.8	2.71	135.3	-130	Clear	Floral
1332	15	200	65.74	0.792	7.54	1.19	11.1	2.65	13.54	-126	Clear	Floral
1337	20	200	65.74	1.056	7.5	1.19	10.2	2.91	13.49	-125	Clear	Floral
1342	25	200	65.74	1.32	7.4	1.19	9.5	2.8	13.46	-120	Clear	Floral
1347	30	200	65.74	1.584	7.35	1.19	8.9	2.99	13.4	-119	Clear	Floral
1352	35	200	65.74	1.848	7.29	1.19	9.2	3.04	13.48	-117	Clear	Floral
1357	40	200	65.75	2.112	7.28	1.19	8.6	3.12	13.37	-116	Clear	Floral

Constituents Sampled	Container	Number	Preservative
VOCs 8260	40 ml VOA	9	HCl

Well Information			
Well Location: <u>Outside of fence</u>	Well Locked at Arrival: <u>Yes</u> / <u>No</u>		
Condition of Well: <u>Good</u>	Well Locked at Departure: <u>Yes</u> / <u>No</u>		
Well Completion: <u>Flush Mount</u> / <u>Stick Up</u>	Key Number To Well: <u>-</u>		

NOTES: MS/MSD collected here

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Form

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Project No. <u>30006483</u>		Well ID <u>VRI-3</u>		Date <u>6/17/2025</u>	
Project Name/Location <u>GE Riverview / Schenectady, NY</u>				Weather <u>70s, Cloudy</u>	
Measuring Pt. Description	<u>TIC</u>	Screen Setting (ft-bmp)	<u>-</u>	Casing Diameter (in.)	<u>2</u>
				Well Material	<u>X</u> PVC <u> </u> SS <u> </u> Other
Total Depth (ft-bmp)	<u>78.23</u>	Static Water Level (ft-bmp)	<u>69.37</u>	Water Column in Well	<u>8.86</u>
Calc. Gallons Purged	<u>2.376</u>	Pump Intake (ft- bmp)	<u>73.80</u>	Purge Method:	
Gallons Purged	<u>2.5</u>	MP Elevation	<u>-</u>	Centrifugal	<u> </u>
Sample Time:	<u>1341</u>	Replicate/ Code No.	<u>-</u>	Submersible	<u> </u>
				Disp. Bailer	<u> </u>
				Other	<u>Bladder</u>
				Pump On/Off	<u>1255 / 1344</u>
				Sampled by	<u>A. Gibson</u>

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft) TOC	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
1300	5	200	69.78	0.264	7.5	0.696	146	7.44	16.11	210	Cloudy	None
1305	10	200	69.95	0.528	7.45	0.713	102	6.51	15.25	210	Cloudy	None
1310	15	200	70.15	0.792	7.39	0.725	98.5	4.32	14.71	206	Cloudy	None
1315	20	200	70.78	1.056	7.30	0.741	63.7	3.08	14.13	208	Clear	None
1320	25	200	71.12	1.32	7.26	0.769	49.7	2.99	14.04	209	Clear	None
1325	30	200	71.28	1.584	7.42	0.78	44.6	2.91	13.9	209	Clear	None
1330	35	200	71.51	1.848	7.51	0.791	20.3	2.21	13.95	192	Clear	None
1335	40	200	71.5	2.112	7.54	0.793	19.9	2.17	14.12	187	Clear	None
1340	45	200	71.53	2.376	7.57	0.795	19.2	2.25	14.16	186	Clear	None

Constituents Sampled	Container	Number	Preservative
VOCs 8260	40 ml VOA	3	HCl

Well Information			
Well Location:	<u>Along fence, north of Building 31</u>	Well Locked at Arrival:	<u>Yes</u> / <u>No</u>
Condition of Well:	<u>Good</u>	Well Locked at Departure:	<u>Yes</u> / <u>No</u>
Well Completion:	<u>Flush Mount</u> / <u>Stick Up</u>	Key Number To Well:	<u>-</u>

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Form

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Project No. <u>30006483</u>		Well ID <u>VRI-4</u>		Date <u>6/17/2025</u>	
Project Name/Location <u>GE Riverview / Schenectady, NY</u>				Weather <u>70s, Cloudy</u>	
Measuring Pt. Description	<u>TIC</u>	Screen Setting (ft-bmp)	<u>-</u>	Casing Diameter (in.)	<u>2</u>
				Well Material	<u>X</u> PVC <u> </u> SS <u> </u> Other
Total Depth (ft-bmp)	<u>77.31</u>	Static Water Level (ft-bmp)	<u>71.85</u>	Water Column in Well	<u>5.46</u>
Calc.Gallons Purged	<u>3.696</u>	Pump Intake (ft- bmp)	<u>74.58</u>	Purge Method:	
Gallons Purged	<u>3.5</u>	MP Elevation	<u>-</u>	Centrifugal	<u> </u>
Sample Time:	<u>1231</u>	Replicate/ Code No.	<u>-</u>	Submersible	<u> </u>
				Disp. Bailer	<u> </u>
				Other	<u>Bladder</u>
				Pump On/Off	<u>1120 / 1234</u>
				Sampled by	<u>A. Gibson</u>

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft) TOC	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
1125	5	200	71.78	0.264	6.63	0.849	1000	11.17	15.86	221	Brown	None
1130	10	200	71.95	0.528	6.68	0.851	1000	8.51	15.81	218	Brown	None
1135	15	200	72.32	0.792	6.72	0.853	1000	8.42	15.71	214	Brown	None
1140	20	200	72.40	1.056	6.85	0.859	1000	8.5	15.6	209	Brown	None
1145	25	200	72.44	1.32	6.93	0.861	1000	8.57	15.51	204	Brown	None
1150	30	200	74.47	1.584	7.05	0.868	1000	8.62	15.38	200	Brown	None
1155	35	200	74.48	1.848	7.03	0.670	1000	8.59	15.37	206	Brown	None
1200	40	200	74.50	2.112	7.00	0.872	871	8.61	15.34	220	Cloudy	None
1205	45	200	74.52	2.376	6.98	0.884	531	8.56	15.31	218	Cloudy	None
1210	50	200	74.54	2.64	6.95	0.888	461	8.55	15.31	221	Cloudy	None
1215	55	200	74.53	2.904	6.97	0.899	313	8.58	15.36	222	Cloudy	None
1220	60	200	74.54	3.168	6.97	0.903	304	8.51	15.31	223	Cloudy	None
1225	65	200	74.54	3.432	6.97	0.903	321	8.53	15.35	220	Cloudy	None
1230	70	200	74.54	3.696	6.97	0.905	328	8.54	15.34	221	Cloudy	None

Constituents Sampled	Container	Number	Preservative
VOCs 8260	40 ml VOA	3	HCl

Well Information

Well Location:	<u>Along fence, north of building 31</u>	Well Locked at Arrival:	<u>Yes</u> / <u>No</u>
Condition of Well:	<u>Good</u>	Well Locked at Departure:	<u>Yes</u> / <u>No</u>
Well Completion:	<u>Flush Mount</u> / <u>Stick Up</u>	Key Number To Well:	<u>-</u>

NOTES:

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Form

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Project No.	<u>30006483</u>	Well ID	<u>VRI-10</u>	Date	<u>6/18/2025</u>
Project Name/Location	<u>GE Riverview / Schenectady, NY</u>			Weather	<u>70s, Cloudy</u>
Measuring Pt. Description	<u>TIC</u>	Screen Setting (ft-bmp)	<u>-</u>	Casing Diameter (in.)	<u>2</u>
				Well Material	<u>X</u> PVC <u> </u> SS <u> </u> Other
Total Depth (ft-bmp)	<u>72.18</u>	Static Water Level (ft-bmp)	<u>63.38</u>	Water Column in Well	<u>8.8</u>
Calc.Gallons Purged	<u>3.96</u>	Pump Intake (ft- bmp)	<u>67.78</u>	Purge Method:	
Gallons Purged	<u>4</u>	MP Elevation	<u>-</u>	Centrifugal	<u> </u>
Sample Time:	<u>0952</u>	Replicate/ Code No.	<u>-</u>	Submersible	<u> </u>
				Disp. Bailer	<u> </u>
				Other	<u>Bladder</u>
				Pump On/Off	<u>0836 / 0957</u>
				Gallons in Well	<u>1.41</u>
				Sample Method	<u>Low Flow</u>
				Sampled by	<u>A. Gibson</u>

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft) TOC	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C)	Redox (mV)	Appearance	
											Color	Odor
0841	5	200	63.68	0.264	7.78	0.993	1000	12.13	15.89	145	Brown	None
0846	10	200	64.12	0.528	7.70	0.997	972	10.71	15.69	147	Brown	None
0851	15	200	65.23	0.792	7.69	0.998	924	10.23	15.52	149	Brown	None
0856	20	200	66.01	1.056	7.65	0.999	881	9.71	15.45	150	Brown	None
0901	25	200	66.83	1.32	7.64	1.00	840	9.14	15.48	151	Cloudy	None
0906	30	200	67.23	1.584	7.64	0.978	802	8.76	15.61	152	Cloudy	None
0911	35	200	67.58	1.848	7.64	0.952	714	8.59	15.81	153	Cloudy	None
0916	40	200	67.78	2.112	7.64	0.932	631	8.21	15.80	148	Cloudy	None
0921	45	200	67.85	2.376	7.65	0.914	510	7.98	15.79	156	Cloudy	None
0926	50	200	68.01	2.64	7.66	0.907	408	7.85	15.76	145	Cloudy	None
0931	55	200	68.14	2.904	7.67	0.899	372	7.93	15.79	147	Cloudy	None
0936	60	200	68.35	3.168	7.67	0.892	215	7.87	15.75	148	Cloudy	None
0941	65	200	68.50	3.432	7.67	0.899	106	7.91	15.75	149	Cloudy	None
0946	70	200	68.58	3.696	7.67	0.897	102	7.99	15.68	148	Cloudy	None
0951	75	200	68.69	3.96	7.67	0.896	99.8	8.02	15.74	148	Cloudy	None

Constituents Sampled	Container	Number	Preservative
VOCs 8260	40 ml VOA	3	HCl

Well Information			
Well Location:	<u>Along fence in NW corner of Site</u>	Well Locked at Arrival:	<u>Yes</u> / <u>No</u>
Condition of Well:	<u>Good</u>	Well Locked at Departure:	<u>Yes</u> / <u>No</u>
Well Completion:	<u>Flush Mount</u> / <u>Stick Up</u>	Key Number To Well:	<u>-</u>

NOTES:

Well Casing Volumes					
Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	
GW Field Forms.xlsx.xls VRI-10					

Appendix B

2025 Groundwater Sampling - Laboratory Analytical Report



ANALYTICAL REPORT

PREPARED FOR

Attn: Doug Weeks
Arcadis US Inc.
646 Plank Road
Suite 100
Clifton Park NY 12065

Generated 06/26/2025

JOB DESCRIPTION

GE IMI Riverview

JOB NUMBER

480-230498-1

Eurofins Buffalo

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.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
06/26/2025

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Job Narrative 480-230498-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/20/2025 9:30 AM. 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 2.1°C.

GC/MS VOA

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-749533 recovered outside control limits for the following analytes: Tetrachloroethene. These analytes were biased high in the LCS and were not detected above the reporting limit (RL) in the associated samples; therefore, the data have been reported. The following associated samples are impacted: EB-20250616 (480-230498-4) and TRIP BLANK-20250616 (480-230498-12)

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: VRI-1 (480-230498-3), DUP-20250618 (480-230498-5) and IW-6 (480-230498-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 749755 recovered above the upper control limit for 2-Hexanone, Vinyl chloride, and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: VRI-1 (480-230498-3), DUP-20250618 (480-230498-5), IW-6 (480-230498-6) and VRI-10 (480-230498-7).

Method 8260C: The continuing calibration verification (CCV) analyzed in 480-749755 was outside the method criteria for the following analyte(s): N-Propylbenzene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated sample is: IW-6 (480-230498-6).

Method 8260C: The continuing calibration verification (CCV) associated with batch 749755 recovered above the upper control limit for N-Propylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: VRI-1 (480-230498-3), DUP-20250618 (480-230498-5) and VRI-10 (480-230498-7).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: IW-3 (480-230498-2), IW-3 (480-230498-2[MS]) and IW-3 (480-230498-2[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 749897 recovered above the upper control limit for Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: IW-3 (480-230498-2).

Method 8260C: Due to the high concentration of 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 480-749897 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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

Sample Summary

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-230498-1	GT-14	Water	06/17/25 15:14	06/20/25 09:30
480-230498-2	IW-3	Water	06/18/25 13:58	06/20/25 09:30
480-230498-3	VRI-1	Water	06/18/25 12:46	06/20/25 09:30
480-230498-4	EB-20250616	Water	06/16/25 12:50	06/20/25 09:30
480-230498-5	DUP-20250618	Water	06/18/25 00:00	06/20/25 09:30
480-230498-6	IW-6	Water	06/18/25 11:17	06/20/25 09:30
480-230498-7	VRI-10	Water	06/18/25 09:52	06/20/25 09:30
480-230498-8	GT-16	Water	06/17/25 17:05	06/20/25 09:30
480-230498-9	GT-9R	Water	06/17/25 11:01	06/20/25 09:30
480-230498-10	VRI-3	Water	06/17/25 13:41	06/20/25 09:30
480-230498-11	VRI-4	Water	06/17/25 12:31	06/20/25 09:30
480-230498-12	TRIP BLANK-20250616	Water	06/16/25 00:00	06/20/25 09:30

Detection Summary

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-14

Lab Sample ID: 480-230498-1

No Detections.

Client Sample ID: IW-3

Lab Sample ID: 480-230498-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1600	F1	20	15	ug/L	20		8260C	Total/NA
1,3,5-Trimethylbenzene	820	F1	20	15	ug/L	20		8260C	Total/NA
Acetone	110	J	200	60	ug/L	20		8260C	Total/NA
Ethylbenzene	32		20	15	ug/L	20		8260C	Total/NA
Isopropylbenzene	77		20	16	ug/L	20		8260C	Total/NA
N-Propylbenzene	78		20	14	ug/L	20		8260C	Total/NA
Xylenes, Total	510		40	13	ug/L	20		8260C	Total/NA

Client Sample ID: VRI-1

Lab Sample ID: 480-230498-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2800		100	75	ug/L	100		8260C	Total/NA
1,3,5-Trimethylbenzene	1700		100	77	ug/L	100		8260C	Total/NA
Isopropylbenzene	130		100	79	ug/L	100		8260C	Total/NA
Methylene Chloride	70	J B	100	44	ug/L	100		8260C	Total/NA
N-Propylbenzene	99	J	100	69	ug/L	100		8260C	Total/NA
Xylenes, Total	1000		200	66	ug/L	100		8260C	Total/NA

Client Sample ID: EB-20250616

Lab Sample ID: 480-230498-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: DUP-20250618

Lab Sample ID: 480-230498-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2700		100	75	ug/L	100		8260C	Total/NA
1,3,5-Trimethylbenzene	1700		100	77	ug/L	100		8260C	Total/NA
Isopropylbenzene	130		100	79	ug/L	100		8260C	Total/NA
Methylene Chloride	71	J B	100	44	ug/L	100		8260C	Total/NA
N-Propylbenzene	94	J	100	69	ug/L	100		8260C	Total/NA
Xylenes, Total	960		200	66	ug/L	100		8260C	Total/NA

Client Sample ID: IW-6

Lab Sample ID: 480-230498-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6000		200	150	ug/L	200		8260C	Total/NA
1,3,5-Trimethylbenzene	2300		200	150	ug/L	200		8260C	Total/NA
Isopropylbenzene	500		200	160	ug/L	200		8260C	Total/NA
Methylene Chloride	150	J B	200	88	ug/L	200		8260C	Total/NA
N-Propylbenzene	590		200	140	ug/L	200		8260C	Total/NA
Xylenes, Total	3700		400	130	ug/L	200		8260C	Total/NA

Client Sample ID: VRI-10

Lab Sample ID: 480-230498-7

No Detections.

Client Sample ID: GT-16

Lab Sample ID: 480-230498-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3		1.0	0.34	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-16 (Continued) Lab Sample ID: 480-230498-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.6		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GT-9R Lab Sample ID: 480-230498-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.43	J	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: VRI-3 Lab Sample ID: 480-230498-10

No Detections.

Client Sample ID: VRI-4 Lab Sample ID: 480-230498-11

No Detections.

Client Sample ID: TRIP BLANK-20250616 Lab Sample ID: 480-230498-12

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Protocol References:

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

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-14

Lab Sample ID: 480-230498-1

Date Collected: 06/17/25 15:14

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 18:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 18:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 18:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 18:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 18:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 18:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 18:35	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 18:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 18:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 18:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 18:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 18:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 18:35	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 18:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 18:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 18:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 18:35	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 18:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 18:35	1
Acetone	ND		10	3.0	ug/L			06/20/25 18:35	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 18:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 18:35	1
Bromoform	ND		1.0	0.26	ug/L			06/20/25 18:35	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 18:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 18:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 18:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 18:35	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 18:35	1
Chloroform	ND		1.0	0.34	ug/L			06/20/25 18:35	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 18:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 18:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 18:35	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 18:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 18:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 18:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 18:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 18:35	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 18:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 18:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 18:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 18:35	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 18:35	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 18:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 18:35	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 18:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 18:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 18:35	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/25 18:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 18:35	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-14

Lab Sample ID: 480-230498-1

Date Collected: 06/17/25 15:14

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 18:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					06/20/25 18:35	1
4-Bromofluorobenzene (Surr)	92		73 - 120					06/20/25 18:35	1
Dibromofluoromethane (Surr)	89		75 - 123					06/20/25 18:35	1
Toluene-d8 (Surr)	102		80 - 120					06/20/25 18:35	1

Client Sample ID: IW-3

Lab Sample ID: 480-230498-2

Date Collected: 06/18/25 13:58

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			06/25/25 02:12	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			06/25/25 02:12	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			06/25/25 02:12	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			06/25/25 02:12	20
1,1-Dichloroethane	ND		20	7.6	ug/L			06/25/25 02:12	20
1,1-Dichloroethene	ND		20	5.8	ug/L			06/25/25 02:12	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			06/25/25 02:12	20
1,2,4-Trimethylbenzene	1600	F1	20	15	ug/L			06/25/25 02:12	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			06/25/25 02:12	20
1,2-Dibromoethane	ND		20	15	ug/L			06/25/25 02:12	20
1,2-Dichlorobenzene	ND		20	16	ug/L			06/25/25 02:12	20
1,2-Dichloroethane	ND		20	4.2	ug/L			06/25/25 02:12	20
1,2-Dichloropropane	ND		20	14	ug/L			06/25/25 02:12	20
1,3,5-Trimethylbenzene	820	F1	20	15	ug/L			06/25/25 02:12	20
1,3-Dichlorobenzene	ND		20	16	ug/L			06/25/25 02:12	20
1,4-Dichlorobenzene	ND		20	17	ug/L			06/25/25 02:12	20
2-Butanone (MEK)	ND		200	26	ug/L			06/25/25 02:12	20
2-Hexanone	ND		100	25	ug/L			06/25/25 02:12	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			06/25/25 02:12	20
Acetone	110	J	200	60	ug/L			06/25/25 02:12	20
Benzene	ND		20	8.2	ug/L			06/25/25 02:12	20
Bromodichloromethane	ND		20	7.8	ug/L			06/25/25 02:12	20
Bromoform	ND		20	5.2	ug/L			06/25/25 02:12	20
Bromomethane	ND		20	14	ug/L			06/25/25 02:12	20
Carbon disulfide	ND		20	3.8	ug/L			06/25/25 02:12	20
Carbon tetrachloride	ND		20	5.4	ug/L			06/25/25 02:12	20
Chlorobenzene	ND		20	15	ug/L			06/25/25 02:12	20
Chloroethane	ND		20	6.4	ug/L			06/25/25 02:12	20
Chloroform	ND		20	6.8	ug/L			06/25/25 02:12	20
Chloromethane	ND		20	7.0	ug/L			06/25/25 02:12	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			06/25/25 02:12	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			06/25/25 02:12	20
Cyclohexane	ND		20	3.6	ug/L			06/25/25 02:12	20
Dibromochloromethane	ND		20	6.4	ug/L			06/25/25 02:12	20
Dichlorodifluoromethane	ND		20	14	ug/L			06/25/25 02:12	20

Eurofins Buffalo

Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: IW-3

Lab Sample ID: 480-230498-2

Date Collected: 06/18/25 13:58

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	32		20	15	ug/L			06/25/25 02:12	20
Isopropylbenzene	77		20	16	ug/L			06/25/25 02:12	20
Methyl acetate	ND		50	26	ug/L			06/25/25 02:12	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			06/25/25 02:12	20
Methylcyclohexane	ND		20	3.2	ug/L			06/25/25 02:12	20
Methylene Chloride	ND		20	8.8	ug/L			06/25/25 02:12	20
N-Propylbenzene	78		20	14	ug/L			06/25/25 02:12	20
Styrene	ND		20	15	ug/L			06/25/25 02:12	20
Tetrachloroethene	ND		20	7.2	ug/L			06/25/25 02:12	20
Toluene	ND		20	10	ug/L			06/25/25 02:12	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			06/25/25 02:12	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			06/25/25 02:12	20
Trichloroethene	ND		20	9.2	ug/L			06/25/25 02:12	20
Trichlorofluoromethane	ND		20	18	ug/L			06/25/25 02:12	20
Vinyl chloride	ND		20	18	ug/L			06/25/25 02:12	20
Xylenes, Total	510		40	13	ug/L			06/25/25 02:12	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		06/25/25 02:12	20
4-Bromofluorobenzene (Surr)	89		73 - 120		06/25/25 02:12	20
Dibromofluoromethane (Surr)	93		75 - 123		06/25/25 02:12	20
Toluene-d8 (Surr)	101		80 - 120		06/25/25 02:12	20

Client Sample ID: VRI-1

Lab Sample ID: 480-230498-3

Date Collected: 06/18/25 12:46

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			06/24/25 03:50	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			06/24/25 03:50	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			06/24/25 03:50	100
1,1,2-Trichloroethane	ND		100	23	ug/L			06/24/25 03:50	100
1,1-Dichloroethane	ND		100	38	ug/L			06/24/25 03:50	100
1,1-Dichloroethene	ND		100	29	ug/L			06/24/25 03:50	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			06/24/25 03:50	100
1,2,4-Trimethylbenzene	2800		100	75	ug/L			06/24/25 03:50	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			06/24/25 03:50	100
1,2-Dibromoethane	ND		100	73	ug/L			06/24/25 03:50	100
1,2-Dichlorobenzene	ND		100	79	ug/L			06/24/25 03:50	100
1,2-Dichloroethane	ND		100	21	ug/L			06/24/25 03:50	100
1,2-Dichloropropane	ND		100	72	ug/L			06/24/25 03:50	100
1,3,5-Trimethylbenzene	1700		100	77	ug/L			06/24/25 03:50	100
1,3-Dichlorobenzene	ND		100	78	ug/L			06/24/25 03:50	100
1,4-Dichlorobenzene	ND		100	84	ug/L			06/24/25 03:50	100
2-Butanone (MEK)	ND		1000	130	ug/L			06/24/25 03:50	100
2-Hexanone	ND		500	120	ug/L			06/24/25 03:50	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			06/24/25 03:50	100
Acetone	ND		1000	300	ug/L			06/24/25 03:50	100
Benzene	ND		100	41	ug/L			06/24/25 03:50	100

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: VRI-1

Lab Sample ID: 480-230498-3

Date Collected: 06/18/25 12:46

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		100	39	ug/L			06/24/25 03:50	100
Bromoform	ND		100	26	ug/L			06/24/25 03:50	100
Bromomethane	ND		100	69	ug/L			06/24/25 03:50	100
Carbon disulfide	ND		100	19	ug/L			06/24/25 03:50	100
Carbon tetrachloride	ND		100	27	ug/L			06/24/25 03:50	100
Chlorobenzene	ND		100	75	ug/L			06/24/25 03:50	100
Chloroethane	ND		100	32	ug/L			06/24/25 03:50	100
Chloroform	ND		100	34	ug/L			06/24/25 03:50	100
Chloromethane	ND		100	35	ug/L			06/24/25 03:50	100
cis-1,2-Dichloroethene	ND		100	81	ug/L			06/24/25 03:50	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			06/24/25 03:50	100
Cyclohexane	ND		100	18	ug/L			06/24/25 03:50	100
Dibromochloromethane	ND		100	32	ug/L			06/24/25 03:50	100
Dichlorodifluoromethane	ND		100	68	ug/L			06/24/25 03:50	100
Ethylbenzene	ND		100	74	ug/L			06/24/25 03:50	100
Isopropylbenzene	130		100	79	ug/L			06/24/25 03:50	100
Methyl acetate	ND		250	130	ug/L			06/24/25 03:50	100
Methyl tert-butyl ether	ND		100	16	ug/L			06/24/25 03:50	100
Methylcyclohexane	ND		100	16	ug/L			06/24/25 03:50	100
Methylene Chloride	70	J B	100	44	ug/L			06/24/25 03:50	100
N-Propylbenzene	99	J	100	69	ug/L			06/24/25 03:50	100
Styrene	ND		100	73	ug/L			06/24/25 03:50	100
Tetrachloroethene	ND		100	36	ug/L			06/24/25 03:50	100
Toluene	ND		100	51	ug/L			06/24/25 03:50	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			06/24/25 03:50	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			06/24/25 03:50	100
Trichloroethene	ND		100	46	ug/L			06/24/25 03:50	100
Trichlorofluoromethane	ND		100	88	ug/L			06/24/25 03:50	100
Vinyl chloride	ND		100	90	ug/L			06/24/25 03:50	100
Xylenes, Total	1000		200	66	ug/L			06/24/25 03:50	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		06/24/25 03:50	100
4-Bromofluorobenzene (Surr)	91		73 - 120		06/24/25 03:50	100
Dibromofluoromethane (Surr)	92		75 - 123		06/24/25 03:50	100
Toluene-d8 (Surr)	101		80 - 120		06/24/25 03:50	100

Client Sample ID: EB-20250616

Lab Sample ID: 480-230498-4

Date Collected: 06/16/25 12:50

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/21/25 06:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/25 06:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/25 06:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/25 06:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/25 06:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/25 06:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/25 06:12	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: EB-20250616

Lab Sample ID: 480-230498-4

Date Collected: 06/16/25 12:50

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/21/25 06:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/25 06:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/25 06:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/25 06:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/25 06:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/25 06:12	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/21/25 06:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/25 06:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/25 06:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/25 06:12	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/25 06:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/25 06:12	1
Acetone	3.0	J	10	3.0	ug/L			06/21/25 06:12	1
Benzene	ND		1.0	0.41	ug/L			06/21/25 06:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/25 06:12	1
Bromoform	ND		1.0	0.26	ug/L			06/21/25 06:12	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/25 06:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/25 06:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/25 06:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/25 06:12	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/25 06:12	1
Chloroform	ND		1.0	0.34	ug/L			06/21/25 06:12	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/25 06:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/25 06:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/25 06:12	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/25 06:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/25 06:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/21/25 06:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/25 06:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/25 06:12	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/25 06:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/25 06:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/25 06:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/25 06:12	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/21/25 06:12	1
Styrene	ND		1.0	0.73	ug/L			06/21/25 06:12	1
Tetrachloroethene	ND	*+	1.0	0.36	ug/L			06/21/25 06:12	1
Toluene	ND		1.0	0.51	ug/L			06/21/25 06:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/25 06:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/25 06:12	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/25 06:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/25 06:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/25 06:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/25 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/21/25 06:12	1
4-Bromofluorobenzene (Surr)	89		73 - 120		06/21/25 06:12	1
Dibromofluoromethane (Surr)	89		75 - 123		06/21/25 06:12	1
Toluene-d8 (Surr)	101		80 - 120		06/21/25 06:12	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: DUP-20250618

Lab Sample ID: 480-230498-5

Date Collected: 06/18/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			06/24/25 04:13	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			06/24/25 04:13	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			06/24/25 04:13	100
1,1,2-Trichloroethane	ND		100	23	ug/L			06/24/25 04:13	100
1,1-Dichloroethane	ND		100	38	ug/L			06/24/25 04:13	100
1,1-Dichloroethene	ND		100	29	ug/L			06/24/25 04:13	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			06/24/25 04:13	100
1,2,4-Trimethylbenzene	2700		100	75	ug/L			06/24/25 04:13	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			06/24/25 04:13	100
1,2-Dibromoethane	ND		100	73	ug/L			06/24/25 04:13	100
1,2-Dichlorobenzene	ND		100	79	ug/L			06/24/25 04:13	100
1,2-Dichloroethane	ND		100	21	ug/L			06/24/25 04:13	100
1,2-Dichloropropane	ND		100	72	ug/L			06/24/25 04:13	100
1,3,5-Trimethylbenzene	1700		100	77	ug/L			06/24/25 04:13	100
1,3-Dichlorobenzene	ND		100	78	ug/L			06/24/25 04:13	100
1,4-Dichlorobenzene	ND		100	84	ug/L			06/24/25 04:13	100
2-Butanone (MEK)	ND		1000	130	ug/L			06/24/25 04:13	100
2-Hexanone	ND		500	120	ug/L			06/24/25 04:13	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			06/24/25 04:13	100
Acetone	ND		1000	300	ug/L			06/24/25 04:13	100
Benzene	ND		100	41	ug/L			06/24/25 04:13	100
Bromodichloromethane	ND		100	39	ug/L			06/24/25 04:13	100
Bromoform	ND		100	26	ug/L			06/24/25 04:13	100
Bromomethane	ND		100	69	ug/L			06/24/25 04:13	100
Carbon disulfide	ND		100	19	ug/L			06/24/25 04:13	100
Carbon tetrachloride	ND		100	27	ug/L			06/24/25 04:13	100
Chlorobenzene	ND		100	75	ug/L			06/24/25 04:13	100
Chloroethane	ND		100	32	ug/L			06/24/25 04:13	100
Chloroform	ND		100	34	ug/L			06/24/25 04:13	100
Chloromethane	ND		100	35	ug/L			06/24/25 04:13	100
cis-1,2-Dichloroethene	ND		100	81	ug/L			06/24/25 04:13	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			06/24/25 04:13	100
Cyclohexane	ND		100	18	ug/L			06/24/25 04:13	100
Dibromochloromethane	ND		100	32	ug/L			06/24/25 04:13	100
Dichlorodifluoromethane	ND		100	68	ug/L			06/24/25 04:13	100
Ethylbenzene	ND		100	74	ug/L			06/24/25 04:13	100
Isopropylbenzene	130		100	79	ug/L			06/24/25 04:13	100
Methyl acetate	ND		250	130	ug/L			06/24/25 04:13	100
Methyl tert-butyl ether	ND		100	16	ug/L			06/24/25 04:13	100
Methylcyclohexane	ND		100	16	ug/L			06/24/25 04:13	100
Methylene Chloride	71	J B	100	44	ug/L			06/24/25 04:13	100
N-Propylbenzene	94	J	100	69	ug/L			06/24/25 04:13	100
Styrene	ND		100	73	ug/L			06/24/25 04:13	100
Tetrachloroethene	ND		100	36	ug/L			06/24/25 04:13	100
Toluene	ND		100	51	ug/L			06/24/25 04:13	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			06/24/25 04:13	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			06/24/25 04:13	100
Trichloroethene	ND		100	46	ug/L			06/24/25 04:13	100
Trichlorofluoromethane	ND		100	88	ug/L			06/24/25 04:13	100

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: DUP-20250618

Lab Sample ID: 480-230498-5

Date Collected: 06/18/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		100	90	ug/L			06/24/25 04:13	100
Xylenes, Total	960		200	66	ug/L			06/24/25 04:13	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					06/24/25 04:13	100
4-Bromofluorobenzene (Surr)	85		73 - 120					06/24/25 04:13	100
Dibromofluoromethane (Surr)	91		75 - 123					06/24/25 04:13	100
Toluene-d8 (Surr)	101		80 - 120					06/24/25 04:13	100

Client Sample ID: IW-6

Lab Sample ID: 480-230498-6

Date Collected: 06/18/25 11:17

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			06/24/25 04:37	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			06/24/25 04:37	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			06/24/25 04:37	200
1,1,2-Trichloroethane	ND		200	46	ug/L			06/24/25 04:37	200
1,1-Dichloroethane	ND		200	76	ug/L			06/24/25 04:37	200
1,1-Dichloroethene	ND		200	58	ug/L			06/24/25 04:37	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			06/24/25 04:37	200
1,2,4-Trimethylbenzene	6000		200	150	ug/L			06/24/25 04:37	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			06/24/25 04:37	200
1,2-Dibromoethane	ND		200	150	ug/L			06/24/25 04:37	200
1,2-Dichlorobenzene	ND		200	160	ug/L			06/24/25 04:37	200
1,2-Dichloroethane	ND		200	42	ug/L			06/24/25 04:37	200
1,2-Dichloropropane	ND		200	140	ug/L			06/24/25 04:37	200
1,3,5-Trimethylbenzene	2300		200	150	ug/L			06/24/25 04:37	200
1,3-Dichlorobenzene	ND		200	160	ug/L			06/24/25 04:37	200
1,4-Dichlorobenzene	ND		200	170	ug/L			06/24/25 04:37	200
2-Butanone (MEK)	ND		2000	260	ug/L			06/24/25 04:37	200
2-Hexanone	ND		1000	250	ug/L			06/24/25 04:37	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			06/24/25 04:37	200
Acetone	ND		2000	600	ug/L			06/24/25 04:37	200
Benzene	ND		200	82	ug/L			06/24/25 04:37	200
Bromodichloromethane	ND		200	78	ug/L			06/24/25 04:37	200
Bromoform	ND		200	52	ug/L			06/24/25 04:37	200
Bromomethane	ND		200	140	ug/L			06/24/25 04:37	200
Carbon disulfide	ND		200	38	ug/L			06/24/25 04:37	200
Carbon tetrachloride	ND		200	54	ug/L			06/24/25 04:37	200
Chlorobenzene	ND		200	150	ug/L			06/24/25 04:37	200
Chloroethane	ND		200	64	ug/L			06/24/25 04:37	200
Chloroform	ND		200	68	ug/L			06/24/25 04:37	200
Chloromethane	ND		200	70	ug/L			06/24/25 04:37	200
cis-1,2-Dichloroethene	ND		200	160	ug/L			06/24/25 04:37	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			06/24/25 04:37	200
Cyclohexane	ND		200	36	ug/L			06/24/25 04:37	200
Dibromochloromethane	ND		200	64	ug/L			06/24/25 04:37	200
Dichlorodifluoromethane	ND		200	140	ug/L			06/24/25 04:37	200

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: IW-6

Lab Sample ID: 480-230498-6

Date Collected: 06/18/25 11:17

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		200	150	ug/L			06/24/25 04:37	200
Isopropylbenzene	500		200	160	ug/L			06/24/25 04:37	200
Methyl acetate	ND		500	260	ug/L			06/24/25 04:37	200
Methyl tert-butyl ether	ND		200	32	ug/L			06/24/25 04:37	200
Methylcyclohexane	ND		200	32	ug/L			06/24/25 04:37	200
Methylene Chloride	150	J B	200	88	ug/L			06/24/25 04:37	200
N-Propylbenzene	590		200	140	ug/L			06/24/25 04:37	200
Styrene	ND		200	150	ug/L			06/24/25 04:37	200
Tetrachloroethene	ND		200	72	ug/L			06/24/25 04:37	200
Toluene	ND		200	100	ug/L			06/24/25 04:37	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			06/24/25 04:37	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			06/24/25 04:37	200
Trichloroethene	ND		200	92	ug/L			06/24/25 04:37	200
Trichlorofluoromethane	ND		200	180	ug/L			06/24/25 04:37	200
Vinyl chloride	ND		200	180	ug/L			06/24/25 04:37	200
Xylenes, Total	3700		400	130	ug/L			06/24/25 04:37	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/24/25 04:37	200
4-Bromofluorobenzene (Surr)	89		73 - 120		06/24/25 04:37	200
Dibromofluoromethane (Surr)	91		75 - 123		06/24/25 04:37	200
Toluene-d8 (Surr)	101		80 - 120		06/24/25 04:37	200

Client Sample ID: VRI-10

Lab Sample ID: 480-230498-7

Date Collected: 06/18/25 09:52

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/24/25 05:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/25 05:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/25 05:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/25 05:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/25 05:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/25 05:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/25 05:00	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/24/25 05:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/25 05:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/25 05:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/25 05:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/25 05:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/25 05:00	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/24/25 05:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/25 05:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/25 05:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/25 05:00	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/25 05:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/25 05:00	1
Acetone	ND		10	3.0	ug/L			06/24/25 05:00	1
Benzene	ND		1.0	0.41	ug/L			06/24/25 05:00	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: VRI-10

Lab Sample ID: 480-230498-7

Date Collected: 06/18/25 09:52

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/25 05:00	1
Bromoform	ND		1.0	0.26	ug/L			06/24/25 05:00	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/25 05:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/25 05:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/25 05:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/25 05:00	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/25 05:00	1
Chloroform	ND		1.0	0.34	ug/L			06/24/25 05:00	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/25 05:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/25 05:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/25 05:00	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/25 05:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/25 05:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/25 05:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/25 05:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/25 05:00	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/25 05:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/25 05:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/25 05:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/25 05:00	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/24/25 05:00	1
Styrene	ND		1.0	0.73	ug/L			06/24/25 05:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/25 05:00	1
Toluene	ND		1.0	0.51	ug/L			06/24/25 05:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/25 05:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/25 05:00	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/25 05:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/25 05:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/25 05:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/25 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/24/25 05:00	1
4-Bromofluorobenzene (Surr)	87		73 - 120		06/24/25 05:00	1
Dibromofluoromethane (Surr)	90		75 - 123		06/24/25 05:00	1
Toluene-d8 (Surr)	103		80 - 120		06/24/25 05:00	1

Client Sample ID: GT-16

Lab Sample ID: 480-230498-8

Date Collected: 06/17/25 17:05

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 18:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 18:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 18:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 18:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 18:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 18:59	1

Eurofins Buffalo

Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-16

Lab Sample ID: 480-230498-8

Date Collected: 06/17/25 17:05

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 18:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 18:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 18:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 18:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 18:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 18:59	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 18:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 18:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 18:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 18:59	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 18:59	1
Acetone	ND		10	3.0	ug/L			06/20/25 18:59	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 18:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 18:59	1
Bromoform	ND		1.0	0.26	ug/L			06/20/25 18:59	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 18:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 18:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 18:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 18:59	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 18:59	1
Chloroform	1.3		1.0	0.34	ug/L			06/20/25 18:59	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 18:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 18:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 18:59	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 18:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 18:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 18:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 18:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 18:59	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 18:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 18:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 18:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 18:59	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 18:59	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 18:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 18:59	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 18:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 18:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 18:59	1
Trichloroethene	4.6		1.0	0.46	ug/L			06/20/25 18:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 18:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 18:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/20/25 18:59	1
4-Bromofluorobenzene (Surr)	89		73 - 120		06/20/25 18:59	1
Dibromofluoromethane (Surr)	92		75 - 123		06/20/25 18:59	1
Toluene-d8 (Surr)	99		80 - 120		06/20/25 18:59	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-9R

Lab Sample ID: 480-230498-9

Date Collected: 06/17/25 11:01

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 19:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 19:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 19:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 19:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 19:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 19:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 19:22	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 19:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 19:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 19:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 19:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 19:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 19:22	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 19:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 19:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 19:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 19:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 19:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 19:22	1
Acetone	ND		10	3.0	ug/L			06/20/25 19:22	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 19:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 19:22	1
Bromoform	ND		1.0	0.26	ug/L			06/20/25 19:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 19:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 19:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 19:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 19:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 19:22	1
Chloroform	0.43	J	1.0	0.34	ug/L			06/20/25 19:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 19:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 19:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 19:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 19:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 19:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 19:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 19:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 19:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 19:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 19:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 19:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 19:22	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 19:22	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 19:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 19:22	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 19:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 19:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 19:22	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/25 19:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 19:22	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-9R

Lab Sample ID: 480-230498-9

Date Collected: 06/17/25 11:01

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 19:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					06/20/25 19:22	1
4-Bromofluorobenzene (Surr)	89		73 - 120					06/20/25 19:22	1
Dibromofluoromethane (Surr)	90		75 - 123					06/20/25 19:22	1
Toluene-d8 (Surr)	100		80 - 120					06/20/25 19:22	1

Client Sample ID: VRI-3

Lab Sample ID: 480-230498-10

Date Collected: 06/17/25 13:41

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 19:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 19:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 19:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 19:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 19:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 19:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 19:45	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 19:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 19:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 19:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 19:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 19:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 19:45	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 19:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 19:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 19:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 19:45	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 19:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 19:45	1
Acetone	ND		10	3.0	ug/L			06/20/25 19:45	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 19:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 19:45	1
Bromoform	ND		1.0	0.26	ug/L			06/20/25 19:45	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 19:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 19:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 19:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 19:45	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 19:45	1
Chloroform	ND		1.0	0.34	ug/L			06/20/25 19:45	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 19:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 19:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 19:45	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 19:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 19:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 19:45	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: VRI-3

Lab Sample ID: 480-230498-10

Date Collected: 06/17/25 13:41

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 19:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 19:45	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 19:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 19:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 19:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 19:45	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 19:45	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 19:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 19:45	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 19:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 19:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 19:45	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/25 19:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 19:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 19:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		06/20/25 19:45	1
4-Bromofluorobenzene (Surr)	90		73 - 120		06/20/25 19:45	1
Dibromofluoromethane (Surr)	91		75 - 123		06/20/25 19:45	1
Toluene-d8 (Surr)	102		80 - 120		06/20/25 19:45	1

Client Sample ID: VRI-4

Lab Sample ID: 480-230498-11

Date Collected: 06/17/25 12:31

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 20:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 20:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 20:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 20:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 20:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 20:08	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 20:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 20:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 20:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 20:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 20:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 20:08	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 20:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 20:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 20:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 20:08	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 20:08	1
Acetone	ND		10	3.0	ug/L			06/20/25 20:08	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 20:08	1

Eurofins Buffalo

Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: VRI-4

Lab Sample ID: 480-230498-11

Date Collected: 06/17/25 12:31

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 20:08	1
Bromoform	ND		1.0	0.26	ug/L			06/20/25 20:08	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 20:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 20:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 20:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 20:08	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 20:08	1
Chloroform	ND		1.0	0.34	ug/L			06/20/25 20:08	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 20:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 20:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 20:08	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 20:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 20:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 20:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 20:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 20:08	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 20:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 20:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 20:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 20:08	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 20:08	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 20:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 20:08	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 20:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 20:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 20:08	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/25 20:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 20:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 20:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/20/25 20:08	1
4-Bromofluorobenzene (Surr)	88		73 - 120		06/20/25 20:08	1
Dibromofluoromethane (Surr)	89		75 - 123		06/20/25 20:08	1
Toluene-d8 (Surr)	100		80 - 120		06/20/25 20:08	1

Client Sample ID: TRIP BLANK-20250616

Lab Sample ID: 480-230498-12

Date Collected: 06/16/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/21/25 06:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/25 06:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/25 06:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/25 06:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/25 06:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/25 06:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/25 06:35	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: TRIP BLANK-20250616

Lab Sample ID: 480-230498-12

Date Collected: 06/16/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/21/25 06:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/25 06:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/25 06:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/25 06:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/25 06:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/25 06:35	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/21/25 06:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/25 06:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/25 06:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/25 06:35	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/25 06:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/25 06:35	1
Acetone	ND		10	3.0	ug/L			06/21/25 06:35	1
Benzene	ND		1.0	0.41	ug/L			06/21/25 06:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/25 06:35	1
Bromoform	ND		1.0	0.26	ug/L			06/21/25 06:35	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/25 06:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/25 06:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/25 06:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/25 06:35	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/25 06:35	1
Chloroform	ND		1.0	0.34	ug/L			06/21/25 06:35	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/25 06:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/25 06:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/25 06:35	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/25 06:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/25 06:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/21/25 06:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/25 06:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/25 06:35	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/25 06:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/25 06:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/25 06:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/25 06:35	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/21/25 06:35	1
Styrene	ND		1.0	0.73	ug/L			06/21/25 06:35	1
Tetrachloroethene	ND	+	1.0	0.36	ug/L			06/21/25 06:35	1
Toluene	ND		1.0	0.51	ug/L			06/21/25 06:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/25 06:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/25 06:35	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/25 06:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/25 06:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/25 06:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/25 06:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/21/25 06:35	1
4-Bromofluorobenzene (Surr)	87		73 - 120		06/21/25 06:35	1
Dibromofluoromethane (Surr)	89		75 - 123		06/21/25 06:35	1
Toluene-d8 (Surr)	100		80 - 120		06/21/25 06:35	1

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Surrogate Summary

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	DBFM (75-123)	TOL (80-120)
480-230498-1	GT-14	105	92	89	102
480-230498-2	IW-3	108	89	93	101
480-230498-2 MS	IW-3	104	91	94	101
480-230498-2 MSD	IW-3	102	90	92	102
480-230498-3	VRI-1	106	91	92	101
480-230498-4	EB-20250616	102	89	89	101
480-230498-5	DUP-20250618	103	85	91	101
480-230498-6	IW-6	104	89	91	101
480-230498-7	VRI-10	103	87	90	103
480-230498-8	GT-16	103	89	92	99
480-230498-9	GT-9R	104	89	90	100
480-230498-10	VRI-3	105	90	91	102
480-230498-11	VRI-4	102	88	89	100
480-230498-12	TRIP BLANK-20250616	104	87	89	100
LCS 480-749486/6	Lab Control Sample	104	91	92	100
LCS 480-749533/6	Lab Control Sample	106	88	92	103
LCS 480-749755/6	Lab Control Sample	110	89	93	103
LCS 480-749897/6	Lab Control Sample	106	88	96	102
MB 480-749486/8	Method Blank	107	90	92	100
MB 480-749533/8	Method Blank	103	87	90	103
MB 480-749755/8	Method Blank	102	89	90	101
MB 480-749897/8	Method Blank	103	92	91	103

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: MB 480-749486/8
Matrix: Water
Analysis Batch: 749486

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-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 12:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 12:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 12:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 12:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 12:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 12:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 12:57	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 12:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 12:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 12:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 12:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 12:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 12:57	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 12:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 12:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 12:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 12:57	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 12:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 12:57	1
Acetone	ND		10	3.0	ug/L			06/20/25 12:57	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 12:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 12:57	1
Bromoform	ND		1.0	0.26	ug/L			06/20/25 12:57	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 12:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 12:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 12:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 12:57	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 12:57	1
Chloroform	ND		1.0	0.34	ug/L			06/20/25 12:57	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 12:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 12:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 12:57	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 12:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 12:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 12:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 12:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 12:57	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 12:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 12:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 12:57	1
Methylene Chloride	0.871	J	1.0	0.44	ug/L			06/20/25 12:57	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 12:57	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 12:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 12:57	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 12:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 12:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 12:57	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/25 12:57	1

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: MB 480-749486/8

Matrix: Water

Analysis Batch: 749486

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 12:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 12:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 12:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120					06/20/25 12:57	1
4-Bromofluorobenzene (Surr)	90		73 - 120					06/20/25 12:57	1
Dibromofluoromethane (Surr)	92		75 - 123					06/20/25 12:57	1
Toluene-d8 (Surr)	100		80 - 120					06/20/25 12:57	1

Lab Sample ID: LCS 480-749486/6

Matrix: Water

Analysis Batch: 749486

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-Trichloroethane	25.0	24.2		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.5		ug/L		102	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3		ug/L		109	61 - 148
1,1,2-Trichloroethane	25.0	24.9		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	26.4		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	23.4		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	24.3		ug/L		97	79 - 122
1,2,4-Trimethylbenzene	25.0	26.2		ug/L		105	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	21.7		ug/L		87	56 - 134
1,2-Dibromoethane	25.0	25.0		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	25.9		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	27.1		ug/L		108	75 - 120
1,2-Dichloropropane	25.0	25.8		ug/L		103	76 - 120
1,3,5-Trimethylbenzene	25.0	26.3		ug/L		105	77 - 121
1,3-Dichlorobenzene	25.0	25.9		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 120
2-Butanone (MEK)	125	133		ug/L		106	57 - 140
2-Hexanone	125	148		ug/L		118	65 - 127
4-Methyl-2-pentanone (MIBK)	125	142		ug/L		113	71 - 125
Acetone	125	146		ug/L		117	56 - 142
Benzene	25.0	25.4		ug/L		102	71 - 124
Bromodichloromethane	25.0	22.4		ug/L		89	80 - 122
Bromoform	25.0	18.8		ug/L		75	61 - 132
Bromomethane	25.0	21.9		ug/L		87	55 - 144
Carbon disulfide	25.0	22.5		ug/L		90	59 - 134
Carbon tetrachloride	25.0	25.3		ug/L		101	72 - 134
Chlorobenzene	25.0	24.7		ug/L		99	80 - 120
Chloroethane	25.0	24.4		ug/L		98	69 - 136
Chloroform	25.0	24.6		ug/L		98	73 - 127
Chloromethane	25.0	23.5		ug/L		94	68 - 124
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	23.6		ug/L		94	74 - 124
Cyclohexane	25.0	25.8		ug/L		103	59 - 135

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: LCS 480-749486/6

Matrix: Water

Analysis Batch: 749486

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	25.0	21.0		ug/L		84	75 - 125
Dichlorodifluoromethane	25.0	18.2		ug/L		73	59 - 135
Ethylbenzene	25.0	25.9		ug/L		103	77 - 123
Isopropylbenzene	25.0	26.5		ug/L		106	77 - 122
Methyl acetate	50.0	49.4		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	24.7		ug/L		99	77 - 120
Methylcyclohexane	25.0	24.1		ug/L		97	68 - 134
Methylene Chloride	25.0	24.4		ug/L		97	75 - 124
N-Propylbenzene	25.0	27.4		ug/L		110	75 - 127
Styrene	25.0	23.9		ug/L		95	80 - 120
Tetrachloroethene	25.0	24.9		ug/L		99	74 - 122
Toluene	25.0	25.9		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	23.8		ug/L		95	80 - 120
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	26.6		ug/L		107	62 - 150
Vinyl chloride	25.0	27.3		ug/L		109	65 - 133
Xylenes, Total	50.0	49.8		ug/L		100	76 - 122

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	91		73 - 120
Dibromofluoromethane (Surr)	92		75 - 123
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 480-749533/8

Matrix: Water

Analysis Batch: 749533

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/21/25 00:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/25 00:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/25 00:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/25 00:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/25 00:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/25 00:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/25 00:01	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/21/25 00:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/25 00:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/25 00:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/25 00:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/25 00:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/25 00:01	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/21/25 00:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/25 00:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/25 00:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/25 00:01	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/25 00:01	1

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: MB 480-749533/8

Matrix: Water

Analysis Batch: 749533

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/25 00:01	1
Acetone	ND		10	3.0	ug/L			06/21/25 00:01	1
Benzene	ND		1.0	0.41	ug/L			06/21/25 00:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/25 00:01	1
Bromoform	ND		1.0	0.26	ug/L			06/21/25 00:01	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/25 00:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/25 00:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/25 00:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/25 00:01	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/25 00:01	1
Chloroform	ND		1.0	0.34	ug/L			06/21/25 00:01	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/25 00:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/25 00:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/25 00:01	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/25 00:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/25 00:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/21/25 00:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/25 00:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/25 00:01	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/25 00:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/25 00:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/25 00:01	1
Methylene Chloride	0.731	J	1.0	0.44	ug/L			06/21/25 00:01	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/21/25 00:01	1
Styrene	ND		1.0	0.73	ug/L			06/21/25 00:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/21/25 00:01	1
Toluene	ND		1.0	0.51	ug/L			06/21/25 00:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/25 00:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/25 00:01	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/25 00:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/25 00:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/25 00:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/25 00:01	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/21/25 00:01	1
4-Bromofluorobenzene (Surr)	87		73 - 120		06/21/25 00:01	1
Dibromofluoromethane (Surr)	90		75 - 123		06/21/25 00:01	1
Toluene-d8 (Surr)	103		80 - 120		06/21/25 00:01	1

Lab Sample ID: LCS 480-749533/6

Matrix: Water

Analysis Batch: 749533

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-Trichloroethane	25.0	23.7		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.1		ug/L		104	61 - 148

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: LCS 480-749533/6

Matrix: Water

Analysis Batch: 749533

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	25.5		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	22.8		ug/L		91	66 - 127
1,2,4-Trichlorobenzene	25.0	23.4		ug/L		93	79 - 122
1,2,4-Trimethylbenzene	25.0	25.6		ug/L		102	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	21.2		ug/L		85	56 - 134
1,2-Dibromoethane	25.0	23.1		ug/L		92	77 - 120
1,2-Dichlorobenzene	25.0	25.9		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3,5-Trimethylbenzene	25.0	26.3		ug/L		105	77 - 121
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 120
2-Butanone (MEK)	125	124		ug/L		99	57 - 140
2-Hexanone	125	139		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	133		ug/L		106	56 - 142
Benzene	25.0	24.9		ug/L		99	71 - 124
Bromodichloromethane	25.0	21.2		ug/L		85	80 - 122
Bromoform	25.0	16.7		ug/L		67	61 - 132
Bromomethane	25.0	21.4		ug/L		85	55 - 144
Carbon disulfide	25.0	21.4		ug/L		86	59 - 134
Carbon tetrachloride	25.0	23.9		ug/L		96	72 - 134
Chlorobenzene	25.0	24.4		ug/L		98	80 - 120
Chloroethane	25.0	24.1		ug/L		96	69 - 136
Chloroform	25.0	24.2		ug/L		97	73 - 127
Chloromethane	25.0	23.7		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	22.6		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	22.4		ug/L		90	74 - 124
Cyclohexane	25.0	25.7		ug/L		103	59 - 135
Dibromochloromethane	25.0	20.1		ug/L		80	75 - 125
Dichlorodifluoromethane	25.0	17.1		ug/L		68	59 - 135
Ethylbenzene	25.0	25.3		ug/L		101	77 - 123
Isopropylbenzene	25.0	26.2		ug/L		105	77 - 122
Methyl acetate	50.0	47.2		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	23.3		ug/L		93	77 - 120
Methylcyclohexane	25.0	23.4		ug/L		94	68 - 134
Methylene Chloride	25.0	23.7		ug/L		95	75 - 124
N-Propylbenzene	25.0	27.3		ug/L		109	75 - 127
Styrene	25.0	23.3		ug/L		93	80 - 120
Tetrachloroethene	25.0	41.5	*+	ug/L		166	74 - 122
Toluene	25.0	25.5		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	22.4		ug/L		90	80 - 120
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	26.5		ug/L		106	62 - 150
Vinyl chloride	25.0	27.8		ug/L		111	65 - 133
Xylenes, Total	50.0	48.0		ug/L		96	76 - 122

QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: LCS 480-749533/6

Matrix: Water

Analysis Batch: 749533

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
4-Bromofluorobenzene (Surr)	88		73 - 120
Dibromofluoromethane (Surr)	92		75 - 123
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: MB 480-749755/8

Matrix: Water

Analysis Batch: 749755

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/24/25 01:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/25 01:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/25 01:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/25 01:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/25 01:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/25 01:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/25 01:08	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/24/25 01:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/25 01:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/25 01:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/25 01:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/25 01:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/25 01:08	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/24/25 01:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/25 01:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/25 01:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/25 01:08	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/25 01:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/25 01:08	1
Acetone	ND		10	3.0	ug/L			06/24/25 01:08	1
Benzene	ND		1.0	0.41	ug/L			06/24/25 01:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/25 01:08	1
Bromoform	ND		1.0	0.26	ug/L			06/24/25 01:08	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/25 01:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/25 01:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/25 01:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/25 01:08	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/25 01:08	1
Chloroform	ND		1.0	0.34	ug/L			06/24/25 01:08	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/25 01:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/25 01:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/25 01:08	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/25 01:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/25 01:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/25 01:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/25 01:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/25 01:08	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/25 01:08	1

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: MB 480-749755/8

Matrix: Water

Analysis Batch: 749755

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/25 01:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/25 01:08	1
Methylene Chloride	0.768	J	1.0	0.44	ug/L			06/24/25 01:08	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/24/25 01:08	1
Styrene	ND		1.0	0.73	ug/L			06/24/25 01:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/25 01:08	1
Toluene	ND		1.0	0.51	ug/L			06/24/25 01:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/25 01:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/25 01:08	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/25 01:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/25 01:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/25 01:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/25 01:08	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/24/25 01:08	1
4-Bromofluorobenzene (Surr)	89		73 - 120		06/24/25 01:08	1
Dibromofluoromethane (Surr)	90		75 - 123		06/24/25 01:08	1
Toluene-d8 (Surr)	101		80 - 120		06/24/25 01:08	1

Lab Sample ID: LCS 480-749755/6

Matrix: Water

Analysis Batch: 749755

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-Trichloroethane	25.0	26.2		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.0		ug/L		108	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.9		ug/L		116	61 - 148
1,1,2-Trichloroethane	25.0	25.5		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	28.4		ug/L		113	77 - 120
1,1-Dichloroethene	25.0	25.1		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	25.0	26.7		ug/L		107	79 - 122
1,2,4-Trimethylbenzene	25.0	28.1		ug/L		112	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		98	56 - 134
1,2-Dibromoethane	25.0	25.7		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	27.7		ug/L		111	80 - 124
1,2-Dichloroethane	25.0	27.8		ug/L		111	75 - 120
1,2-Dichloropropane	25.0	27.3		ug/L		109	76 - 120
1,3,5-Trimethylbenzene	25.0	28.8		ug/L		115	77 - 121
1,3-Dichlorobenzene	25.0	27.6		ug/L		110	77 - 120
1,4-Dichlorobenzene	25.0	26.9		ug/L		108	80 - 120
2-Butanone (MEK)	125	134		ug/L		107	57 - 140
2-Hexanone	125	148		ug/L		119	65 - 127
4-Methyl-2-pentanone (MIBK)	125	148		ug/L		118	71 - 125
Acetone	125	141		ug/L		113	56 - 142
Benzene	25.0	27.2		ug/L		109	71 - 124
Bromodichloromethane	25.0	23.1		ug/L		92	80 - 122
Bromoform	25.0	19.4		ug/L		77	61 - 132

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: LCS 480-749755/6

Matrix: Water

Analysis Batch: 749755

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	25.0	24.9		ug/L		100	55 - 144
Carbon disulfide	25.0	24.2		ug/L		97	59 - 134
Carbon tetrachloride	25.0	26.0		ug/L		104	72 - 134
Chlorobenzene	25.0	26.4		ug/L		105	80 - 120
Chloroethane	25.0	25.9		ug/L		103	69 - 136
Chloroform	25.0	26.3		ug/L		105	73 - 127
Chloromethane	25.0	28.5		ug/L		114	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	74 - 124
Cyclohexane	25.0	28.5		ug/L		114	59 - 135
Dibromochloromethane	25.0	22.3		ug/L		89	75 - 125
Dichlorodifluoromethane	25.0	24.2		ug/L		97	59 - 135
Ethylbenzene	25.0	27.7		ug/L		111	77 - 123
Isopropylbenzene	25.0	28.6		ug/L		115	77 - 122
Methyl acetate	50.0	50.2		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	25.5		ug/L		102	77 - 120
Methylcyclohexane	25.0	26.4		ug/L		106	68 - 134
Methylene Chloride	25.0	26.7		ug/L		107	75 - 124
N-Propylbenzene	25.0	30.1		ug/L		120	75 - 127
Styrene	25.0	24.9		ug/L		100	80 - 120
Tetrachloroethene	25.0	27.0		ug/L		108	74 - 122
Toluene	25.0	27.4		ug/L		110	80 - 122
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	80 - 120
Trichloroethene	25.0	25.3		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	29.5		ug/L		118	62 - 150
Vinyl chloride	25.0	31.8		ug/L		127	65 - 133
Xylenes, Total	50.0	52.2		ug/L		104	76 - 122

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		77 - 120
4-Bromofluorobenzene (Surr)	89		73 - 120
Dibromofluoromethane (Surr)	93		75 - 123
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: MB 480-749897/8

Matrix: Water

Analysis Batch: 749897

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/24/25 23:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/25 23:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/25 23:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/25 23:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/25 23:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/25 23:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/25 23:29	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/24/25 23:29	1

Eurofins Buffalo

QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: MB 480-749897/8

Matrix: Water

Analysis Batch: 749897

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/25 23:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/25 23:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/25 23:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/25 23:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/25 23:29	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/24/25 23:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/25 23:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/25 23:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/25 23:29	1
2-Hexanone	ND		5.0	1.2	ug/L			06/24/25 23:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/25 23:29	1
Acetone	ND		10	3.0	ug/L			06/24/25 23:29	1
Benzene	ND		1.0	0.41	ug/L			06/24/25 23:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/25 23:29	1
Bromoform	ND		1.0	0.26	ug/L			06/24/25 23:29	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/25 23:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/25 23:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/25 23:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/25 23:29	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/25 23:29	1
Chloroform	ND		1.0	0.34	ug/L			06/24/25 23:29	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/25 23:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/25 23:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/25 23:29	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/25 23:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/25 23:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/25 23:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/25 23:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/25 23:29	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/25 23:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/25 23:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/25 23:29	1
Methylene Chloride	0.942	J	1.0	0.44	ug/L			06/24/25 23:29	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/24/25 23:29	1
Styrene	ND		1.0	0.73	ug/L			06/24/25 23:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/25 23:29	1
Toluene	ND		1.0	0.51	ug/L			06/24/25 23:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/25 23:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/25 23:29	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/25 23:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/24/25 23:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/24/25 23:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/25 23:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/24/25 23:29	1
4-Bromofluorobenzene (Surr)	92		73 - 120		06/24/25 23:29	1
Dibromofluoromethane (Surr)	91		75 - 123		06/24/25 23:29	1

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: MB 480-749897/8

Matrix: Water

Analysis Batch: 749897

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	103		80 - 120		06/24/25 23:29	1

Lab Sample ID: LCS 480-749897/6

Matrix: Water

Analysis Batch: 749897

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-Trichloroethane	25.0	24.8		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.8		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.9		ug/L		112	61 - 148
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	27.4		ug/L		110	77 - 120
1,1-Dichloroethene	25.0	23.5		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	24.1		ug/L		96	79 - 122
1,2,4-Trimethylbenzene	25.0	26.0		ug/L		104	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	21.1		ug/L		84	56 - 134
1,2-Dibromoethane	25.0	23.7		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	26.9		ug/L		107	75 - 120
1,2-Dichloropropane	25.0	25.7		ug/L		103	76 - 120
1,3,5-Trimethylbenzene	25.0	26.4		ug/L		106	77 - 121
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 120
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
2-Hexanone	125	147		ug/L		117	65 - 127
4-Methyl-2-pentanone (MIBK)	125	142		ug/L		113	71 - 125
Acetone	125	147		ug/L		117	56 - 142
Benzene	25.0	25.7		ug/L		103	71 - 124
Bromodichloromethane	25.0	21.5		ug/L		86	80 - 122
Bromoform	25.0	17.8		ug/L		71	61 - 132
Bromomethane	25.0	23.0		ug/L		92	55 - 144
Carbon disulfide	25.0	23.2		ug/L		93	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	24.4		ug/L		98	80 - 120
Chloroethane	25.0	25.4		ug/L		101	69 - 136
Chloroform	25.0	25.1		ug/L		100	73 - 127
Chloromethane	25.0	27.3		ug/L		109	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	23.3		ug/L		93	74 - 124
Cyclohexane	25.0	26.9		ug/L		107	59 - 135
Dibromochloromethane	25.0	20.1		ug/L		81	75 - 125
Dichlorodifluoromethane	25.0	19.9		ug/L		80	59 - 135
Ethylbenzene	25.0	25.6		ug/L		102	77 - 123
Isopropylbenzene	25.0	26.4		ug/L		105	77 - 122
Methyl acetate	50.0	51.3		ug/L		103	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	77 - 120
Methylcyclohexane	25.0	24.7		ug/L		99	68 - 134
Methylene Chloride	25.0	23.8		ug/L		95	75 - 124

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: LCS 480-749897/6

Matrix: Water

Analysis Batch: 749897

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Propylbenzene	25.0	27.8		ug/L		111	75 - 127
Styrene	25.0	24.4		ug/L		97	80 - 120
Tetrachloroethene	25.0	24.4		ug/L		97	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	24.1		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	23.1		ug/L		92	80 - 120
Trichloroethene	25.0	23.7		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	28.5		ug/L		114	62 - 150
Vinyl chloride	25.0	29.4		ug/L		118	65 - 133
Xylenes, Total	50.0	48.5		ug/L		97	76 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
4-Bromofluorobenzene (Surr)	88		73 - 120
Dibromofluoromethane (Surr)	96		75 - 123
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: 480-230498-2 MS

Matrix: Water

Analysis Batch: 749897

Client Sample ID: IW-3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		500	517		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	ND		500	508		ug/L		102	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	572		ug/L		114	61 - 148
1,1,2-Trichloroethane	ND		500	498		ug/L		100	76 - 122
1,1-Dichloroethane	ND		500	570		ug/L		114	77 - 120
1,1-Dichloroethene	ND		500	490		ug/L		98	66 - 127
1,2,4-Trichlorobenzene	ND		500	499		ug/L		100	79 - 122
1,2,4-Trimethylbenzene	1600	F1	500	1770	F1	ug/L		34	76 - 121
1,2-Dibromo-3-Chloropropane	ND		500	415		ug/L		83	56 - 134
1,2-Dibromoethane	ND		500	506		ug/L		101	77 - 120
1,2-Dichlorobenzene	ND		500	527		ug/L		105	80 - 124
1,2-Dichloroethane	ND		500	563		ug/L		113	75 - 120
1,2-Dichloropropane	ND		500	521		ug/L		104	76 - 120
1,3,5-Trimethylbenzene	820	F1	500	1170	F1	ug/L		71	77 - 121
1,3-Dichlorobenzene	ND		500	531		ug/L		106	77 - 120
1,4-Dichlorobenzene	ND		500	509		ug/L		102	78 - 124
2-Butanone (MEK)	ND		2500	2560		ug/L		102	57 - 140
2-Hexanone	ND		2500	2810		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		2500	2800		ug/L		112	71 - 125
Acetone	110	J	2500	2580		ug/L		99	56 - 142
Benzene	ND		500	541		ug/L		108	71 - 124
Bromodichloromethane	ND		500	439		ug/L		88	80 - 122
Bromoform	ND		500	368		ug/L		74	61 - 132
Bromomethane	ND		500	460		ug/L		92	55 - 144
Carbon disulfide	ND		500	482		ug/L		96	59 - 134
Carbon tetrachloride	ND		500	508		ug/L		102	72 - 134

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: 480-230498-2 MS

Matrix: Water

Analysis Batch: 749897

Client Sample ID: IW-3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		500	522		ug/L		104	80 - 120
Chloroethane	ND		500	533		ug/L		107	69 - 136
Chloroform	ND		500	519		ug/L		104	73 - 127
Chloromethane	ND		500	543		ug/L		109	68 - 124
cis-1,2-Dichloroethene	ND		500	514		ug/L		103	74 - 124
cis-1,3-Dichloropropene	ND		500	461		ug/L		92	74 - 124
Cyclohexane	ND		500	548		ug/L		110	59 - 135
Dibromochloromethane	ND		500	423		ug/L		85	75 - 125
Dichlorodifluoromethane	ND		500	402		ug/L		80	59 - 135
Ethylbenzene	32		500	577		ug/L		109	77 - 123
Isopropylbenzene	77		500	612		ug/L		107	77 - 122
Methyl acetate	ND		1000	986		ug/L		99	74 - 133
Methyl tert-butyl ether	ND		500	504		ug/L		101	77 - 120
Methylcyclohexane	ND		500	485		ug/L		97	68 - 134
Methylene Chloride	ND		500	491		ug/L		98	75 - 124
N-Propylbenzene	78		500	631		ug/L		111	75 - 127
Styrene	ND		500	519		ug/L		104	80 - 120
Tetrachloroethene	ND		500	510		ug/L		102	74 - 122
Toluene	ND		500	532		ug/L		106	80 - 122
trans-1,2-Dichloroethene	ND		500	501		ug/L		100	73 - 127
trans-1,3-Dichloropropene	ND		500	459		ug/L		92	80 - 120
Trichloroethene	ND		500	482		ug/L		96	74 - 123
Trichlorofluoromethane	ND		500	569		ug/L		114	62 - 150
Vinyl chloride	ND		500	612		ug/L		122	65 - 133
Xylenes, Total	510		1000	1440		ug/L		93	76 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	91		73 - 120
Dibromofluoromethane (Surr)	94		75 - 123
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 480-230498-2 MSD

Matrix: Water

Analysis Batch: 749897

Client Sample ID: IW-3

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-Trichloroethane	ND		500	479		ug/L		96	73 - 126	8	15
1,1,2,2-Tetrachloroethane	ND		500	510		ug/L		102	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	531		ug/L		106	61 - 148	7	20
1,1,2-Trichloroethane	ND		500	501		ug/L		100	76 - 122	1	15
1,1-Dichloroethane	ND		500	525		ug/L		105	77 - 120	8	20
1,1-Dichloroethene	ND		500	454		ug/L		91	66 - 127	8	16
1,2,4-Trichlorobenzene	ND		500	487		ug/L		97	79 - 122	3	20
1,2,4-Trimethylbenzene	1600	F1	500	1690	F1	ug/L		18	76 - 121	5	20
1,2-Dibromo-3-Chloropropane	ND		500	434		ug/L		87	56 - 134	5	15
1,2-Dibromoethane	ND		500	507		ug/L		101	77 - 120	0	15
1,2-Dichlorobenzene	ND		500	513		ug/L		103	80 - 124	3	20

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

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

Lab Sample ID: 480-230498-2 MSD

Matrix: Water

Analysis Batch: 749897

Client Sample ID: IW-3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		500	524		ug/L		105	75 - 120	7	20
1,2-Dichloropropane	ND		500	505		ug/L		101	76 - 120	3	20
1,3,5-Trimethylbenzene	820	F1	500	1130	F1	ug/L		63	77 - 121	4	20
1,3-Dichlorobenzene	ND		500	509		ug/L		102	77 - 120	4	20
1,4-Dichlorobenzene	ND		500	496		ug/L		99	78 - 124	3	20
2-Butanone (MEK)	ND		2500	2510		ug/L		101	57 - 140	2	20
2-Hexanone	ND		2500	2950		ug/L		118	65 - 127	5	15
4-Methyl-2-pentanone (MIBK)	ND		2500	2880		ug/L		115	71 - 125	3	35
Acetone	110	J	2500	2630		ug/L		101	56 - 142	2	15
Benzene	ND		500	502		ug/L		100	71 - 124	7	13
Bromodichloromethane	ND		500	435		ug/L		87	80 - 122	1	15
Bromoform	ND		500	357		ug/L		71	61 - 132	3	15
Bromomethane	ND		500	441		ug/L		88	55 - 144	4	15
Carbon disulfide	ND		500	453		ug/L		91	59 - 134	6	15
Carbon tetrachloride	ND		500	478		ug/L		96	72 - 134	6	15
Chlorobenzene	ND		500	492		ug/L		98	80 - 120	6	25
Chloroethane	ND		500	490		ug/L		98	69 - 136	8	15
Chloroform	ND		500	475		ug/L		95	73 - 127	9	20
Chloromethane	ND		500	476		ug/L		95	68 - 124	13	15
cis-1,2-Dichloroethene	ND		500	464		ug/L		93	74 - 124	10	15
cis-1,3-Dichloropropene	ND		500	449		ug/L		90	74 - 124	3	15
Cyclohexane	ND		500	505		ug/L		101	59 - 135	8	20
Dibromochloromethane	ND		500	411		ug/L		82	75 - 125	3	15
Dichlorodifluoromethane	ND		500	375		ug/L		75	59 - 135	7	20
Ethylbenzene	32		500	549		ug/L		104	77 - 123	5	15
Isopropylbenzene	77		500	580		ug/L		101	77 - 122	5	20
Methyl acetate	ND		1000	961		ug/L		96	74 - 133	3	20
Methyl tert-butyl ether	ND		500	481		ug/L		96	77 - 120	5	37
Methylcyclohexane	ND		500	471		ug/L		94	68 - 134	3	20
Methylene Chloride	ND		500	449		ug/L		90	75 - 124	9	15
N-Propylbenzene	78		500	593		ug/L		103	75 - 127	6	15
Styrene	ND		500	503		ug/L		101	80 - 120	3	20
Tetrachloroethene	ND		500	496		ug/L		99	74 - 122	3	20
Toluene	ND		500	523		ug/L		105	80 - 122	2	15
trans-1,2-Dichloroethene	ND		500	471		ug/L		94	73 - 127	6	20
trans-1,3-Dichloropropene	ND		500	471		ug/L		94	80 - 120	2	15
Trichloroethene	ND		500	467		ug/L		93	74 - 123	3	16
Trichlorofluoromethane	ND		500	530		ug/L		106	62 - 150	7	20
Vinyl chloride	ND		500	572		ug/L		114	65 - 133	7	15
Xylenes, Total	510		1000	1370		ug/L		86	76 - 122	5	16
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	102		77 - 120								
4-Bromofluorobenzene (Surr)	90		73 - 120								
Dibromofluoromethane (Surr)	92		75 - 123								
Toluene-d8 (Surr)	102		80 - 120								

Definitions/Glossary

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds 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

QC Association Summary

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

GC/MS VOA

Analysis Batch: 749486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230498-1	GT-14	Total/NA	Water	8260C	
480-230498-8	GT-16	Total/NA	Water	8260C	
480-230498-9	GT-9R	Total/NA	Water	8260C	
480-230498-10	VRI-3	Total/NA	Water	8260C	
480-230498-11	VRI-4	Total/NA	Water	8260C	
MB 480-749486/8	Method Blank	Total/NA	Water	8260C	
LCS 480-749486/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 749533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230498-4	EB-20250616	Total/NA	Water	8260C	
480-230498-12	TRIP BLANK-20250616	Total/NA	Water	8260C	
MB 480-749533/8	Method Blank	Total/NA	Water	8260C	
LCS 480-749533/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 749755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230498-3	VRI-1	Total/NA	Water	8260C	
480-230498-5	DUP-20250618	Total/NA	Water	8260C	
480-230498-6	IW-6	Total/NA	Water	8260C	
480-230498-7	VRI-10	Total/NA	Water	8260C	
MB 480-749755/8	Method Blank	Total/NA	Water	8260C	
LCS 480-749755/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 749897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230498-2	IW-3	Total/NA	Water	8260C	
MB 480-749897/8	Method Blank	Total/NA	Water	8260C	
LCS 480-749897/6	Lab Control Sample	Total/NA	Water	8260C	
480-230498-2 MS	IW-3	Total/NA	Water	8260C	
480-230498-2 MSD	IW-3	Total/NA	Water	8260C	

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-14

Lab Sample ID: 480-230498-1

Date Collected: 06/17/25 15:14

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749486	ATG	EET BUF	06/20/25 18:35

Client Sample ID: IW-3

Lab Sample ID: 480-230498-2

Date Collected: 06/18/25 13:58

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	749897	ATG	EET BUF	06/25/25 02:12

Client Sample ID: VRI-1

Lab Sample ID: 480-230498-3

Date Collected: 06/18/25 12:46

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		100	749755	ATG	EET BUF	06/24/25 03:50

Client Sample ID: EB-20250616

Lab Sample ID: 480-230498-4

Date Collected: 06/16/25 12:50

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749533	ATG	EET BUF	06/21/25 06:12

Client Sample ID: DUP-20250618

Lab Sample ID: 480-230498-5

Date Collected: 06/18/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		100	749755	ATG	EET BUF	06/24/25 04:13

Client Sample ID: IW-6

Lab Sample ID: 480-230498-6

Date Collected: 06/18/25 11:17

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		200	749755	ATG	EET BUF	06/24/25 04:37

Client Sample ID: VRI-10

Lab Sample ID: 480-230498-7

Date Collected: 06/18/25 09:52

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749755	ATG	EET BUF	06/24/25 05:00

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-16

Lab Sample ID: 480-230498-8

Date Collected: 06/17/25 17:05

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749486	ATG	EET BUF	06/20/25 18:59

Client Sample ID: GT-9R

Lab Sample ID: 480-230498-9

Date Collected: 06/17/25 11:01

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749486	ATG	EET BUF	06/20/25 19:22

Client Sample ID: VRI-3

Lab Sample ID: 480-230498-10

Date Collected: 06/17/25 13:41

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749486	ATG	EET BUF	06/20/25 19:45

Client Sample ID: VRI-4

Lab Sample ID: 480-230498-11

Date Collected: 06/17/25 12:31

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749486	ATG	EET BUF	06/20/25 20:08

Client Sample ID: TRIP BLANK-20250616

Lab Sample ID: 480-230498-12

Date Collected: 06/16/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	749533	ATG	EET BUF	06/21/25 06:35

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
8260 CORP mix_00267	07/06/25	05/06/25	Methanol, Lot 22C2362001	20 mL	2-CEVE_00241	800 uL	2-Chloroethyl vinyl ether	100 ug/mL
					Acrolein Mix_00518	500 uL	Acrolein	500 ug/mL
					Ketones_00231	800 uL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
					MegaMix_00240	800 uL	Acetone	500 ug/mL
							1,1,1,2-Tetrachloroethane	100 ug/mL
							1,1,1-Trichloroethane	100 ug/mL
							1,1,2,2-Tetrachloroethane	100 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	100 ug/mL
							1,1,2-Trichloroethane	100 ug/mL
							1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							1,1-Dichloropropene	100 ug/mL
							1,2,3-Trichlorobenzene	100 ug/mL
							1,2,3-Trichloropropane	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2,4-Trimethylbenzene	100 ug/mL
							1,2-Dibromo-3-Chloropropane	100 ug/mL
							1,2-Dibromoethane	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dichloroethane	100 ug/mL
							1,2-Dichloropropane	100 ug/mL
							1,3,5-Trimethylbenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dichloropropane	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	2000 ug/mL
							2,2-Dichloropropane	100 ug/mL
							2-Chlorotoluene	100 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							3-Chloro-1-propene	100 ug/mL
							4-Chlorotoluene	100 ug/mL
							4-Isopropyltoluene	100 ug/mL
							Acrylonitrile	1000 ug/mL
							Benzene	100 ug/mL
							Bromobenzene	100 ug/mL
							Bromodichloromethane	100 ug/mL
							Bromoform	100 ug/mL
							Carbon disulfide	100 ug/mL
							Carbon tetrachloride	100 ug/mL
							Chlorobenzene	100 ug/mL
							Chlorobromomethane	100 ug/mL
							Chloroform	100 ug/mL
							cis-1,2-Dichloroethene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

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	100 ug/mL
							Cyclohexane	100 ug/mL
							Dibromochloromethane	100 ug/mL
							Dibromomethane	100 ug/mL
							Ethyl ether	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Ethylbenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexane	100 ug/mL
							Iodomethane	100 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	200 ug/mL
							Methyl tert-butyl ether	100 ug/mL
							Methylcyclohexane	100 ug/mL
							Methylene Chloride	100 ug/mL
							n-Butylbenzene	100 ug/mL
							n-Heptane	100 ug/mL
							N-Propylbenzene	100 ug/mL
							Naphthalene	100 ug/mL
							o-Xylene	100 ug/mL
							sec-Butylbenzene	100 ug/mL
							Styrene	100 ug/mL
							tert-Butylbenzene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Tetrahydrofuran	200 ug/mL
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							trans-1,4-Dichloro-2-butene	100 ug/mL
							Trichloroethene	100 ug/mL
.2-CEVE_00241	06/30/27		Restek, Lot A0213181		Vinyl Acetate_00366	800 uL	Vinyl acetate	200 ug/mL
.Acrolein Mix_00518	05/31/26		Restek, Lot A0219356		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.Ketones_00231	04/30/27		Restek, Lot A02010935		(Purchased Reagent)		Acrolein	20000 ug/mL
.MegaMix_00240	04/30/26		Restek, Lot A0203458		(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
							1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

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	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00366	09/30/25		Restek, Lot A0209567		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260 CORP mix_00268	08/09/25	06/09/25	Methanol, Lot 22C2362001	20 mL	Ketones_00233	800 uL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
					MegaMix_00241	800 uL	1,1,1-Trichloroethane	100 ug/mL
							1,1,2,2-Tetrachloroethane	100 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	100 ug/mL
							1,1,2-Trichloroethane	100 ug/mL
							1,1-Dichloroethane	100 ug/mL
							1,1-Dichloroethene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2,4-Trimethylbenzene	100 ug/mL
							1,2-Dibromo-3-Chloropropane	100 ug/mL
							1,2-Dibromoethane	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dichloroethane	100 ug/mL
							1,2-Dichloropropane	100 ug/mL
							1,3,5-Trimethylbenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							Benzene	100 ug/mL
							Bromodichloromethane	100 ug/mL
							Bromoform	100 ug/mL
							Carbon disulfide	100 ug/mL
							Carbon tetrachloride	100 ug/mL
							Chlorobenzene	100 ug/mL
							Chloroform	100 ug/mL
							cis-1,2-Dichloroethene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

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	100 ug/mL
							Cyclohexane	100 ug/mL
							Dibromochloromethane	100 ug/mL
							Ethylbenzene	100 ug/mL
							Isopropylbenzene	100 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	200 ug/mL
							Methyl tert-butyl ether	100 ug/mL
							Methylcyclohexane	100 ug/mL
							Methylene Chloride	100 ug/mL
							N-Propylbenzene	100 ug/mL
							o-Xylene	100 ug/mL
							Styrene	100 ug/mL
							Tetrachloroethene	100 ug/mL
							Toluene	100 ug/mL
							trans-1,2-Dichloroethene	100 ug/mL
							trans-1,3-Dichloropropene	100 ug/mL
							Trichloroethene	100 ug/mL
.Ketones_00233	04/30/27		Restek, Lot A02010935		(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
.MegaMix_00241	04/30/26		Restek, Lot A0203458		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
BFB_WRK_00173							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV BFB STK_00096	20 uL	BFB	50 ug/mL
.MV_BFB_STK_00096	09/03/26		Supelco, Lot LRAD6467		(Purchased Reagent)		BFB	25000 ug/mL
BFB_WRK_00174							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					MV BFB STK_00096	20 uL	BFB	50 ug/mL
.MV_BFB_STK_00096	09/03/26		Supelco, Lot LRAD6467		(Purchased Reagent)		BFB	25000 ug/mL
GAS CORP mix_00677	05/19/25	05/12/25	Methanol, Lot EA832US	10 mL	8260/624-Gas_00577	400 uL	Bromomethane	100 ug/mL
							Butadiene	100 ug/mL
							Chloroethane	100 ug/mL
							Chloromethane	100 ug/mL
							Dichlorodifluoromethane	100 ug/mL
							Dichlorofluoromethane	100 ug/mL
							Trichlorofluoromethane	100 ug/mL
							Vinyl chloride	100 ug/mL
							Bromomethane	2500 ug/mL
.8260/624-Gas_00577	05/31/27		Restek, Lot A0211969		(Purchased Reagent)		Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS CORP mix_00682	06/23/25	06/16/25	Methanol, Lot EA832US	10 mL	8260/624-Gas_00579	400 uL	Bromomethane	100 ug/mL
							Chloroethane	100 ug/mL
							Chloromethane	100 ug/mL
							Dichlorodifluoromethane	100 ug/mL
							Trichlorofluoromethane	100 ug/mL
							Vinyl chloride	100 ug/mL
.8260/624-Gas_00579	04/30/28		Restek, Lot A0224758		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GAS CORP mix_00683	06/30/25	06/23/25	Methanol, Lot EA832US	10 mL	8260/624-Gas_00580	400 uL	Bromomethane	100 ug/mL
							Chloroethane	100 ug/mL
							Chloromethane	100 ug/mL
							Dichlorodifluoromethane	100 ug/mL
							Trichlorofluoromethane	100 ug/mL
							Vinyl chloride	100 ug/mL
.8260/624-Gas_00580	04/30/28		Restek, Lot A0224758		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
s_8260_IS_00418	07/09/25	05/09/25	P&T Methanol, Lot 230446	20 mL	IS_STK_01862	1 mL	1,4-Dichlorobenzene-d4	125 ug/mL
							Chlorobenzene-d5	125 ug/mL
							Fluorobenzene (IS)	125 ug/mL
.IS_STK_01862	12/31/29		Restek, Lot A0219959		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
s_8260_IS_00419	08/02/25	06/02/25	P&T Methanol, Lot 230446	20 mL	IS_STK_01860	1 mL	1,4-Dichlorobenzene-d4	125 ug/mL
							Chlorobenzene-d5	125 ug/mL
							Fluorobenzene (IS)	125 ug/mL
.IS_STK_01860	12/31/29		Restek, Lot A0219959		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
s_8260_Surr_00507	07/12/25	05/12/25	P&T Methanol, Lot 288059	20 mL	SURR_STK_00572	1 mL	1,2-Dichloroethane-d4 (Surr)	125 ug/mL
							4-Bromofluorobenzene (Surr)	125 ug/mL
							Dibromofluoromethane (Surr)	125 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene-d8 (Surr)	125 ug/mL
.SURRE_STK_00572	11/07/25	Restek, Lot A0211048			(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
s_8260_Surr_00508	08/12/25	06/12/25	P&T Methanol, Lot 288059	20 mL	SURRE_STK_00573	1 mL	1,2-Dichloroethane-d4 (Surr)	125 ug/mL
							4-Bromofluorobenzene (Surr)	125 ug/mL
							Dibromofluoromethane (Surr)	125 ug/mL
							Toluene-d8 (Surr)	125 ug/mL
.SURRE_STK_00573	05/31/29	Restek, Lot A0211048			(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
SS 8260 CORP_00120	06/15/25	04/15/25	Methanol, Lot EH471US	20 mL	SS_Ketones_00103	800 uL	2-Butanone (MEK)	500 mg/L
							2-Hexanone	500 mg/L
							4-Methyl-2-pentanone (MIBK)	500 mg/L
							Acetone	500 mg/L
					SS_MegaMix_00135	800 uL	1,1,1-Trichloroethane	100 mg/L
							1,1,2,2-Tetrachloroethane	100 mg/L
							1,1,2-Trichloro-1,2,2-trifluor oethane	100 mg/L
							1,1,2-Trichloroethane	100 mg/L
							1,1-Dichloroethane	100 mg/L
							1,1-Dichloroethene	100 mg/L
							1,2,4-Trichlorobenzene	100 mg/L
							1,2,4-Trimethylbenzene	100 mg/L
							1,2-Dibromo-3-Chloropropene	100 mg/L
							1,2-Dibromoethane	100 mg/L
							1,2-Dichlorobenzene	100 mg/L
							1,2-Dichloroethane	100 mg/L
							1,2-Dichloropropene	100 mg/L
							1,3,5-Trimethylbenzene	100 mg/L
							1,3-Dichlorobenzene	100 mg/L
							1,4-Dichlorobenzene	100 mg/L
							Benzene	100 mg/L
							Bromodichloromethane	100 mg/L
							Bromoform	100 mg/L
							Carbon disulfide	100 mg/L
							Carbon tetrachloride	100 mg/L
							Chlorobenzene	100 mg/L
							Chloroform	100 mg/L
							cis-1,2-Dichloroethene	100 mg/L
							cis-1,3-Dichloropropene	100 mg/L
							Cyclohexane	100 mg/L
							Dibromochloromethane	100 mg/L
							Ethylbenzene	100 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropylbenzene	100 mg/L
							m-Xylene & p-Xylene	100 mg/L
							Methyl acetate	200 mg/L
							Methyl tert-butyl ether	100 mg/L
							Methylcyclohexane	100 mg/L
							Methylene Chloride	100 mg/L
							N-Propylbenzene	100 mg/L
							o-Xylene	100 mg/L
							Styrene	100 mg/L
							Tetrachloroethene	100 mg/L
							Toluene	100 mg/L
							trans-1,2-Dichloroethene	100 mg/L
							trans-1,3-Dichloropropene	100 mg/L
							Trichloroethene	100 mg/L
.SS_Ketones_00103	02/28/26	Restek, Lot A0194631			(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
.SS_MegaMix_00135	08/31/25	Restek, Lot A0195252			(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Isopropylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
SS GAS CORP_00630	05/19/25	05/12/25	Methanol, Lot EA832US	10 mL	SS8260-624gas_00569	400 uL	Bromomethane	100 ug/mL
							Chloroethane	100 ug/mL
							Chloromethane	100 ug/mL
							Dichlorodifluoromethane	100 ug/mL
							Trichlorofluoromethane	100 ug/mL
							Vinyl chloride	100 ug/mL
.SS8260-624gas_00569	01/31/28		Restek, Lot A0221030		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL

Reagent

8260/624-Gas_00579



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

8260/624 Gas 579-588



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. : 569722 **Lot No.:** A0224758

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : April 30, 2028 **Storage:** 0°C or colder

Shlp: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,520.0 µg/mL	+/- 142.0951
2	Chloromethane (methyl chloride)	74-87-3	1525538	99%	2,518.7 µg/mL	+/- 142.0257
3	Vinyl chloride	75-01-4	00015559	97%	2,516.6 µg/mL	+/- 141.7000
4	1,3-Butadiene	106-99-0	00019375	99%	2,522.5 µg/mL	+/- 141.9454
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,525.5 µg/mL	+/- 143.1018
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.5 µg/mL	+/- 142.2718
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.9 µg/mL	+/- 141.8357
8	Trichlorofluoromethane (CFC-11)	75-69-4	29320	99%	2,526.6 µg/mL	+/- 143.4191

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

Solvent: P&T Methanol

CAS # 67-56-1

Purity 99%

Method 8260C

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GT-14	480-230498-1	89	105	102	92
IW-3	480-230498-2	93	108	101	89
VRI-1	480-230498-3	92	106	101	91
EB-20250616	480-230498-4	89	102	101	89
DUP-20250618	480-230498-5	91	103	101	85
IW-6	480-230498-6	91	104	101	89
VRI-10	480-230498-7	90	103	103	87
GT-16	480-230498-8	92	103	99	89
GT-9R	480-230498-9	90	104	100	89
VRI-3	480-230498-10	91	105	102	90
VRI-4	480-230498-11	89	102	100	88
TRIP BLANK-20250616	480-230498-12	89	104	100	87
	MB 480-749486/8	92	107	100	90
	MB 480-749533/8	90	103	103	87
	MB 480-749755/8	90	102	101	89
	MB 480-749897/8	91	103	103	92
	LCS 480-749486/6	92	104	100	91
	LCS 480-749533/6	92	106	103	88
	LCS 480-749755/6	93	110	103	89
	LCS 480-749897/6	96	106	102	88
IW-3 MS	480-230498-2 MS	94	104	101	91
IW-3 MSD	480-230498-2 MSD	92	102	102	90

QC LIMITS

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

75-123
77-120
80-120
73-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: S8930.d
 Lab ID: LCS 480-749486/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	24.2	97	73-126	
1,1,2,2-Tetrachloroethane	25.0	25.5	102	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3	109	61-148	
1,1,2-Trichloroethane	25.0	24.9	100	76-122	
1,1-Dichloroethane	25.0	26.4	106	77-120	
1,1-Dichloroethene	25.0	23.4	94	66-127	
1,2,4-Trichlorobenzene	25.0	24.3	97	79-122	
1,2,4-Trimethylbenzene	25.0	26.2	105	76-121	
1,2-Dibromo-3-Chloropropane	25.0	21.7	87	56-134	
1,2-Dibromoethane	25.0	25.0	100	77-120	
1,2-Dichlorobenzene	25.0	25.9	104	80-124	
1,2-Dichloroethane	25.0	27.1	108	75-120	
1,2-Dichloropropane	25.0	25.8	103	76-120	
1,3,5-Trimethylbenzene	25.0	26.3	105	77-121	
1,3-Dichlorobenzene	25.0	25.9	104	77-120	
1,4-Dichlorobenzene	25.0	25.2	101	80-120	
2-Butanone (MEK)	125	133	106	57-140	
2-Hexanone	125	148	118	65-127	
4-Methyl-2-pentanone (MIBK)	125	142	113	71-125	
Acetone	125	146	117	56-142	
Benzene	25.0	25.4	102	71-124	
Bromodichloromethane	25.0	22.4	89	80-122	
Bromoform	25.0	18.8	75	61-132	
Bromomethane	25.0	21.9	87	55-144	
Carbon disulfide	25.0	22.5	90	59-134	
Carbon tetrachloride	25.0	25.3	101	72-134	
Chlorobenzene	25.0	24.7	99	80-120	
Chloroethane	25.0	24.4	98	69-136	
Chloroform	25.0	24.6	98	73-127	
Chloromethane	25.0	23.5	94	68-124	
cis-1,2-Dichloroethene	25.0	24.2	97	74-124	
cis-1,3-Dichloropropene	25.0	23.6	94	74-124	
Cyclohexane	25.0	25.8	103	59-135	
Dibromochloromethane	25.0	21.0	84	75-125	
Dichlorodifluoromethane	25.0	18.2	73	59-135	
Ethylbenzene	25.0	25.9	103	77-123	
Isopropylbenzene	25.0	26.5	106	77-122	
Methyl acetate	50.0	49.4	99	74-133	
Methyl tert-butyl ether	25.0	24.7	99	77-120	
Methylcyclohexane	25.0	24.1	97	68-134	
Methylene Chloride	25.0	24.4	97	75-124	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: S8930.d
Lab ID: LCS 480-749486/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Propylbenzene	25.0	27.4	110	75-127	
Styrene	25.0	23.9	95	80-120	
Tetrachloroethene	25.0	24.9	99	74-122	
Toluene	25.0	25.9	104	80-122	
trans-1,2-Dichloroethene	25.0	23.9	96	73-127	
trans-1,3-Dichloropropene	25.0	23.8	95	80-120	
Trichloroethene	25.0	23.8	95	74-123	
Trichlorofluoromethane	25.0	26.6	107	62-150	
Vinyl chloride	25.0	27.3	109	65-133	
Xylenes, Total	50.0	49.8	100	76-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: S8958.d
 Lab ID: LCS 480-749533/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	23.7	95	73-126	
1,1,2,2-Tetrachloroethane	25.0	23.5	94	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.1	104	61-148	
1,1,2-Trichloroethane	25.0	24.4	98	76-122	
1,1-Dichloroethane	25.0	25.5	102	77-120	
1,1-Dichloroethene	25.0	22.8	91	66-127	
1,2,4-Trichlorobenzene	25.0	23.4	93	79-122	
1,2,4-Trimethylbenzene	25.0	25.6	102	76-121	
1,2-Dibromo-3-Chloropropane	25.0	21.2	85	56-134	
1,2-Dibromoethane	25.0	23.1	92	77-120	
1,2-Dichlorobenzene	25.0	25.9	104	80-124	
1,2-Dichloroethane	25.0	26.0	104	75-120	
1,2-Dichloropropane	25.0	24.9	100	76-120	
1,3,5-Trimethylbenzene	25.0	26.3	105	77-121	
1,3-Dichlorobenzene	25.0	25.8	103	77-120	
1,4-Dichlorobenzene	25.0	25.2	101	80-120	
2-Butanone (MEK)	125	124	99	57-140	
2-Hexanone	125	139	111	65-127	
4-Methyl-2-pentanone (MIBK)	125	135	108	71-125	
Acetone	125	133	106	56-142	
Benzene	25.0	24.9	99	71-124	
Bromodichloromethane	25.0	21.2	85	80-122	
Bromoform	25.0	16.7	67	61-132	
Bromomethane	25.0	21.4	85	55-144	
Carbon disulfide	25.0	21.4	86	59-134	
Carbon tetrachloride	25.0	23.9	96	72-134	
Chlorobenzene	25.0	24.4	98	80-120	
Chloroethane	25.0	24.1	96	69-136	
Chloroform	25.0	24.2	97	73-127	
Chloromethane	25.0	23.7	95	68-124	
cis-1,2-Dichloroethene	25.0	22.6	91	74-124	
cis-1,3-Dichloropropene	25.0	22.4	90	74-124	
Cyclohexane	25.0	25.7	103	59-135	
Dibromochloromethane	25.0	20.1	80	75-125	
Dichlorodifluoromethane	25.0	17.1	68	59-135	
Ethylbenzene	25.0	25.3	101	77-123	
Isopropylbenzene	25.0	26.2	105	77-122	
Methyl acetate	50.0	47.2	94	74-133	
Methyl tert-butyl ether	25.0	23.3	93	77-120	
Methylcyclohexane	25.0	23.4	94	68-134	
Methylene Chloride	25.0	23.7	95	75-124	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: S8958.d
Lab ID: LCS 480-749533/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Propylbenzene	25.0	27.3	109	75-127	
Styrene	25.0	23.3	93	80-120	
Tetrachloroethene	25.0	41.5	166	74-122	*+
Toluene	25.0	25.5	102	80-122	
trans-1,2-Dichloroethene	25.0	23.0	92	73-127	
trans-1,3-Dichloropropene	25.0	22.4	90	80-120	
Trichloroethene	25.0	23.8	95	74-123	
Trichlorofluoromethane	25.0	26.5	106	62-150	
Vinyl chloride	25.0	27.8	111	65-133	
Xylenes, Total	50.0	48.0	96	76-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: S9017.d
 Lab ID: LCS 480-749755/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	26.2	105	73-126	
1,1,2,2-Tetrachloroethane	25.0	27.0	108	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.9	116	61-148	
1,1,2-Trichloroethane	25.0	25.5	102	76-122	
1,1-Dichloroethane	25.0	28.4	113	77-120	
1,1-Dichloroethene	25.0	25.1	100	66-127	
1,2,4-Trichlorobenzene	25.0	26.7	107	79-122	
1,2,4-Trimethylbenzene	25.0	28.1	112	76-121	
1,2-Dibromo-3-Chloropropane	25.0	24.6	98	56-134	
1,2-Dibromoethane	25.0	25.7	103	77-120	
1,2-Dichlorobenzene	25.0	27.7	111	80-124	
1,2-Dichloroethane	25.0	27.8	111	75-120	
1,2-Dichloropropane	25.0	27.3	109	76-120	
1,3,5-Trimethylbenzene	25.0	28.8	115	77-121	
1,3-Dichlorobenzene	25.0	27.6	110	77-120	
1,4-Dichlorobenzene	25.0	26.9	108	80-120	
2-Butanone (MEK)	125	134	107	57-140	
2-Hexanone	125	148	119	65-127	
4-Methyl-2-pentanone (MIBK)	125	148	118	71-125	
Acetone	125	141	113	56-142	
Benzene	25.0	27.2	109	71-124	
Bromodichloromethane	25.0	23.1	92	80-122	
Bromoform	25.0	19.4	77	61-132	
Bromomethane	25.0	24.9	100	55-144	
Carbon disulfide	25.0	24.2	97	59-134	
Carbon tetrachloride	25.0	26.0	104	72-134	
Chlorobenzene	25.0	26.4	105	80-120	
Chloroethane	25.0	25.9	103	69-136	
Chloroform	25.0	26.3	105	73-127	
Chloromethane	25.0	28.5	114	68-124	
cis-1,2-Dichloroethene	25.0	25.9	104	74-124	
cis-1,3-Dichloropropene	25.0	25.2	101	74-124	
Cyclohexane	25.0	28.5	114	59-135	
Dibromochloromethane	25.0	22.3	89	75-125	
Dichlorodifluoromethane	25.0	24.2	97	59-135	
Ethylbenzene	25.0	27.7	111	77-123	
Isopropylbenzene	25.0	28.6	115	77-122	
Methyl acetate	50.0	50.2	100	74-133	
Methyl tert-butyl ether	25.0	25.5	102	77-120	
Methylcyclohexane	25.0	26.4	106	68-134	
Methylene Chloride	25.0	26.7	107	75-124	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: S9017.d
 Lab ID: LCS 480-749755/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Propylbenzene	25.0	30.1	120	75-127	
Styrene	25.0	24.9	100	80-120	
Tetrachloroethene	25.0	27.0	108	74-122	
Toluene	25.0	27.4	110	80-122	
trans-1,2-Dichloroethene	25.0	25.5	102	73-127	
trans-1,3-Dichloropropene	25.0	25.1	100	80-120	
Trichloroethene	25.0	25.3	101	74-123	
Trichlorofluoromethane	25.0	29.5	118	62-150	
Vinyl chloride	25.0	31.8	127	65-133	
Xylenes, Total	50.0	52.2	104	76-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: S9070.d
 Lab ID: LCS 480-749897/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	24.8	99	73-126	
1,1,2,2-Tetrachloroethane	25.0	25.8	103	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.9	112	61-148	
1,1,2-Trichloroethane	25.0	24.0	96	76-122	
1,1-Dichloroethane	25.0	27.4	110	77-120	
1,1-Dichloroethene	25.0	23.5	94	66-127	
1,2,4-Trichlorobenzene	25.0	24.1	96	79-122	
1,2,4-Trimethylbenzene	25.0	26.0	104	76-121	
1,2-Dibromo-3-Chloropropane	25.0	21.1	84	56-134	
1,2-Dibromoethane	25.0	23.7	95	77-120	
1,2-Dichlorobenzene	25.0	25.7	103	80-124	
1,2-Dichloroethane	25.0	26.9	107	75-120	
1,2-Dichloropropane	25.0	25.7	103	76-120	
1,3,5-Trimethylbenzene	25.0	26.4	106	77-121	
1,3-Dichlorobenzene	25.0	26.0	104	77-120	
1,4-Dichlorobenzene	25.0	25.4	102	80-120	
2-Butanone (MEK)	125	135	108	57-140	
2-Hexanone	125	147	117	65-127	
4-Methyl-2-pentanone (MIBK)	125	142	113	71-125	
Acetone	125	147	117	56-142	
Benzene	25.0	25.7	103	71-124	
Bromodichloromethane	25.0	21.5	86	80-122	
Bromoform	25.0	17.8	71	61-132	
Bromomethane	25.0	23.0	92	55-144	
Carbon disulfide	25.0	23.2	93	59-134	
Carbon tetrachloride	25.0	24.7	99	72-134	
Chlorobenzene	25.0	24.4	98	80-120	
Chloroethane	25.0	25.4	101	69-136	
Chloroform	25.0	25.1	100	73-127	
Chloromethane	25.0	27.3	109	68-124	
cis-1,2-Dichloroethene	25.0	24.3	97	74-124	
cis-1,3-Dichloropropene	25.0	23.3	93	74-124	
Cyclohexane	25.0	26.9	107	59-135	
Dibromochloromethane	25.0	20.1	81	75-125	
Dichlorodifluoromethane	25.0	19.9	80	59-135	
Ethylbenzene	25.0	25.6	102	77-123	
Isopropylbenzene	25.0	26.4	105	77-122	
Methyl acetate	50.0	51.3	103	74-133	
Methyl tert-butyl ether	25.0	25.3	101	77-120	
Methylcyclohexane	25.0	24.7	99	68-134	
Methylene Chloride	25.0	23.8	95	75-124	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: S9070.d
 Lab ID: LCS 480-749897/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Propylbenzene	25.0	27.8	111	75-127	
Styrene	25.0	24.4	97	80-120	
Tetrachloroethene	25.0	24.4	97	74-122	
Toluene	25.0	25.7	103	80-122	
trans-1,2-Dichloroethene	25.0	24.1	97	73-127	
trans-1,3-Dichloropropene	25.0	23.1	92	80-120	
Trichloroethene	25.0	23.7	95	74-123	
Trichlorofluoromethane	25.0	28.5	114	62-150	
Vinyl chloride	25.0	29.4	118	65-133	
Xylenes, Total	50.0	48.5	97	76-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: S9082.d

Lab ID: 480-230498-2 MS Client ID: IW-3 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	500	ND	517	103	73-126	
1,1,2,2-Tetrachloroethane	500	ND	508	102	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	ND	572	114	61-148	
1,1,2-Trichloroethane	500	ND	498	100	76-122	
1,1-Dichloroethane	500	ND	570	114	77-120	
1,1-Dichloroethene	500	ND	490	98	66-127	
1,2,4-Trichlorobenzene	500	ND	499	100	79-122	
1,2,4-Trimethylbenzene	500	1600	1770	34	76-121	F1
1,2-Dibromo-3-Chloropropane	500	ND	415	83	56-134	
1,2-Dibromoethane	500	ND	506	101	77-120	
1,2-Dichlorobenzene	500	ND	527	105	80-124	
1,2-Dichloroethane	500	ND	563	113	75-120	
1,2-Dichloropropane	500	ND	521	104	76-120	
1,3,5-Trimethylbenzene	500	820	1170	71	77-121	F1
1,3-Dichlorobenzene	500	ND	531	106	77-120	
1,4-Dichlorobenzene	500	ND	509	102	78-124	
2-Butanone (MEK)	2500	ND	2560	102	57-140	
2-Hexanone	2500	ND	2810	112	65-127	
4-Methyl-2-pentanone (MIBK)	2500	ND	2800	112	71-125	
Acetone	2500	110 J	2580	99	56-142	
Benzene	500	ND	541	108	71-124	
Bromodichloromethane	500	ND	439	88	80-122	
Bromoform	500	ND	368	74	61-132	
Bromomethane	500	ND	460	92	55-144	
Carbon disulfide	500	ND	482	96	59-134	
Carbon tetrachloride	500	ND	508	102	72-134	
Chlorobenzene	500	ND	522	104	80-120	
Chloroethane	500	ND	533	107	69-136	
Chloroform	500	ND	519	104	73-127	
Chloromethane	500	ND	543	109	68-124	
cis-1,2-Dichloroethene	500	ND	514	103	74-124	
cis-1,3-Dichloropropene	500	ND	461	92	74-124	
Cyclohexane	500	ND	548	110	59-135	
Dibromochloromethane	500	ND	423	85	75-125	
Dichlorodifluoromethane	500	ND	402	80	59-135	
Ethylbenzene	500	32	577	109	77-123	
Isopropylbenzene	500	77	612	107	77-122	
Methyl acetate	1000	ND	986	99	74-133	
Methyl tert-butyl ether	500	ND	504	101	77-120	
Methylcyclohexane	500	ND	485	97	68-134	
Methylene Chloride	500	ND	491	98	75-124	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: S9082.d
 Lab ID: 480-230498-2 MS Client ID: IW-3 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
N-Propylbenzene	500	78	631	111	75-127	
Styrene	500	ND	519	104	80-120	
Tetrachloroethene	500	ND	510	102	74-122	
Toluene	500	ND	532	106	80-122	
trans-1,2-Dichloroethene	500	ND	501	100	73-127	
trans-1,3-Dichloropropene	500	ND	459	92	80-120	
Trichloroethene	500	ND	482	96	74-123	
Trichlorofluoromethane	500	ND	569	114	62-150	
Vinyl chloride	500	ND	612	122	65-133	
Xylenes, Total	1000	510	1440	93	76-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: S9083.d
 Lab ID: 480-230498-2 MSD Client ID: IW-3 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	500	479	96	8	15	73-126	
1,1,2,2-Tetrachloroethane	500	510	102	0	15	76-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	500	531	106	7	20	61-148	
1,1,2-Trichloroethane	500	501	100	1	15	76-122	
1,1-Dichloroethane	500	525	105	8	20	77-120	
1,1-Dichloroethene	500	454	91	8	16	66-127	
1,2,4-Trichlorobenzene	500	487	97	3	20	79-122	
1,2,4-Trimethylbenzene	500	1690	18	5	20	76-121	F1
1,2-Dibromo-3-Chloropropane	500	434	87	5	15	56-134	
1,2-Dibromoethane	500	507	101	0	15	77-120	
1,2-Dichlorobenzene	500	513	103	3	20	80-124	
1,2-Dichloroethane	500	524	105	7	20	75-120	
1,2-Dichloropropane	500	505	101	3	20	76-120	
1,3,5-Trimethylbenzene	500	1130	63	4	20	77-121	F1
1,3-Dichlorobenzene	500	509	102	4	20	77-120	
1,4-Dichlorobenzene	500	496	99	3	20	78-124	
2-Butanone (MEK)	2500	2510	101	2	20	57-140	
2-Hexanone	2500	2950	118	5	15	65-127	
4-Methyl-2-pentanone (MIBK)	2500	2880	115	3	35	71-125	
Acetone	2500	2630	101	2	15	56-142	
Benzene	500	502	100	7	13	71-124	
Bromodichloromethane	500	435	87	1	15	80-122	
Bromoform	500	357	71	3	15	61-132	
Bromomethane	500	441	88	4	15	55-144	
Carbon disulfide	500	453	91	6	15	59-134	
Carbon tetrachloride	500	478	96	6	15	72-134	
Chlorobenzene	500	492	98	6	25	80-120	
Chloroethane	500	490	98	8	15	69-136	
Chloroform	500	475	95	9	20	73-127	
Chloromethane	500	476	95	13	15	68-124	
cis-1,2-Dichloroethene	500	464	93	10	15	74-124	
cis-1,3-Dichloropropene	500	449	90	3	15	74-124	
Cyclohexane	500	505	101	8	20	59-135	
Dibromochloromethane	500	411	82	3	15	75-125	
Dichlorodifluoromethane	500	375	75	7	20	59-135	
Ethylbenzene	500	549	104	5	15	77-123	
Isopropylbenzene	500	580	101	5	20	77-122	
Methyl acetate	1000	961	96	3	20	74-133	
Methyl tert-butyl ether	500	481	96	5	37	77-120	
Methylcyclohexane	500	471	94	3	20	68-134	
Methylene Chloride	500	449	90	9	15	75-124	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: S9083.d
 Lab ID: 480-230498-2 MSD Client ID: IW-3 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Propylbenzene	500	593	103	6	15	75-127	
Styrene	500	503	101	3	20	80-120	
Tetrachloroethene	500	496	99	3	20	74-122	
Toluene	500	523	105	2	15	80-122	
trans-1,2-Dichloroethene	500	471	94	6	20	73-127	
trans-1,3-Dichloropropene	500	471	94	2	15	80-120	
Trichloroethene	500	467	93	3	16	74-123	
Trichlorofluoromethane	500	530	106	7	20	62-150	
Vinyl chloride	500	572	114	7	15	65-133	
Xylenes, Total	1000	1370	86	5	16	76-122	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
SDG No.: _____
Lab File ID: S8932.d Lab Sample ID: MB 480-749486/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5973S Date Analyzed: 06/20/2025 12:57
GC Column: ZB-624 (20) ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-749486/6	S8930.d	06/20/2025 12:10
GT-14	480-230498-1	S8946.d	06/20/2025 18:35
GT-16	480-230498-8	S8947.d	06/20/2025 18:59
GT-9R	480-230498-9	S8948.d	06/20/2025 19:22
VRI-3	480-230498-10	S8949.d	06/20/2025 19:45
VRI-4	480-230498-11	S8950.d	06/20/2025 20:08

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
SDG No.: _____
Lab File ID: S8960.d Lab Sample ID: MB 480-749533/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5973S Date Analyzed: 06/21/2025 00:01
GC Column: ZB-624 (20) ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-749533/6	S8958.d	06/20/2025 23:14
EB-20250616	480-230498-4	S8976.d	06/21/2025 06:12
TRIP BLANK-20250616	480-230498-12	S8977.d	06/21/2025 06:35

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
SDG No.: _____
Lab File ID: S9019.d Lab Sample ID: MB 480-749755/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5973S Date Analyzed: 06/24/2025 01:08
GC Column: ZB-624 (20) ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-749755/6	S9017.d	06/24/2025 00:21
VRI-1	480-230498-3	S9026.d	06/24/2025 03:50
DUP-20250618	480-230498-5	S9027.d	06/24/2025 04:13
IW-6	480-230498-6	S9028.d	06/24/2025 04:37
VRI-10	480-230498-7	S9029.d	06/24/2025 05:00

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
SDG No.: _____
Lab File ID: S9072.d Lab Sample ID: MB 480-749897/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5973S Date Analyzed: 06/24/2025 23:29
GC Column: ZB-624 (20) ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-749897/6	S9070.d	06/24/2025 22:42
IW-3	480-230498-2	S9079.d	06/25/2025 02:12
IW-3 MS	480-230498-2 MS	S9082.d	06/25/2025 03:22
IW-3 MSD	480-230498-2 MSD	S9083.d	06/25/2025 03:45

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Lab File ID: S8276.d BFB Injection Date: 05/16/2025
 Instrument ID: HP5973S BFB Injection Time: 15:37
 Analysis Batch No.: 746322

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.9
75	30.0 - 60.0 % of mass 95	49.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	90.7
175	5.0 - 9.0 % of mass 174	7.7 (8.5) 1
176	95.0 - 101.0 % of mass 174	87.0 (95.9) 1
177	5.0 - 9.0 % of mass 176	6.2 (7.1) 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 480-746322/13	S8278.d	05/16/2025	16:27
	IC 480-746322/14	S8279.d	05/16/2025	16:50
	IC 480-746322/15	S8280.d	05/16/2025	17:14
	IC 480-746322/16	S8281.d	05/16/2025	17:37
	IC 480-746322/17	S8282.d	05/16/2025	18:01
	ICIS 480-746322/18	S8283.d	05/16/2025	18:24
	IC 480-746322/19	S8284.d	05/16/2025	18:47
	IC 480-746322/20	S8285.d	05/16/2025	19:10
	ICV 480-746322/34	S8299.d	05/17/2025	0:33
	ICV 480-746322/35	S8300.d	05/17/2025	0:57

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
SDG No.: _____
Lab File ID: S8927.d BFB Injection Date: 06/20/2025
Instrument ID: HP5973S BFB Injection Time: 10:59
Analysis Batch No.: 749486

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	26.4
75	30.0 - 60.0 % of mass 95	52.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.2 (0.2) 1
174	Greater than 50% of mass 95	83.3
175	5.0 - 9.0 % of mass 174	7.4 (8.9) 1
176	95.0 - 101.0 % of mass 174	79.4 (95.2) 1
177	5.0 - 9.0 % of mass 176	5.4 (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 480-749486/4	S8928.d	06/20/2025	11:23
	LCS 480-749486/6	S8930.d	06/20/2025	12:10
	MB 480-749486/8	S8932.d	06/20/2025	12:57
GT-14	480-230498-1	S8946.d	06/20/2025	18:35
GT-16	480-230498-8	S8947.d	06/20/2025	18:59
GT-9R	480-230498-9	S8948.d	06/20/2025	19:22
VRI-3	480-230498-10	S8949.d	06/20/2025	19:45
VRI-4	480-230498-11	S8950.d	06/20/2025	20:08

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Lab File ID: S8955.d BFB Injection Date: 06/20/2025
 Instrument ID: HP5973S BFB Injection Time: 22:04
 Analysis Batch No.: 749533

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	25.2
75	30.0 - 60.0 % of mass 95	52.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	80.5
175	5.0 - 9.0 % of mass 174	6.2 (7.7) 1
176	95.0 - 101.0 % of mass 174	78.4 (97.4) 1
177	5.0 - 9.0 % of mass 176	4.9 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-749533/4	S8956.d	06/20/2025	22:27
	LCS 480-749533/6	S8958.d	06/20/2025	23:14
	MB 480-749533/8	S8960.d	06/21/2025	0:01
EB-20250616	480-230498-4	S8976.d	06/21/2025	6:12
TRIP BLANK-20250616	480-230498-12	S8977.d	06/21/2025	6:35

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Lab File ID: S9014.d BFB Injection Date: 06/23/2025
 Instrument ID: HP5973S BFB Injection Time: 23:11
 Analysis Batch No.: 749755

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	24.0
75	30.0 - 60.0 % of mass 95	51.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	80.6
175	5.0 - 9.0 % of mass 174	6.1 (7.6) 1
176	95.0 - 101.0 % of mass 174	79.0 (98.0) 1
177	5.0 - 9.0 % of mass 176	5.3 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-749755/4	S9015.d	06/23/2025	23:35
	LCS 480-749755/6	S9017.d	06/24/2025	0:21
	MB 480-749755/8	S9019.d	06/24/2025	1:08
VRI-1	480-230498-3	S9026.d	06/24/2025	3:50
DUP-20250618	480-230498-5	S9027.d	06/24/2025	4:13
IW-6	480-230498-6	S9028.d	06/24/2025	4:37
VRI-10	480-230498-7	S9029.d	06/24/2025	5:00

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Lab File ID: S9067.d BFB Injection Date: 06/24/2025
 Instrument ID: HP5973S BFB Injection Time: 21:33
 Analysis Batch No.: 749897

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	25.4
75	30.0 - 60.0 % of mass 95	51.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	80.1
175	5.0 - 9.0 % of mass 174	6.2 (7.8) 1
176	95.0 - 101.0 % of mass 174	77.3 (96.4) 1
177	5.0 - 9.0 % of mass 176	5.0 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-749897/4	S9068.d	06/24/2025	21:56
	LCS 480-749897/6	S9070.d	06/24/2025	22:42
	MB 480-749897/8	S9072.d	06/24/2025	23:29
IW-3	480-230498-2	S9079.d	06/25/2025	2:12
IW-3 MS	480-230498-2 MS	S9082.d	06/25/2025	3:22
IW-3 MSD	480-230498-2 MSD	S9083.d	06/25/2025	3:45

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Sample No.: ICIS 480-746322/18 Date Analyzed: 05/16/2025 18:24
 Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): S8283.d Heated Purge: (Y/N) N
 Calibration ID: 48382

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		185563	4.67	390914	7.61	428535	10.07
UPPER LIMIT		371126	4.84	781828	7.78	857070	10.23
LOWER LIMIT		92782	4.50	195457	7.44	214268	9.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 480-749486/4		168477	4.67	321378	7.61	335450	10.07
CCVIS 480-749533/4		162815	4.67	309871	7.61	316018	10.07
CCVIS 480-749755/4		164188	4.67	325498	7.61	334013	10.07
CCVIS 480-749897/4		164792	4.67	316897	7.61	334863	10.07

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.167 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 Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Sample No.: CCVIS 480-749486/4 Date Analyzed: 06/20/2025 11:23
 Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): S8928.d Heated Purge: (Y/N) N
 Calibration ID: 48385

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		168477	4.67	321378	7.61	335450	10.07
UPPER LIMIT		336954	4.84	642756	7.78	670900	10.23
LOWER LIMIT		84239	4.50	160689	7.45	167725	9.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-749486/6		162880	4.67	319957	7.61	336282	10.07
MB 480-749486/8		149280	4.67	292936	7.61	299511	10.07
480-230498-1	GT-14	150181	4.67	282157	7.61	294594	10.07
480-230498-8	GT-16	149147	4.67	289096	7.61	294636	10.07
480-230498-9	GT-9R	150265	4.67	287196	7.61	295395	10.07
480-230498-10	VRI-3	149453	4.67	285055	7.61	293132	10.07
480-230498-11	VRI-4	151809	4.67	294033	7.61	297685	10.07

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.167 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 Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Sample No.: CCVIS 480-749533/4 Date Analyzed: 06/20/2025 22:27
 Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): S8956.d Heated Purge: (Y/N) N
 Calibration ID: 48385

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		162815	4.67	309871	7.61	316018	10.07
UPPER LIMIT		325630	4.84	619742	7.78	632036	10.23
LOWER LIMIT		81408	4.50	154936	7.45	158009	9.90
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 480-749533/6		163183	4.67	313310	7.61	319609	10.07
MB 480-749533/8		154603	4.67	294076	7.61	289086	10.07
480-230498-4	EB-20250616	153680	4.67	287949	7.61	297786	10.07
480-230498-12	TRIP BLANK-20250616	154842	4.67	293996	7.61	295885	10.07

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.167 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 Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Sample No.: CCVIS 480-749755/4 Date Analyzed: 06/23/2025 23:35
 Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): S9015.d Heated Purge: (Y/N) N
 Calibration ID: 48385

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		164188	4.67	325498	7.61	334013	10.07
UPPER LIMIT		328376	4.84	650996	7.78	668026	10.23
LOWER LIMIT		82094	4.50	162749	7.45	167007	9.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-749755/6		168718	4.67	327871	7.61	334766	10.07
MB 480-749755/8		158449	4.67	303858	7.61	302635	10.07
480-230498-3	VRI-1	161554	4.67	309558	7.61	327989	10.07
480-230498-5	DUP-20250618	163862	4.67	317588	7.61	313092	10.07
480-230498-6	IW-6	161956	4.67	301594	7.61	311990	10.07
480-230498-7	VRI-10	159305	4.67	301229	7.61	304063	10.07

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.167 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 Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Sample No.: CCVIS 480-749897/4 Date Analyzed: 06/24/2025 21:56
 Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): S9068.d Heated Purge: (Y/N) N
 Calibration ID: 48385

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		164792	4.67	316897	7.61	334863	10.07
UPPER LIMIT		329584	4.84	633794	7.78	669726	10.23
LOWER LIMIT		82396	4.50	158449	7.45	167432	9.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-749897/6		160380	4.67	318196	7.61	330318	10.07
MB 480-749897/8		155792	4.67	290823	7.61	310314	10.07
480-230498-2	IW-3	147377	4.67	288147	7.61	309663	10.07
480-230498-2 MS	IW-3 MS	156482	4.67	304280	7.61	321266	10.07
480-230498-2 MSD	IW-3 MSD	160445	4.67	304304	7.61	322921	10.07

FB = Fluorobenzene (IS)
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.167 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-14</u>	Lab Sample ID: <u>480-230498-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8946.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 15:14</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 18:35</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-14</u>	Lab Sample ID: <u>480-230498-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8946.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 15:14</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 18:35</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	92		73-120
1868-53-7	Dibromofluoromethane (Surr)	89		75-123
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8946.d
 Lims ID: 480-230498-A-1
 Client ID: GT-14
 Sample Type: Client
 Inject. Date: 20-Jun-2025 18:35:30 ALS Bottle#: 22 Worklist Smp#: 37
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-230498-A-1
 Misc. Info.: 480-0124106-037
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 23-Jun-2025 12:56:48 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:56:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	150181	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	282157	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	294594	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	56	183089	22.3	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	97	135081	26.4	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.149	0.000	85	717279	25.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.854	0.006	91	226239	23.1	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.099				ND	
13 Vinyl chloride	62		1.172				ND	
14 Bromomethane	94		1.403				ND	
15 Chloroethane	64		1.458				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.036				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.042				ND	
23 Acetone	43	2.151	2.145	0.006	66	8481	2.43	
26 Carbon disulfide	76		2.212				ND	
27 Methyl acetate	43		2.419				ND	
30 Methylene Chloride	84		2.504				ND	
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.112				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
52 Cyclohexane	56		4.049				ND	
51 1,1,1-Trichloroethane	97		4.049				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	U
74 Toluene	92		6.215				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.738				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91		7.742				ND	
90 m-Xylene & p-Xylene	106		7.864				ND	
91 o-Xylene	106		8.283				ND	
92 Styrene	104		8.314				ND	
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105		8.667				ND	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91		9.111				ND	
102 1,3,5-Trimethylbenzene	105		9.305				ND	
107 1,2,4-Trimethylbenzene	105		9.701				ND	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8946.d

Injection Date: 20-Jun-2025 18:35:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: 480-230498-A-1

Lab Sample ID: 480-230498-1

Worklist Smp#: 37

Client ID: GT-14

Purge Vol: 5.000 mL

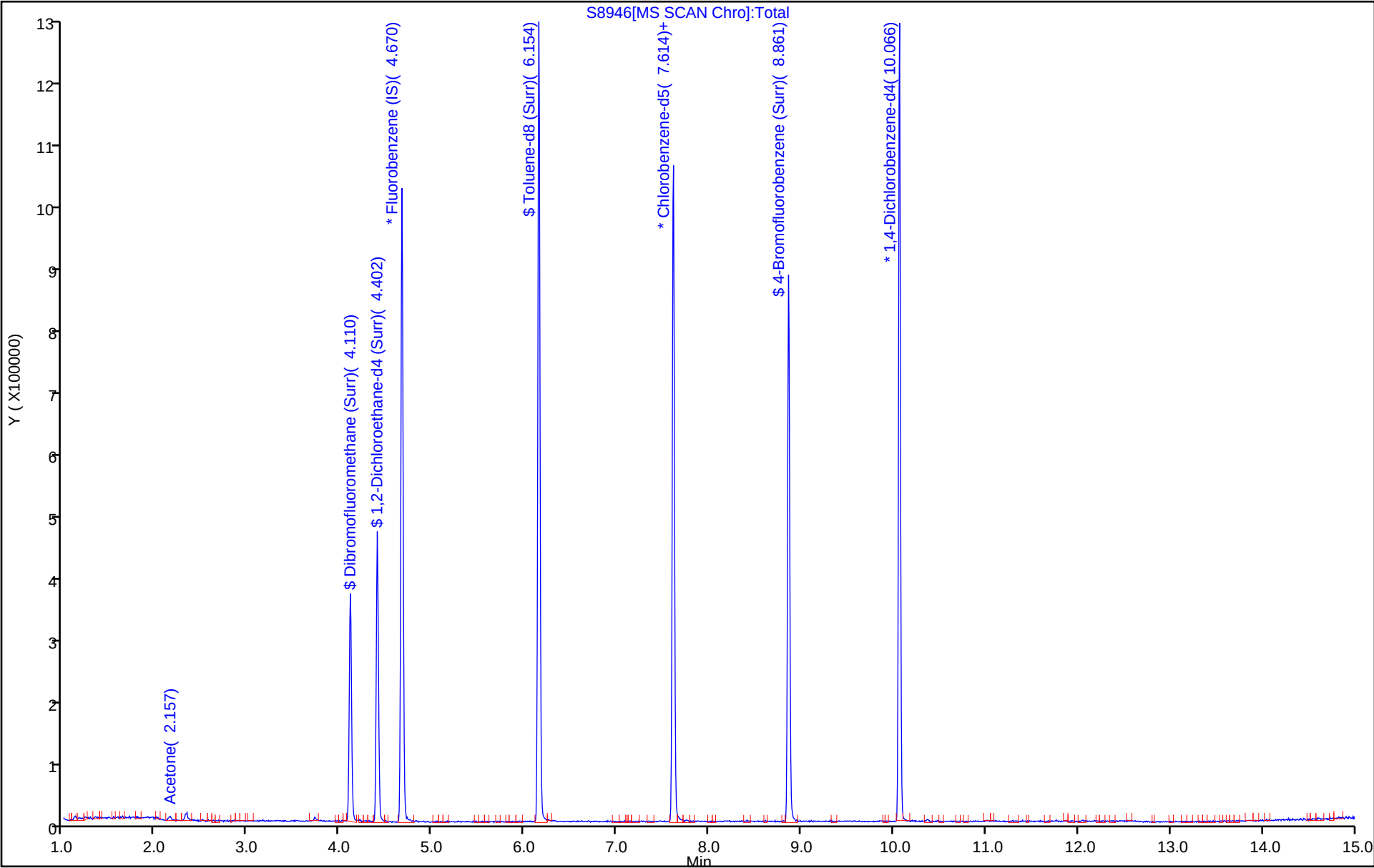
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8946.d
Lims ID: 480-230498-A-1
Client ID: GT-14
Sample Type: Client
Inject. Date: 20-Jun-2025 18:35:30 ALS Bottle#: 22 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-230498-A-1
Misc. Info.: 480-0124106-037
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2025 12:56:48 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:56:48

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.3	89.11
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.4	105.43
\$ 5 Toluene-d8 (Surr)	25.0	25.5	102.14
\$ 6 4-Bromofluorobenzene (Surr)	25.0	23.1	92.21

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8946.d

Injection Date: 20-Jun-2025 18:35:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-1

Lab Sample ID: 480-230498-1

Client ID: GT-14

Operator ID: AG

ALS Bottle#:

22

Worklist Smp#: 37

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

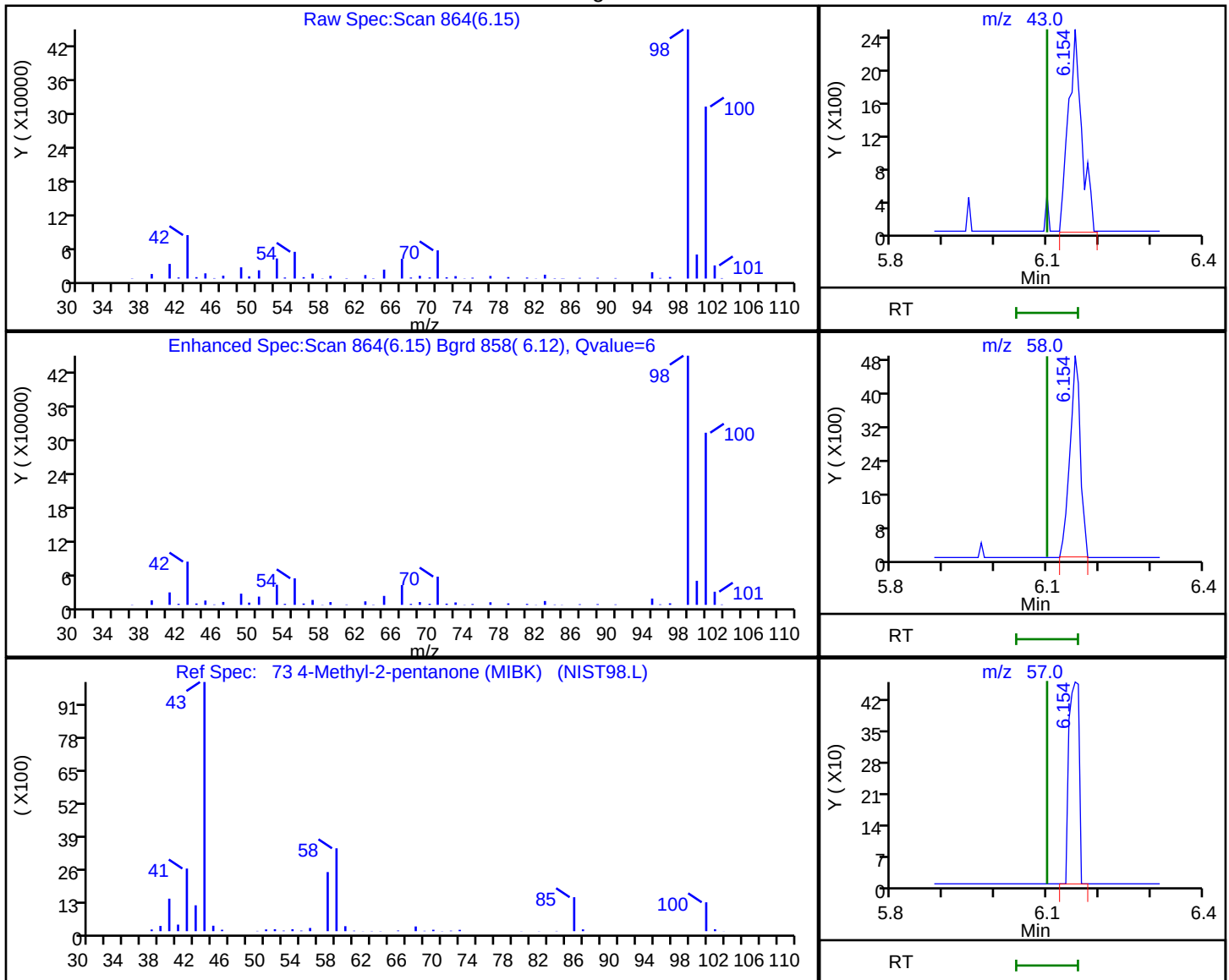
Column: ZB-624 (0.18 mm)

Detector

MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.15	43.00	4430	0.450303
6.15	58.00	6816	
6.15	57.00	623	

Reviewer: FGO5, 23-Jun-2025 12:56:42 -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: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>IW-3</u>	Lab Sample ID: <u>480-230498-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9079.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 13:58</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/25/2025 02:12</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>20</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749897</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20	16
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	4.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2
79-00-5	1,1,2-Trichloroethane	ND		20	4.6
75-34-3	1,1-Dichloroethane	ND		20	7.6
75-35-4	1,1-Dichloroethene	ND		20	5.8
120-82-1	1,2,4-Trichlorobenzene	ND		20	8.2
95-63-6	1,2,4-Trimethylbenzene	1600	F1	20	15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		20	7.8
106-93-4	1,2-Dibromoethane	ND		20	15
95-50-1	1,2-Dichlorobenzene	ND		20	16
107-06-2	1,2-Dichloroethane	ND		20	4.2
78-87-5	1,2-Dichloropropane	ND		20	14
108-67-8	1,3,5-Trimethylbenzene	820	F1	20	15
541-73-1	1,3-Dichlorobenzene	ND		20	16
106-46-7	1,4-Dichlorobenzene	ND		20	17
78-93-3	2-Butanone (MEK)	ND		200	26
591-78-6	2-Hexanone	ND		100	25
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		100	42
67-64-1	Acetone	110	J	200	60
71-43-2	Benzene	ND		20	8.2
75-27-4	Bromodichloromethane	ND		20	7.8
75-25-2	Bromoform	ND		20	5.2
74-83-9	Bromomethane	ND		20	14
75-15-0	Carbon disulfide	ND		20	3.8
56-23-5	Carbon tetrachloride	ND		20	5.4
108-90-7	Chlorobenzene	ND		20	15
75-00-3	Chloroethane	ND		20	6.4
67-66-3	Chloroform	ND		20	6.8
74-87-3	Chloromethane	ND		20	7.0
156-59-2	cis-1,2-Dichloroethene	ND		20	16
10061-01-5	cis-1,3-Dichloropropene	ND		20	7.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>IW-3</u>	Lab Sample ID: <u>480-230498-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9079.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 13:58</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/25/2025 02:12</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>20</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749897</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		20	3.6
124-48-1	Dibromochloromethane	ND		20	6.4
75-71-8	Dichlorodifluoromethane	ND		20	14
100-41-4	Ethylbenzene	32		20	15
98-82-8	Isopropylbenzene	77		20	16
79-20-9	Methyl acetate	ND		50	26
1634-04-4	Methyl tert-butyl ether	ND		20	3.2
108-87-2	Methylcyclohexane	ND		20	3.2
75-09-2	Methylene Chloride	ND		20	8.8
103-65-1	N-Propylbenzene	78		20	14
100-42-5	Styrene	ND		20	15
127-18-4	Tetrachloroethene	ND		20	7.2
108-88-3	Toluene	ND		20	10
156-60-5	trans-1,2-Dichloroethene	ND		20	18
10061-02-6	trans-1,3-Dichloropropene	ND		20	7.4
79-01-6	Trichloroethene	ND		20	9.2
75-69-4	Trichlorofluoromethane	ND		20	18
75-01-4	Vinyl chloride	ND		20	18
1330-20-7	Xylenes, Total	510		40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-120
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		75-123
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d
 Lims ID: 480-230498-A-2
 Client ID: IW-3
 Sample Type: Client
 Inject. Date: 25-Jun-2025 02:12:30 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 480-230498-A-2
 Misc. Info.: 480-0124163-015
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jun-2025 12:17:12 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:17:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	147377	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	86	288147	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	96	309663	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	56	188301	23.3	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	92	136085	27.1	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	85	725523	25.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	86	222603	22.2	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.098				ND	
13 Vinyl chloride	62		1.165				ND	
14 Bromomethane	94		1.403				ND	
15 Chloroethane	64		1.457				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.029				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.035				ND	
23 Acetone	43	2.151	2.145	0.006	88	18511	5.41	
26 Carbon disulfide	76		2.200				ND	
27 Methyl acetate	43		2.419				ND	
30 Methylene Chloride	84		2.504				ND	7
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.112				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
51 1,1,1-Trichloroethane	97		4.049				ND	
52 Cyclohexane	56		4.049				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.469				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.533				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.215				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.695				ND	
81 Tetrachloroethene	166		6.732				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91	7.742	7.742	0.000	91	50366	1.58	
90 m-Xylene & p-Xylene	106	7.864	7.863	0.001	97	67781	5.21	
91 o-Xylene	106	8.283	8.283	0.000	98	261229	20.7	
92 Styrene	104		8.314				ND	U
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105	8.667	8.666	0.001	94	113335	3.85	
97 1,1,2,2-Tetrachloroethane	83		9.098				ND	
99 N-Propylbenzene	91	9.111	9.111	0.000	95	141949	3.90	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	95	1083474	40.8	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	98	2232478	80.2	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.209				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1				0		25.9	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Worklist Smp#: 15

Client ID: IW-3

Purge Vol: 5.000 mL

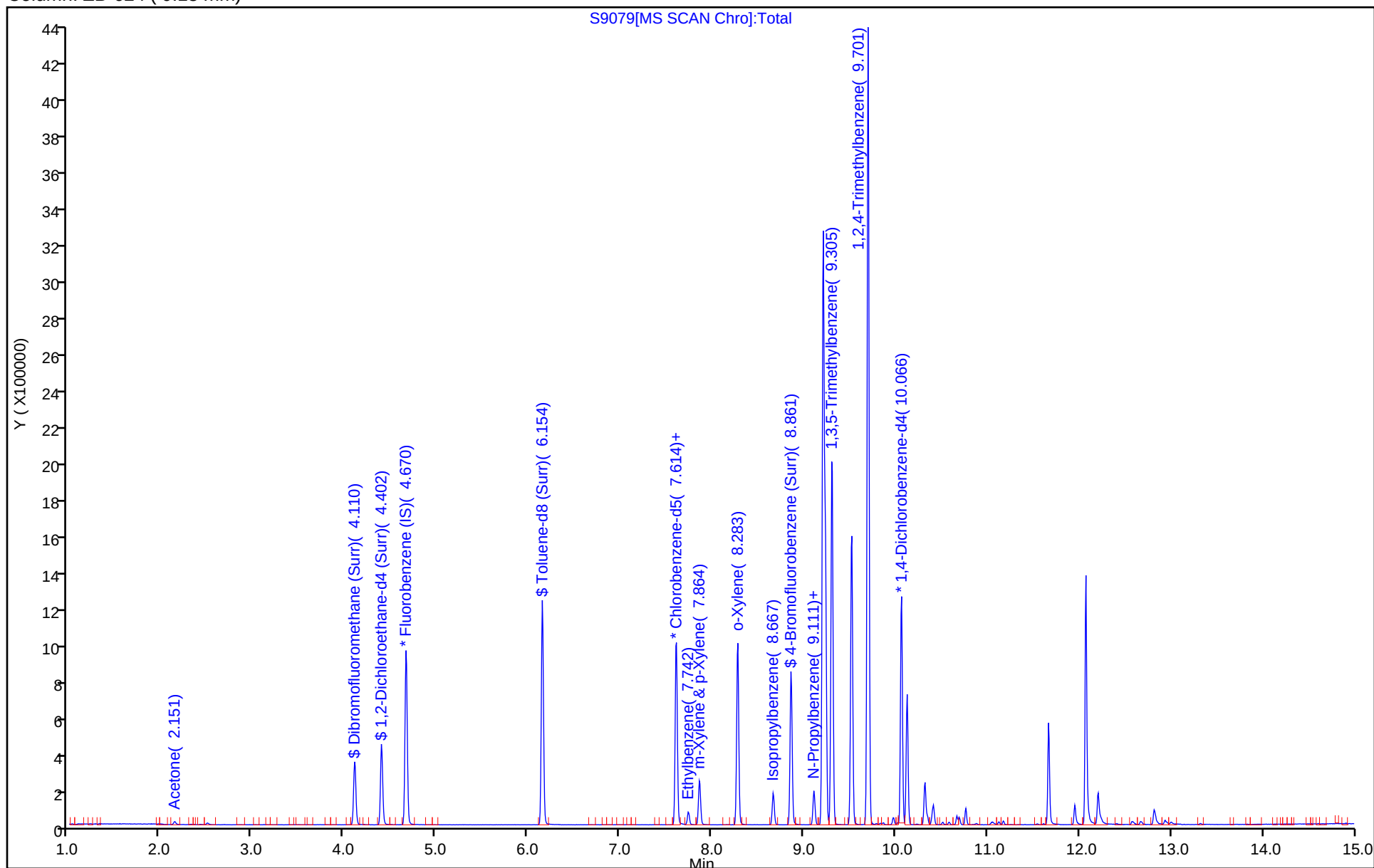
Dil. Factor: 20.0000

ALS Bottle#: 15

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d
Lims ID: 480-230498-A-2
Client ID: IW-3
Sample Type: Client
Inject. Date: 25-Jun-2025 02:12:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 20.0000
Sample Info: 480-230498-A-2
Misc. Info.: 480-0124163-015
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 25-Jun-2025 12:17:12 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:17:12

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	23.3	93.39
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	27.1	108.24
\$ 5 Toluene-d8 (Surr)	25.0	25.3	101.16
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.2	88.84

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Client ID: IW-3

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

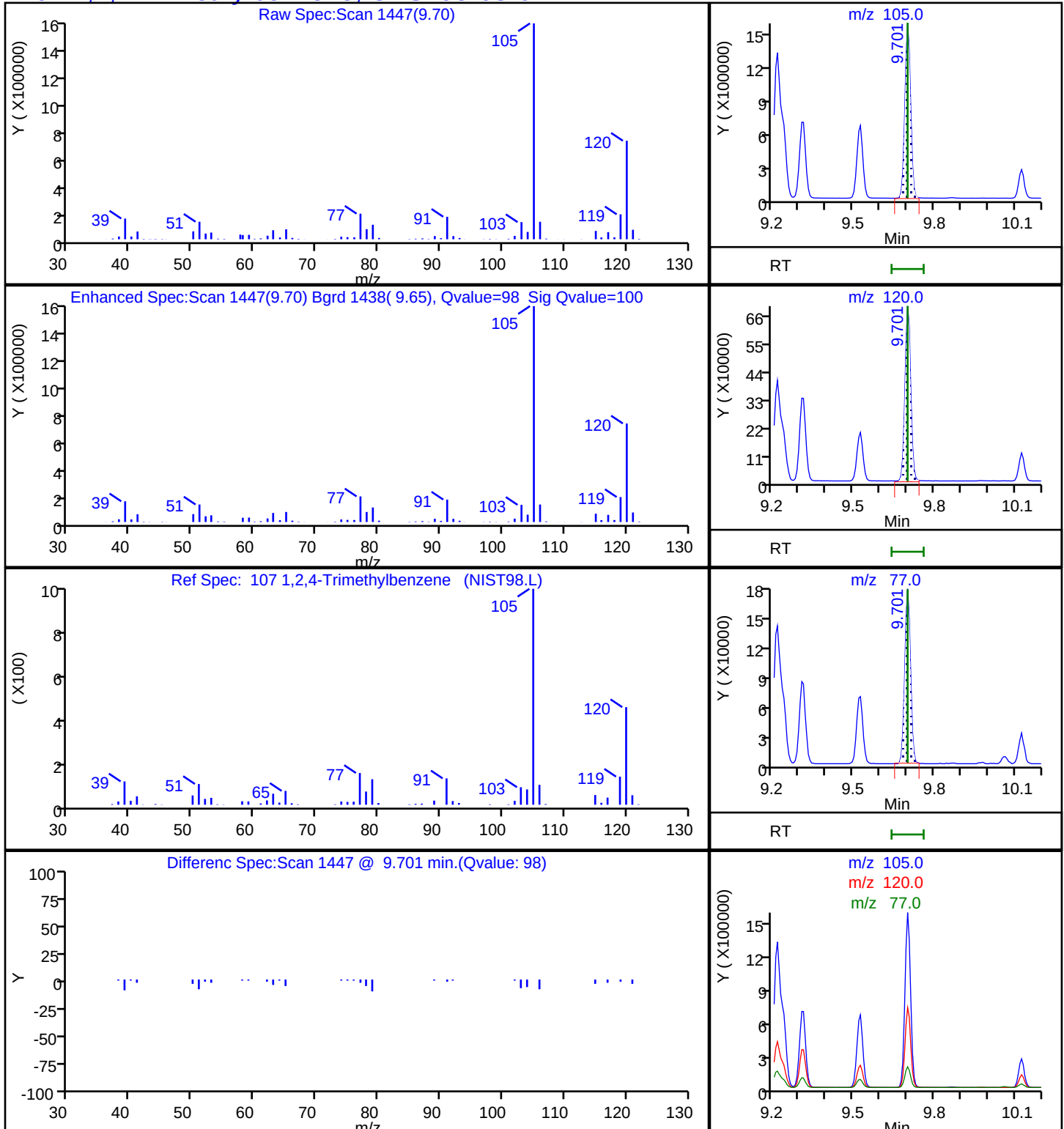
Dil. Factor: 20.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

107 1,2,4-Trimethylbenzene, CAS: 95-63-6

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Client ID: IW-3

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

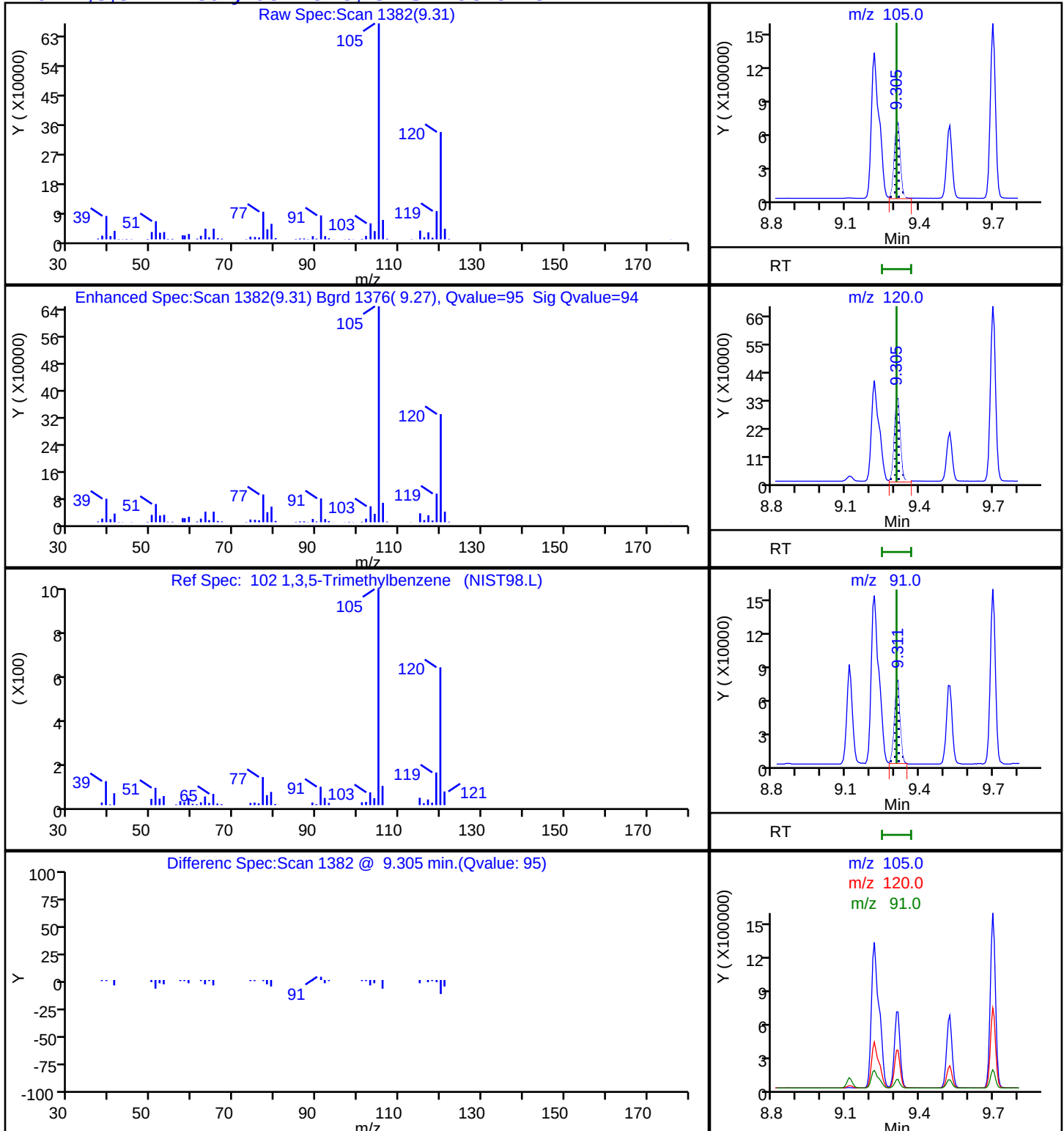
Dil. Factor: 20.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

102 1,3,5-Trimethylbenzene, CAS: 108-67-8

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Client ID: IW-3

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

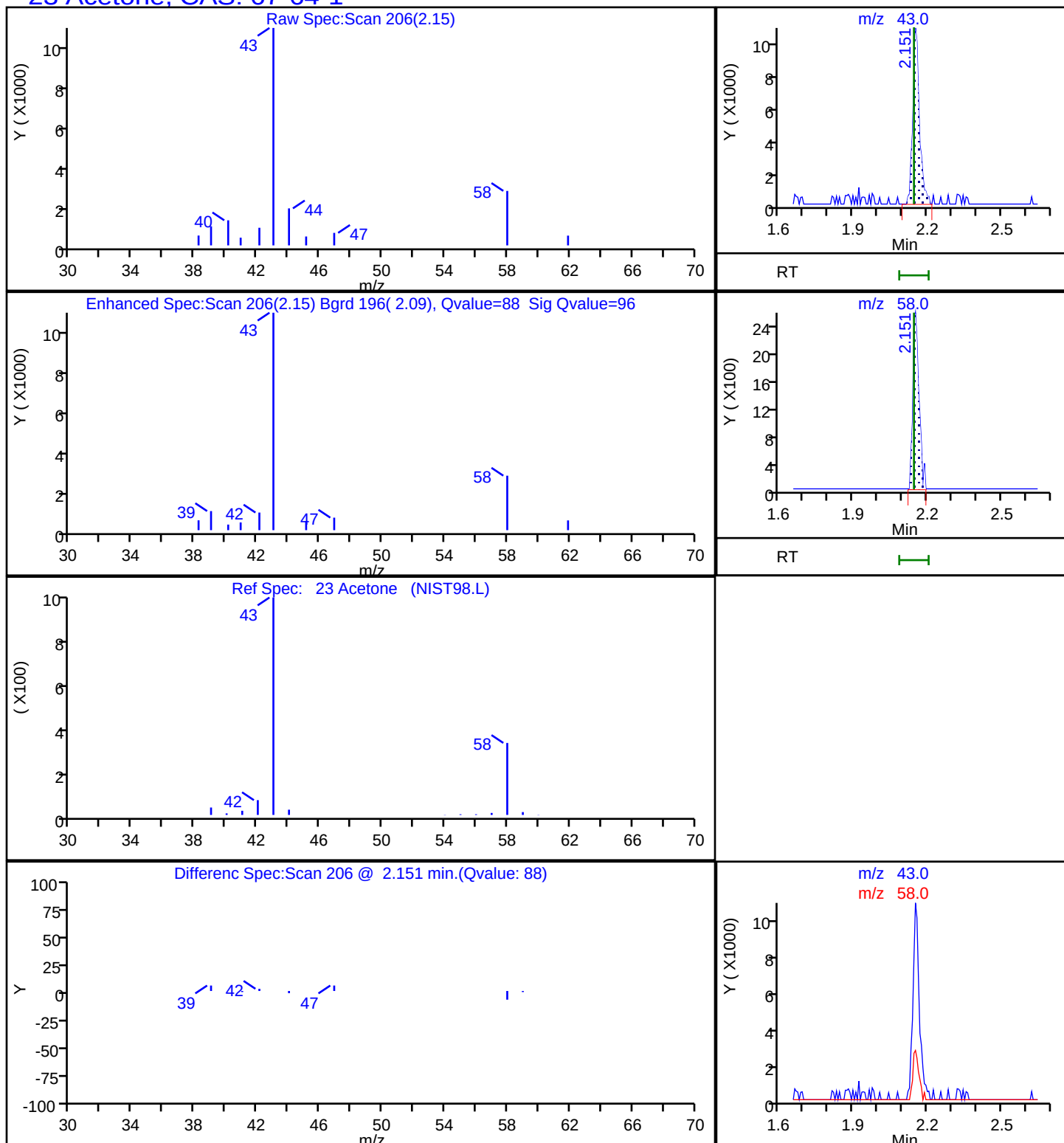
Dil. Factor: 20.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Client ID: IW-3

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

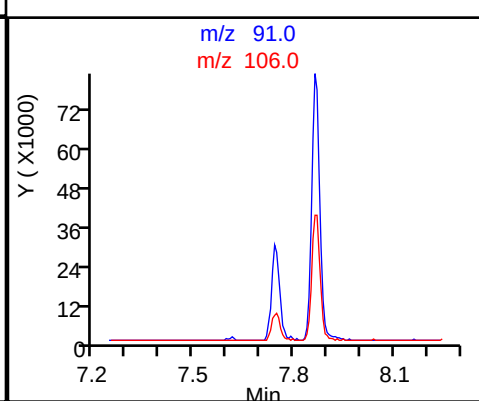
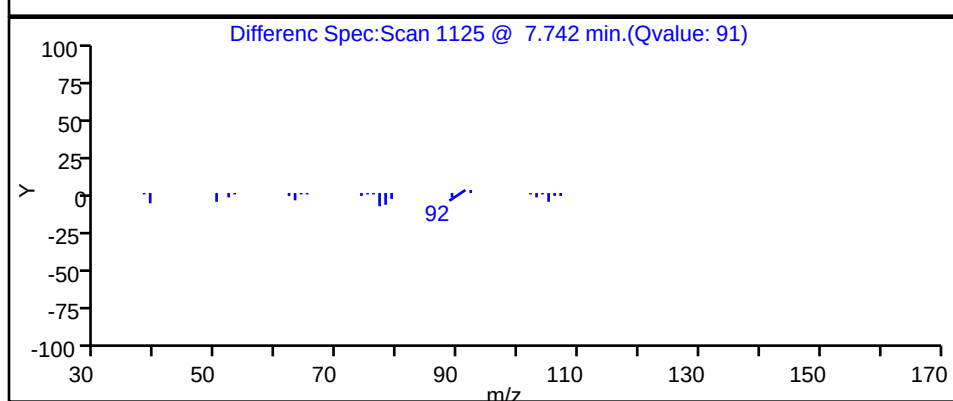
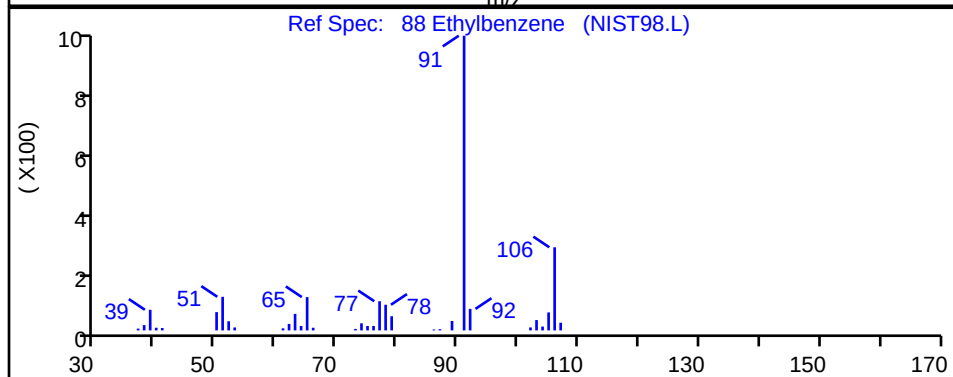
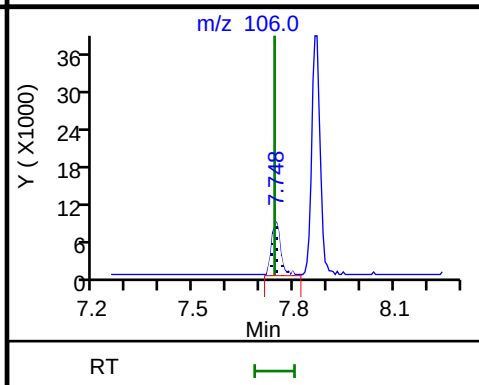
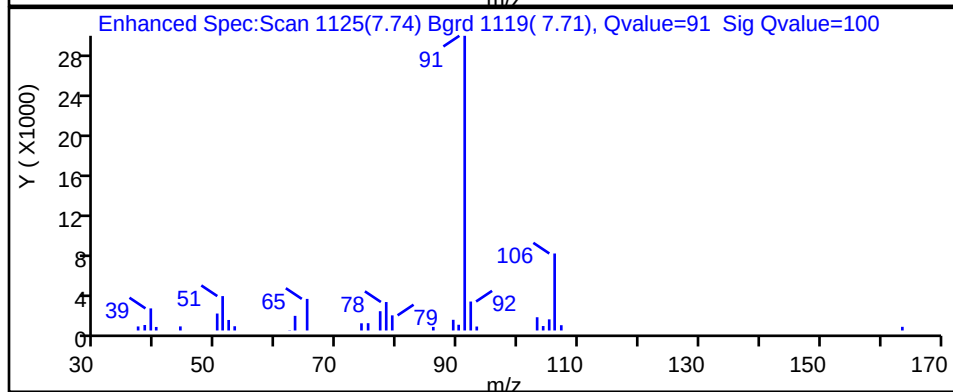
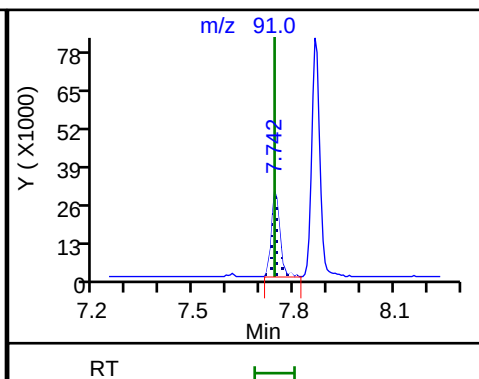
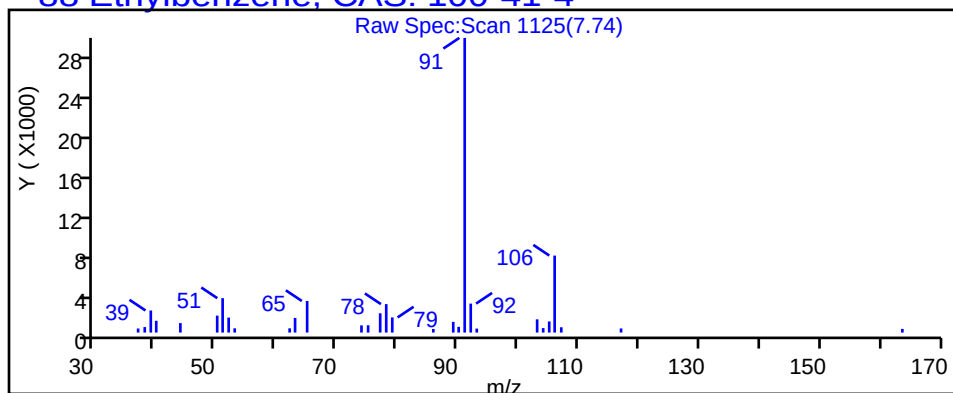
Dil. Factor: 20.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

88 Ethylbenzene, CAS: 100-41-4

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Client ID: IW-3

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

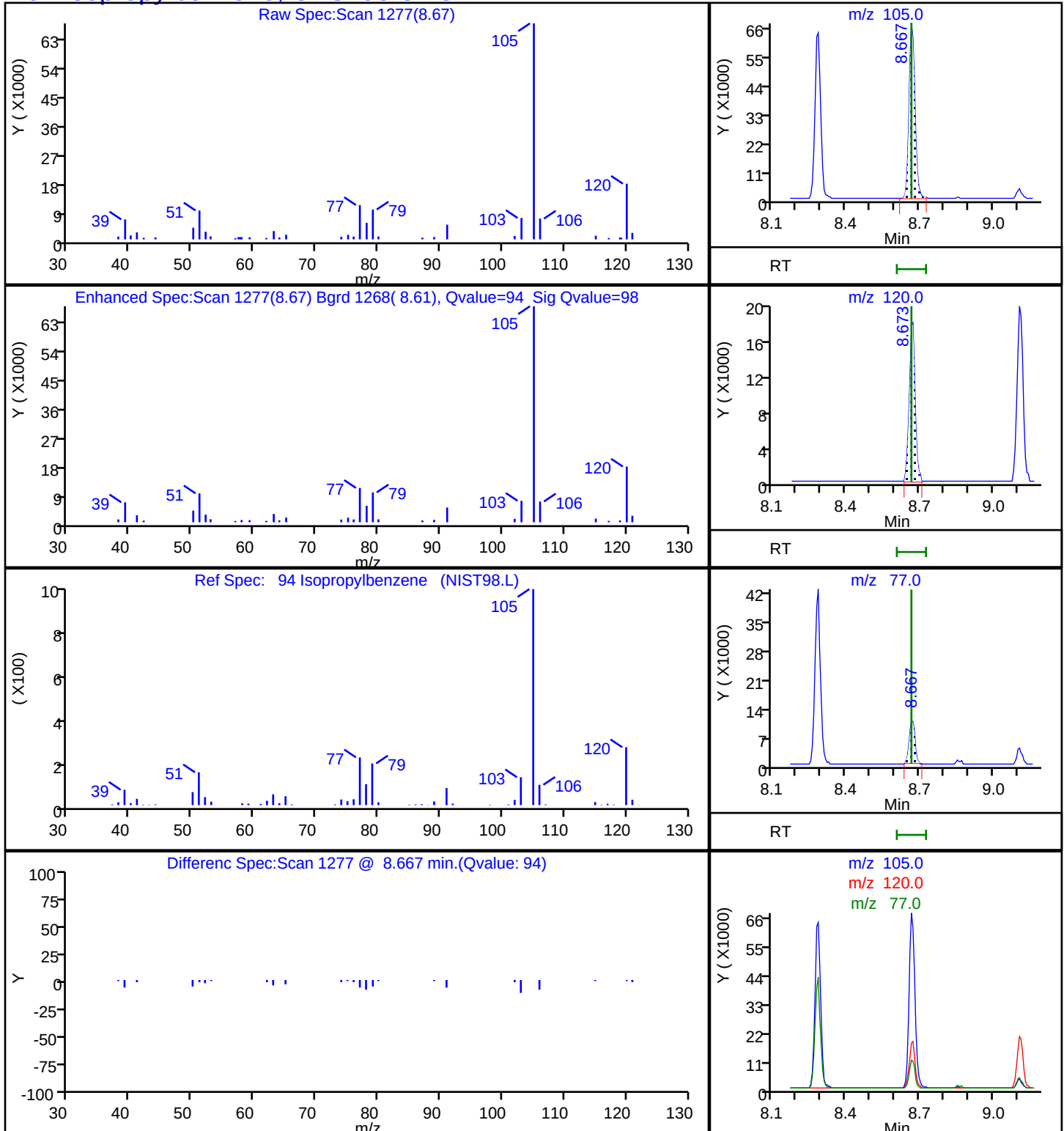
Dil. Factor: 20.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

94 Isopropylbenzene, CAS: 98-82-8

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Client ID: IW-3

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

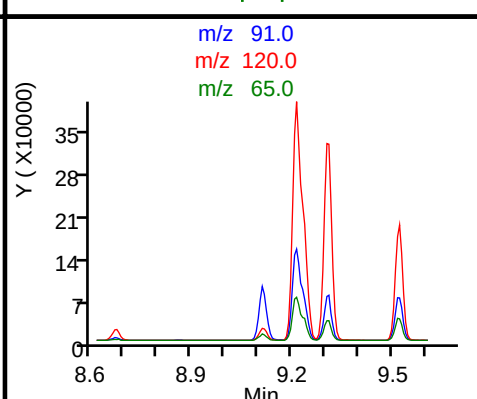
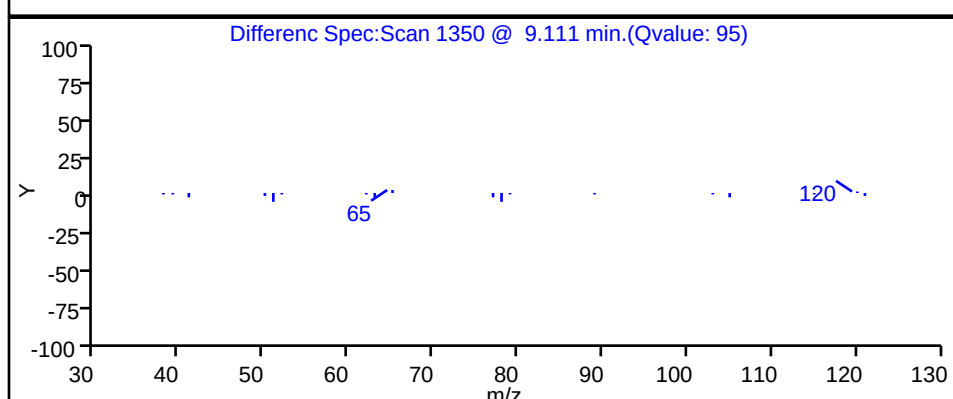
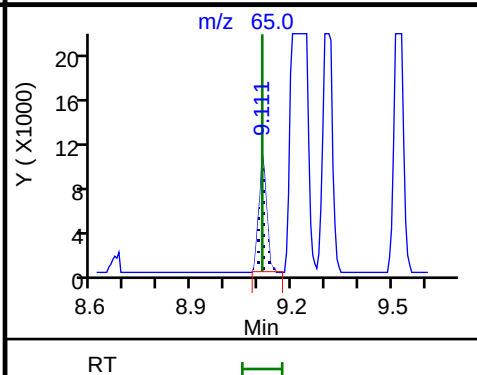
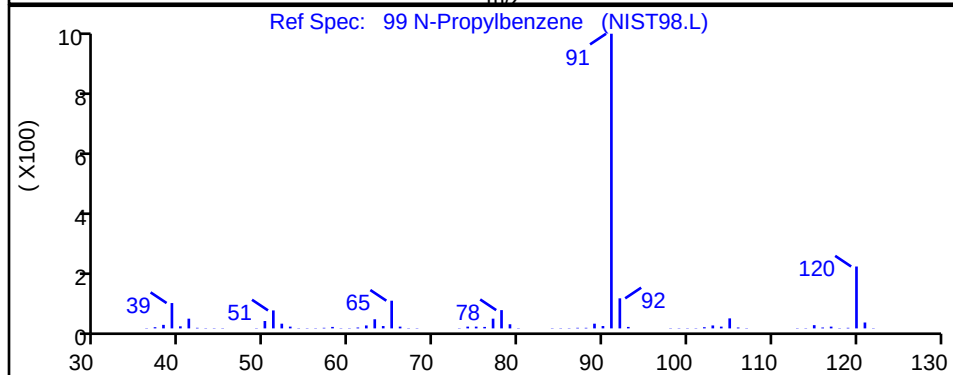
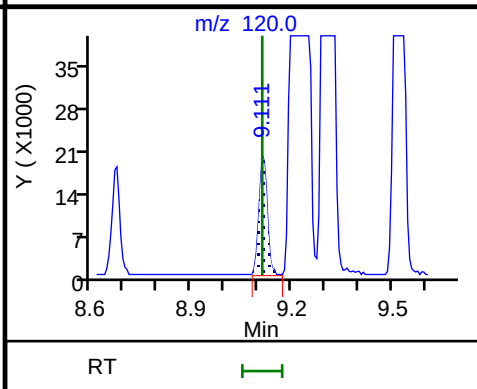
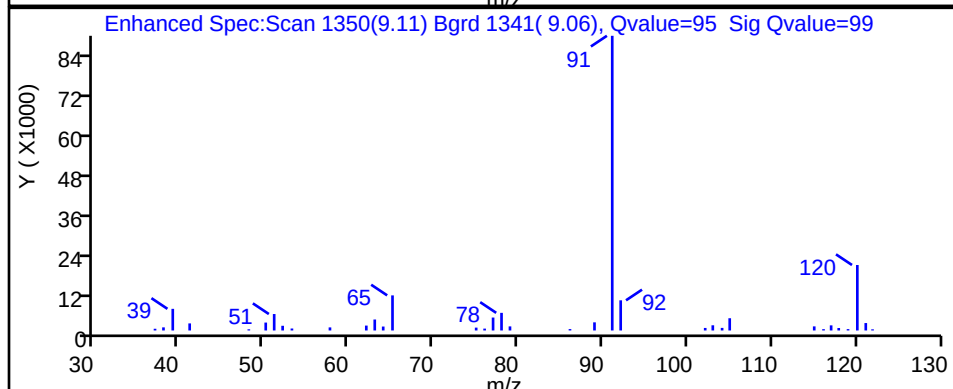
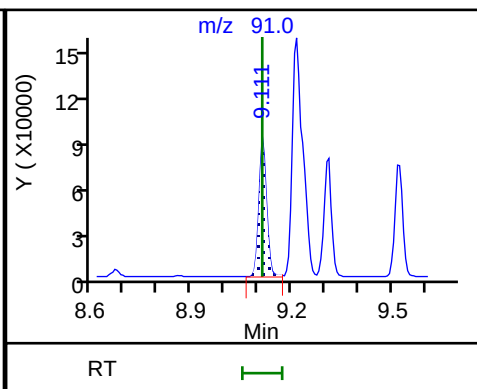
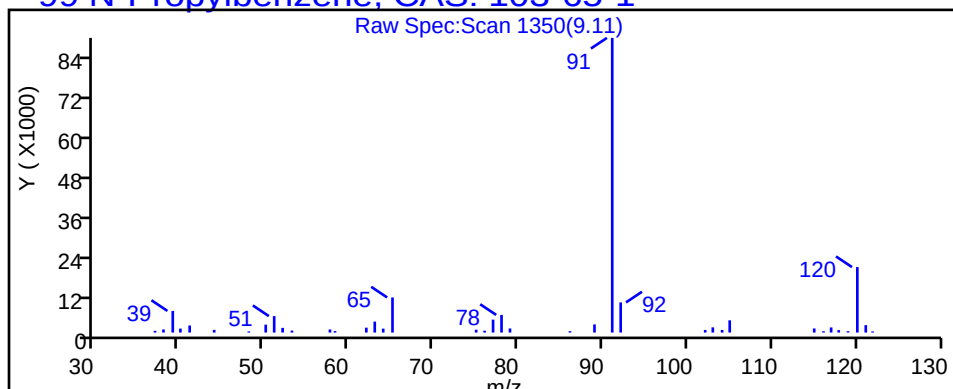
Dil. Factor: 20.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

99 N-Propylbenzene, CAS: 103-65-1

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Client ID: IW-3

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

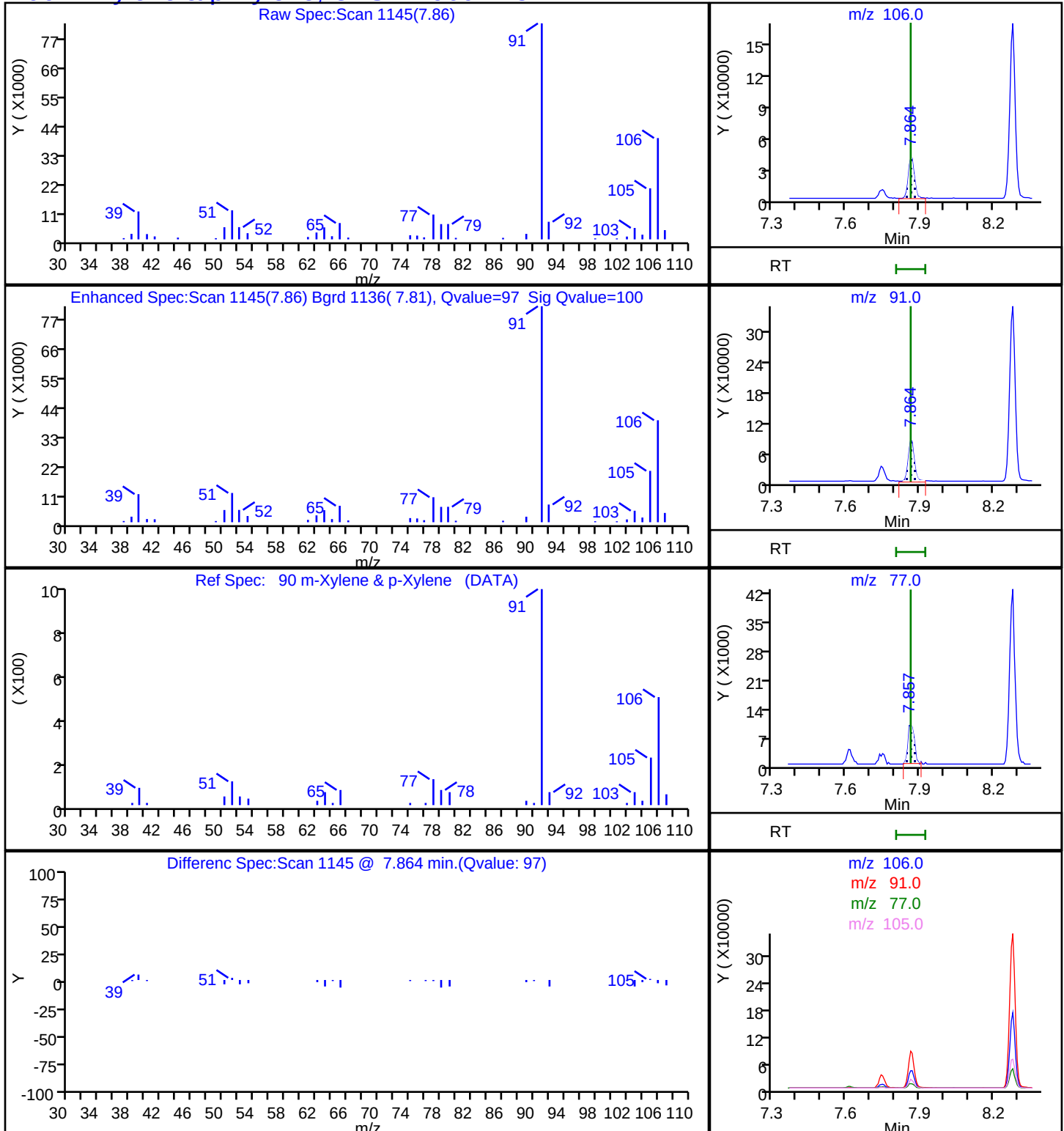
Dil. Factor: 20.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

90 m-Xylene & p-Xylene, CAS: 179601-23-1

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Client ID: IW-3

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

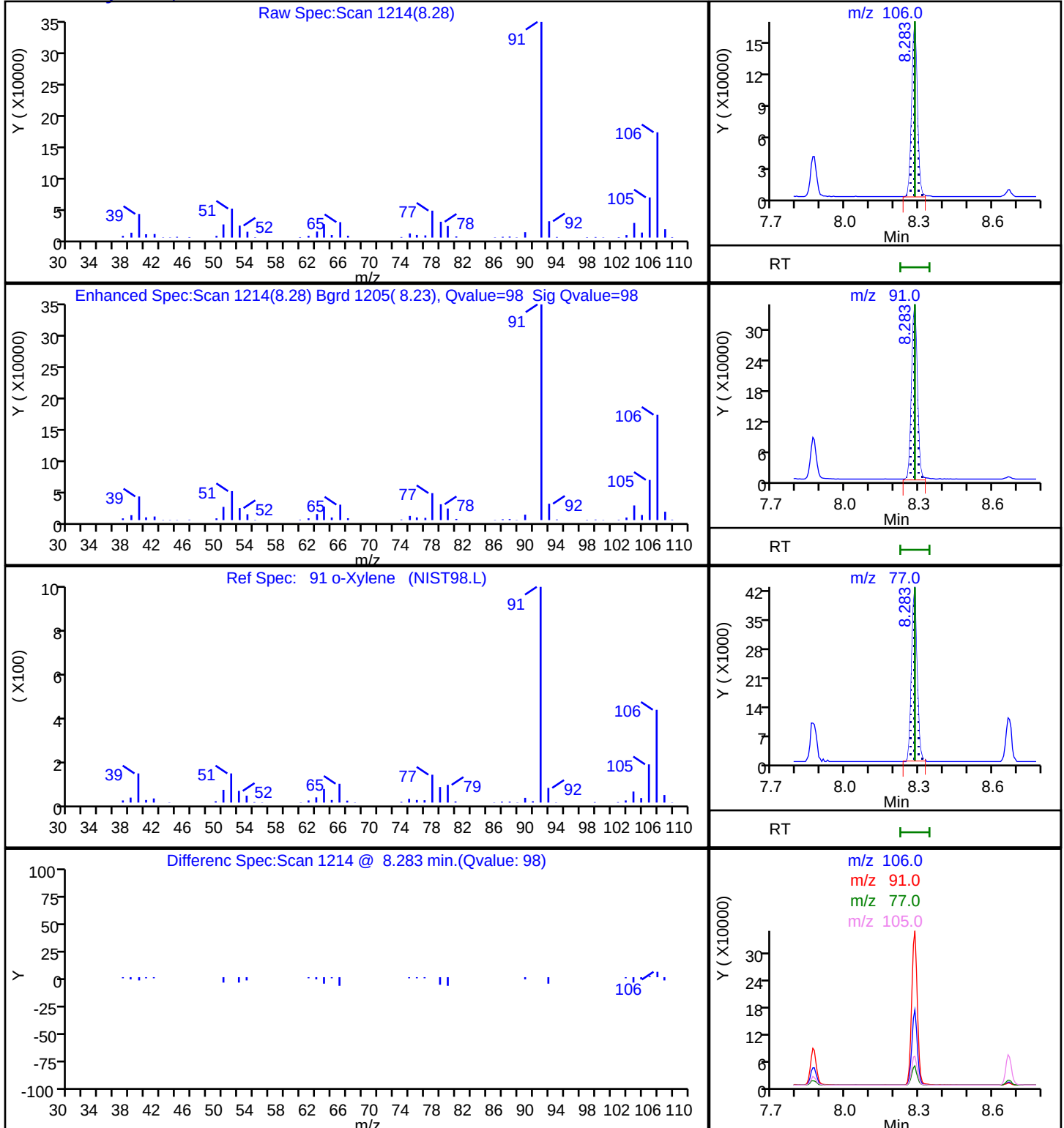
Dil. Factor: 20.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

91 o-Xylene, CAS: 95-47-6

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9079.d

Injection Date: 25-Jun-2025 02:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-2

Lab Sample ID: 480-230498-2

Client ID: IW-3

Operator ID: AG/LH

ALS Bottle#:

15

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 20.0000

Method: S-8260

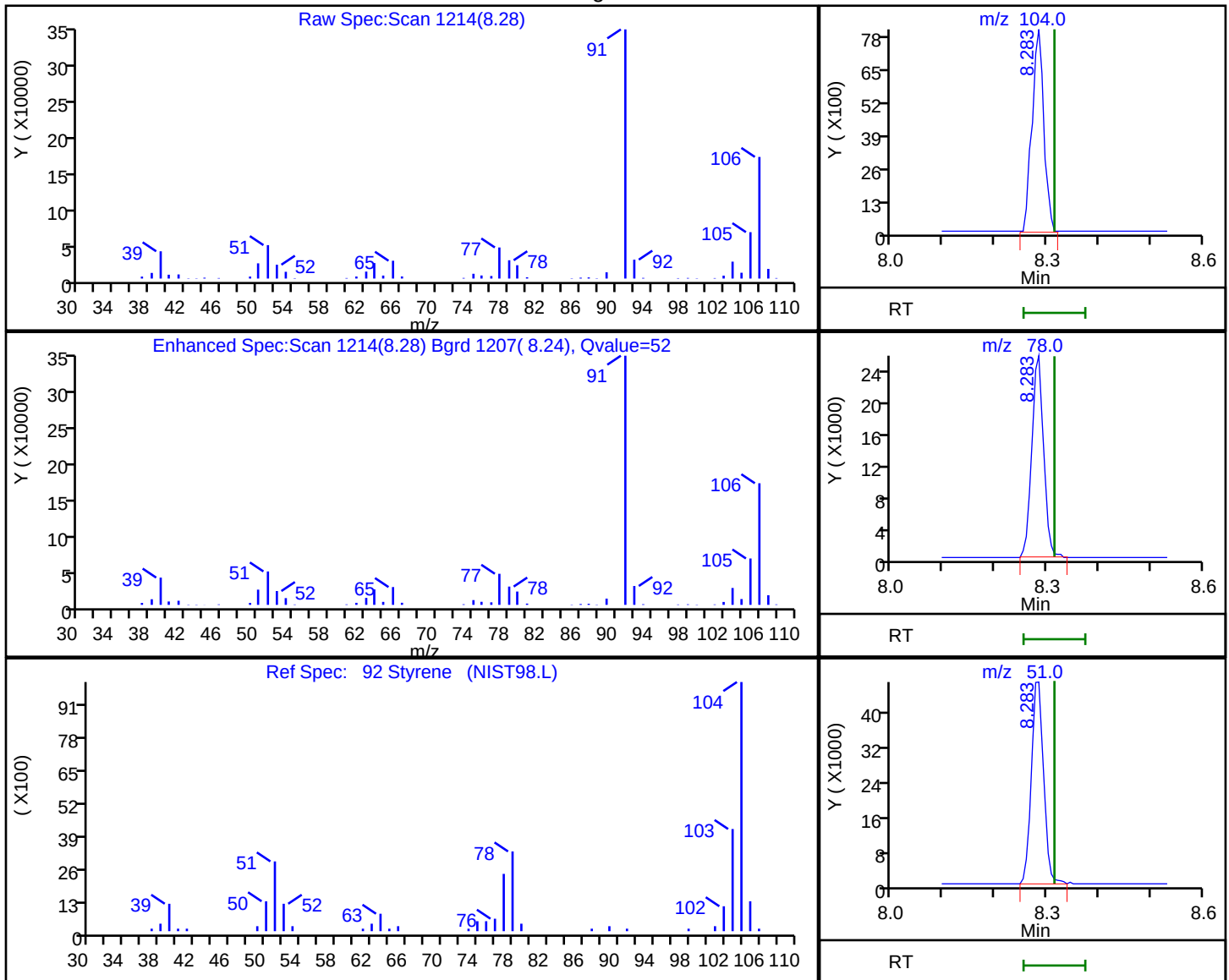
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

92 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.28	104.00	12696	0.611614
8.28	78.00	40327	
8.28	51.00	76422	

Reviewer: FGO5, 25-Jun-2025 12:17:06 -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: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>VRI-1</u>	Lab Sample ID: <u>480-230498-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9026.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 12:46</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 03:50</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>100</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		100	82
79-34-5	1,1,2,2-Tetrachloroethane	ND		100	21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31
79-00-5	1,1,2-Trichloroethane	ND		100	23
75-34-3	1,1-Dichloroethane	ND		100	38
75-35-4	1,1-Dichloroethene	ND		100	29
120-82-1	1,2,4-Trichlorobenzene	ND		100	41
95-63-6	1,2,4-Trimethylbenzene	2800		100	75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		100	39
106-93-4	1,2-Dibromoethane	ND		100	73
95-50-1	1,2-Dichlorobenzene	ND		100	79
107-06-2	1,2-Dichloroethane	ND		100	21
78-87-5	1,2-Dichloropropane	ND		100	72
108-67-8	1,3,5-Trimethylbenzene	1700		100	77
541-73-1	1,3-Dichlorobenzene	ND		100	78
106-46-7	1,4-Dichlorobenzene	ND		100	84
78-93-3	2-Butanone (MEK)	ND		1000	130
591-78-6	2-Hexanone	ND		500	120
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	210
67-64-1	Acetone	ND		1000	300
71-43-2	Benzene	ND		100	41
75-27-4	Bromodichloromethane	ND		100	39
75-25-2	Bromoform	ND		100	26
74-83-9	Bromomethane	ND		100	69
75-15-0	Carbon disulfide	ND		100	19
56-23-5	Carbon tetrachloride	ND		100	27
108-90-7	Chlorobenzene	ND		100	75
75-00-3	Chloroethane	ND		100	32
67-66-3	Chloroform	ND		100	34
74-87-3	Chloromethane	ND		100	35
156-59-2	cis-1,2-Dichloroethene	ND		100	81
10061-01-5	cis-1,3-Dichloropropene	ND		100	36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>VRI-1</u>	Lab Sample ID: <u>480-230498-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9026.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 12:46</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 03:50</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>100</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		100	18
124-48-1	Dibromochloromethane	ND		100	32
75-71-8	Dichlorodifluoromethane	ND		100	68
100-41-4	Ethylbenzene	ND		100	74
98-82-8	Isopropylbenzene	130		100	79
79-20-9	Methyl acetate	ND		250	130
1634-04-4	Methyl tert-butyl ether	ND		100	16
108-87-2	Methylcyclohexane	ND		100	16
75-09-2	Methylene Chloride	70	J B	100	44
103-65-1	N-Propylbenzene	99	J	100	69
100-42-5	Styrene	ND		100	73
127-18-4	Tetrachloroethene	ND		100	36
108-88-3	Toluene	ND		100	51
156-60-5	trans-1,2-Dichloroethene	ND		100	90
10061-02-6	trans-1,3-Dichloropropene	ND		100	37
79-01-6	Trichloroethene	ND		100	46
75-69-4	Trichlorofluoromethane	ND		100	88
75-01-4	Vinyl chloride	ND		100	90
1330-20-7	Xylenes, Total	1000		200	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	91		73-120
1868-53-7	Dibromofluoromethane (Surr)	92		75-123
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d
 Lims ID: 480-230498-A-3
 Client ID: VRI-1
 Sample Type: Client
 Inject. Date: 24-Jun-2025 03:50:30 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 100.0000
 Sample Info: 480-230498-A-3
 Misc. Info.: 480-0124139-015
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jun-2025 10:36:58 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:36:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	161554	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	309558	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	327989	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	59	204384	23.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	145911	26.5	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	84	780950	25.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.861	0.006	91	245649	22.8	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.099				ND	
13 Vinyl chloride	62		1.172				ND	
14 Bromomethane	94		1.409				ND	
15 Chloroethane	64		1.464				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.035				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.042				ND	
23 Acetone	43		2.151				ND	
26 Carbon disulfide	76		2.218				ND	7
27 Methyl acetate	43		2.425				ND	
30 Methylene Chloride	84	2.504	2.510	-0.006	89	14428	0.6976	
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.118				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
52 Cyclohexane	56		4.049				ND	
51 1,1,1-Trichloroethane	97		4.055				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.221				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.732				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91	7.748	7.742	0.006	73	18231	0.5334	
90 m-Xylene & p-Xylene	106	7.870	7.864	0.006	97	29606	2.12	
91 o-Xylene	106	8.283	8.283	0.000	98	108929	8.04	
92 Styrene	104		8.314				ND	U
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105	8.673	8.667	0.006	89	39801	1.28	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91	9.111	9.111	0.000	89	38152	0.99	
102 1,3,5-Trimethylbenzene	105	9.311	9.311	0.000	93	484613	17.2	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	97	826515	28.0	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1				0		10.2	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d

Injection Date: 24-Jun-2025 03:50:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: 480-230498-A-3

Lab Sample ID: 480-230498-3

Worklist Smp#: 15

Client ID: VRI-1

Purge Vol: 5.000 mL

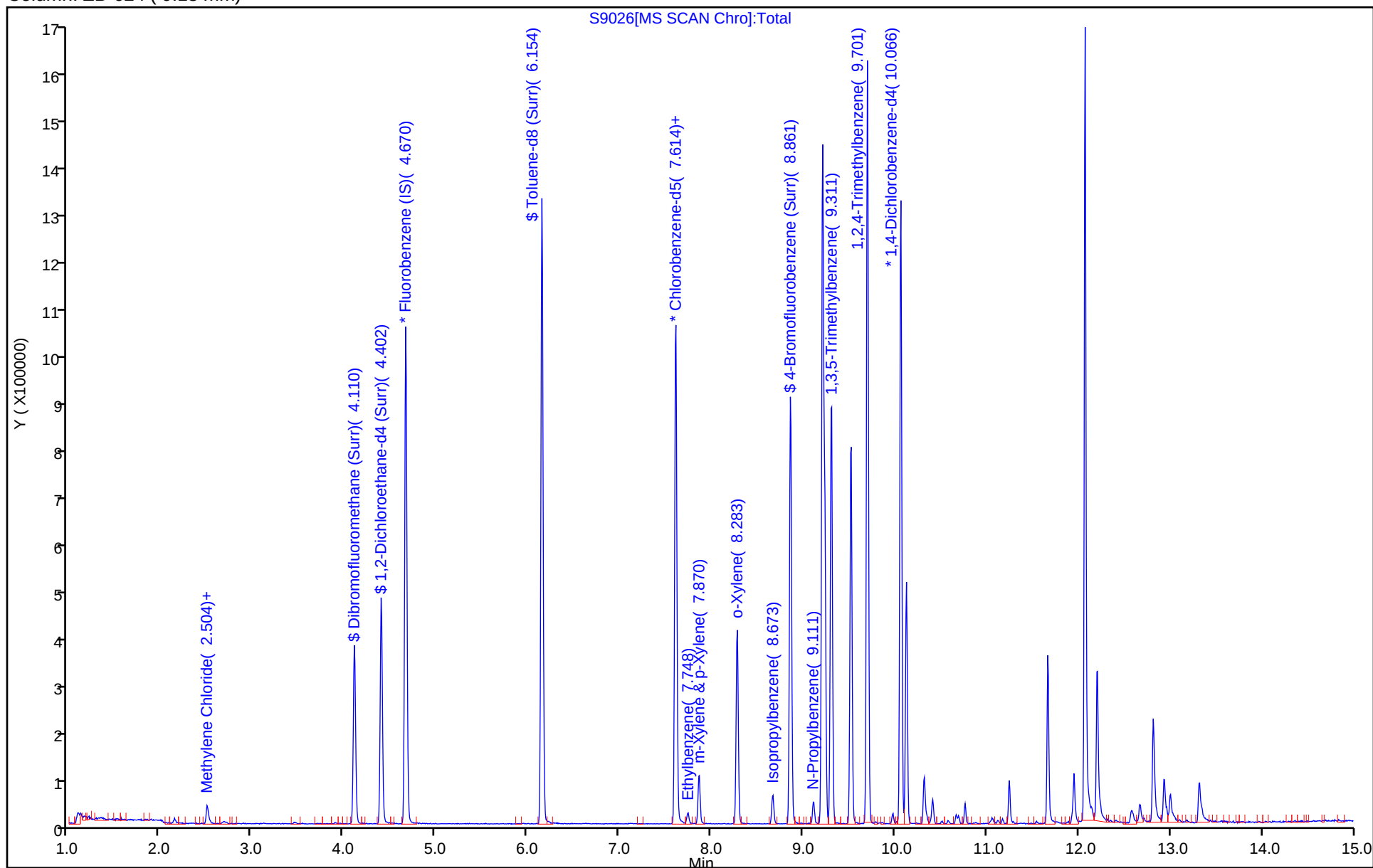
Dil. Factor: 100.0000

ALS Bottle#: 15

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d
Lims ID: 480-230498-A-3
Client ID: VRI-1
Sample Type: Client
Inject. Date: 24-Jun-2025 03:50:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 480-230498-A-3
Misc. Info.: 480-0124139-015
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2025 10:36:58 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:36:58

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	23.1	92.48
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.5	105.87
\$ 5 Toluene-d8 (Surr)	25.0	25.3	101.36
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.8	91.26

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d

Injection Date: 24-Jun-2025 03:50:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-3

Lab Sample ID: 480-230498-3

Client ID: VRI-1

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

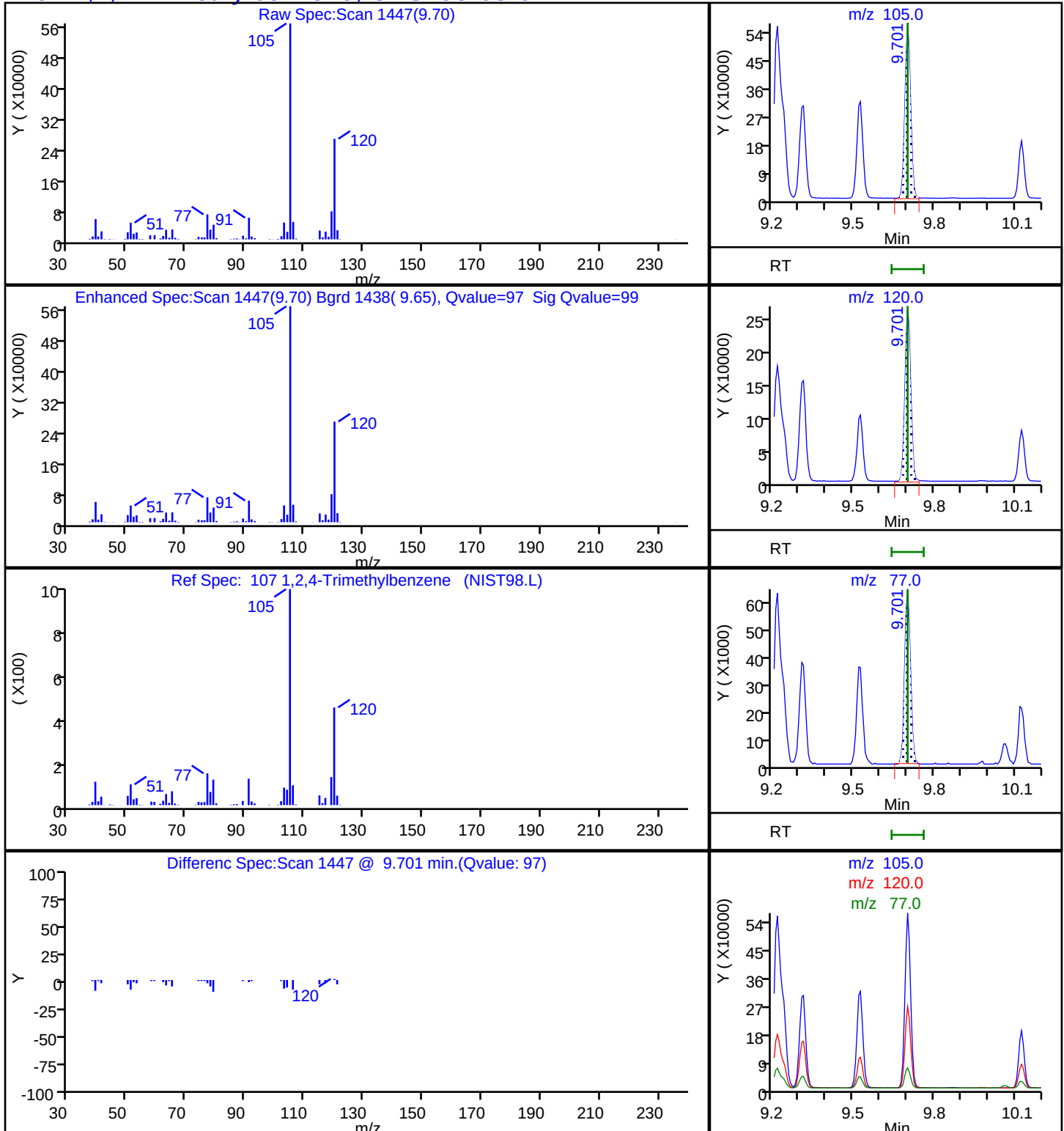
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

107 1,2,4-Trimethylbenzene, CAS: 95-63-6

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d

Injection Date: 24-Jun-2025 03:50:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-3

Lab Sample ID: 480-230498-3

Client ID: VRI-1

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

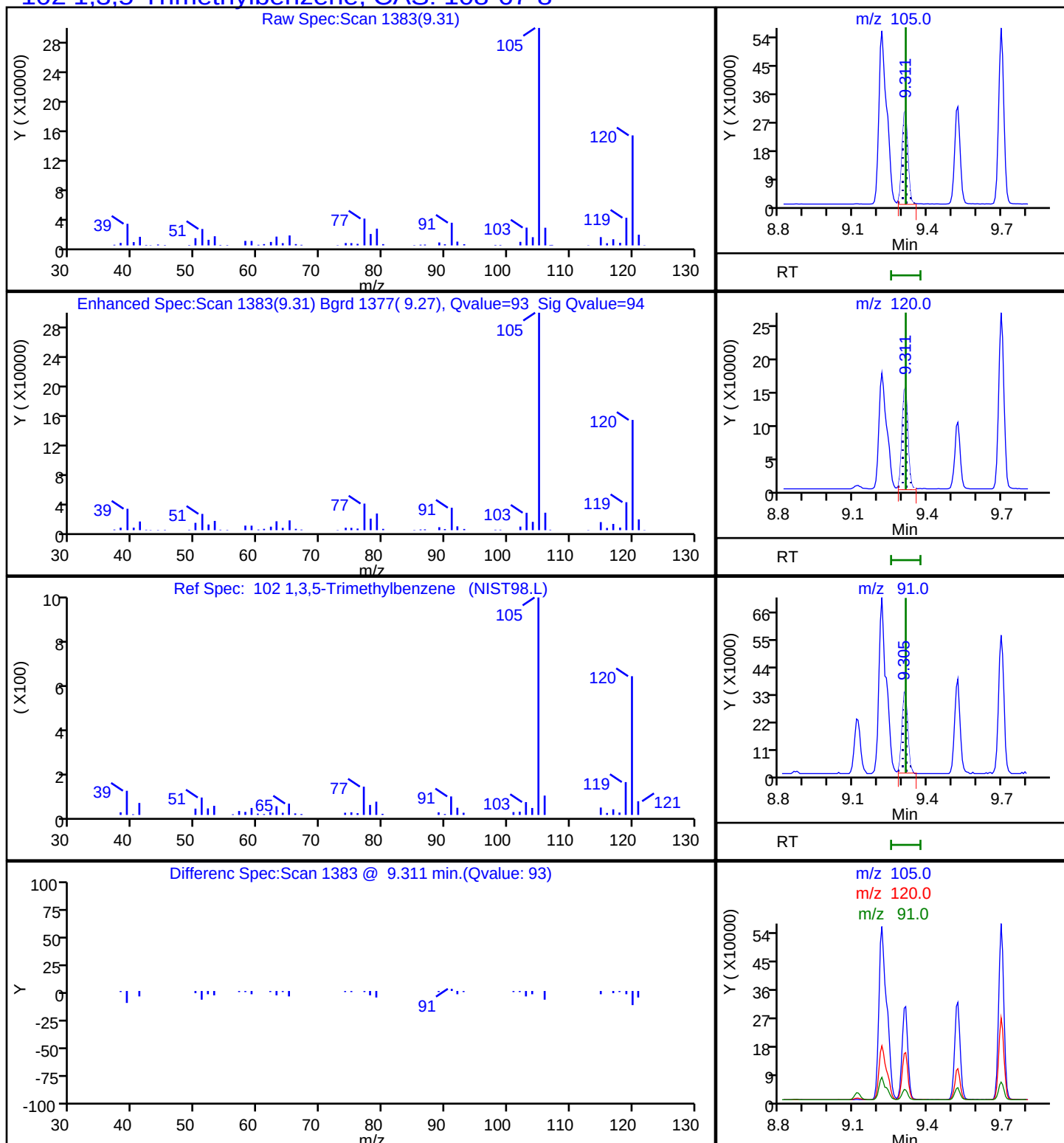
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

102 1,3,5-Trimethylbenzene, CAS: 108-67-8

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d

Injection Date: 24-Jun-2025 03:50:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-3

Lab Sample ID: 480-230498-3

Client ID: VRI-1

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

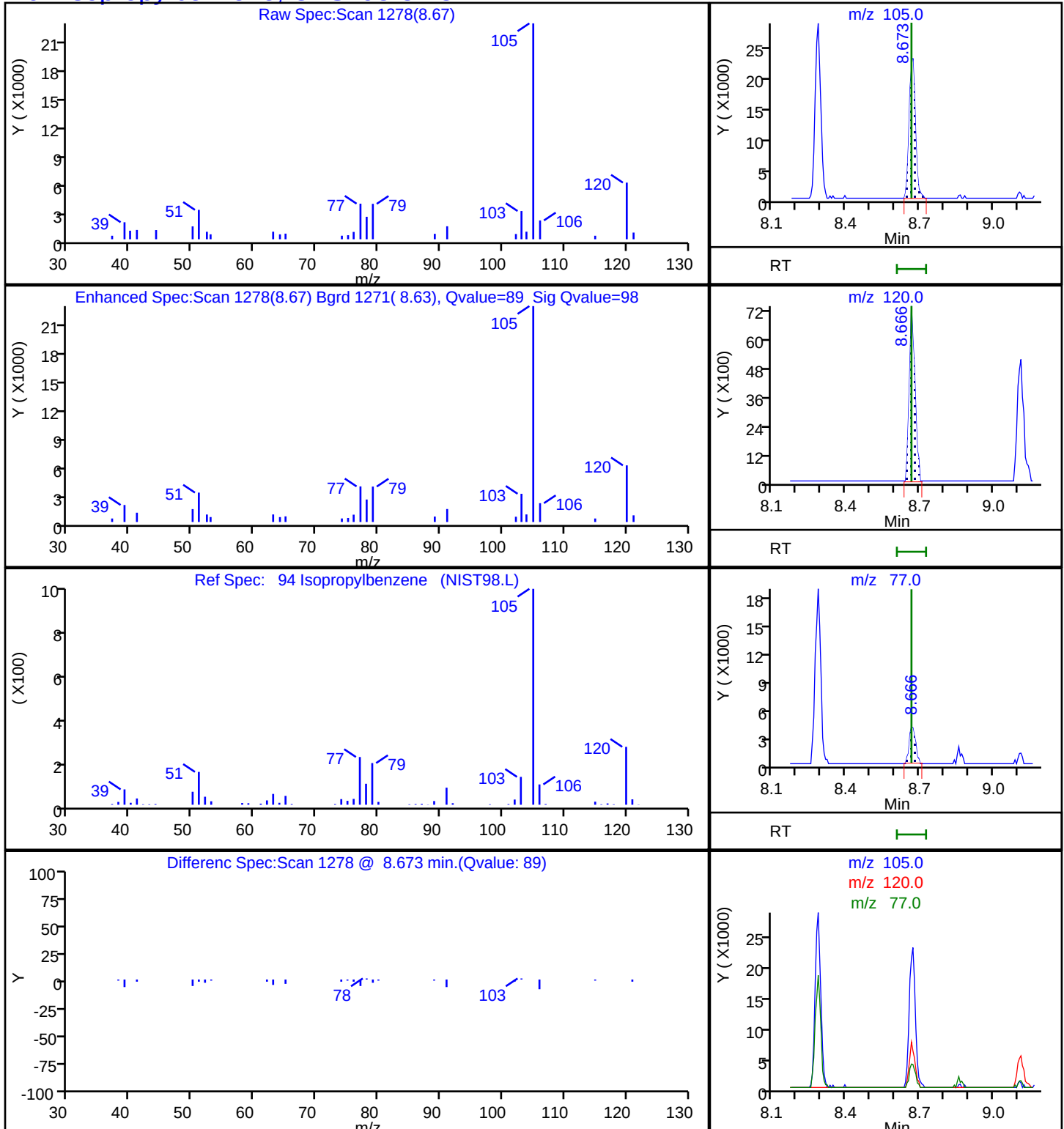
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

94 Isopropylbenzene, CAS: 98-82-8

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d

Injection Date: 24-Jun-2025 03:50:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-3

Lab Sample ID: 480-230498-3

Client ID: VRI-1

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

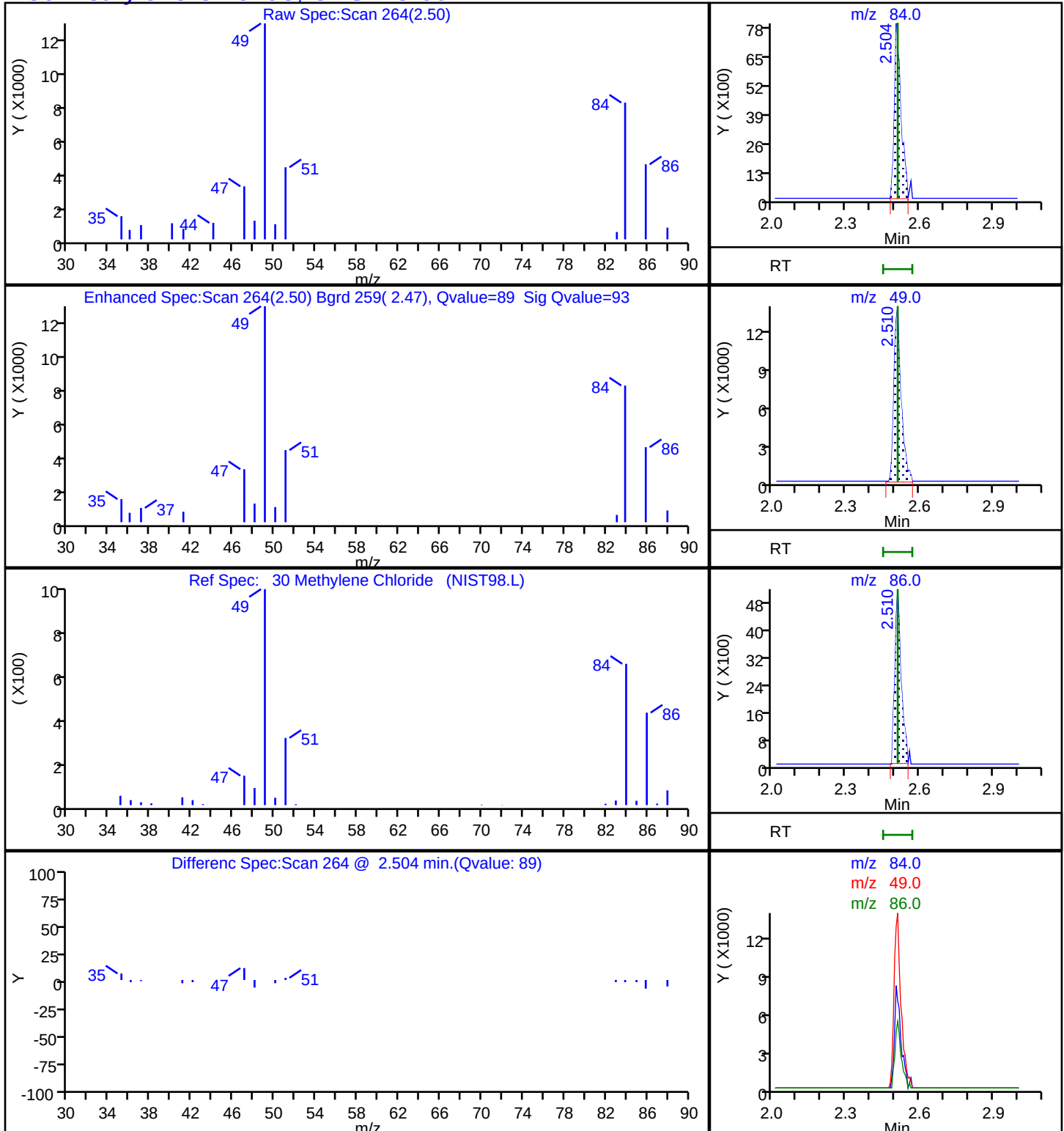
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d

Injection Date: 24-Jun-2025 03:50:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-3

Lab Sample ID: 480-230498-3

Client ID: VRI-1

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

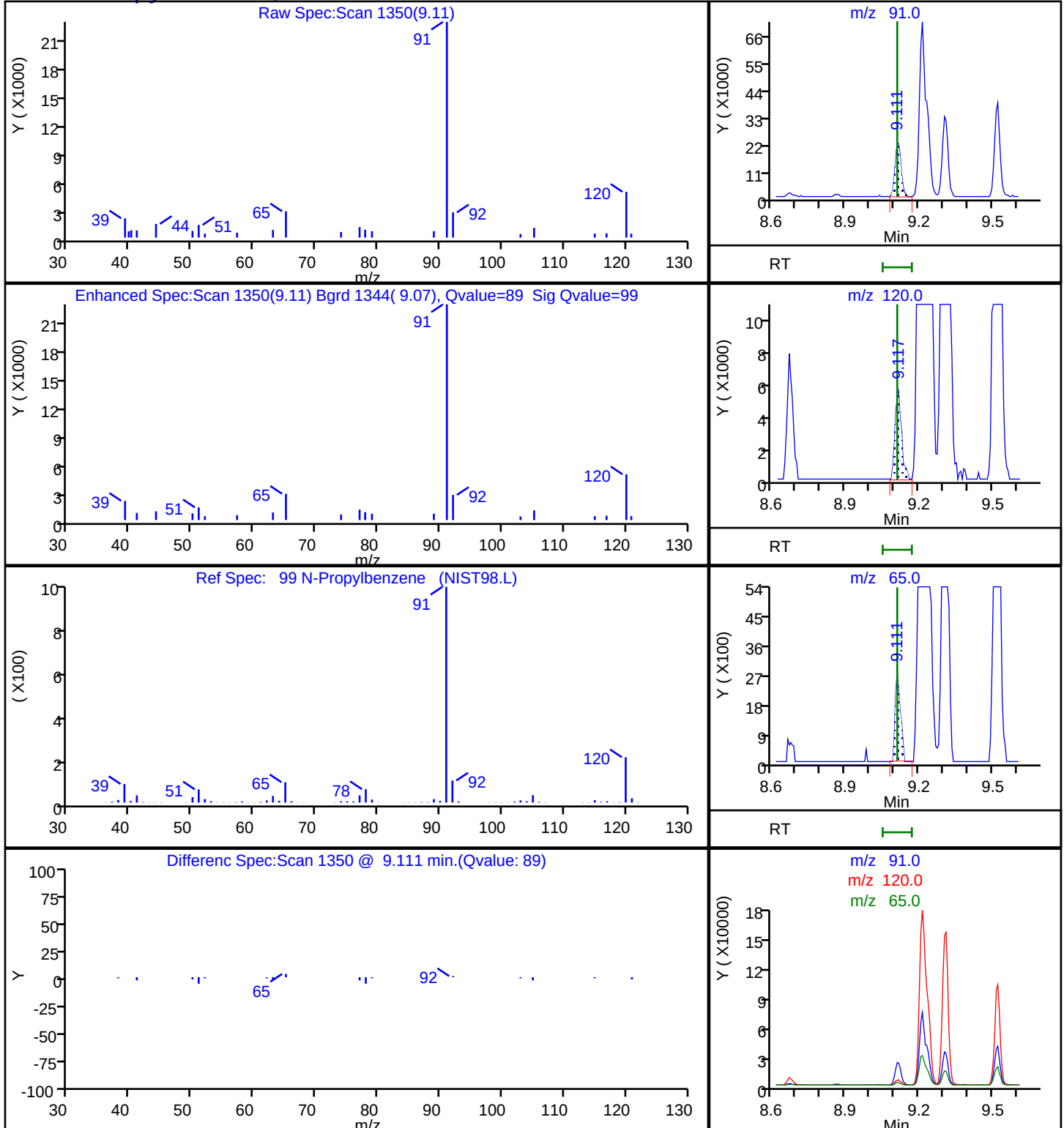
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

99 N-Propylbenzene, CAS: 103-65-1

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d

Injection Date: 24-Jun-2025 03:50:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-3

Lab Sample ID: 480-230498-3

Client ID: VRI-1

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

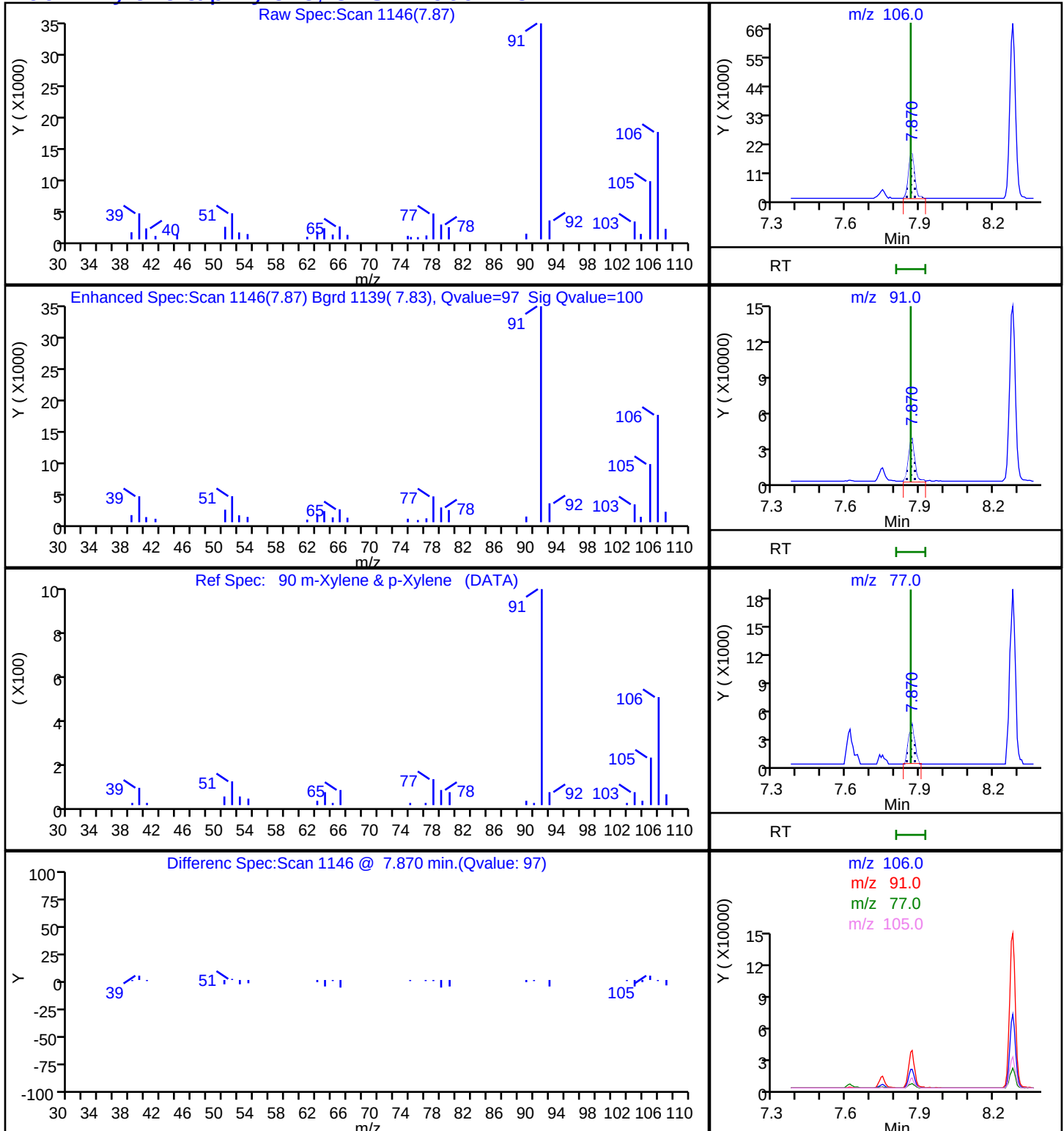
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

90 m-Xylene & p-Xylene, CAS: 179601-23-1

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d

Injection Date: 24-Jun-2025 03:50:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-3

Lab Sample ID: 480-230498-3

Client ID: VRI-1

Operator ID: AG/LH

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

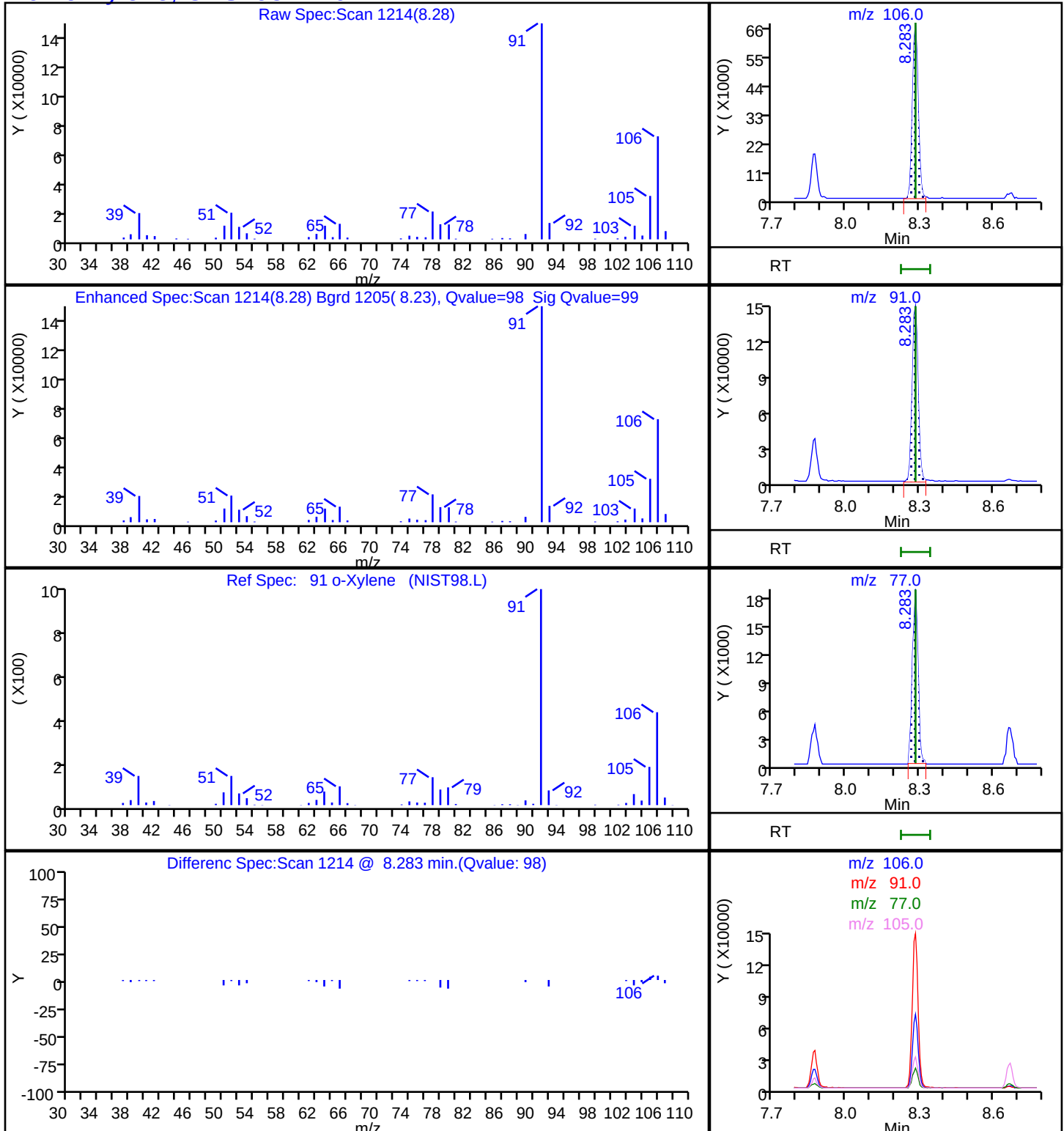
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

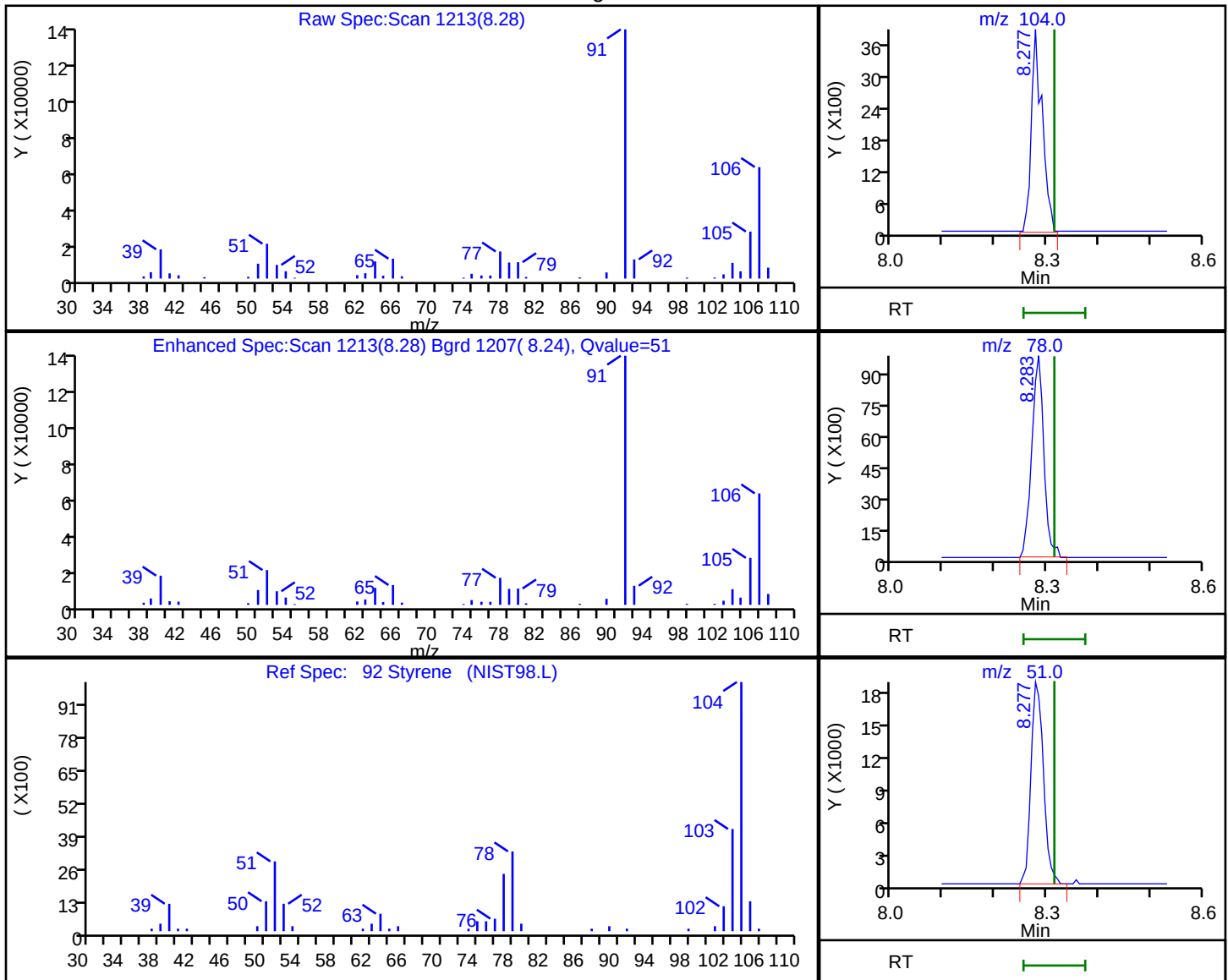
91 o-Xylene, CAS: 95-47-6

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9026.d
Injection Date: 24-Jun-2025 03:50:30 Instrument ID: HP5973S
Lims ID: 480-230498-A-3 Lab Sample ID: 480-230498-3
Client ID: VRI-1
Operator ID: AG/LH ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

92 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.28	104.00	5650	0.253356
8.28	78.00	16070	
8.28	51.00	31375	

Reviewer: FGO5, 24-Jun-2025 10:36:49 -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: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>EB-20250616</u>	Lab Sample ID: <u>480-230498-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8976.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/16/2025 12:50</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/21/2025 06:12</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749533</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	3.0	J	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>EB-20250616</u>	Lab Sample ID: <u>480-230498-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8976.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/16/2025 12:50</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/21/2025 06:12</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749533</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND	*+	1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
1868-53-7	Dibromofluoromethane (Surr)	89		75-123
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8976.d
 Lims ID: 480-230498-A-4
 Client ID: EB-20250616
 Sample Type: Client
 Inject. Date: 21-Jun-2025 06:12:30 ALS Bottle#: 24 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-230498-A-4
 Misc. Info.: 480-0124110-024
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 23-Jun-2025 13:20:40 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 13:22:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	97	153680	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	287949	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	94	297786	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	56	187982	22.4	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	133333	25.4	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	85	722052	25.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	86	223046	22.3	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.093				ND	
13 Vinyl chloride	62		1.166				ND	
14 Bromomethane	94		1.403				ND	
15 Chloroethane	64		1.458				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.036				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.042				ND	
23 Acetone	43	2.151	2.151	0.000	90	10656	2.98	
26 Carbon disulfide	76		2.212				ND	
27 Methyl acetate	43		2.419				ND	
30 Methylene Chloride	84		2.504				ND	7
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.112				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
51 1,1,1-Trichloroethane	97		4.049				ND	
52 Cyclohexane	56		4.049				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.215				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.732				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91		7.742				ND	
90 m-Xylene & p-Xylene	106		7.864				ND	
91 o-Xylene	106		8.283				ND	
92 Styrene	104		8.314				ND	
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105		8.667				ND	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91		9.111				ND	
102 1,3,5-Trimethylbenzene	105		9.305				ND	
107 1,2,4-Trimethylbenzene	105		9.701				ND	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8976.d

Injection Date: 21-Jun-2025 06:12:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: 480-230498-A-4

Lab Sample ID: 480-230498-4

Worklist Smp#: 24

Client ID: EB-20250616

Purge Vol: 5.000 mL

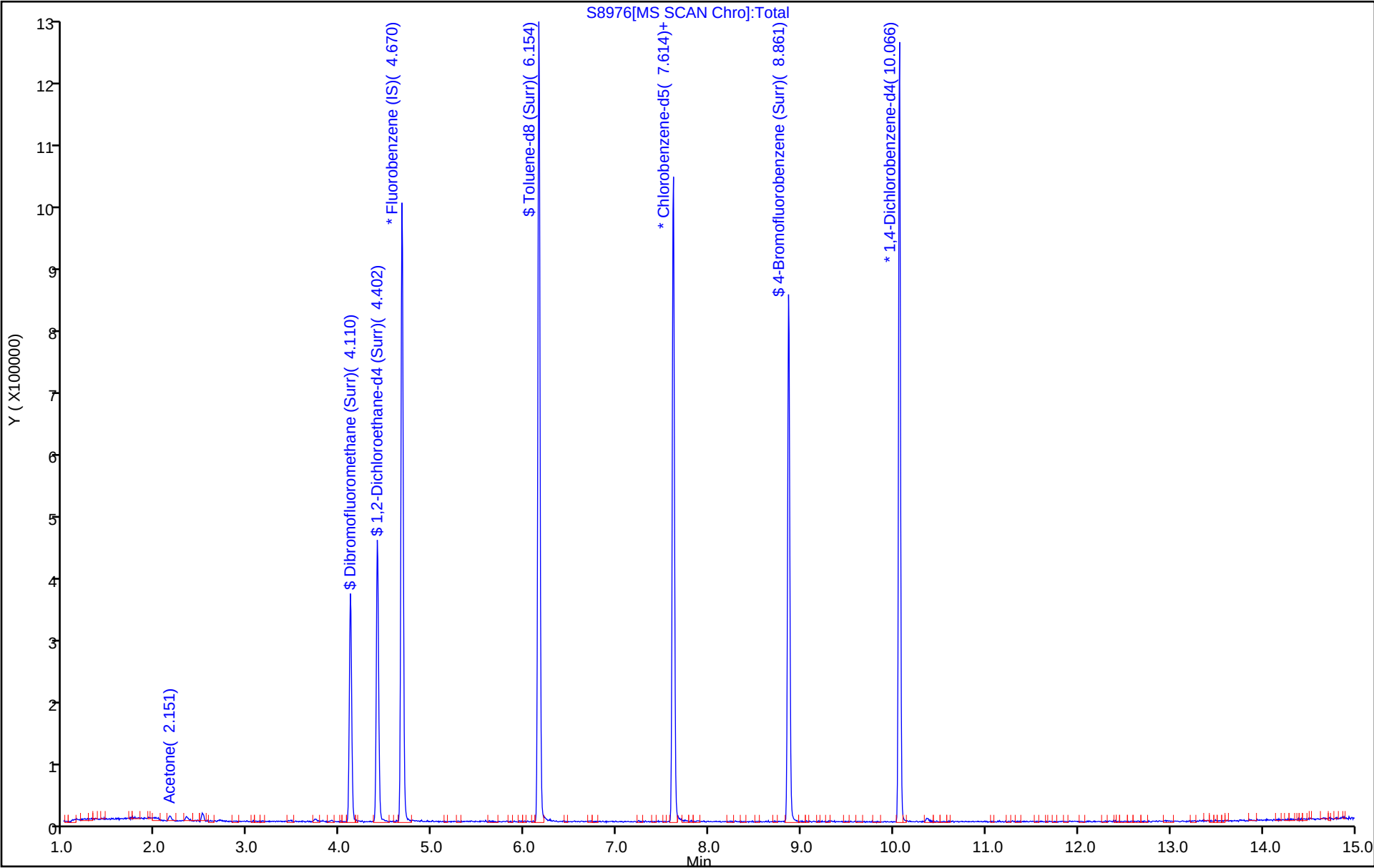
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8976.d
Lims ID: 480-230498-A-4
Client ID: EB-20250616
Sample Type: Client
Inject. Date: 21-Jun-2025 06:12:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-230498-A-4
Misc. Info.: 480-0124110-024
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2025 13:20:40 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 13:22:46

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.4	89.41
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.4	101.70
\$ 5 Toluene-d8 (Surr)	25.0	25.2	100.75
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.3	89.08

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8976.d

Injection Date: 21-Jun-2025 06:12:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-4

Lab Sample ID: 480-230498-4

Client ID: EB-20250616

Operator ID: AG

ALS Bottle#: 24

Worklist Smp#: 24

Purge Vol: 5.000 mL

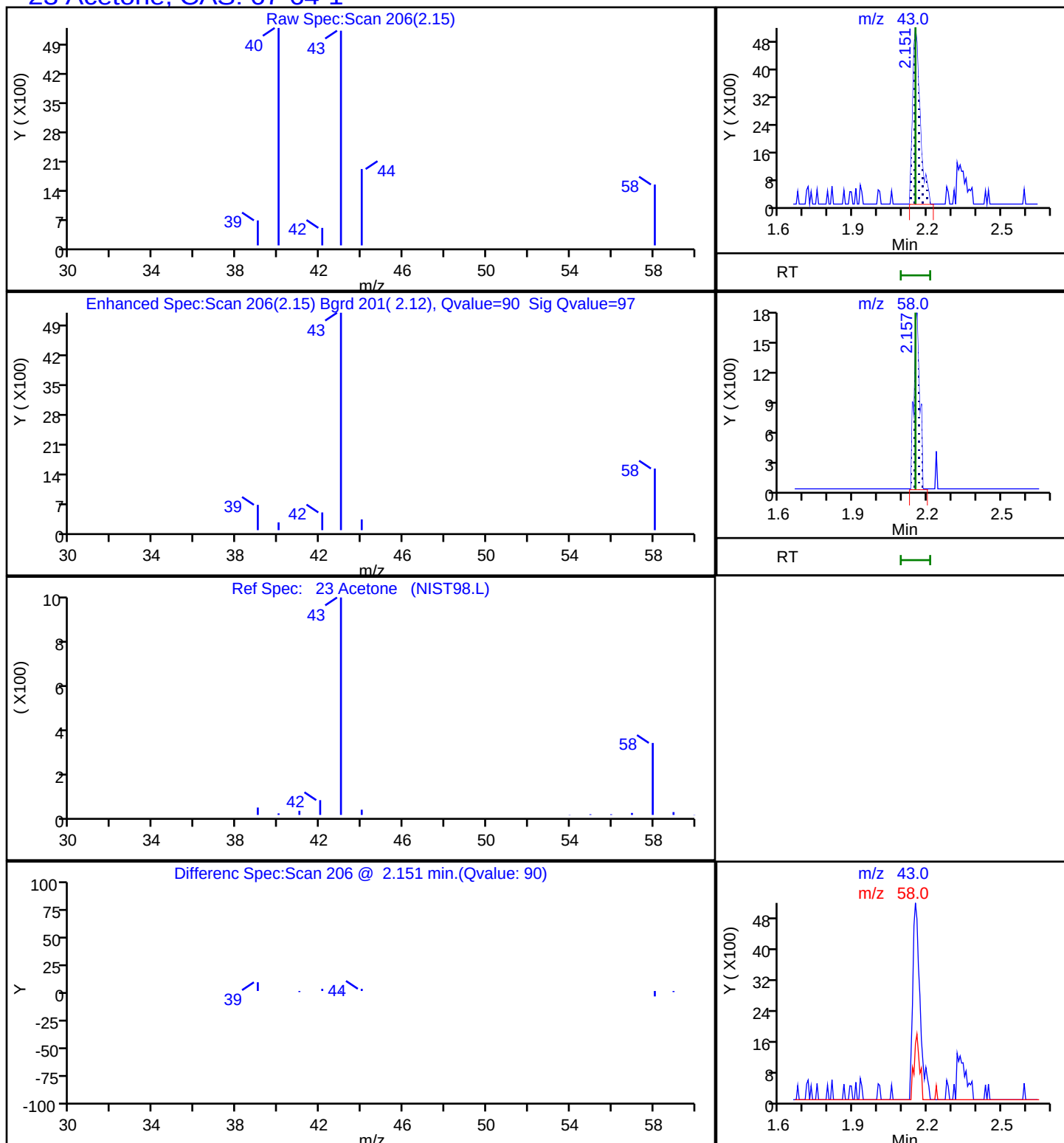
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

23 Acetone, CAS: 67-64-1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Client Sample ID: DUP-20250618 Lab Sample ID: 480-230498-5

Matrix: Water Lab File ID: S9027.d

Analysis Method: 8260C Date Collected: 06/18/2025 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2025 04:13

Soil Aliquot Vol: _____ Dilution Factor: 100

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

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

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

Analysis Batch No.: 749755 Units: ug/L

Preparation Batch No.: _____ Instrument ID: HP5973S

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		100	82
79-34-5	1,1,2,2-Tetrachloroethane	ND		100	21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31
79-00-5	1,1,2-Trichloroethane	ND		100	23
75-34-3	1,1-Dichloroethane	ND		100	38
75-35-4	1,1-Dichloroethene	ND		100	29
120-82-1	1,2,4-Trichlorobenzene	ND		100	41
95-63-6	1,2,4-Trimethylbenzene	2700		100	75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		100	39
106-93-4	1,2-Dibromoethane	ND		100	73
95-50-1	1,2-Dichlorobenzene	ND		100	79
107-06-2	1,2-Dichloroethane	ND		100	21
78-87-5	1,2-Dichloropropane	ND		100	72
108-67-8	1,3,5-Trimethylbenzene	1700		100	77
541-73-1	1,3-Dichlorobenzene	ND		100	78
106-46-7	1,4-Dichlorobenzene	ND		100	84
78-93-3	2-Butanone (MEK)	ND		1000	130
591-78-6	2-Hexanone	ND		500	120
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	210
67-64-1	Acetone	ND		1000	300
71-43-2	Benzene	ND		100	41
75-27-4	Bromodichloromethane	ND		100	39
75-25-2	Bromoform	ND		100	26
74-83-9	Bromomethane	ND		100	69
75-15-0	Carbon disulfide	ND		100	19
56-23-5	Carbon tetrachloride	ND		100	27
108-90-7	Chlorobenzene	ND		100	75
75-00-3	Chloroethane	ND		100	32
67-66-3	Chloroform	ND		100	34
74-87-3	Chloromethane	ND		100	35
156-59-2	cis-1,2-Dichloroethene	ND		100	81
10061-01-5	cis-1,3-Dichloropropene	ND		100	36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP-20250618</u>	Lab Sample ID: <u>480-230498-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9027.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 00:00</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 04:13</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>100</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		100	18
124-48-1	Dibromochloromethane	ND		100	32
75-71-8	Dichlorodifluoromethane	ND		100	68
100-41-4	Ethylbenzene	ND		100	74
98-82-8	Isopropylbenzene	130		100	79
79-20-9	Methyl acetate	ND		250	130
1634-04-4	Methyl tert-butyl ether	ND		100	16
108-87-2	Methylcyclohexane	ND		100	16
75-09-2	Methylene Chloride	71	J B	100	44
103-65-1	N-Propylbenzene	94	J	100	69
100-42-5	Styrene	ND		100	73
127-18-4	Tetrachloroethene	ND		100	36
108-88-3	Toluene	ND		100	51
156-60-5	trans-1,2-Dichloroethene	ND		100	90
10061-02-6	trans-1,3-Dichloropropene	ND		100	37
79-01-6	Trichloroethene	ND		100	46
75-69-4	Trichlorofluoromethane	ND		100	88
75-01-4	Vinyl chloride	ND		100	90
1330-20-7	Xylenes, Total	960		200	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	85		73-120
1868-53-7	Dibromofluoromethane (Surr)	91		75-123
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d
 Lims ID: 480-230498-A-5
 Client ID: DUP-20250618
 Sample Type: Client
 Inject. Date: 24-Jun-2025 04:13:30 ALS Bottle#: 16 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 100.0000
 Sample Info: 480-230498-A-5
 Misc. Info.: 480-0124139-016
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jun-2025 10:37:55 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:37:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	163862	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	86	317588	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	313092	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	52	203580	22.7	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	90	143447	25.7	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	85	795614	25.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	86	235066	21.3	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.099				ND	
13 Vinyl chloride	62		1.172				ND	
14 Bromomethane	94		1.409				ND	
15 Chloroethane	64		1.464				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.035				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.042				ND	
23 Acetone	43		2.151				ND	
26 Carbon disulfide	76		2.218				ND	
27 Methyl acetate	43		2.425				ND	
30 Methylene Chloride	84	2.510	2.510	0.000	90	14729	0.7096	
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.118				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
52 Cyclohexane	56		4.049				ND	
51 1,1,1-Trichloroethane	97		4.055				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.221				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.732				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91	7.742	7.742	0.000	72	17171	0.4897	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	95	30397	2.12	
91 o-Xylene	106	8.283	8.283	0.000	98	104719	7.53	
92 Styrene	104		8.314				ND	U
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105	8.667	8.667	0.000	76	40014	1.34	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91	9.117	9.111	0.006	84	34709	0.9437	
102 1,3,5-Trimethylbenzene	105	9.305	9.311	-0.006	93	447622	16.7	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	98	756355	26.9	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1				0		9.65	

QC Flag Legend

Processing Flags

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d

Injection Date: 24-Jun-2025 04:13:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: 480-230498-A-5

Lab Sample ID: 480-230498-5

Worklist Smp#: 16

Client ID: DUP-20250618

Purge Vol: 5.000 mL

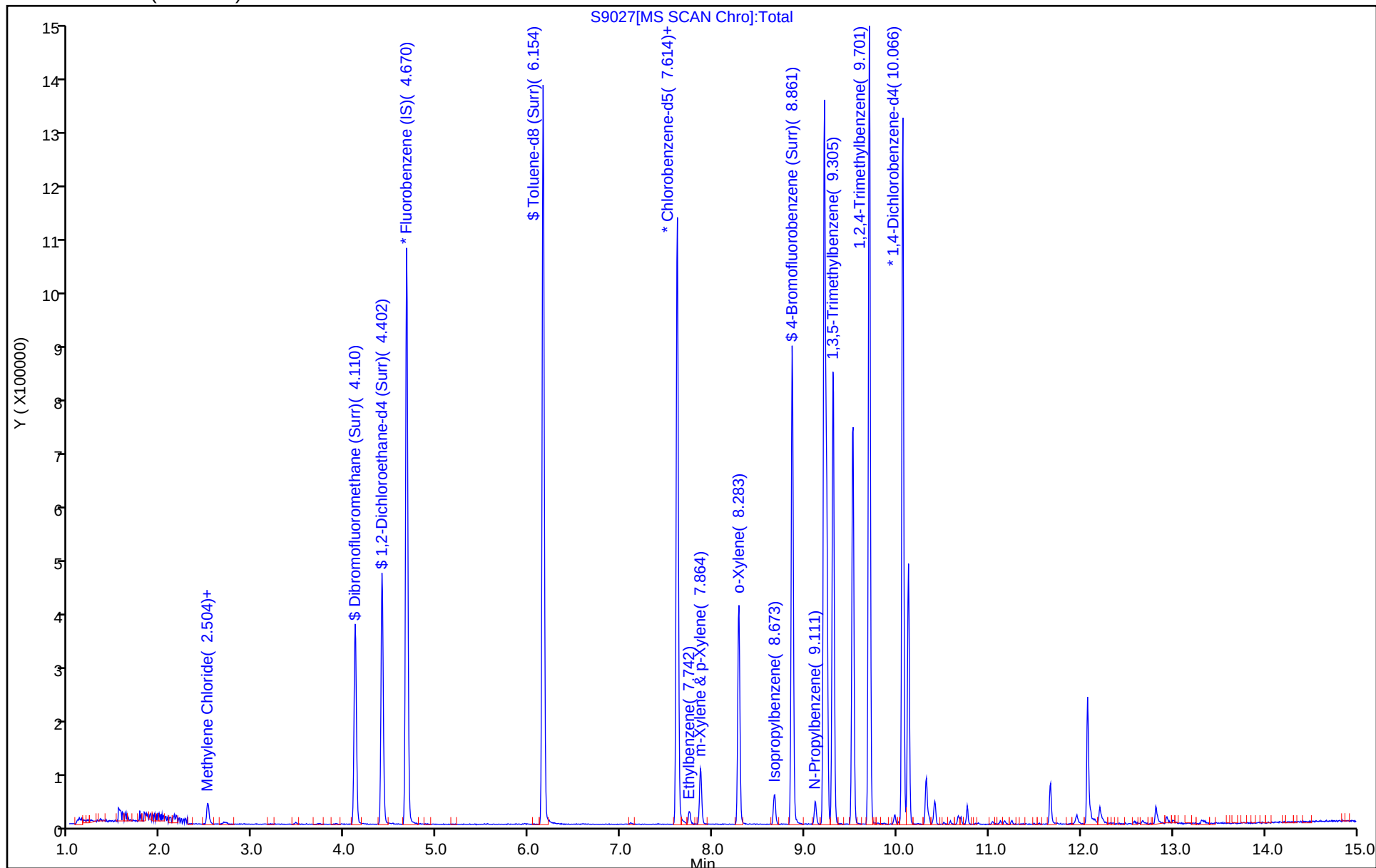
Dil. Factor: 100.0000

ALS Bottle#: 16

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d
Lims ID: 480-230498-A-5
Client ID: DUP-20250618
Sample Type: Client
Inject. Date: 24-Jun-2025 04:13:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 480-230498-A-5
Misc. Info.: 480-0124139-016
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2025 10:37:55 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:37:55

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.7	90.81
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.7	102.61
\$ 5 Toluene-d8 (Surr)	25.0	25.2	100.65
\$ 6 4-Bromofluorobenzene (Surr)	25.0	21.3	85.12

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d

Injection Date: 24-Jun-2025 04:13:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-5

Lab Sample ID: 480-230498-5

Client ID: DUP-20250618

Operator ID: AG/LH

ALS Bottle#: 16

Worklist Smp#: 16

Purge Vol: 5.000 mL

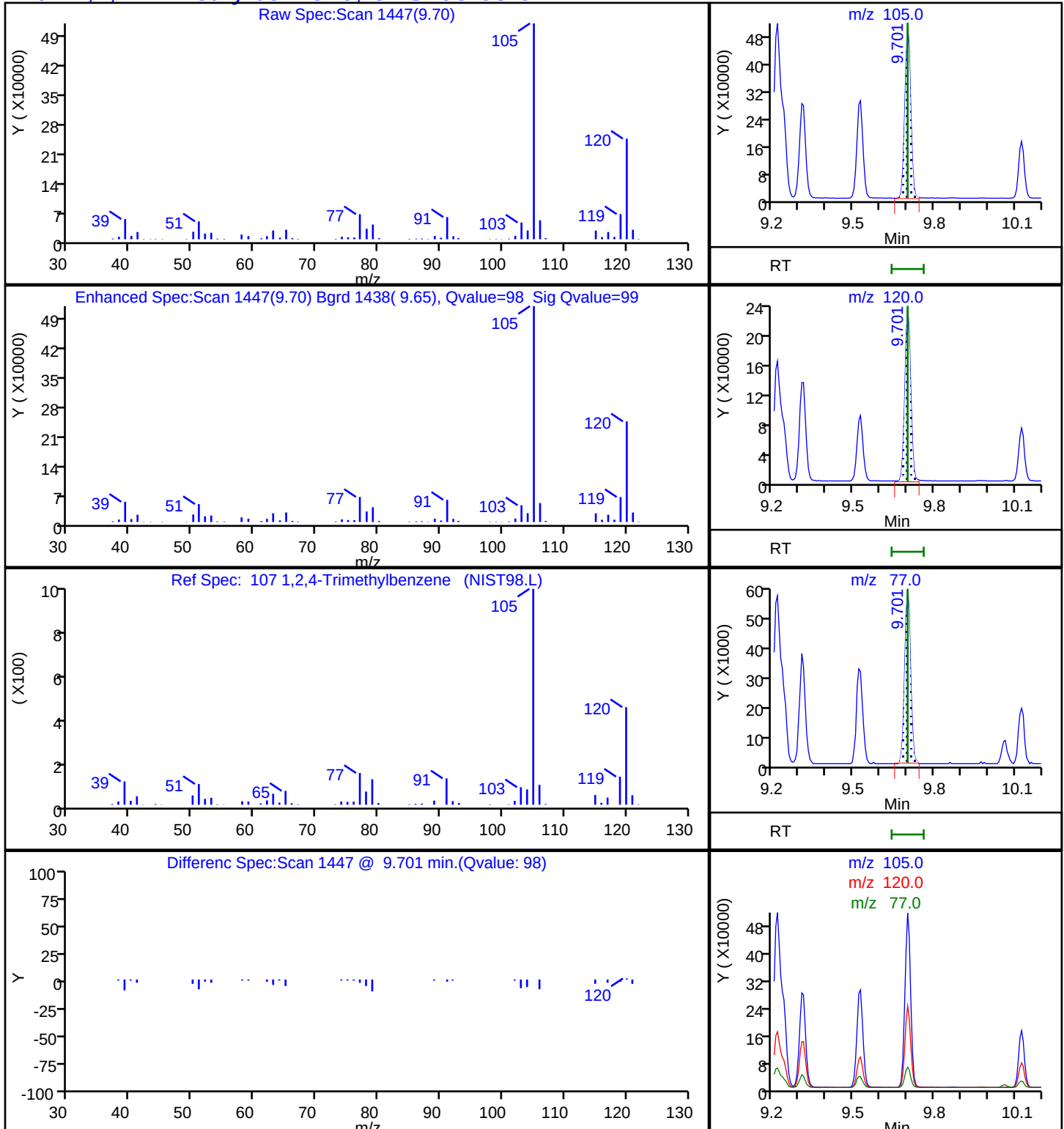
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

107 1,2,4-Trimethylbenzene, CAS: 95-63-6

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d

Injection Date: 24-Jun-2025 04:13:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-5

Lab Sample ID: 480-230498-5

Client ID: DUP-20250618

Operator ID: AG/LH

ALS Bottle#: 16

Worklist Smp#: 16

Purge Vol: 5.000 mL

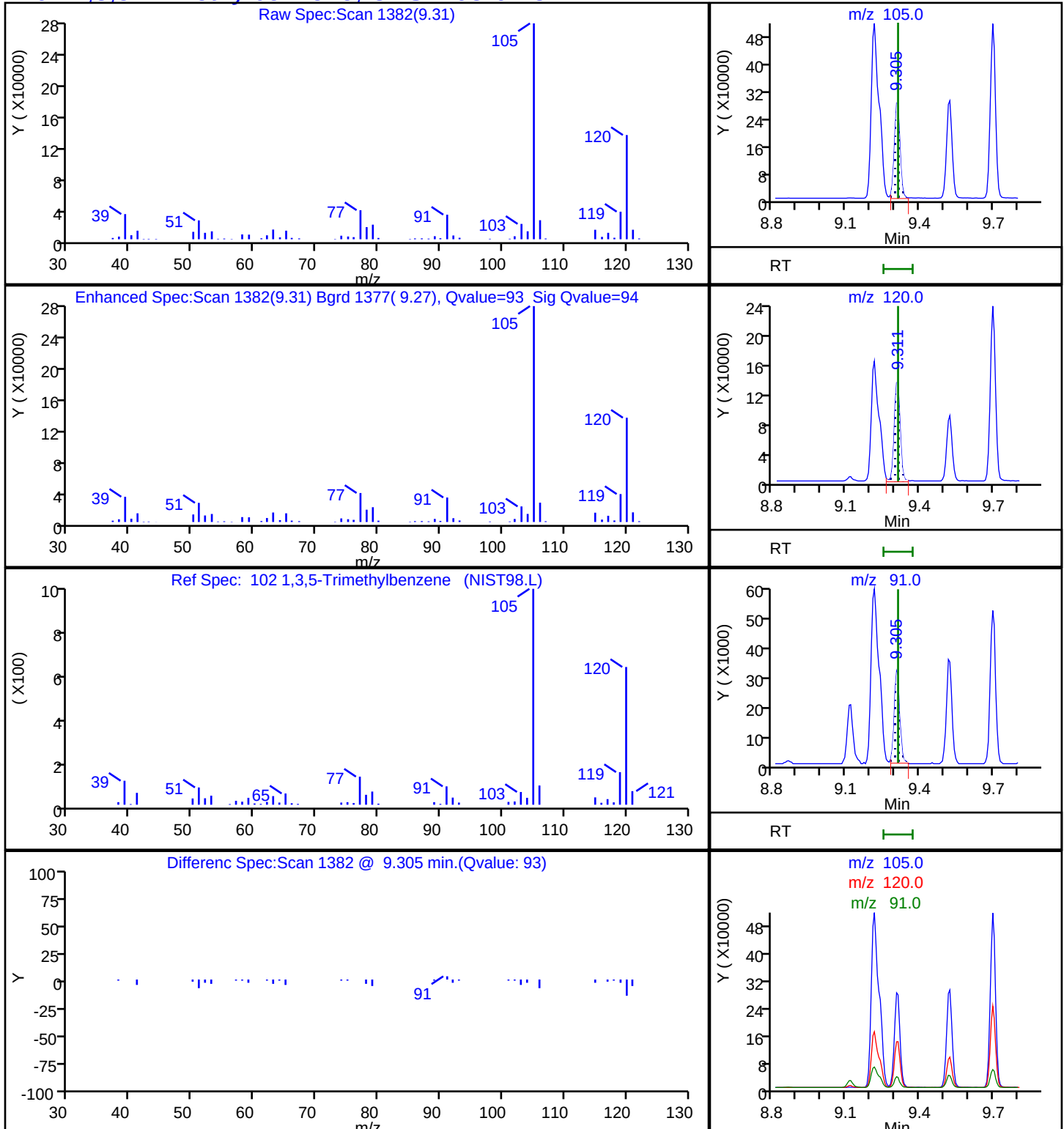
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

102 1,3,5-Trimethylbenzene, CAS: 108-67-8

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d

Injection Date: 24-Jun-2025 04:13:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-5

Lab Sample ID: 480-230498-5

Client ID: DUP-20250618

Operator ID: AG/LH

ALS Bottle#: 16

Worklist Smp#: 16

Purge Vol: 5.000 mL

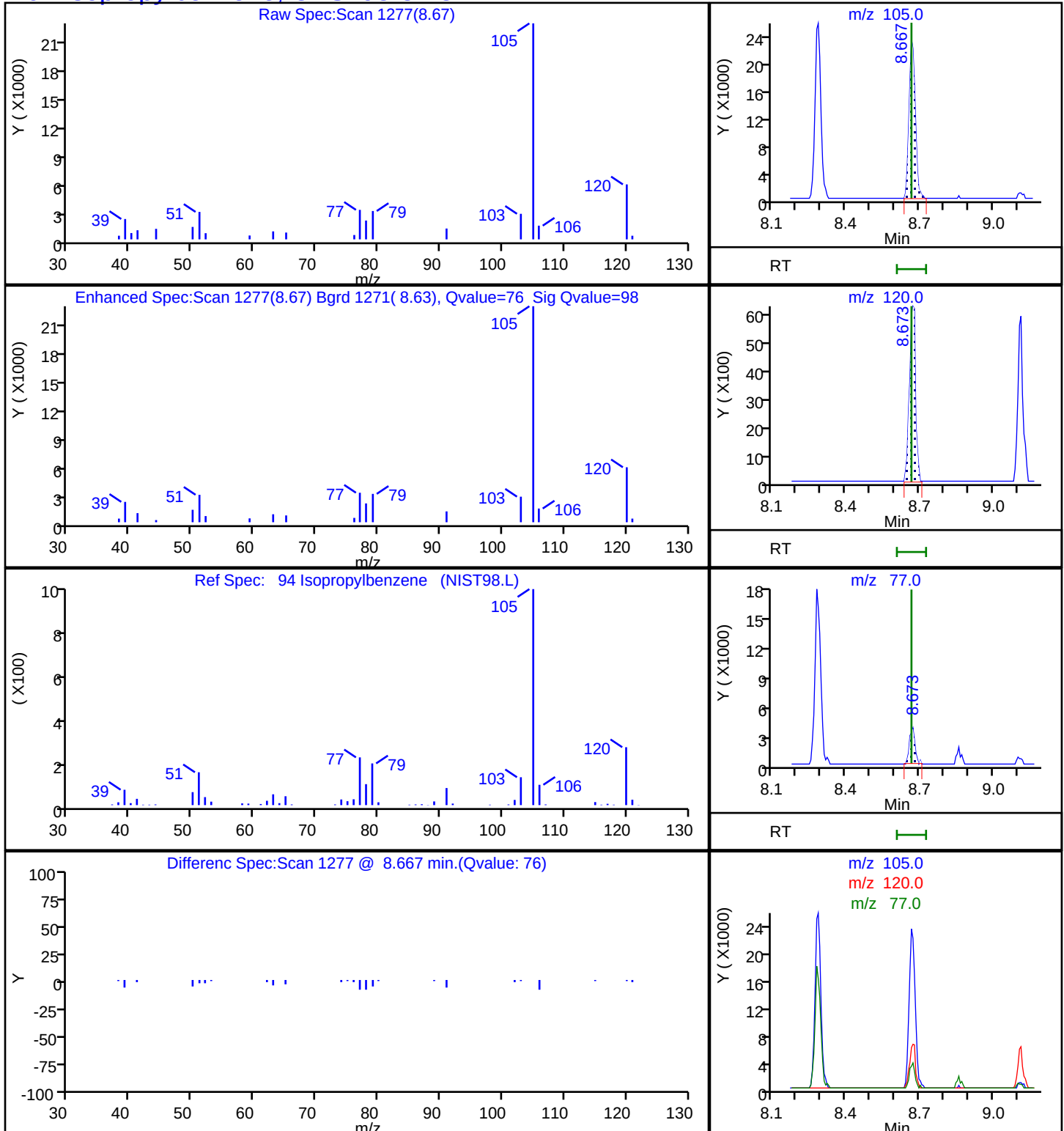
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

94 Isopropylbenzene, CAS: 98-82-8

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d

Injection Date: 24-Jun-2025 04:13:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-5

Lab Sample ID: 480-230498-5

Client ID: DUP-20250618

Operator ID: AG/LH

ALS Bottle#: 16

Worklist Smp#: 16

Purge Vol: 5.000 mL

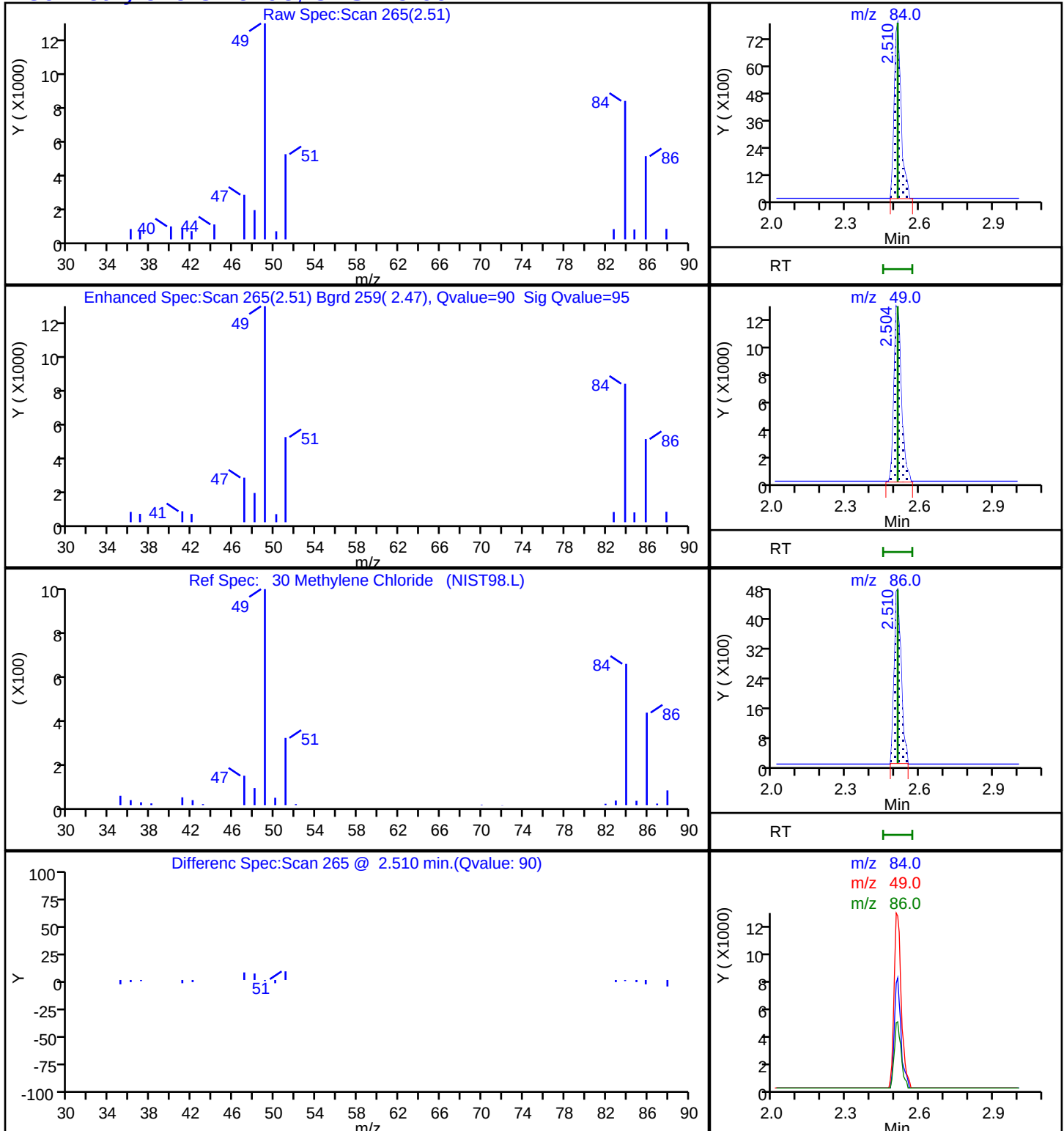
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d

Injection Date: 24-Jun-2025 04:13:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-5

Lab Sample ID: 480-230498-5

Client ID: DUP-20250618

Operator ID: AG/LH

ALS Bottle#: 16

Worklist Smp#: 16

Purge Vol: 5.000 mL

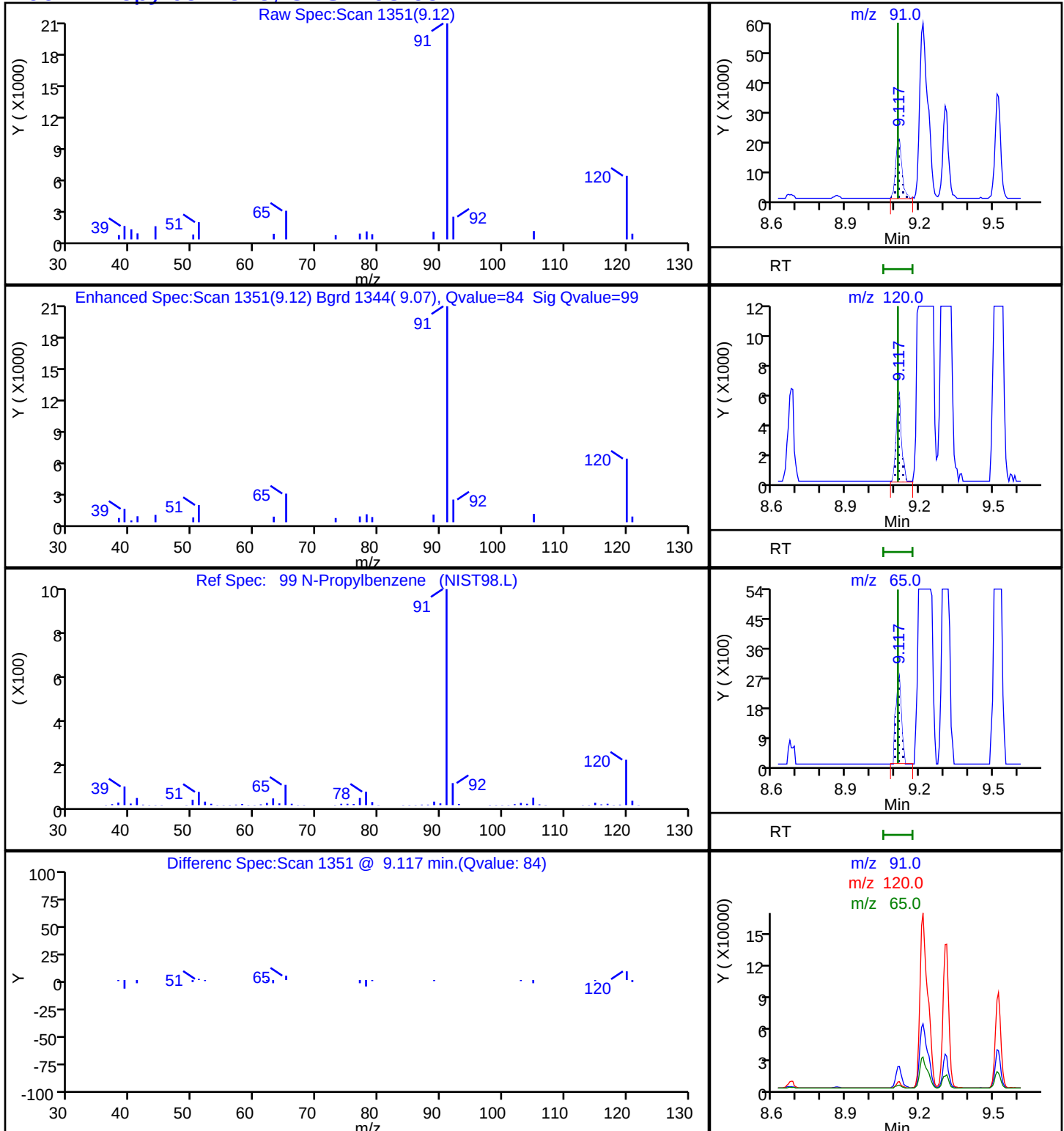
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

99 N-Propylbenzene, CAS: 103-65-1

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d

Injection Date: 24-Jun-2025 04:13:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-5

Lab Sample ID: 480-230498-5

Client ID: DUP-20250618

Operator ID: AG/LH

ALS Bottle#: 16

Worklist Smp#: 16

Purge Vol: 5.000 mL

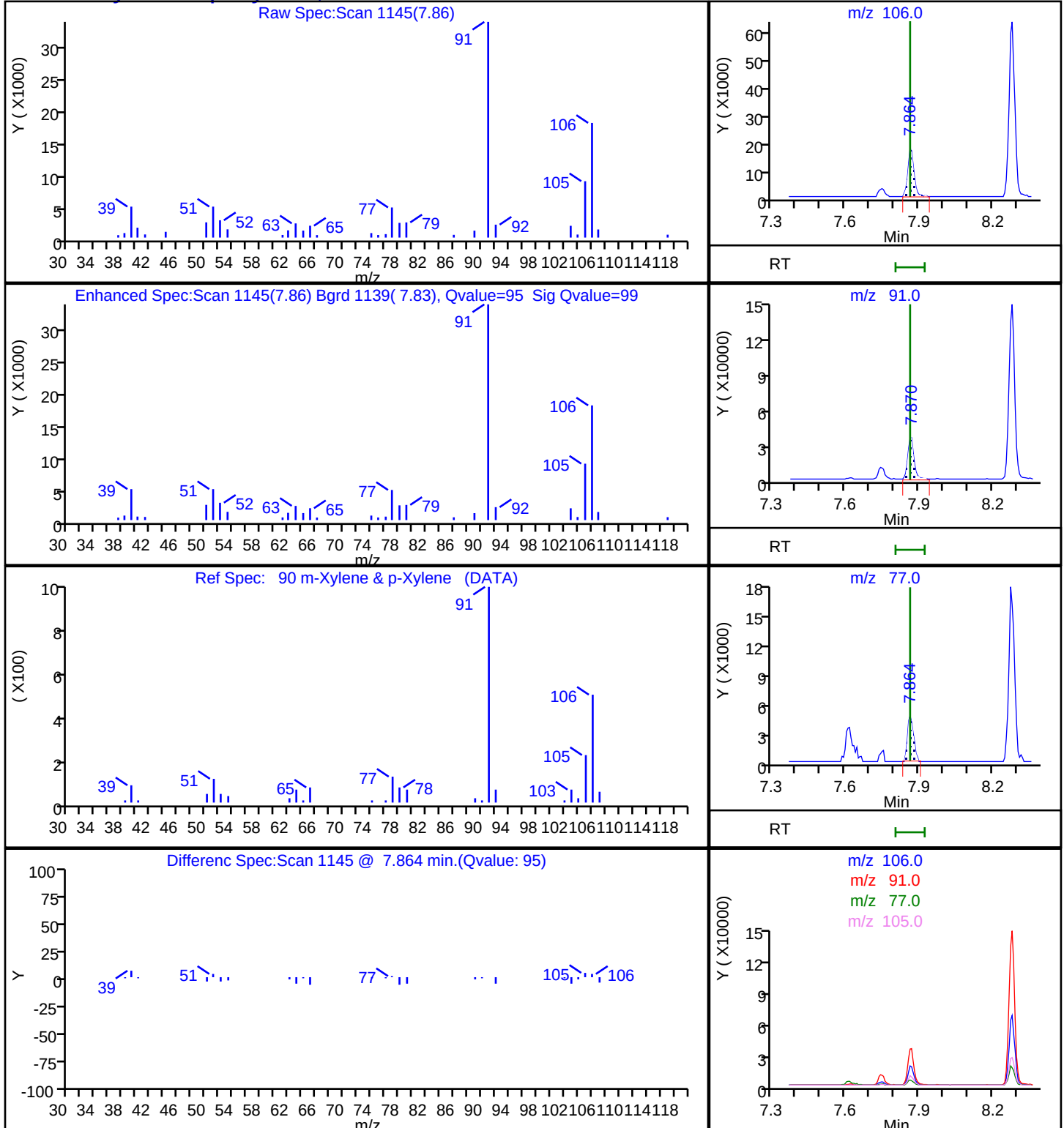
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

90 m-Xylene & p-Xylene, CAS: 179601-23-1

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d

Injection Date: 24-Jun-2025 04:13:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-5

Lab Sample ID: 480-230498-5

Client ID: DUP-20250618

Operator ID: AG/LH

ALS Bottle#: 16

Worklist Smp#: 16

Purge Vol: 5.000 mL

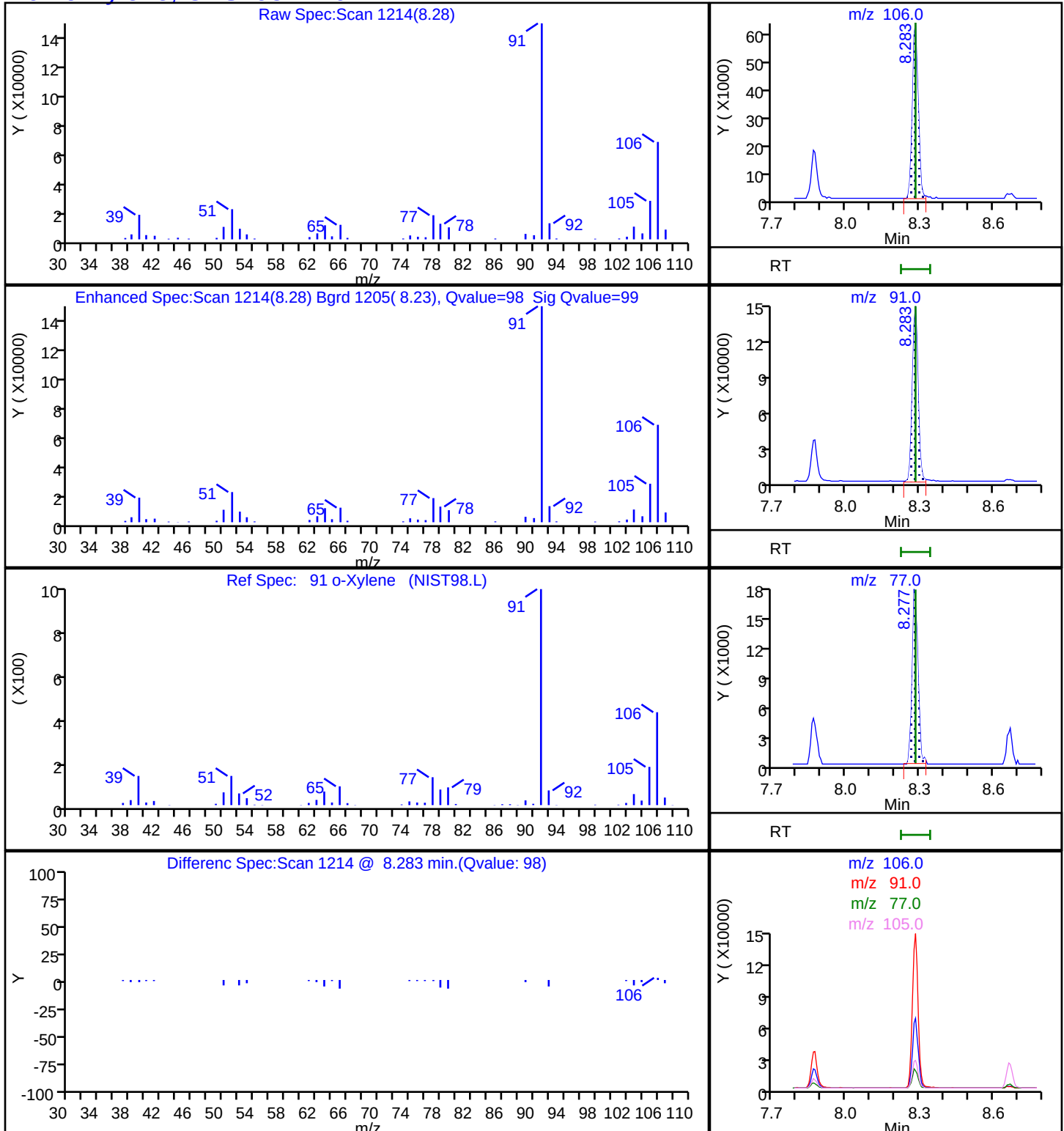
Dil. Factor: 100.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

91 o-Xylene, CAS: 95-47-6

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9027.d

Injection Date: 24-Jun-2025 04:13:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-5

Lab Sample ID: 480-230498-5

Client ID: DUP-20250618

Operator ID: AG/LH

ALS Bottle#: 16

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 100.0000

Method: S-8260

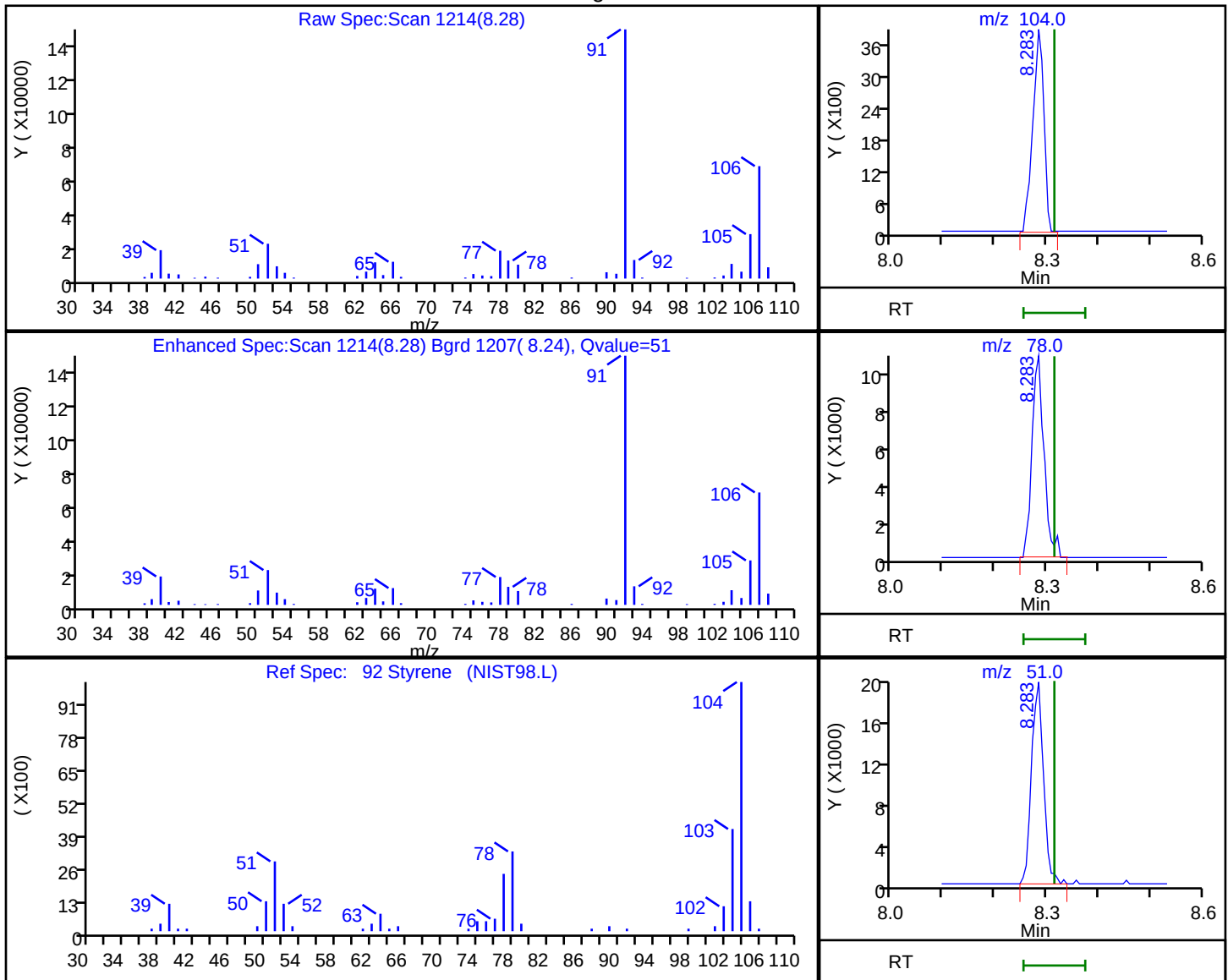
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

92 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.28	104.00	5741	0.250927
8.28	78.00	16597	
8.28	51.00	32098	

Reviewer: FGO5, 24-Jun-2025 10:37:40 -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: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>IW-6</u>	Lab Sample ID: <u>480-230498-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9028.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 11:17</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 04:37</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>200</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		200	160
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	42
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62
79-00-5	1,1,2-Trichloroethane	ND		200	46
75-34-3	1,1-Dichloroethane	ND		200	76
75-35-4	1,1-Dichloroethene	ND		200	58
120-82-1	1,2,4-Trichlorobenzene	ND		200	82
95-63-6	1,2,4-Trimethylbenzene	6000		200	150
96-12-8	1,2-Dibromo-3-Chloropropane	ND		200	78
106-93-4	1,2-Dibromoethane	ND		200	150
95-50-1	1,2-Dichlorobenzene	ND		200	160
107-06-2	1,2-Dichloroethane	ND		200	42
78-87-5	1,2-Dichloropropane	ND		200	140
108-67-8	1,3,5-Trimethylbenzene	2300		200	150
541-73-1	1,3-Dichlorobenzene	ND		200	160
106-46-7	1,4-Dichlorobenzene	ND		200	170
78-93-3	2-Butanone (MEK)	ND		2000	260
591-78-6	2-Hexanone	ND		1000	250
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1000	420
67-64-1	Acetone	ND		2000	600
71-43-2	Benzene	ND		200	82
75-27-4	Bromodichloromethane	ND		200	78
75-25-2	Bromoform	ND		200	52
74-83-9	Bromomethane	ND		200	140
75-15-0	Carbon disulfide	ND		200	38
56-23-5	Carbon tetrachloride	ND		200	54
108-90-7	Chlorobenzene	ND		200	150
75-00-3	Chloroethane	ND		200	64
67-66-3	Chloroform	ND		200	68
74-87-3	Chloromethane	ND		200	70
156-59-2	cis-1,2-Dichloroethene	ND		200	160
10061-01-5	cis-1,3-Dichloropropene	ND		200	72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>IW-6</u>	Lab Sample ID: <u>480-230498-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9028.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 11:17</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/24/2025 04:37</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>200</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		200	36
124-48-1	Dibromochloromethane	ND		200	64
75-71-8	Dichlorodifluoromethane	ND		200	140
100-41-4	Ethylbenzene	ND		200	150
98-82-8	Isopropylbenzene	500		200	160
79-20-9	Methyl acetate	ND		500	260
1634-04-4	Methyl tert-butyl ether	ND		200	32
108-87-2	Methylcyclohexane	ND		200	32
75-09-2	Methylene Chloride	150	J B	200	88
103-65-1	N-Propylbenzene	590		200	140
100-42-5	Styrene	ND		200	150
127-18-4	Tetrachloroethene	ND		200	72
108-88-3	Toluene	ND		200	100
156-60-5	trans-1,2-Dichloroethene	ND		200	180
10061-02-6	trans-1,3-Dichloropropene	ND		200	74
79-01-6	Trichloroethene	ND		200	92
75-69-4	Trichlorofluoromethane	ND		200	180
75-01-4	Vinyl chloride	ND		200	180
1330-20-7	Xylenes, Total	3700		400	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
1868-53-7	Dibromofluoromethane (Surr)	91		75-123
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d
 Lims ID: 480-230498-A-6
 Client ID: IW-6
 Sample Type: Client
 Inject. Date: 24-Jun-2025 04:37:30 ALS Bottle#: 17 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 200.0000
 Sample Info: 480-230498-A-6
 Misc. Info.: 480-0124139-017
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jun-2025 10:38:23 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:38:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	97	161956	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	301594	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	311990	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	54	202472	22.8	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	143683	26.0	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	85	756542	25.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.861	0.006	89	234523	22.4	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.099				ND	
13 Vinyl chloride	62		1.172				ND	
14 Bromomethane	94		1.409				ND	
15 Chloroethane	64		1.464				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.035				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.042				ND	
23 Acetone	43	2.145	2.151	-0.006	78	10562	2.81	
26 Carbon disulfide	76		2.218				ND	
27 Methyl acetate	43		2.425				ND	
30 Methylene Chloride	84	2.510	2.510	0.000	88	14758	0.7355	
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.118				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
52 Cyclohexane	56		4.049				ND	
51 1,1,1-Trichloroethane	97		4.055				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.221				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.732				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91	7.742	7.742	0.000	32	9333	0.2803	
90 m-Xylene & p-Xylene	106	7.870	7.864	0.006	97	41832	3.07	
91 o-Xylene	106	8.283	8.283	0.000	98	203887	15.4	
92 Styrene	104		8.314				ND	U
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105	8.673	8.667	0.006	91	73897	2.49	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91	9.111	9.111	0.000	97	107720	2.94	
102 1,3,5-Trimethylbenzene	105	9.311	9.311	0.000	94	307331	11.5	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	98	844674	30.1	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1				0		18.5	

QC Flag Legend

Processing Flags

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d

Injection Date: 24-Jun-2025 04:37:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: 480-230498-A-6

Lab Sample ID: 480-230498-6

Worklist Smp#: 17

Client ID: IW-6

Purge Vol: 5.000 mL

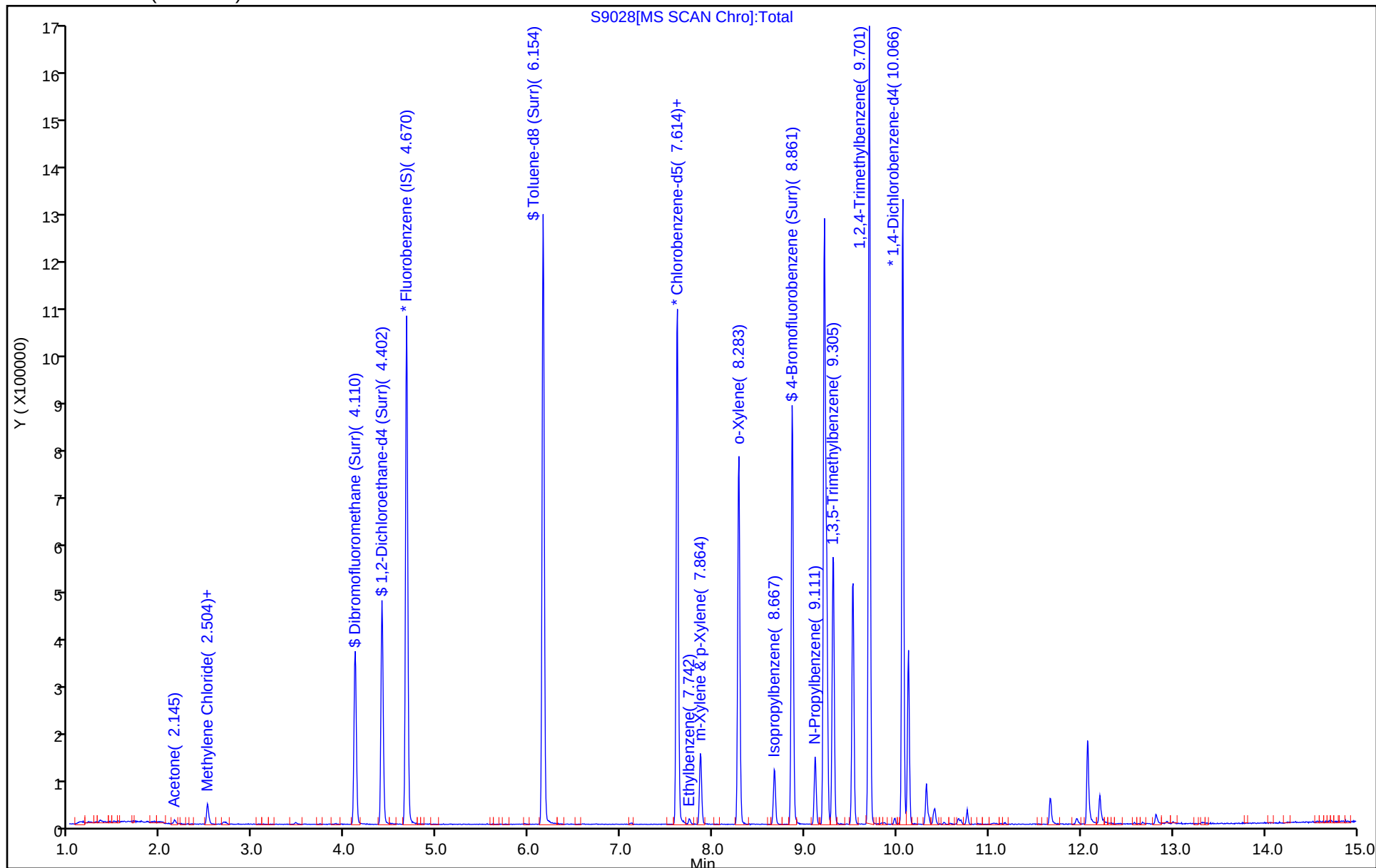
Dil. Factor: 200.0000

ALS Bottle#: 17

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d
Lims ID: 480-230498-A-6
Client ID: IW-6
Sample Type: Client
Inject. Date: 24-Jun-2025 04:37:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 200.0000
Sample Info: 480-230498-A-6
Misc. Info.: 480-0124139-017
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2025 10:38:23 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:38:23

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.8	91.38
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.0	103.99
\$ 5 Toluene-d8 (Surr)	25.0	25.2	100.78
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.4	89.42

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d

Injection Date: 24-Jun-2025 04:37:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-6

Lab Sample ID: 480-230498-6

Client ID: IW-6

Operator ID: AG/LH

ALS Bottle#: 17

Worklist Smp#: 17

Purge Vol: 5.000 mL

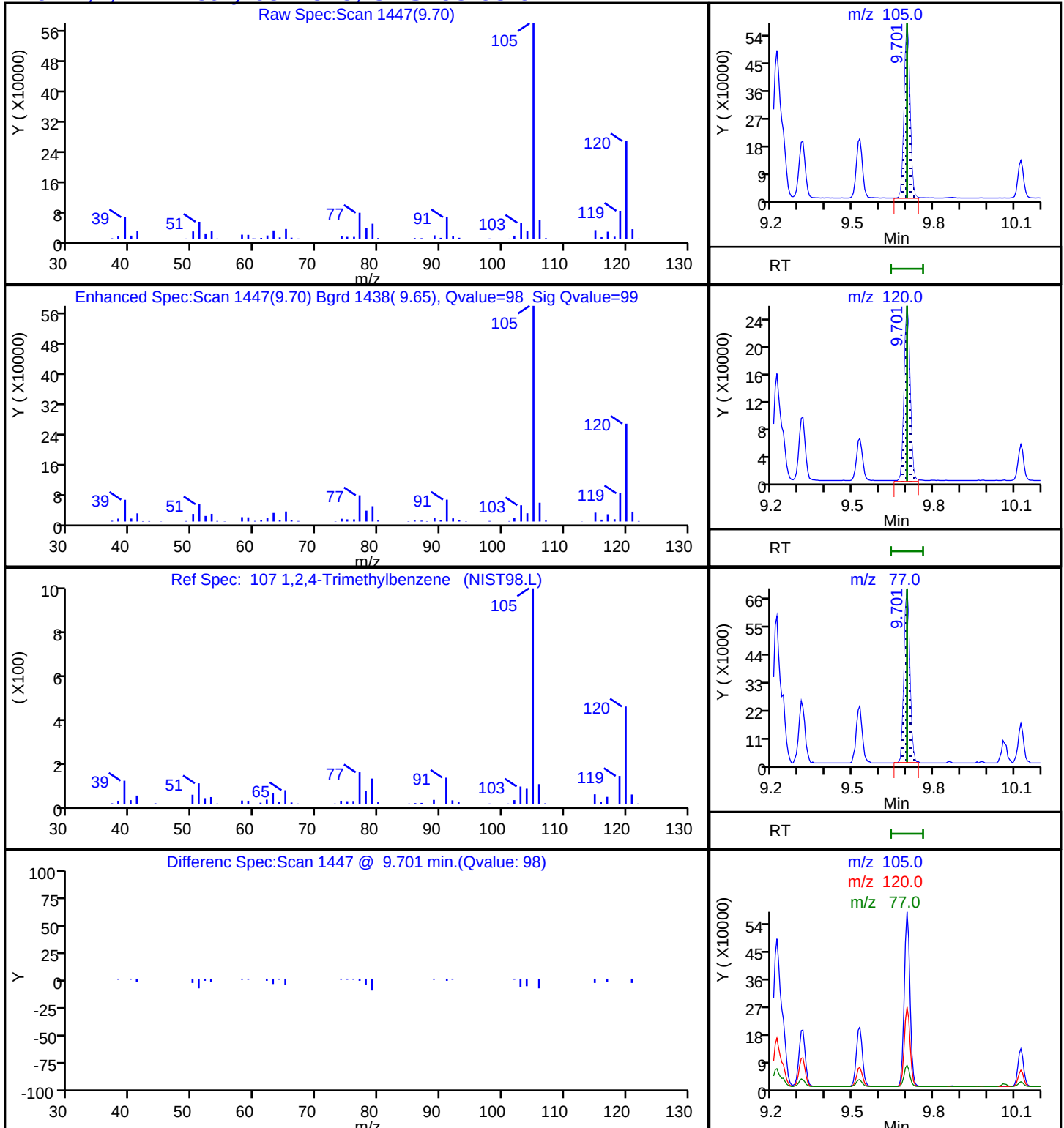
Dil. Factor: 200.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

107 1,2,4-Trimethylbenzene, CAS: 95-63-6

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d

Injection Date: 24-Jun-2025 04:37:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-6

Lab Sample ID: 480-230498-6

Client ID: IW-6

Operator ID: AG/LH

ALS Bottle#: 17

Worklist Smp#: 17

Purge Vol: 5.000 mL

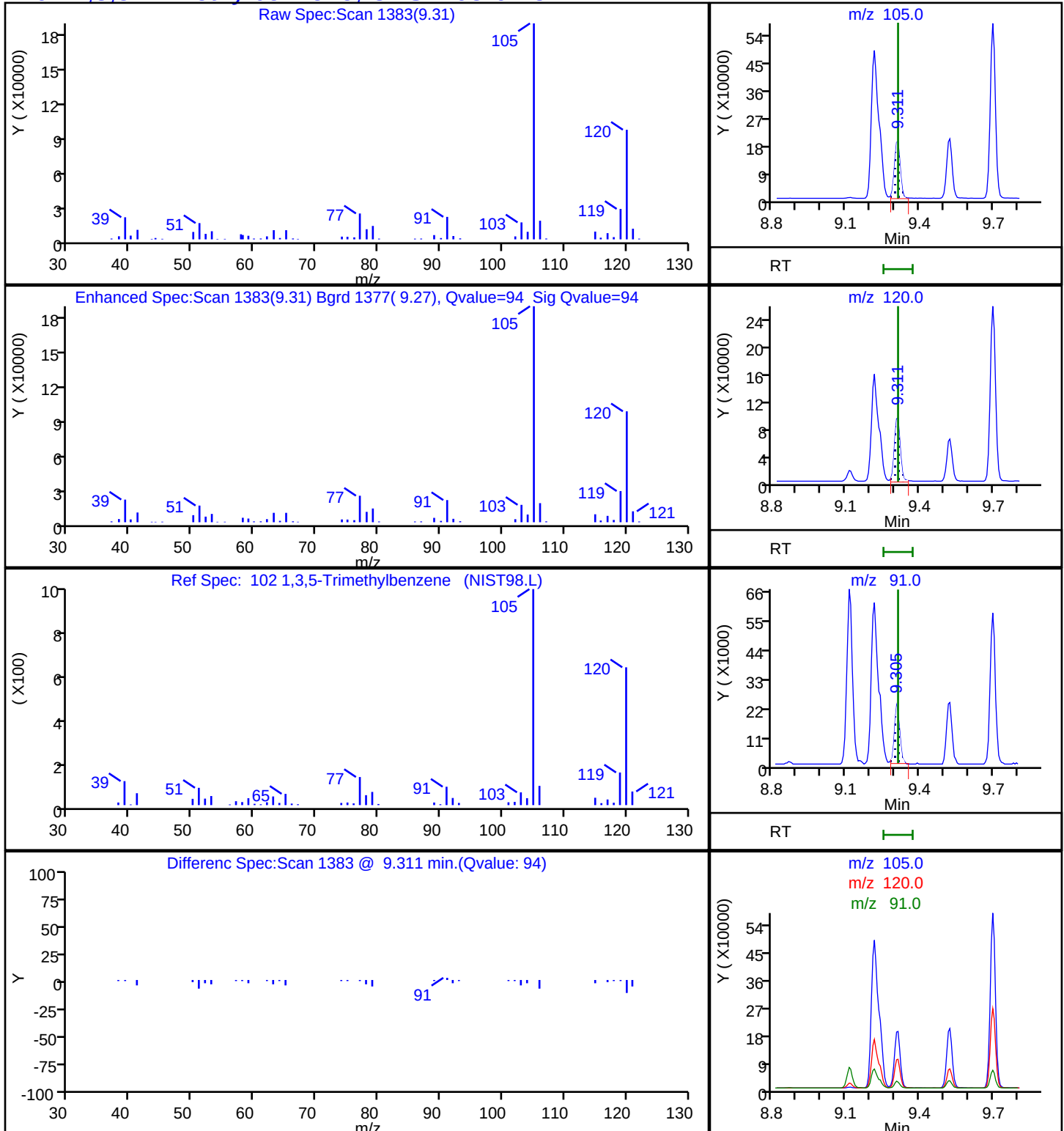
Dil. Factor: 200.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

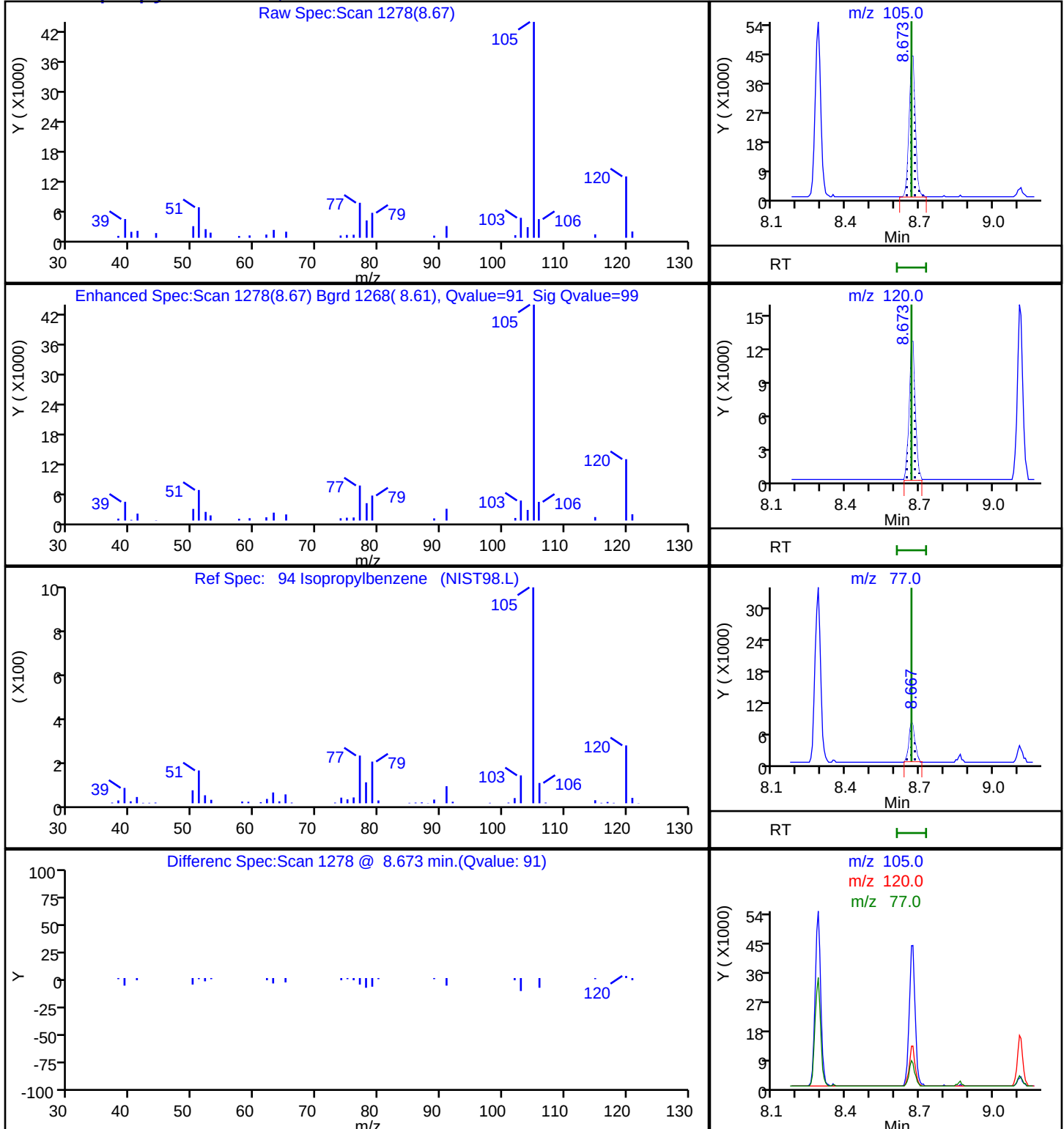
Column: ZB-624 (0.18 mm)

Detector: MS SCAN

102 1,3,5-Trimethylbenzene, CAS: 108-67-8

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d
Injection Date: 24-Jun-2025 04:37:30 Instrument ID: HP5973S
Lims ID: 480-230498-A-6 Lab Sample ID: 480-230498-6
Client ID: IW-6
Operator ID: AG/LH ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 200.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

94 Isopropylbenzene, CAS: 98-82-8

Detector MS SCAN

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d

Injection Date: 24-Jun-2025 04:37:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-6

Lab Sample ID: 480-230498-6

Client ID: IW-6

Operator ID: AG/LH

ALS Bottle#: 17

Worklist Smp#: 17

Purge Vol: 5.000 mL

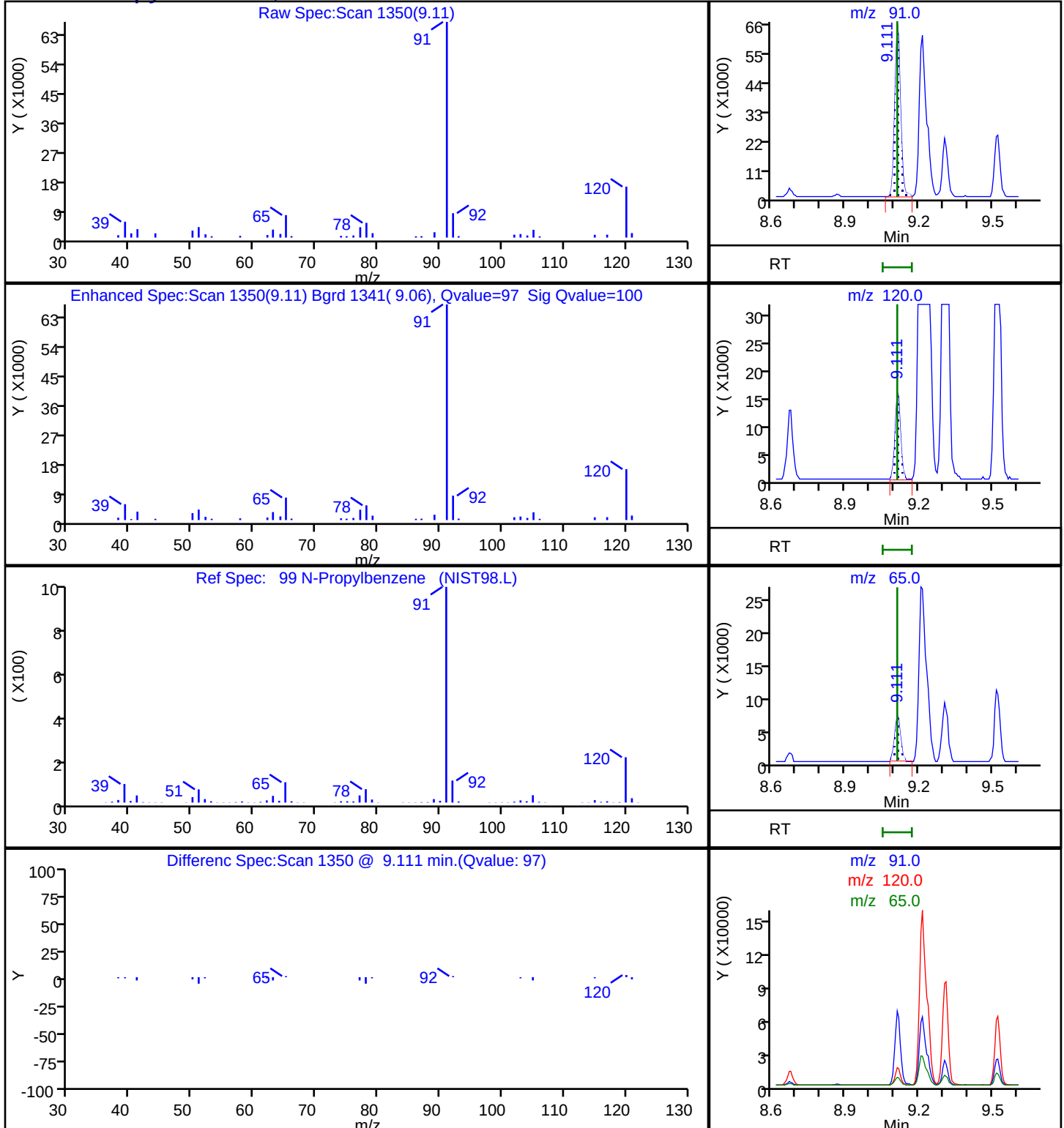
Dil. Factor: 200.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

99 N-Propylbenzene, CAS: 103-65-1

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d

Injection Date: 24-Jun-2025 04:37:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-6

Lab Sample ID: 480-230498-6

Client ID: IW-6

Operator ID: AG/LH

ALS Bottle#: 17

Worklist Smp#: 17

Purge Vol: 5.000 mL

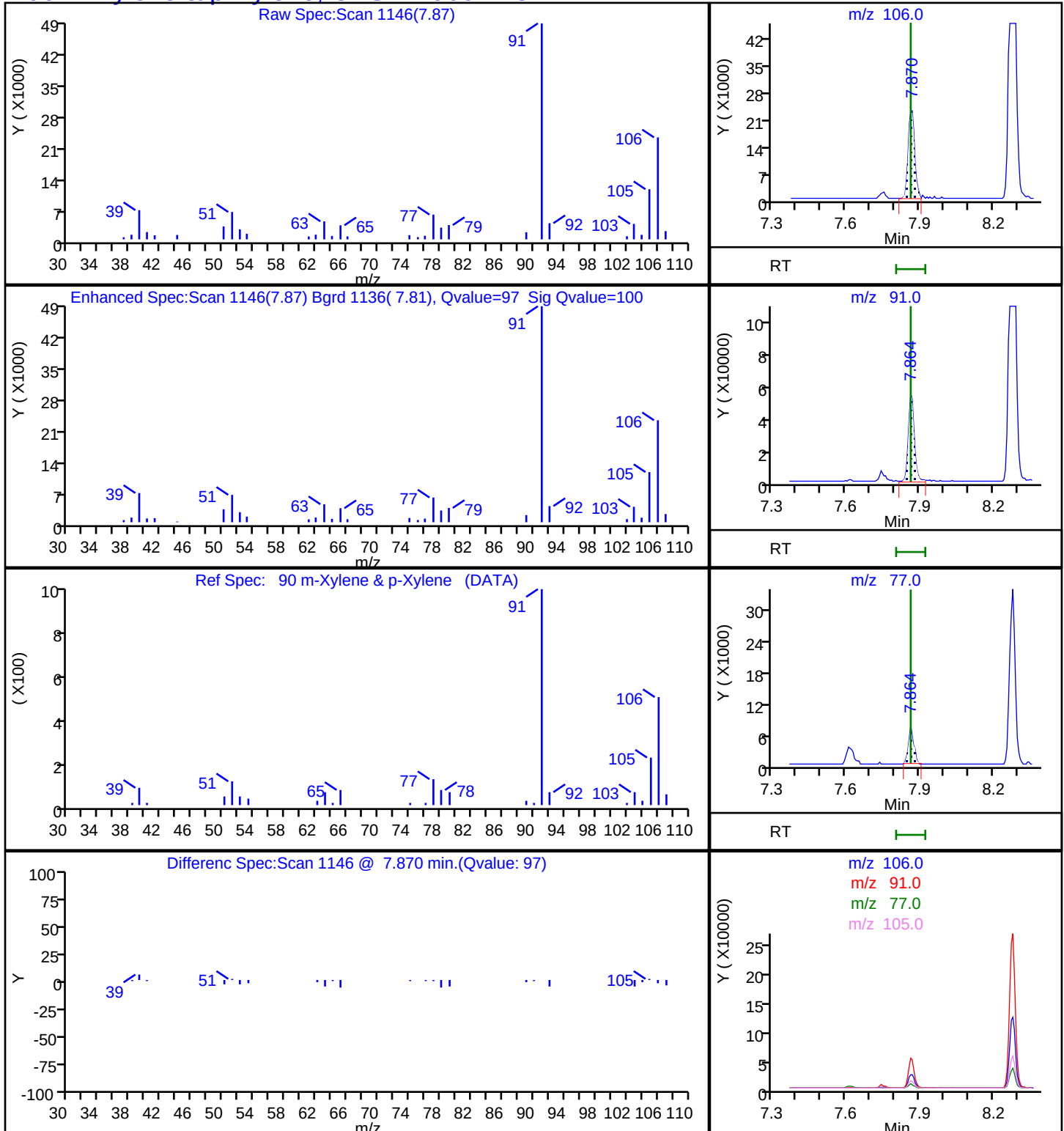
Dil. Factor: 200.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

90 m-Xylene & p-Xylene, CAS: 179601-23-1

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d

Injection Date: 24-Jun-2025 04:37:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-6

Lab Sample ID: 480-230498-6

Client ID: IW-6

Operator ID: AG/LH

ALS Bottle#: 17

Worklist Smp#: 17

Purge Vol: 5.000 mL

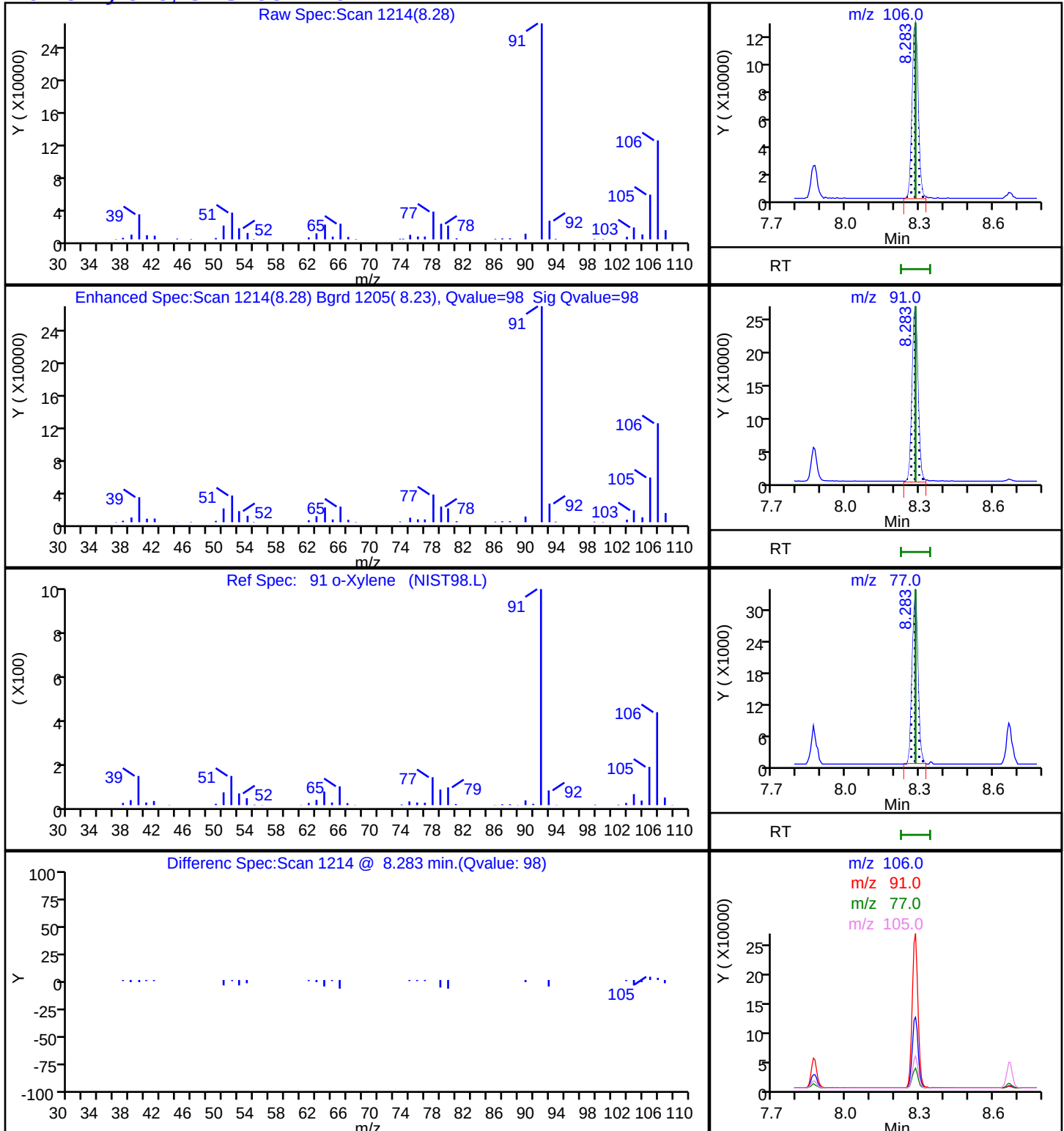
Dil. Factor: 200.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

91 o-Xylene, CAS: 95-47-6

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9028.d

Injection Date: 24-Jun-2025 04:37:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-6

Lab Sample ID: 480-230498-6

Client ID: IW-6

Operator ID: AG/LH

ALS Bottle#: 17

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 200.0000

Method: S-8260

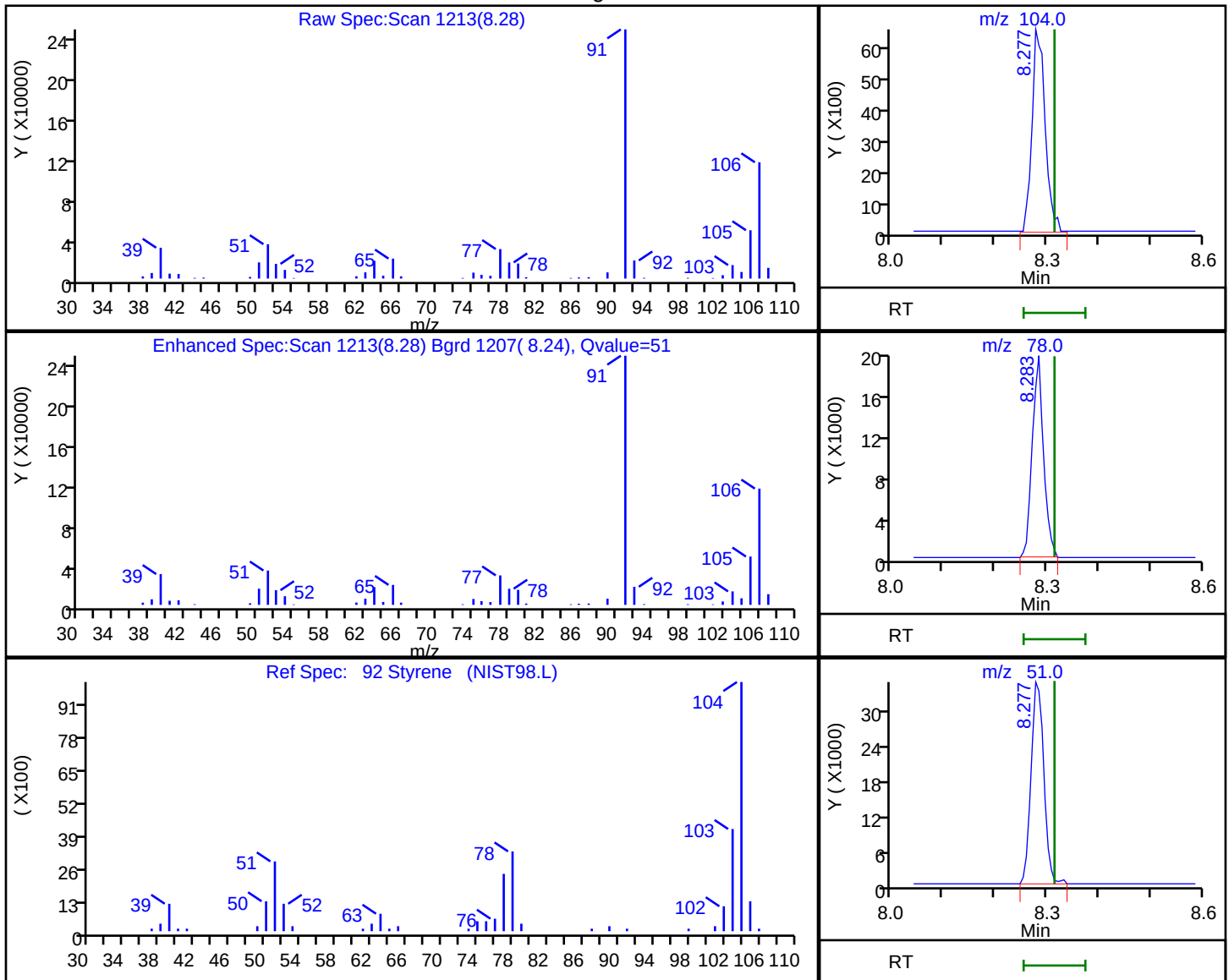
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

92 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.28	104.00	11501	0.529343
8.28	78.00	29193	
8.28	51.00	58799	

Reviewer: FGO5, 24-Jun-2025 10:38:12 -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: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>VRI-10</u>	Lab Sample ID: <u>480-230498-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9029.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 09:52</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 05:00</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>VRI-10</u>	Lab Sample ID: <u>480-230498-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9029.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 09:52</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 05:00</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	87		73-120
1868-53-7	Dibromofluoromethane (Surr)	90		75-123
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9029.d
 Lims ID: 480-230498-A-7
 Client ID: VRI-10
 Sample Type: Client
 Inject. Date: 24-Jun-2025 05:00:30 ALS Bottle#: 18 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-230498-A-7
 Misc. Info.: 480-0124139-018
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jun-2025 10:38:23 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:38:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	159305	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	88	301229	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	304063	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	58	195915	22.5	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	139772	25.7	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	85	771348	25.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	88	228487	21.8	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.099				ND	
13 Vinyl chloride	62		1.172				ND	
14 Bromomethane	94		1.409				ND	
15 Chloroethane	64		1.464				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.035				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.042				ND	
23 Acetone	43		2.151				ND	
26 Carbon disulfide	76		2.218				ND	7
27 Methyl acetate	43		2.425				ND	
30 Methylene Chloride	84		2.510				ND	
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.118				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
52 Cyclohexane	56		4.049				ND	
51 1,1,1-Trichloroethane	97		4.055				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.221				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.732				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91		7.742				ND	
90 m-Xylene & p-Xylene	106		7.864				ND	
91 o-Xylene	106		8.283				ND	
92 Styrene	104		8.314				ND	
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105		8.667				ND	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91		9.111				ND	
102 1,3,5-Trimethylbenzene	105		9.311				ND	
107 1,2,4-Trimethylbenzene	105		9.701				ND	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9029.d

Injection Date: 24-Jun-2025 05:00:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: 480-230498-A-7

Lab Sample ID: 480-230498-7

Worklist Smp#: 18

Client ID: VRI-10

Purge Vol: 5.000 mL

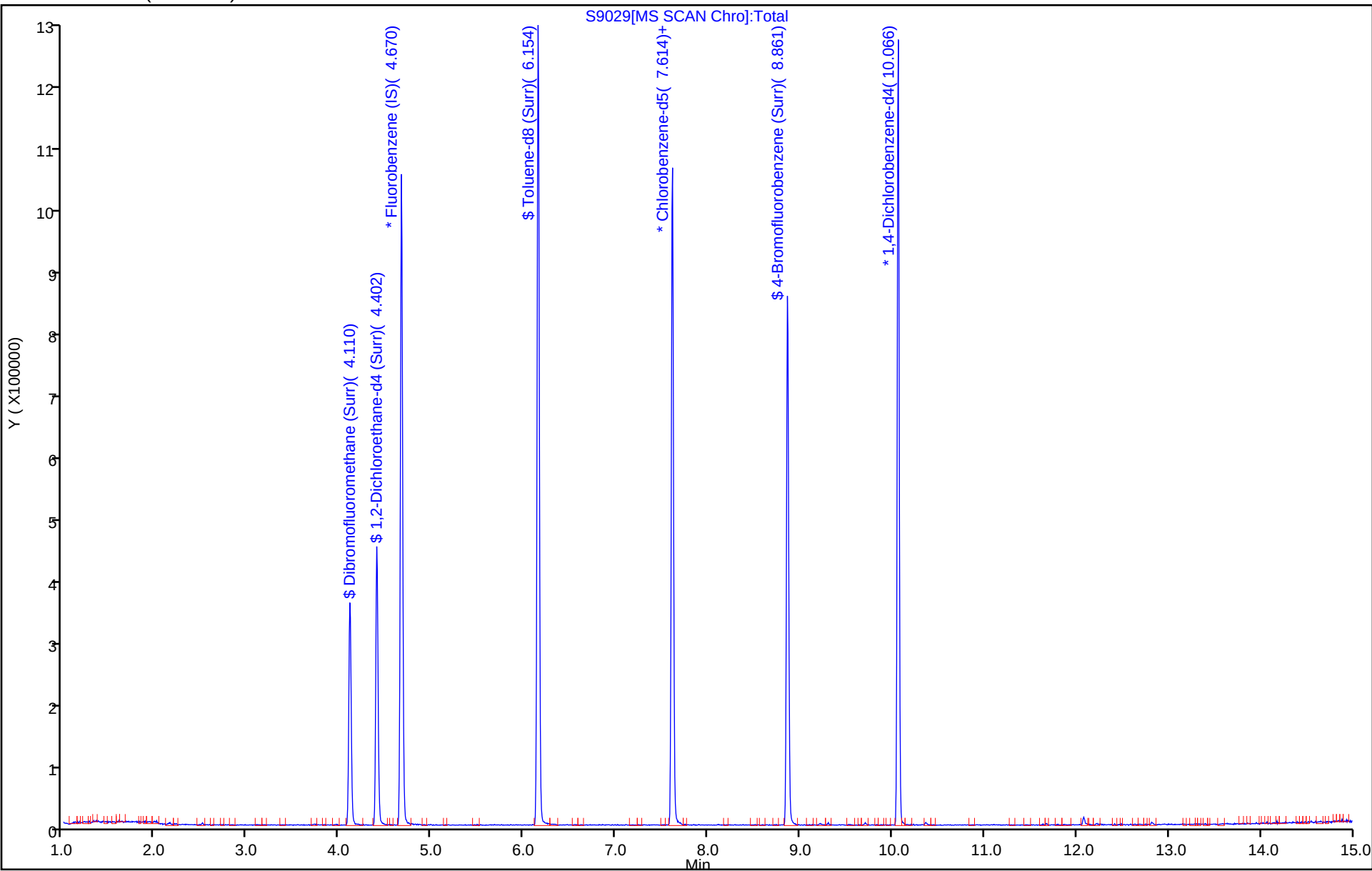
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9029.d
Lims ID: 480-230498-A-7
Client ID: VRI-10
Sample Type: Client
Inject. Date: 24-Jun-2025 05:00:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-230498-A-7
Misc. Info.: 480-0124139-018
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2025 10:38:23 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:38:40

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.5	89.89
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.7	102.85
\$ 5 Toluene-d8 (Surr)	25.0	25.7	102.88
\$ 6 4-Bromofluorobenzene (Surr)	25.0	21.8	87.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-16</u>	Lab Sample ID: <u>480-230498-8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8947.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 17:05</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 18:59</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	1.3		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-16</u>	Lab Sample ID: <u>480-230498-8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8947.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 17:05</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 18:59</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	4.6		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
1868-53-7	Dibromofluoromethane (Surr)	92		75-123
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8947.d
 Lims ID: 480-230498-A-8
 Client ID: GT-16
 Sample Type: Client
 Inject. Date: 20-Jun-2025 18:59:30 ALS Bottle#: 23 Worklist Smp#: 38
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-230498-A-8
 Misc. Info.: 480-0124106-038
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 23-Jun-2025 12:56:48 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:57:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	149147	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	86	289096	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	96	294636	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	57	187080	22.9	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	131134	25.8	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.149	0.000	85	712958	24.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.854	0.000	85	224896	22.4	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.099				ND	
13 Vinyl chloride	62		1.172				ND	
14 Bromomethane	94		1.403				ND	
15 Chloroethane	64		1.458				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.036				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.042				ND	
23 Acetone	43	2.151	2.145	0.006	77	6914	2.00	
26 Carbon disulfide	76		2.212				ND	
27 Methyl acetate	43		2.419				ND	
30 Methylene Chloride	84		2.504				ND	
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.112				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83	3.958	3.958	0.000	84	15989	1.27	
52 Cyclohexane	56		4.049				ND	
51 1,1,1-Trichloroethane	97		4.049				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95	5.004	5.004	0.000	86	34036	4.56	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.215				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.738				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91		7.742				ND	
90 m-Xylene & p-Xylene	106		7.864				ND	
91 o-Xylene	106		8.283				ND	
92 Styrene	104		8.314				ND	
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105		8.667				ND	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91		9.111				ND	
102 1,3,5-Trimethylbenzene	105		9.305				ND	
107 1,2,4-Trimethylbenzene	105		9.701				ND	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8947.d

Injection Date: 20-Jun-2025 18:59:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: 480-230498-A-8

Lab Sample ID: 480-230498-8

Worklist Smp#: 38

Client ID: GT-16

Purge Vol: 5.000 mL

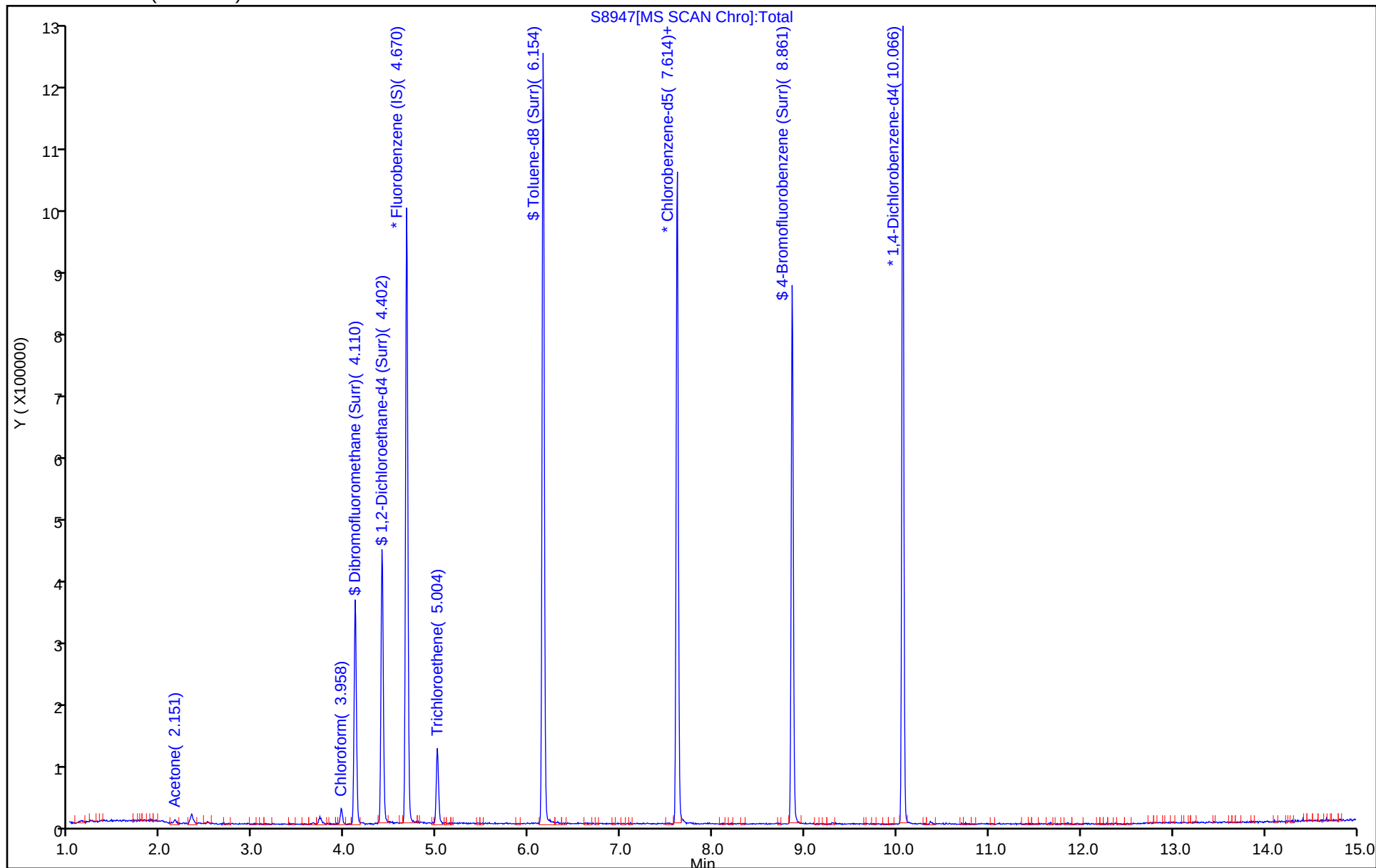
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8947.d
Lims ID: 480-230498-A-8
Client ID: GT-16
Sample Type: Client
Inject. Date: 20-Jun-2025 18:59:30 ALS Bottle#: 23 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-230498-A-8
Misc. Info.: 480-0124106-038
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2025 12:56:48 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:57:04

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.9	91.69
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.8	103.06
\$ 5 Toluene-d8 (Surr)	25.0	24.8	99.08
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.4	89.46

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8947.d

Injection Date: 20-Jun-2025 18:59:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-8

Lab Sample ID: 480-230498-8

Client ID: GT-16

Operator ID: AG

ALS Bottle#: 23

Worklist Smp#: 38

Purge Vol: 5.000 mL

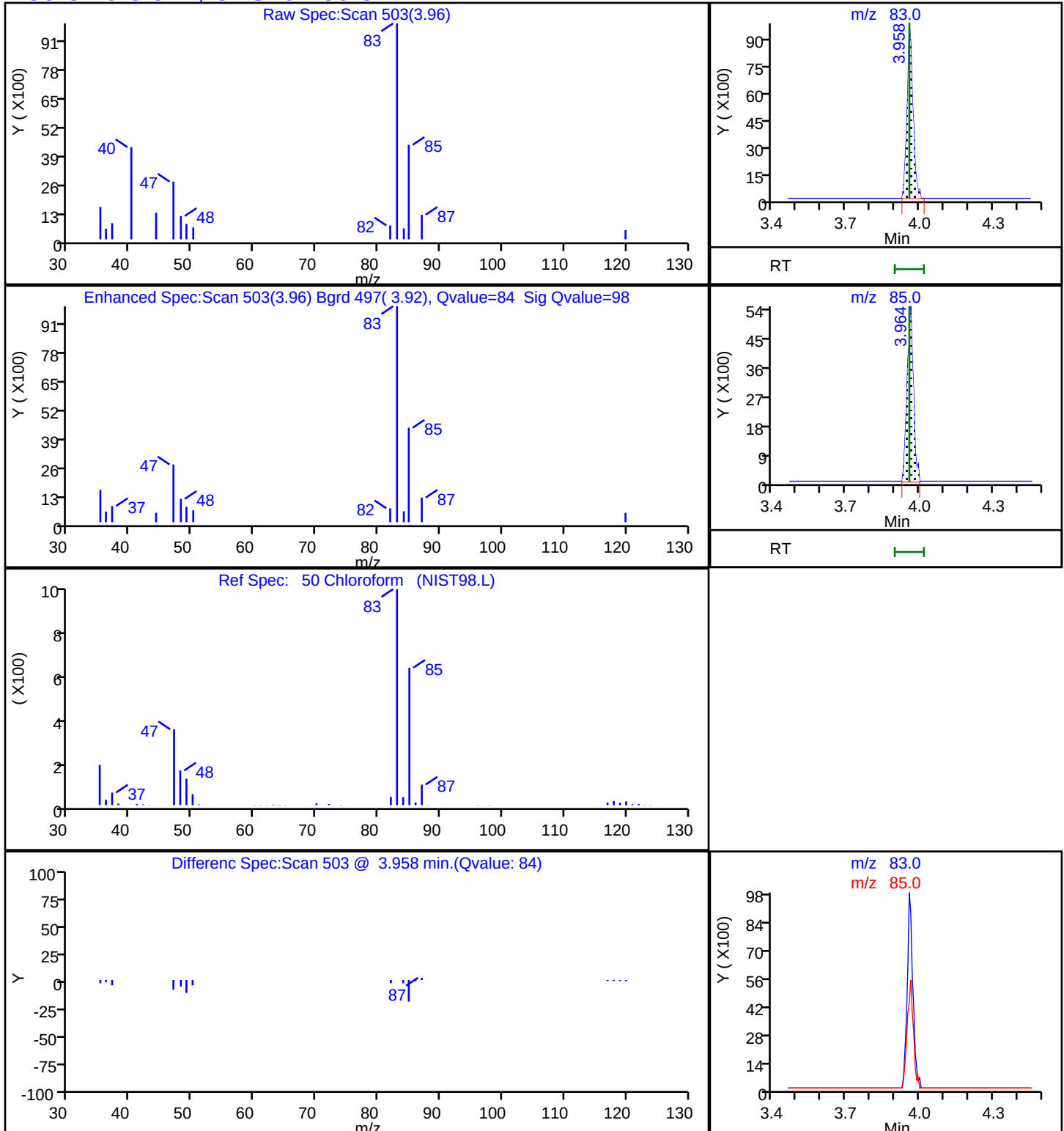
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

50 Chloroform, CAS: 67-66-3

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8947.d

Injection Date: 20-Jun-2025 18:59:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-8

Lab Sample ID: 480-230498-8

Client ID: GT-16

Operator ID: AG

ALS Bottle#: 23

Worklist Smp#: 38

Purge Vol: 5.000 mL

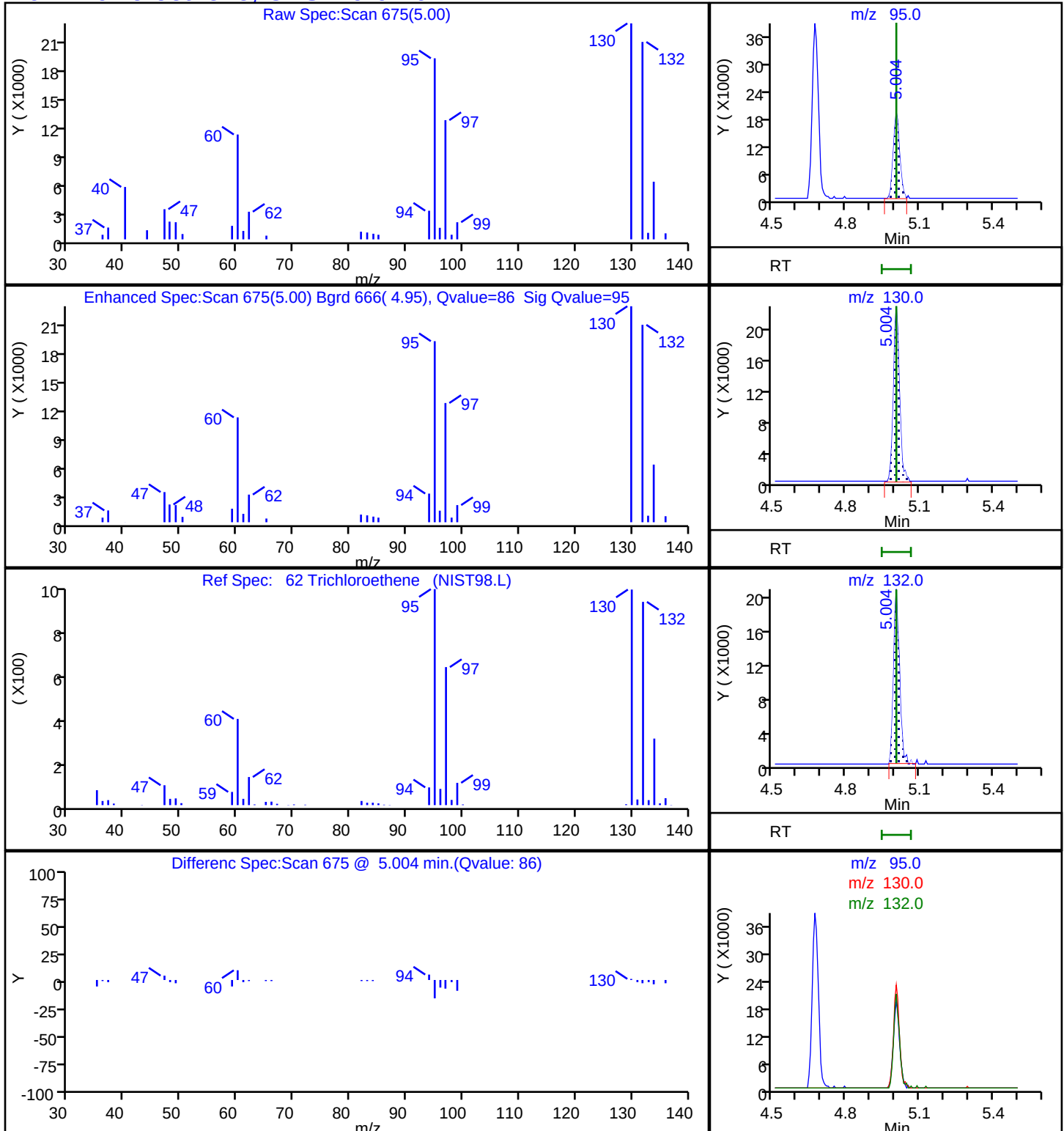
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-9R</u>	Lab Sample ID: <u>480-230498-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8948.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 11:01</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 19:22</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	0.43	J	1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-9R</u>	Lab Sample ID: <u>480-230498-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8948.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 11:01</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 19:22</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
1868-53-7	Dibromofluoromethane (Surr)	90		75-123
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8948.d
 Lims ID: 480-230498-A-9
 Client ID: GT-9R
 Sample Type: Client
 Inject. Date: 20-Jun-2025 19:22:30 ALS Bottle#: 24 Worklist Smp#: 39
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-230498-A-9
 Misc. Info.: 480-0124106-039
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 23-Jun-2025 12:56:48 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:57:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	150265	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	287196	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	295395	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	55	185848	22.6	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	98	133127	26.0	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.149	0.000	85	714849	25.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.854	0.000	88	223137	22.3	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.099				ND	
13 Vinyl chloride	62		1.172				ND	
14 Bromomethane	94		1.403				ND	
15 Chloroethane	64		1.458				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.036				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.042				ND	
23 Acetone	43	2.151	2.145	0.006	67	6720	1.92	
26 Carbon disulfide	76		2.212				ND	
27 Methyl acetate	43		2.419				ND	
30 Methylene Chloride	84		2.504				ND	
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.112				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83	3.970	3.958	0.012	37	5435	0.4277	
52 Cyclohexane	56		4.049				ND	
51 1,1,1-Trichloroethane	97		4.049				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.215				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.738				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91		7.742				ND	
90 m-Xylene & p-Xylene	106		7.864				ND	
91 o-Xylene	106		8.283				ND	
92 Styrene	104		8.314				ND	
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105		8.667				ND	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91		9.111				ND	
102 1,3,5-Trimethylbenzene	105		9.305				ND	
107 1,2,4-Trimethylbenzene	105		9.701				ND	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8948.d

Injection Date: 20-Jun-2025 19:22:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: 480-230498-A-9

Lab Sample ID: 480-230498-9

Worklist Smp#: 39

Client ID: GT-9R

Purge Vol: 5.000 mL

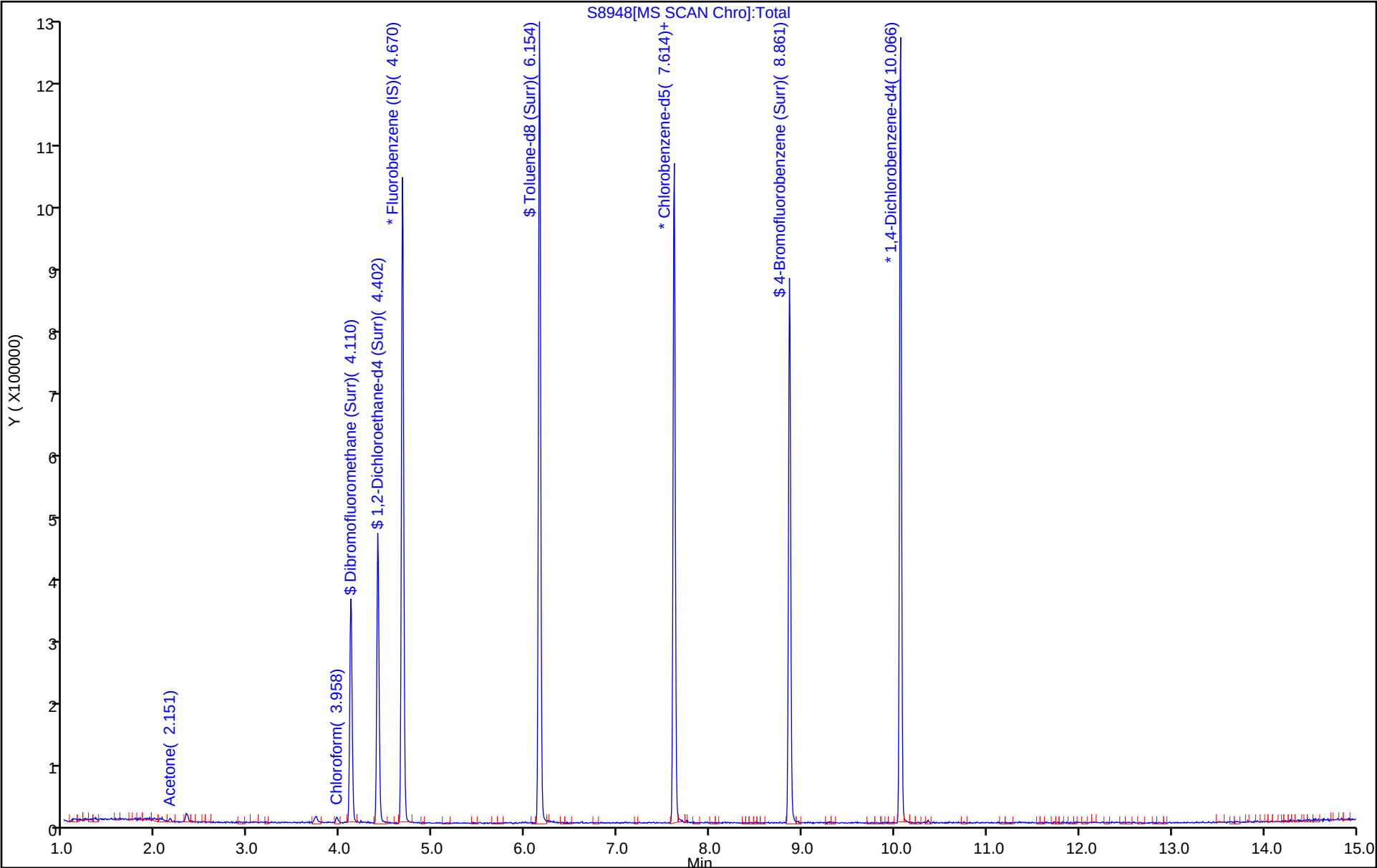
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8948.d
Lims ID: 480-230498-A-9
Client ID: GT-9R
Sample Type: Client
Inject. Date: 20-Jun-2025 19:22:30 ALS Bottle#: 24 Worklist Smp#: 39
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-230498-A-9
Misc. Info.: 480-0124106-039
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2025 12:56:48 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:57:20

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.6	90.41
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.0	103.85
\$ 5 Toluene-d8 (Surr)	25.0	25.0	100.00
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.3	89.35

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8948.d

Injection Date: 20-Jun-2025 19:22:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-9

Lab Sample ID: 480-230498-9

Client ID: GT-9R

Operator ID: AG

ALS Bottle#: 24

Worklist Smp#: 39

Purge Vol: 5.000 mL

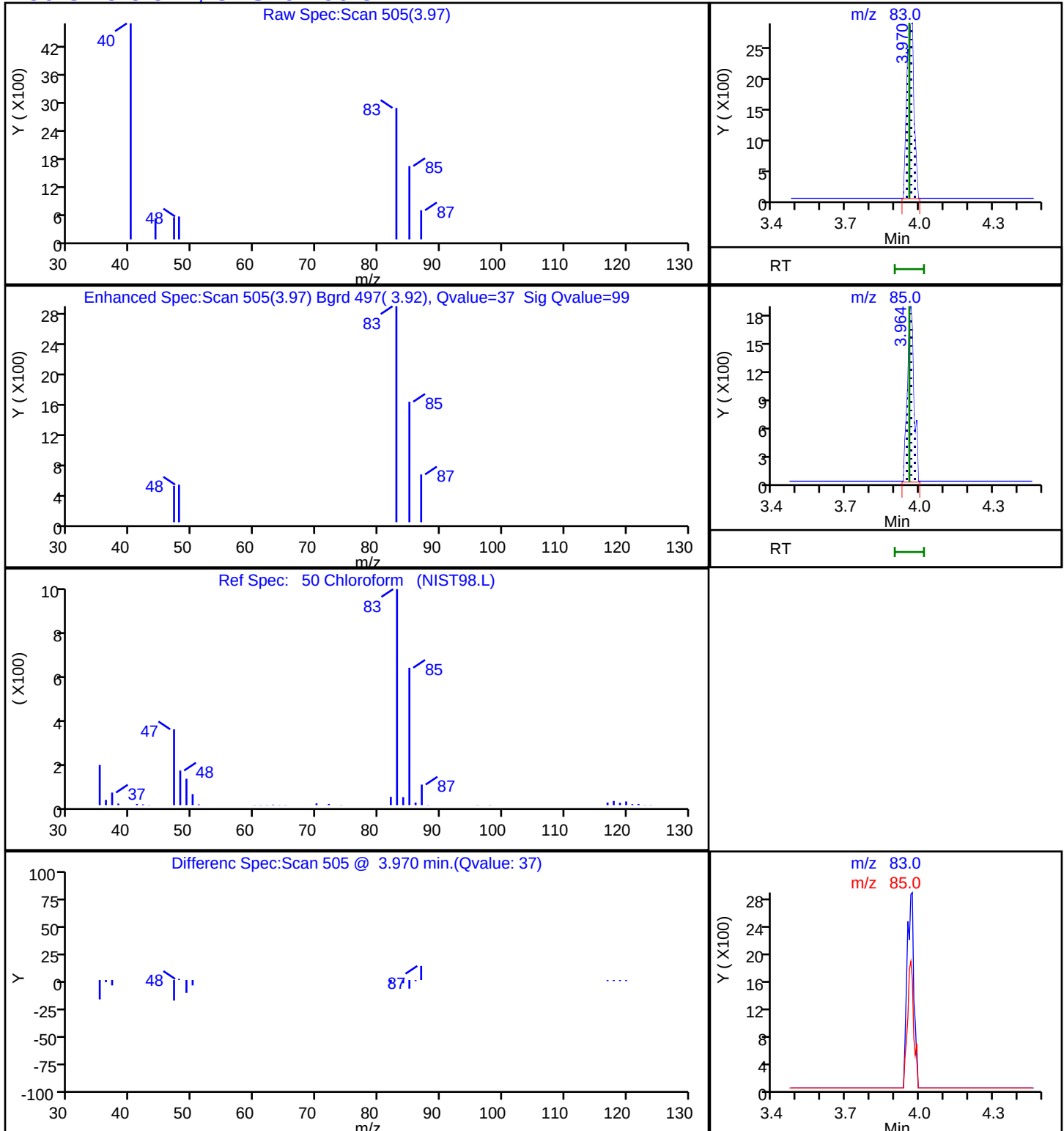
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

50 Chloroform, CAS: 67-66-3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>VRI-3</u>	Lab Sample ID: <u>480-230498-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8949.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 13:41</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 19:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>VRI-3</u>	Lab Sample ID: <u>480-230498-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8949.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 13:41</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 19:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	90		73-120
1868-53-7	Dibromofluoromethane (Surr)	91		75-123
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8949.d
 Lims ID: 480-230498-A-10
 Client ID: VRI-3
 Sample Type: Client
 Inject. Date: 20-Jun-2025 19:45:30 ALS Bottle#: 25 Worklist Smp#: 40
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-230498-A-10
 Misc. Info.: 480-0124106-040
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 23-Jun-2025 12:56:48 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:57:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	149453	25.0	
* 2 Chlorobenzene-d5	82	7.608	7.614	-0.006	90	285055	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	293132	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	55	186471	22.8	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	92	133488	26.2	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.149	0.000	85	726777	25.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.854	0.000	87	222345	22.4	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.099				ND	
13 Vinyl chloride	62		1.172				ND	
14 Bromomethane	94		1.403				ND	
15 Chloroethane	64		1.458				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.036				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.042				ND	
23 Acetone	43		2.145				ND	
26 Carbon disulfide	76		2.212				ND	
27 Methyl acetate	43		2.419				ND	
30 Methylene Chloride	84		2.504				ND	
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.112				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
52 Cyclohexane	56		4.049				ND	
51 1,1,1-Trichloroethane	97		4.049				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.215				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.738				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91		7.742				ND	
90 m-Xylene & p-Xylene	106		7.864				ND	
91 o-Xylene	106		8.283				ND	
92 Styrene	104		8.314				ND	
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105	8.673	8.667	0.006	21	6274	0.2251	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91		9.111				ND	
102 1,3,5-Trimethylbenzene	105		9.305				ND	
107 1,2,4-Trimethylbenzene	105		9.701				ND	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8949.d

Injection Date: 20-Jun-2025 19:45:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: 480-230498-A-10

Lab Sample ID: 480-230498-10

Worklist Smp#: 40

Client ID: VRI-3

Purge Vol: 5.000 mL

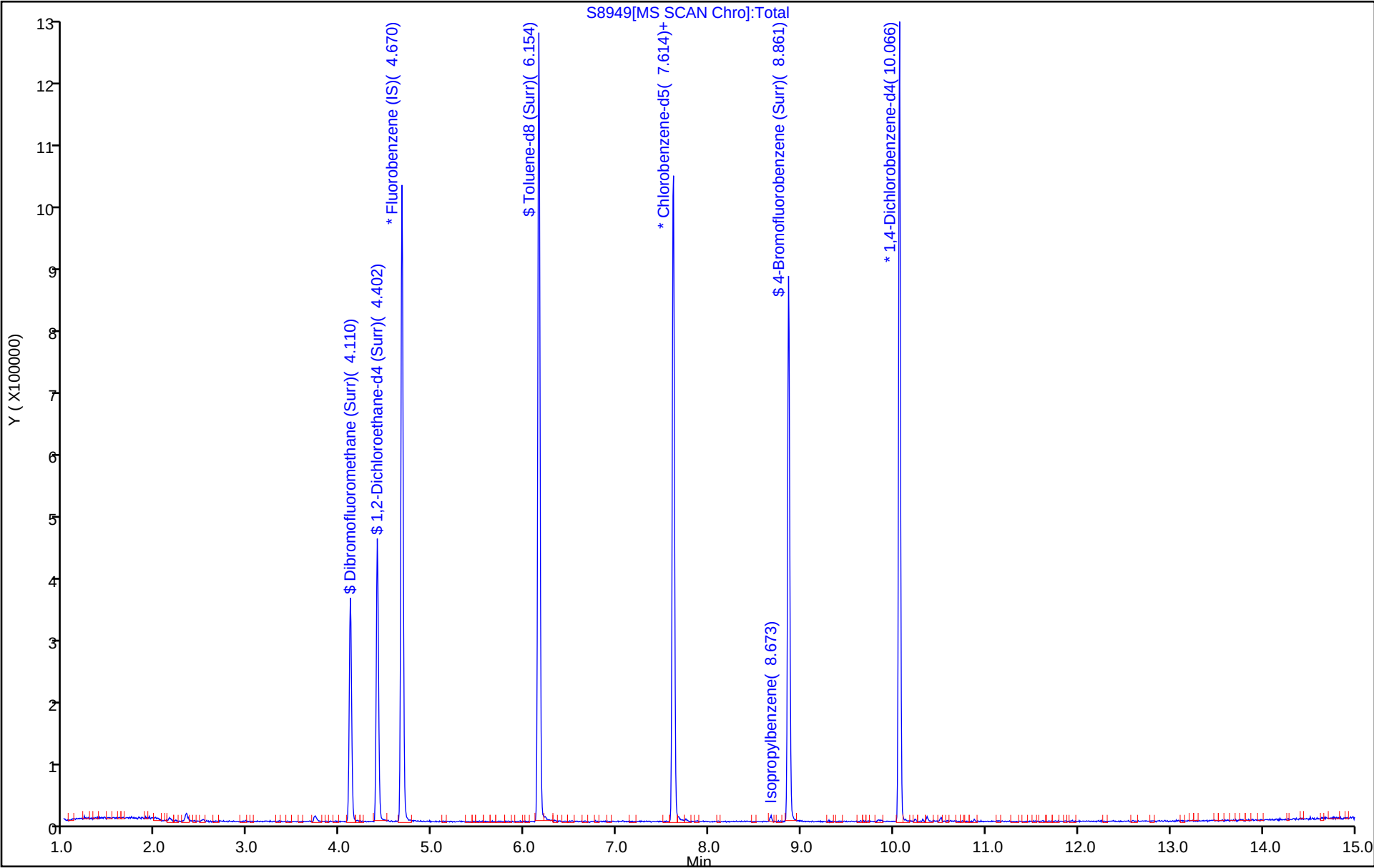
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8949.d
Lims ID: 480-230498-A-10
Client ID: VRI-3
Sample Type: Client
Inject. Date: 20-Jun-2025 19:45:30 ALS Bottle#: 25 Worklist Smp#: 40
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-230498-A-10
Misc. Info.: 480-0124106-040
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2025 12:56:48 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:57:38

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.8	91.20
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.2	104.70
\$ 5 Toluene-d8 (Surr)	25.0	25.6	102.44
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.4	89.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>VRI-4</u>	Lab Sample ID: <u>480-230498-11</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8950.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 12:31</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 20:08</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>VRI-4</u>	Lab Sample ID: <u>480-230498-11</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8950.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/17/2025 12:31</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 20:08</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	88		73-120
1868-53-7	Dibromofluoromethane (Surr)	89		75-123
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8950.d
 Lims ID: 480-230498-A-11
 Client ID: VRI-4
 Sample Type: Client
 Inject. Date: 20-Jun-2025 20:08:30 ALS Bottle#: 26 Worklist Smp#: 41
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-230498-A-11
 Misc. Info.: 480-0124106-041
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 23-Jun-2025 12:57:57 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:57:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	151809	25.0	
* 2 Chlorobenzene-d5	82	7.608	7.614	-0.006	89	294033	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	297685	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	57	184632	22.2	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	92	132015	25.5	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.149	0.000	85	734642	25.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.854	0.006	92	223856	21.9	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.099				ND	
13 Vinyl chloride	62		1.172				ND	
14 Bromomethane	94		1.403				ND	
15 Chloroethane	64		1.458				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.036				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.042				ND	
23 Acetone	43	2.151	2.145	0.006	91	9192	2.61	
26 Carbon disulfide	76		2.212				ND	
27 Methyl acetate	43		2.419				ND	
30 Methylene Chloride	84		2.504				ND	
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.112				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
52 Cyclohexane	56		4.049				ND	
51 1,1,1-Trichloroethane	97		4.049				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	U
74 Toluene	92		6.215				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.738				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91		7.742				ND	
90 m-Xylene & p-Xylene	106		7.864				ND	
91 o-Xylene	106		8.283				ND	
92 Styrene	104		8.314				ND	
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105		8.667				ND	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91		9.111				ND	
102 1,3,5-Trimethylbenzene	105		9.305				ND	
107 1,2,4-Trimethylbenzene	105		9.701				ND	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8950.d

Injection Date: 20-Jun-2025 20:08:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: 480-230498-A-11

Lab Sample ID: 480-230498-11

Worklist Smp#: 41

Client ID: VRI-4

Purge Vol: 5.000 mL

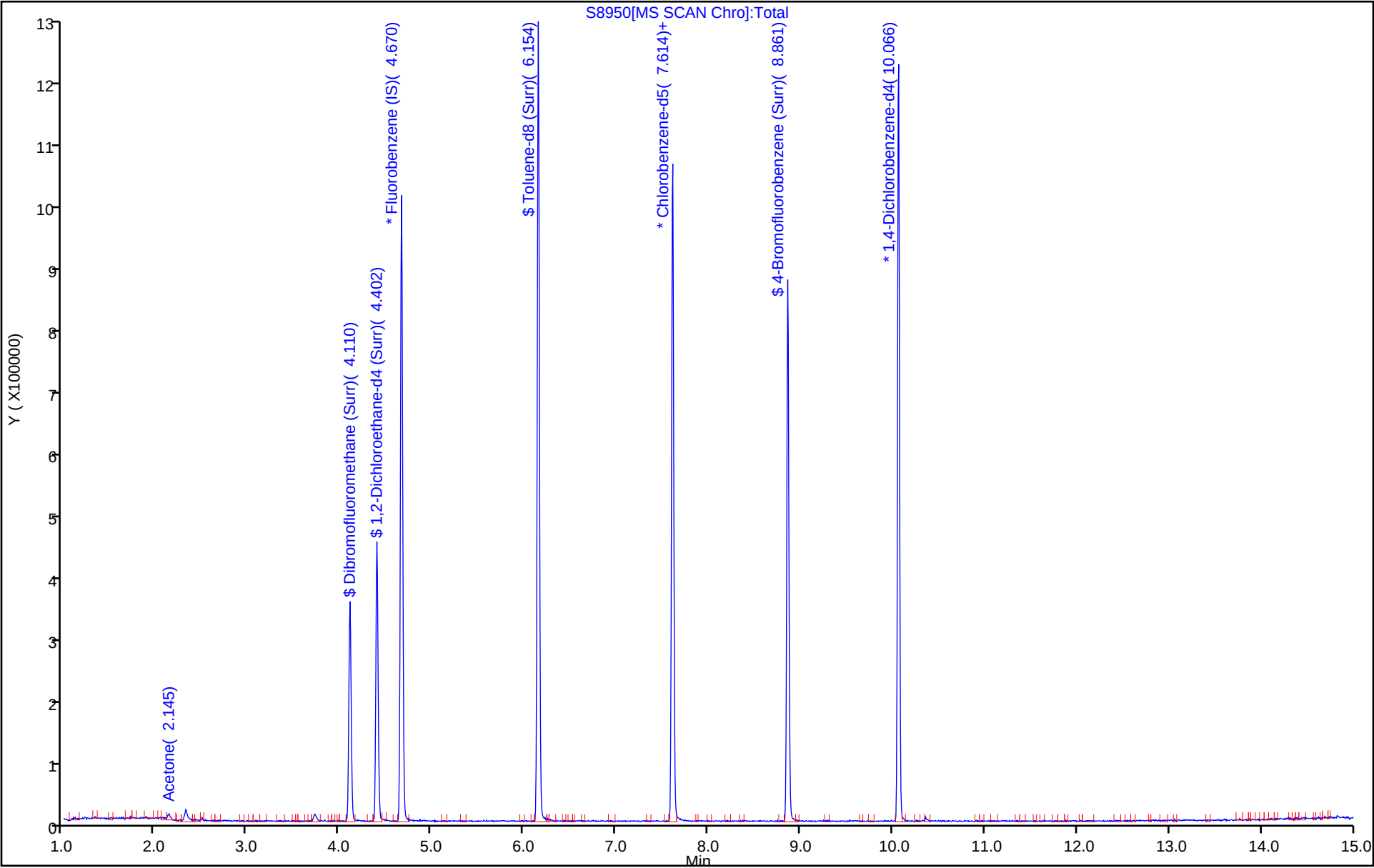
Dil. Factor: 1.0000

ALS Bottle#: 26

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8950.d
Lims ID: 480-230498-A-11
Client ID: VRI-4
Sample Type: Client
Inject. Date: 20-Jun-2025 20:08:30 ALS Bottle#: 26 Worklist Smp#: 41
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-230498-A-11
Misc. Info.: 480-0124106-041
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2025 12:57:57 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 12:57:57

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.2	88.90
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.5	101.93
\$ 5 Toluene-d8 (Surr)	25.0	25.1	100.38
\$ 6 4-Bromofluorobenzene (Surr)	25.0	21.9	87.55

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8950.d

Injection Date: 20-Jun-2025 20:08:30

Instrument ID: HP5973S

Lims ID: 480-230498-A-11

Lab Sample ID: 480-230498-11

Client ID: VRI-4

Operator ID: AG

ALS Bottle#:

26

Worklist Smp#: 41

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

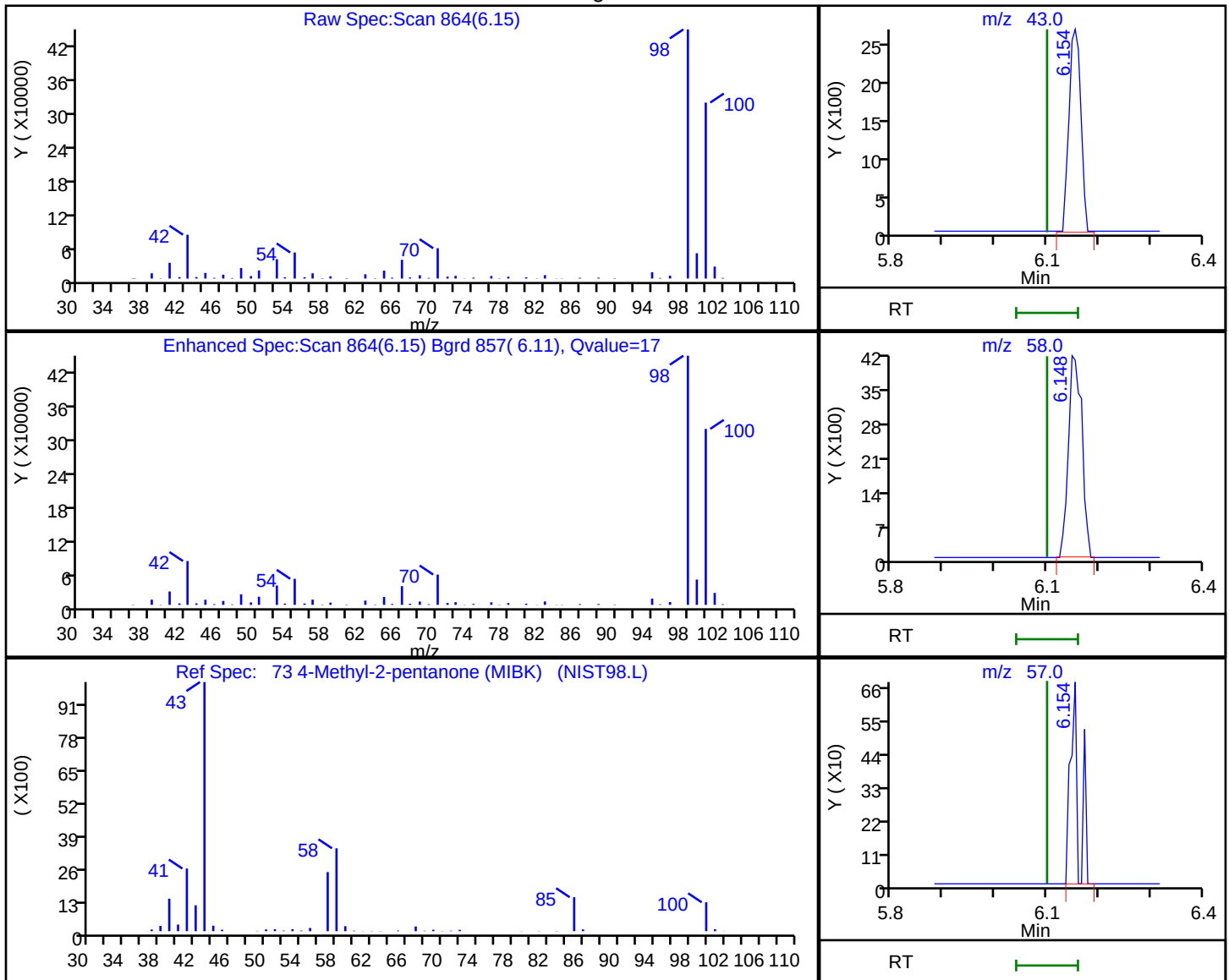
Column: ZB-624 (0.18 mm)

Detector

MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.15	43.00	4222	0.411826
6.15	58.00	7514	
6.15	57.00	736	

Reviewer: FGO5, 23-Jun-2025 12:57:49 -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 Buffalo Job No.: 480-230498-1

SDG No.: _____

Client Sample ID: TRIP BLANK-20250616 Lab Sample ID: 480-230498-12

Matrix: Water Lab File ID: S8977.d

Analysis Method: 8260C Date Collected: 06/16/2025 00:00

Sample wt/vol: 5(mL) Date Analyzed: 06/21/2025 06:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

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

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

Analysis Batch No.: 749533 Units: ug/L

Preparation Batch No.: _____ Instrument ID: HP5973S

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>TRIP BLANK-20250616</u>	Lab Sample ID: <u>480-230498-12</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8977.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/16/2025 00:00</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/21/2025 06:35</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749533</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND	*+	1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	87		73-120
1868-53-7	Dibromofluoromethane (Surr)	89		75-123
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8977.d
 Lims ID: 480-230498-A-12
 Client ID: TRIP BLANK-20250616
 Sample Type: Client
 Inject. Date: 21-Jun-2025 06:35:30 ALS Bottle#: 25 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-230498-A-12
 Misc. Info.: 480-0124110-025
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 23-Jun-2025 13:20:40 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 13:23:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	154842	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	89	293996	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	295885	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	53	188675	22.3	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	92	138005	26.1	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	85	731023	25.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.861	0.006	90	223636	21.9	
10 Dichlorodifluoromethane	85		0.965				ND	
12 Chloromethane	50		1.093				ND	
13 Vinyl chloride	62		1.166				ND	
14 Bromomethane	94		1.403				ND	
15 Chloroethane	64		1.458				ND	
17 Trichlorofluoromethane	101		1.640				ND	
22 1,1-Dichloroethene	96		2.036				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.042				ND	
23 Acetone	43		2.151				ND	
26 Carbon disulfide	76		2.212				ND	
27 Methyl acetate	43		2.419				ND	
30 Methylene Chloride	84		2.504				ND	7
32 Methyl tert-butyl ether	73		2.705				ND	
34 trans-1,2-Dichloroethene	96		2.717				ND	
39 1,1-Dichloroethane	63		3.112				ND	
45 cis-1,2-Dichloroethene	96		3.648				ND	
43 2-Butanone (MEK)	43		3.690				ND	
50 Chloroform	83		3.958				ND	
51 1,1,1-Trichloroethane	97		4.049				ND	
52 Cyclohexane	56		4.049				ND	
55 Carbon tetrachloride	117		4.183				ND	
57 Benzene	78		4.396				ND	
58 1,2-Dichloroethane	62		4.475				ND	
62 Trichloroethene	95		5.004				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.108				ND	
65 1,2-Dichloropropane	63		5.235				ND	
68 Dichlorobromomethane	83		5.534				ND	
72 cis-1,3-Dichloropropene	75		5.947				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099				ND	
74 Toluene	92		6.215				ND	
77 trans-1,3-Dichloropropene	75		6.513				ND	
79 1,1,2-Trichloroethane	83		6.696				ND	
81 Tetrachloroethene	166		6.732				ND	
80 2-Hexanone	43		6.933				ND	
83 Chlorodibromomethane	129		7.079				ND	
84 Ethylene Dibromide	107		7.164				ND	
87 Chlorobenzene	112		7.638				ND	
88 Ethylbenzene	91		7.742				ND	
90 m-Xylene & p-Xylene	106		7.864				ND	
91 o-Xylene	106		8.283				ND	
92 Styrene	104		8.314				ND	
95 Bromoform	173		8.551				ND	
94 Isopropylbenzene	105		8.667				ND	
97 1,1,2,2-Tetrachloroethane	83		9.105				ND	
99 N-Propylbenzene	91		9.111				ND	
102 1,3,5-Trimethylbenzene	105		9.305				ND	
107 1,2,4-Trimethylbenzene	105		9.701				ND	
111 1,3-Dichlorobenzene	146		9.993				ND	
113 1,4-Dichlorobenzene	146		10.090				ND	
116 1,2-Dichlorobenzene	146		10.449				ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210				ND	
119 1,2,4-Trichlorobenzene	180		11.891				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8977.d

Injection Date: 21-Jun-2025 06:35:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: 480-230498-A-12

Lab Sample ID: 480-230498-12

Worklist Smp#: 25

Client ID: TRIP BLANK-20250616

Purge Vol: 5.000 mL

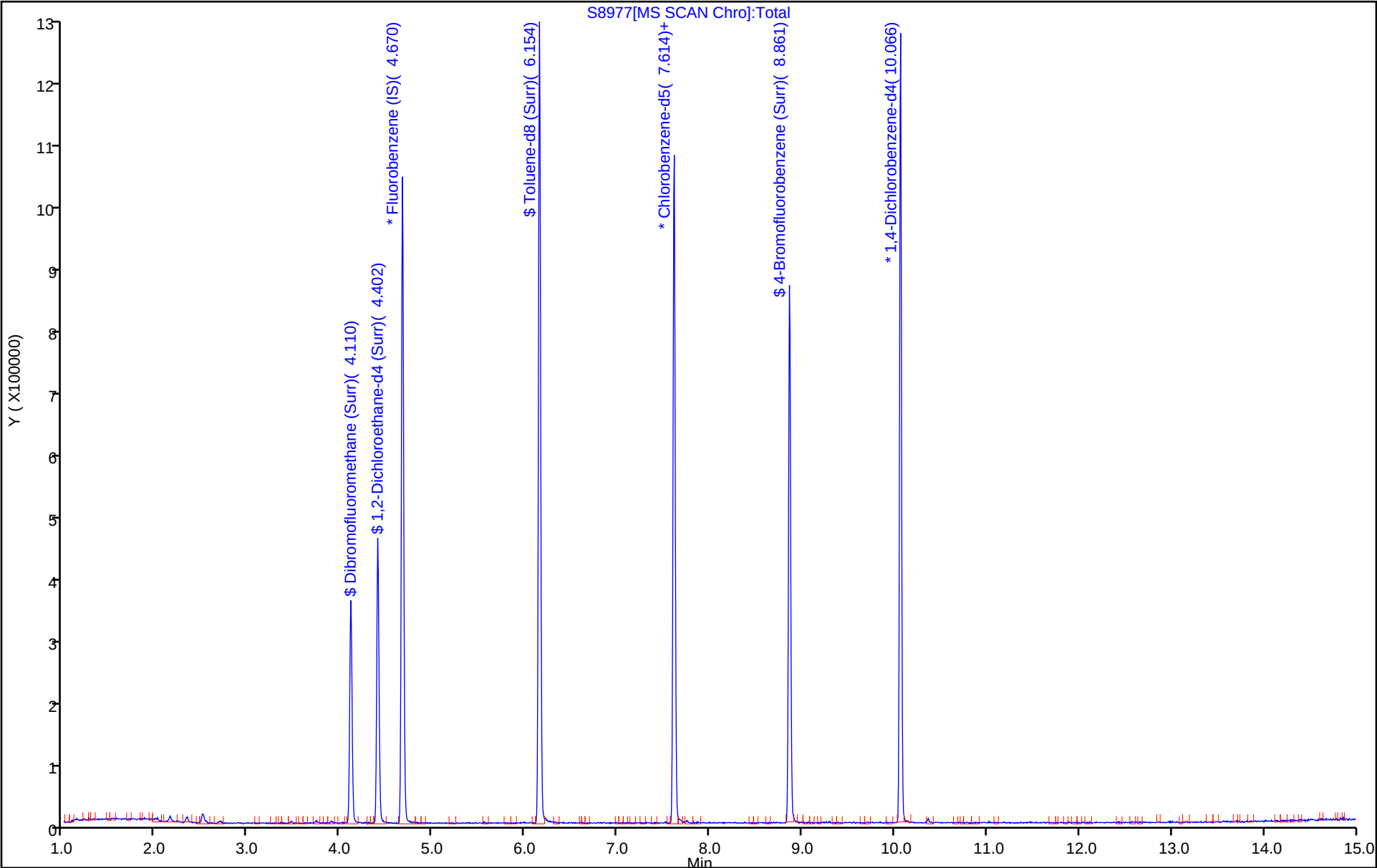
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8977.d
Lims ID: 480-230498-A-12
Client ID: TRIP BLANK-20250616
Sample Type: Client
Inject. Date: 21-Jun-2025 06:35:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 480-230498-A-12
Misc. Info.: 480-0124110-025
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2025 13:20:40 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 13:23:00

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.3	89.07
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.1	104.47
\$ 5 Toluene-d8 (Surr)	25.0	25.0	99.90
\$ 6 4-Bromofluorobenzene (Surr)	25.0	21.9	87.48

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322
SDG No.: _____
Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-746322/13	S8278.d
Level 2	IC 480-746322/14	S8279.d
Level 3	IC 480-746322/15	S8280.d
Level 4	IC 480-746322/16	S8281.d
Level 5	IC 480-746322/17	S8282.d
Level 6	ICIS 480-746322/18	S8283.d
Level 7	IC 480-746322/19	S8284.d
Level 8	IC 480-746322/20	S8285.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Dichlorodifluoromethane	1.8296 1.7514	1.5196 1.7992	1.5855 1.8370	1.8706	1.8643	Ave		1.757 2			0.1000	7.6		20.0			
Chloromethane	1.8819 1.8688	1.7914 1.8687	1.8620 1.9256	2.0364	2.0215	Ave		1.907 0			0.1000	4.4		20.0			
Vinyl chloride	1.1748 1.4054	1.0698 1.4051	1.1648 1.4498	1.4002	1.5676	Ave		1.329 7			0.1000	12.9		20.0			
Butadiene	1.5404 1.6824	1.5152 1.6924	1.6312 1.7380	1.7441	1.9141	Ave		1.682 2				7.5		20.0			
Bromomethane	0.9787 0.8484	0.9978 0.8574	0.9247 0.8664	0.9066	1.0130	Ave		0.924 1			0.1000	7.1		20.0			
Chloroethane	0.9800 0.9289	0.9966 0.8882	0.9361 0.9214	0.9317	1.0341	Ave		0.952 1			0.1000	5.0		20.0			
Dichlorofluoromethane	2.2499 2.1859	2.2925 2.1672	2.1528 2.2340	2.1723	2.3543	Ave		2.226 1				3.2		20.0			
Trichlorofluoromethane	++++ 1.8297	1.3104 1.8810	1.4930 1.9195	1.8452	2.0445	Ave		1.760 5			0.1000	14.8		20.0			
Ethyl ether	1.3322 1.1821	1.0605 1.1666	1.1669 1.1670	1.2040	1.2450	Ave		1.190 6				6.5		20.0			
Acrolein	++++ 0.1728	0.2078 0.1707	0.1983 0.1660	0.1920	0.1654	Ave		0.181 8				9.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.7258 1.0737	0.8575 1.0766	0.8607 1.0684	1.0030	1.1144	Ave		0.972 5			0.1000	14.4		20.0			
1,1-Dichloroethene	1.1214 1.0228	1.1255 1.0458	1.0627 1.0188	0.9303	1.0692	Ave		1.049 6			0.1000	6.0		20.0			
Acetone	++++ 0.5492	0.7152 0.5336	0.6576 0.5486	0.5376	0.5237	Ave		0.580 8			0.1000	12.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Iodomethane	1.9742 2.0362	1.7134 1.9991	1.8402 2.0091	1.9277	2.0891	Ave		1.948 6				6.2		20.0			
Carbon disulfide	3.0654 3.4261	2.8018 3.5066	2.8860 3.5838	3.3126	3.6971	Ave		3.284 9			0.1000	10.1		20.0			
Allyl chloride	2.5062 2.4861	2.3654 2.4944	2.1572 2.5237	2.5167	2.5812	Ave		2.453 9				5.5		20.0			
Methyl acetate	1.7716 1.4674	1.5556 1.4632	1.4662 1.4521	1.4991	1.5040	Ave		1.522 4			0.1000	7.0		20.0			
Methylene Chloride	4.2725 1.2816	2.5845 1.2152	1.7709 1.2195	1.2971	1.3492	Lin1	1.397 0	1.198 0			0.1000	12.2			0.9990		0.9900
2-Methyl-2-propanol	++++ 0.2152	0.2199 0.2058	0.2304 0.2098	0.2133	0.2150	Ave		0.215 6				3.7		20.0			
Methyl tert-butyl ether	4.3403 4.0569	3.6175 4.0560	3.8252 4.0833	4.0681	4.2031	Ave		4.031 3			0.1000	5.5		20.0			
trans-1,2-Dichloroethene	1.1798 1.2221	1.1609 1.2364	1.1045 1.2283	1.2434	1.2972	Ave		1.209 1			0.1000	4.9		20.0			
Acrylonitrile	0.7909 0.6877	0.6270 0.6820	0.5914 0.7046	0.6496	0.6866	Ave		0.677 5				8.7		20.0			
Hexane	2.1747 1.8667	2.5134 2.0273	2.0874 2.0068	2.0784	2.0123	Ave		2.095 9				9.1		20.0			
1,1-Dichloroethane	2.1345 2.2314	1.8017 2.2648	1.9275 2.2877	2.1908	2.3624	Ave		2.150 1			0.2000	8.9		20.0			
Vinyl acetate	3.4484 3.1578	2.9362 3.0199	2.7520 3.2007	3.1358	3.0503	Ave		3.087 6				6.6		20.0			
2,2-Dichloropropane	1.3948 1.2888	1.4344 1.2764	1.2944 1.2352	1.3879	1.4762	Ave		1.348 5				6.4		20.0			
cis-1,2-Dichloroethene	1.3012 1.3196	1.2232 1.3248	1.1560 1.3244	1.2276	1.3805	Ave		1.282 2			0.1000	5.7		20.0			
2-Butanone (MEK)	1.0461 0.8692	1.0364 0.8514	0.9572 0.8846	0.8718	0.8475	Ave		0.920 5			0.1000	8.9		20.0			
Chlorobromomethane	++++ 0.7253	0.8985 0.6954	0.7521 0.7114	0.7064	0.7551	Ave		0.749 2				9.3		20.0			
Tetrahydrofuran	++++ 0.5952	0.6567 0.5893	0.6927 0.6093	0.6203	0.5614	Ave		0.617 8				7.2		20.0			
Chloroform	2.5152 2.1422	1.6546 2.1448	2.0581 2.1497	2.0376	2.2105	Ave		2.114 1			0.2000	11.2		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 Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	2.3535 2.3942	2.5327 2.5114	2.3448 2.5010	2.4127	2.5726	Ave		2.452 q			0.1000	3.5		20.0			
1,1,1-Trichloroethane	1.8590 1.8736	1.6958 1.8839	1.6931 1.9100	1.9096	1.9740	Ave		1.849 q			0.1000	5.5		20.0			
Carbon tetrachloride	1.5089 1.6967	1.4029 1.7884	1.4885 1.8107	1.7008	1.8189	Ave		1.652 n			0.1000	9.8		20.0			
1,1-Dichloropropene	1.3088 1.6589	1.2298 1.7164	1.4413 1.7637	1.6607	1.7404	Ave		1.565 n				13.3		20.0			
Benzene	4.8095 4.7442	3.7628 4.8781	4.0583 5.0063	4.7425	4.9050	Ave		4.613 3			0.5000	9.7		20.0			
Isobutyl alcohol	0.0734 0.0936	0.0899 0.0926	0.0783 0.0972	0.0874	0.0924	Ave		0.088 1				9.3		20.0			
1,2-Dichloroethane	1.7907 1.8659	1.6076 1.8813	1.7881 1.9000	1.7945	1.9275	Ave		1.819 4			0.1000	5.6		20.0			
n-Heptane	2.4694 2.0352	2.1305 2.1609	1.8722 2.2100	2.2183	2.2440	Ave		2.167 6				7.9		20.0			
Trichloroethene	1.3683 1.2491	1.2306 1.2470	1.1802 1.2885	1.1830	1.2680	Ave		1.251 8			0.2000	4.8		20.0			
Methylcyclohexane	2.2144 2.1245	2.1914 2.2506	2.0786 2.2814	2.2806	2.3492	Ave		2.221 3			0.1000	4.0		20.0			
1,2-Dichloropropane	1.2253 1.2544	1.0692 1.2628	1.1968 1.2836	1.2334	1.2893	Ave		1.226 8			0.1000	5.8		20.0			
Dibromomethane	+++++ 0.7926	0.7324 0.7936	0.7590 0.8117	0.8026	0.8167	Ave		0.786 q			0.1000	3.9		20.0			
1,4-Dioxane	+++++ 0.0060	0.0051 0.0057	0.0058 0.0059	0.0057	0.0054	Ave		0.005 7				5.6		20.0			
Bromodichloromethane	1.5972 1.5987	1.5201 1.6180	1.7535 1.6555	1.5891	1.5734	Ave		1.613 2			0.2000	4.2		20.0			
2-Chloroethyl vinyl ether	0.8131 0.9131	0.7143 0.9088	0.8557 0.9615	0.8948	0.9247	Ave		0.873 3				9.0		20.0			
cis-1,3-Dichloropropene	1.8906 2.1253	1.6572 2.1449	1.8541 2.2161	2.0684	2.1302	Ave		2.010 q			0.2000	9.5		20.0			
4-Methyl-2-pentanone (MIBK)	0.9828 0.8612	0.8112 0.9039	0.8223 0.9182	0.8417	0.8320	Ave		0.871 7			0.1000	6.7		20.0			
Toluene	1.5778 1.4930	1.2463 1.5728	1.3649 1.5636	1.5474	1.4738	Ave		1.480 n			0.4000	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 Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	0.9675 0.9361	0.7983 0.9852	0.8008 0.9823	0.9670	0.9122	Ave		0.918 7			0.1000	8.4		20.0			
Ethyl methacrylate	++++ 0.8472	0.8051 0.8943	0.9497 0.9024	0.9119	0.8462	Ave		0.879 6				5.6		20.0			
1,1,2-Trichloroethane	0.4304 0.4514	0.4939 0.4572	0.4890 0.4557	0.4231	0.4424	Ave		0.455 4			0.1000	5.5		20.0			
Tetrachloroethene	0.5940 0.6791	0.6018 0.7016	0.5963 0.7127	0.7156	0.6942	Ave		0.661 9			0.2000	8.3		20.0			
1,3-Dichloropropane	0.9613 0.9420	0.8321 0.9834	0.8115 0.9759	0.9242	0.9267	Ave		0.919 6				7.0		20.0			
2-Hexanone	0.5641 0.5661	0.4831 0.5961	0.5749 0.6144	0.5715	0.5527	Ave		0.565 4			0.1000	6.8		20.0			
Dibromochloromethane	0.6525 0.6603	0.6011 0.6958	0.5845 0.6979	0.6627	0.6593	Ave		0.651 8			0.1000	6.2		20.0			
1,2-Dibromoethane	0.5568 0.5863	0.5008 0.5952	0.4981 0.5966	0.5824	0.5746	Ave		0.561 3				7.2		20.0			
Chlorobenzene	1.8290 1.7431	1.5228 1.8042	1.4846 1.8288	1.7541	1.7302	Ave		1.712 1			0.5000	7.9		20.0			
Ethylbenzene	2.7083 2.8528	2.3004 3.0243	2.3620 3.0992	2.8086	2.9272	Ave		2.760 4			0.1000	10.6		20.0			
1,1,1,2-Tetrachloroethane	0.6595 0.6535	0.5139 0.6786	0.5514 0.6735	0.6274	0.6382	Ave		0.624 5				9.6		20.0			
m,p-Xylene	1.1419 1.1432	0.9830 1.1867	1.0042 1.2030	1.1838	1.1809	Ave		1.128 4			0.1000	7.6		20.0			
o-Xylene	1.1356 1.1254	0.9874 1.1534	0.9584 1.1581	1.1132	1.1226	Ave		1.094 3			0.3000	7.0		20.0			
Styrene	1.8388 1.8908	1.6144 1.9056	1.5715 1.9488	1.7809	1.8572	Ave		1.801 0			0.3000	7.7		20.0			
Bromoform	0.4511 0.4988	0.3559 0.5099	0.4184 0.5158	0.5004	0.4875	Ave		0.467 2			0.1000	11.9		20.0			
Isopropylbenzene	2.2741 2.4500	2.1289 2.5286	2.0792 2.5678	2.5283	2.4574	Ave		2.376 8			0.1000	8.0		20.0			
Bromobenzene	0.7403 0.7229	0.5987 0.7309	0.6749 0.7359	0.7126	0.7380	Ave		0.706 8				6.9		20.0			
1,1,2,2-Tetrachloroethane	0.7200 0.7168	0.7383 0.7186	0.6820 0.7163	0.7041	0.6988	Ave		0.711 9			0.3000	2.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
N-Propylbenzene	2.6714 3.1208	2.2871 3.2853	2.5860 3.3155	3.0918	3.1376	Ave		2.937 n				12.7		20.0			
1,2,3-Trichloropropane	++++ 0.2555	0.2712 0.2542	0.2908 0.2467	0.2583	0.2593	Ave		0.262 3				5.5		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.3137	0.3263 0.3218	0.2737 0.3150	0.3235	0.2753	Ave		0.307 1				7.4		20.0			
2-Chlorotoluene	0.7762 0.6503	0.6624 0.6820	0.5907 0.6575	0.6352	0.6374	Ave		0.661 5				8.1		20.0			
1,3,5-Trimethylbenzene	2.1229 2.2031	1.8270 2.2853	1.9444 2.3426	2.1824	2.2340	Ave		2.142 7				8.1		20.0			
4-Chlorotoluene	0.8230 0.7024	0.6640 0.7116	0.6582 0.7064	0.7139	0.6865	Ave		0.708 3				7.2		20.0			
tert-Butylbenzene	0.5291 0.5120	0.4265 0.5478	0.4469 0.5449	0.5302	0.5448	Ave		0.510 3				9.2		20.0			
1,2,4-Trimethylbenzene	2.4851 2.3123	1.8764 2.3798	1.9723 2.4280	2.2329	2.2881	Ave		2.246 9				9.6		20.0			
sec-Butylbenzene	2.5416 2.8098	2.1401 2.9505	2.2779 3.0350	2.8273	2.8554	Ave		2.679 7				12.1		20.0			
1,3-Dichlorobenzene	1.2169 1.3779	1.1500 1.4147	1.1661 1.4151	1.3619	1.3670	Ave		1.308 7		0.6000		8.5		20.0			
4-Isopropyltoluene	2.3379 2.5235	2.0344 2.6573	2.1531 2.7407	2.5184	2.5388	Ave		2.438 n				10.0		20.0			
1,4-Dichlorobenzene	1.4747 1.3993	1.1981 1.4402	1.2232 1.4506	1.3754	1.3926	Ave		1.369 3		0.5000		7.6		20.0			
n-Butylbenzene	1.9755 2.1618	1.7028 2.3171	1.7882 2.3693	2.1637	2.1883	Ave		2.083 3				11.5		20.0			
1,2-Dichlorobenzene	1.2613 1.3216	1.1118 1.3464	1.1054 1.3485	1.2501	1.2887	Ave		1.254 2		0.4000		7.7		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1534	0.1687 0.1576	0.1200 0.1596	0.1554	0.1540	Ave		0.152 7		0.0500		10.0		20.0			
1,2,4-Trichlorobenzene	0.8928 0.9430	0.7218 0.9552	0.7973 0.9655	0.9135	0.8843	Ave		0.884 2		0.2000		9.6		20.0			
Hexachlorobutadiene	0.4337 0.4552	0.3500 0.4595	0.3810 0.4565	0.4573	0.4513	Ave		0.430 6				9.7		20.0			
Naphthalene	2.6991 2.5372	2.1008 2.6140	2.2156 2.6885	2.4248	2.3674	Ave		2.455 9				8.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.8420 0.8828	0.6047 0.8768	0.7689 0.8966	0.8257	0.8053	Ave		0.812 8				11.6		20.0			
Dibromofluoromethane (Surr)	1.3450 1.3882	1.3615 1.3355	1.4129 1.3611	1.3270	1.4132	Ave		1.368 1				2.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.8254 0.8361	0.8345 0.8465	0.8912 0.8722	0.8306	0.8885	Ave		0.853 1				3.1		20.0			
Toluene-d8 (Surr)	2.4638 2.4689	2.5203 2.5040	2.4792 2.5153	2.5251	2.4349	Ave		2.488 9				1.3		20.0			
4-Bromofluorobenzene (Surr)	0.8841 0.8650	0.8652 0.8772	0.8538 0.8768	0.8644	0.8700	Ave		0.869 6				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 Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-746322/13	S8278.d
Level 2	IC 480-746322/14	S8279.d
Level 3	IC 480-746322/15	S8280.d
Level 4	IC 480-746322/16	S8281.d
Level 5	IC 480-746322/17	S8282.d
Level 6	ICIS 480-746322/18	S8283.d
Level 7	IC 480-746322/19	S8284.d
Level 8	IC 480-746322/20	S8285.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	6960 325001	11481 696993	22679 1407763	71397	133917	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloromethane	FB	Ave	7159 346774	13535 723946	26634 1475611	77724	145207	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl chloride	FB	Ave	4469 260790	8083 544312	16661 1111006	53444	112600	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Butadiene	FB	Ave	5860 312188	11448 655638	23332 1331869	66569	137489	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromomethane	FB	Ave	3723 157427	7539 332158	13226 663984	34605	72765	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloroethane	FB	Ave	3728 172363	7530 344086	13389 706077	35560	74283	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dichlorofluoromethane	FB	Ave	8559 405620	17321 839569	30793 1712021	82911	169114	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichlorofluoromethane	FB	Ave	++++ 339520	9901 728689	21356 1470947	70428	146861	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl ether	FB	Ave	5068 219356	8013 451952	16691 894315	45956	89428	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrolein	FB	Ave	++++ 160351	7849 330568	14181 635910	36635	59418	++++ 125	5.00 250	10.0 500	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2761 199235	6479 417079	12311 818737	38282	80050	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethene	FB	Ave	4266 189798	8504 405157	15200 780773	35507	76805	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acetone	FB	Ave	++++ 509600	27019 1033627	47033 2102005	102602	188105	++++ 125	5.00 250	10.0 500	25.0	50.0
Iodomethane	FB	Ave	7510 377849	12946 774433	26322 1539671	73576	150062	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	11661	21169	41281	126435	265569	0.500	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			635749	1358451	2746351			25.0	50.0	100		
Allyl chloride	FB	Ave	9534 461323	17872 966318	30856 1934002	96057	185408	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	13479 544592	23507 1133679	41943 2225553	114438	216071	1.00 50.0	2.00 100	4.00 200	10.0	20.0
Methylene Chloride	FB	Lin1	16253 237814	19527 470748	25330 934543	49509	96916	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	++++ 399283	16618 797091	32956 1607849	81408	154436	++++ 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	16511 752809	27332 1571290	54715 3129153	155272	301909	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	4488 226778	8771 478967	15799 941264	47458	93177	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	30086 1276086	47374 2642207	84585 5399743	247930	493166	5.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Ave	8273 346395	18990 785360	29857 1537908	79329	144542	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	8120 414074	13613 877365	27570 1753154	83618	169690	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	26236 1171944	44369 2339762	78728 4905613	239373	438205	1.00 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	5306 239156	10838 494463	18514 946575	52975	106037	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	4950 244866	9242 513239	16535 1014964	46857	99163	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	19897 806446	39153 1649187	68460 3389625	166367	304390	2.50 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	++++ 134596	6789 269398	10758 545155	26963	54243	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	++++ 220880	9924 456613	19816 933873	47349	80646	++++ 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	9568 397506	12501 830887	29438 1647414	77773	158782	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Ave	8953 444281	19136 972921	33539 1916598	92090	184790	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,1-Trichloroethane	FB	Ave	7072 347675	12813 729826	24218 1463717	72885	141793	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Ave	5740 314845	10600 692827	21291 1387575	64917	130656	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	4979 307833	9292 664920	20616 1351556	63386	125011	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Benzene	FB	Ave	18296 880340	28430 1889763	58049 3836503	181014	352329	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Isobutyl alcohol	FB	Ave	6976 434320	16980 897083	27985 1861560	83444	165979	12.5 625	25.0 1250	50.0 2500	125	250
1,2-Dichloroethane	FB	Ave	6812 346234	12146 728818	25577 1456035	68492	138454	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Ave	9394 377654	16097 837127	26779 1693614	84669	161190	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	5205 231784	9298 483082	16881 987411	45152	91079	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Ave	8424 394230	16557 871875	29732 1748316	87045	168743	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	4661 232775	8078 489197	17118 983694	47076	92612	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Dibromomethane	FB	Ave	++++ 147086	5534 307431	10857 622000	30633	58662	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBNZd 5	Ave	++++ 46989	1568 90245	3563 190537	8842	16963	++++ 500	20.0 1000	40.0 2000	100	200
Bromodichloromethane	FB	Ave	6076 296660	11485 626799	25082 1268635	60653	113017	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	3093 169445	5397 352057	12240 736847	34154	66423	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	7192 394385	12521 830936	26521 1698291	78948	153013	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBNZd 5	Ave	38134 1683233	62508 3569831	127231 7414045	325574	655021	2.50 125	5.00 250	10.0 500	25.0	50.0
Toluene	CBNZd 5	Ave	12245 583623	19207 1242298	42238 2524930	119711	232059	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,3-Dichloropropene	CBNZd 5	Ave	7508 365934	12302 778214	24782 1586356	74810	143638	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl methacrylate	CBNZd 5	Ave	++++ 331192	12407 706386	29388 1457279	70546	133244	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1,2-Trichloroethane	CBNZd 5	Ave	3340 176442	7612 361161	15131 735890	32735	69653	0.500 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrachloroethene	CBNZd 5	Ave	4610	9274	18452	55356	109299	0.500	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			265486	554180	1150878			25.0	50.0	100		
1,3-Dichloropropane	CBNZd 5	Ave	7460	12824	25112	71494	145909	0.500	1.00	2.00	5.00	10.0
			368241	776779	1575904			25.0	50.0	100		
2-Hexanone	CBNZd 5	Ave	21889	37227	88944	221063	435109	2.50	5.00	10.0	25.0	50.0
			1106425	2354245	4961009			125	250	500		
Dibromochloromethane	CBNZd 5	Ave	5064	9264	18086	51266	103815	0.500	1.00	2.00	5.00	10.0
			258136	549583	1126981			25.0	50.0	100		
1,2-Dibromoethane	CBNZd 5	Ave	4321	7718	15414	45058	90471	0.500	1.00	2.00	5.00	10.0
			229177	470129	963384			25.0	50.0	100		
Chlorobenzene	CBNZd 5	Ave	14194	23467	45940	135701	272431	0.500	1.00	2.00	5.00	10.0
			681417	1425112	2953278			25.0	50.0	100		
Ethylbenzene	CBNZd 5	Ave	21018	35451	73092	217274	460905	0.500	1.00	2.00	5.00	10.0
			1115203	2388819	5004802			25.0	50.0	100		
1,1,1,2-Tetrachloroethane	CBNZd 5	Ave	5118	7920	17062	48533	100486	0.500	1.00	2.00	5.00	10.0
			255455	535998	1087677			25.0	50.0	100		
m,p-Xylene	CBNZd 5	Ave	8862	15149	31075	91582	185942	0.500	1.00	2.00	5.00	10.0
			446910	937355	1942677			25.0	50.0	100		
o-Xylene	CBNZd 5	Ave	8813	15216	29656	86120	176764	0.500	1.00	2.00	5.00	10.0
			439935	911058	1870151			25.0	50.0	100		
Styrene	CBNZd 5	Ave	14270	24879	48631	137774	292430	0.500	1.00	2.00	5.00	10.0
			739158	1505159	3147055			25.0	50.0	100		
Bromoform	CBNZd 5	Ave	3501	5484	12948	38713	76755	0.500	1.00	2.00	5.00	10.0
			195003	402762	832917			25.0	50.0	100		
Isopropylbenzene	DCBd4	Ave	19544	35670	67806	207020	422988	0.500	1.00	2.00	5.00	10.0
			1049921	2183731	4581589			25.0	50.0	100		
Bromobenzene	DCBd4	Ave	6362	10032	22009	58351	127031	0.500	1.00	2.00	5.00	10.0
			309783	631234	1313069			25.0	50.0	100		
1,1,2,2-Tetrachloroethane	DCBd4	Ave	6188	12371	22241	57648	120289	0.500	1.00	2.00	5.00	10.0
			307155	620620	1278048			25.0	50.0	100		
N-Propylbenzene	DCBd4	Ave	22959	38321	84333	253155	540074	0.500	1.00	2.00	5.00	10.0
			1337377	2837191	5915610			25.0	50.0	100		
1,2,3-Trichloropropane	DCBd4	Ave	+++++	4544	9482	21148	44638	+++++	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322
SDG No.: _____
Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			109481	219546	440154			25.0	50.0	100		
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++	5468	8925	26487	47392	+++++	1.00	2.00	5.00	10.0
			134447	277907	562027			25.0	50.0	100		
2-Chlorotoluene	DCBd4	Ave	6671	11099	19263	52014	109706	0.500	1.00	2.00	5.00	10.0
			278697	589017	1173092			25.0	50.0	100		
1,3,5-Trimethylbenzene	DCBd4	Ave	18245	30612	63408	178697	384529	0.500	1.00	2.00	5.00	10.0
			944099	1973619	4179649			25.0	50.0	100		
4-Chlorotoluene	DCBd4	Ave	7073	11126	21466	58453	118173	0.500	1.00	2.00	5.00	10.0
			300987	614535	1260441			25.0	50.0	100		
tert-Butylbenzene	DCBd4	Ave	4547	7147	14574	43412	93781	0.500	1.00	2.00	5.00	10.0
			219429	473052	972145			25.0	50.0	100		
1,2,4-Trimethylbenzene	DCBd4	Ave	21358	31440	64317	182831	393848	0.500	1.00	2.00	5.00	10.0
			990898	2055204	4332035			25.0	50.0	100		
sec-Butylbenzene	DCBd4	Ave	21843	35859	74286	231501	491499	0.500	1.00	2.00	5.00	10.0
			1204100	2548026	5415029			25.0	50.0	100		
1,3-Dichlorobenzene	DCBd4	Ave	10458	19268	38027	111512	235307	0.500	1.00	2.00	5.00	10.0
			590476	1221729	2524788			25.0	50.0	100		
4-Isopropyltoluene	DCBd4	Ave	20093	34088	70215	206206	436989	0.500	1.00	2.00	5.00	10.0
			1081417	2294835	4890067			25.0	50.0	100		
1,4-Dichlorobenzene	DCBd4	Ave	12674	20075	39891	112615	239701	0.500	1.00	2.00	5.00	10.0
			599654	1243714	2588239			25.0	50.0	100		
n-Butylbenzene	DCBd4	Ave	16978	28531	58315	177162	376673	0.500	1.00	2.00	5.00	10.0
			926421	2001032	4227385			25.0	50.0	100		
1,2-Dichlorobenzene	DCBd4	Ave	10840	18629	36047	102356	221828	0.500	1.00	2.00	5.00	10.0
			566368	1162756	2406067			25.0	50.0	100		
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++	2827	3912	12720	26509	+++++	1.00	2.00	5.00	10.0
			65758	136144	284685			25.0	50.0	100		
1,2,4-Trichlorobenzene	DCBd4	Ave	7673	12094	26000	74794	152214	0.500	1.00	2.00	5.00	10.0
			404095	824923	1722730			25.0	50.0	100		
Hexachlorobutadiene	DCBd4	Ave	3727	5865	12424	37446	77673	0.500	1.00	2.00	5.00	10.0
			195075	396848	814543			25.0	50.0	100		
Naphthalene	DCBd4	Ave	23197	35199	72254	198539	407502	0.500	1.00	2.00	5.00	10.0
			1087275	2257404	4796941			25.0	50.0	100		
1,2,3-Trichlorobenzene	DCBd4	Ave	7236	10132	25075	67609	138608	0.500	1.00	2.00	5.00	10.0
			378319	757204	1599782			25.0	50.0	100		
Dibromofluoromethane (Surr)	FB	Ave	255820	257162	252627	253252	253772	25.0	25.0	25.0	25.0	25.0
			257603	258689	260773			25.0	25.0	25.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	157003	157619	159349	158513	159554	25.0	25.0	25.0	25.0	25.0
			155140	163957	167096			25.0	25.0	25.0		
Toluene-d8 (Surr)	CBNzd 5	Ave	956010	971015	958989	976720	958468	25.0	25.0	25.0	25.0	25.0

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

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			965121	988931	1015483			25.0	25.0	25.0		
4-Bromofluorobenzene (Surr)	CBNZd 5	Ave	343067	333346	330270	334341	342481	25.0	25.0	25.0	25.0	25.0
			338136	346436	353987			25.0	25.0	25.0		

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-746322/13	S8278.d
Level 2	IC 480-746322/14	S8279.d
Level 3	IC 480-746322/15	S8280.d
Level 4	IC 480-746322/16	S8281.d
Level 5	IC 480-746322/17	S8282.d
Level 6	ICIS 480-746322/18	S8283.d
Level 7	IC 480-746322/19	S8284.d
Level 8	IC 480-746322/20	S8285.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #					LVL 7	LVL 8				
Dichlorodifluoromethane	4.1						30					
Chloromethane	-1.3						30					
Vinyl chloride	-11.6						30					
Butadiene	-8.4						30					
Bromomethane	5.9						30					
Chloroethane	2.9						30					
Dichlorofluoromethane	1.1						30					
Trichlorofluoromethane	+++++	-25.6						30				
Ethyl ether	11.9						30					
Acrolein	+++++	14.3						30				
1,1,2-Trichloro-1,2,2-trifluoroethane	-25.4						30					
1,1-Dichloroethene	6.8						30					
Acetone	+++++	23.1						30				
Iodomethane	1.3						30					
Carbon disulfide	-6.7						30					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Allyl chloride	2.1						30					
Methyl acetate	16.4						30					
Methylene Chloride	23.4						30					
2-Methyl-2-propanol	+++++	2.0						30				
Methyl tert-butyl ether	7.7						30					
trans-1,2-Dichloroethene	-2.4						30					
Acrylonitrile	16.7						30					
Hexane	3.8						30					
1,1-Dichloroethane	-0.7						30					
Vinyl acetate	11.7						30					
2,2-Dichloropropane	3.4						30					
cis-1,2-Dichloroethene	1.5						30					
2-Butanone (MEK)	13.6						30					
Chlorobromomethane	+++++	19.9						30				
Tetrahydrofuran	+++++	6.3						30				
Chloroform	19.0						30					
Cyclohexane	-4.1						30					
1,1,1-Trichloroethane	0.5						30					
Carbon tetrachloride	-8.7						30					
1,1-Dichloropropene	-16.4						30					
Benzene	4.3						30					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Isobutyl alcohol	-16.7						30					
1,2-Dichloroethane	-1.6						30					
n-Heptane	13.9						30					
Trichloroethene	9.3						30					
Methylcyclohexane	-0.3						30					
1,2-Dichloropropane	-0.1						30					
Dibromomethane	+++++	-6.9						30				
1,4-Dioxane	+++++	-10.0						30				
Bromodichloromethane	-1.0						30					
2-Chloroethyl vinyl ether	-6.9						30					
cis-1,3-Dichloropropene	-6.0						30					
4-Methyl-2-pentanone (MIBK)	12.7						30					
Toluene	6.6						30					
trans-1,3-Dichloropropene	5.3						30					
Ethyl methacrylate	+++++	-8.5						30				
1,1,2-Trichloroethane	-5.5						30					
Tetrachloroethene	-10.3						30					
1,3-Dichloropropane	4.5						30					
2-Hexanone	-0.2						30					
Dibromochloromethane	0.1						30					
1,2-Dibromoethane	-0.8						30					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Chlorobenzene	6.8						30					
Ethylbenzene	-1.9						30					
1,1,1,2-Tetrachloroethane	5.6						30					
m,p-Xylene	1.2						30					
o-Xylene	3.8						30					
Styrene	2.1						30					
Bromoform	-3.4						30					
Isopropylbenzene	-4.3						30					
Bromobenzene	4.7						30					
1,1,2,2-Tetrachloroethane	1.1						30					
N-Propylbenzene	-9.0						30					
1,2,3-Trichloropropane	+++++	3.4						30				
trans-1,4-Dichloro-2-butene	+++++	6.3						30				
2-Chlorotoluene	17.3						30					
1,3,5-Trimethylbenzene	-0.9						30					
4-Chlorotoluene	16.2						30					
tert-Butylbenzene	3.7						30					
1,2,4-Trimethylbenzene	10.6						30					
sec-Butylbenzene	-5.2						30					
1,3-Dichlorobenzene	-7.0						30					
4-Isopropyltoluene	-4.1						30					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Buffalo Job No.: 480-230498-1 Analy Batch No.: 746322

SDG No.: _____

Instrument ID: HP5973S GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/16/2025 16:27 Calibration End Date: 05/16/2025 19:10 Calibration ID: 48382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	7.7						30					
n-Butylbenzene	-5.2						30					
1,2-Dichlorobenzene	0.6						30					
1,2-Dibromo-3-Chloropropane	+++++	10.5						30				
1,2,4-Trichlorobenzene	1.0						30					
Hexachlorobutadiene	0.7						30					
Naphthalene	9.9						30					
1,2,3-Trichlorobenzene	3.6						30					
Dibromofluoromethane (Surr)	-1.7						30					
1,2-Dichloroethane-d4 (Surr)	-3.2						30					
Toluene-d8 (Surr)	-1.0						30					
4-Bromofluorobenzene (Surr)	1.7						30					

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
 Lims ID: IC 0.5
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 16-May-2025 16:27:30 ALS Bottle#: 13 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 0.5
 Misc. Info.: 480-0123611-013
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:24:22 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 18-May-2025 10:58:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	190206	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.608	0.006	85	388029	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	93	429716	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	66	255820	25.0	24.6	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	92	157003	25.0	24.2	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	83	956010	25.0	24.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.861	0.006	95	343067	25.0	25.4	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	45	6960	0.5000	0.5206	M
12 Chloromethane	50	1.099	1.099	0.000	68	7159	0.5000	0.4934	
13 Vinyl chloride	62	1.178	1.172	0.006	8	4469	0.5000	0.4418	
151 Butadiene	54	1.178	1.172	0.006	91	5860	0.5000	0.4579	M
14 Bromomethane	94	1.397	1.391	0.006	41	3723	0.5000	0.5295	M
15 Chloroethane	64	1.451	1.452	-0.001	49	3728	0.5000	0.5146	M
16 Dichlorofluoromethane	67	1.622	1.628	-0.006	52	8559	0.5000	0.5053	
17 Trichlorofluoromethane	101	1.622	1.634	-0.012	31	4667	0.5000	0.3484	
18 Ethyl ether	59	1.853	1.847	0.006	50	5068	0.5000	0.5595	Ma
20 Acrolein	56	2.005	2.005	0.000	58	4495	2.50	3.25	M
21 1,1,2-Trichloro-1,2,2-trifluoro	101	2.035	2.036	-0.001	31	2761	0.5000	0.3732	
22 1,1-Dichloroethene	96	2.029	2.036	-0.007	61	4266	0.5000	0.5342	M
23 Acetone	43	2.145	2.151	-0.006	85	14261	2.50	3.23	M
25 Iodomethane	142	2.182	2.175	0.007	90	7510	0.5000	0.5066	
26 Carbon disulfide	76	2.206	2.206	0.000	62	11661	0.5000	0.4666	
28 3-Chloro-1-propene	41	2.376	2.370	0.006	79	9534	0.5000	0.5107	M
27 Methyl acetate	43	2.425	2.419	0.006	88	13479	1.00	1.16	M
30 Methylene Chloride	84	2.510	2.504	0.006	88	16253	0.5000	0.6170	
31 2-Methyl-2-propanol	59	2.693	2.687	0.007	90	13515	5.00	8.24	M
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	83	16511	0.5000	0.5383	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	61	4488	0.5000	0.4879	M
33 Acrylonitrile	53	2.784	2.778	0.006	99	30086	5.00	5.84	
35 Hexane	57	2.905	2.899	0.006	76	8273	0.5000	0.5188	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	46	8120	0.5000	0.4964	
37 Vinyl acetate	43	3.179	3.179	0.000	95	26236	1.00	1.12	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	59	5306	0.5000	0.5172	M
45 cis-1,2-Dichloroethene	96	3.654	3.648	0.006	29	4950	0.5000	0.5074	
43 2-Butanone (MEK)	43	3.708	3.690	0.018	85	19897	2.50	2.84	M
48 Chlorobromomethane	128	3.873	3.873	0.000	75	6208	0.5000	1.09	
49 Tetrahydrofuran	42	3.897	3.891	0.006	75	6464	1.00	1.38	
50 Chloroform	83	3.952	3.958	-0.006	75	9568	0.5000	0.5949	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	49	7072	0.5000	0.5025	M
52 Cyclohexane	56	4.055	4.049	0.006	60	8953	0.5000	0.4797	M
55 Carbon tetrachloride	117	4.189	4.183	0.006	55	5740	0.5000	0.4567	
54 1,1-Dichloropropene	75	4.207	4.201	0.006	54	4979	0.5000	0.4182	
57 Benzene	78	4.402	4.396	0.006	36	18296	0.5000	0.5213	
53 Isobutyl alcohol	43	4.475	4.463	0.012	0	6976	12.5	10.4	M
58 1,2-Dichloroethane	62	4.469	4.475	-0.006	24	6812	0.5000	0.4921	a
59 n-Heptane	43	4.597	4.591	0.006	75	9394	0.5000	0.5696	M
62 Trichloroethene	95	5.004	5.004	0.000	65	5205	0.5000	0.5465	M
64 Methylcyclohexane	83	5.108	5.108	0.000	68	8424	0.5000	0.4984	M
65 1,2-Dichloropropane	63	5.235	5.236	-0.001	37	4661	0.5000	0.4994	
67 Dibromomethane	93	5.375	5.375	0.000	65	4558	0.5000	0.7613	
66 1,4-Dioxane	88	5.400	5.394	0.006	0	591	10.0	6.74	M
68 Dichlorobromomethane	83	5.540	5.534	0.006	47	6076	0.5000	0.4951	M
69 2-Chloroethyl vinyl ether	63	5.832	5.826	0.006	26	3093	0.5000	0.4655	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	52	7192	0.5000	0.4701	
73 4-Methyl-2-pentanone (MIBK)	43	6.105	6.099	0.006	92	38134	2.50	2.82	M
74 Toluene	92	6.221	6.215	0.006	57	12245	0.5000	0.5331	
77 trans-1,3-Dichloropropene	75	6.525	6.513	0.012	64	7508	0.5000	0.5265	
75 Ethyl methacrylate	69	6.592	6.574	0.018	47	5568	0.5000	0.4079	M
79 1,1,2-Trichloroethane	83	6.702	6.696	0.006	52	3340	0.5000	0.4725	M
81 Tetrachloroethene	166	6.732	6.732	0.000	46	4610	0.5000	0.4487	
82 1,3-Dichloropropane	76	6.860	6.848	0.012	69	7460	0.5000	0.5226	
80 2-Hexanone	43	6.945	6.933	0.012	92	21889	2.50	2.49	M
83 Chlorodibromomethane	129	7.067	7.079	-0.012	1	5064	0.5000	0.5006	M
84 Ethylene Dibromide	107	7.170	7.164	0.006	61	4321	0.5000	0.4959	
87 Chlorobenzene	112	7.638	7.639	-0.001	83	14194	0.5000	0.5341	Ma
88 Ethylbenzene	91	7.742	7.742	0.000	82	21018	0.5000	0.4906	M
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	19	5118	0.5000	0.5280	
90 m-Xylene & p-Xylene	106	7.870	7.864	0.006	88	8862	0.5000	0.5060	
91 o-Xylene	106	8.283	8.283	0.000	76	8813	0.5000	0.5189	
92 Styrene	104	8.320	8.314	0.006	77	14270	0.5000	0.5105	
95 Bromoform	173	8.551	8.551	0.000	53	3501	0.5000	0.4828	
94 Isopropylbenzene	105	8.673	8.667	0.006	76	19544	0.5000	0.4784	
101 Bromobenzene	156	9.007	9.001	0.006	77	6362	0.5000	0.5237	
97 1,1,2,2-Tetrachloroethane	83	9.099	9.105	-0.006	30	6188	0.5000	0.5057	M
99 N-Propylbenzene	91	9.117	9.111	0.006	88	22959	0.5000	0.4548	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	44	3148	0.5000	0.6983	M
98 trans-1,4-Dichloro-2-butene	53	9.153	9.147	0.006	1	3900	0.5000	0.7389	M
103 2-Chlorotoluene	126	9.214	9.208	0.006	68	6671	0.5000	0.5867	
102 1,3,5-Trimethylbenzene	105	9.311	9.305	0.006	75	18245	0.5000	0.4954	
105 4-Chlorotoluene	126	9.342	9.330	0.012	55	7073	0.5000	0.5810	
106 tert-Butylbenzene	134	9.640	9.640	0.000	68	4547	0.5000	0.5184	
107 1,2,4-Trimethylbenzene	105	9.707	9.701	0.006	61	21358	0.5000	0.5530	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	68	21843	0.5000	0.4742	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	79	10458	0.5000	0.4649	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	79	20093	0.5000	0.4795	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	51	12674	0.5000	0.5385	a
115 n-Butylbenzene	91	10.425	10.425	0.000	54	16978	0.5000	0.4741	
116 1,2-Dichlorobenzene	146	10.455	10.449	0.006	74	10840	0.5000	0.5028	
117 1,2-Dibromo-3-Chloropropane	75	11.203	11.210	-0.007	7	1938	0.5000	0.7385	
119 1,2,4-Trichlorobenzene	180	11.897	11.891	0.006	48	7673	0.5000	0.5049	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	42	3727	0.5000	0.5036	
121 Naphthalene	128	12.104	12.104	0.000	84	23197	0.5000	0.5495	
122 1,2,3-Trichlorobenzene	180	12.311	12.305	0.006	62	7236	0.5000	0.5179	
S 126 1,3-Dichloropropene, Total	1				0			1.00	
S 125 1,2-Dichloroethene, Total	1				0			1.00	
S 123 Total BTEX	1				0			2.57	
S 124 Xylenes, Total	1				0			1.02	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00267

Amount Added: 0.50

Units: uL

GAS CORP mix_00677

Amount Added: 0.50

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Operator ID: AG/LH

Client ID:

Worklist Smp#: 13

Purge Vol: 5.000 mL

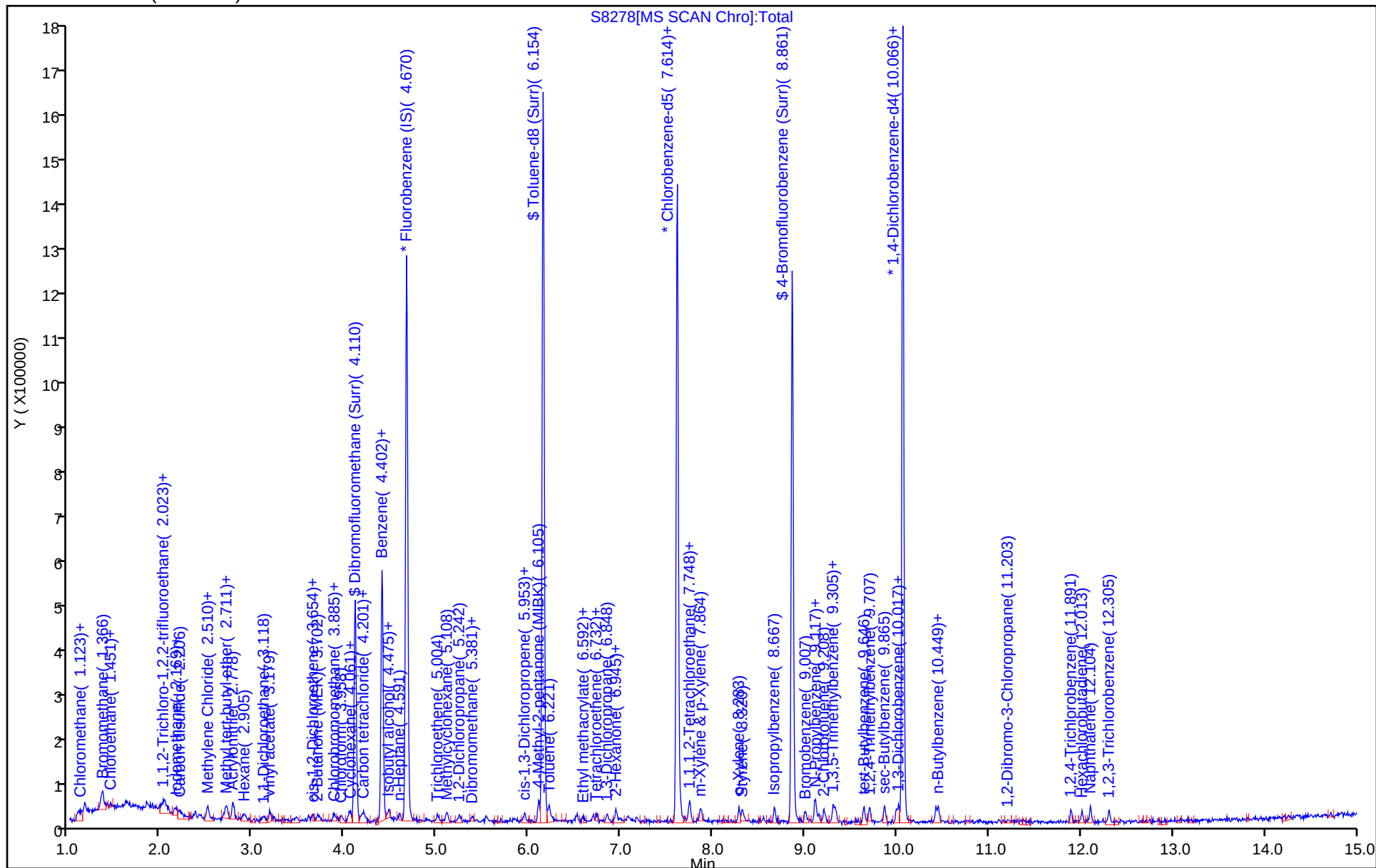
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

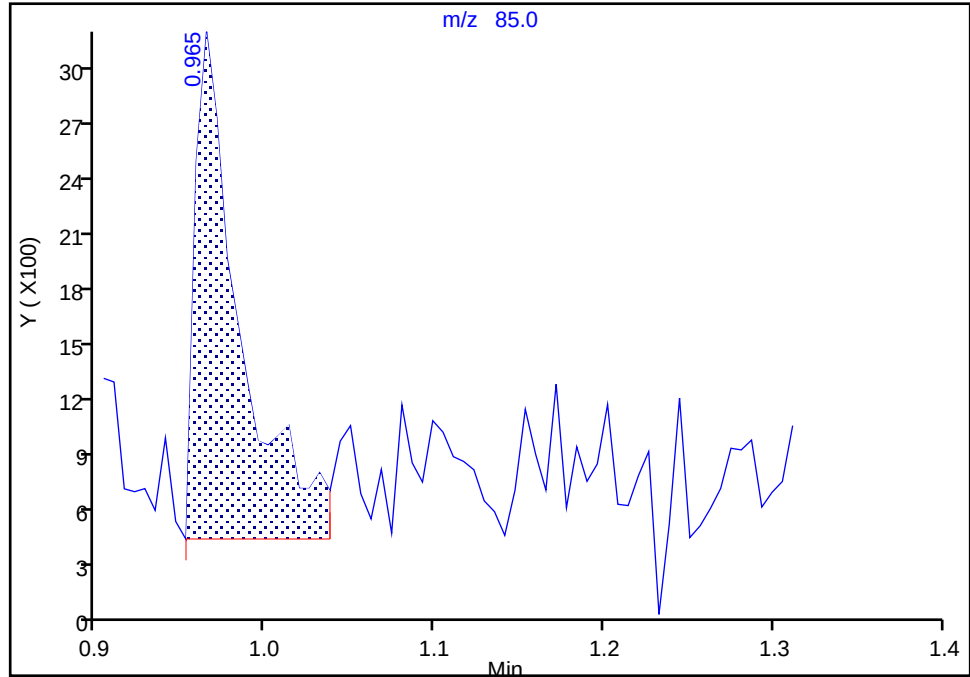
Detector: MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

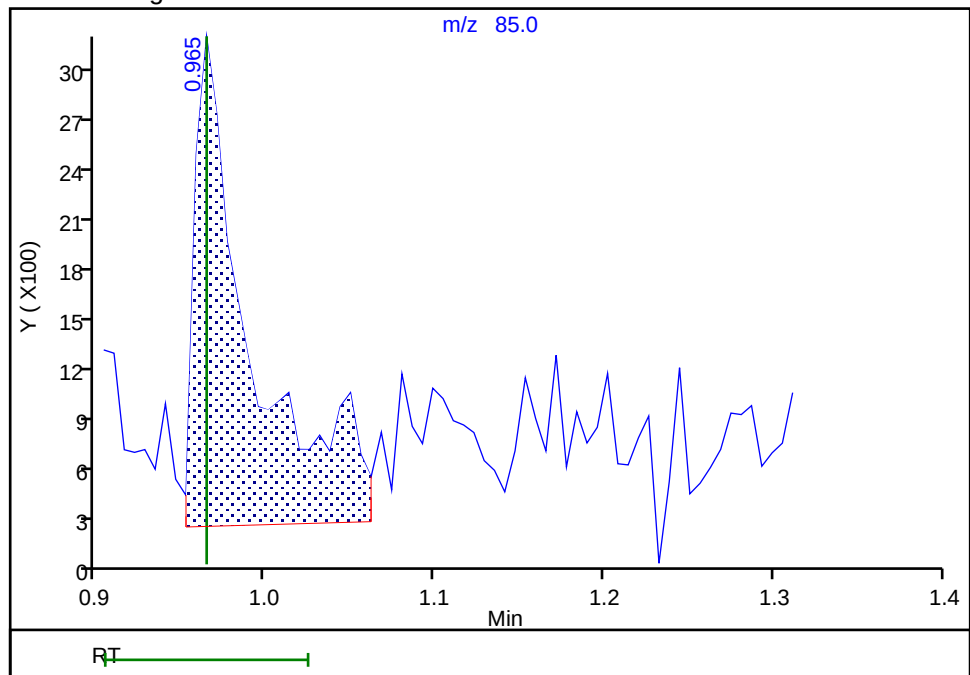
RT: 0.96
Area: 5180
Amount: 0.414726
Amount Units: ug/L

Processing Integration Results



RT: 0.96
Area: 6960
Amount: 0.520613
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:51:09 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

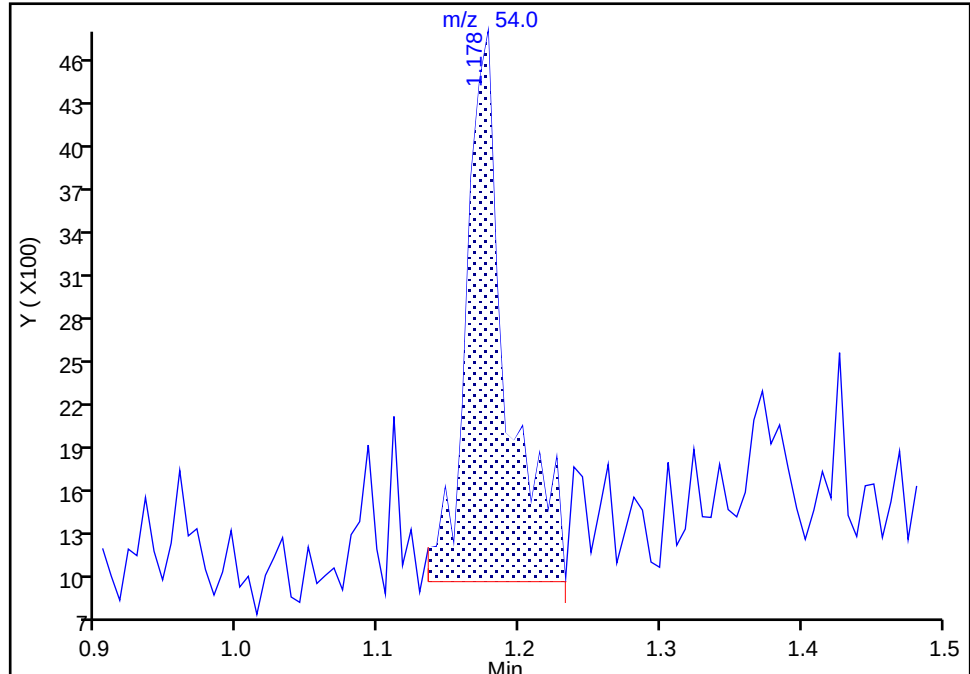
MS SCAN

151 Butadiene, CAS: 106-99-0

Signal: 1

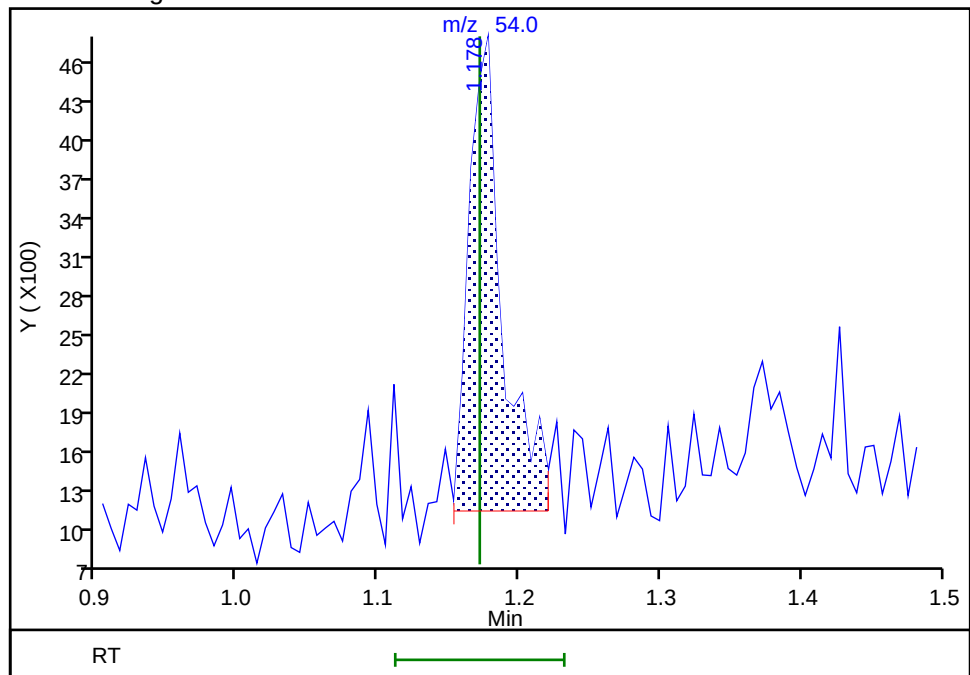
RT: 1.18
Area: 7325
Amount: 0.556400
Amount Units: ug/L

Processing Integration Results



RT: 1.18
Area: 5860
Amount: 0.457858
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:51:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

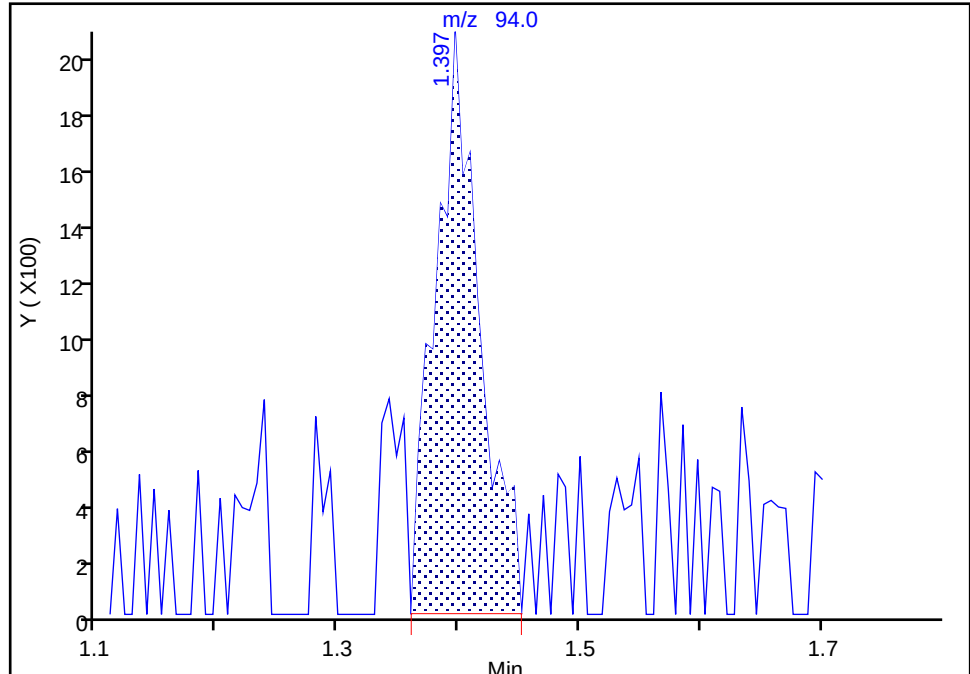
Detector: MS SCAN

14 Bromomethane, CAS: 74-83-9

Signal: 1

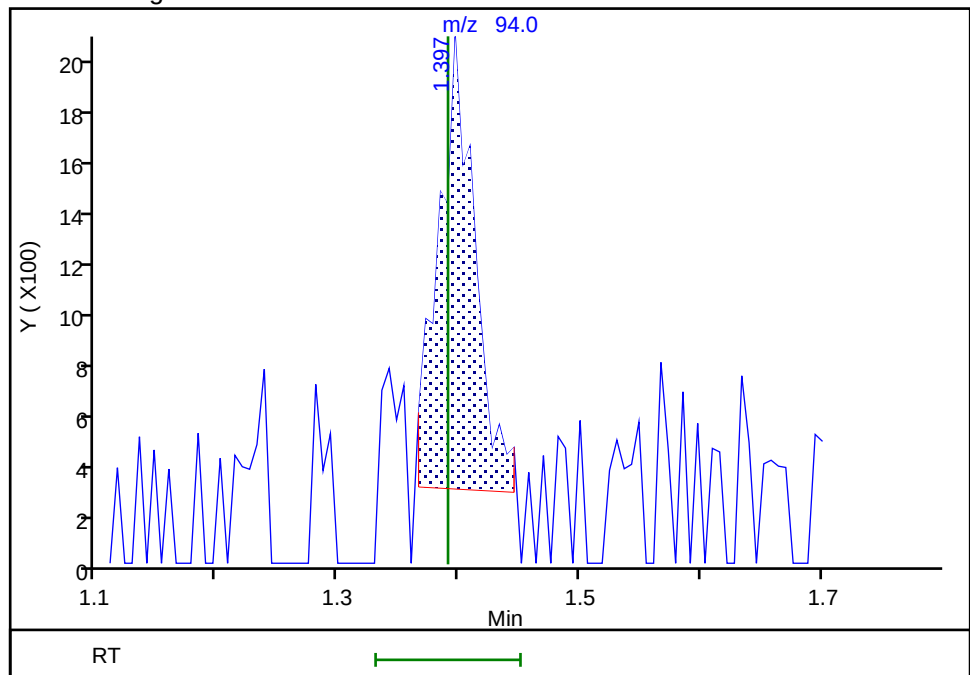
RT: 1.40
Area: 5177
Amount: 0.700116
Amount Units: ug/L

Processing Integration Results



RT: 1.40
Area: 3723
Amount: 0.529513
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:51:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

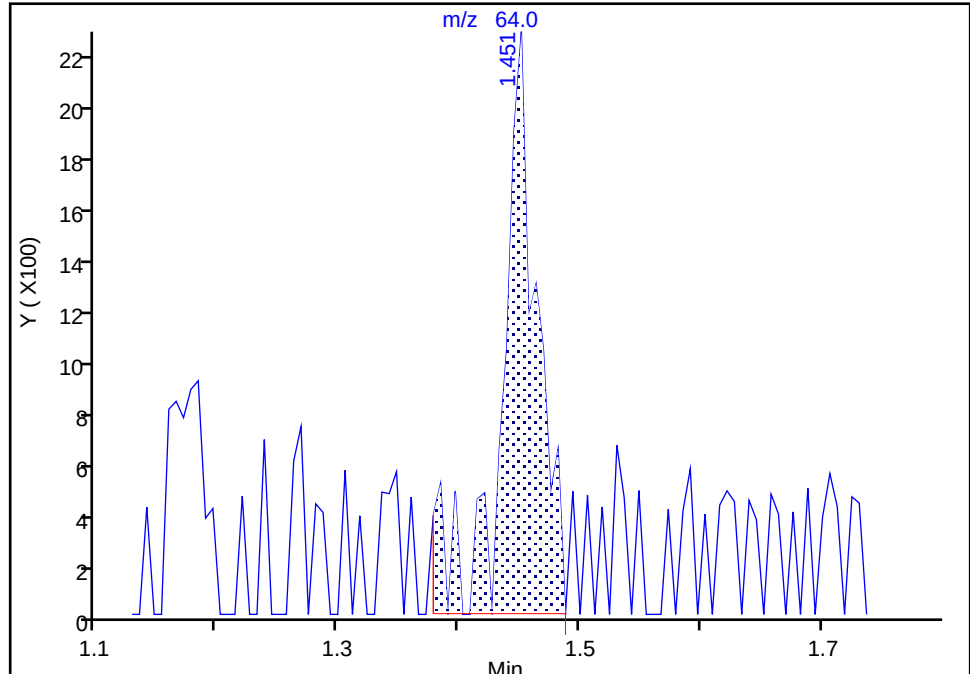
MS SCAN

15 Chloroethane, CAS: 75-00-3

Signal: 1

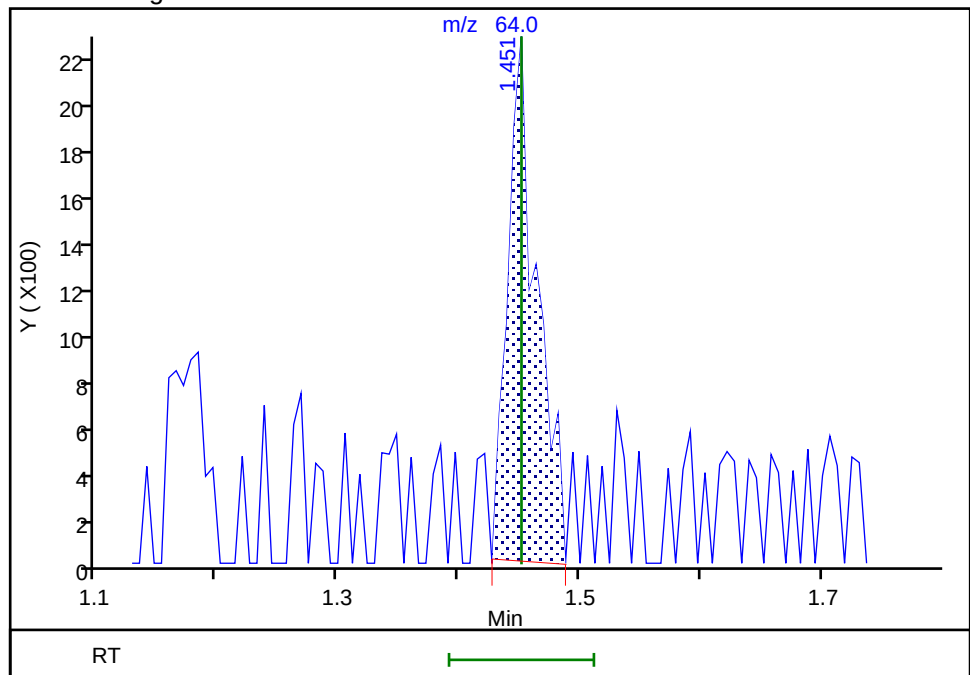
RT: 1.45
Area: 4585
Amount: 0.595458
Amount Units: ug/L

Processing Integration Results



RT: 1.45
Area: 3728
Amount: 0.514639
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:51:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

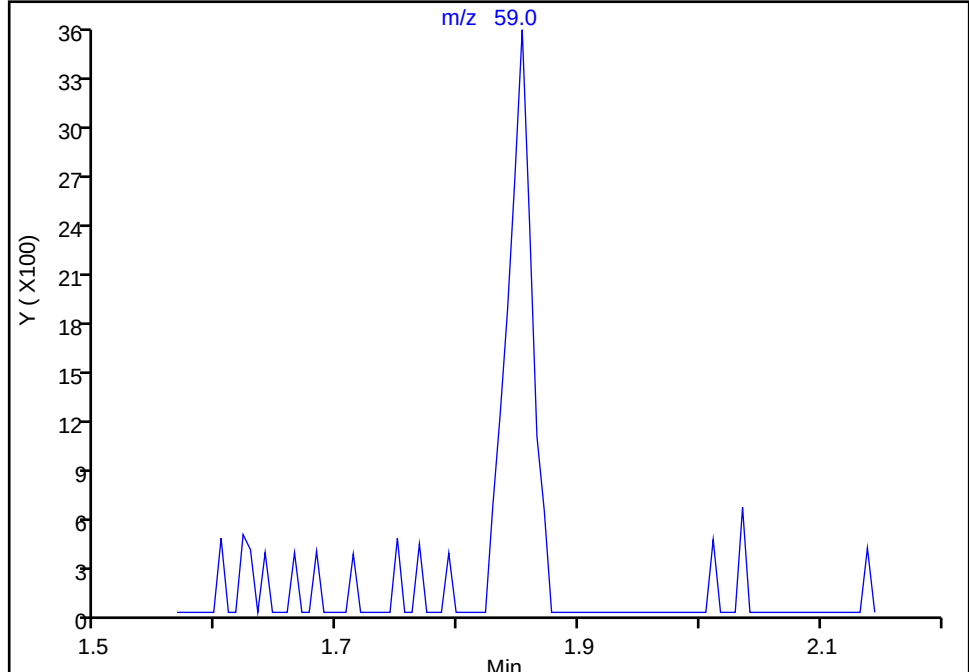
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

18 Ethyl ether, CAS: 60-29-7

Signal: 1

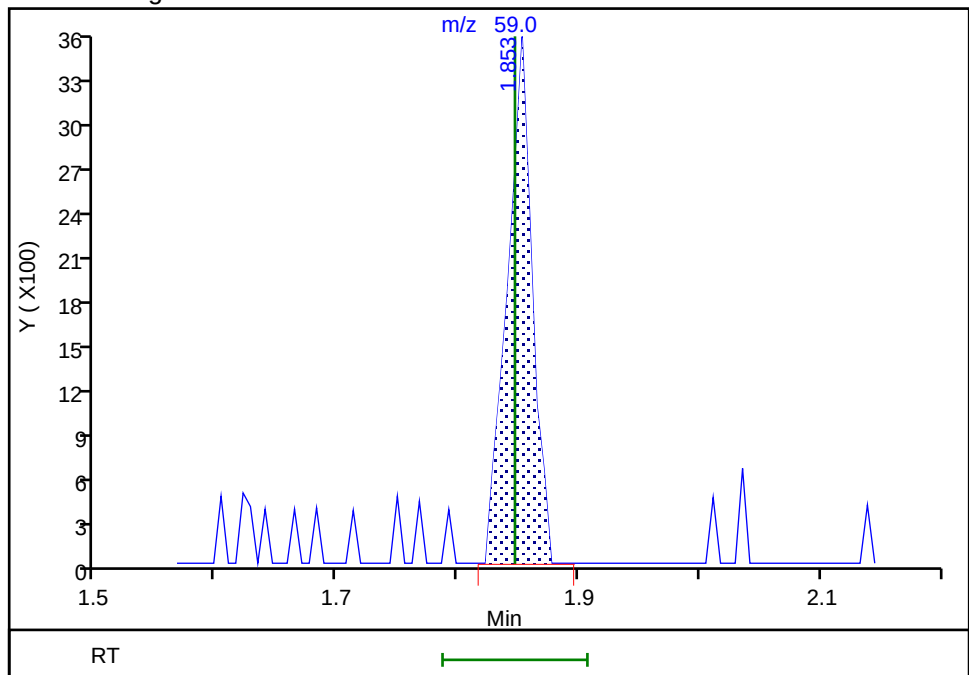
Not Detected
Expected RT: 1.85

Processing Integration Results



RT: 1.85
Area: 5068
Amount: 0.559502
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 10:57:49 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

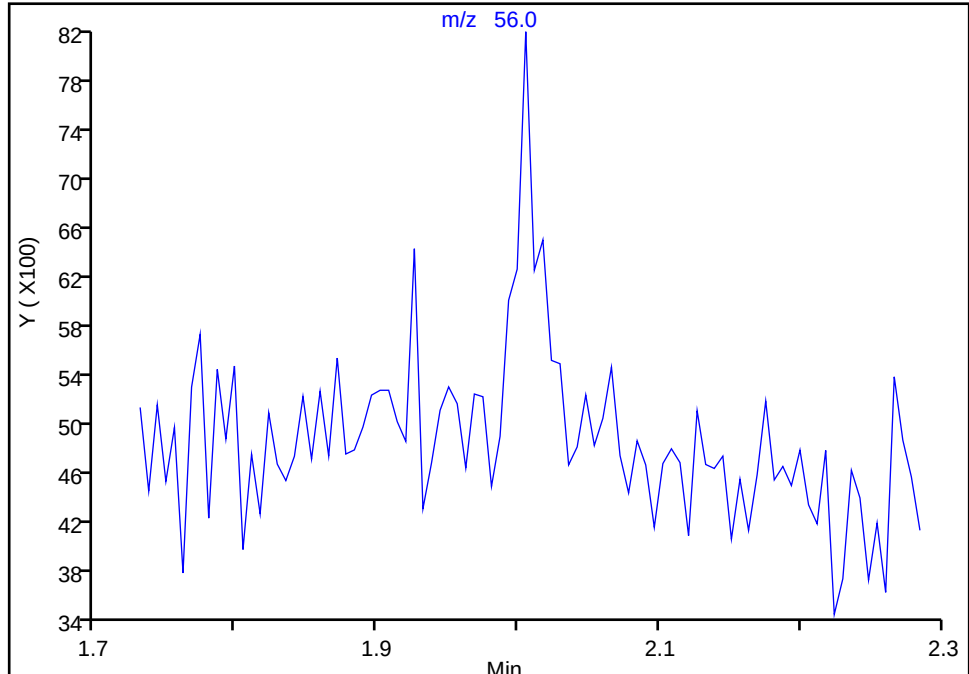
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

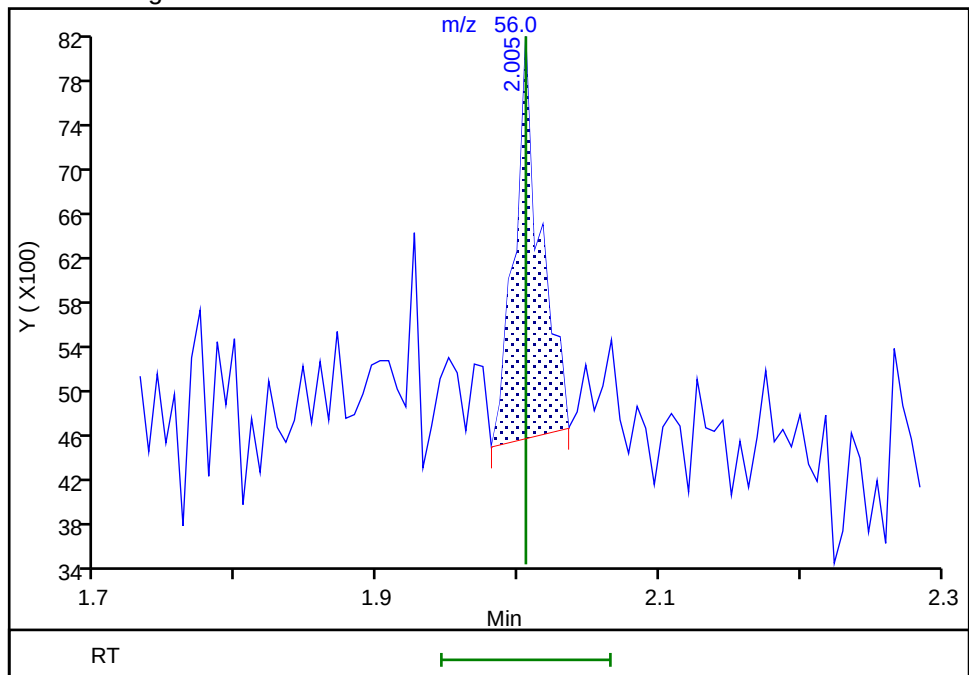
Not Detected
Expected RT: 2.01

Processing Integration Results



RT: 2.01
Area: 4495
Amount: 3.248976
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 10:58:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

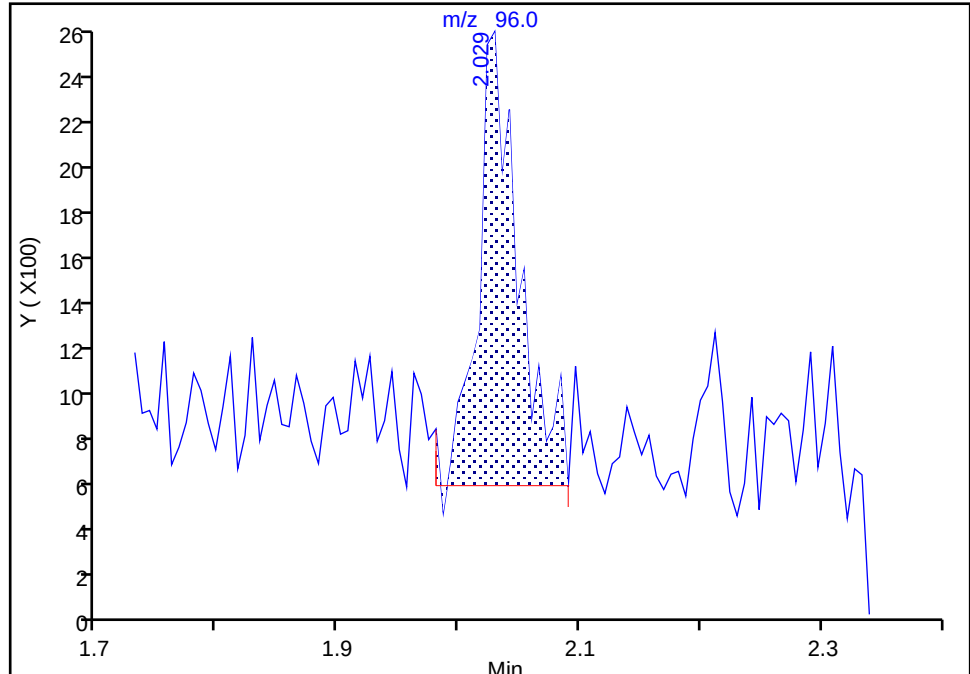
Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

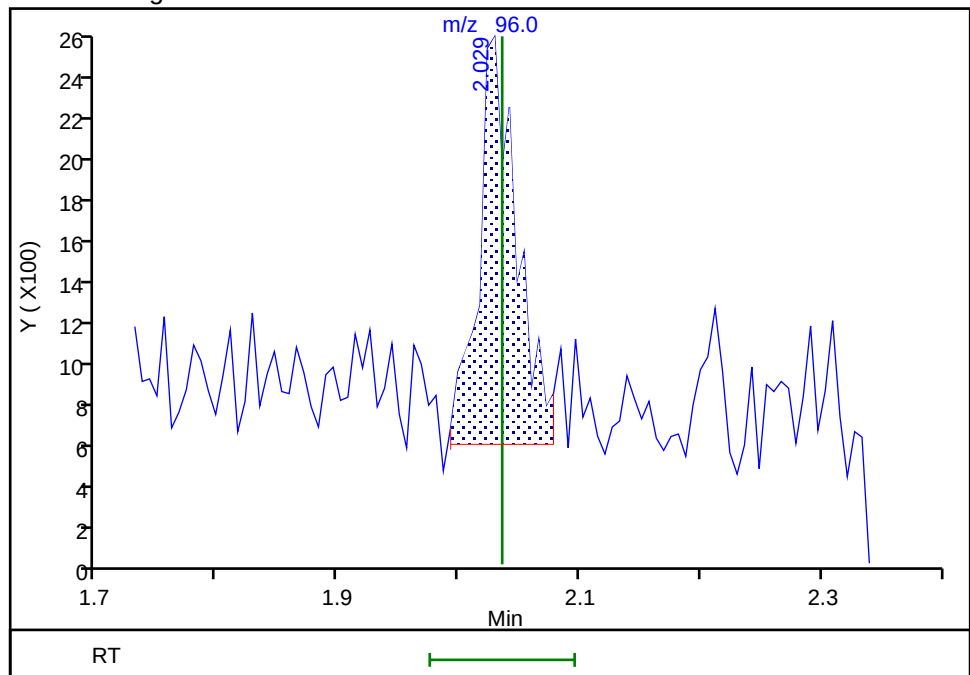
RT: 2.03
Area: 4566
Amount: 0.566929
Amount Units: ug/L

Processing Integration Results



RT: 2.03
Area: 4266
Amount: 0.534220
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:52:01 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

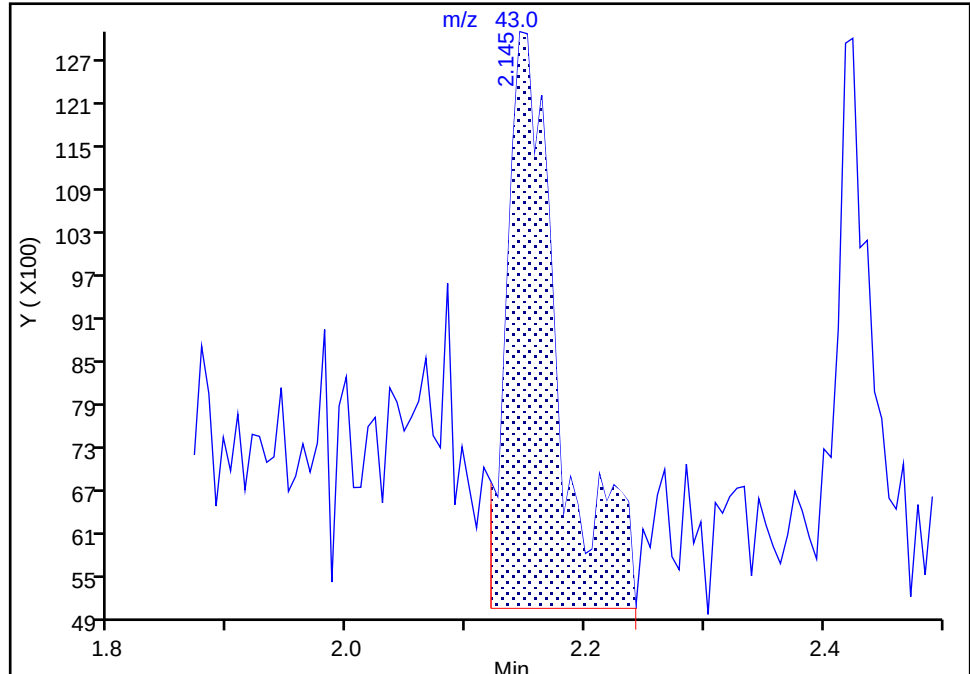
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

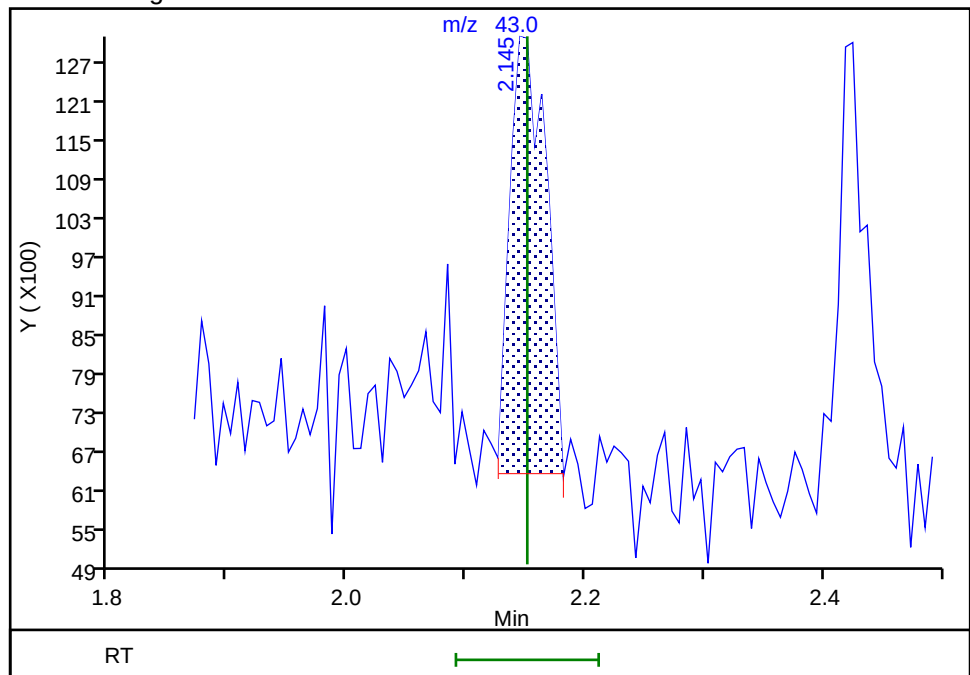
RT: 2.14
Area: 24432
Amount: 4.801707
Amount Units: ug/L

Processing Integration Results



RT: 2.14
Area: 14261
Amount: 3.227230
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:52:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

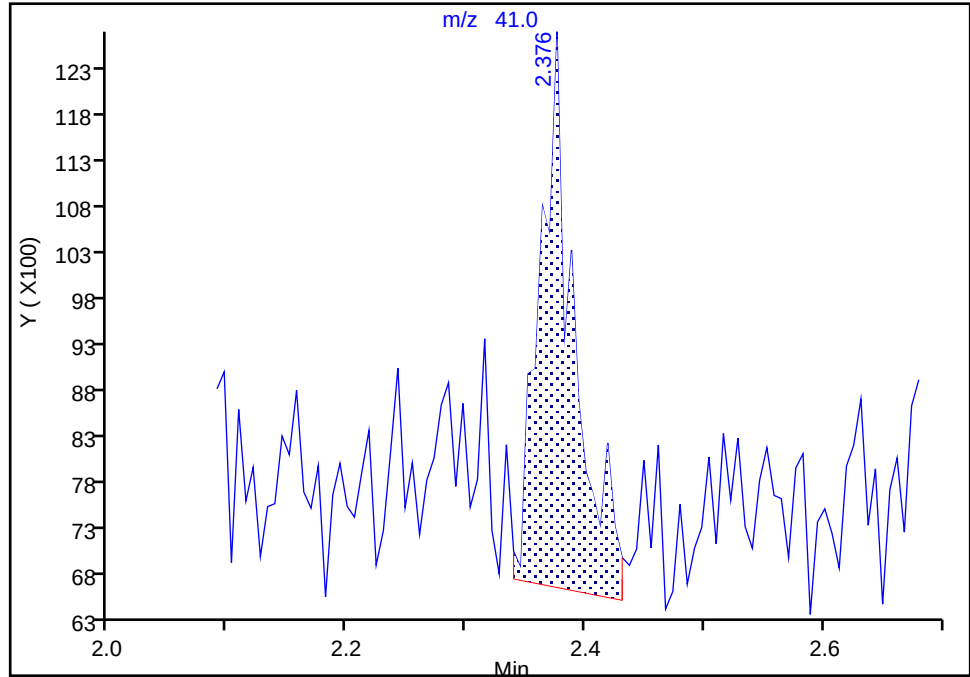
MS SCAN

28 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

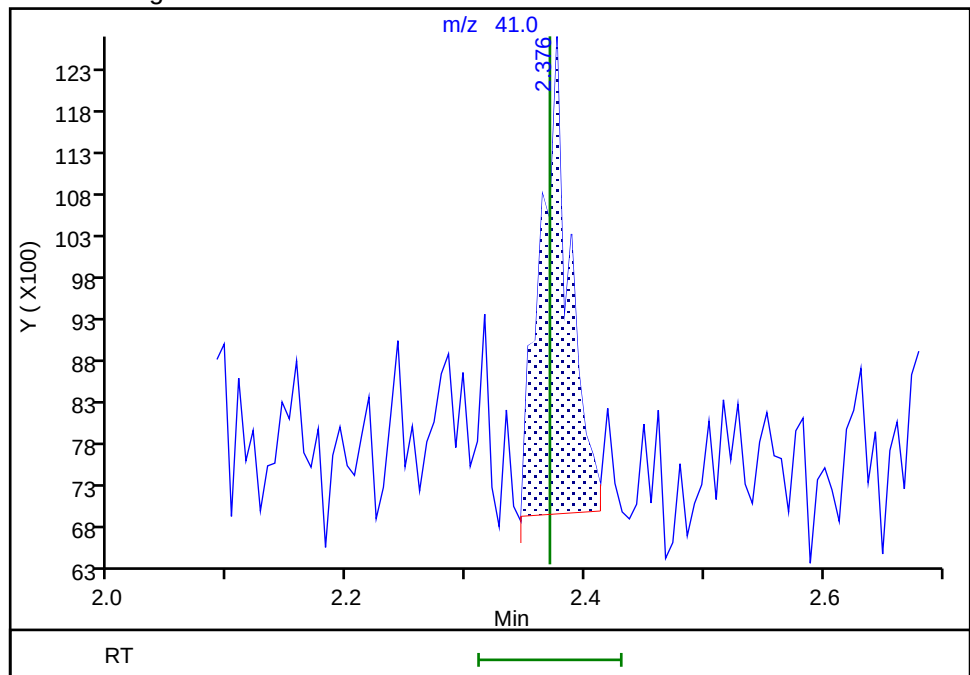
RT: 2.38
Area: 11986
Amount: 0.621598
Amount Units: ug/L

Processing Integration Results



RT: 2.38
Area: 9534
Amount: 0.510671
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:52:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

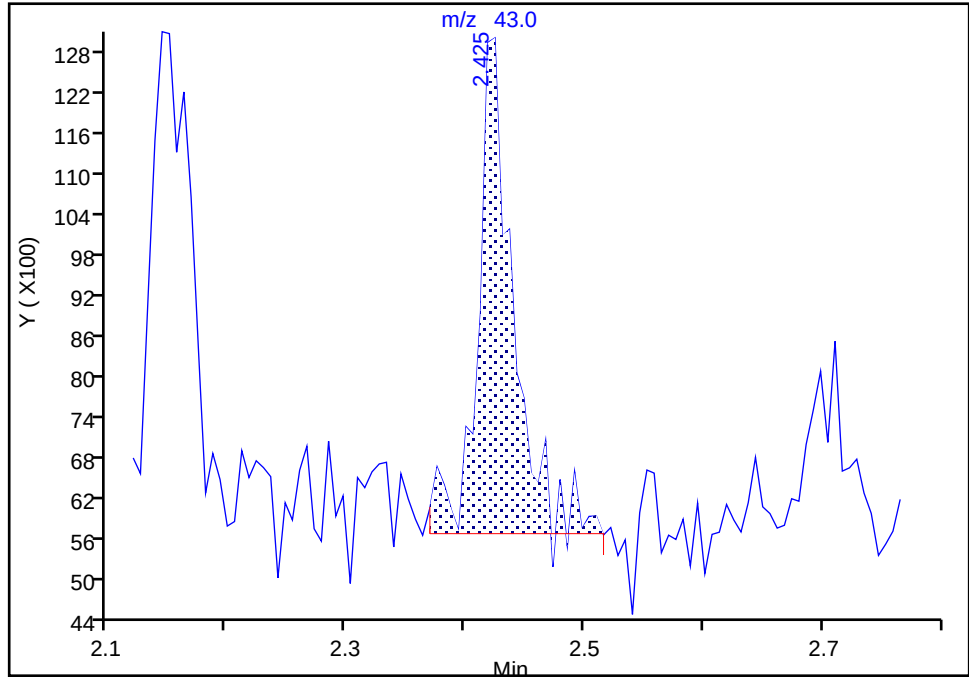
Detector: MS SCAN

27 Methyl acetate, CAS: 79-20-9

Signal: 1

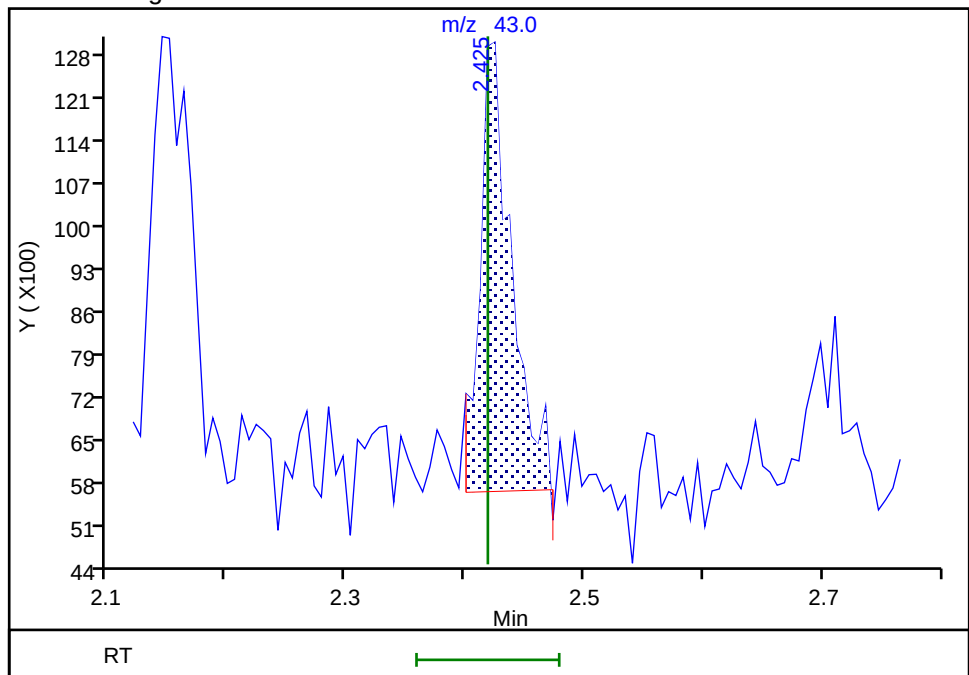
RT: 2.42
Area: 15266
Amount: 1.268953
Amount Units: ug/L

Processing Integration Results



RT: 2.42
Area: 13479
Amount: 1.163704
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:52:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

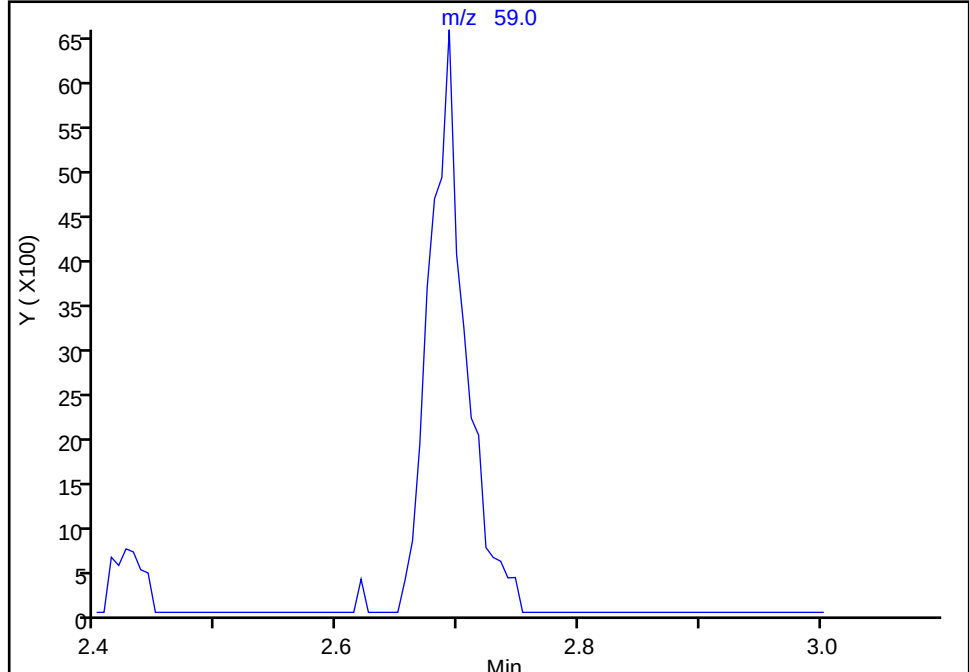
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

31 2-Methyl-2-propanol, CAS: 75-65-0

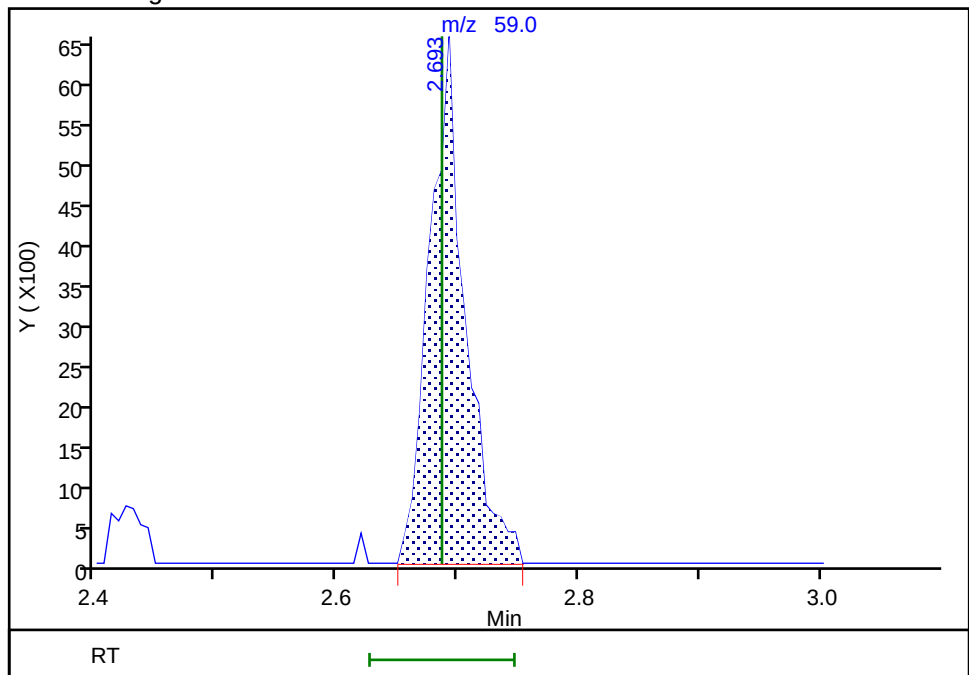
Signal: 1

Not Detected
Expected RT: 2.69

Processing Integration Results



Manual Integration Results



RT: 2.69
Area: 13515
Amount: 8.238205
Amount Units: ug/L

Reviewer: WLL8, 18-May-2025 11:16:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

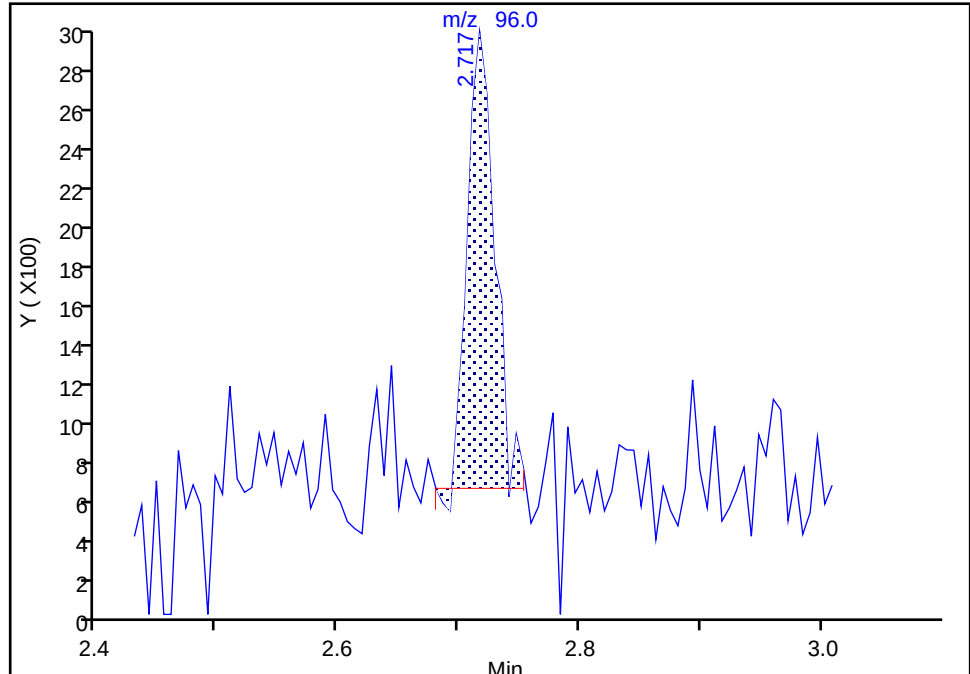
MS SCAN

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

Signal: 1

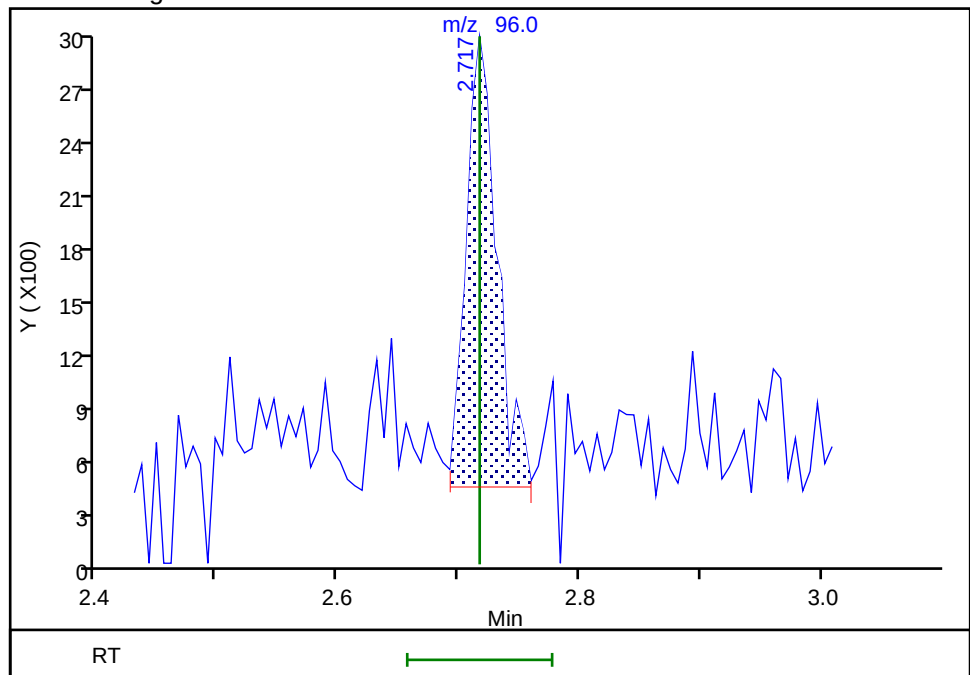
RT: 2.72
Area: 3624
Amount: 0.403436
Amount Units: ug/L

Processing Integration Results



RT: 2.72
Area: 4488
Amount: 0.487887
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:52:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

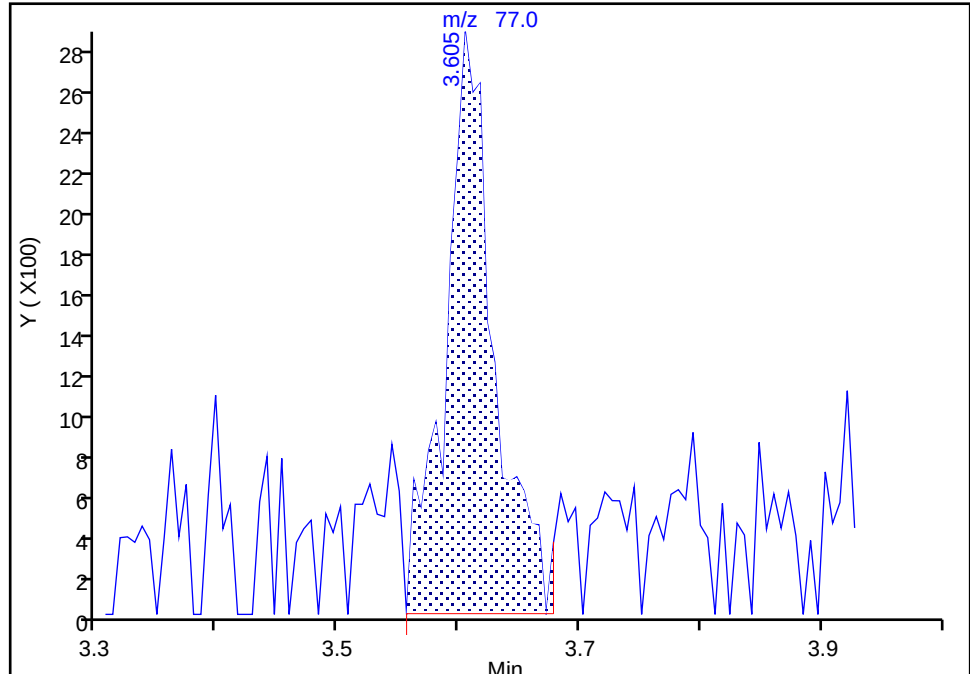
MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

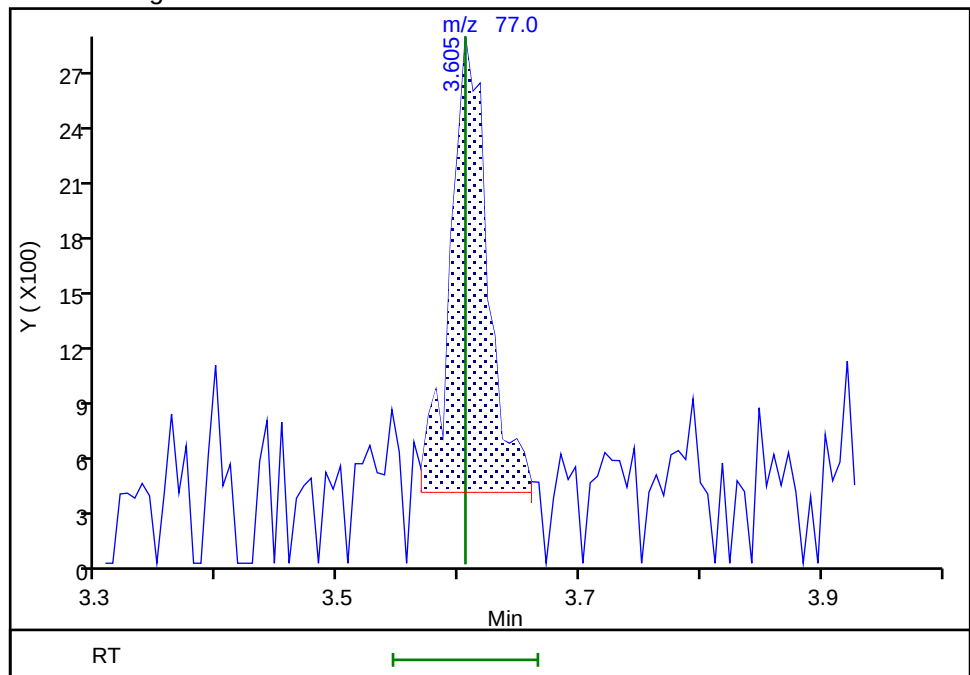
RT: 3.61
Area: 8134
Amount: 0.741690
Amount Units: ug/L

Processing Integration Results



RT: 3.61
Area: 5306
Amount: 0.517162
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:53:01 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

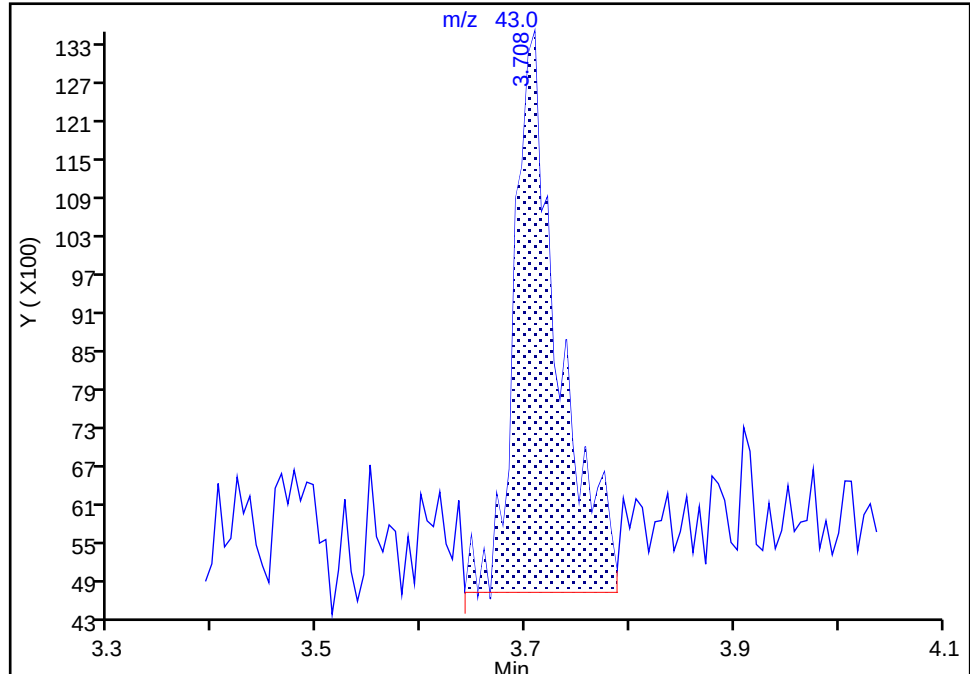
MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

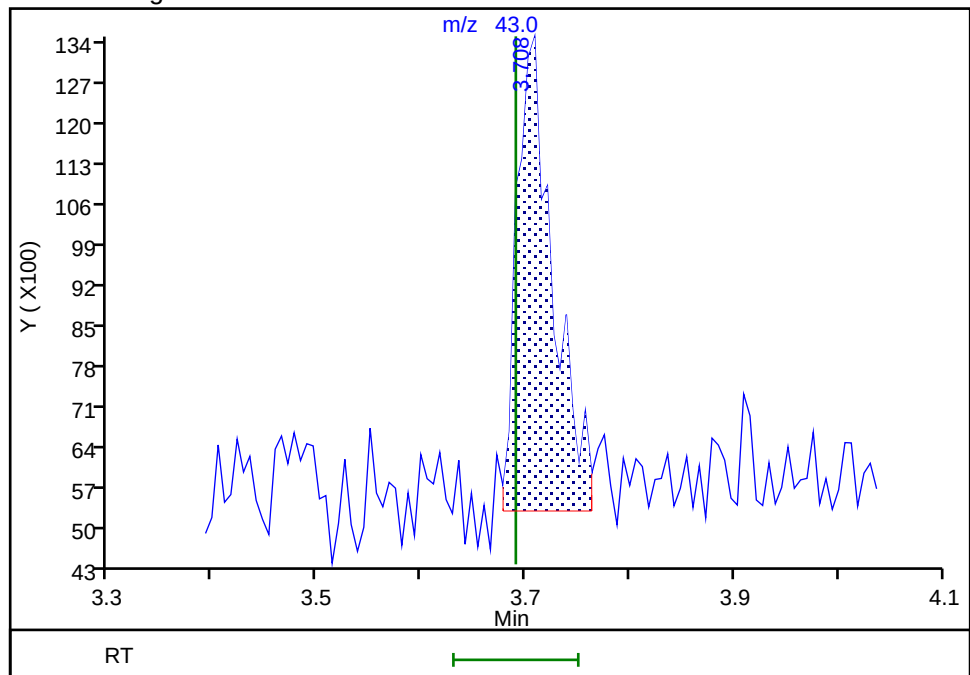
RT: 3.71
Area: 25894
Amount: 3.688304
Amount Units: ug/L

Processing Integration Results



RT: 3.71
Area: 19897
Amount: 2.840961
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:53:11 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

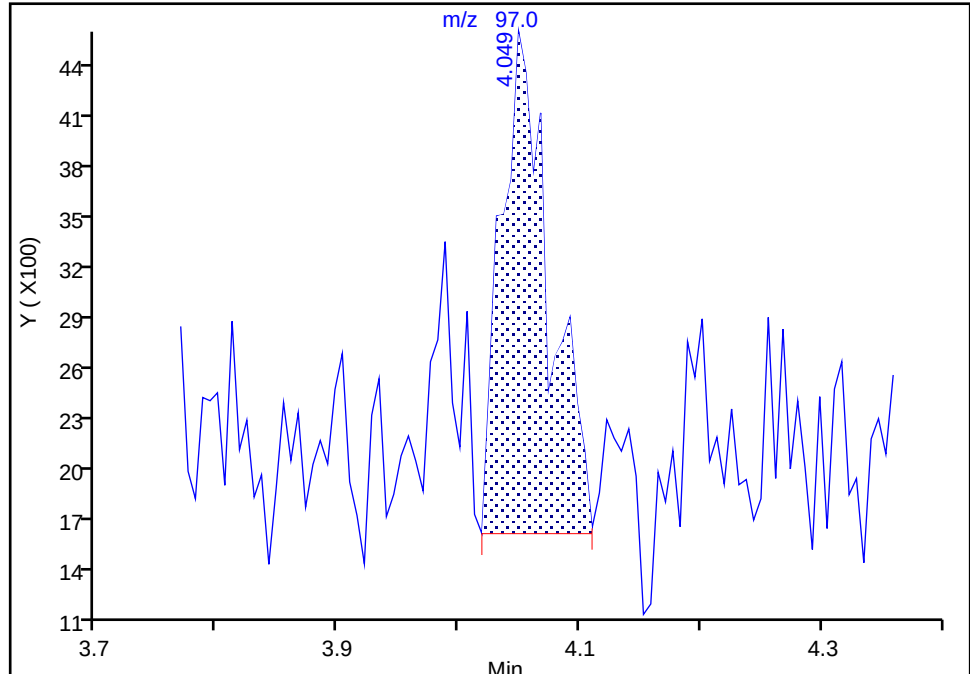
Detector: MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

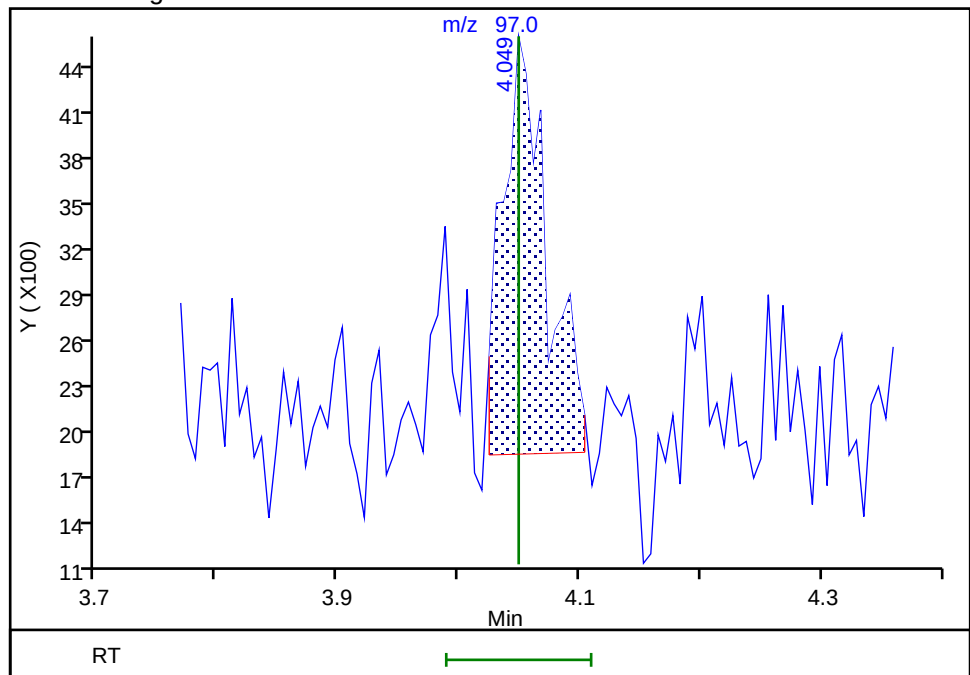
RT: 4.05
Area: 8294
Amount: 0.584460
Amount Units: ug/L

Processing Integration Results



RT: 4.05
Area: 7072
Amount: 0.502471
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:53:35 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

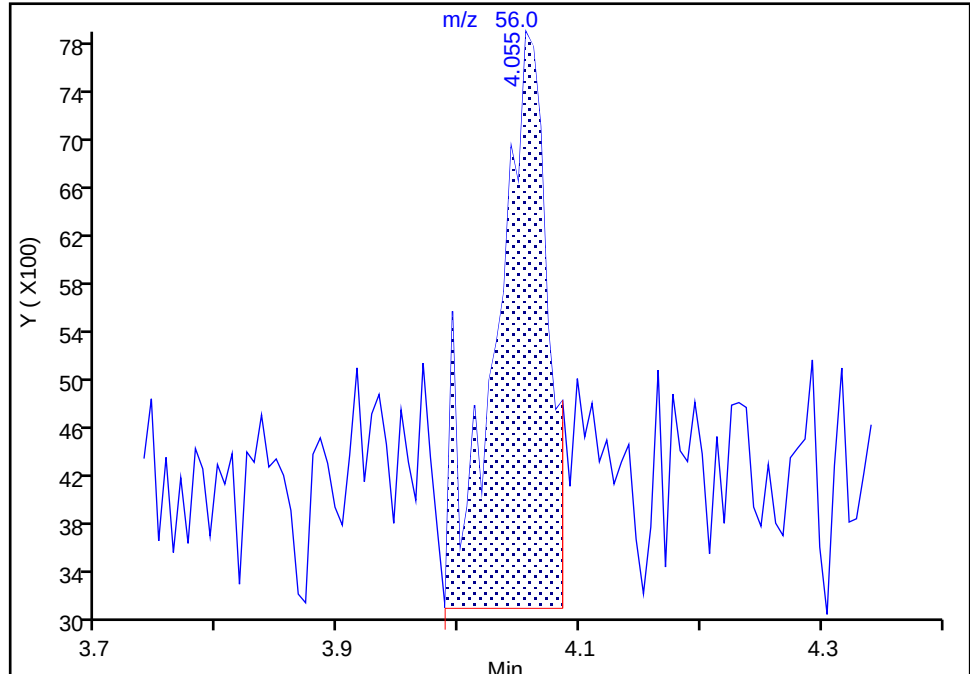
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

52 Cyclohexane, CAS: 110-82-7

Signal: 1

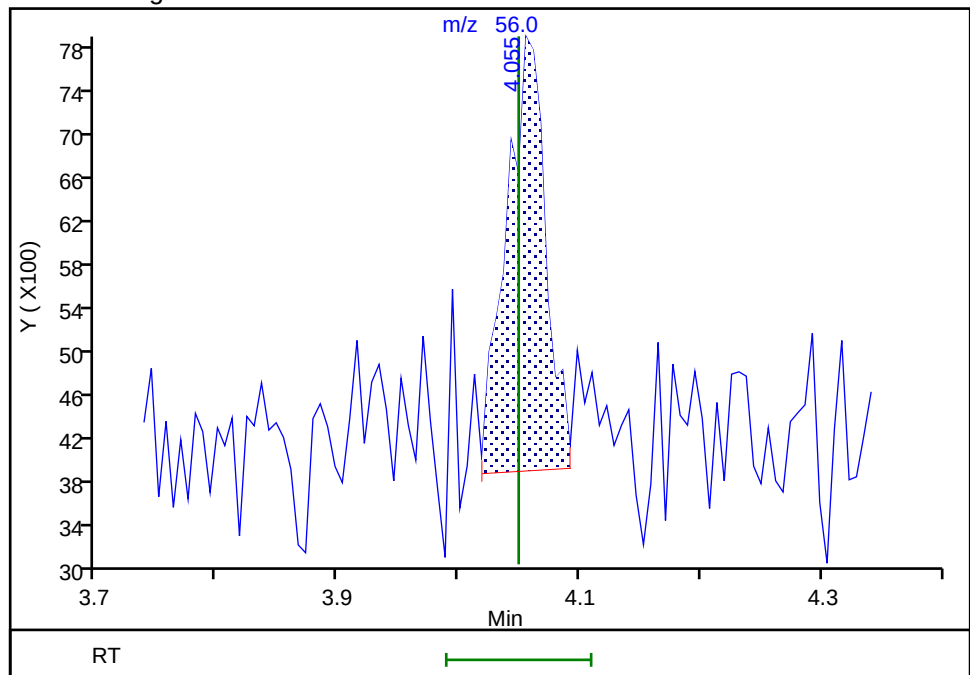
RT: 4.06
Area: 14223
Amount: 0.632440
Amount Units: ug/L

Processing Integration Results



RT: 4.06
Area: 8953
Amount: 0.479744
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:53:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

MS SCAN

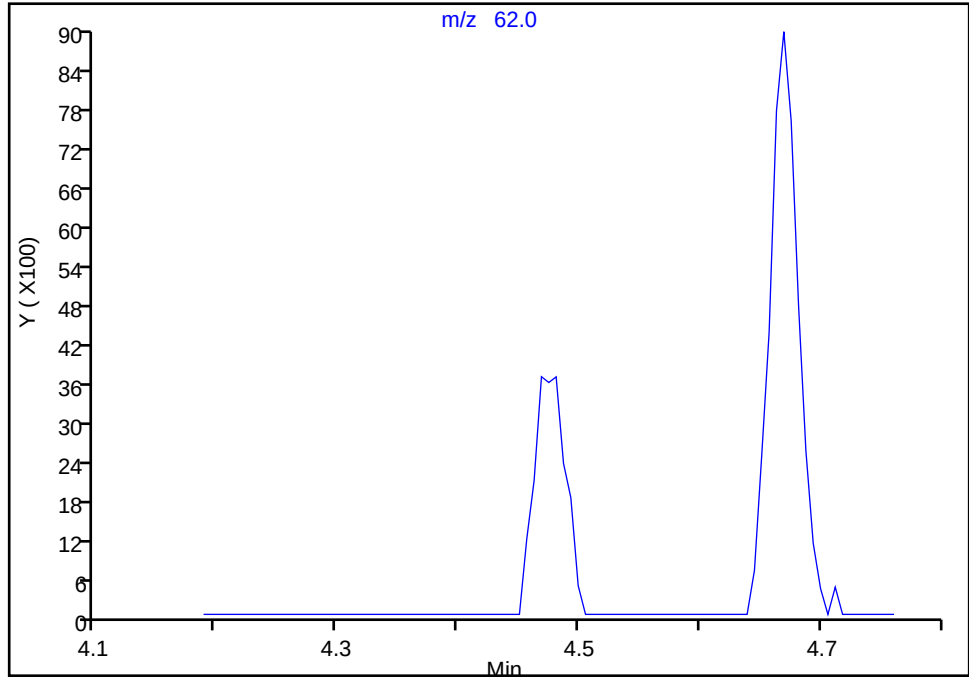
58 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

Not Detected

Expected RT: 4.48

Processing Integration Results



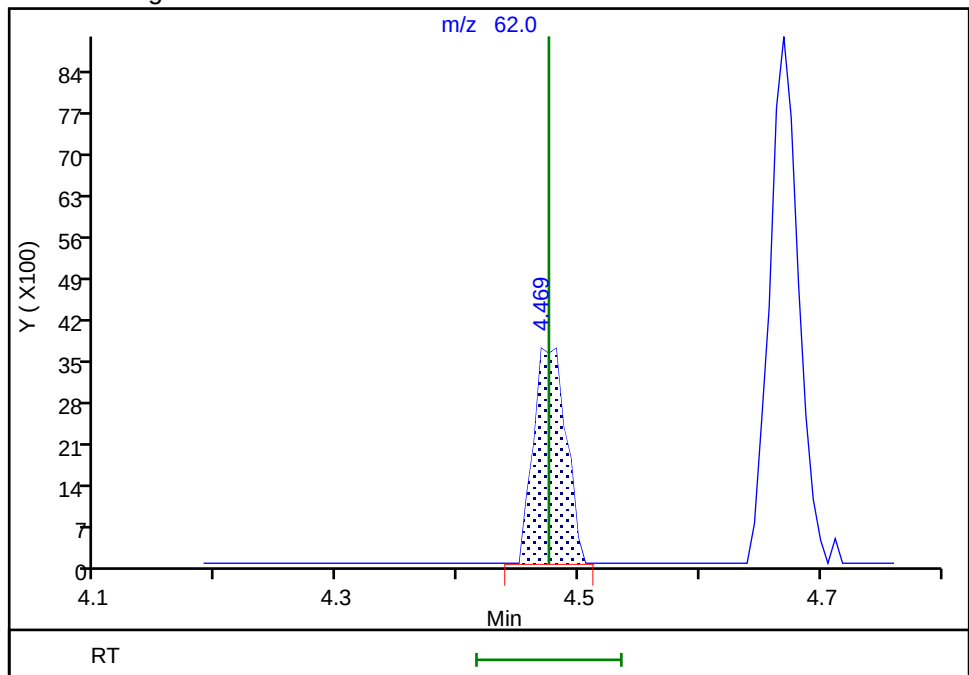
RT: 4.47

Area: 6812

Amount: 0.492098

Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 11:16:53 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Buffalo

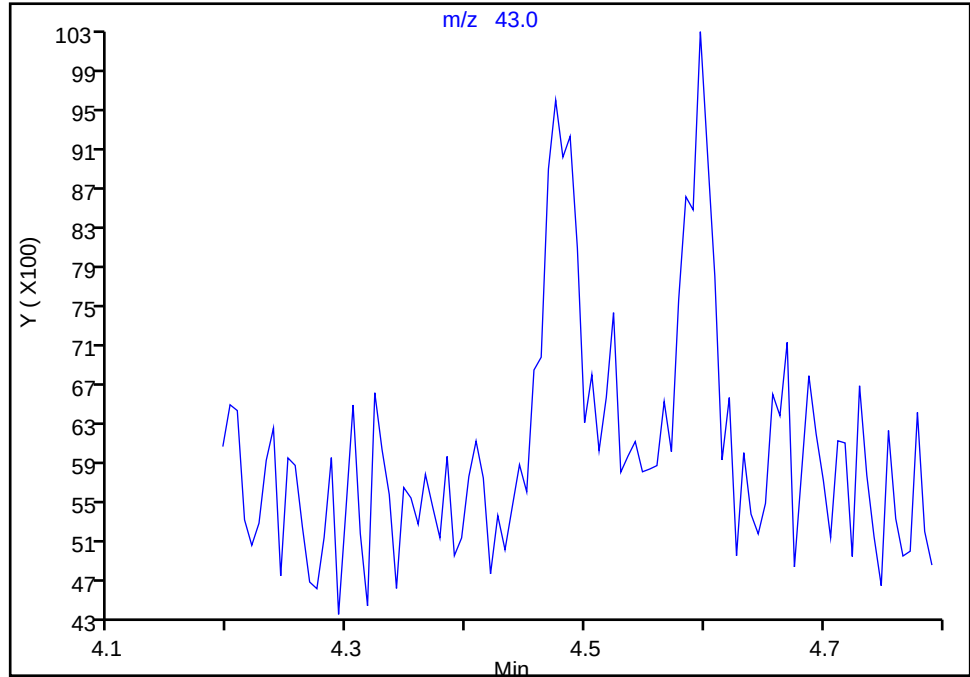
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

53 Isobutyl alcohol, CAS: 78-83-1

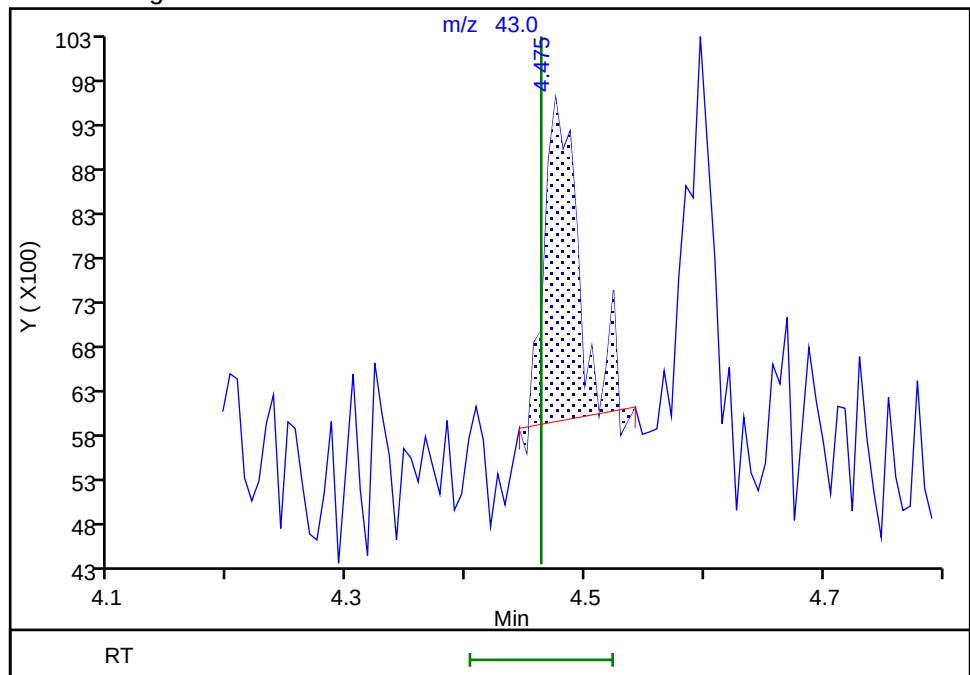
Signal: 1

Not Detected
Expected RT: 4.46

Processing Integration Results



Manual Integration Results



Reviewer: WLL8, 18-May-2025 11:16:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

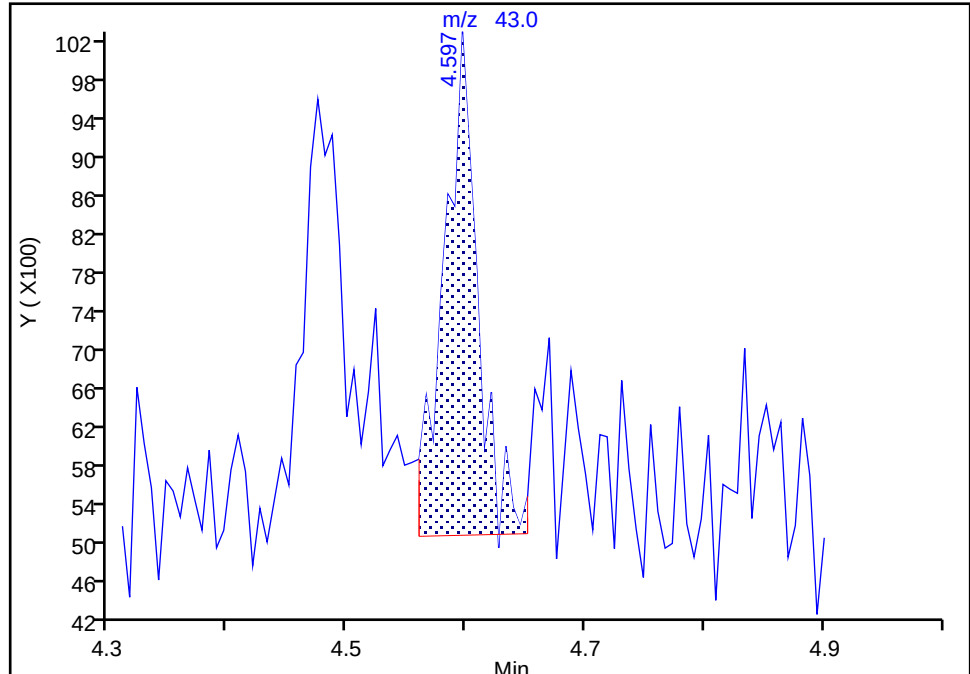
Detector: MS SCAN

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

Signal: 1

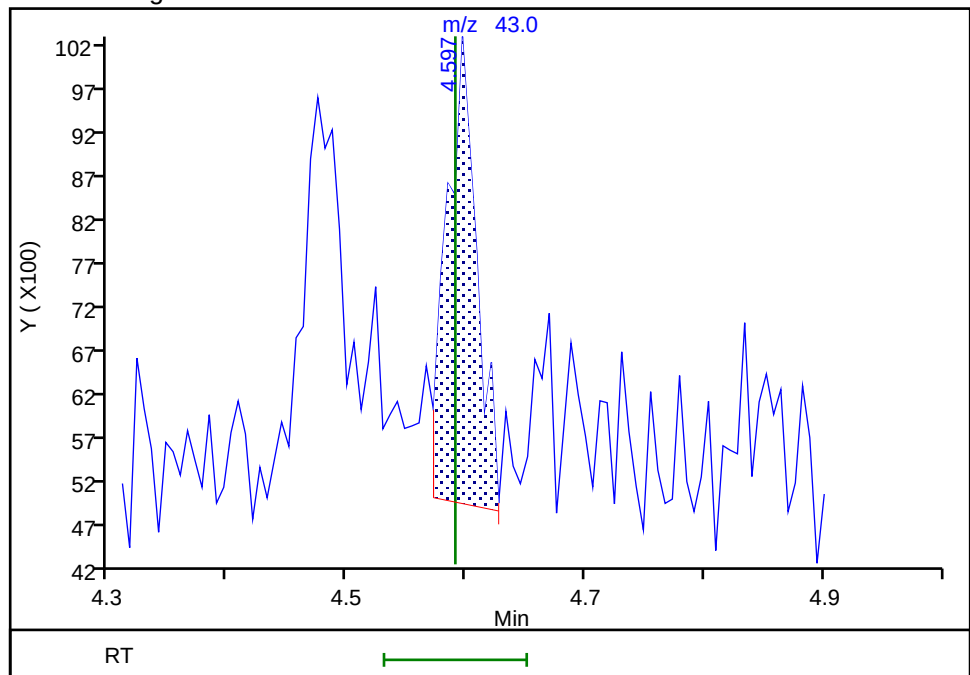
RT: 4.60
Area: 10360
Amount: 0.619140
Amount Units: ug/L

Processing Integration Results



RT: 4.60
Area: 9394
Amount: 0.569631
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:53:49 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

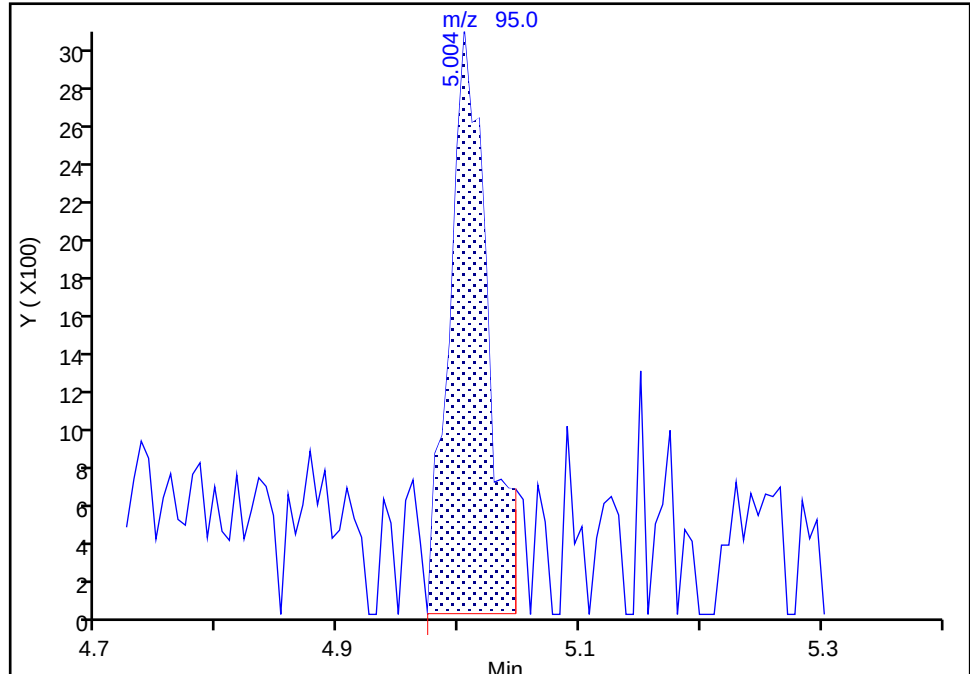
Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6

Signal: 1

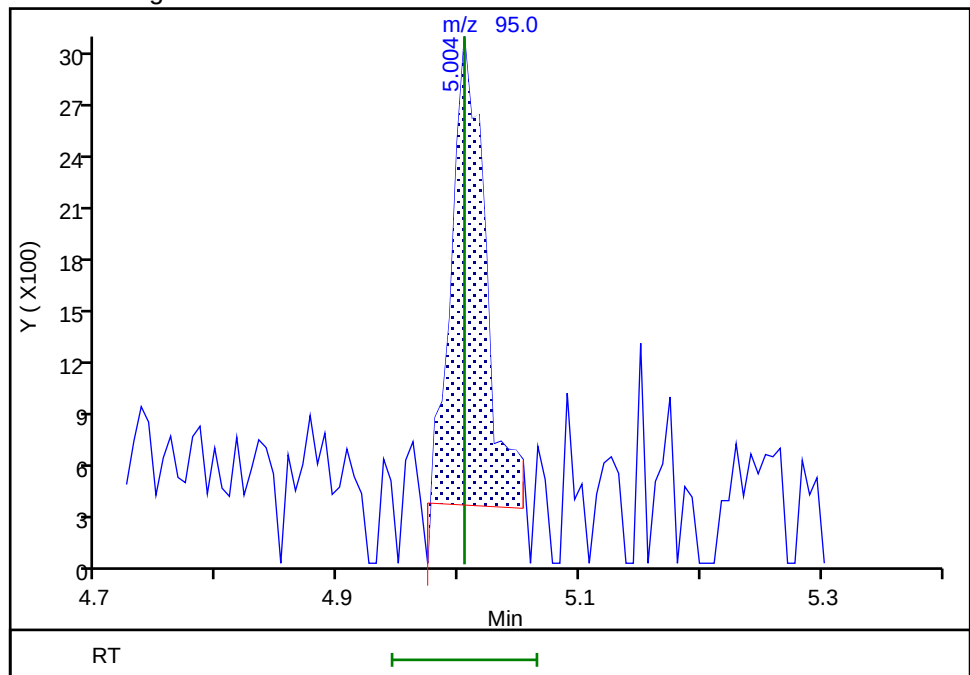
RT: 5.00
Area: 6682
Amount: 0.592708
Amount Units: ug/L

Processing Integration Results



RT: 5.00
Area: 5205
Amount: 0.546505
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:53:57 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

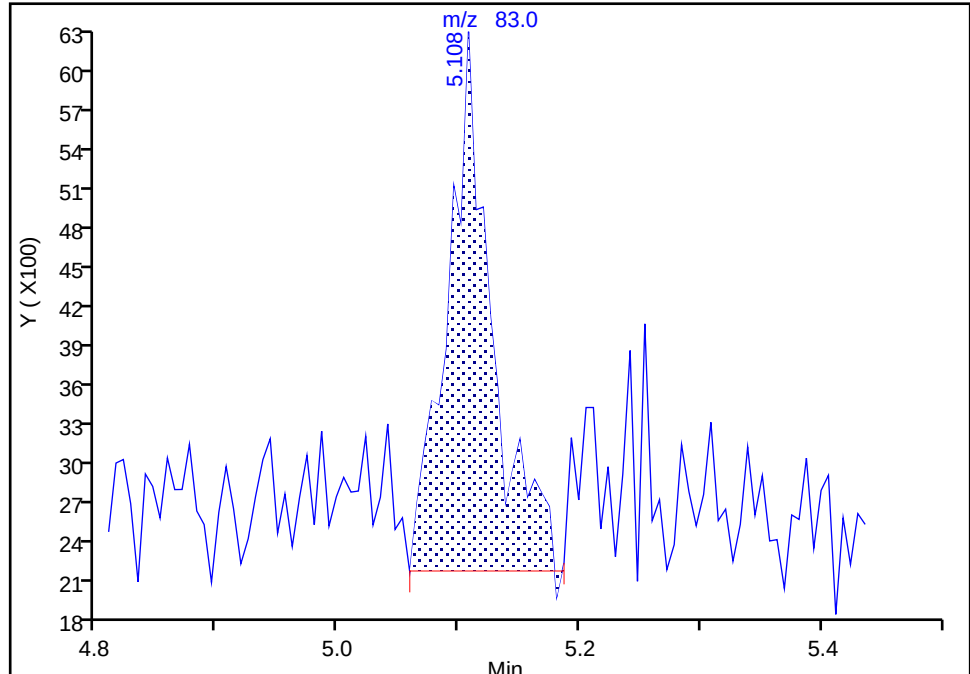
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

Signal: 1

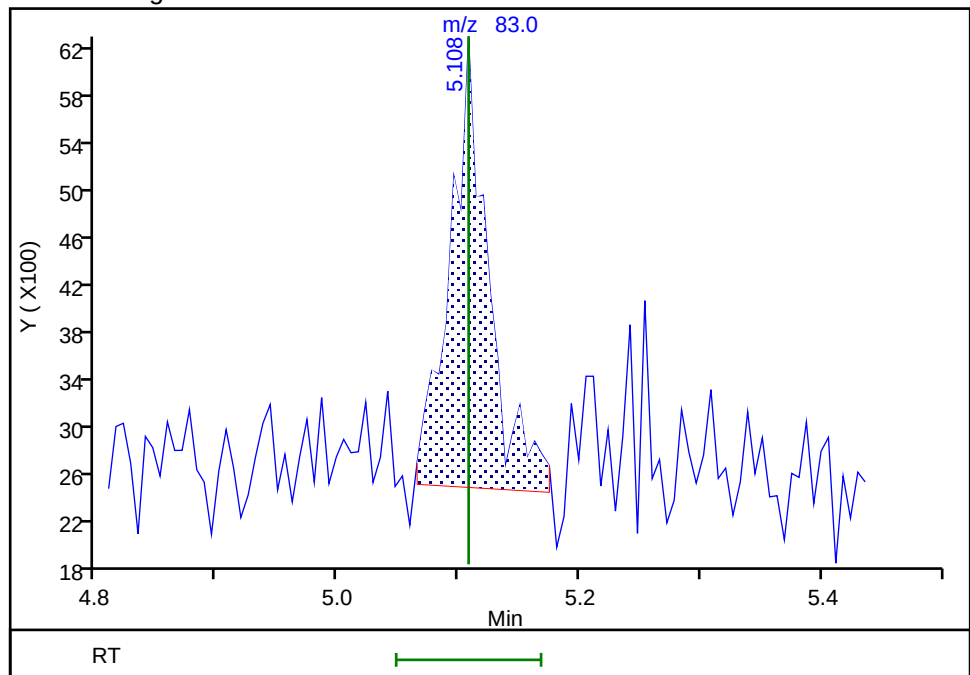
RT: 5.11
Area: 10526
Amount: 0.604041
Amount Units: ug/L

Processing Integration Results



RT: 5.11
Area: 8424
Amount: 0.498448
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:54:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

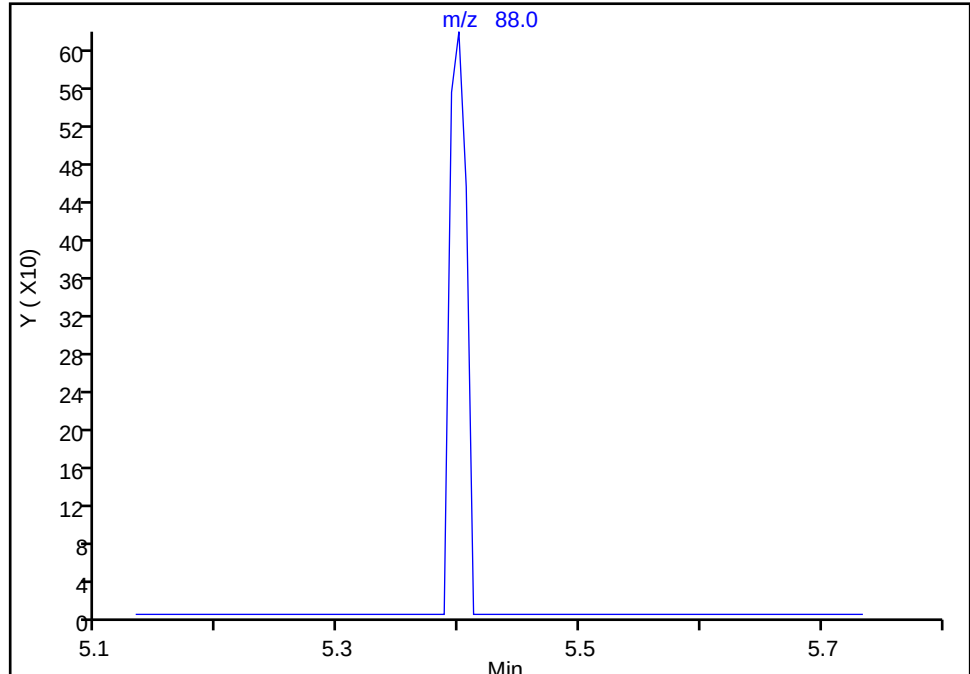
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

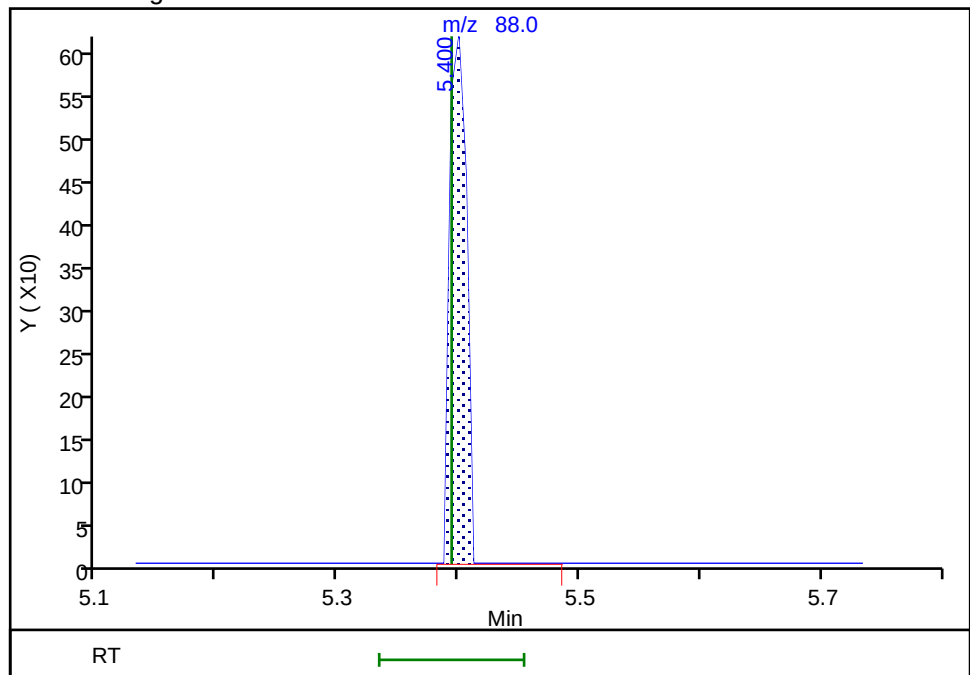
Not Detected
Expected RT: 5.39

Processing Integration Results



RT: 5.40
Area: 591
Amount: 6.736245
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 11:17:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

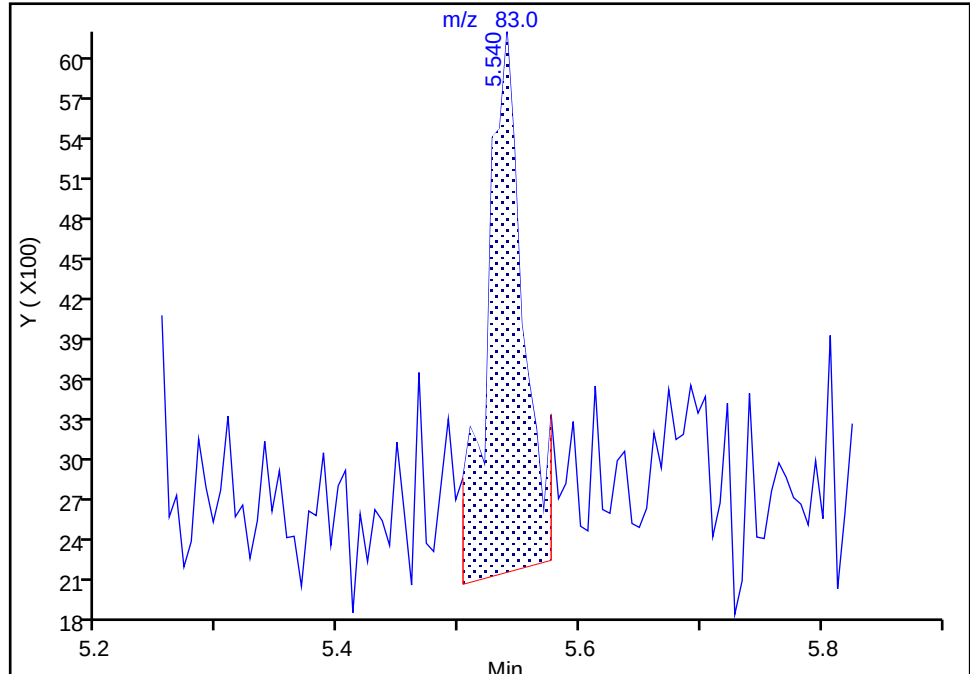
MS SCAN

68 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

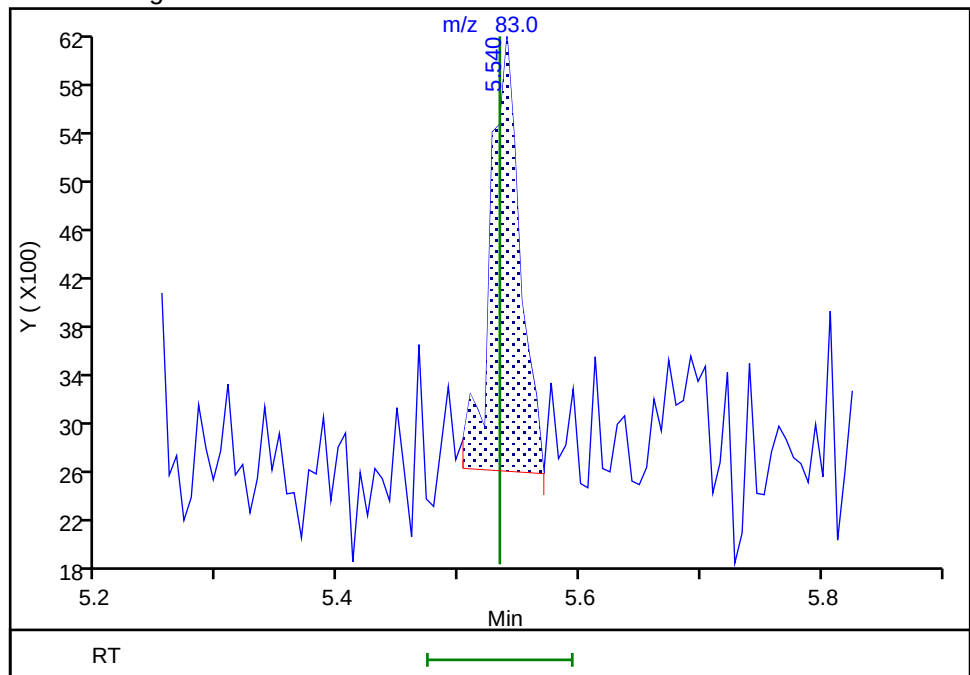
RT: 5.54
Area: 8466
Amount: 0.637260
Amount Units: ug/L

Processing Integration Results



RT: 5.54
Area: 6076
Amount: 0.495051
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:54:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

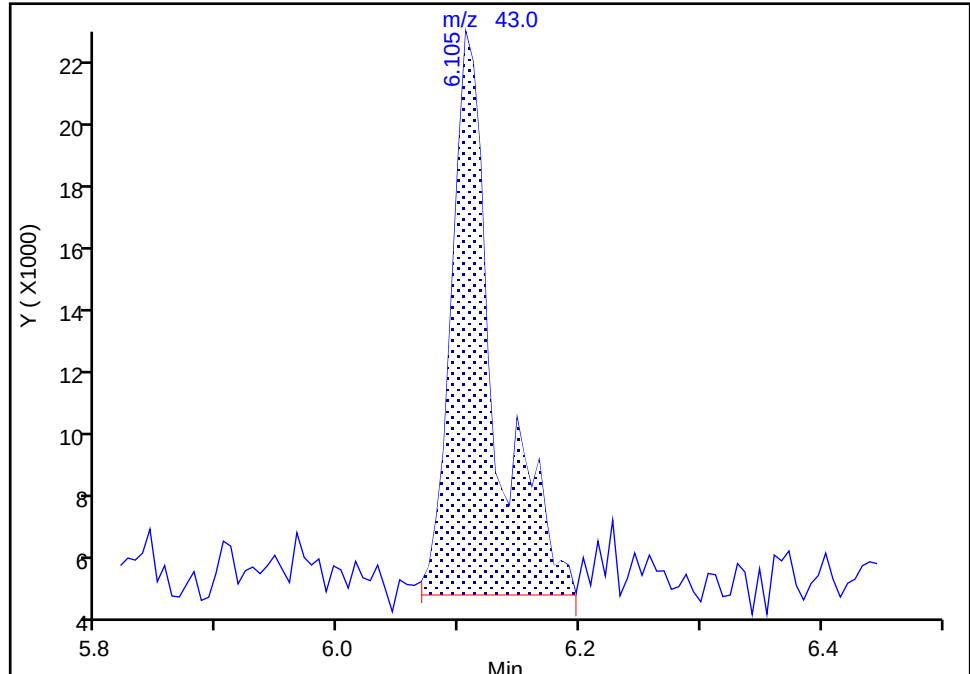
MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

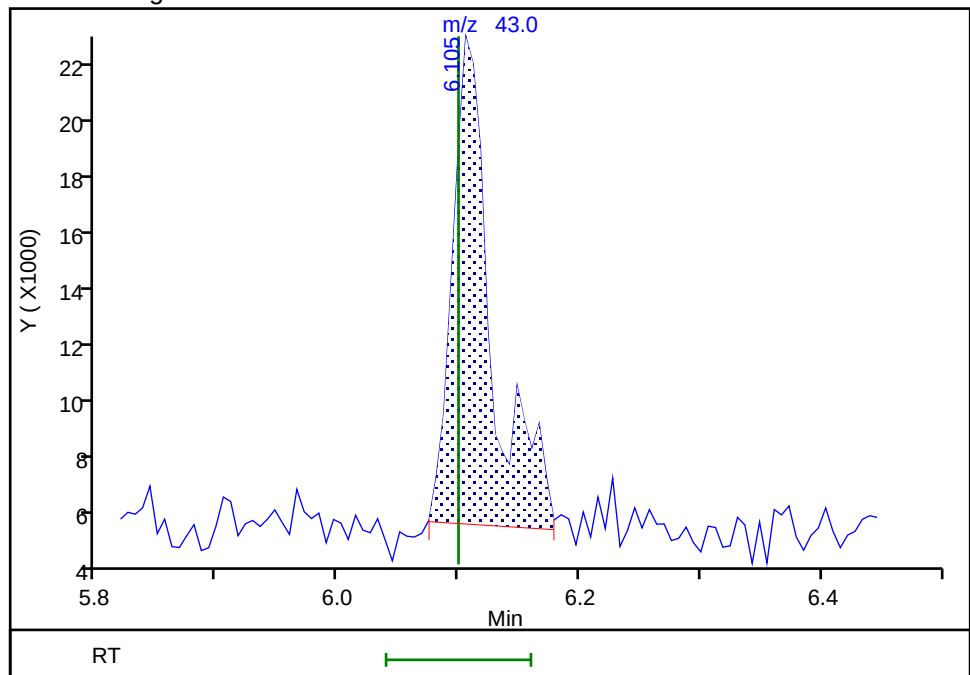
RT: 6.11
Area: 43194
Amount: 3.134039
Amount Units: ug/L

Processing Integration Results



RT: 6.11
Area: 38134
Amount: 2.818641
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:54:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

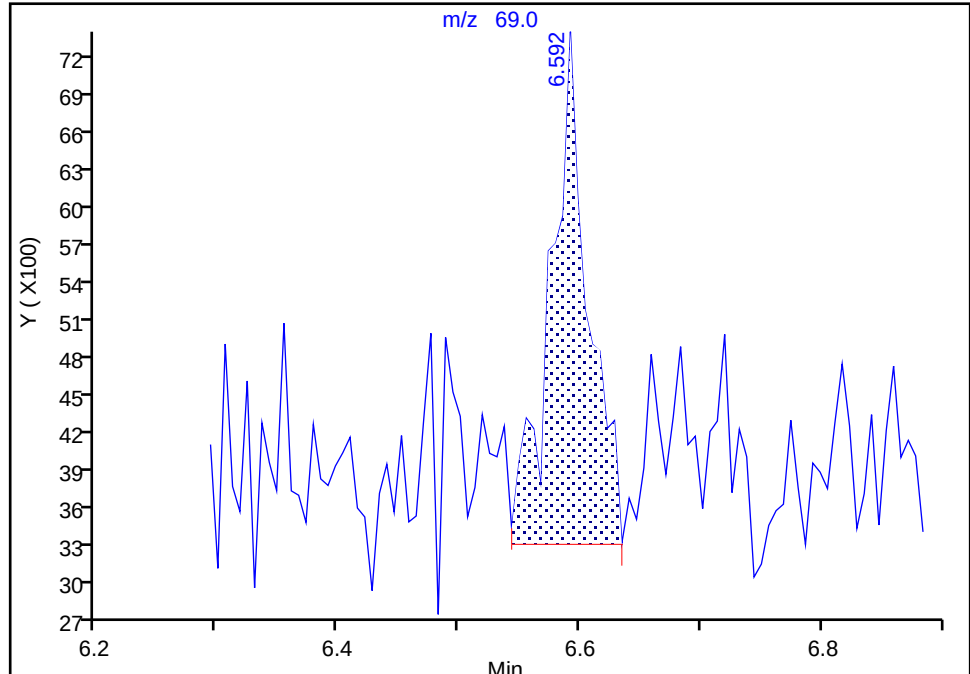
Detector: MS SCAN

75 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

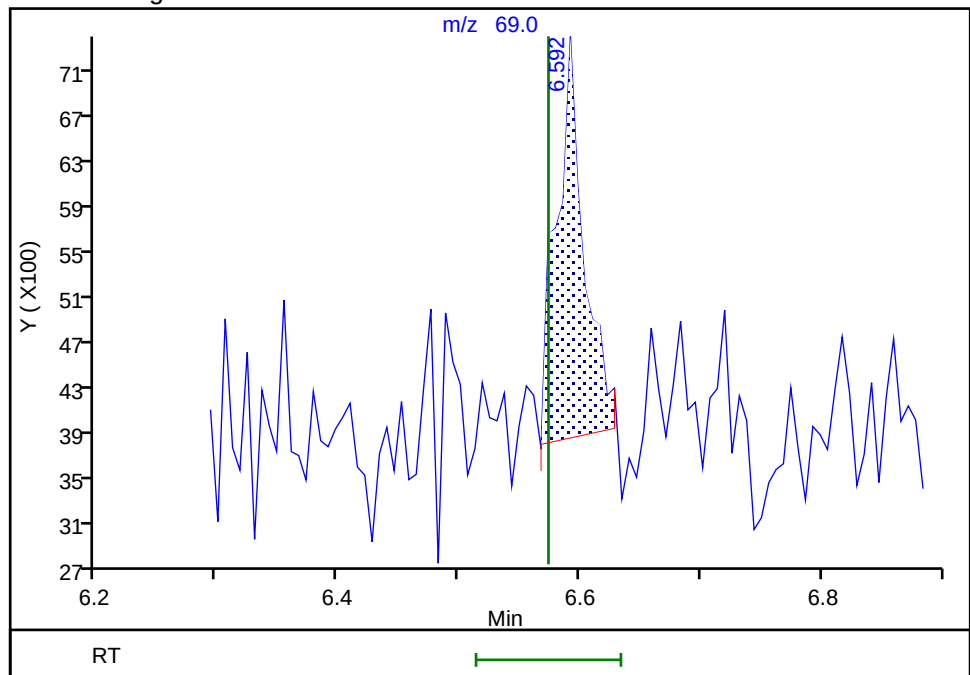
RT: 6.59
Area: 8764
Amount: 0.647960
Amount Units: ug/L

Processing Integration Results



RT: 6.59
Area: 5568
Amount: 0.407863
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:54:47 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

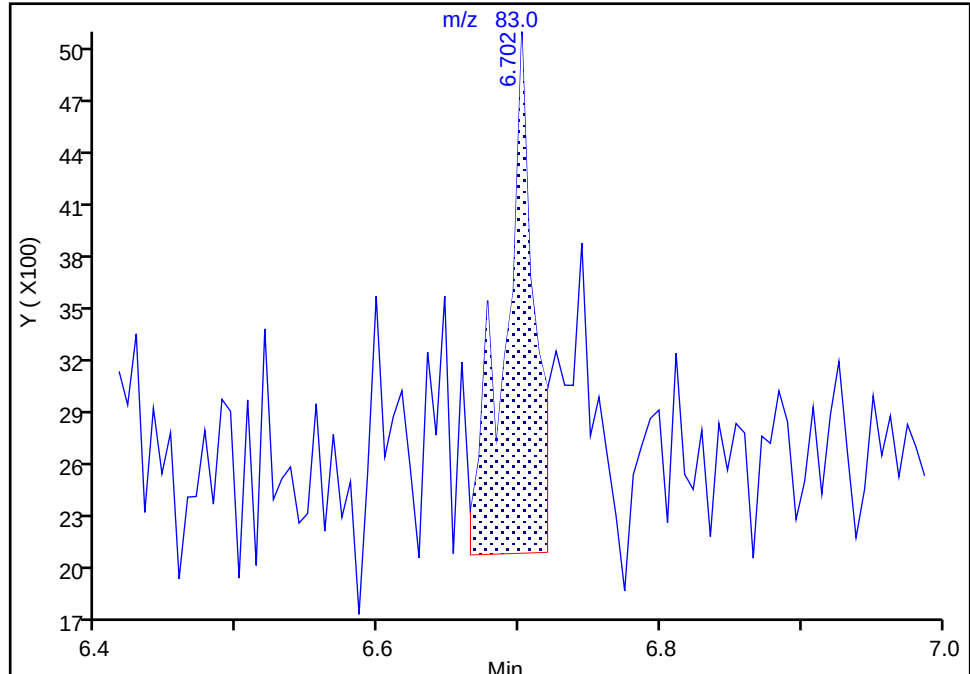
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

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

Signal: 1

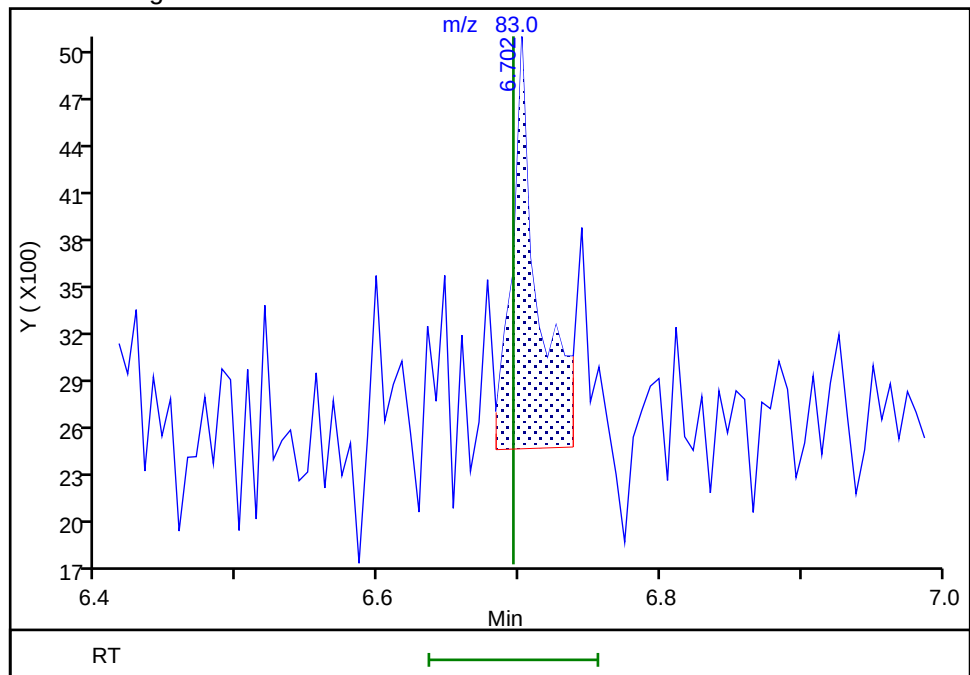
RT: 6.70
Area: 4420
Amount: 0.602334
Amount Units: ug/L

Processing Integration Results



RT: 6.70
Area: 3340
Amount: 0.472544
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:55:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

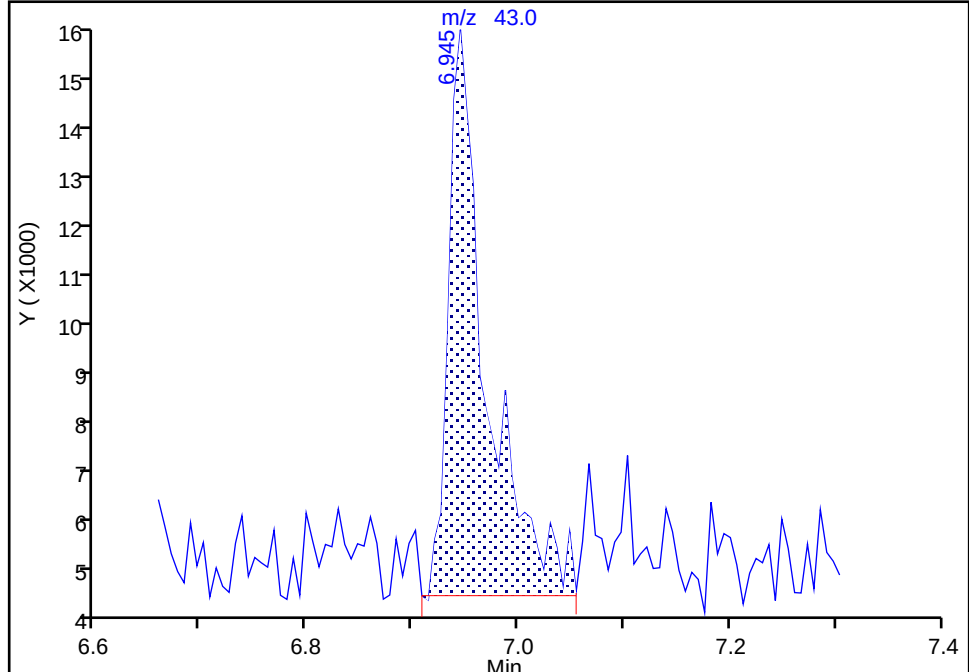
Detector: MS SCAN

80 2-Hexanone, CAS: 591-78-6

Signal: 1

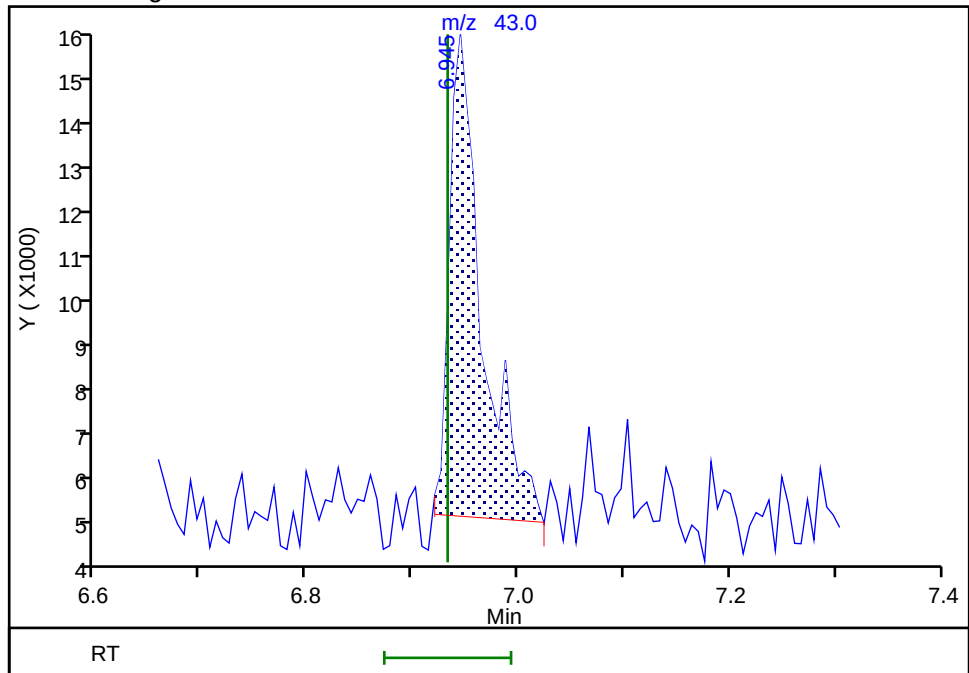
RT: 6.94
Area: 27124
Amount: 3.001514
Amount Units: ug/L

Processing Integration Results



RT: 6.94
Area: 21889
Amount: 2.494466
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:55:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

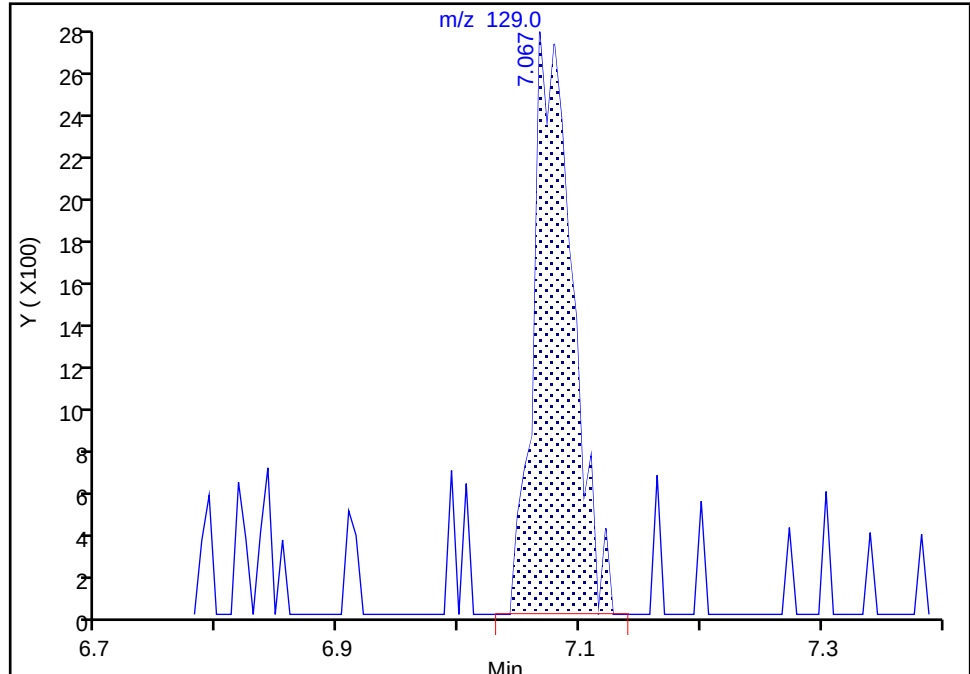
MS SCAN

83 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

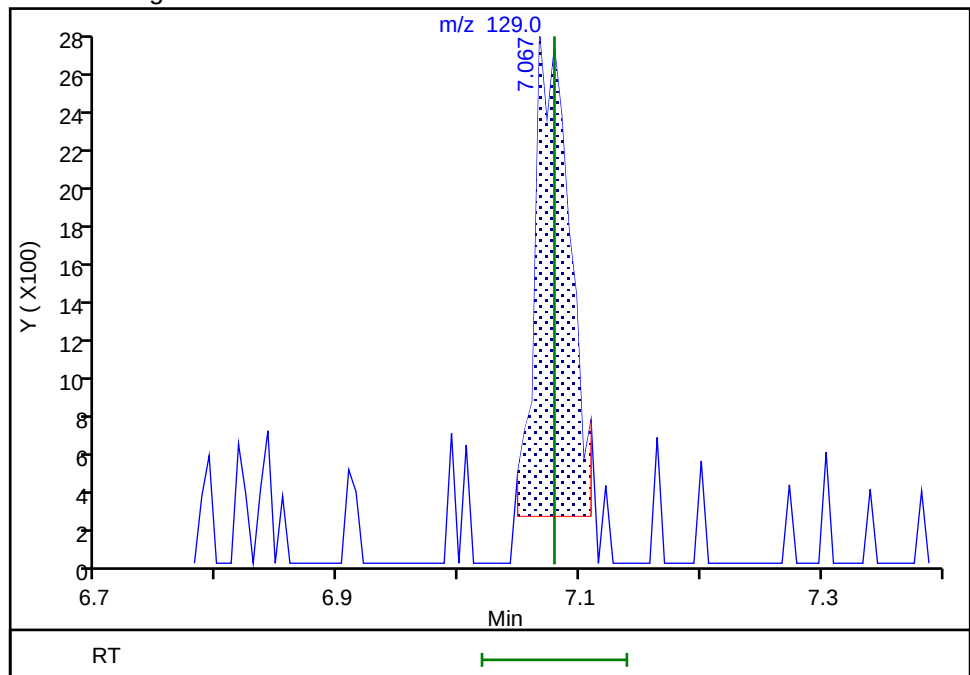
RT: 7.07
Area: 6233
Amount: 0.598841
Amount Units: ug/L

Processing Integration Results



RT: 7.07
Area: 5064
Amount: 0.500584
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:55:23 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

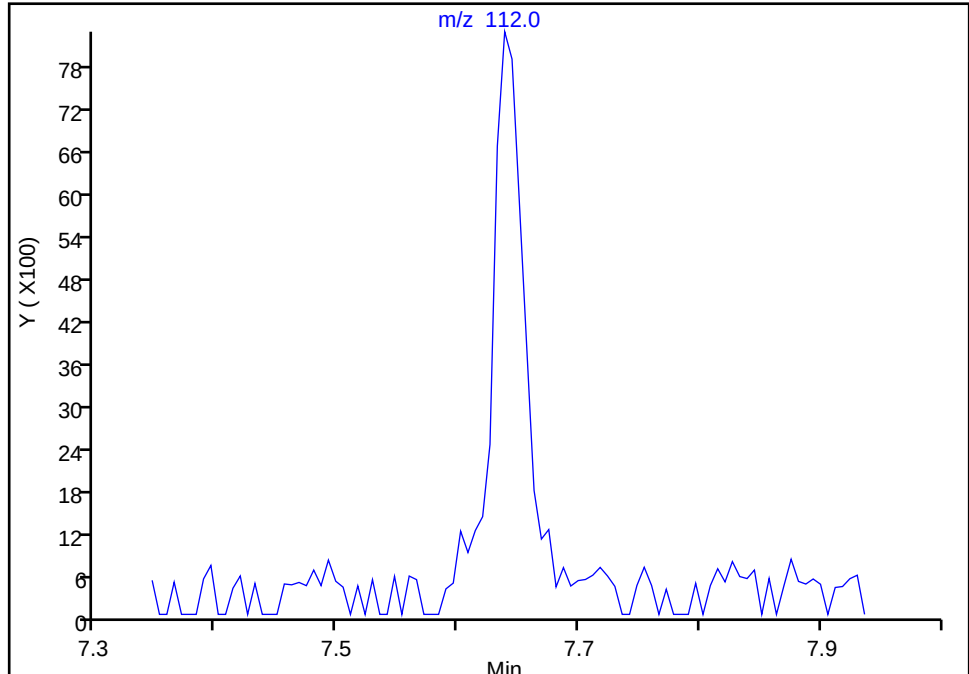
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

87 Chlorobenzene, CAS: 108-90-7

Signal: 1

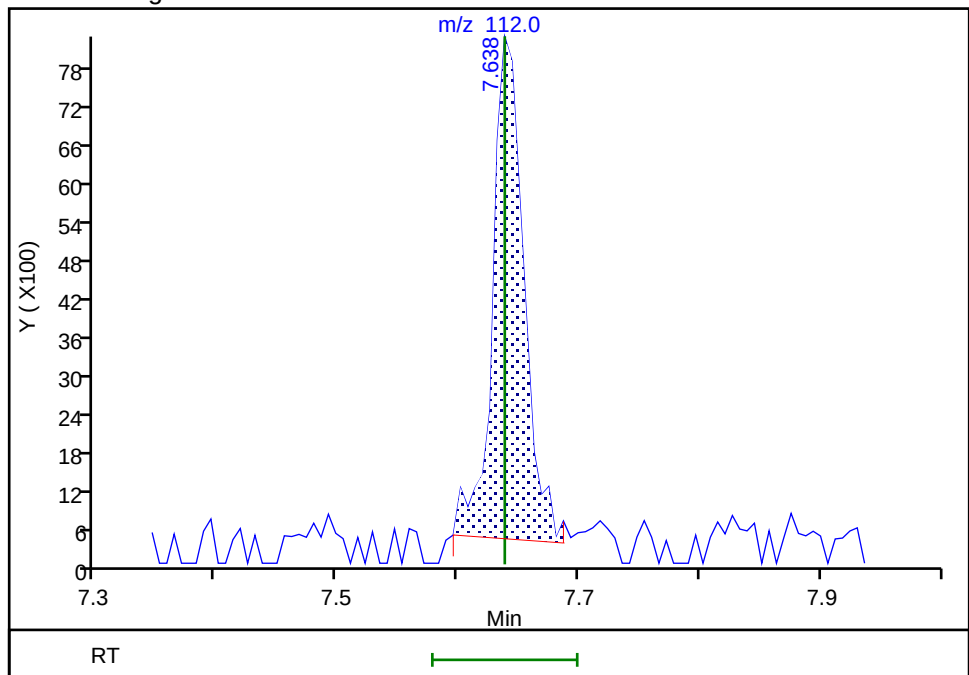
Not Detected
Expected RT: 7.64

Processing Integration Results



RT: 7.64
Area: 14194
Amount: 0.534134
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:55:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

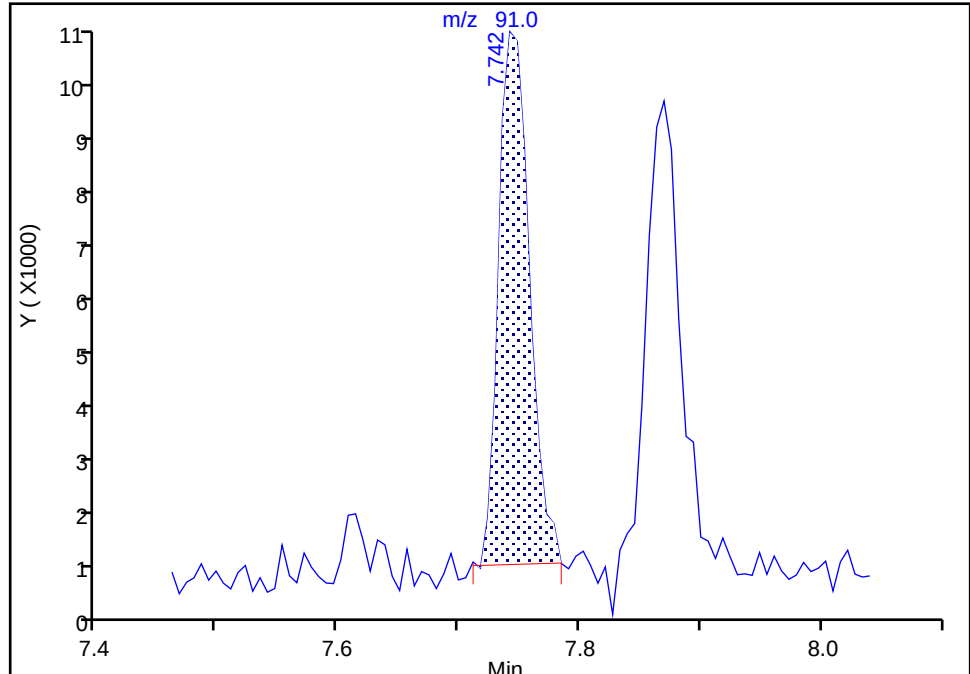
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

88 Ethylbenzene, CAS: 100-41-4

Signal: 1

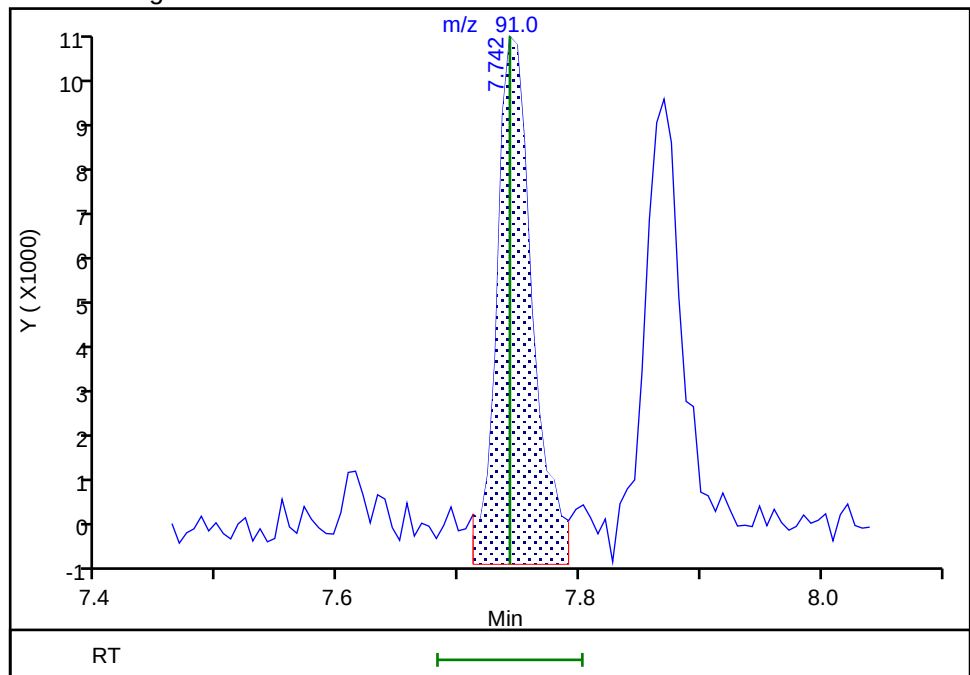
RT: 7.74
Area: 16434
Amount: 0.394121
Amount Units: ug/L

Processing Integration Results



RT: 7.74
Area: 21018
Amount: 0.490572
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:55:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

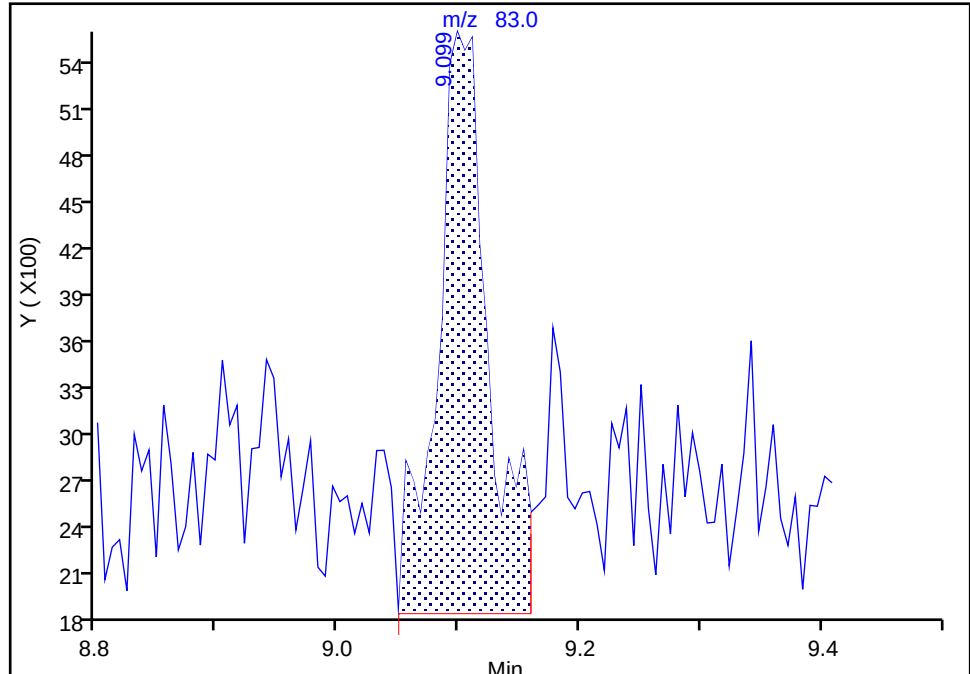
MS SCAN

97 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

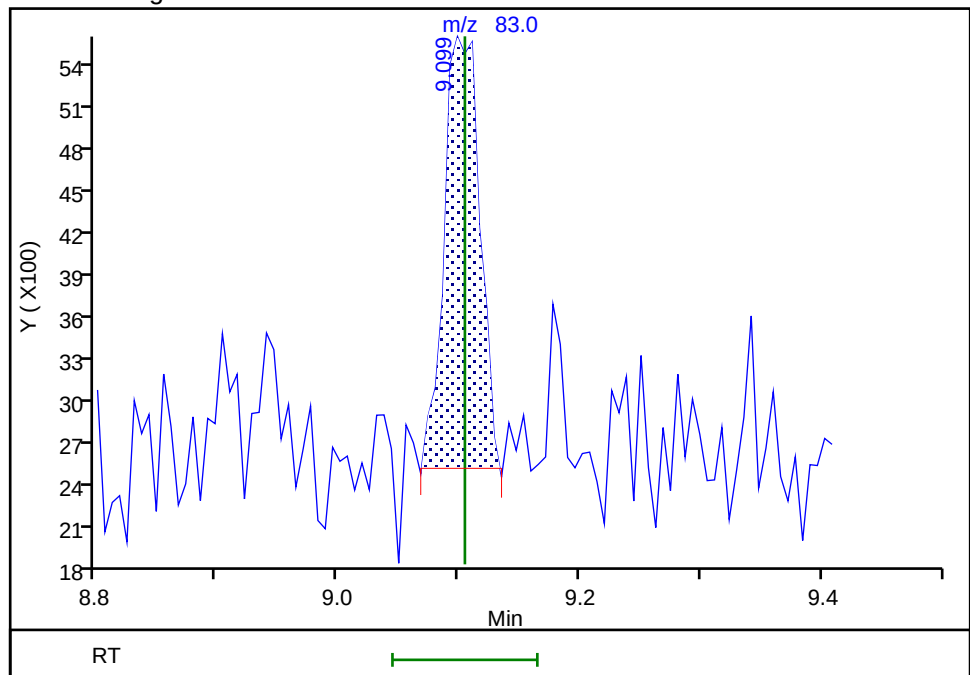
RT: 9.10
Area: 11109
Amount: 0.824948
Amount Units: ug/L

Processing Integration Results



RT: 9.10
Area: 6188
Amount: 0.505719
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:56:01 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

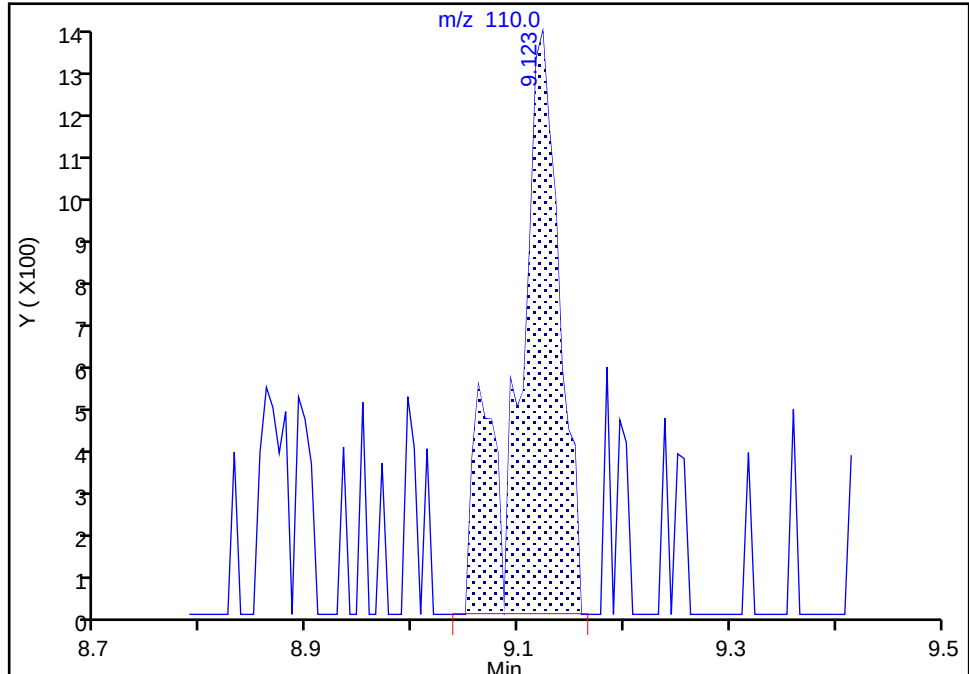
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d
Injection Date: 16-May-2025 16:27:30 Instrument ID: HP5973S
Lims ID: IC 0.5
Client ID:
Operator ID: AG/LH ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

100 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

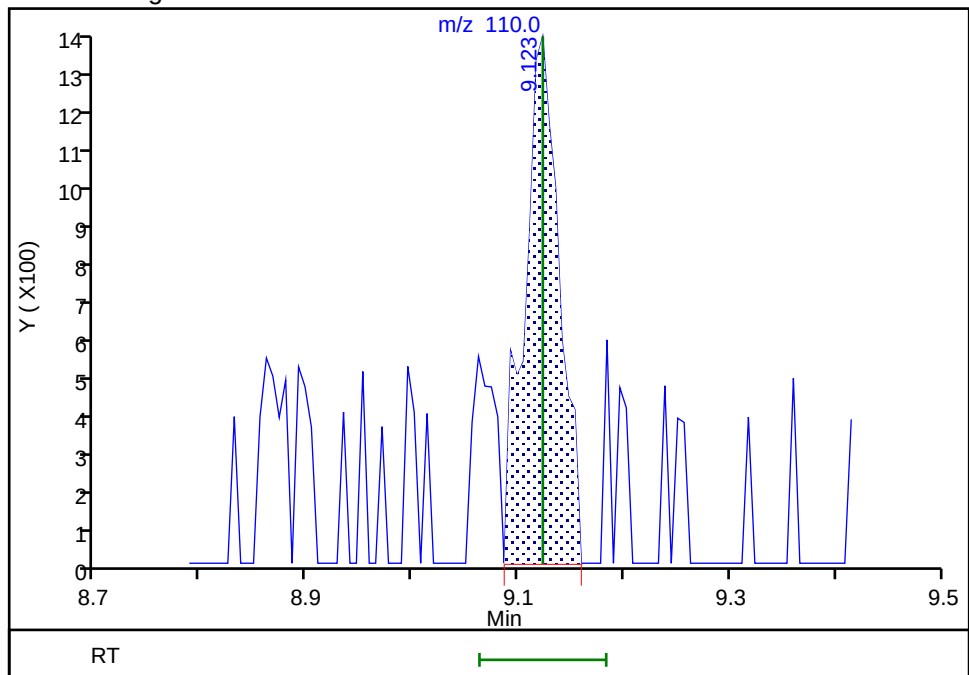
RT: 9.12
Area: 3950
Amount: 0.605408
Amount Units: ug/L

Processing Integration Results



RT: 9.12
Area: 3148
Amount: 0.698277
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:56:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

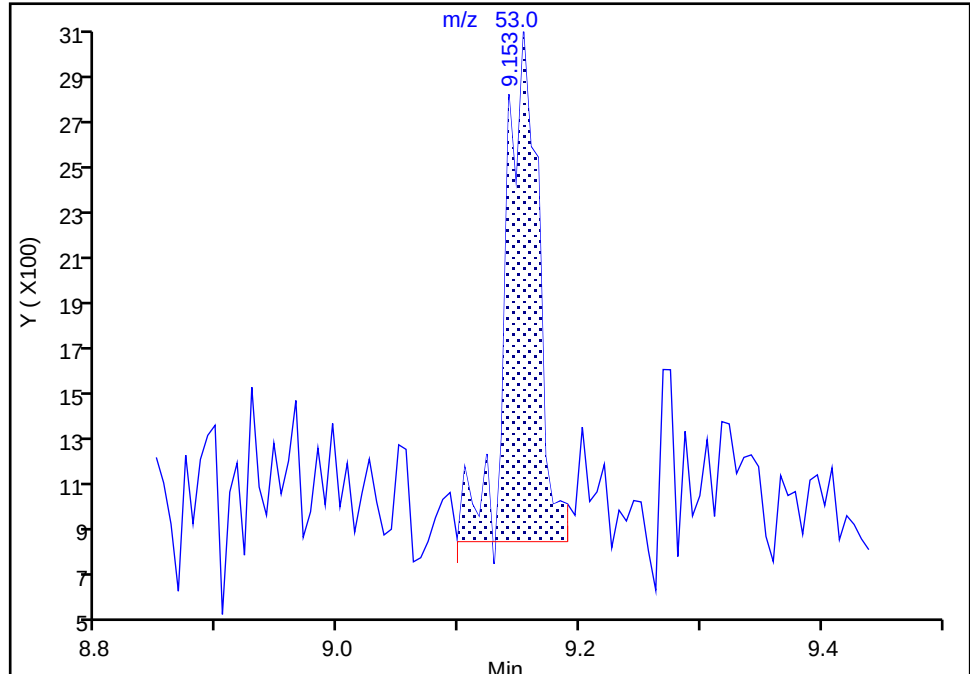
MS SCAN

98 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

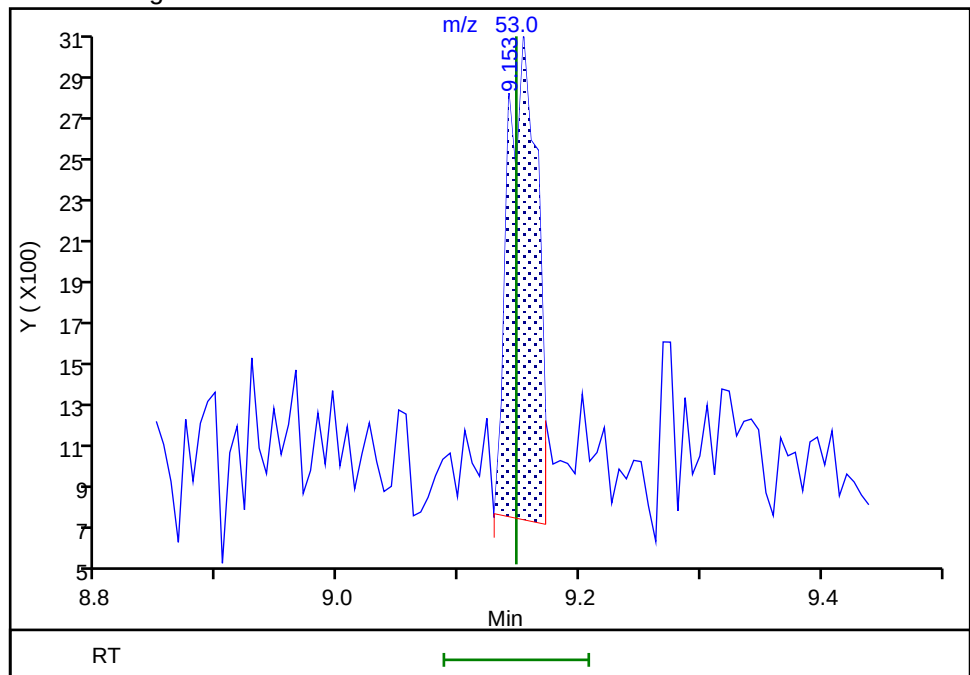
RT: 9.15
Area: 4108
Amount: 0.727710
Amount Units: ug/L

Processing Integration Results



RT: 9.15
Area: 3900
Amount: 0.738939
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:56:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8278.d

Injection Date: 16-May-2025 16:27:30

Instrument ID: HP5973S

Lims ID: IC 0.5

Client ID:

Operator ID: AG/LH

ALS Bottle#:

13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

MS SCAN

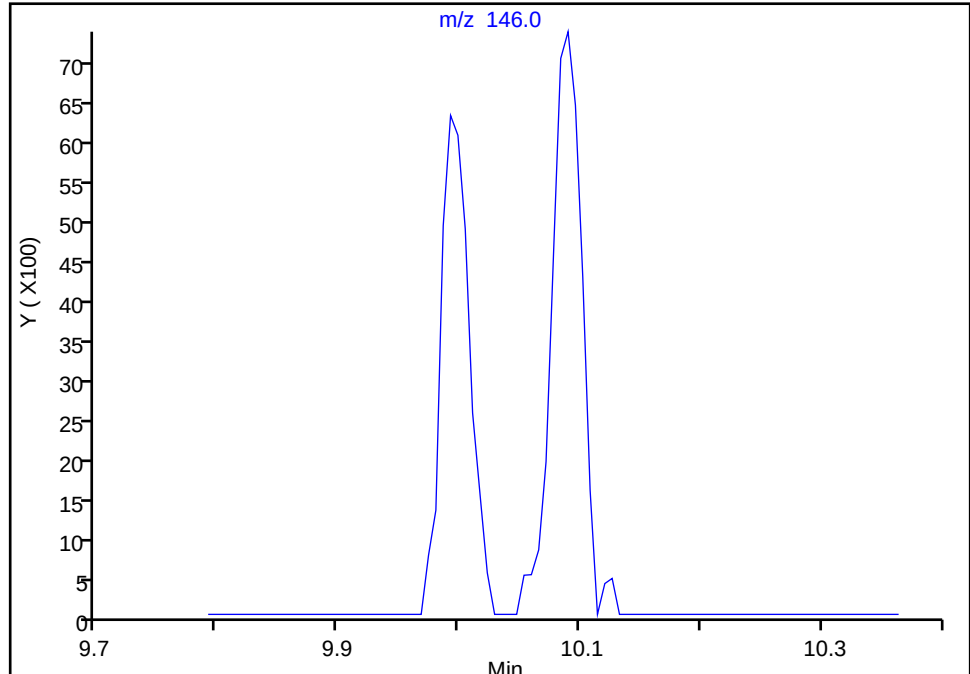
113 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

Not Detected

Expected RT: 10.09

Processing Integration Results



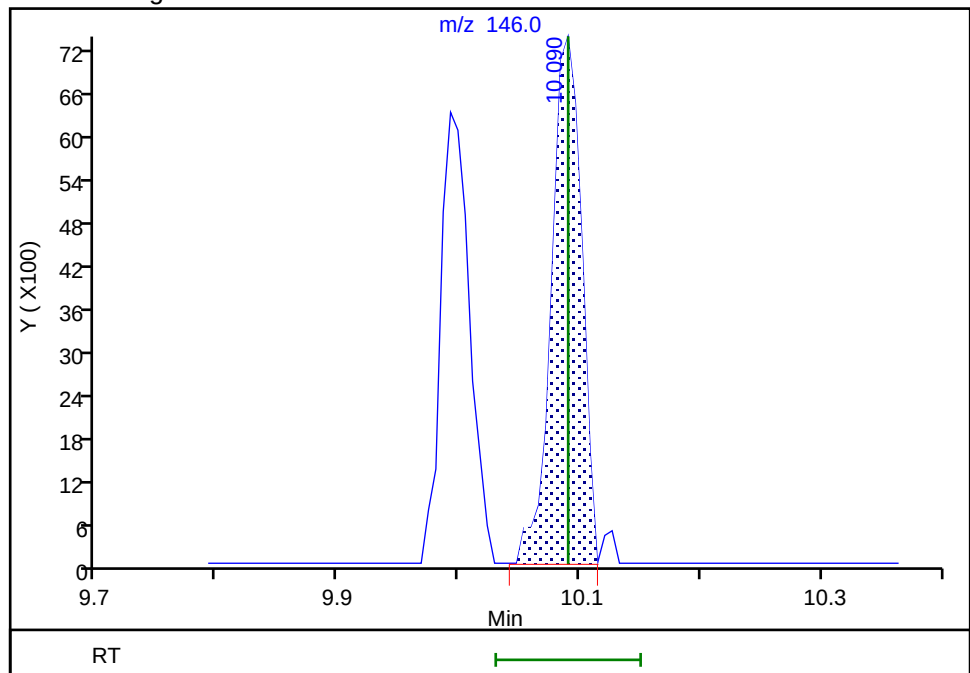
RT: 10.09

Area: 12674

Amount: 0.538500

Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 11:17:38 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 16-May-2025 16:50:30 ALS Bottle#: 14 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 480-0123611-014
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:24:39 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 18-May-2025 11:20:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	188888	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.608	0.006	85	385273	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	94	418886	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	64	257162	25.0	24.9	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	157619	25.0	24.5	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	82	971015	25.0	25.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.861	0.006	95	333346	25.0	24.9	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	63	11481	1.00	0.8648	M
12 Chloromethane	50	1.099	1.099	0.000	85	13535	1.00	0.9394	
13 Vinyl chloride	62	1.172	1.172	0.000	44	8083	1.00	0.8046	
151 Butadiene	54	1.172	1.172	0.000	82	11448	1.00	0.9007	
14 Bromomethane	94	1.403	1.391	0.012	76	7539	1.00	1.08	
15 Chloroethane	64	1.464	1.452	0.012	65	7530	1.00	1.05	M
16 Dichlorofluoromethane	67	1.634	1.628	0.006	67	17321	1.00	1.03	
17 Trichlorofluoromethane	101	1.610	1.634	-0.024	34	9901	1.00	0.7444	
18 Ethyl ether	59	1.853	1.847	0.006	76	8013	1.00	0.8908	a
20 Acrolein	56	2.005	2.005	0.000	65	7849	5.00	5.71	Ma
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.029	2.036	-0.007	50	6479	1.00	0.8818	
22 1,1-Dichloroethene	96	2.042	2.036	0.006	73	8504	1.00	1.07	M
23 Acetone	43	2.151	2.151	0.000	92	27019	5.00	6.16	
25 Iodomethane	142	2.181	2.175	0.006	85	12946	1.00	0.8793	
26 Carbon disulfide	76	2.212	2.206	0.006	90	21169	1.00	0.8529	
28 3-Chloro-1-propene	41	2.376	2.370	0.006	80	17872	1.00	0.9640	
27 Methyl acetate	43	2.425	2.419	0.006	86	23507	2.00	2.04	M
30 Methylene Chloride	84	2.504	2.504	0.000	86	19527	1.00	0.99	
31 2-Methyl-2-propanol	59	2.686	2.687	0.000	0	16618	10.0	10.2	M
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	79	27332	1.00	0.8974	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	73	8771	1.00	0.9601	
33 Acrylonitrile	53	2.784	2.778	0.006	99	47374	10.0	9.26	M
35 Hexane	57	2.905	2.899	0.006	73	18990	1.00	1.20	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	53	13613	1.00	0.8380	
37 Vinyl acetate	43	3.185	3.179	0.006	89	44369	2.00	1.90	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	65	10838	1.00	1.06	
45 cis-1,2-Dichloroethene	96	3.660	3.648	0.012	16	9242	1.00	0.9540	
43 2-Butanone (MEK)	43	3.702	3.690	0.012	89	39153	5.00	5.63	M
48 Chlorobromomethane	128	3.873	3.873	0.000	76	6789	1.00	1.20	
49 Tetrahydrofuran	42	3.891	3.891	0.000	89	9924	2.00	2.13	
50 Chloroform	83	3.958	3.958	0.000	73	12501	1.00	0.7826	
51 1,1,1-Trichloroethane	97	4.055	4.049	0.006	73	12813	1.00	0.9167	M
52 Cyclohexane	56	4.043	4.049	-0.006	88	19136	1.00	1.03	
55 Carbon tetrachloride	117	4.183	4.183	0.000	75	10600	1.00	0.8492	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	53	9292	1.00	0.7858	
57 Benzene	78	4.396	4.396	0.000	40	28430	1.00	0.8156	
53 Isobutyl alcohol	43	4.475	4.463	0.012	85	16980	25.0	25.5	
58 1,2-Dichloroethane	62	4.481	4.475	0.006	41	12146	1.00	0.8835	
59 n-Heptane	43	4.591	4.591	0.000	86	16097	1.00	0.9829	
62 Trichloroethene	95	5.010	5.004	0.006	71	9298	1.00	0.9831	M
64 Methylcyclohexane	83	5.108	5.108	0.000	75	16557	1.00	0.9865	
65 1,2-Dichloropropane	63	5.242	5.236	0.006	64	8078	1.00	0.8715	
67 Dibromomethane	93	5.375	5.375	0.000	82	5534	1.00	0.9307	
66 1,4-Dioxane	88	5.412	5.394	0.018	0	1568	20.0	18.0	M
68 Dichlorobromomethane	83	5.534	5.534	0.000	63	11485	1.00	0.9423	M
69 2-Chloroethyl vinyl ether	63	5.844	5.826	0.018	39	5397	1.00	0.8180	M
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	49	12521	1.00	0.8241	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	93	62508	5.00	4.65	
74 Toluene	92	6.221	6.215	0.006	77	19207	1.00	0.8421	
77 trans-1,3-Dichloropropene	75	6.519	6.513	0.006	66	12302	1.00	0.8689	
75 Ethyl methacrylate	69	6.586	6.574	0.012	62	12407	1.00	0.9153	
79 1,1,2-Trichloroethane	83	6.708	6.696	0.012	50	7612	1.00	1.08	
81 Tetrachloroethene	166	6.738	6.732	0.006	80	9274	1.00	0.9092	
82 1,3-Dichloropropane	76	6.854	6.848	0.006	81	12824	1.00	0.9049	
80 2-Hexanone	43	6.939	6.933	0.006	93	37227	5.00	4.27	
83 Chlorodibromomethane	129	7.085	7.079	0.006	48	9264	1.00	0.9223	
84 Ethylene Dibromide	107	7.170	7.164	0.006	68	7718	1.00	0.8922	
87 Chlorobenzene	112	7.645	7.639	0.006	82	23467	1.00	0.8894	
88 Ethylbenzene	91	7.742	7.742	0.000	91	35451	1.00	0.8334	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	26	7920	1.00	0.8229	
90 m-Xylene & p-Xylene	106	7.870	7.864	0.006	94	15149	1.00	0.8712	
91 o-Xylene	106	8.289	8.283	0.006	88	15216	1.00	0.9023	
92 Styrene	104	8.320	8.314	0.006	80	24879	1.00	0.8964	
95 Bromoform	173	8.557	8.551	0.006	55	5484	1.00	0.7616	
94 Isopropylbenzene	105	8.667	8.667	0.000	80	35670	1.00	0.8957	
101 Bromobenzene	156	9.001	9.001	0.000	77	10032	1.00	0.8471	
97 1,1,2,2-Tetrachloroethane	83	9.105	9.105	0.000	41	12371	1.00	1.04	
99 N-Propylbenzene	91	9.111	9.111	0.000	95	38321	1.00	0.7787	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	47	4544	1.00	1.03	
98 trans-1,4-Dichloro-2-butene	53	9.147	9.147	0.000	41	5468	1.00	1.06	
103 2-Chlorotoluene	126	9.214	9.208	0.006	77	11099	1.00	1.00	
102 1,3,5-Trimethylbenzene	105	9.311	9.305	0.006	78	30612	1.00	0.8527	
105 4-Chlorotoluene	126	9.330	9.330	0.000	86	11126	1.00	0.9375	
106 tert-Butylbenzene	134	9.640	9.640	0.000	79	7147	1.00	0.8359	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	17	31440	1.00	0.8351	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	75	35859	1.00	0.7986	
111 1,3-Dichlorobenzene	146	9.999	9.993	0.006	88	19268	1.00	0.8787	
110 4-Isopropyltoluene	119	10.017	10.023	-0.006	88	34088	1.00	0.8345	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	6	20075	1.00	0.8750	
115 n-Butylbenzene	91	10.425	10.425	0.000	84	28531	1.00	0.8173	
116 1,2-Dichlorobenzene	146	10.455	10.449	0.006	76	18629	1.00	0.8865	
117 1,2-Dibromo-3-Chloropropane	75	11.210	11.210	0.000	30	2827	1.00	1.11	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	70	12094	1.00	0.8164	
120 Hexachlorobutadiene	225	12.006	12.013	-0.007	49	5865	1.00	0.8130	
121 Naphthalene	128	12.104	12.104	0.000	87	35199	1.00	0.8554	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	69	10132	1.00	0.7439	
S 126 1,3-Dichloropropene, Total	1				0			1.69	
S 125 1,2-Dichloroethene, Total	1				0			1.91	
S 123 Total BTEX	1				0			4.26	
S 124 Xylenes, Total	1				0			1.77	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00267

Amount Added: 1.00

Units: uL

GAS CORP mix_00677

Amount Added: 1.00

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d

Injection Date: 16-May-2025 16:50:30

Instrument ID: HP5973S

Lims ID: IC

Operator ID: AG/LH

Client ID:

Worklist Smp#: 14

Purge Vol: 5.000 mL

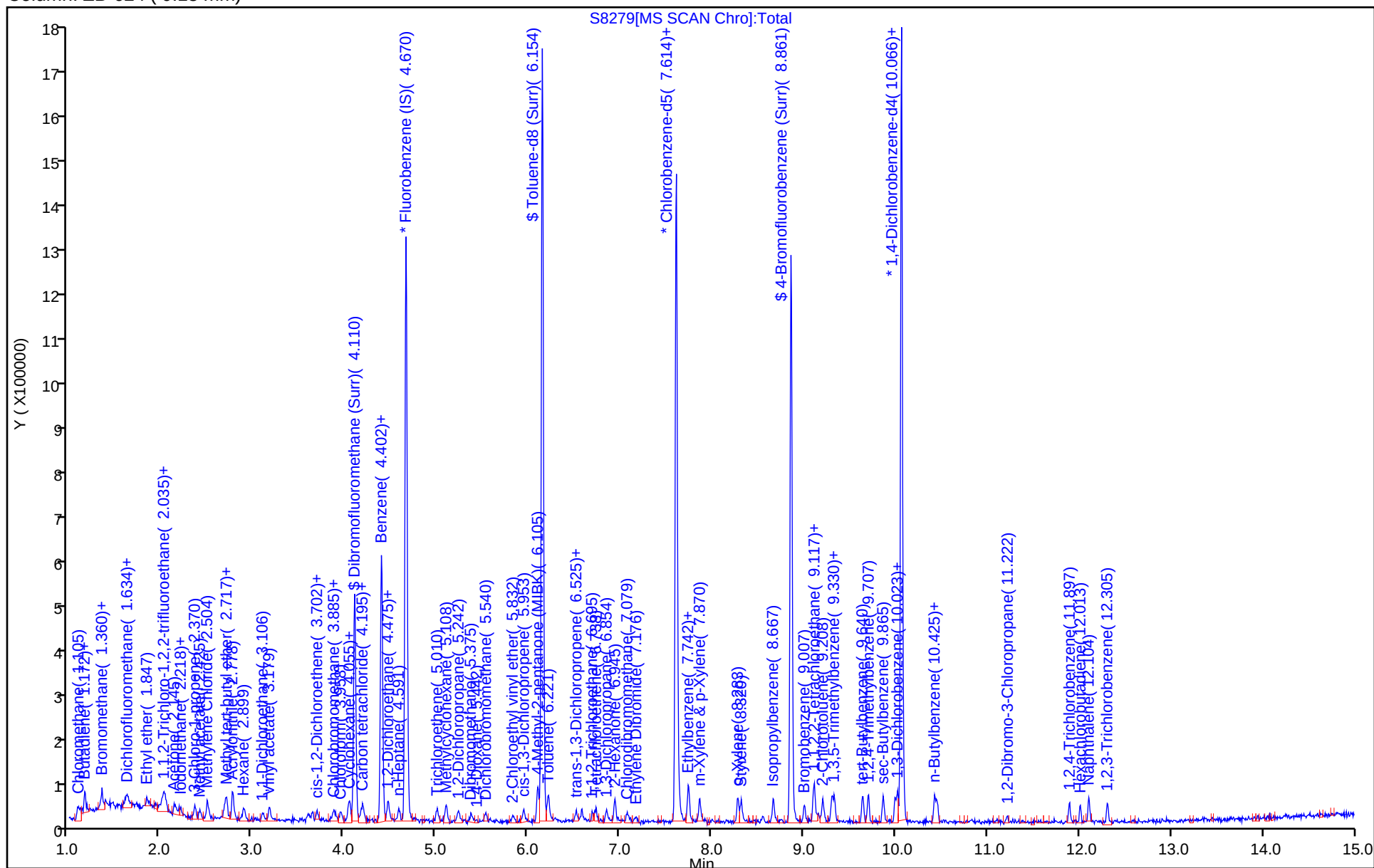
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d

Injection Date: 16-May-2025 16:50:30

Instrument ID: HP5973S

Lims ID: IC

Client ID:

Operator ID: AG/LH

ALS Bottle#: 14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

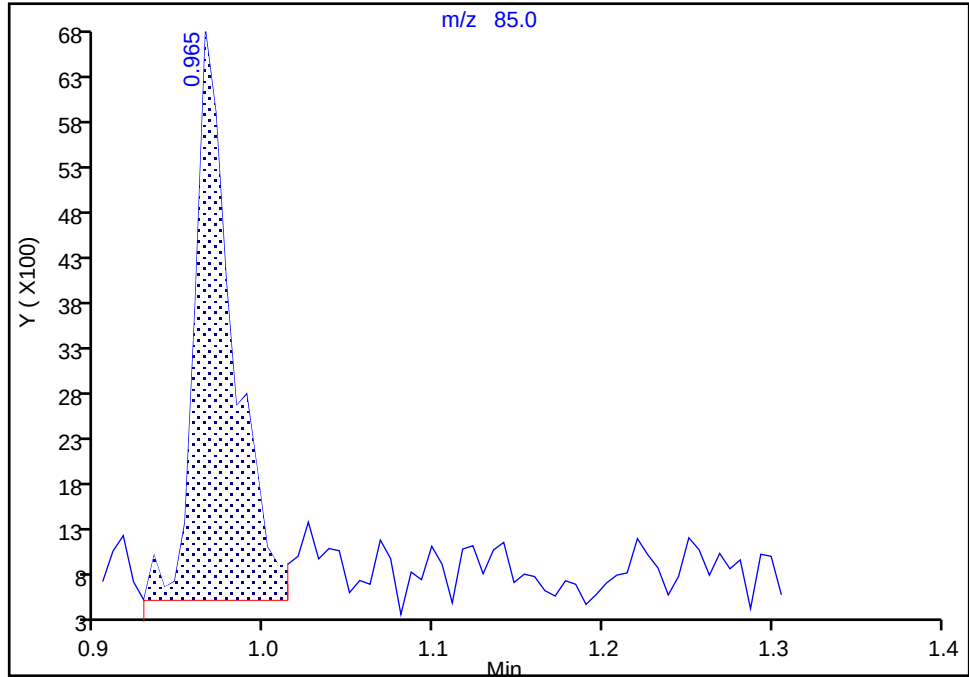
Detector: MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

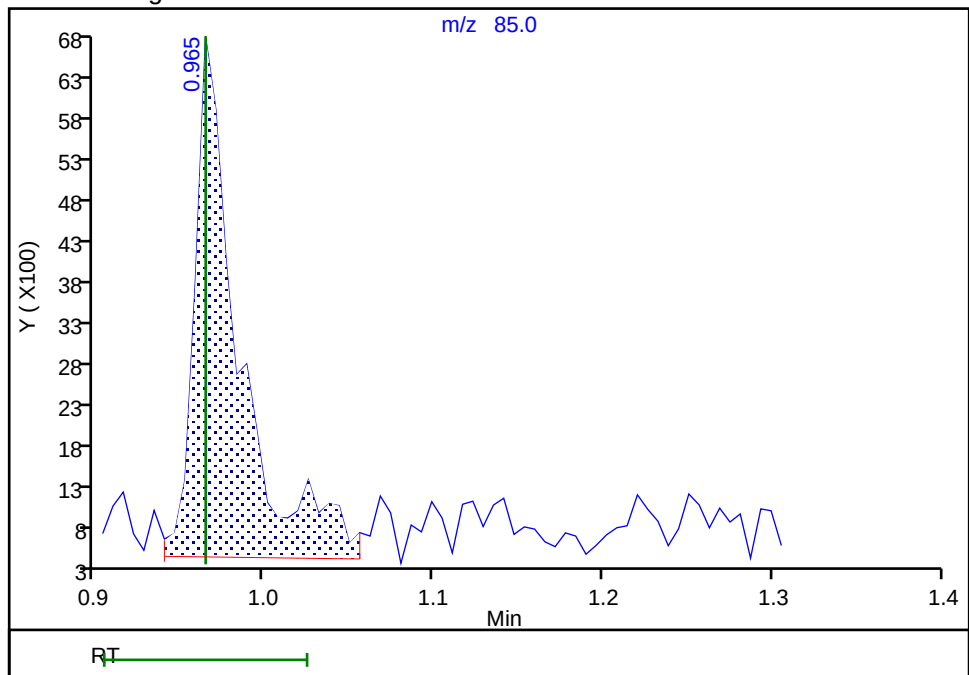
RT: 0.96
Area: 9876
Amount: 0.768827
Amount Units: ug/L

Processing Integration Results



RT: 0.96
Area: 11481
Amount: 0.864780
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:57:35 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d

Injection Date: 16-May-2025 16:50:30

Instrument ID: HP5973S

Lims ID: IC

Client ID:

Operator ID: AG/LH

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

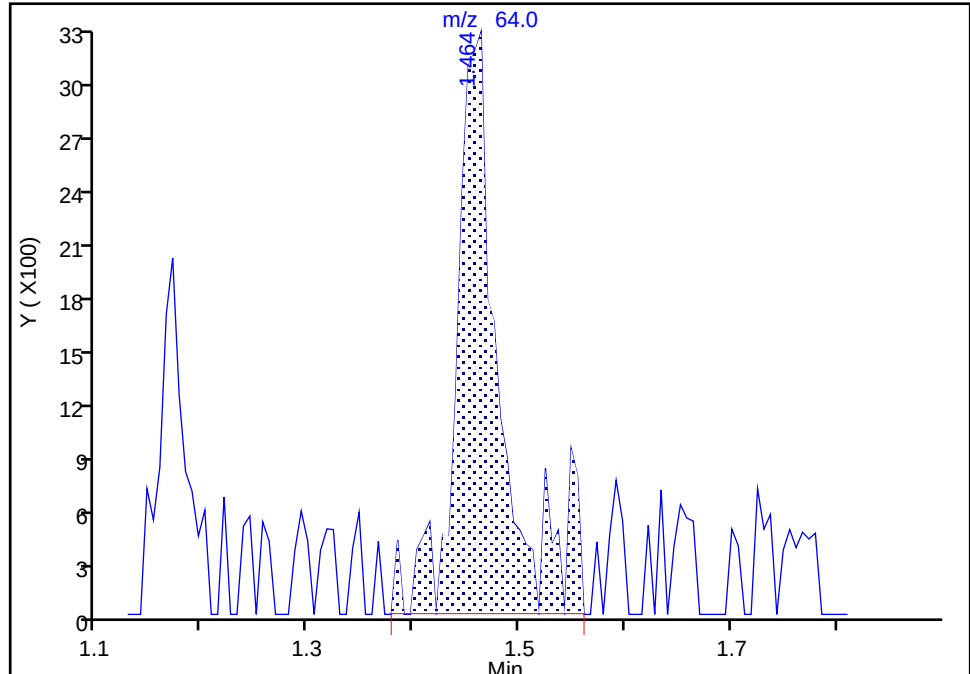
Detector: MS SCAN

15 Chloroethane, CAS: 75-00-3

Signal: 1

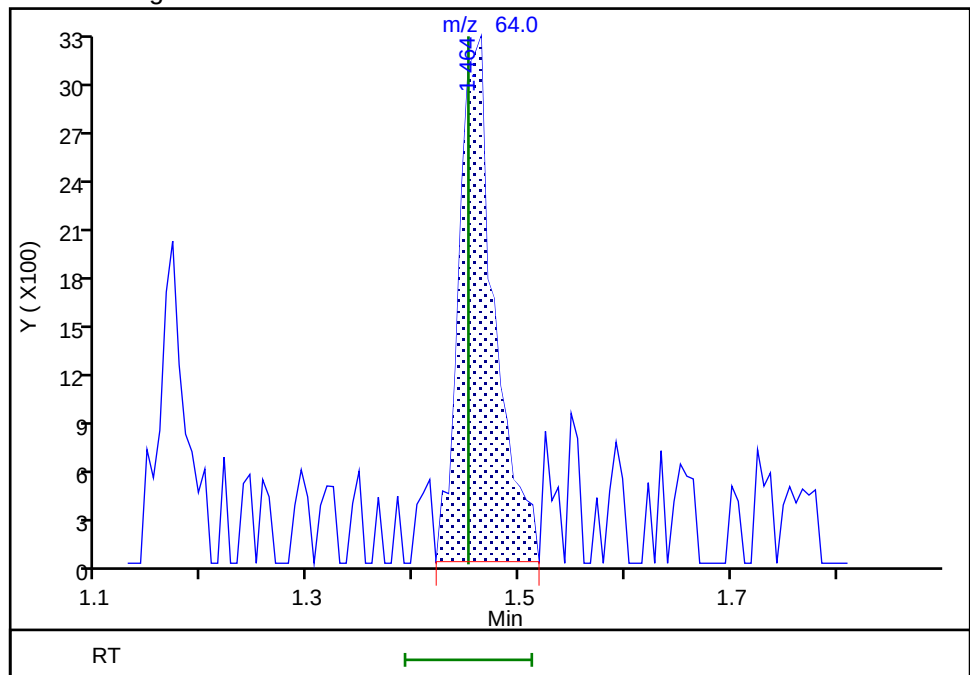
RT: 1.46
Area: 9451
Amount: 1.271349
Amount Units: ug/L

Processing Integration Results



RT: 1.46
Area: 7530
Amount: 1.046747
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:57:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

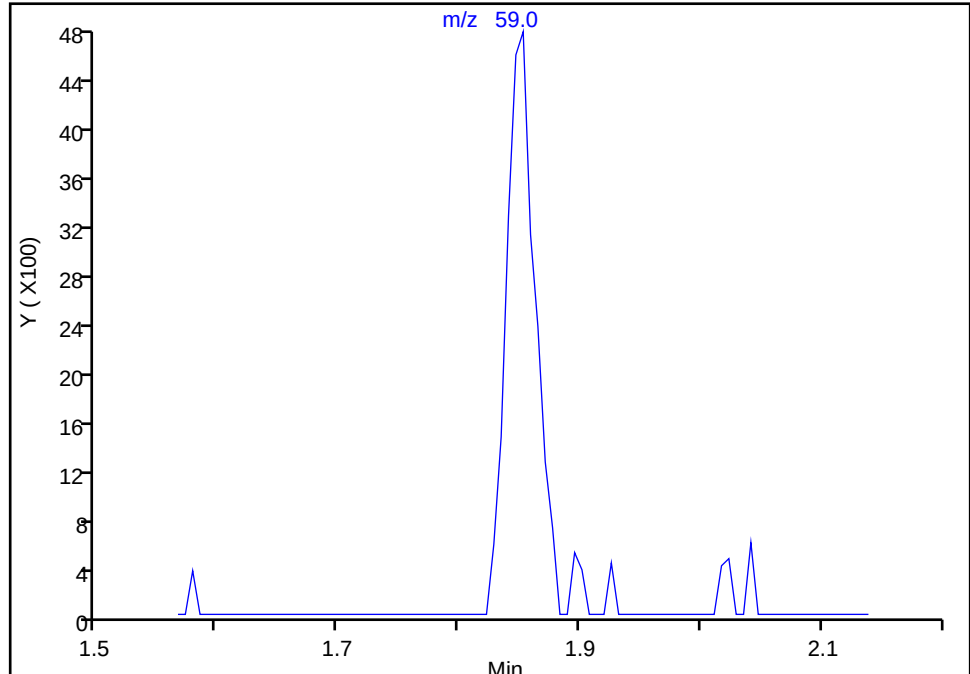
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d
Injection Date: 16-May-2025 16:50:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG/LH ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

18 Ethyl ether, CAS: 60-29-7

Signal: 1

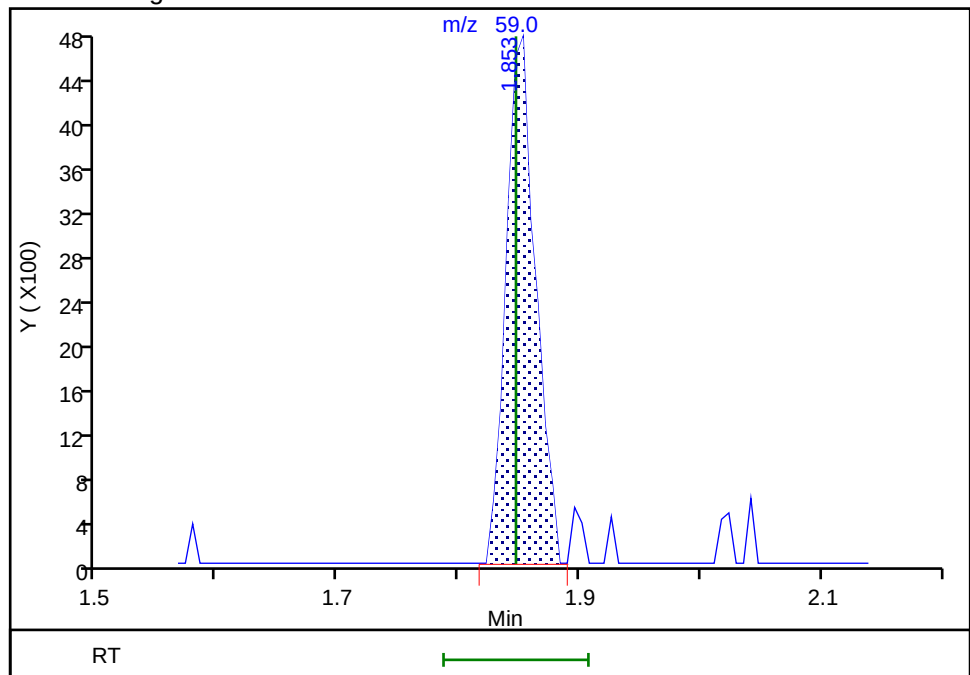
Not Detected
Expected RT: 1.85

Processing Integration Results



RT: 1.85
Area: 8013
Amount: 0.890799
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 11:18:14 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d

Injection Date: 16-May-2025 16:50:30

Instrument ID: HP5973S

Lims ID: IC

Client ID:

Operator ID: AG/LH

ALS Bottle#: 14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

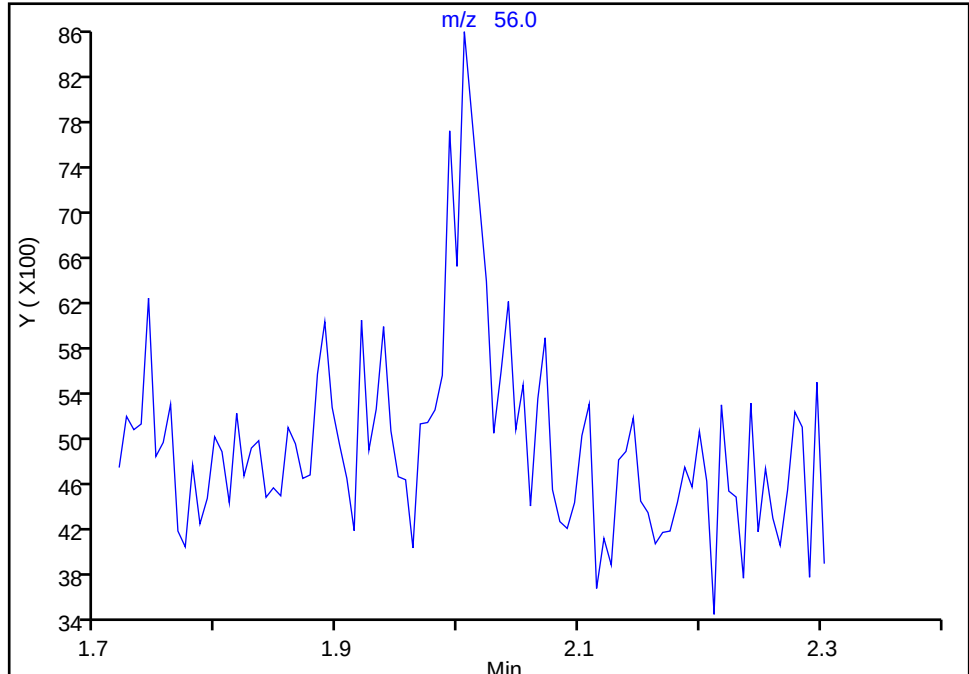
20 Acrolein, CAS: 107-02-8

Signal: 1

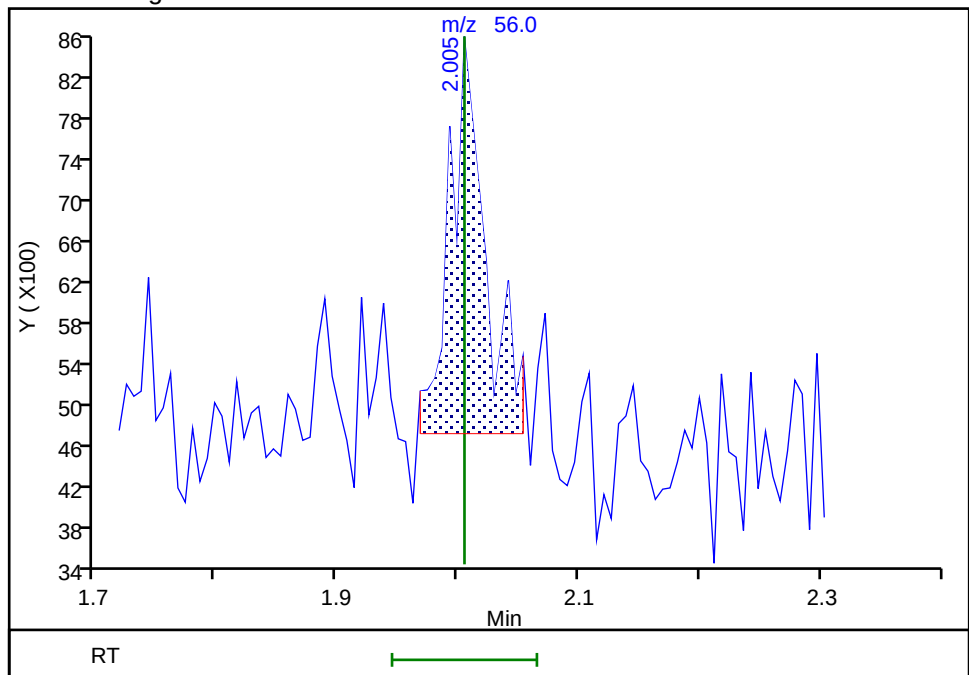
Not Detected

Expected RT: 2.01

Processing Integration Results



Manual Integration Results



RT: 2.01

Area: 7849

Amount: 5.712825

Amount Units: ug/L

Reviewer: WLL8, 19-May-2025 10:58:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

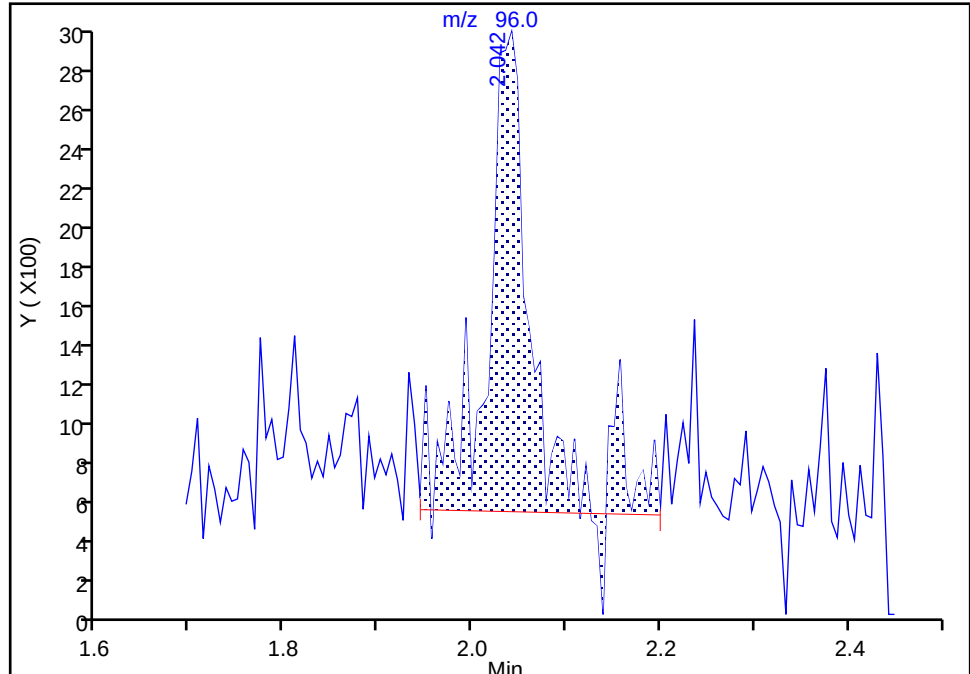
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d
Injection Date: 16-May-2025 16:50:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG/LH ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

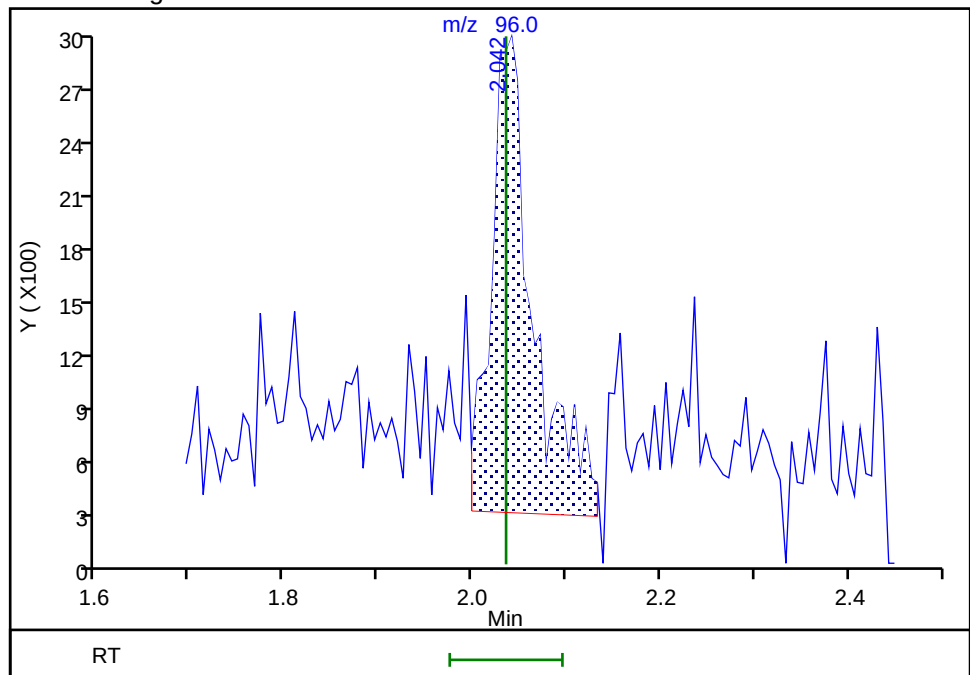
RT: 2.04
Area: 8452
Amount: 1.066682
Amount Units: ug/L

Processing Integration Results



RT: 2.04
Area: 8504
Amount: 1.072365
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:58:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

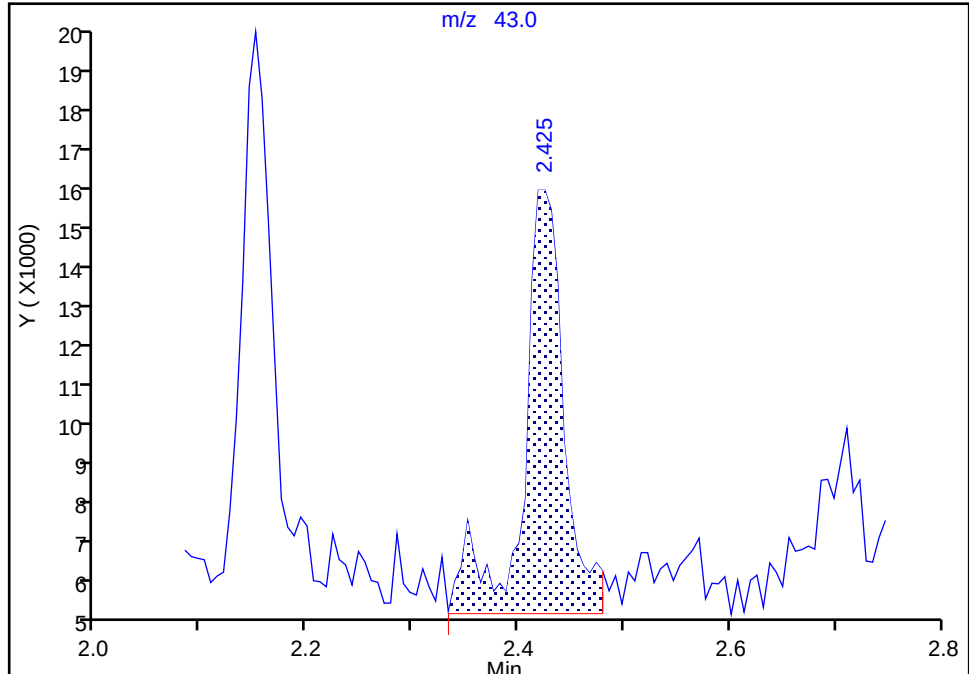
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d
Injection Date: 16-May-2025 16:50:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG/LH ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

27 Methyl acetate, CAS: 79-20-9

Signal: 1

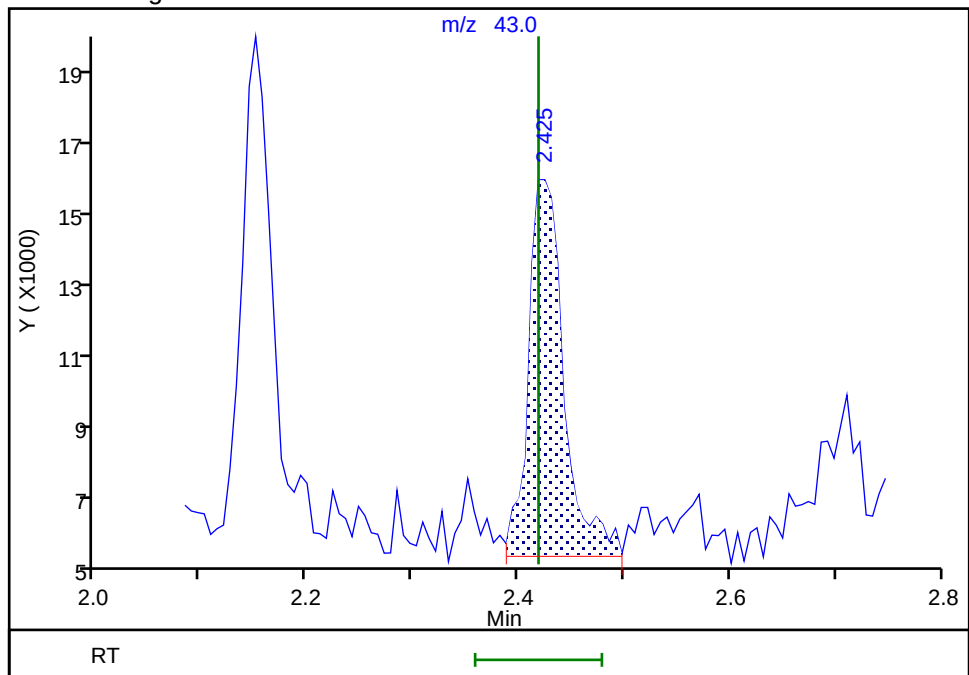
RT: 2.42
Area: 27069
Amount: 2.308617
Amount Units: ug/L

Processing Integration Results



RT: 2.42
Area: 23507
Amount: 2.043629
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:58:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d

Injection Date: 16-May-2025 16:50:30

Instrument ID: HP5973S

Lims ID: IC

Client ID:

Operator ID: AG/LH

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

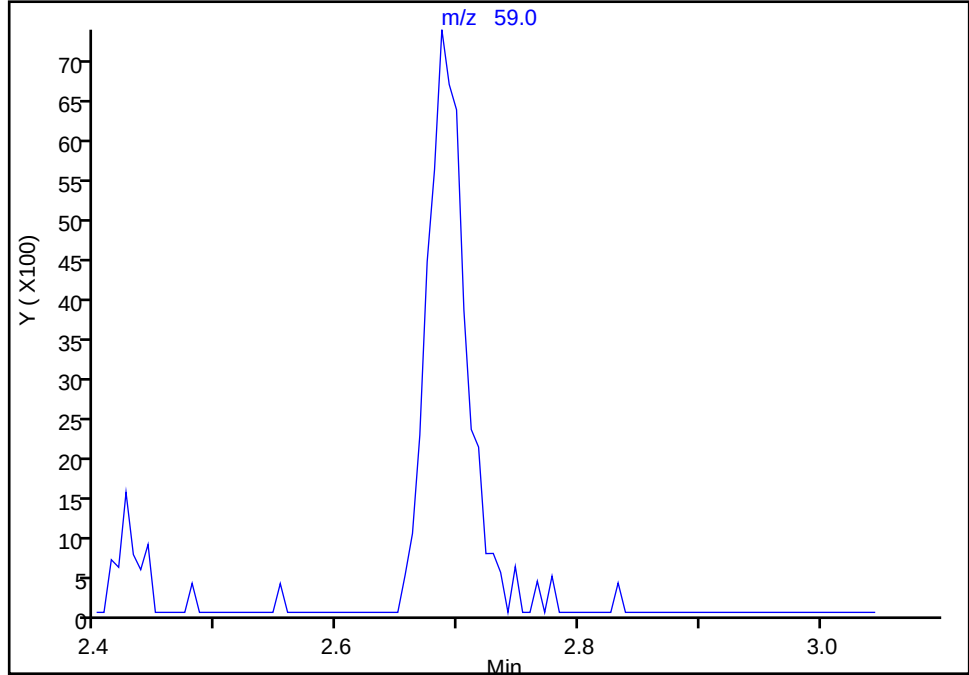
31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

Not Detected

Expected RT: 2.69

Processing Integration Results



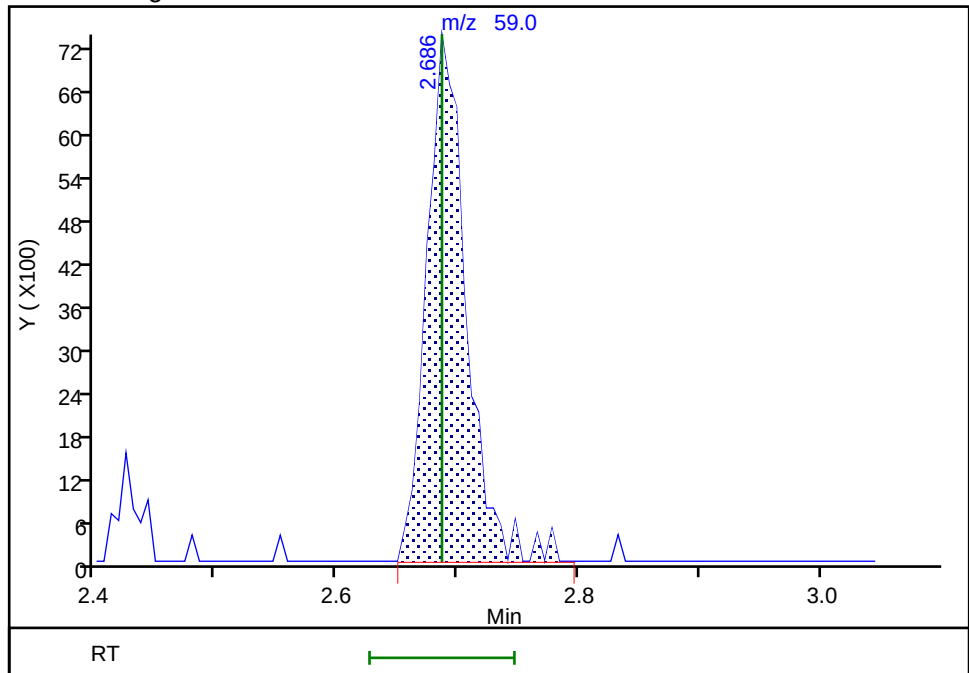
RT: 2.69

Area: 16618

Amount: 10.200351

Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 11:19:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

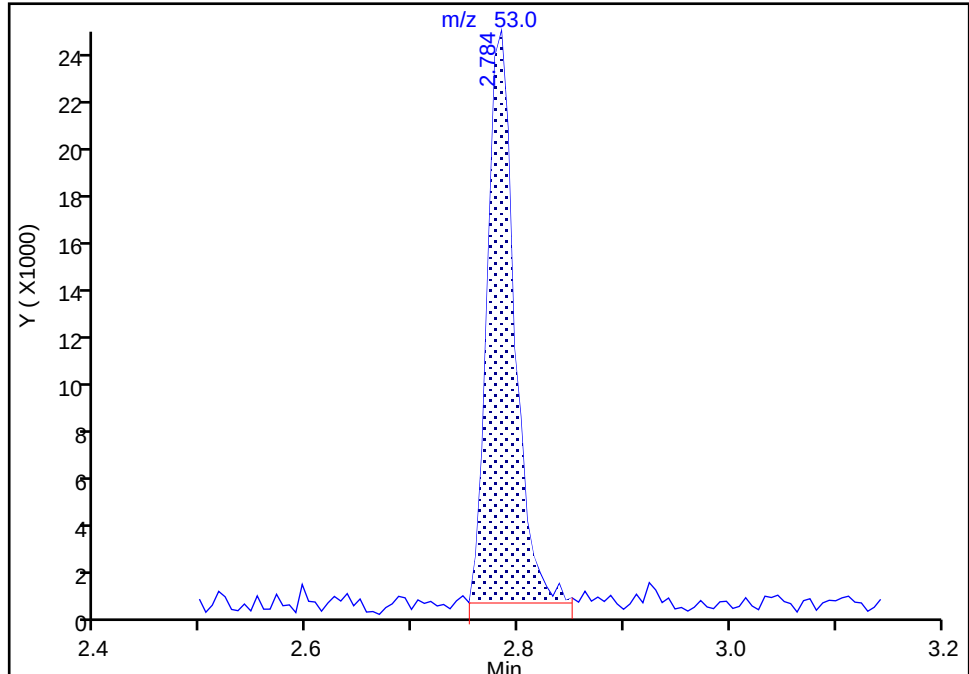
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d
Injection Date: 16-May-2025 16:50:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG/LH ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

33 Acrylonitrile, CAS: 107-13-1

Signal: 1

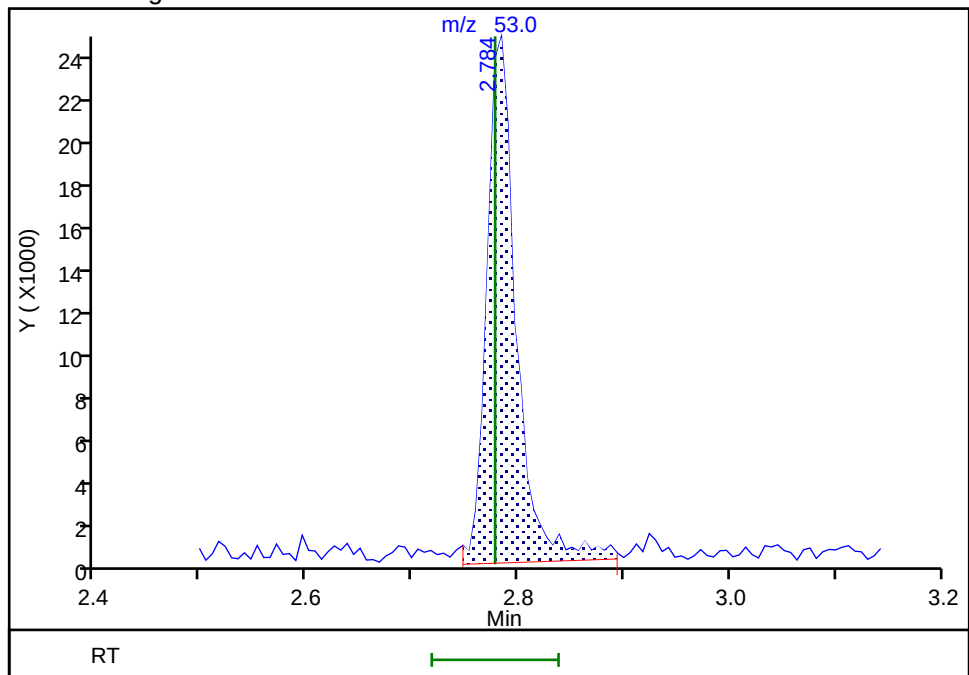
RT: 2.78
Area: 42717
Amount: 8.441434
Amount Units: ug/L

Processing Integration Results



RT: 2.78
Area: 47374
Amount: 9.255249
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:58:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

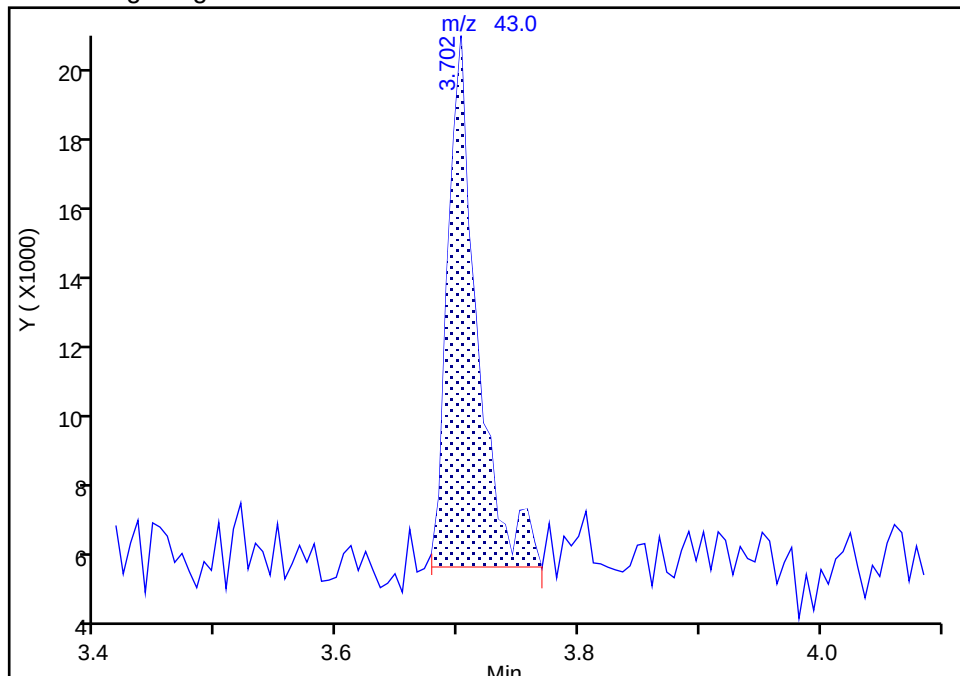
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d
Injection Date: 16-May-2025 16:50:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG/LH ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

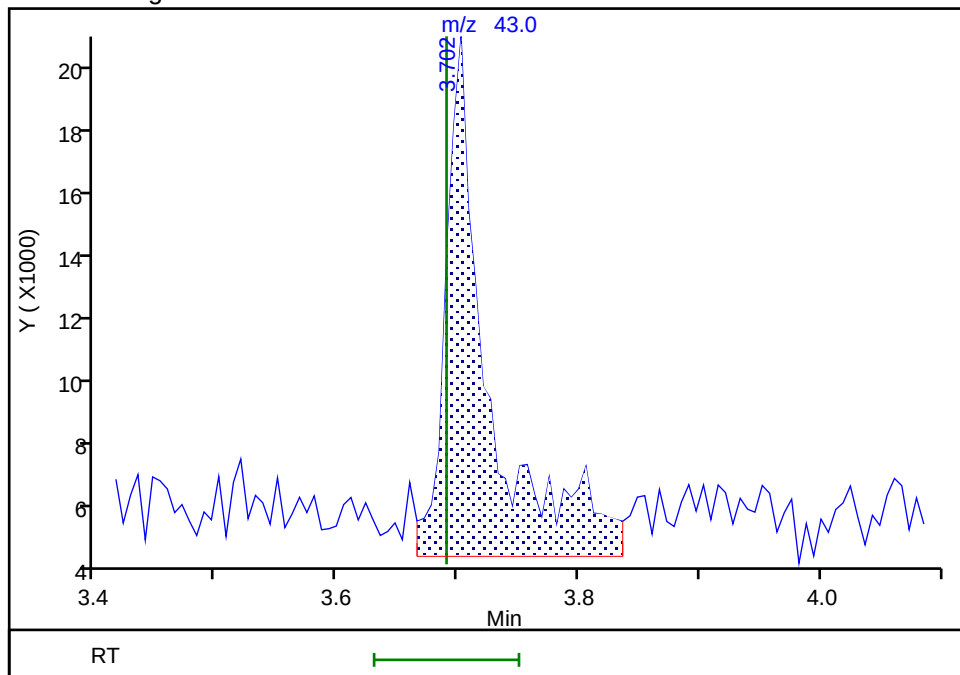
RT: 3.70
Area: 24751
Amount: 3.708487
Amount Units: ug/L

Processing Integration Results



RT: 3.70
Area: 39153
Amount: 5.629406
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:58:57 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d

Injection Date: 16-May-2025 16:50:30

Instrument ID: HP5973S

Lims ID: IC

Client ID:

Operator ID: AG/LH

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

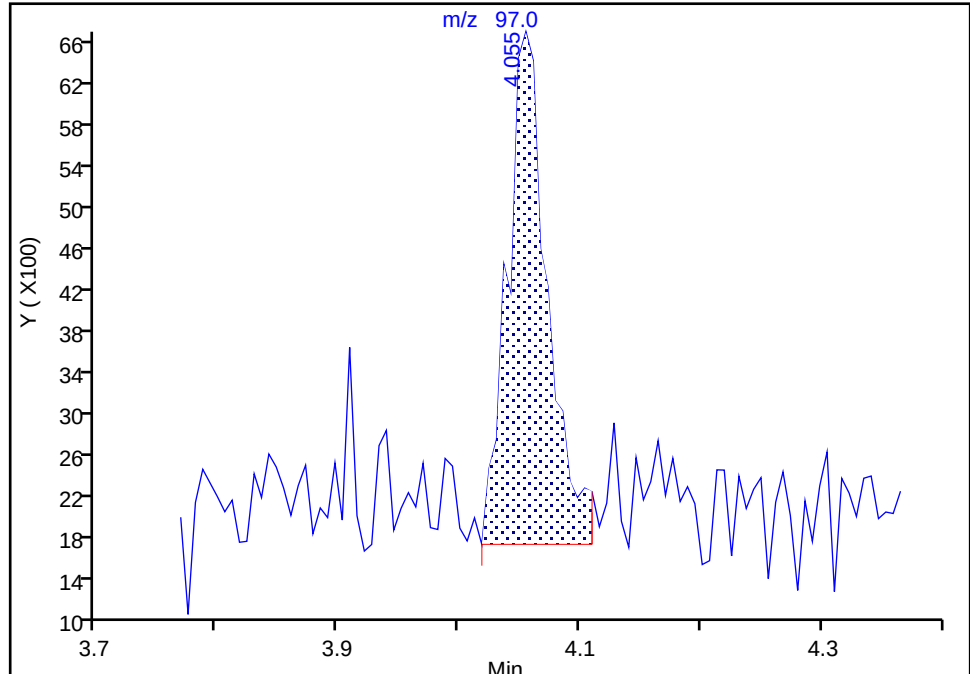
MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

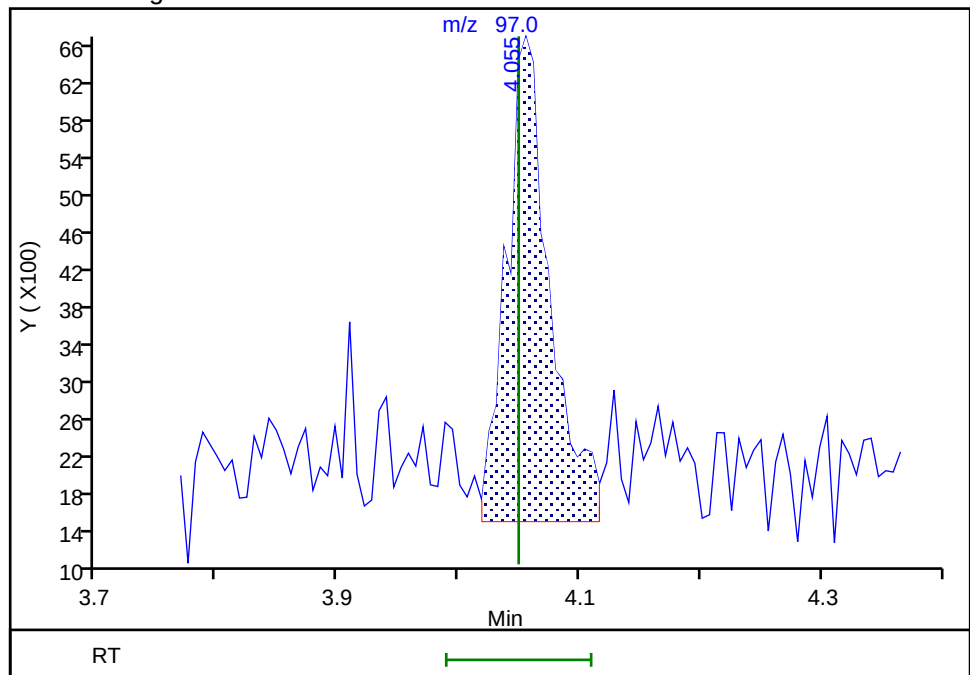
RT: 4.06
Area: 11311
Amount: 0.820282
Amount Units: ug/L

Processing Integration Results



RT: 4.06
Area: 12813
Amount: 0.916726
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:59:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d

Injection Date: 16-May-2025 16:50:30

Instrument ID: HP5973S

Lims ID: IC

Client ID:

Operator ID: AG/LH

ALS Bottle#: 14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

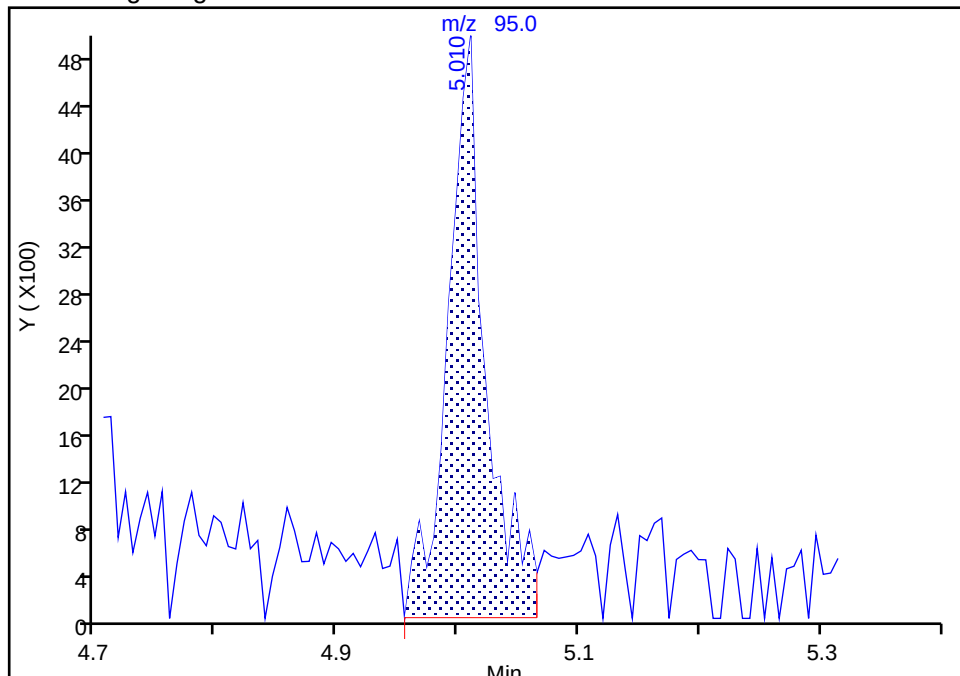
Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6

Signal: 1

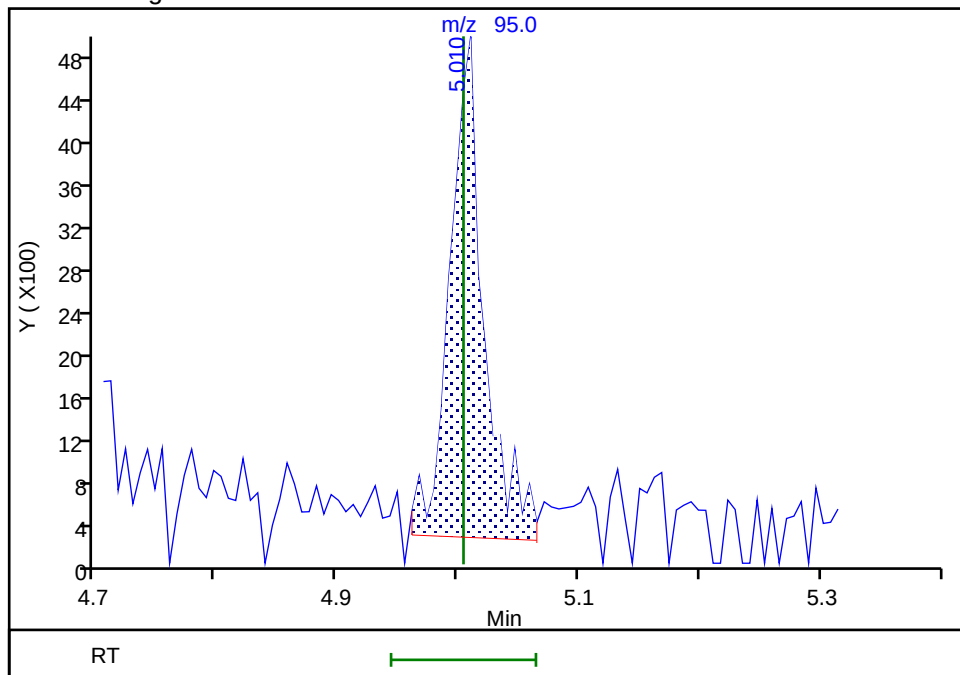
RT: 5.01
Area: 10894
Amount: 1.128016
Amount Units: ug/L

Processing Integration Results



RT: 5.01
Area: 9298
Amount: 0.983066
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:59:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

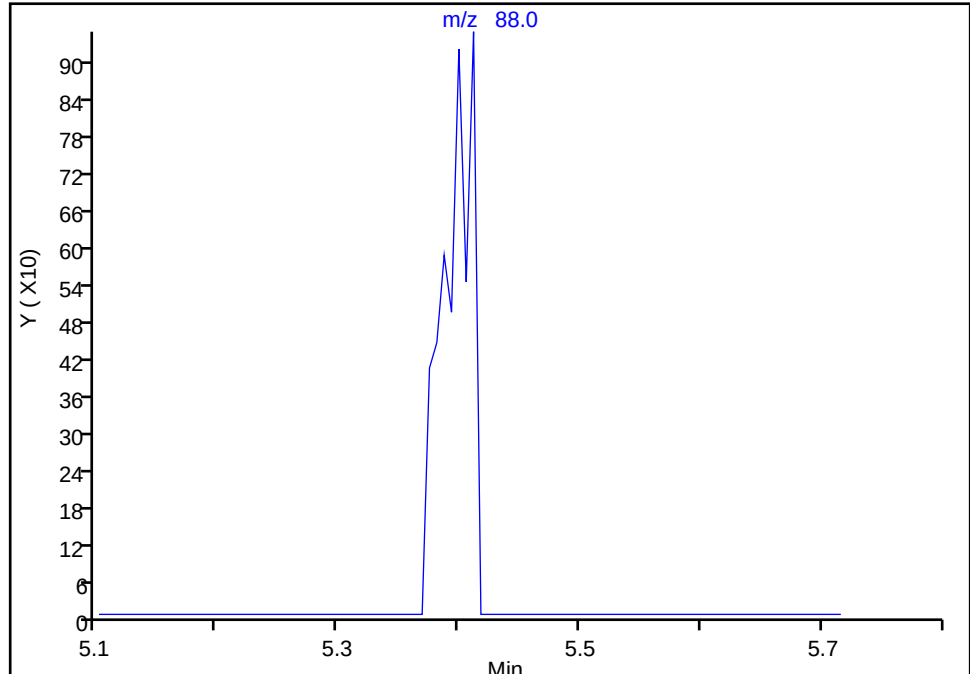
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d
Injection Date: 16-May-2025 16:50:30 Instrument ID: HP5973S
Lims ID: IC
Client ID:
Operator ID: AG/LH ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

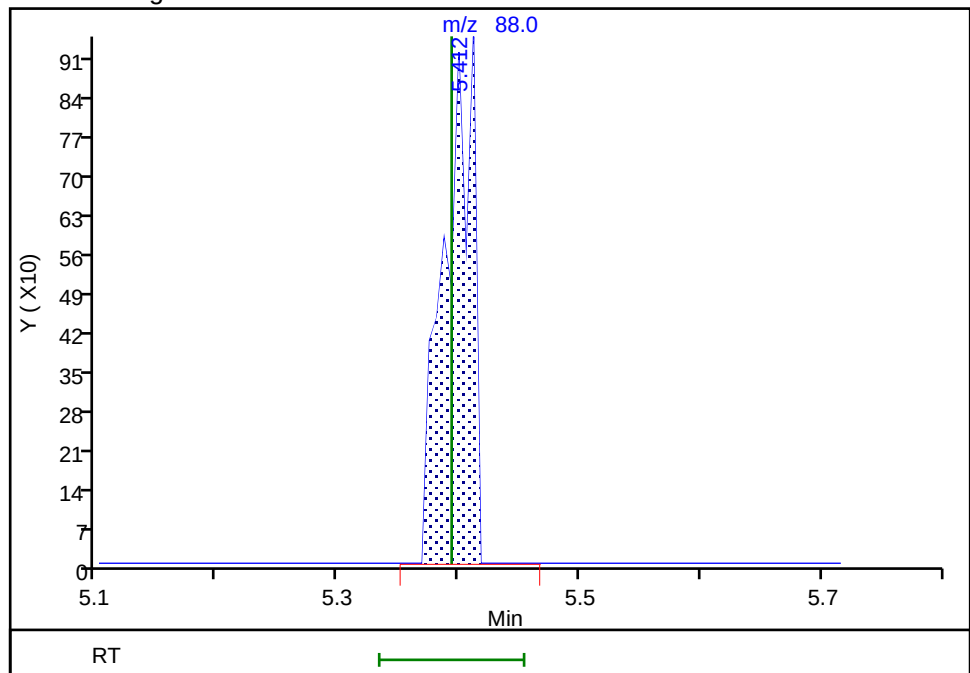
Not Detected
Expected RT: 5.39

Processing Integration Results



RT: 5.41
Area: 1568
Amount: 17.999981
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 11:19:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d

Injection Date: 16-May-2025 16:50:30

Instrument ID: HP5973S

Lims ID: IC

Client ID:

Operator ID: AG/LH

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

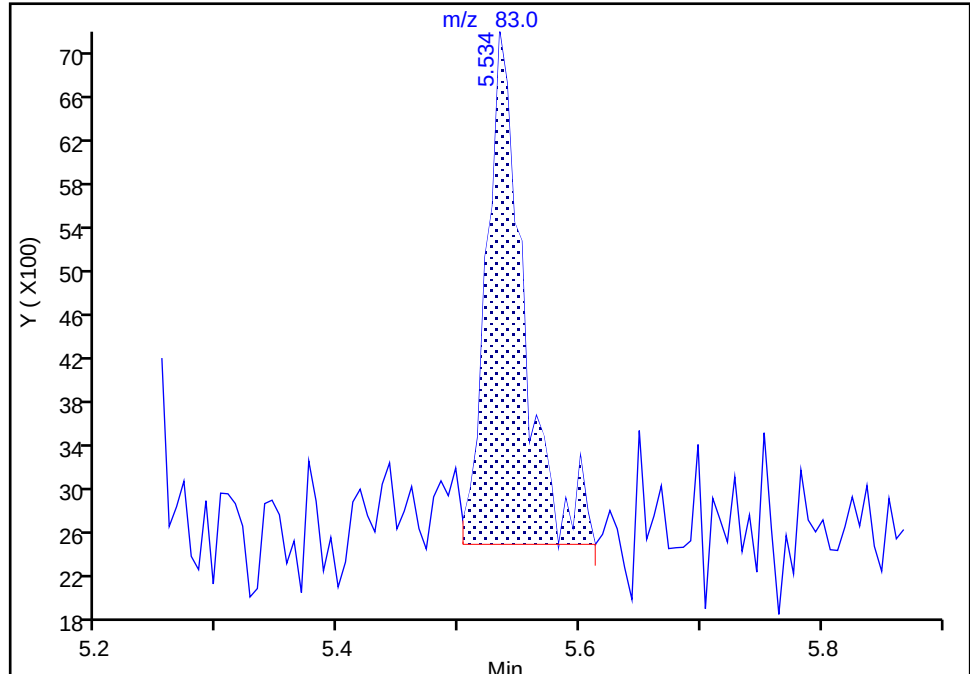
MS SCAN

68 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

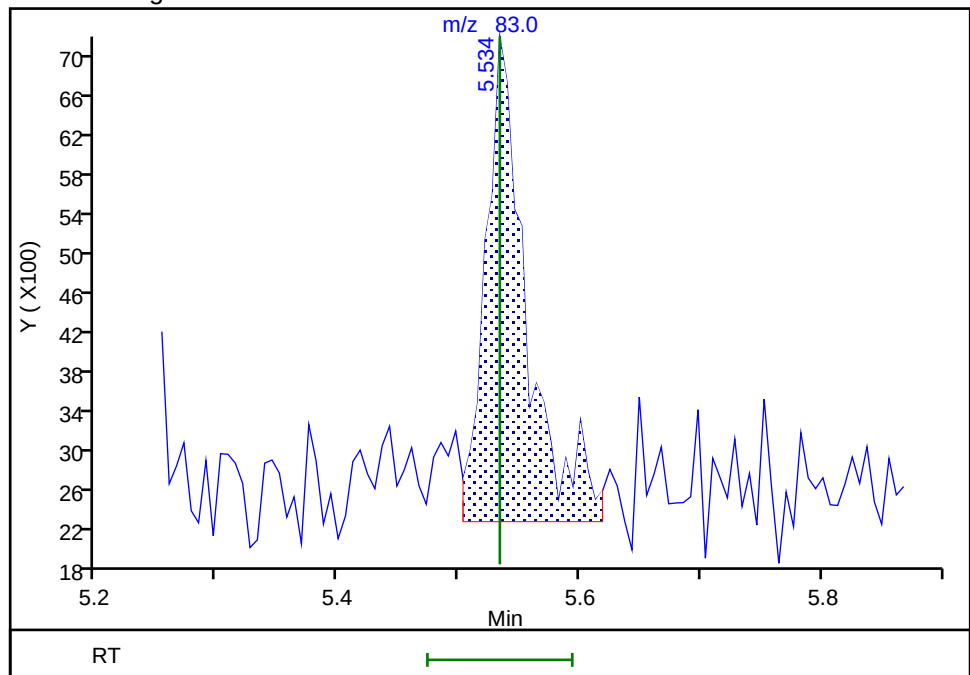
RT: 5.53
Area: 9925
Amount: 0.827537
Amount Units: ug/L

Processing Integration Results



RT: 5.53
Area: 11485
Amount: 0.942287
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:59:43 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8279.d

Injection Date: 16-May-2025 16:50:30

Instrument ID: HP5973S

Lims ID: IC

Client ID:

Operator ID: AG/LH

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

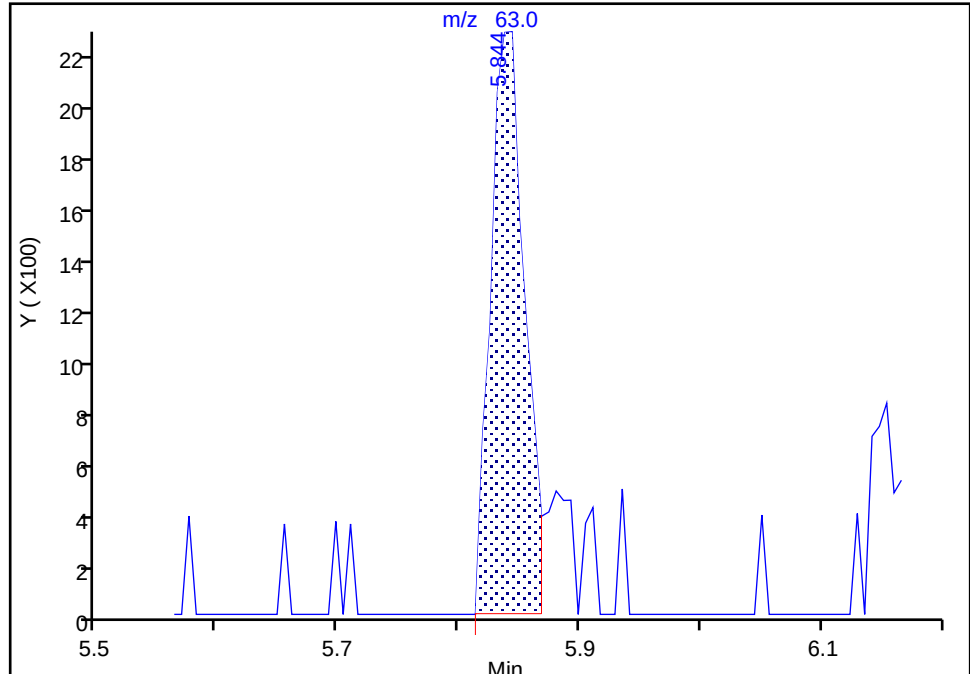
MS SCAN

69 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

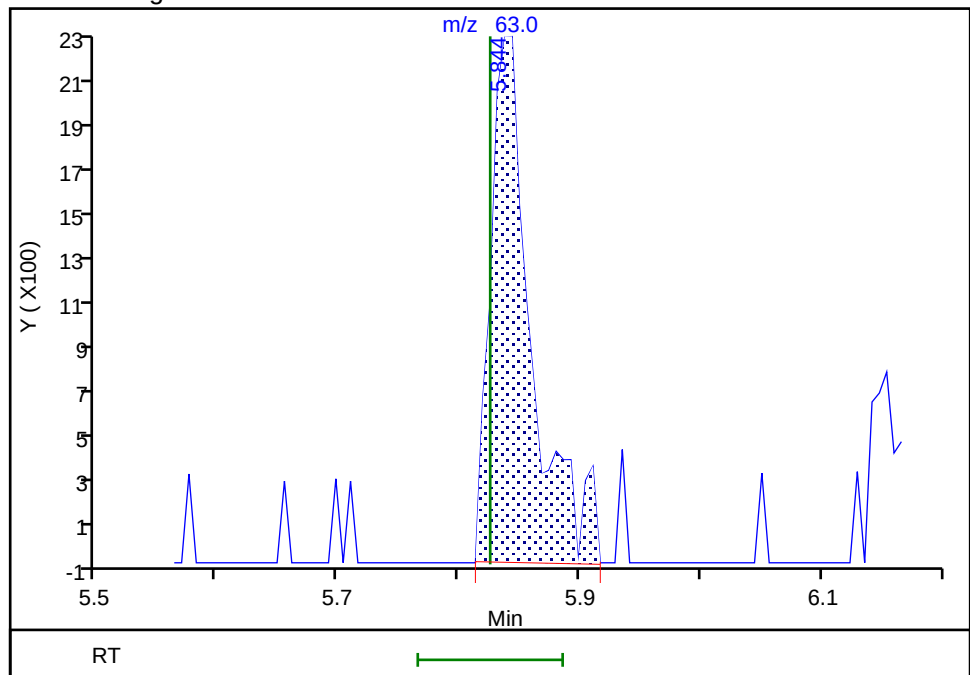
RT: 5.84
Area: 4474
Amount: 0.690159
Amount Units: ug/L

Processing Integration Results



RT: 5.84
Area: 5397
Amount: 0.817982
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 10:59:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8280.d
 Lims ID: IC 2
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 16-May-2025 17:14:30 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 2
 Misc. Info.: 480-0123611-015
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:24:55 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 18-May-2025 11:23:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	99	178796	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.608	7.608	0.000	86	386810	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	93	407637	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	58	252627	25.0	25.8	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	92	159349	25.0	26.1	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	82	958989	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	90	330270	25.0	24.5	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	93	22679	2.00	1.80	M
12 Chloromethane	50	1.099	1.099	0.000	95	26634	2.00	1.95	
13 Vinyl chloride	62	1.166	1.172	-0.006	63	16661	2.00	1.75	
151 Butadiene	54	1.172	1.172	0.000	98	23332	2.00	1.94	
14 Bromomethane	94	1.397	1.391	0.006	75	13226	2.00	2.00	
15 Chloroethane	64	1.458	1.452	0.006	84	13389	2.00	1.97	
16 Dichlorofluoromethane	67	1.628	1.628	0.000	86	30793	2.00	1.93	
17 Trichlorofluoromethane	101	1.628	1.634	-0.006	39	21356	2.00	1.70	
18 Ethyl ether	59	1.847	1.847	0.000	94	16691	2.00	1.96	a
20 Acrolein	56	2.005	2.005	0.000	93	14181	10.0	10.9	M
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.036	2.036	0.000	47	12311	2.00	1.77	
22 1,1-Dichloroethene	96	2.036	2.036	0.000	77	15200	2.00	2.02	
23 Acetone	43	2.151	2.151	0.000	97	47033	10.0	11.3	
25 Iodomethane	142	2.182	2.175	0.007	85	26322	2.00	1.89	
26 Carbon disulfide	76	2.218	2.206	0.012	95	41281	2.00	1.76	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	78	30856	2.00	1.76	
27 Methyl acetate	43	2.419	2.419	0.000	96	41943	4.00	3.85	
30 Methylene Chloride	84	2.510	2.504	0.006	83	25330	2.00	1.79	
31 2-Methyl-2-propanol	59	2.686	2.687	0.000	87	32956	20.0	21.4	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	92	54715	2.00	1.90	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	75	15799	2.00	1.83	
33 Acrylonitrile	53	2.778	2.778	0.000	95	84585	20.0	17.5	
35 Hexane	57	2.899	2.899	0.000	86	29857	2.00	1.99	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	69	27570	2.00	1.79	
37 Vinyl acetate	43	3.179	3.179	0.000	90	78728	4.00	3.57	M
44 2,2-Dichloropropane	77	3.605	3.605	0.000	76	18514	2.00	1.92	
45 cis-1,2-Dichloroethene	96	3.654	3.648	0.006	48	16535	2.00	1.80	
43 2-Butanone (MEK)	43	3.696	3.690	0.006	96	68460	10.0	10.4	M
48 Chlorobromomethane	128	3.879	3.873	0.006	79	10758	2.00	2.01	M
49 Tetrahydrofuran	42	3.897	3.891	0.006	87	19816	4.00	4.48	
50 Chloroform	83	3.958	3.958	0.000	77	29438	2.00	1.95	
51 1,1,1-Trichloroethane	97	4.055	4.049	0.006	76	24218	2.00	1.83	
52 Cyclohexane	56	4.049	4.049	0.000	81	33539	2.00	1.91	
55 Carbon tetrachloride	117	4.183	4.183	0.000	75	21291	2.00	1.80	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	71	20616	2.00	1.84	
57 Benzene	78	4.396	4.396	0.000	47	58049	2.00	1.76	
53 Isobutyl alcohol	43	4.475	4.463	0.012	66	27985	50.0	44.4	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	24	25577	2.00	1.97	
59 n-Heptane	43	4.597	4.591	0.006	85	26779	2.00	1.73	
62 Trichloroethene	95	5.010	5.004	0.006	81	16881	2.00	1.89	
64 Methylcyclohexane	83	5.108	5.108	0.000	86	29732	2.00	1.87	
65 1,2-Dichloropropane	63	5.235	5.236	-0.001	91	17118	2.00	1.95	
67 Dibromomethane	93	5.375	5.375	0.000	79	10857	2.00	1.93	
66 1,4-Dioxane	88	5.394	5.394	0.000	0	3563	40.0	40.7	M
68 Dichlorobromomethane	83	5.534	5.534	0.000	81	25082	2.00	2.17	
69 2-Chloroethyl vinyl ether	63	5.832	5.826	0.006	76	12240	2.00	1.96	
72 cis-1,3-Dichloropropene	75	5.953	5.947	0.006	72	26521	2.00	1.84	
73 4-Methyl-2-pentanone (MIBK)	43	6.105	6.099	0.006	97	127231	10.0	9.43	
74 Toluene	92	6.221	6.215	0.006	73	42238	2.00	1.84	
77 trans-1,3-Dichloropropene	75	6.519	6.513	0.006	87	24782	2.00	1.74	
75 Ethyl methacrylate	69	6.580	6.574	0.006	87	29388	2.00	2.16	
79 1,1,2-Trichloroethane	83	6.702	6.696	0.006	82	15131	2.00	2.15	
81 Tetrachloroethene	166	6.732	6.732	0.000	74	18452	2.00	1.80	
82 1,3-Dichloropropane	76	6.854	6.848	0.006	88	25112	2.00	1.76	
80 2-Hexanone	43	6.939	6.933	0.006	97	88944	10.0	10.2	
83 Chlorodibromomethane	129	7.079	7.079	0.000	73	18086	2.00	1.79	
84 Ethylene Dibromide	107	7.170	7.164	0.006	77	15414	2.00	1.77	
87 Chlorobenzene	112	7.638	7.639	-0.001	76	45940	2.00	1.73	
88 Ethylbenzene	91	7.742	7.742	0.000	96	73092	2.00	1.71	
89 1,1,1,2-Tetrachloroethane	131	7.742	7.748	-0.006	33	17062	2.00	1.77	
90 m-Xylene & p-Xylene	106	7.870	7.864	0.006	97	31075	2.00	1.78	
91 o-Xylene	106	8.283	8.283	0.000	92	29656	2.00	1.75	
92 Styrene	104	8.320	8.314	0.006	63	48631	2.00	1.75	
95 Bromoform	173	8.551	8.551	0.000	81	12948	2.00	1.79	
94 Isopropylbenzene	105	8.673	8.667	0.006	87	67806	2.00	1.75	
101 Bromobenzene	156	9.013	9.001	0.012	80	22009	2.00	1.91	
97 1,1,2,2-Tetrachloroethane	83	9.105	9.105	0.000	46	22241	2.00	1.92	
99 N-Propylbenzene	91	9.111	9.111	0.000	97	84333	2.00	1.76	
100 1,2,3-Trichloropropane	110	9.129	9.123	0.006	59	9482	2.00	2.22	
98 trans-1,4-Dichloro-2-butene	53	9.159	9.147	0.012	1	8925	2.00	1.78	
103 2-Chlorotoluene	126	9.208	9.208	0.000	91	19263	2.00	1.79	
102 1,3,5-Trimethylbenzene	105	9.311	9.305	0.006	89	63408	2.00	1.81	
105 4-Chlorotoluene	126	9.336	9.330	0.006	92	21466	2.00	1.86	
106 tert-Butylbenzene	134	9.646	9.640	0.006	86	14574	2.00	1.75	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	91	64317	2.00	1.76	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	90	74286	2.00	1.70	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	91	38027	2.00	1.78	
110 4-Isopropyltoluene	119	10.017	10.023	-0.006	96	70215	2.00	1.77	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	14	39891	2.00	1.79	
115 n-Butylbenzene	91	10.425	10.425	0.000	90	58315	2.00	1.72	
116 1,2-Dichlorobenzene	146	10.455	10.449	0.006	88	36047	2.00	1.76	
117 1,2-Dibromo-3-Chloropropane	75	11.216	11.210	0.006	43	3912	2.00	1.57	
119 1,2,4-Trichlorobenzene	180	11.897	11.891	0.006	82	26000	2.00	1.80	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	81	12424	2.00	1.77	
121 Naphthalene	128	12.104	12.104	0.000	96	72254	2.00	1.80	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	88	25075	2.00	1.89	
S 126 1,3-Dichloropropene, Total	1				0			3.59	
S 125 1,2-Dichloroethene, Total	1				0			3.63	
S 123 Total BTEX	1				0			8.85	
S 124 Xylenes, Total	1				0			3.53	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00267

Amount Added: 2.00

Units: uL

GAS CORP mix_00677

Amount Added: 2.00

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8280.d

Injection Date: 16-May-2025 17:14:30

Instrument ID: HP5973S

Lims ID: IC 2

Operator ID: AG/LH

Client ID:

Worklist Smp#: 15

Purge Vol: 5.000 mL

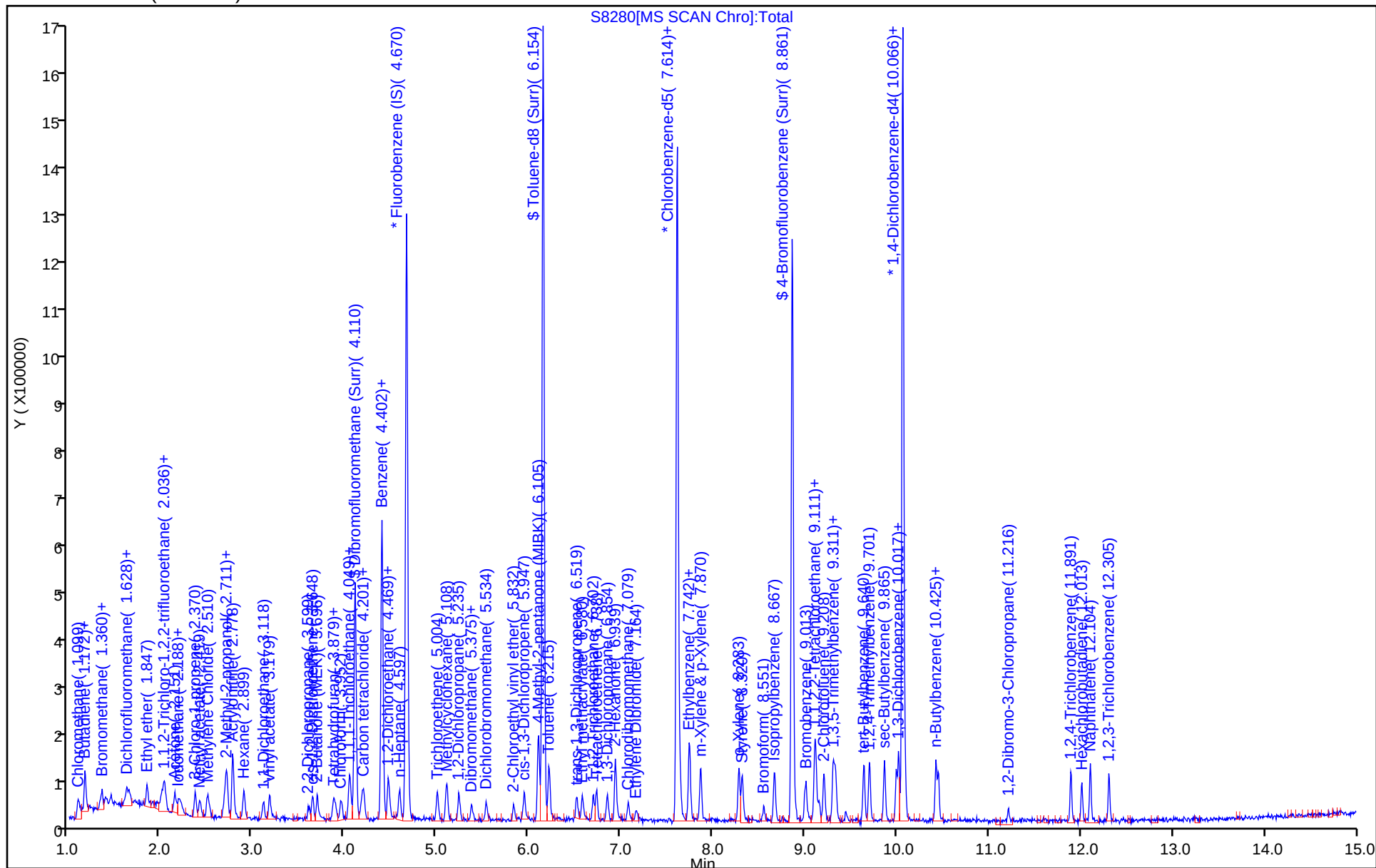
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8280.d

Injection Date: 16-May-2025 17:14:30

Instrument ID: HP5973S

Lims ID: IC 2

Client ID:

Operator ID: AG/LH

ALS Bottle#:

15

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

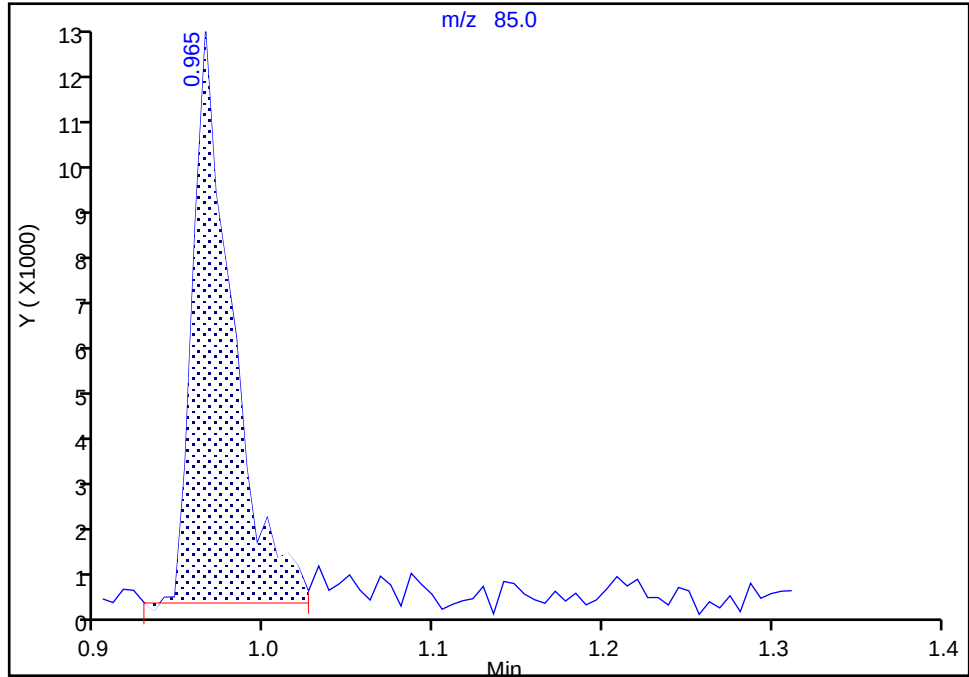
MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

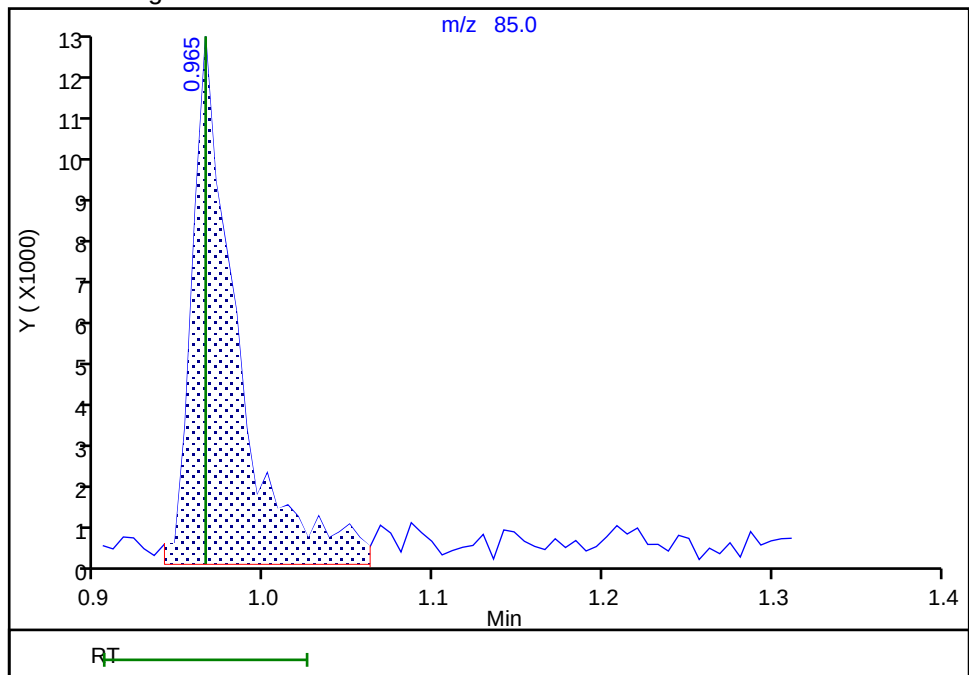
RT: 0.96
Area: 19195
Amount: 1.554360
Amount Units: ug/L

Processing Integration Results



RT: 0.96
Area: 22679
Amount: 1.804664
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 11:00:57 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8280.d

Injection Date: 16-May-2025 17:14:30

Instrument ID: HP5973S

Lims ID: IC 2

Client ID:

Operator ID: AG/LH

ALS Bottle#:

15

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

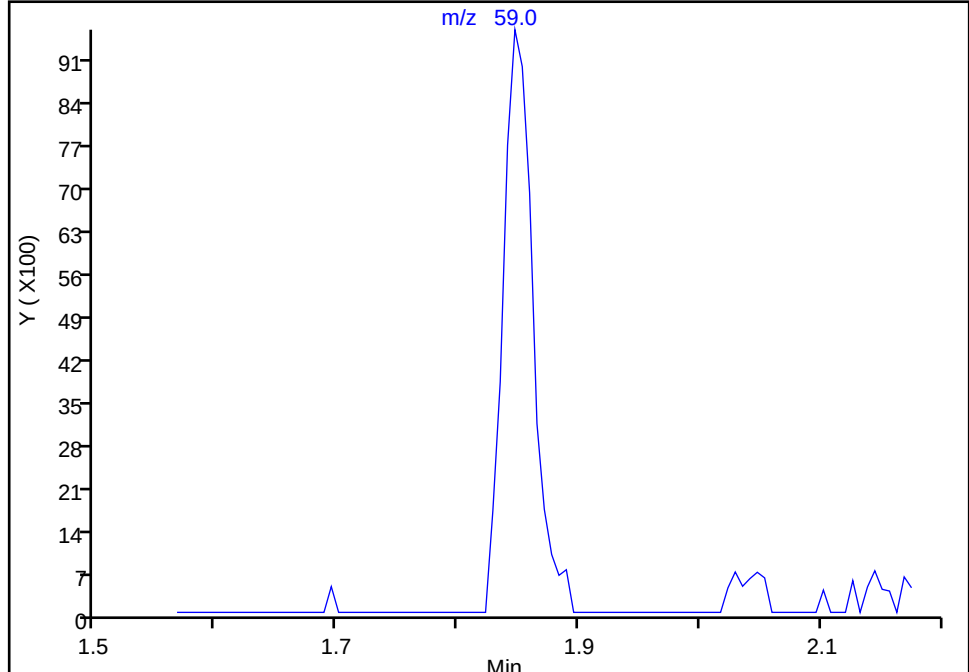
18 Ethyl ether, CAS: 60-29-7

Signal: 1

Not Detected

Expected RT: 1.85

Processing Integration Results



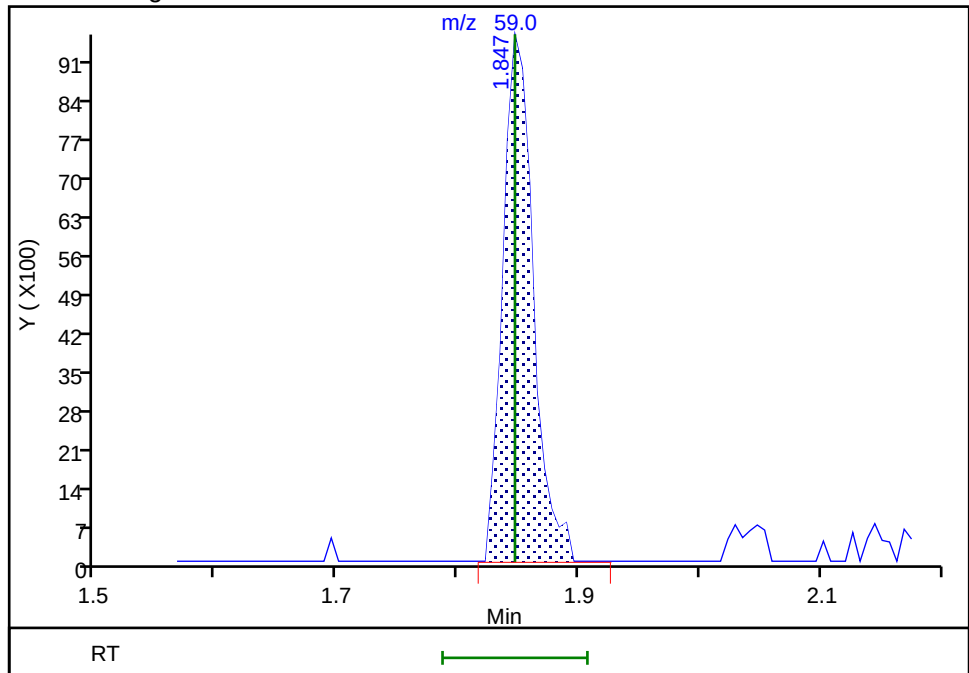
RT: 1.85

Area: 16691

Amount: 1.960260

Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 11:21:19 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8280.d

Injection Date: 16-May-2025 17:14:30

Instrument ID: HP5973S

Lims ID: IC 2

Client ID:

Operator ID: AG/LH

ALS Bottle#:

15

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

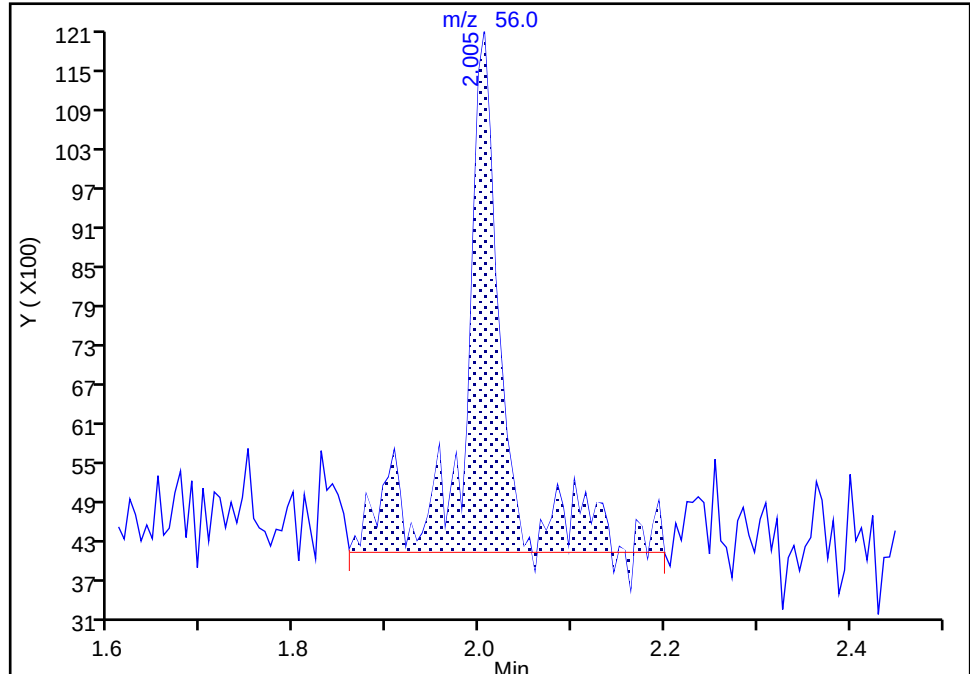
Detector: MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

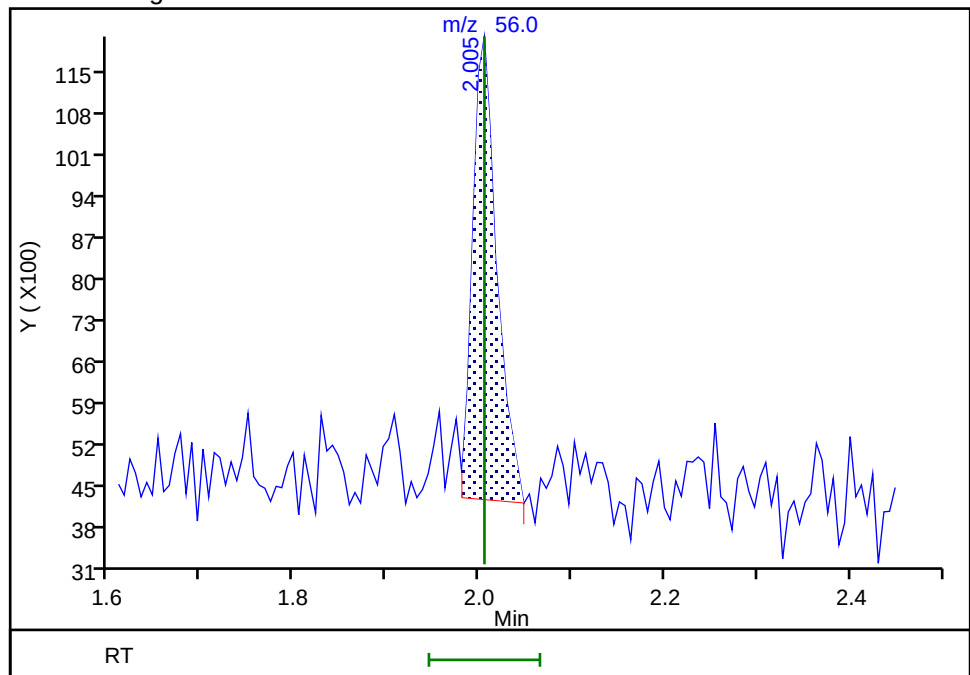
RT: 2.01
Area: 23387
Amount: 16.069912
Amount Units: ug/L

Processing Integration Results



RT: 2.01
Area: 14181
Amount: 10.904105
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 11:01:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8280.d

Injection Date: 16-May-2025 17:14:30

Instrument ID: HP5973S

Lims ID: IC 2

Client ID:

Operator ID: AG/LH

ALS Bottle#:

15

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: S-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

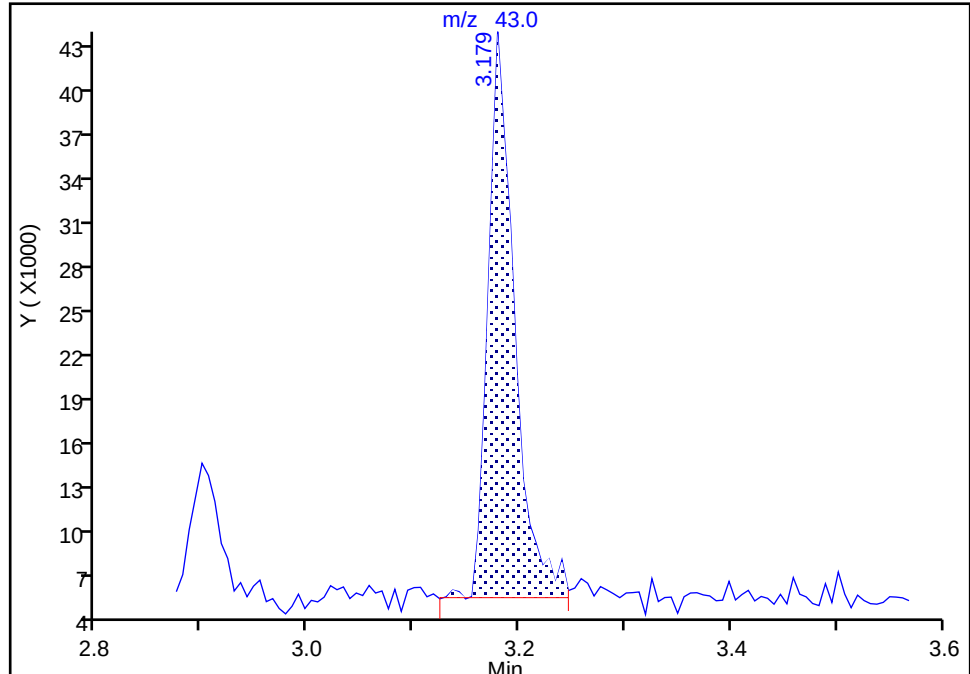
MS SCAN

37 Vinyl acetate, CAS: 108-05-4

Signal: 1

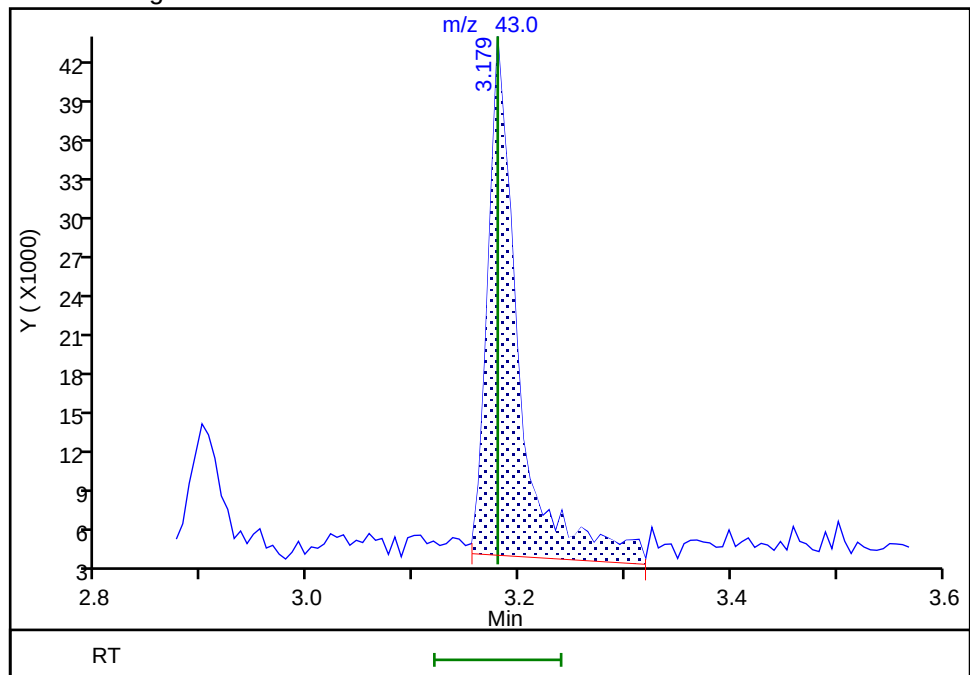
RT: 3.18
Area: 67114
Amount: 3.090071
Amount Units: ug/L

Processing Integration Results



RT: 3.18
Area: 78728
Amount: 3.565227
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 11:01:43 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8280.d

Injection Date: 16-May-2025 17:14:30

Instrument ID: HP5973S

Lims ID: IC 2

Client ID:

Operator ID: AG/LH

ALS Bottle#:

15

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

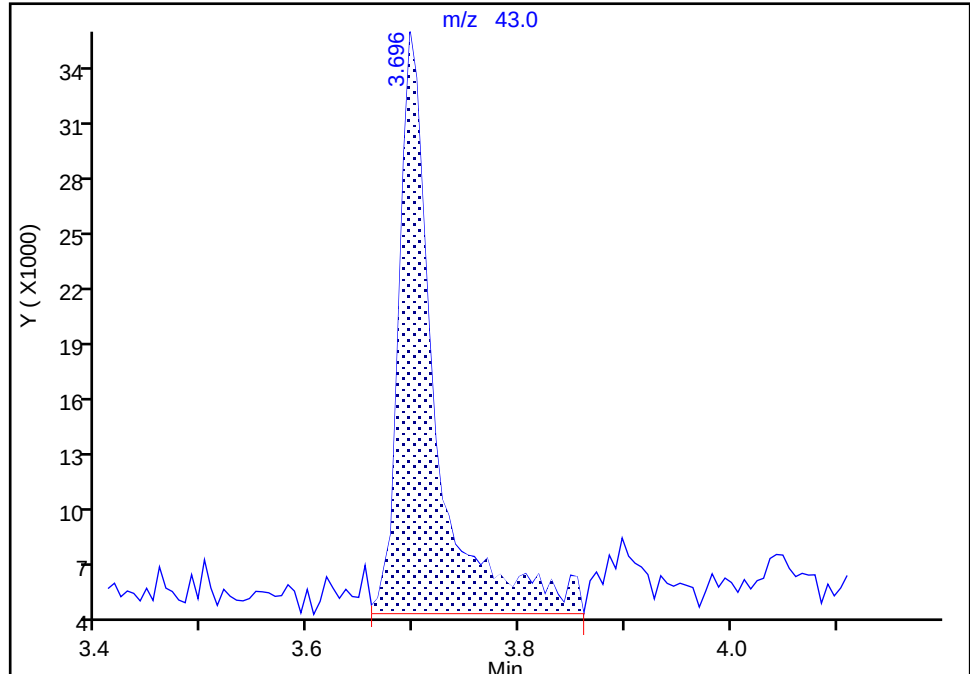
Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

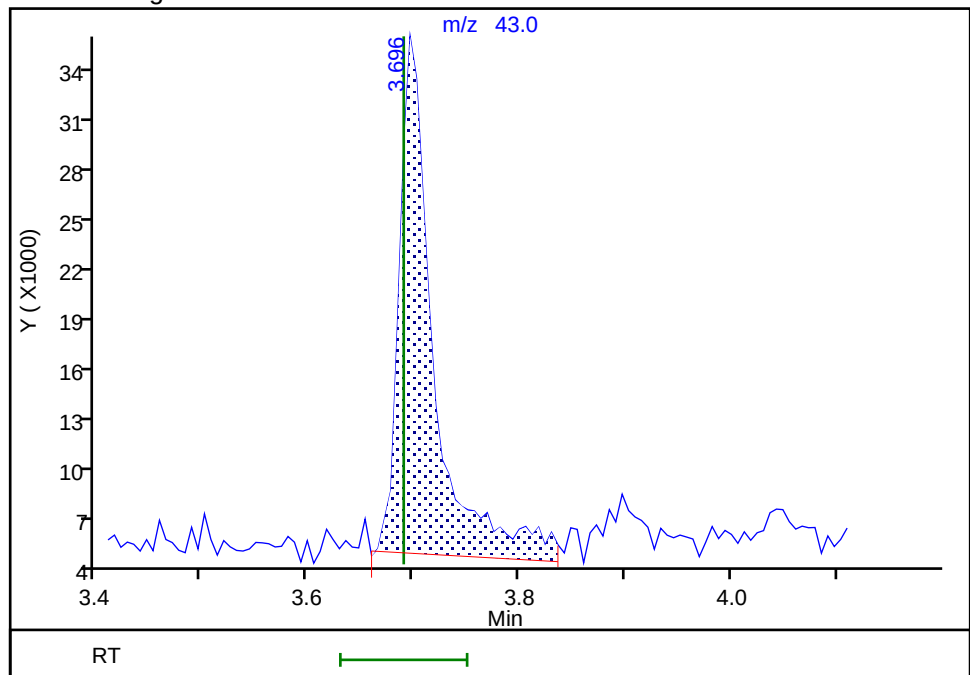
RT: 3.70
Area: 74451
Amount: 11.181559
Amount Units: ug/L

Processing Integration Results



RT: 3.70
Area: 68460
Amount: 10.398746
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 11:01:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

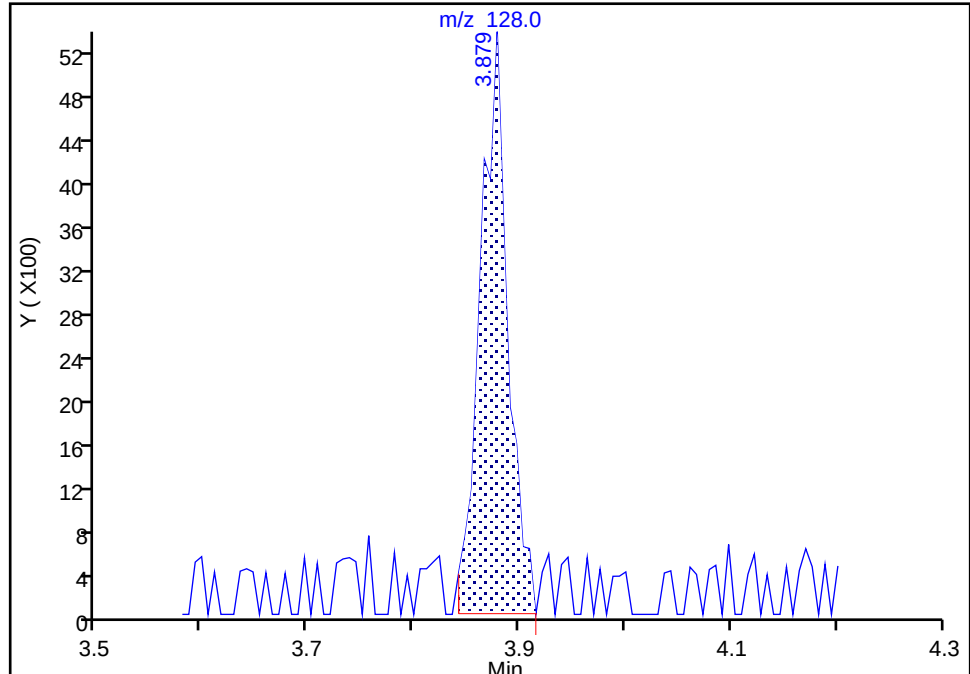
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8280.d
Injection Date: 16-May-2025 17:14:30 Instrument ID: HP5973S
Lims ID: IC 2
Client ID:
Operator ID: AG/LH ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

48 Chlorobromomethane, CAS: 74-97-5

Signal: 1

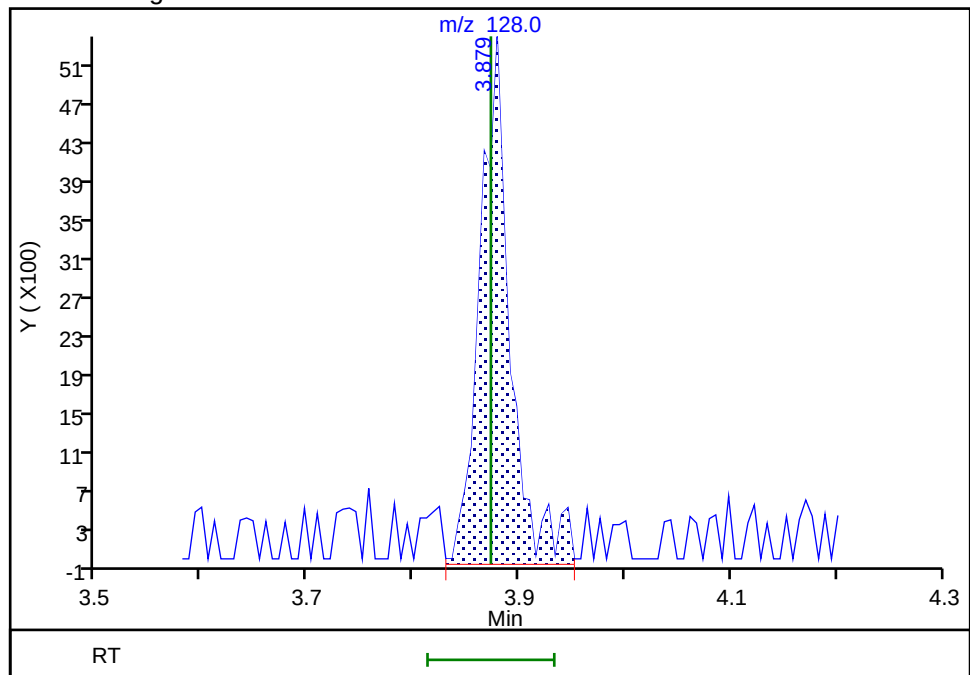
RT: 3.88
Area: 9708
Amount: 1.596282
Amount Units: ug/L

Processing Integration Results



RT: 3.88
Area: 10758
Amount: 2.007792
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 11:01:59 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

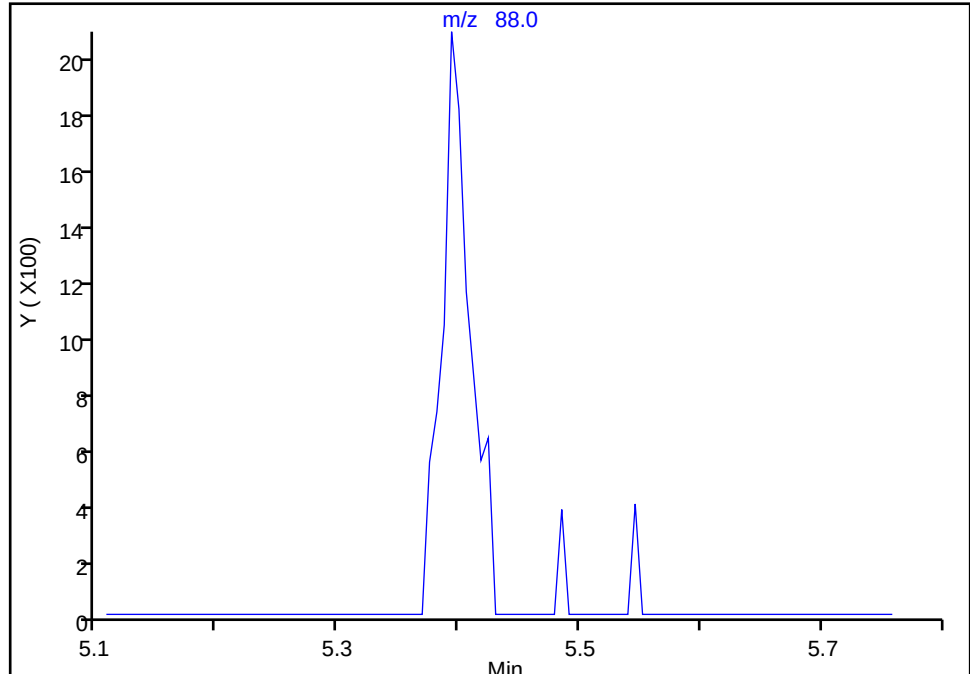
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8280.d
Injection Date: 16-May-2025 17:14:30 Instrument ID: HP5973S
Lims ID: IC 2
Client ID:
Operator ID: AG/LH ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

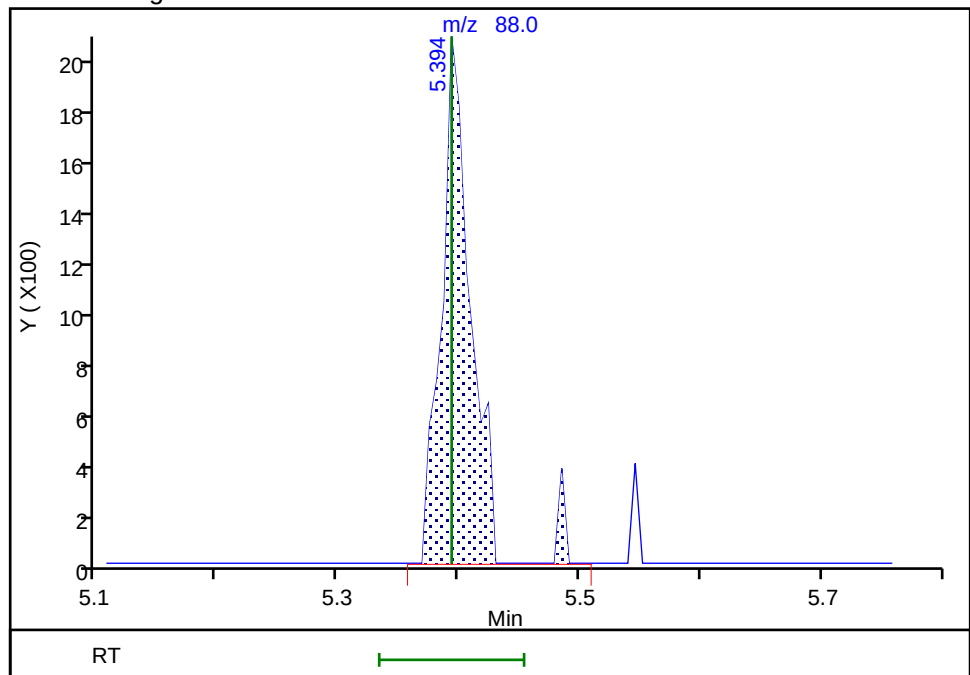
Not Detected
Expected RT: 5.39

Processing Integration Results



RT: 5.39
Area: 3563
Amount: 40.739218
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 18-May-2025 11:22:23 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8281.d
 Lims ID: IC 3
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 16-May-2025 17:37:30 ALS Bottle#: 16 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 3
 Misc. Info.: 480-0123611-016
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:25:10 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 18-May-2025 11:25:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	99	190841	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.608	0.006	85	386806	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	91	409398	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	65	253252	25.0	24.3	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	91	158513	25.0	24.3	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	83	976720	25.0	25.4	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	90	334341	25.0	24.9	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	86	71397	5.00	5.32	
12 Chloromethane	50	1.093	1.099	-0.006	87	77724	5.00	5.34	
13 Vinyl chloride	62	1.166	1.172	-0.006	62	53444	5.00	5.27	
151 Butadiene	54	1.172	1.172	0.000	94	66569	5.00	5.18	
14 Bromomethane	94	1.397	1.391	0.006	85	34605	5.00	4.91	
15 Chloroethane	64	1.452	1.452	0.000	96	35560	5.00	4.89	
16 Dichlorofluoromethane	67	1.628	1.628	0.000	80	82911	5.00	4.88	
17 Trichlorofluoromethane	101	1.640	1.634	0.006	62	70428	5.00	5.24	
18 Ethyl ether	59	1.847	1.847	0.000	93	45956	5.00	5.06	
20 Acrolein	56	2.005	2.005	0.000	83	36635	25.0	26.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.029	2.036	-0.007	68	38282	5.00	5.16	
22 1,1-Dichloroethene	96	2.036	2.036	0.000	84	35507	5.00	4.43	
23 Acetone	43	2.145	2.151	-0.006	93	102602	25.0	23.1	
25 Iodomethane	142	2.182	2.175	0.007	98	73576	5.00	4.95	
26 Carbon disulfide	76	2.206	2.206	0.000	97	126435	5.00	5.04	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	86	96057	5.00	5.13	
27 Methyl acetate	43	2.419	2.419	0.000	99	114438	10.0	9.85	
30 Methylene Chloride	84	2.504	2.504	0.000	93	49509	5.00	4.25	
31 2-Methyl-2-propanol	59	2.687	2.687	0.000	87	81408	50.0	49.5	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	93	155272	5.00	5.05	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	83	47458	5.00	5.14	
33 Acrylonitrile	53	2.778	2.778	0.000	97	247930	50.0	47.9	
35 Hexane	57	2.899	2.899	0.000	94	79329	5.00	4.96	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	85	83618	5.00	5.09	
37 Vinyl acetate	43	3.179	3.179	0.000	97	239373	10.0	10.2	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	88	52975	5.00	5.15	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	69	46857	5.00	4.79	
43 2-Butanone (MEK)	43	3.696	3.690	0.006	98	166367	25.0	23.7	
48 Chlorobromomethane	128	3.879	3.873	0.006	90	26963	5.00	4.71	
49 Tetrahydrofuran	42	3.891	3.891	0.000	95	47349	10.0	10.0	
50 Chloroform	83	3.958	3.958	0.000	81	77773	5.00	4.82	
51 1,1,1-Trichloroethane	97	4.055	4.049	0.006	74	72885	5.00	5.16	
52 Cyclohexane	56	4.049	4.049	0.000	92	92090	5.00	4.92	
55 Carbon tetrachloride	117	4.183	4.183	0.000	82	64917	5.00	5.15	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	83	63386	5.00	5.31	
57 Benzene	78	4.396	4.396	0.000	70	181014	5.00	5.14	
53 Isobutyl alcohol	43	4.469	4.463	0.006	83	83444	125.0	124.1	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	52	68492	5.00	4.93	
59 n-Heptane	43	4.597	4.591	0.006	94	84669	5.00	5.12	
62 Trichloroethene	95	5.004	5.004	0.000	85	45152	5.00	4.73	
64 Methylcyclohexane	83	5.108	5.108	0.000	93	87045	5.00	5.13	
65 1,2-Dichloropropane	63	5.236	5.236	0.000	85	47076	5.00	5.03	
67 Dibromomethane	93	5.375	5.375	0.000	84	30633	5.00	5.10	
66 1,4-Dioxane	88	5.400	5.394	0.006	72	8842	100.0	101.1	
68 Dichlorobromomethane	83	5.534	5.534	0.000	84	60653	5.00	4.93	
69 2-Chloroethyl vinyl ether	63	5.826	5.826	0.000	88	34154	5.00	5.12	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	81	78948	5.00	5.14	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	325574	25.0	24.1	
74 Toluene	92	6.215	6.215	0.000	74	119711	5.00	5.23	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	94	74810	5.00	5.26	
75 Ethyl methacrylate	69	6.580	6.574	0.006	92	70546	5.00	5.18	
79 1,1,2-Trichloroethane	83	6.696	6.696	0.000	93	32735	5.00	4.65	
81 Tetrachloroethene	166	6.732	6.732	0.000	84	55356	5.00	5.41	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	95	71494	5.00	5.02	
80 2-Hexanone	43	6.939	6.933	0.006	98	221063	25.0	25.3	
83 Chlorodibromomethane	129	7.079	7.079	0.000	80	51266	5.00	5.08	
84 Ethylene Dibromide	107	7.170	7.164	0.006	92	45058	5.00	5.19	
87 Chlorobenzene	112	7.639	7.639	0.000	93	135701	5.00	5.12	
88 Ethylbenzene	91	7.742	7.742	0.000	99	217274	5.00	5.09	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	47	48533	5.00	5.02	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	98	91582	5.00	5.25	
91 o-Xylene	106	8.283	8.283	0.000	96	86120	5.00	5.09	
92 Styrene	104	8.320	8.314	0.006	94	137774	5.00	4.94	
95 Bromoform	173	8.551	8.551	0.000	94	38713	5.00	5.36	
94 Isopropylbenzene	105	8.667	8.667	0.000	95	207020	5.00	5.32	
101 Bromobenzene	156	9.007	9.001	0.006	88	58351	5.00	5.04	
97 1,1,2,2-Tetrachloroethane	83	9.099	9.105	-0.006	62	57648	5.00	4.95	
99 N-Propylbenzene	91	9.111	9.111	0.000	97	253155	5.00	5.26	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	58	21148	5.00	4.92	
98 trans-1,4-Dichloro-2-butene	53	9.153	9.147	0.006	91	26487	5.00	5.27	
103 2-Chlorotoluene	126	9.208	9.208	0.000	94	52014	5.00	4.80	
102 1,3,5-Trimethylbenzene	105	9.312	9.305	0.007	91	178697	5.00	5.09	
105 4-Chlorotoluene	126	9.330	9.330	0.000	97	58453	5.00	5.04	
106 tert-Butylbenzene	134	9.640	9.640	0.000	90	43412	5.00	5.20	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	59	182831	5.00	4.97	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	92	231501	5.00	5.28	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	97	111512	5.00	5.20	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	93	206206	5.00	5.16	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	91	112615	5.00	5.02	
115 n-Butylbenzene	91	10.425	10.425	0.000	94	177162	5.00	5.19	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	95	102356	5.00	4.98	
117 1,2-Dibromo-3-Chloropropane	75	11.210	11.210	0.000	68	12720	5.00	5.09	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	92	74794	5.00	5.17	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	87	37446	5.00	5.31	
121 Naphthalene	128	12.104	12.104	0.000	97	198539	5.00	4.94	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	92	67609	5.00	5.08	
S 126 1,3-Dichloropropene, Total	1				0			10.4	
S 125 1,2-Dichloroethene, Total	1				0			9.93	
S 123 Total BTEX	1				0			25.8	
S 124 Xylenes, Total	1				0			10.3	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00267

Amount Added: 5.00

Units: uL

GAS CORP mix_00677

Amount Added: 5.00

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8281.d

Injection Date: 16-May-2025 17:37:30

Instrument ID: HP5973S

Lims ID: IC 3

Client ID:

Operator ID: AG/LH

Worklist Smp#: 16

Purge Vol: 5.000 mL

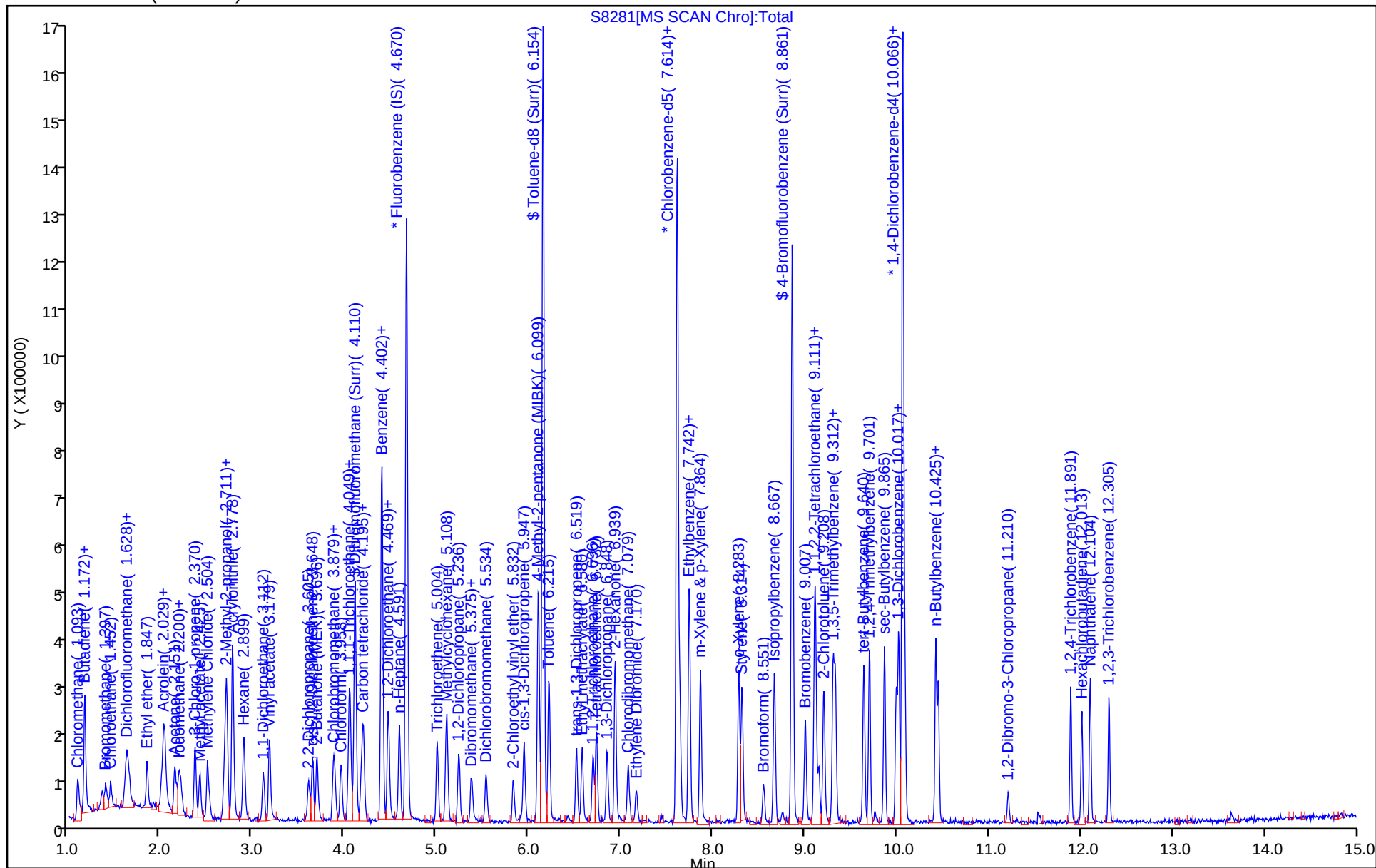
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8282.d
 Lims ID: IC 4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 16-May-2025 18:01:30 ALS Bottle#: 17 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 4
 Misc. Info.: 480-0123611-017
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:25:25 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 18-May-2025 11:26:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	97	179577	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.608	0.006	84	393637	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	87	430319	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	58	253772	25.0	25.8	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	88	159554	25.0	26.0	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	90	958468	25.0	24.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	90	342481	25.0	25.0	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	86	133917	10.0	10.6	
12 Chloromethane	50	1.099	1.099	0.000	82	145207	10.0	10.6	
13 Vinyl chloride	62	1.166	1.172	-0.006	55	112600	10.0	11.8	
151 Butadiene	54	1.172	1.172	0.000	96	137489	10.0	11.4	
14 Bromomethane	94	1.397	1.391	0.006	88	72765	10.0	11.0	
15 Chloroethane	64	1.451	1.452	-0.001	94	74283	10.0	10.9	
16 Dichlorofluoromethane	67	1.622	1.628	-0.006	82	169114	10.0	10.6	
17 Trichlorofluoromethane	101	1.634	1.634	0.000	60	146861	10.0	11.6	
18 Ethyl ether	59	1.847	1.847	0.000	95	89428	10.0	10.5	
20 Acrolein	56	2.005	2.005	0.000	97	59418	50.0	45.5	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.035	2.036	-0.001	61	80050	10.0	11.5	
22 1,1-Dichloroethene	96	2.035	2.036	-0.001	90	76805	10.0	10.2	
23 Acetone	43	2.145	2.151	-0.006	98	188105	50.0	45.1	
25 Iodomethane	142	2.175	2.175	0.000	97	150062	10.0	10.7	
26 Carbon disulfide	76	2.200	2.206	-0.006	98	265569	10.0	11.3	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	89	185408	10.0	10.5	
27 Methyl acetate	43	2.419	2.419	0.000	100	216071	20.0	19.8	
30 Methylene Chloride	84	2.504	2.504	0.000	93	96916	10.0	10.1	
31 2-Methyl-2-propanol	59	2.680	2.687	-0.006	90	154436	100.0	99.7	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	98	301909	10.0	10.4	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	91	93177	10.0	10.7	
33 Acrylonitrile	53	2.778	2.778	0.000	97	493166	100.0	101.3	
35 Hexane	57	2.899	2.899	0.000	95	144542	10.0	9.60	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	85	169690	10.0	11.0	
37 Vinyl acetate	43	3.179	3.179	0.000	97	438205	20.0	19.8	
44 2,2-Dichloropropane	77	3.611	3.605	0.006	89	106037	10.0	10.9	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	80	99163	10.0	10.8	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	98	304390	50.0	46.0	
48 Chlorobromomethane	128	3.873	3.873	0.000	91	54243	10.0	10.1	
49 Tetrahydrofuran	42	3.891	3.891	0.000	92	80646	20.0	18.2	
50 Chloroform	83	3.958	3.958	0.000	82	158782	10.0	10.5	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	78	141793	10.0	10.7	
52 Cyclohexane	56	4.049	4.049	0.000	87	184790	10.0	10.5	
55 Carbon tetrachloride	117	4.183	4.183	0.000	79	130656	10.0	11.0	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	90	125011	10.0	11.1	
57 Benzene	78	4.396	4.396	0.000	92	352329	10.0	10.6	
53 Isobutyl alcohol	43	4.469	4.463	0.006	83	165979	250.0	262.3	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	69	138454	10.0	10.6	
59 n-Heptane	43	4.591	4.591	0.000	96	161190	10.0	10.4	
62 Trichloroethene	95	4.998	5.004	-0.006	89	91079	10.0	10.1	
64 Methylcyclohexane	83	5.108	5.108	0.000	93	168743	10.0	10.6	
65 1,2-Dichloropropane	63	5.235	5.236	-0.001	87	92612	10.0	10.5	
67 Dibromomethane	93	5.369	5.375	-0.006	84	58662	10.0	10.4	
66 1,4-Dioxane	88	5.388	5.394	-0.006	54	16963	200.0	190.6	
68 Dichlorobromomethane	83	5.534	5.534	0.000	96	113017	10.0	9.75	
69 2-Chloroethyl vinyl ether	63	5.826	5.826	0.000	93	66423	10.0	10.6	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	84	153013	10.0	10.6	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	655021	50.0	47.7	
74 Toluene	92	6.221	6.215	0.006	78	232059	10.0	9.96	
77 trans-1,3-Dichloropropene	75	6.519	6.513	0.006	97	143638	10.0	9.93	
75 Ethyl methacrylate	69	6.580	6.574	0.006	95	133244	10.0	9.62	
79 1,1,2-Trichloroethane	83	6.695	6.696	-0.001	87	69653	10.0	9.71	
81 Tetrachloroethene	166	6.738	6.732	0.006	82	109299	10.0	10.5	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	94	145909	10.0	10.1	
80 2-Hexanone	43	6.933	6.933	0.000	99	435109	50.0	48.9	
83 Chlorodibromomethane	129	7.079	7.079	0.000	87	103815	10.0	10.1	
84 Ethylene Dibromide	107	7.170	7.164	0.006	93	90471	10.0	10.2	
87 Chlorobenzene	112	7.645	7.639	0.006	95	272431	10.0	10.1	
88 Ethylbenzene	91	7.742	7.742	0.000	98	460905	10.0	10.6	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	41	100486	10.0	10.2	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	98	185942	10.0	10.5	
91 o-Xylene	106	8.283	8.283	0.000	97	176764	10.0	10.3	
92 Styrene	104	8.314	8.314	0.000	94	292430	10.0	10.3	
95 Bromoform	173	8.551	8.551	0.000	93	76755	10.0	10.4	
94 Isopropylbenzene	105	8.667	8.667	0.000	96	422988	10.0	10.3	
101 Bromobenzene	156	9.007	9.001	0.006	86	127031	10.0	10.4	
97 1,1,2,2-Tetrachloroethane	83	9.105	9.105	0.000	52	120289	10.0	9.82	
99 N-Propylbenzene	91	9.111	9.111	0.000	98	540074	10.0	10.7	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	62	44638	10.0	9.89	
98 trans-1,4-Dichloro-2-butene	53	9.153	9.147	0.006	75	47392	10.0	8.97	
103 2-Chlorotoluene	126	9.208	9.208	0.000	94	109706	10.0	9.64	
102 1,3,5-Trimethylbenzene	105	9.311	9.305	0.006	95	384529	10.0	10.4	
105 4-Chlorotoluene	126	9.336	9.330	0.006	97	118173	10.0	9.69	
106 tert-Butylbenzene	134	9.646	9.640	0.006	91	93781	10.0	10.7	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	38	393848	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	94	491499	10.0	10.7	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	97	235307	10.0	10.4	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	93	436989	10.0	10.4	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	94	239701	10.0	10.2	
115 n-Butylbenzene	91	10.425	10.425	0.000	94	376673	10.0	10.5	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	95	221828	10.0	10.3	
117 1,2-Dibromo-3-Chloropropane	75	11.209	11.210	-0.001	73	26509	10.0	10.1	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	95	152214	10.0	10.0	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	94	77673	10.0	10.5	
121 Naphthalene	128	12.104	12.104	0.000	97	407502	10.0	9.64	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	94	138608	10.0	9.91	
S 126 1,3-Dichloropropene, Total	1				0			20.5	
S 125 1,2-Dichloroethene, Total	1				0			21.5	
S 123 Total BTEX	1				0			51.9	
S 124 Xylenes, Total	1				0			20.7	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00267

Amount Added: 5.00

Units: uL

GAS CORP mix_00677

Amount Added: 5.00

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8282.d

Injection Date: 16-May-2025 18:01:30

Instrument ID: HP5973S

Lims ID: IC 4

Operator ID: AG/LH

Client ID:

Worklist Smp#: 17

Purge Vol: 5.000 mL

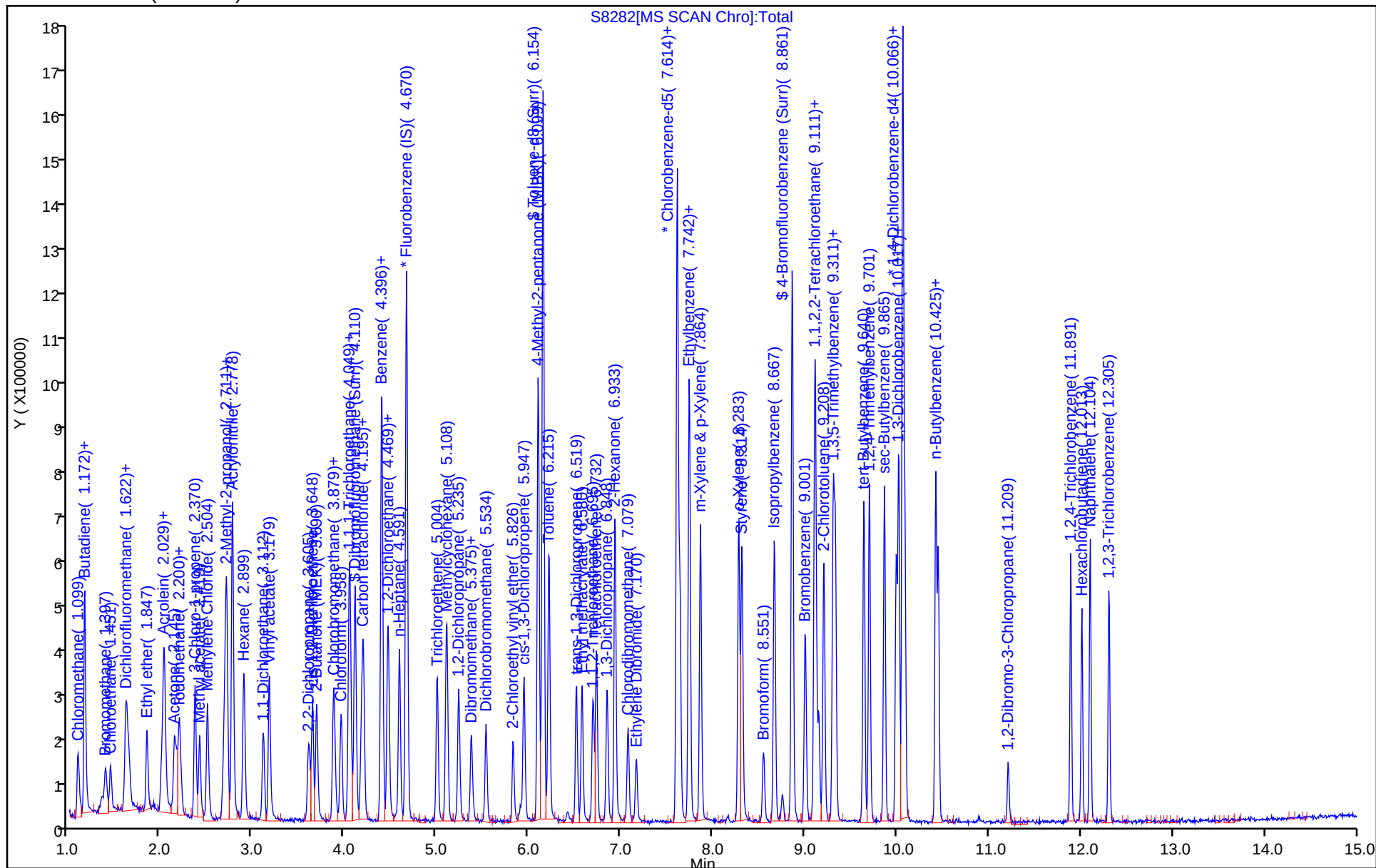
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8283.d
 Lims ID: ICIS 5
 Client ID:
 Sample Type: ICIS Calib Level: 6
 Inject. Date: 16-May-2025 18:24:30 ALS Bottle#: 18 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICIS 5
 Misc. Info.: 480-0123611-018
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:25:39 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 18-May-2025 11:27:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	185563	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.608	7.608	0.000	87	390914	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	72	428535	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	57	257603	25.0	25.4	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	58	155140	25.0	24.5	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	68	965121	25.0	24.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	89	338136	25.0	24.9	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	88	325001	25.0	24.9	
12 Chloromethane	50	1.099	1.099	0.000	82	346774	25.0	24.5	
13 Vinyl chloride	62	1.172	1.172	0.000	42	260790	25.0	26.4	
151 Butadiene	54	1.172	1.172	0.000	94	312188	25.0	25.0	
14 Bromomethane	94	1.391	1.391	0.000	90	157427	25.0	23.0	
15 Chloroethane	64	1.452	1.452	0.000	99	172363	25.0	24.4	
16 Dichlorofluoromethane	67	1.628	1.628	0.000	82	405620	25.0	24.5	
17 Trichlorofluoromethane	101	1.634	1.634	0.000	49	339520	25.0	26.0	
18 Ethyl ether	59	1.847	1.847	0.000	95	219356	25.0	24.8	
20 Acrolein	56	2.005	2.005	0.000	98	160351	125.0	118.8	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.036	2.036	0.000	59	199235	25.0	27.6	
22 1,1-Dichloroethene	96	2.036	2.036	0.000	87	189798	25.0	24.4	
23 Acetone	43	2.151	2.151	0.000	98	509600	125.0	118.2	
25 Iodomethane	142	2.175	2.175	0.000	98	377849	25.0	26.1	
26 Carbon disulfide	76	2.206	2.206	0.000	99	635749	25.0	26.1	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	88	461323	25.0	25.3	
27 Methyl acetate	43	2.419	2.419	0.000	99	544592	50.0	48.2	
30 Methylene Chloride	84	2.504	2.504	0.000	89	237814	25.0	25.6	
31 2-Methyl-2-propanol	59	2.687	2.687	0.000	85	399283	250.0	249.5	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	93	752809	25.0	25.2	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	82	226778	25.0	25.3	
33 Acrylonitrile	53	2.778	2.778	0.000	99	1276086	250.0	253.8	
35 Hexane	57	2.899	2.899	0.000	93	346395	25.0	22.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	85	414074	25.0	25.9	
37 Vinyl acetate	43	3.179	3.179	0.000	97	1171944	50.0	51.1	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	90	239156	25.0	23.9	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	67	244866	25.0	25.7	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	97	806446	125.0	118.0	
48 Chlorobromomethane	128	3.873	3.873	0.000	92	134596	25.0	24.2	
49 Tetrahydrofuran	42	3.891	3.891	0.000	92	220880	50.0	48.2	
50 Chloroform	83	3.958	3.958	0.000	82	397506	25.0	25.3	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	82	347675	25.0	25.3	
52 Cyclohexane	56	4.049	4.049	0.000	88	444281	25.0	24.4	
55 Carbon tetrachloride	117	4.183	4.183	0.000	80	314845	25.0	25.7	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	87	307833	25.0	26.5	
57 Benzene	78	4.396	4.396	0.000	96	880340	25.0	25.7	
53 Isobutyl alcohol	43	4.463	4.463	0.000	73	434320	625.0	664.2	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	76	346234	25.0	25.6	
59 n-Heptane	43	4.591	4.591	0.000	96	377654	25.0	23.5	
62 Trichloroethene	95	5.004	5.004	0.000	90	231784	25.0	24.9	
64 Methylcyclohexane	83	5.108	5.108	0.000	94	394230	25.0	23.9	
65 1,2-Dichloropropane	63	5.236	5.236	0.000	90	232775	25.0	25.6	
67 Dibromomethane	93	5.375	5.375	0.000	87	147086	25.0	25.2	
66 1,4-Dioxane	88	5.394	5.394	0.000	96	46989	500.0	531.6	
68 Dichlorobromomethane	83	5.534	5.534	0.000	89	296660	25.0	24.8	
69 2-Chloroethyl vinyl ether	63	5.826	5.826	0.000	92	169445	25.0	26.1	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	86	394385	25.0	26.4	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1683233	125.0	123.5	
74 Toluene	92	6.215	6.215	0.000	87	583623	25.0	25.2	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	95	365934	25.0	25.5	
75 Ethyl methacrylate	69	6.574	6.574	0.000	93	331192	25.0	24.1	
79 1,1,2-Trichloroethane	83	6.696	6.696	0.000	88	176442	25.0	24.8	
81 Tetrachloroethene	166	6.732	6.732	0.000	88	265486	25.0	25.7	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	96	368241	25.0	25.6	
80 2-Hexanone	43	6.933	6.933	0.000	98	1106425	125.0	125.2	
83 Chlorodibromomethane	129	7.079	7.079	0.000	86	258136	25.0	25.3	
84 Ethylene Dibromide	107	7.164	7.164	0.000	97	229177	25.0	26.1	
87 Chlorobenzene	112	7.639	7.639	0.000	94	681417	25.0	25.5	
88 Ethylbenzene	91	7.742	7.742	0.000	98	1115203	25.0	25.8	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	43	255455	25.0	26.2	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	99	446910	25.0	25.3	
91 o-Xylene	106	8.283	8.283	0.000	97	439935	25.0	25.7	
92 Styrene	104	8.314	8.314	0.000	93	739158	25.0	26.2	
95 Bromoform	173	8.551	8.551	0.000	94	195003	25.0	26.7	
94 Isopropylbenzene	105	8.667	8.667	0.000	96	1049921	25.0	25.8	
101 Bromobenzene	156	9.001	9.001	0.000	93	309783	25.0	25.6	
97 1,1,2,2-Tetrachloroethane	83	9.105	9.105	0.000	52	307155	25.0	25.2	
99 N-Propylbenzene	91	9.111	9.111	0.000	98	1337377	25.0	26.6	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	61	109481	25.0	24.4	
98 trans-1,4-Dichloro-2-butene	53	9.147	9.147	0.000	94	134447	25.0	25.5	
103 2-Chlorotoluene	126	9.208	9.208	0.000	95	278697	25.0	24.6	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	90	944099	25.0	25.7	
105 4-Chlorotoluene	126	9.330	9.330	0.000	98	300987	25.0	24.8	
106 tert-Butylbenzene	134	9.640	9.640	0.000	87	219429	25.0	25.1	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	63	990898	25.0	25.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	94	1204100	25.0	26.2	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	590476	25.0	26.3	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	94	1081417	25.0	25.9	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	95	599654	25.0	25.5	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	926421	25.0	25.9	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	96	566368	25.0	26.3	
117 1,2-Dibromo-3-Chloropropane	75	11.210	11.210	0.000	83	65758	25.0	25.1	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	93	404095	25.0	26.7	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	92	195075	25.0	26.4	
121 Naphthalene	128	12.104	12.104	0.000	97	1087275	25.0	25.8	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	94	378319	25.0	27.2	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00267	Amount Added: 12.50	Units: uL	
GAS CORP mix_00677	Amount Added: 12.50	Units: uL	
S_8260_IS_00418	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_Surr_00507	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8283.d

Injection Date: 16-May-2025 18:24:30

Instrument ID: HP5973S

Lims ID: ICIS 5

Operator ID: AG/LH

Client ID:

Worklist Smp#: 18

Purge Vol: 5.000 mL

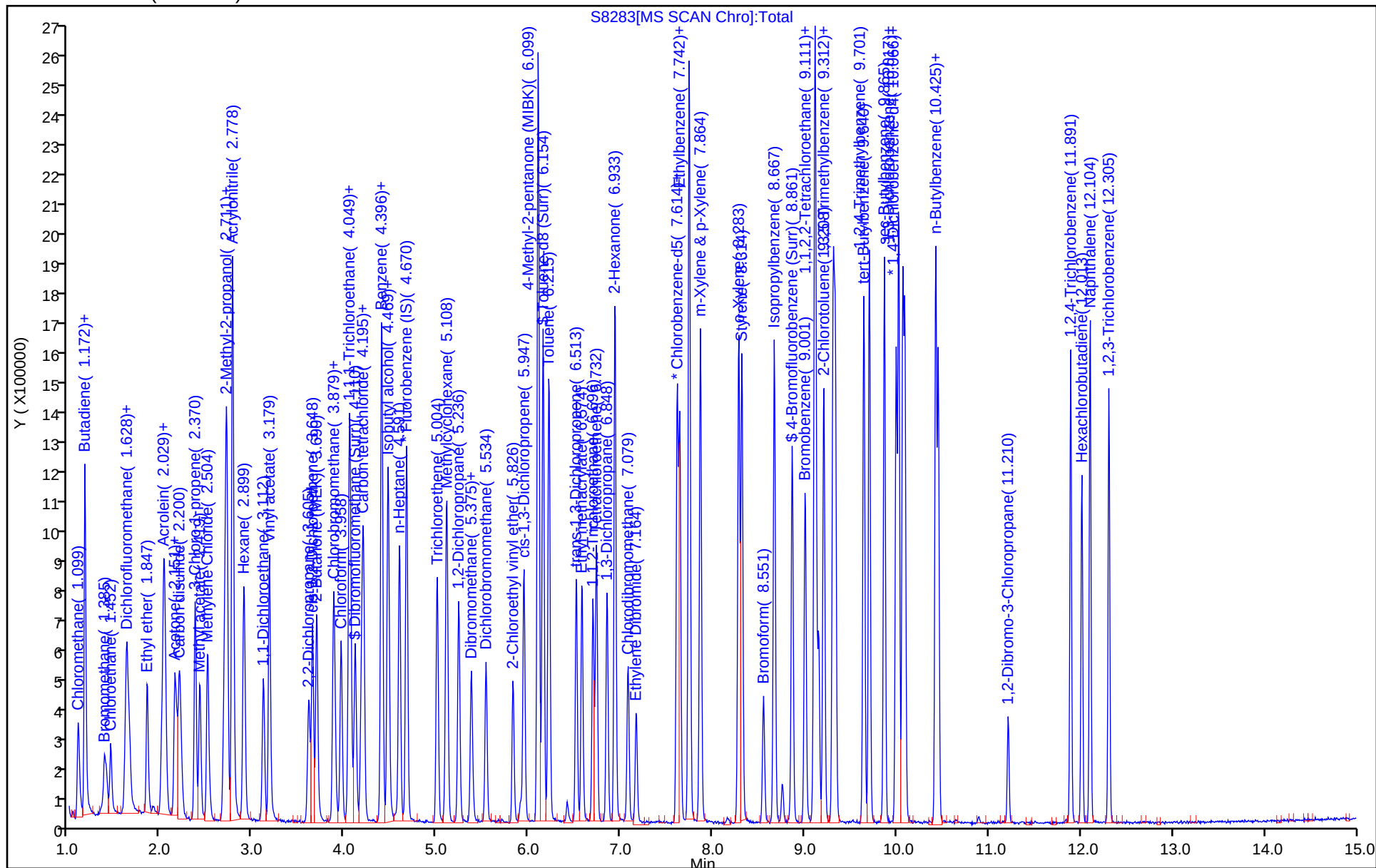
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8284.d
 Lims ID: IC 6
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 16-May-2025 18:47:30 ALS Bottle#: 19 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 6
 Misc. Info.: 480-0123611-019
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:25:54 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 18-May-2025 11:27:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	99	193698	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.608	0.006	85	394938	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	58	431799	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	57	258689	25.0	24.4	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	44	163957	25.0	24.8	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	44	988931	25.0	25.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	90	346436	25.0	25.2	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	88	696993	50.0	51.2	
12 Chloromethane	50	1.099	1.099	0.000	82	723946	50.0	49.0	
13 Vinyl chloride	62	1.172	1.172	0.000	41	544312	50.0	52.8	
151 Butadiene	54	1.172	1.172	0.000	95	655638	50.0	50.3	
14 Bromomethane	94	1.403	1.391	0.012	92	332158	50.0	46.4	
15 Chloroethane	64	1.458	1.452	0.006	94	344086	50.0	46.6	
16 Dichlorofluoromethane	67	1.628	1.628	0.000	82	839569	50.0	48.7	
17 Trichlorofluoromethane	101	1.634	1.634	0.000	51	728689	50.0	53.4	
18 Ethyl ether	59	1.847	1.847	0.000	96	451952	50.0	49.0	
20 Acrolein	56	2.005	2.005	0.000	94	330568	250.0	234.6	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.036	2.036	0.000	61	417079	50.0	55.4	
22 1,1-Dichloroethene	96	2.036	2.036	0.000	87	405157	50.0	49.8	
23 Acetone	43	2.151	2.151	0.000	98	1033627	250.0	229.7	
25 Iodomethane	142	2.182	2.175	0.007	97	774433	50.0	51.3	
26 Carbon disulfide	76	2.212	2.206	0.006	99	1358451	50.0	53.4	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	87	966318	50.0	50.8	
27 Methyl acetate	43	2.425	2.419	0.006	96	1133679	100.0	96.1	
30 Methylene Chloride	84	2.510	2.504	0.006	91	470748	50.0	49.6	
31 2-Methyl-2-propanol	59	2.687	2.687	0.001	84	797091	500.0	477.1	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	94	1571290	50.0	50.3	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	81	478967	50.0	51.1	
33 Acrylonitrile	53	2.778	2.778	0.000	98	2642207	500.0	503.4	
35 Hexane	57	2.899	2.899	0.000	95	785360	50.0	48.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	85	877365	50.0	52.7	
37 Vinyl acetate	43	3.179	3.179	0.000	97	2339762	100.0	97.8	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	89	494463	50.0	47.3	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	67	513239	50.0	51.7	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	97	1649187	250.0	231.2	
48 Chlorobromomethane	128	3.873	3.873	0.000	94	269398	50.0	46.4	
49 Tetrahydrofuran	42	3.885	3.891	-0.006	91	456613	100.0	95.4	
50 Chloroform	83	3.958	3.958	0.000	82	830887	50.0	50.7	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	80	729826	50.0	50.9	
52 Cyclohexane	56	4.049	4.049	0.000	95	972921	50.0	51.2	
55 Carbon tetrachloride	117	4.183	4.183	0.000	81	692827	50.0	54.1	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	89	664920	50.0	54.8	
57 Benzene	78	4.396	4.396	0.000	98	1889763	50.0	52.9	
53 Isobutyl alcohol	43	4.463	4.463	0.000	73	897083	1250.0	1314.2	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	82	728818	50.0	51.7	
59 n-Heptane	43	4.591	4.591	0.000	97	837127	50.0	49.8	
62 Trichloroethene	95	5.004	5.004	0.000	89	483082	50.0	49.8	
64 Methylcyclohexane	83	5.108	5.108	0.000	94	871875	50.0	50.7	
65 1,2-Dichloropropane	63	5.236	5.236	0.000	90	489197	50.0	51.5	
67 Dibromomethane	93	5.369	5.375	-0.006	93	307431	50.0	50.4	
66 1,4-Dioxane	88	5.388	5.394	-0.006	58	90245	1000.0	1010.6	
68 Dichlorobromomethane	83	5.534	5.534	0.000	90	626799	50.0	50.1	
69 2-Chloroethyl vinyl ether	63	5.826	5.826	0.000	91	352057	50.0	52.0	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	87	830936	50.0	53.3	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	3569831	250.0	259.2	
74 Toluene	92	6.215	6.215	0.000	88	1242298	50.0	53.1	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	95	778214	50.0	53.6	
75 Ethyl methacrylate	69	6.574	6.574	0.000	76	706386	50.0	50.8	
79 1,1,2-Trichloroethane	83	6.696	6.696	0.000	87	361161	50.0	50.2	
81 Tetrachloroethene	166	6.732	6.732	0.000	85	554180	50.0	53.0	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	97	776779	50.0	53.5	
80 2-Hexanone	43	6.933	6.933	0.000	99	2354245	250.0	263.6	
83 Chlorodibromomethane	129	7.079	7.079	0.000	86	549583	50.0	53.4	
84 Ethylene Dibromide	107	7.164	7.164	0.000	98	470129	50.0	53.0	
87 Chlorobenzene	112	7.639	7.639	0.000	93	1425112	50.0	52.7	
88 Ethylbenzene	91	7.742	7.742	0.000	98	2388819	50.0	54.8	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	43	535998	50.0	54.3	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	99	937355	50.0	52.6	
91 o-Xylene	106	8.283	8.283	0.000	97	911058	50.0	52.7	
92 Styrene	104	8.314	8.314	0.000	88	1505159	50.0	52.9	
95 Bromoform	173	8.551	8.551	0.000	94	402762	50.0	54.6	
94 Isopropylbenzene	105	8.667	8.667	0.000	96	2183731	50.0	53.2	
101 Bromobenzene	156	9.001	9.001	0.000	94	631234	50.0	51.7	
97 1,1,2,2-Tetrachloroethane	83	9.105	9.105	0.000	52	620620	50.0	50.5	
99 N-Propylbenzene	91	9.111	9.111	0.000	98	2837191	50.0	55.9	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	59	219546	50.0	48.5	
98 trans-1,4-Dichloro-2-butene	53	9.153	9.147	0.006	94	277907	50.0	52.4	
103 2-Chlorotoluene	126	9.208	9.208	0.000	97	589017	50.0	51.6	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	93	1973619	50.0	53.3	
105 4-Chlorotoluene	126	9.330	9.330	0.000	98	614535	50.0	50.2	
106 tert-Butylbenzene	134	9.640	9.640	0.000	92	473052	50.0	53.7	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	58	2055204	50.0	53.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	94	2548026	50.0	55.1	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	1221729	50.0	54.1	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	95	2294835	50.0	54.5	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	96	1243714	50.0	52.6	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	2001032	50.0	55.6	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	97	1162756	50.0	53.7	
117 1,2-Dibromo-3-Chloropropane	75	11.210	11.210	0.000	82	136144	50.0	51.6	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	93	824923	50.0	54.0	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	94	396848	50.0	53.4	
121 Naphthalene	128	12.104	12.104	0.000	97	2257404	50.0	53.2	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	95	757204	50.0	53.9	
S 126 1,3-Dichloropropene, Total	1				0			107.0	
S 125 1,2-Dichloroethene, Total	1				0			102.8	
S 123 Total BTEX	1				0			266.1	
S 124 Xylenes, Total	1				0			105.3	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00267

Amount Added: 25.00

Units: uL

GAS CORP mix_00677

Amount Added: 25.00

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8284.d

Injection Date: 16-May-2025 18:47:30

Instrument ID: HP5973S

Lims ID: IC 6

Operator ID: AG/LH

Client ID:

Worklist Smp#: 19

Purge Vol: 5.000 mL

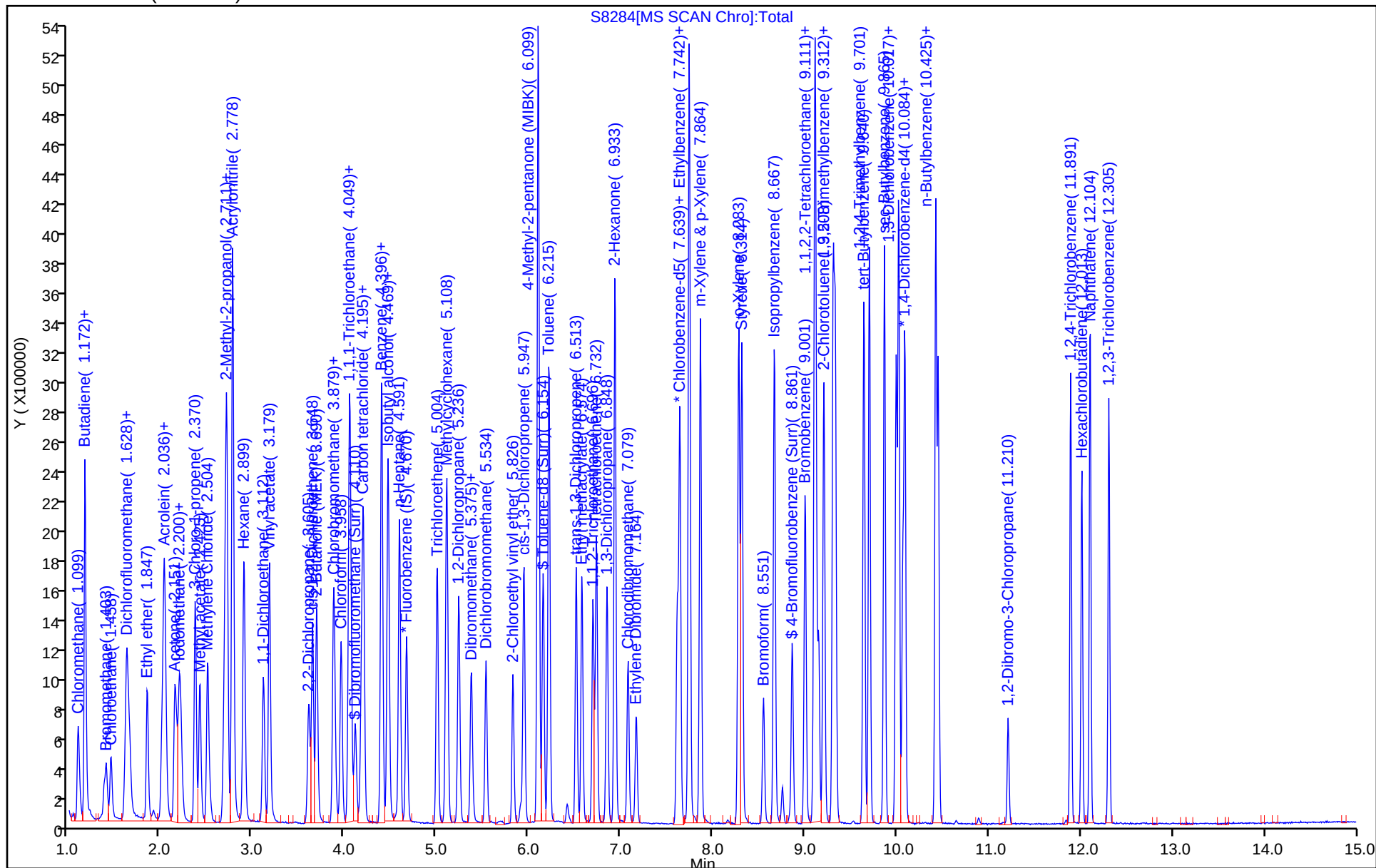
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8285.d
 Lims ID: IC 7
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 16-May-2025 19:10:30 ALS Bottle#: 20 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 7
 Misc. Info.: 480-0123611-020
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:26:10 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 18-May-2025 11:28:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	99	191583	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.608	0.006	85	403715	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	46	446055	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	55	260773	25.0	24.9	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	37	167096	25.0	25.6	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	18	1015483	25.0	25.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	89	353987	25.0	25.2	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	88	1407763	100.0	104.5	
12 Chloromethane	50	1.098	1.099	-0.001	82	1475611	100.0	101.0	
13 Vinyl chloride	62	1.171	1.172	-0.001	42	1111006	100.0	109.0	
151 Butadiene	54	1.171	1.172	-0.001	95	1331869	100.0	103.3	
14 Bromomethane	94	1.403	1.391	0.012	92	663984	100.0	93.8	
15 Chloroethane	64	1.451	1.452	-0.001	94	706077	100.0	96.8	
16 Dichlorofluoromethane	67	1.628	1.628	0.000	82	1712021	100.0	100.4	
17 Trichlorofluoromethane	101	1.640	1.634	0.006	57	1470947	100.0	109.0	
18 Ethyl ether	59	1.847	1.847	0.000	97	894315	100.0	98.0	
20 Acrolein	56	2.005	2.005	0.000	95	635910	500.0	456.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.035	2.036	-0.001	62	818737	100.0	109.9	
22 1,1-Dichloroethene	96	2.035	2.036	-0.001	87	780773	100.0	97.1	
23 Acetone	43	2.151	2.151	0.000	98	2102005	500.0	472.3	
25 Iodomethane	142	2.181	2.175	0.006	98	1539671	100.0	103.1	
26 Carbon disulfide	76	2.212	2.206	0.006	99	2746351	100.0	109.1	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	87	1934002	100.0	102.8	
27 Methyl acetate	43	2.419	2.419	0.000	97	2225553	200.0	190.8	
30 Methylene Chloride	84	2.510	2.504	0.006	92	934543	100.0	100.6	
31 2-Methyl-2-propanol	59	2.686	2.687	0.000	85	1607849	1000.0	973.0	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	94	3129153	100.0	101.3	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	81	941264	100.0	101.6	
33 Acrylonitrile	53	2.778	2.778	0.000	99	5399743	1000.0	1040.1	
35 Hexane	57	2.899	2.899	0.000	95	1537908	100.0	95.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	85	1753154	100.0	106.4	
37 Vinyl acetate	43	3.179	3.179	0.000	96	4905613	200.0	207.3	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	91	946575	100.0	91.6	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	67	1014964	100.0	103.3	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	97	3389625	500.0	480.5	
48 Chlorobromomethane	128	3.873	3.873	0.000	91	545155	100.0	95.0	
49 Tetrahydrofuran	42	3.885	3.891	-0.006	92	933873	200.0	197.2	
50 Chloroform	83	3.958	3.958	0.000	82	1647414	100.0	101.7	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	80	1463717	100.0	103.3	
52 Cyclohexane	56	4.055	4.049	0.006	94	1916598	100.0	102.0	
55 Carbon tetrachloride	117	4.183	4.183	0.000	80	1387575	100.0	109.6	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	90	1351556	100.0	112.7	
57 Benzene	78	4.396	4.396	0.000	98	3836503	100.0	108.5	
53 Isobutyl alcohol	43	4.463	4.463	0.000	74	1861560	2500.0	2757.3	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	76	1456035	100.0	104.4	
59 n-Heptane	43	4.590	4.591	-0.001	97	1693614	100.0	102.0	
62 Trichloroethene	95	5.004	5.004	0.000	89	987411	100.0	102.9	
64 Methylcyclohexane	83	5.108	5.108	0.000	94	1748316	100.0	102.7	
65 1,2-Dichloropropane	63	5.235	5.236	-0.001	90	983694	100.0	104.6	
67 Dibromomethane	93	5.369	5.375	-0.006	89	622000	100.0	103.1	
66 1,4-Dioxane	88	5.387	5.394	-0.007	62	190537	2000.0	2087.4	
68 Dichlorobromomethane	83	5.533	5.534	-0.001	92	1268635	100.0	102.6	
69 2-Chloroethyl vinyl ether	63	5.825	5.826	-0.001	92	736847	100.0	110.1	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	85	1698291	100.0	110.2	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	7414045	500.0	526.7	
74 Toluene	92	6.221	6.215	0.006	90	2524930	100.0	105.6	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	95	1586356	100.0	106.9	
75 Ethyl methacrylate	69	6.580	6.574	0.006	75	1457279	100.0	102.6	
79 1,1,2-Trichloroethane	83	6.695	6.696	-0.001	88	735890	100.0	100.1	
81 Tetrachloroethene	166	6.738	6.732	0.006	85	1150878	100.0	107.7	
82 1,3-Dichloropropane	76	6.847	6.848	-0.001	97	1575904	100.0	106.1	
80 2-Hexanone	43	6.933	6.933	0.000	98	4961009	500.0	543.4	
83 Chlorodibromomethane	129	7.079	7.079	0.000	86	1126981	100.0	107.1	
84 Ethylene Dibromide	107	7.164	7.164	0.000	99	963384	100.0	106.3	
87 Chlorobenzene	112	7.638	7.639	-0.001	93	2953278	100.0	106.8	
88 Ethylbenzene	91	7.742	7.742	0.000	99	5004802	100.0	112.3	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	41	1087677	100.0	107.9	
90 m-Xylene & p-Xylene	106	7.863	7.864	-0.001	99	1942677	100.0	106.6	
91 o-Xylene	106	8.283	8.283	0.000	97	1870151	100.0	105.8	
92 Styrene	104	8.314	8.314	0.000	90	3147055	100.0	108.2	
95 Bromoform	173	8.551	8.551	0.000	96	832917	100.0	110.4	
94 Isopropylbenzene	105	8.666	8.667	-0.001	95	4581589	100.0	108.0	
101 Bromobenzene	156	9.001	9.001	0.000	94	1313069	100.0	104.1	
97 1,1,2,2-Tetrachloroethane	83	9.104	9.105	-0.001	53	1278048	100.0	100.6	
99 N-Propylbenzene	91	9.111	9.111	0.000	98	5915610	100.0	112.9	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	57	440154	100.0	94.1	
98 trans-1,4-Dichloro-2-butene	53	9.153	9.147	0.006	97	562027	100.0	102.6	
103 2-Chlorotoluene	126	9.208	9.208	0.000	94	1173092	100.0	99.4	
102 1,3,5-Trimethylbenzene	105	9.311	9.305	0.006	93	4179649	100.0	109.3	
105 4-Chlorotoluene	126	9.330	9.330	0.000	98	1260441	100.0	99.7	
106 tert-Butylbenzene	134	9.646	9.640	0.006	91	972145	100.0	106.8	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	62	4332035	100.0	108.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	94	5415029	100.0	113.3	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	2524788	100.0	108.1	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	93	4890067	100.0	112.4	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	95	2588239	100.0	105.9	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	4227385	100.0	113.7	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	97	2406067	100.0	107.5	
117 1,2-Dibromo-3-Chloropropane	75	11.209	11.210	-0.001	85	284685	100.0	104.5	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	93	1722730	100.0	109.2	
120 Hexachlorobutadiene	225	12.012	12.013	-0.001	94	814543	100.0	106.0	
121 Naphthalene	128	12.104	12.104	0.000	96	4796941	100.0	109.5	
122 1,2,3-Trichlorobenzene	180	12.304	12.305	-0.001	95	1599782	100.0	110.3	
S 126 1,3-Dichloropropene, Total	1				0			217.1	
S 125 1,2-Dichloroethene, Total	1				0			204.9	
S 123 Total BTEX	1				0			538.9	
S 124 Xylenes, Total	1				0			212.4	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00267

Amount Added: 50.00

Units: uL

GAS CORP mix_00677

Amount Added: 50.00

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8285.d

Injection Date: 16-May-2025 19:10:30

Instrument ID: HP5973S

Lims ID: IC 7

Operator ID: AG/LH

Client ID:

Worklist Smp#: 20

Purge Vol: 5.000 mL

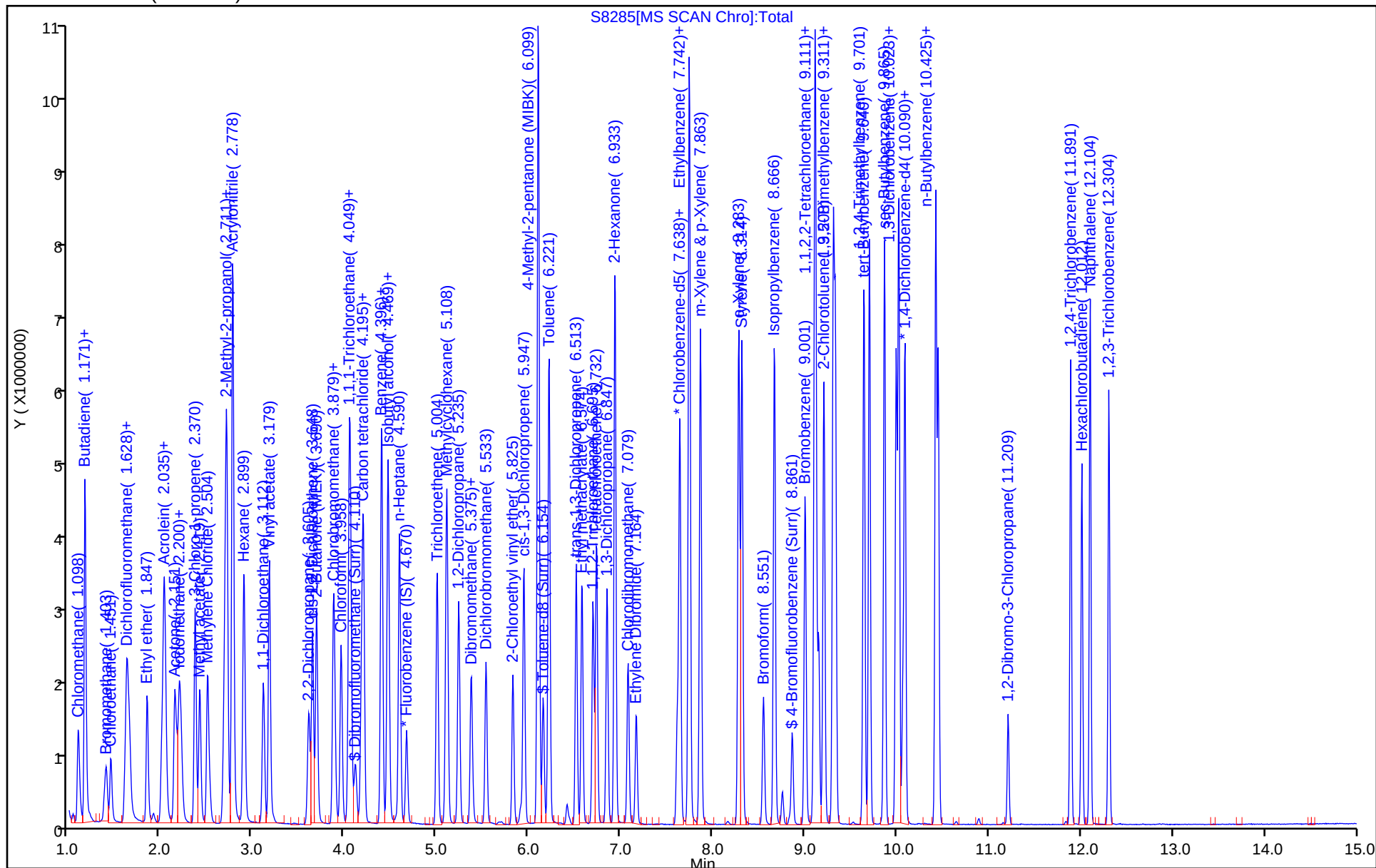
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

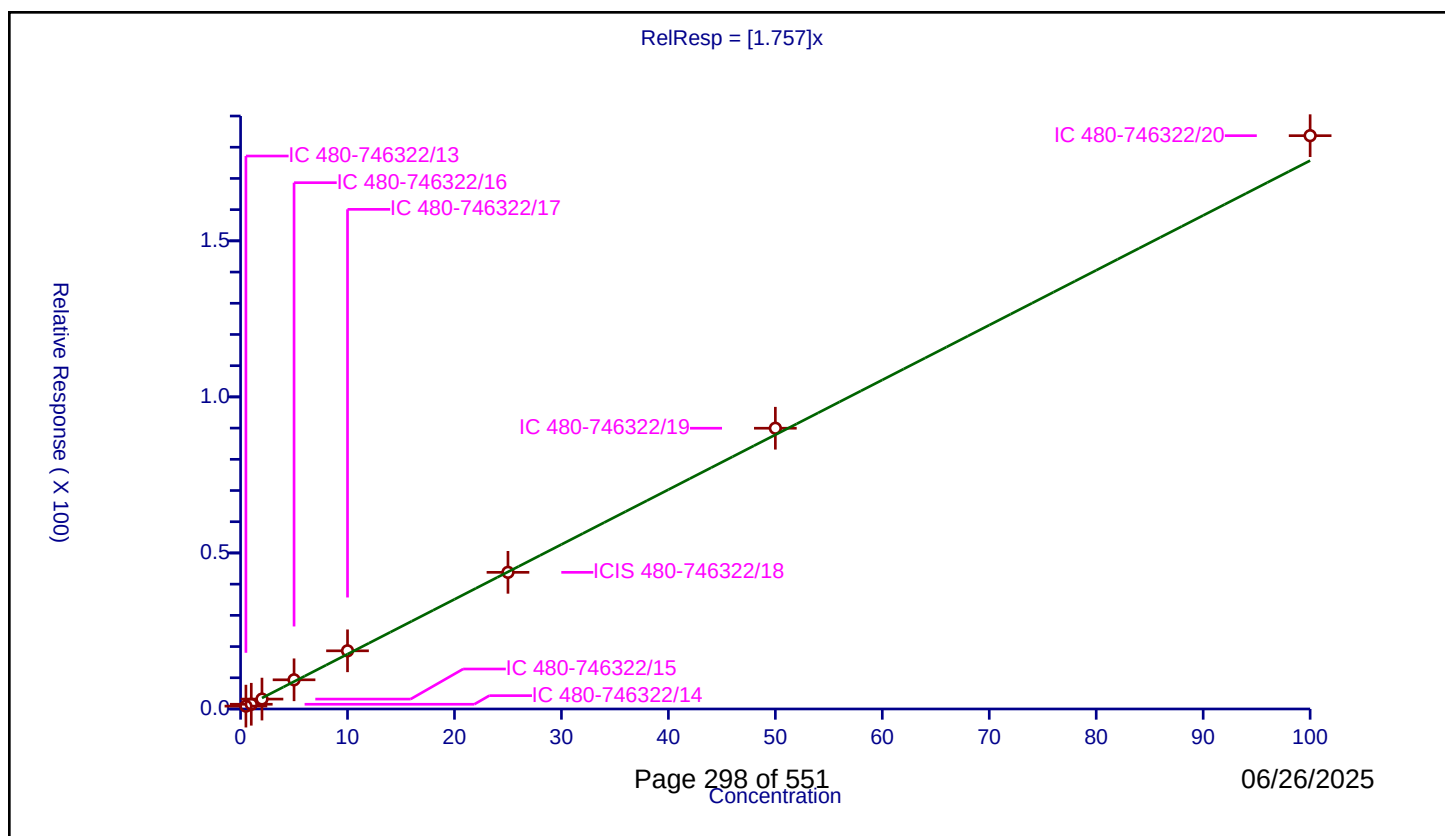
Curve Coefficients

Intercept: 0
Slope: 1.757

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.914798	25.0	190206.0	1.829595	Y
2	IC 480-746322/14	1.0	1.519551	25.0	188888.0	1.519551	Y
3	IC 480-746322/15	2.0	3.171072	25.0	178796.0	1.585536	Y
4	IC 480-746322/16	5.0	9.352943	25.0	190841.0	1.870589	Y
5	IC 480-746322/17	10.0	18.643395	25.0	179577.0	1.86434	Y
6	ICIS 480-746322/18	25.0	43.785803	25.0	185563.0	1.751432	Y
7	IC 480-746322/19	50.0	89.958724	25.0	193698.0	1.799174	Y
8	IC 480-746322/20	100.0	183.701451	25.0	191583.0	1.837015	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

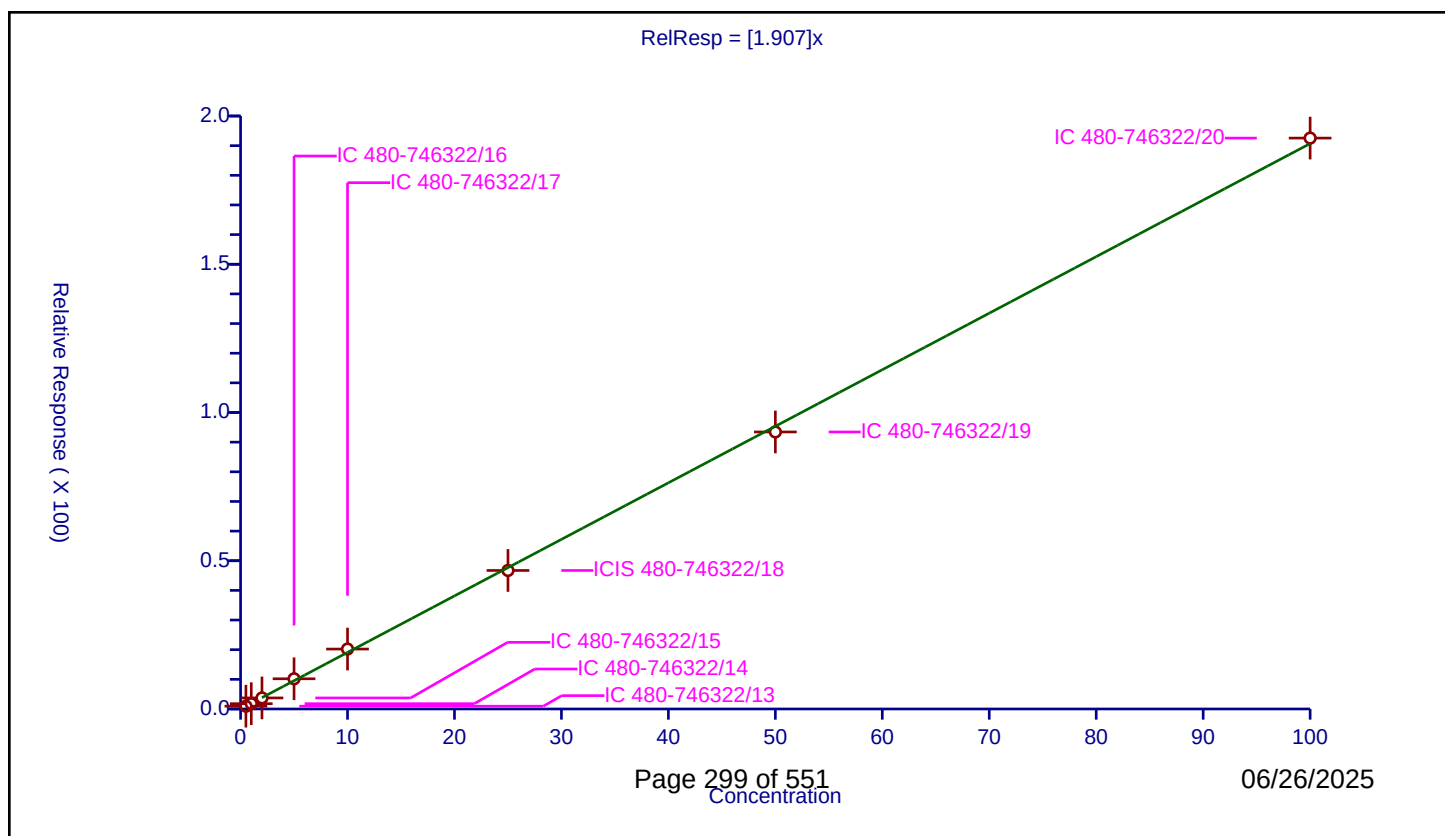
Curve Coefficients

Intercept: 0
Slope: 1.907

Error Coefficients

Relative Standard Deviation: 4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.940953	25.0	190206.0	1.881907	Y
2	IC 480-746322/14	1.0	1.791405	25.0	188888.0	1.791405	Y
3	IC 480-746322/15	2.0	3.724077	25.0	178796.0	1.862038	Y
4	IC 480-746322/16	5.0	10.181774	25.0	190841.0	2.036355	Y
5	IC 480-746322/17	10.0	20.215144	25.0	179577.0	2.021514	Y
6	ICIS 480-746322/18	25.0	46.719174	25.0	185563.0	1.868767	Y
7	IC 480-746322/19	50.0	93.437465	25.0	193698.0	1.868749	Y
8	IC 480-746322/20	100.0	192.555054	25.0	191583.0	1.925551	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

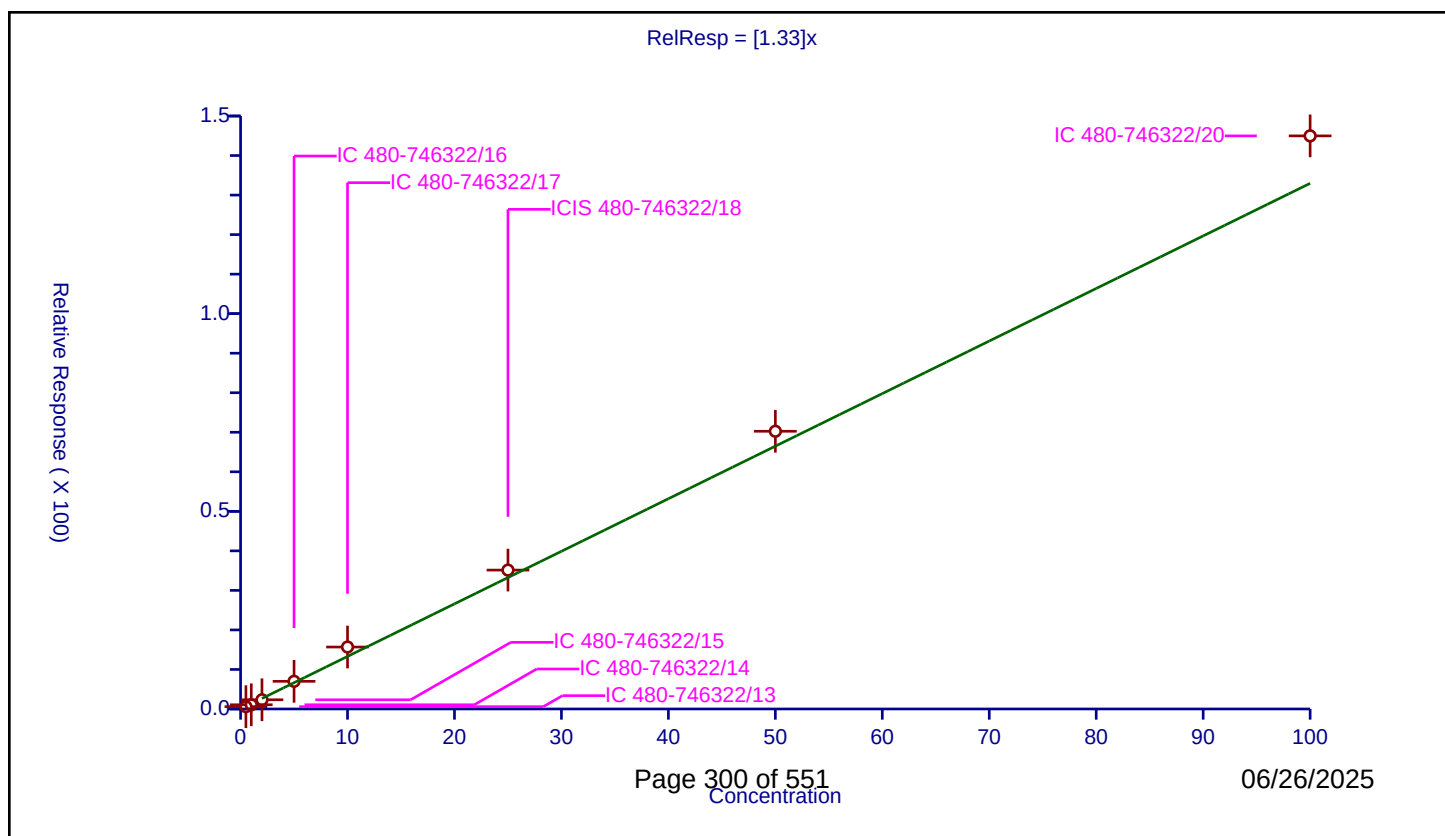
Curve Coefficients

Intercept: 0
 Slope: 1.33

Error Coefficients

Relative Standard Deviation: 12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.587389	25.0	190206.0	1.174779	Y
2	IC 480-746322/14	1.0	1.069814	25.0	188888.0	1.069814	Y
3	IC 480-746322/15	2.0	2.32961	25.0	178796.0	1.164805	Y
4	IC 480-746322/16	5.0	7.001116	25.0	190841.0	1.400223	Y
5	IC 480-746322/17	10.0	15.675727	25.0	179577.0	1.567573	Y
6	ICIS 480-746322/18	25.0	35.134968	25.0	185563.0	1.405399	Y
7	IC 480-746322/19	50.0	70.252661	25.0	193698.0	1.405053	Y
8	IC 480-746322/20	100.0	144.977112	25.0	191583.0	1.449771	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

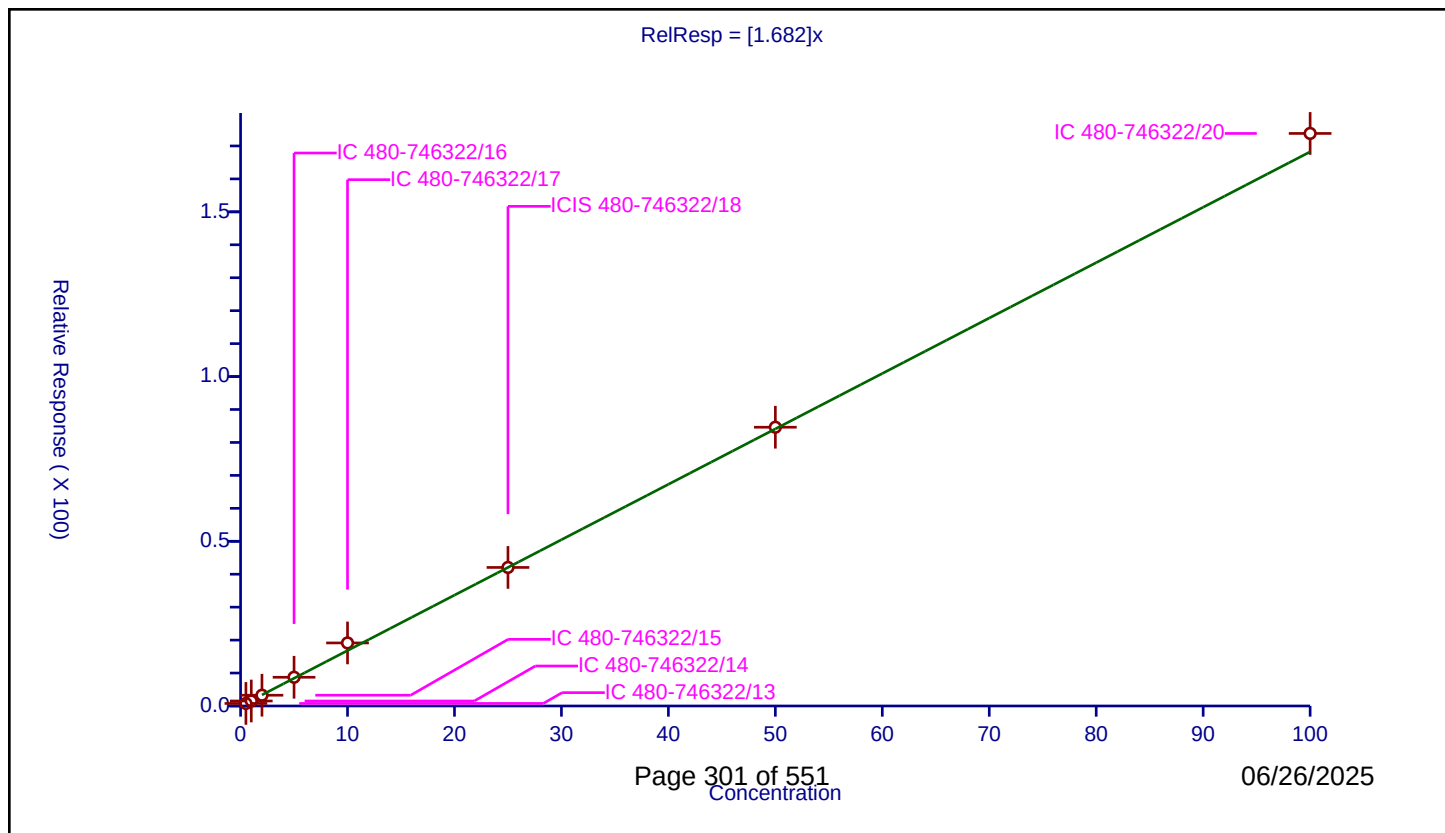
Curve Coefficients

Intercept: 0
Slope: 1.682

Error Coefficients

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.770218	25.0	190206.0	1.540435	Y
2	IC 480-746322/14	1.0	1.515184	25.0	188888.0	1.515184	Y
3	IC 480-746322/15	2.0	3.262377	25.0	178796.0	1.631189	Y
4	IC 480-746322/16	5.0	8.720479	25.0	190841.0	1.744096	Y
5	IC 480-746322/17	10.0	19.140675	25.0	179577.0	1.914068	Y
6	ICIS 480-746322/18	25.0	42.05957	25.0	185563.0	1.682383	Y
7	IC 480-746322/19	50.0	84.621163	25.0	193698.0	1.692423	Y
8	IC 480-746322/20	100.0	173.79791	25.0	191583.0	1.737979	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

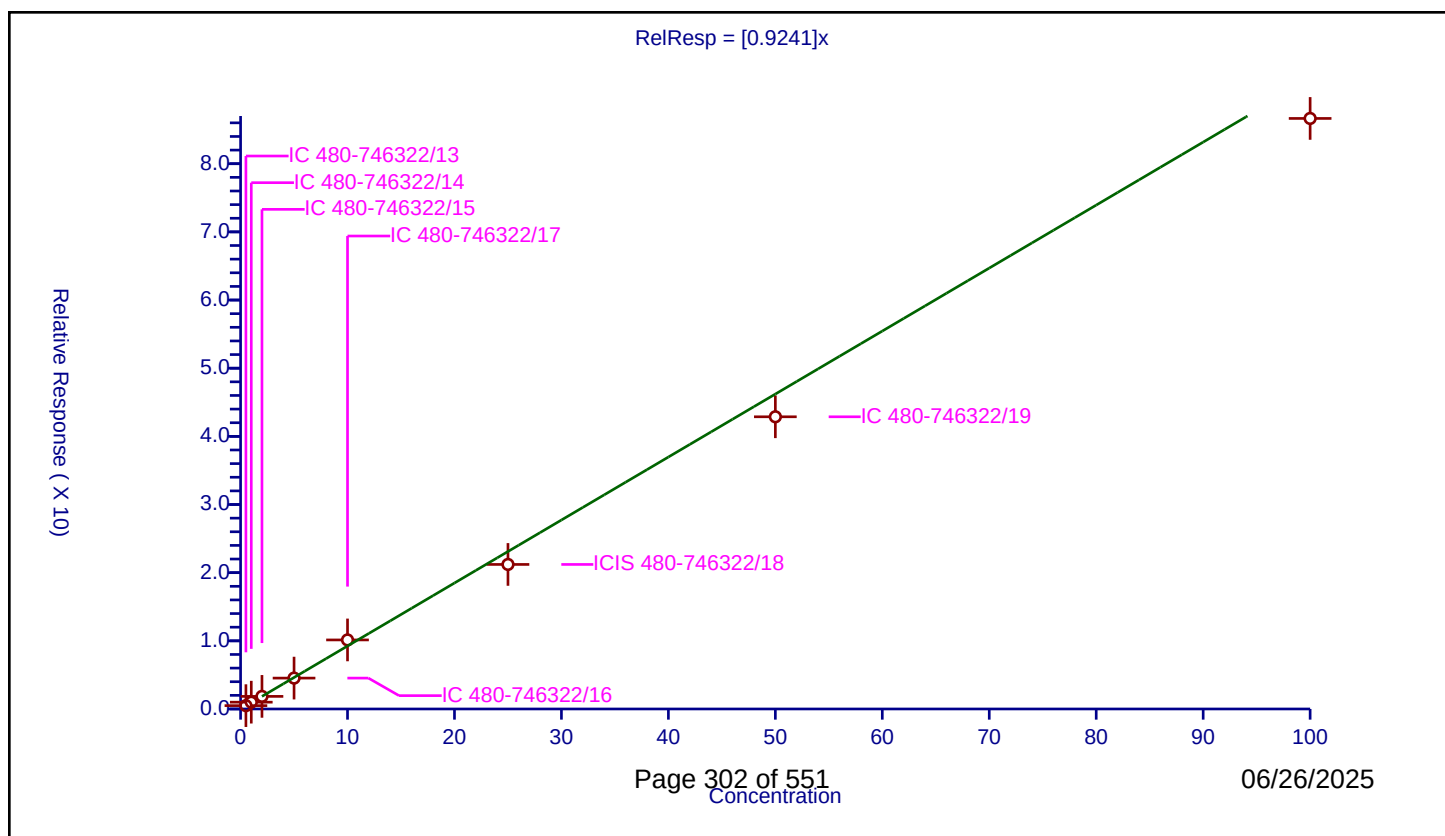
Curve Coefficients

Intercept: 0
Slope: 0.9241

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.489338	25.0	190206.0	0.978676	Y
2	IC 480-746322/14	1.0	0.997814	25.0	188888.0	0.997814	Y
3	IC 480-746322/15	2.0	1.849314	25.0	178796.0	0.924657	Y
4	IC 480-746322/16	5.0	4.533224	25.0	190841.0	0.906645	Y
5	IC 480-746322/17	10.0	10.130056	25.0	179577.0	1.013006	Y
6	ICIS 480-746322/18	25.0	21.209374	25.0	185563.0	0.848375	Y
7	IC 480-746322/19	50.0	42.870603	25.0	193698.0	0.857412	Y
8	IC 480-746322/20	100.0	86.644431	25.0	191583.0	0.866444	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

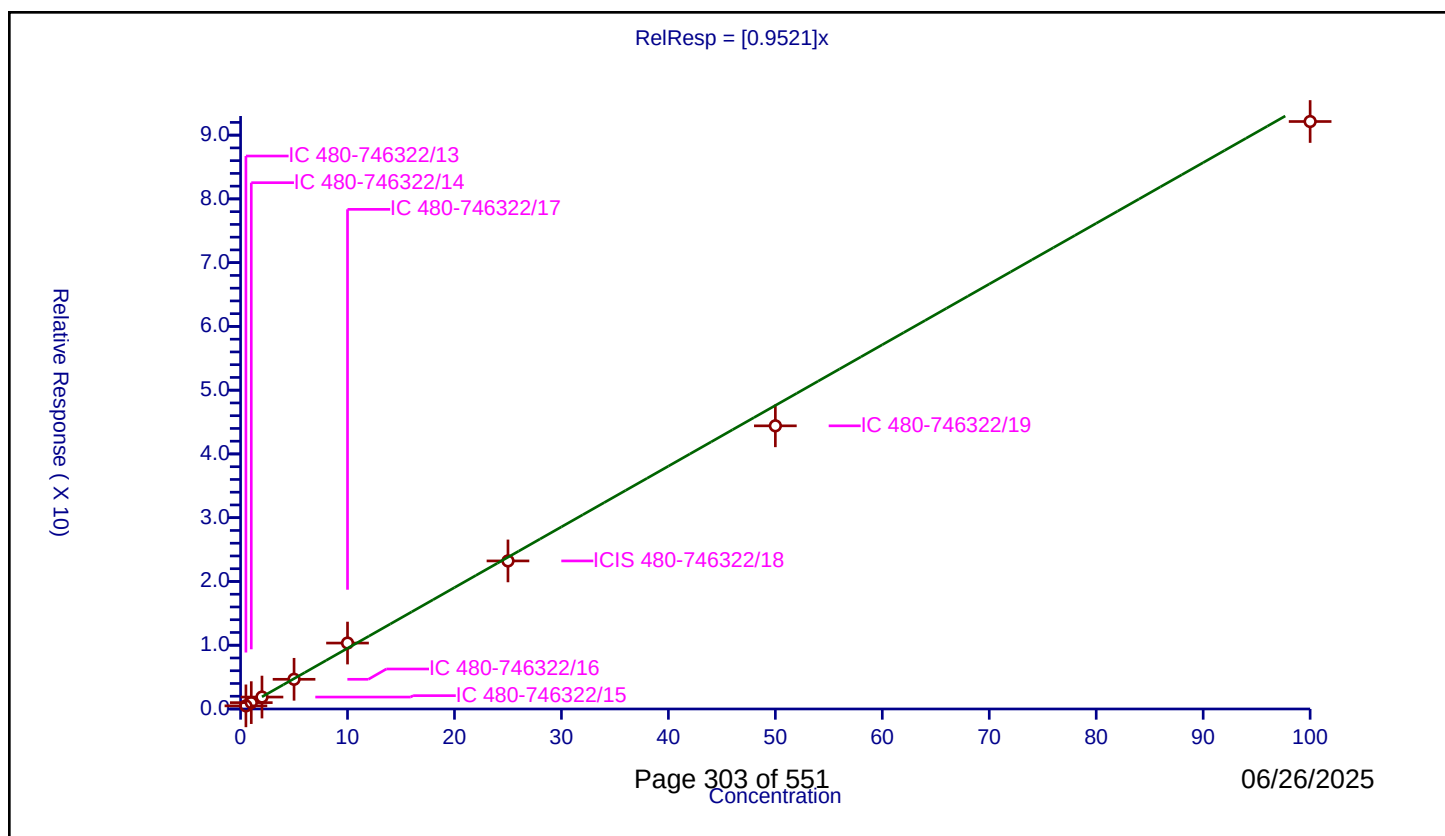
Curve Coefficients

Intercept: 0
Slope: 0.9521

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.489995	25.0	190206.0	0.97999	Y
2	IC 480-746322/14	1.0	0.996622	25.0	188888.0	0.996622	Y
3	IC 480-746322/15	2.0	1.872106	25.0	178796.0	0.936053	Y
4	IC 480-746322/16	5.0	4.658328	25.0	190841.0	0.931666	Y
5	IC 480-746322/17	10.0	10.341386	25.0	179577.0	1.034139	Y
6	ICIS 480-746322/18	25.0	23.221628	25.0	185563.0	0.928865	Y
7	IC 480-746322/19	50.0	44.410113	25.0	193698.0	0.888202	Y
8	IC 480-746322/20	100.0	92.13722	25.0	191583.0	0.921372	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

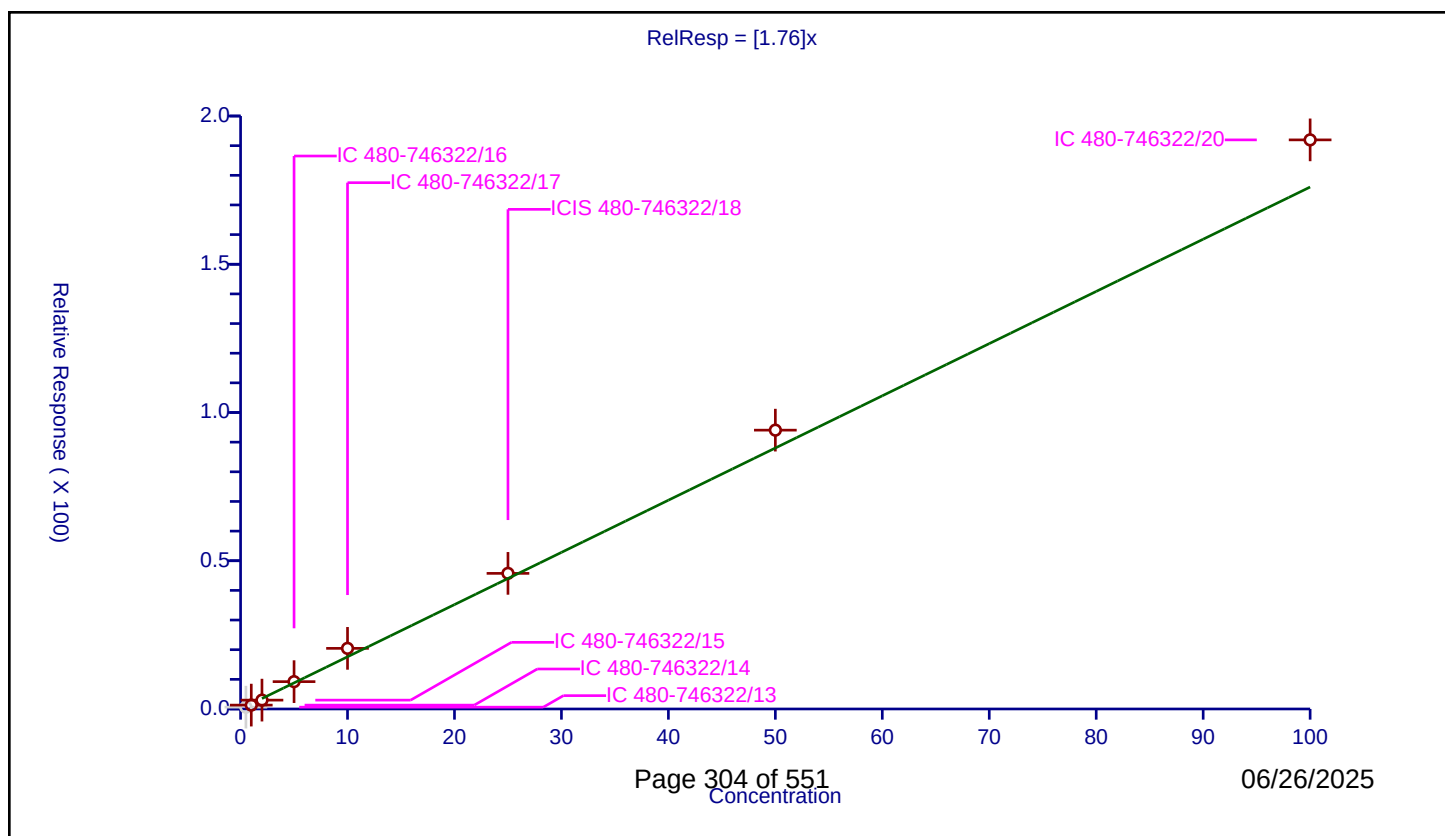
Curve Coefficients

Intercept: 0
Slope: 1.76

Error Coefficients

Relative Standard Deviation: 14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.613414	25.0	190206.0	1.226828	N
2	IC 480-746322/14	1.0	1.310433	25.0	188888.0	1.310433	Y
3	IC 480-746322/15	2.0	2.986085	25.0	178796.0	1.493042	Y
4	IC 480-746322/16	5.0	9.226005	25.0	190841.0	1.845201	Y
5	IC 480-746322/17	10.0	20.445408	25.0	179577.0	2.044541	Y
6	ICIS 480-746322/18	25.0	45.741877	25.0	185563.0	1.829675	Y
7	IC 480-746322/19	50.0	94.049629	25.0	193698.0	1.880993	Y
8	IC 480-746322/20	100.0	191.946441	25.0	191583.0	1.919464	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

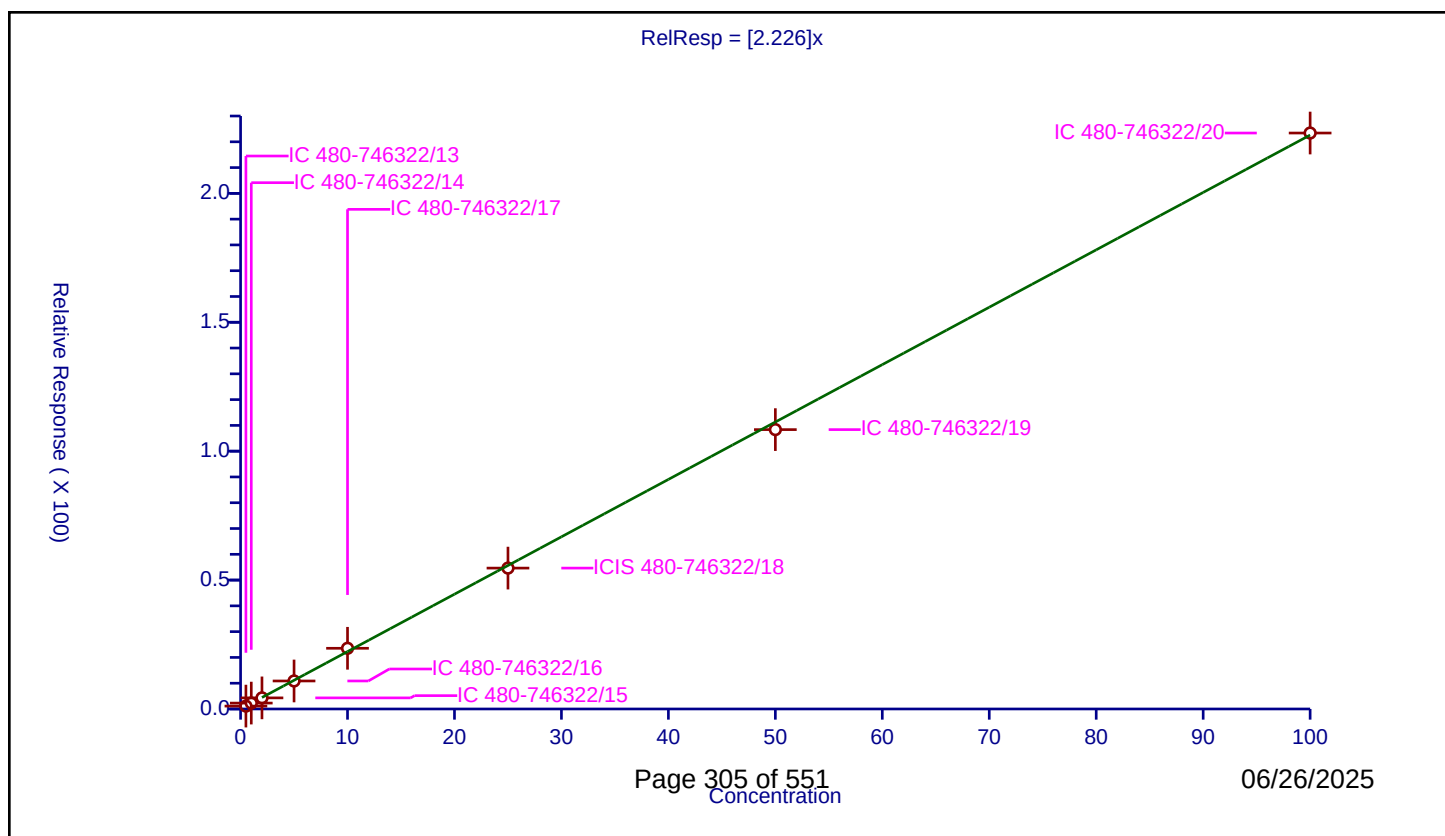
Curve Coefficients

Intercept: 0
Slope: 2.226

Error Coefficients

Relative Standard Deviation: 3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.124965	25.0	190206.0	2.249929	Y
2	IC 480-746322/14	1.0	2.292496	25.0	188888.0	2.292496	Y
3	IC 480-746322/15	2.0	4.305605	25.0	178796.0	2.152803	Y
4	IC 480-746322/16	5.0	10.861267	25.0	190841.0	2.172253	Y
5	IC 480-746322/17	10.0	23.543383	25.0	179577.0	2.354338	Y
6	ICIS 480-746322/18	25.0	54.647209	25.0	185563.0	2.185888	Y
7	IC 480-746322/19	50.0	108.360566	25.0	193698.0	2.167211	Y
8	IC 480-746322/20	100.0	223.404608	25.0	191583.0	2.234046	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

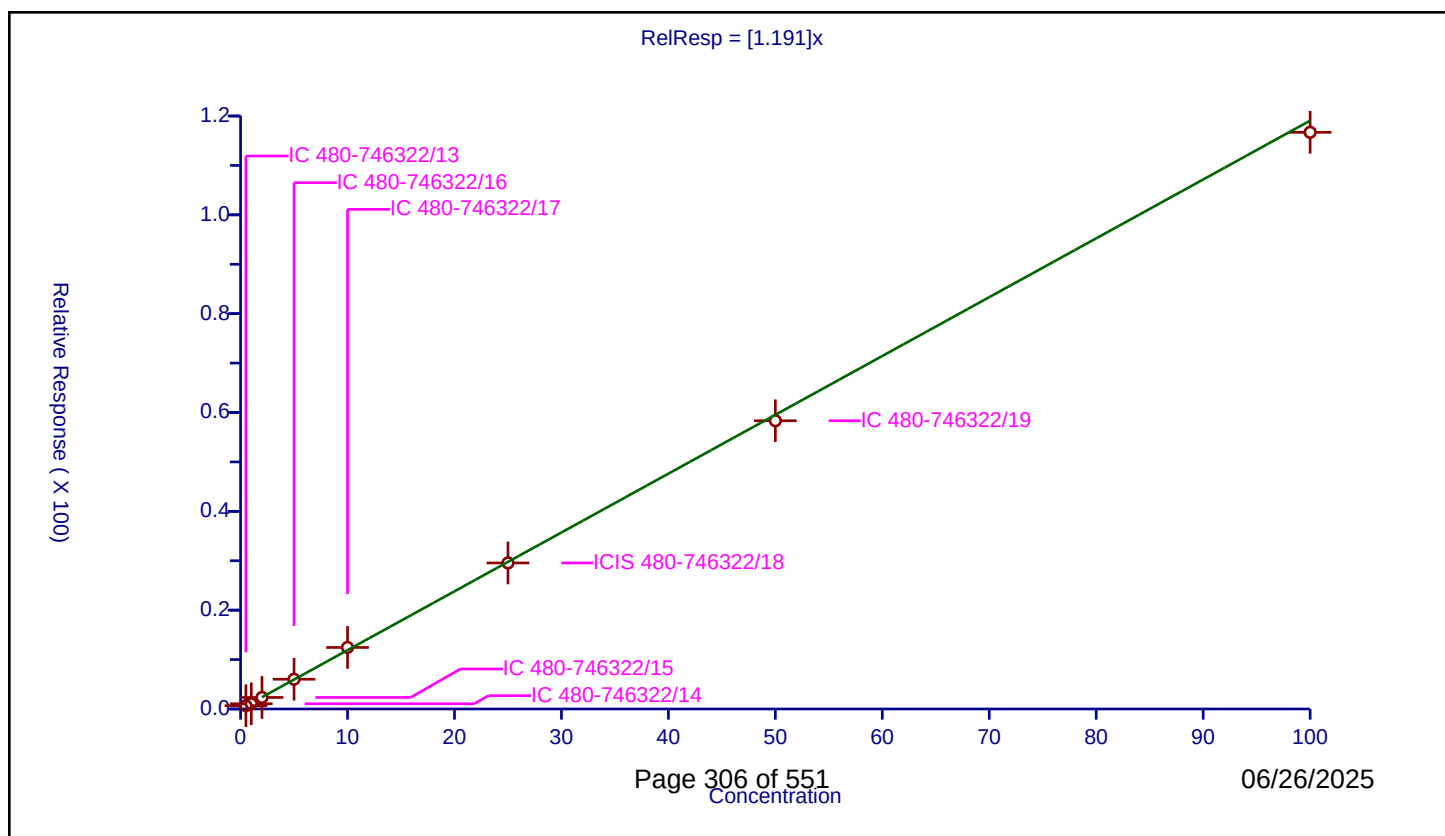
Curve Coefficients

Intercept: 0
Slope: 1.191

Error Coefficients

Relative Standard Deviation: 6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.66612	25.0	190206.0	1.33224	Y
2	IC 480-746322/14	1.0	1.060549	25.0	188888.0	1.060549	Y
3	IC 480-746322/15	2.0	2.333805	25.0	178796.0	1.166903	Y
4	IC 480-746322/16	5.0	6.020195	25.0	190841.0	1.204039	Y
5	IC 480-746322/17	10.0	12.449813	25.0	179577.0	1.244981	Y
6	ICIS 480-746322/18	25.0	29.552766	25.0	185563.0	1.182111	Y
7	IC 480-746322/19	50.0	58.332043	25.0	193698.0	1.166641	Y
8	IC 480-746322/20	100.0	116.700725	25.0	191583.0	1.167007	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

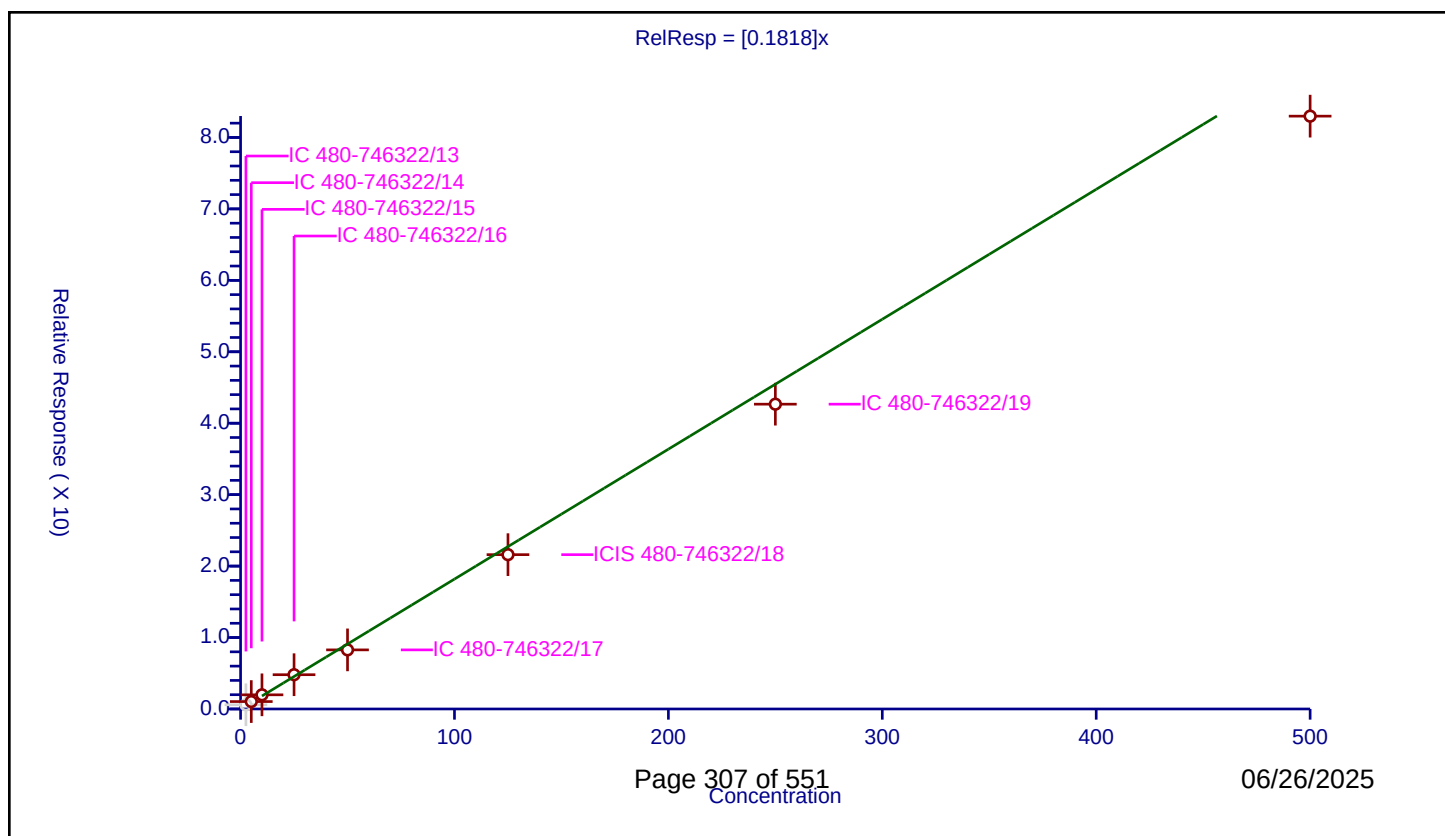
Curve Coefficients

Intercept: 0
Slope: 0.1818

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	2.5	0.590807	25.0	190206.0	0.236323	N
2	IC 480-746322/14	5.0	1.038843	25.0	188888.0	0.207769	Y
3	IC 480-746322/15	10.0	1.982846	25.0	178796.0	0.198285	Y
4	IC 480-746322/16	25.0	4.799152	25.0	190841.0	0.191966	Y
5	IC 480-746322/17	50.0	8.271939	25.0	179577.0	0.165439	Y
6	ICIS 480-746322/18	125.0	21.60331	25.0	185563.0	0.172826	Y
7	IC 480-746322/19	250.0	42.665386	25.0	193698.0	0.170662	Y
8	IC 480-746322/20	500.0	82.981006	25.0	191583.0	0.165962	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

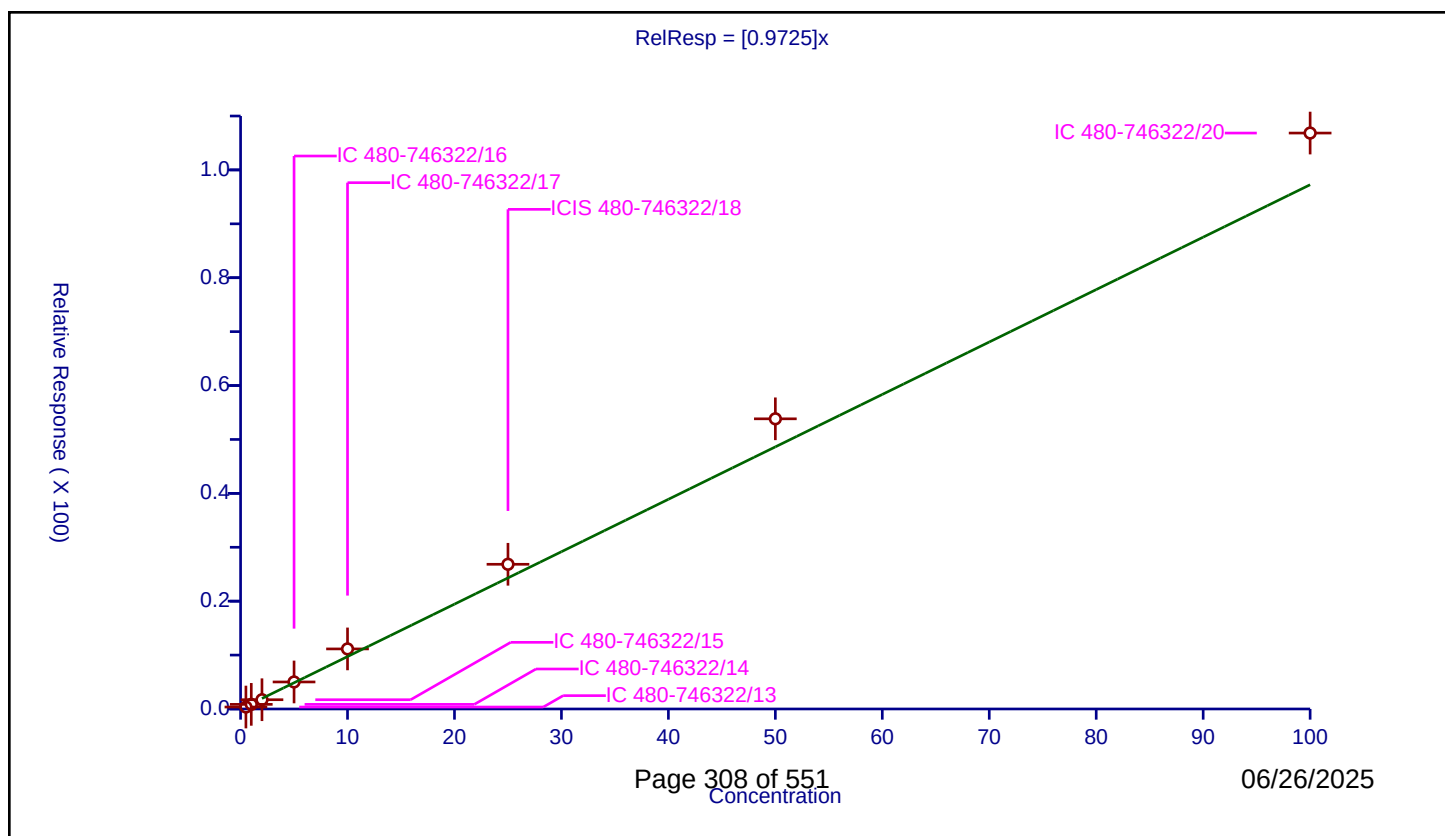
Curve Coefficients

Intercept: 0
 Slope: 0.9725

Error Coefficients

Relative Standard Deviation: 14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.362896	25.0	190206.0	0.725792	Y
2	IC 480-746322/14	1.0	0.857519	25.0	188888.0	0.857519	Y
3	IC 480-746322/15	2.0	1.721375	25.0	178796.0	0.860688	Y
4	IC 480-746322/16	5.0	5.014908	25.0	190841.0	1.002982	Y
5	IC 480-746322/17	10.0	11.144245	25.0	179577.0	1.114424	Y
6	ICIS 480-746322/18	25.0	26.841962	25.0	185563.0	1.073678	Y
7	IC 480-746322/19	50.0	53.831093	25.0	193698.0	1.076622	Y
8	IC 480-746322/20	100.0	106.83842	25.0	191583.0	1.068384	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

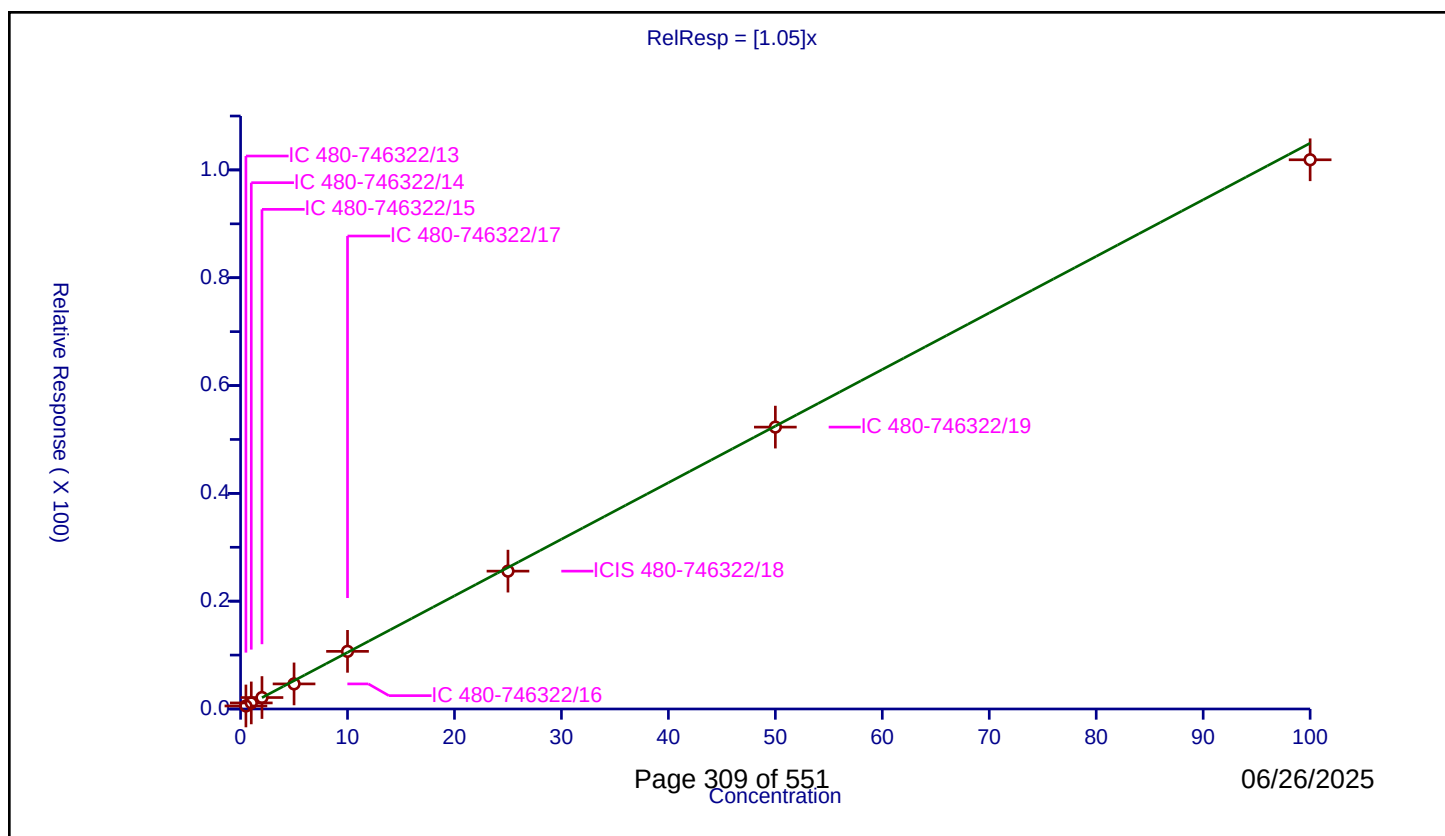
Curve Coefficients

Intercept: 0
Slope: 1.05

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.560708	25.0	190206.0	1.121416	Y
2	IC 480-746322/14	1.0	1.125535	25.0	188888.0	1.125535	Y
3	IC 480-746322/15	2.0	2.125327	25.0	178796.0	1.062664	Y
4	IC 480-746322/16	5.0	4.651385	25.0	190841.0	0.930277	Y
5	IC 480-746322/17	10.0	10.692488	25.0	179577.0	1.069249	Y
6	ICIS 480-746322/18	25.0	25.570561	25.0	185563.0	1.022822	Y
7	IC 480-746322/19	50.0	52.292357	25.0	193698.0	1.045847	Y
8	IC 480-746322/20	100.0	101.884431	25.0	191583.0	1.018844	Y



Calibration

/ Acetone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

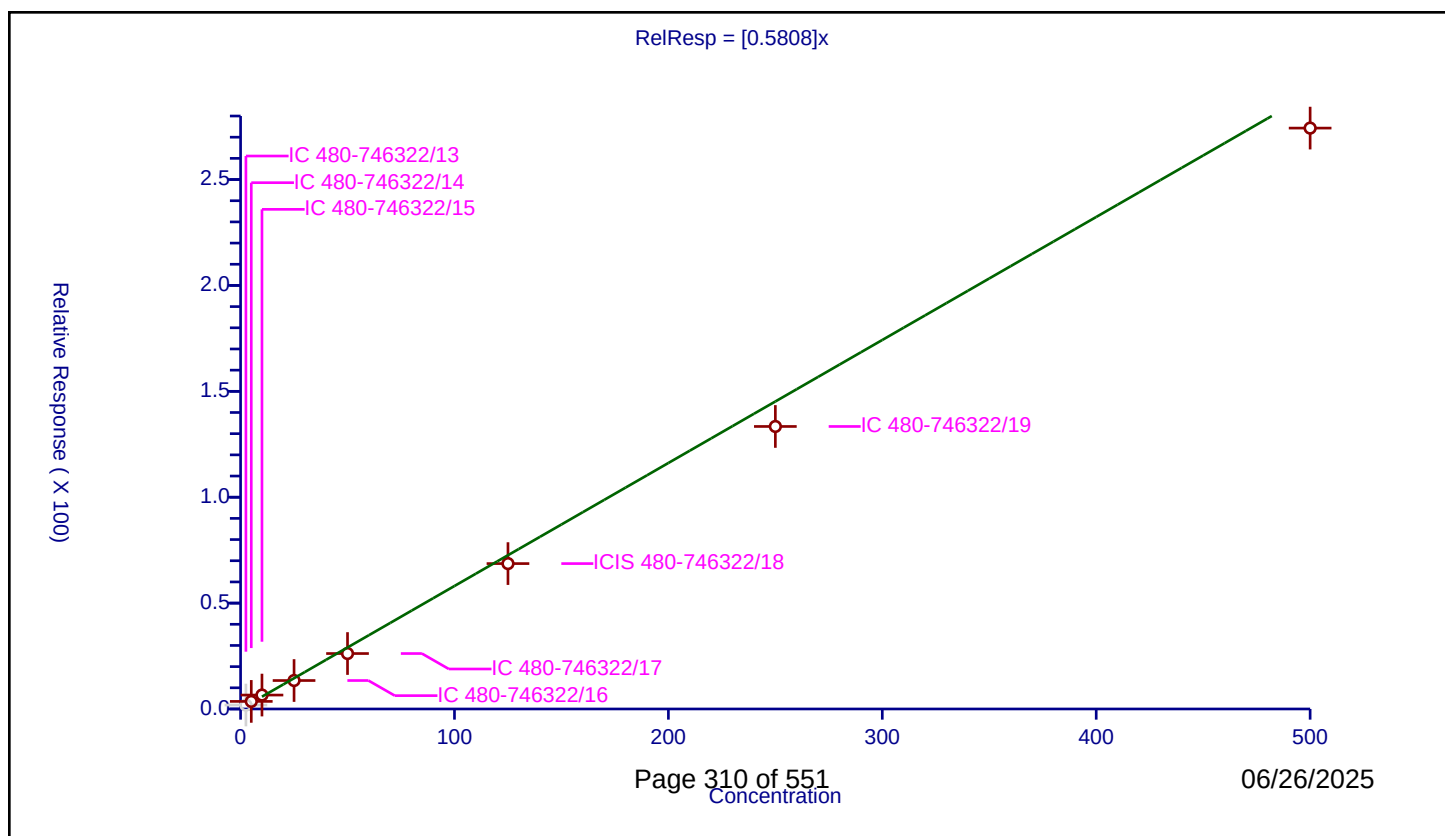
Curve Coefficients

Intercept: 0
 Slope: 0.5808

Error Coefficients

Relative Standard Deviation: 12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	2.5	1.874415	25.0	190206.0	0.749766	N
2	IC 480-746322/14	5.0	3.576061	25.0	188888.0	0.715212	Y
3	IC 480-746322/15	10.0	6.57635	25.0	178796.0	0.657635	Y
4	IC 480-746322/16	25.0	13.44077	25.0	190841.0	0.537631	Y
5	IC 480-746322/17	50.0	26.187234	25.0	179577.0	0.523745	Y
6	ICIS 480-746322/18	125.0	68.655928	25.0	185563.0	0.549247	Y
7	IC 480-746322/19	250.0	133.407031	25.0	193698.0	0.533628	Y
8	IC 480-746322/20	500.0	274.294301	25.0	191583.0	0.548589	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

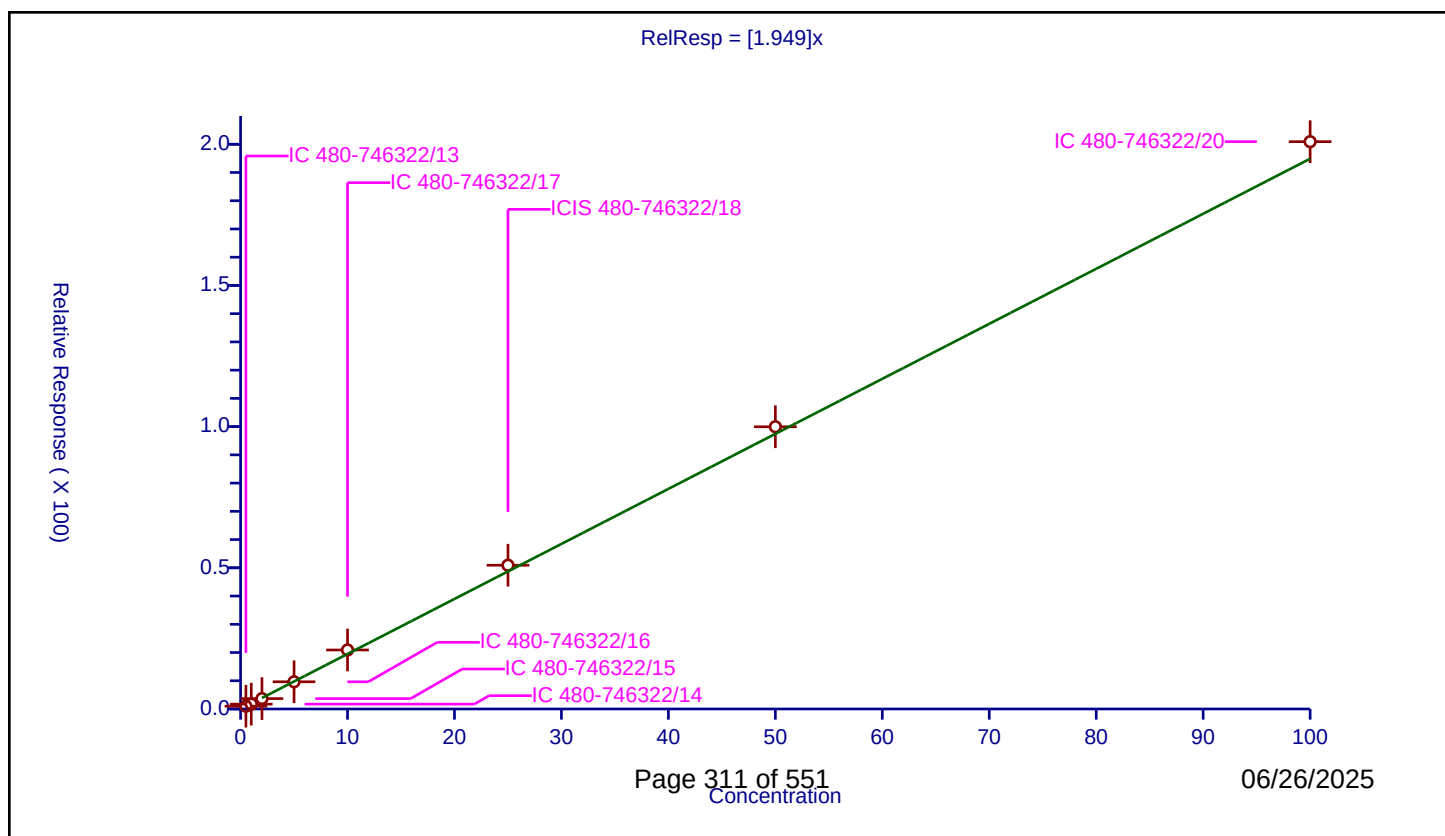
Curve Coefficients

Intercept: 0
Slope: 1.949

Error Coefficients

Relative Standard Deviation: 6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.987088	25.0	190206.0	1.974175	Y
2	IC 480-746322/14	1.0	1.713449	25.0	188888.0	1.713449	Y
3	IC 480-746322/15	2.0	3.680451	25.0	178796.0	1.840226	Y
4	IC 480-746322/16	5.0	9.63839	25.0	190841.0	1.927678	Y
5	IC 480-746322/17	10.0	20.891038	25.0	179577.0	2.089104	Y
6	ICIS 480-746322/18	25.0	50.905757	25.0	185563.0	2.03623	Y
7	IC 480-746322/19	50.0	99.953665	25.0	193698.0	1.999073	Y
8	IC 480-746322/20	100.0	200.914356	25.0	191583.0	2.009144	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

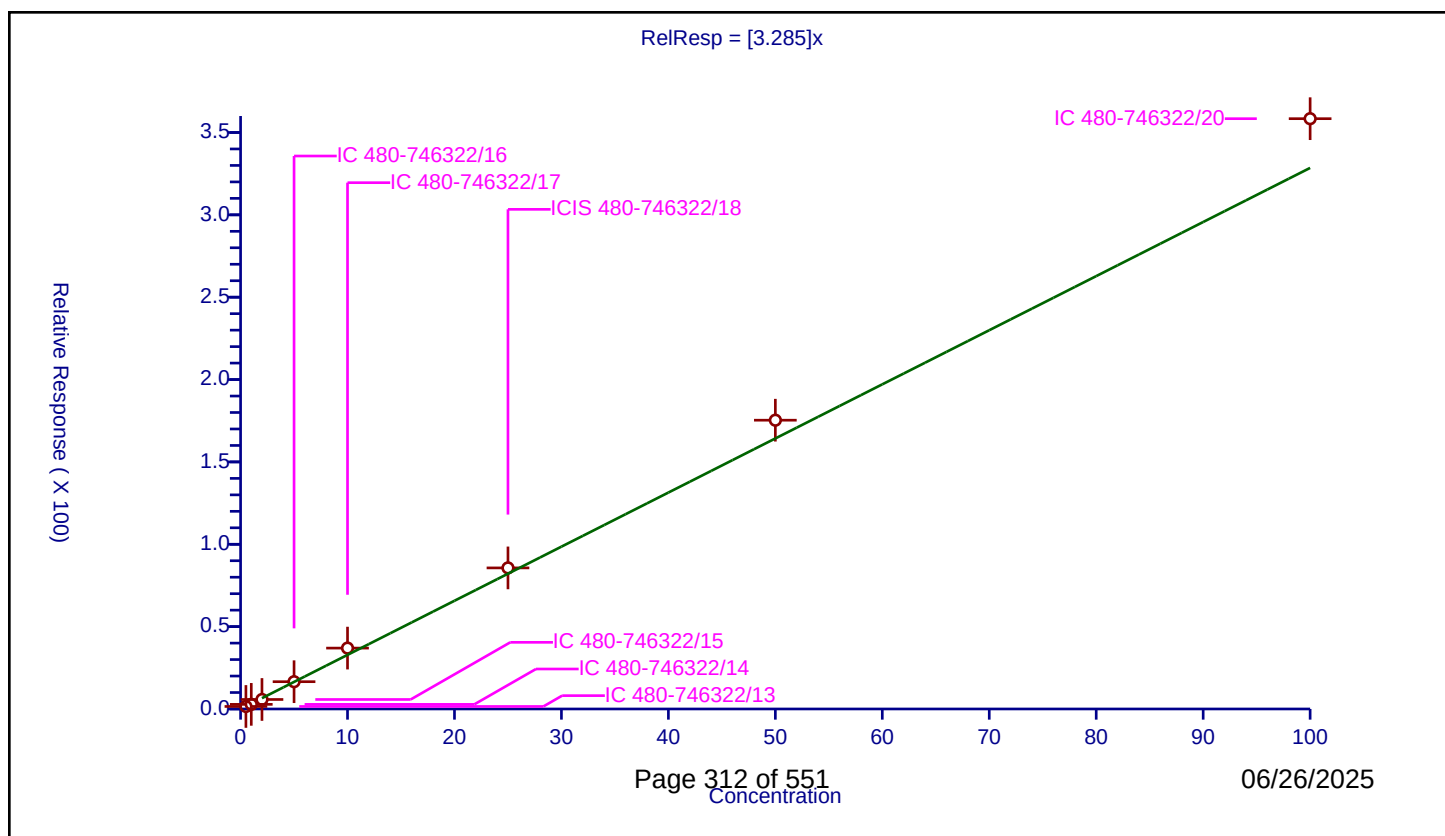
Curve Coefficients

Intercept: 0
 Slope: 3.285

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.53268	25.0	190206.0	3.065361	Y
2	IC 480-746322/14	1.0	2.801793	25.0	188888.0	2.801793	Y
3	IC 480-746322/15	2.0	5.772081	25.0	178796.0	2.886041	Y
4	IC 480-746322/16	5.0	16.562872	25.0	190841.0	3.312574	Y
5	IC 480-746322/17	10.0	36.971466	25.0	179577.0	3.697147	Y
6	ICIS 480-746322/18	25.0	85.651369	25.0	185563.0	3.426055	Y
7	IC 480-746322/19	50.0	175.331057	25.0	193698.0	3.506621	Y
8	IC 480-746322/20	100.0	358.376135	25.0	191583.0	3.583761	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

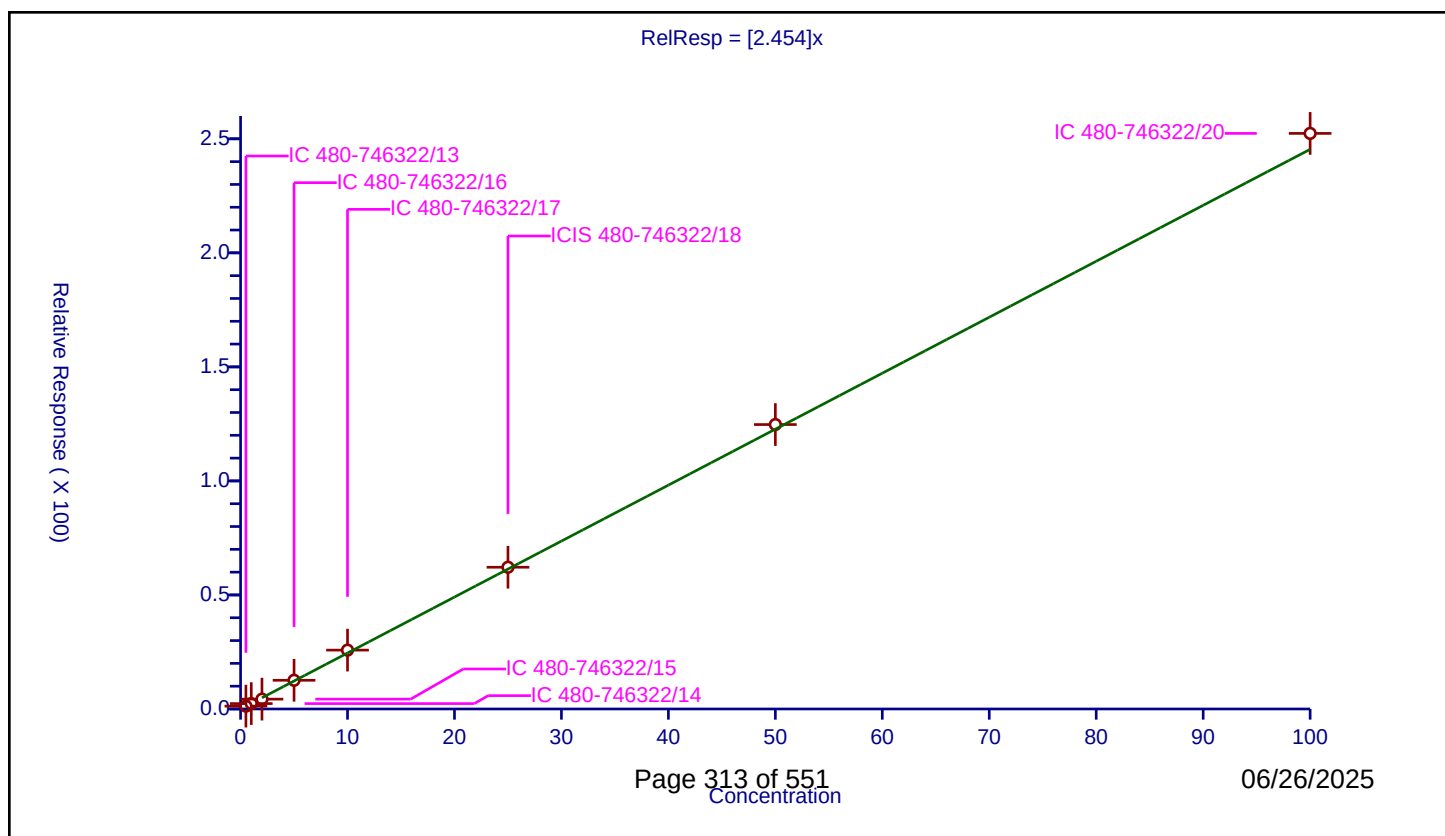
Curve Coefficients

Intercept: 0
Slope: 2.454

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.253115	25.0	190206.0	2.50623	Y
2	IC 480-746322/14	1.0	2.365423	25.0	188888.0	2.365423	Y
3	IC 480-746322/15	2.0	4.314414	25.0	178796.0	2.157207	Y
4	IC 480-746322/16	5.0	12.583381	25.0	190841.0	2.516676	Y
5	IC 480-746322/17	10.0	25.811769	25.0	179577.0	2.581177	Y
6	ICIS 480-746322/18	25.0	62.151803	25.0	185563.0	2.486072	Y
7	IC 480-746322/19	50.0	124.719667	25.0	193698.0	2.494393	Y
8	IC 480-746322/20	100.0	252.371296	25.0	191583.0	2.523713	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

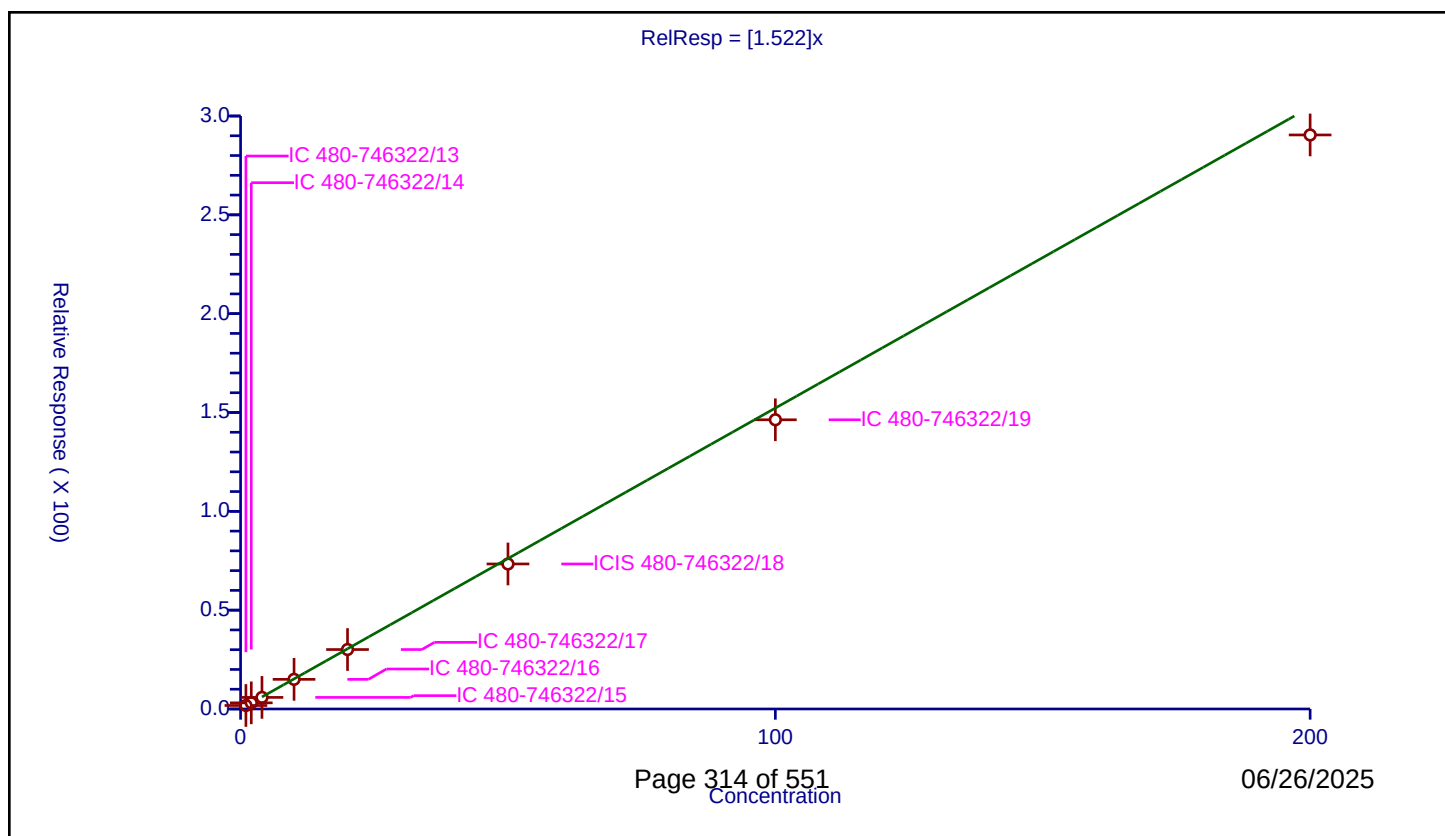
Curve Coefficients

Intercept: 0
Slope: 1.522

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	1.0	1.771632	25.0	190206.0	1.771632	Y
2	IC 480-746322/14	2.0	3.111235	25.0	188888.0	1.555618	Y
3	IC 480-746322/15	4.0	5.864645	25.0	178796.0	1.466161	Y
4	IC 480-746322/16	10.0	14.991275	25.0	190841.0	1.499128	Y
5	IC 480-746322/17	20.0	30.08055	25.0	179577.0	1.504028	Y
6	ICIS 480-746322/18	50.0	73.37023	25.0	185563.0	1.467405	Y
7	IC 480-746322/19	100.0	146.320432	25.0	193698.0	1.463204	Y
8	IC 480-746322/20	200.0	290.416295	25.0	191583.0	1.452081	Y



Calibration

/ Methylene Chloride

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

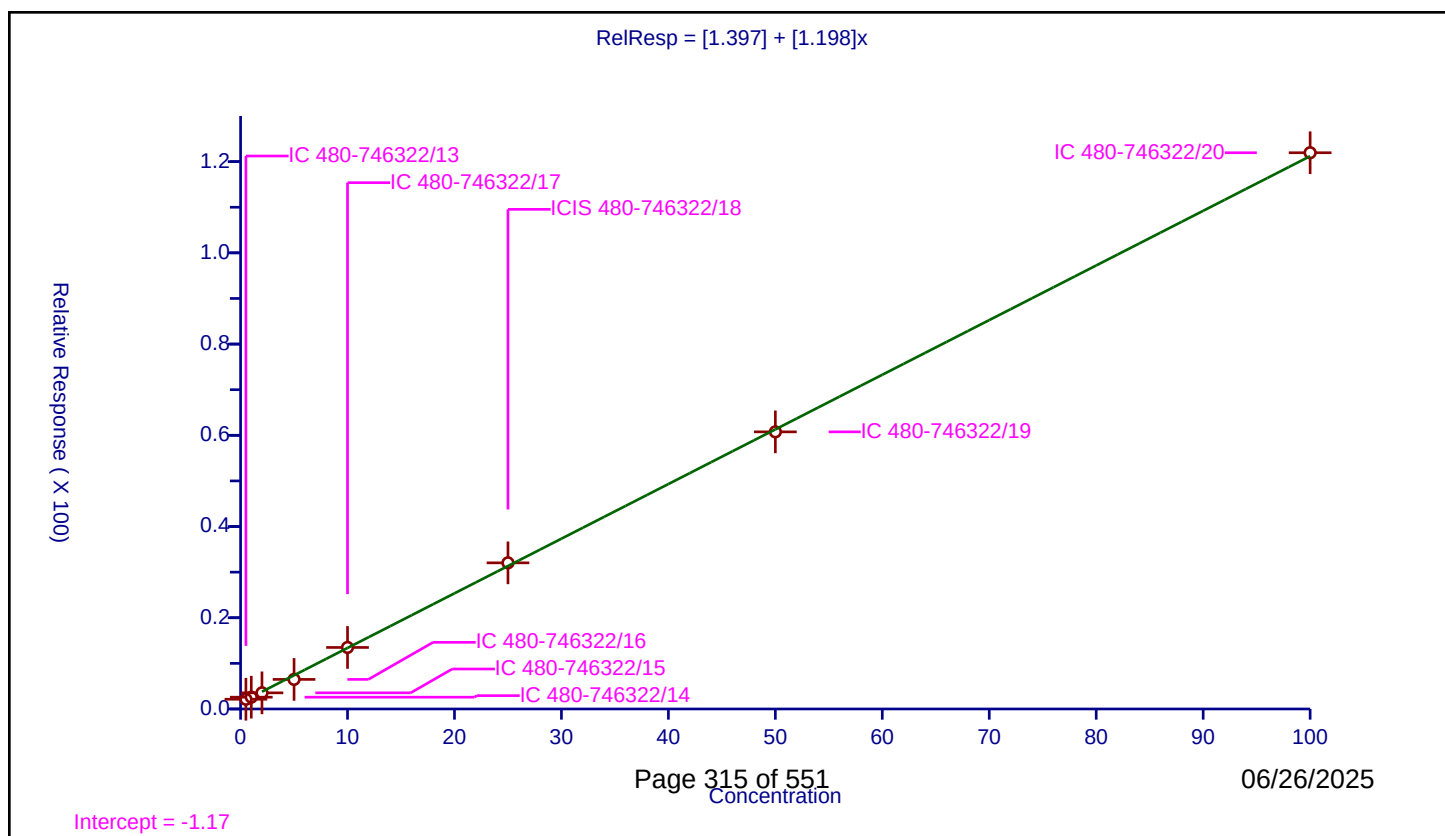
Curve Coefficients

Intercept: 1.397
Slope: 1.198

Error Coefficients

Relative Standard Deviation: 12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	2.136237	25.0	190206.0	4.272473	Y
2	IC 480-746322/14	1.0	2.584468	25.0	188888.0	2.584468	Y
3	IC 480-746322/15	2.0	3.541746	25.0	178796.0	1.770873	Y
4	IC 480-746322/16	5.0	6.485635	25.0	190841.0	1.297127	Y
5	IC 480-746322/17	10.0	13.492262	25.0	179577.0	1.349226	Y
6	ICIS 480-746322/18	25.0	32.039523	25.0	185563.0	1.281581	Y
7	IC 480-746322/19	50.0	60.757984	25.0	193698.0	1.21516	Y
8	IC 480-746322/20	100.0	121.950147	25.0	191583.0	1.219501	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

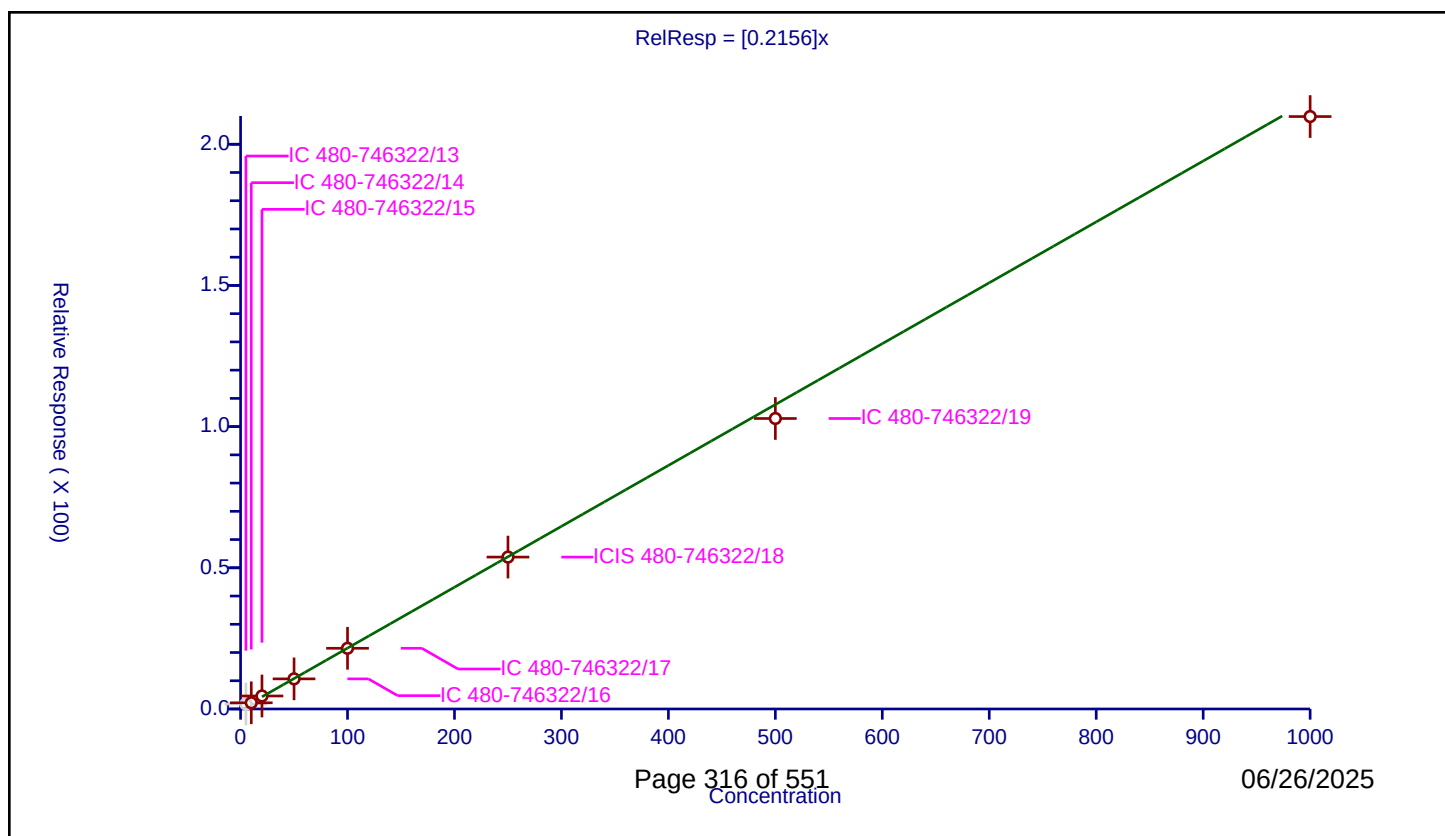
Curve Coefficients

Intercept: 0
Slope: 0.2156

Error Coefficients

Relative Standard Deviation: 3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	5.0	1.776364	25.0	190206.0	0.355273	N
2	IC 480-746322/14	10.0	2.199452	25.0	188888.0	0.219945	Y
3	IC 480-746322/15	20.0	4.608045	25.0	178796.0	0.230402	Y
4	IC 480-746322/16	50.0	10.664375	25.0	190841.0	0.213288	Y
5	IC 480-746322/17	100.0	21.499969	25.0	179577.0	0.215	Y
6	ICIS 480-746322/18	250.0	53.793456	25.0	185563.0	0.215174	Y
7	IC 480-746322/19	500.0	102.878063	25.0	193698.0	0.205756	Y
8	IC 480-746322/20	1000.0	209.811022	25.0	191583.0	0.209811	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

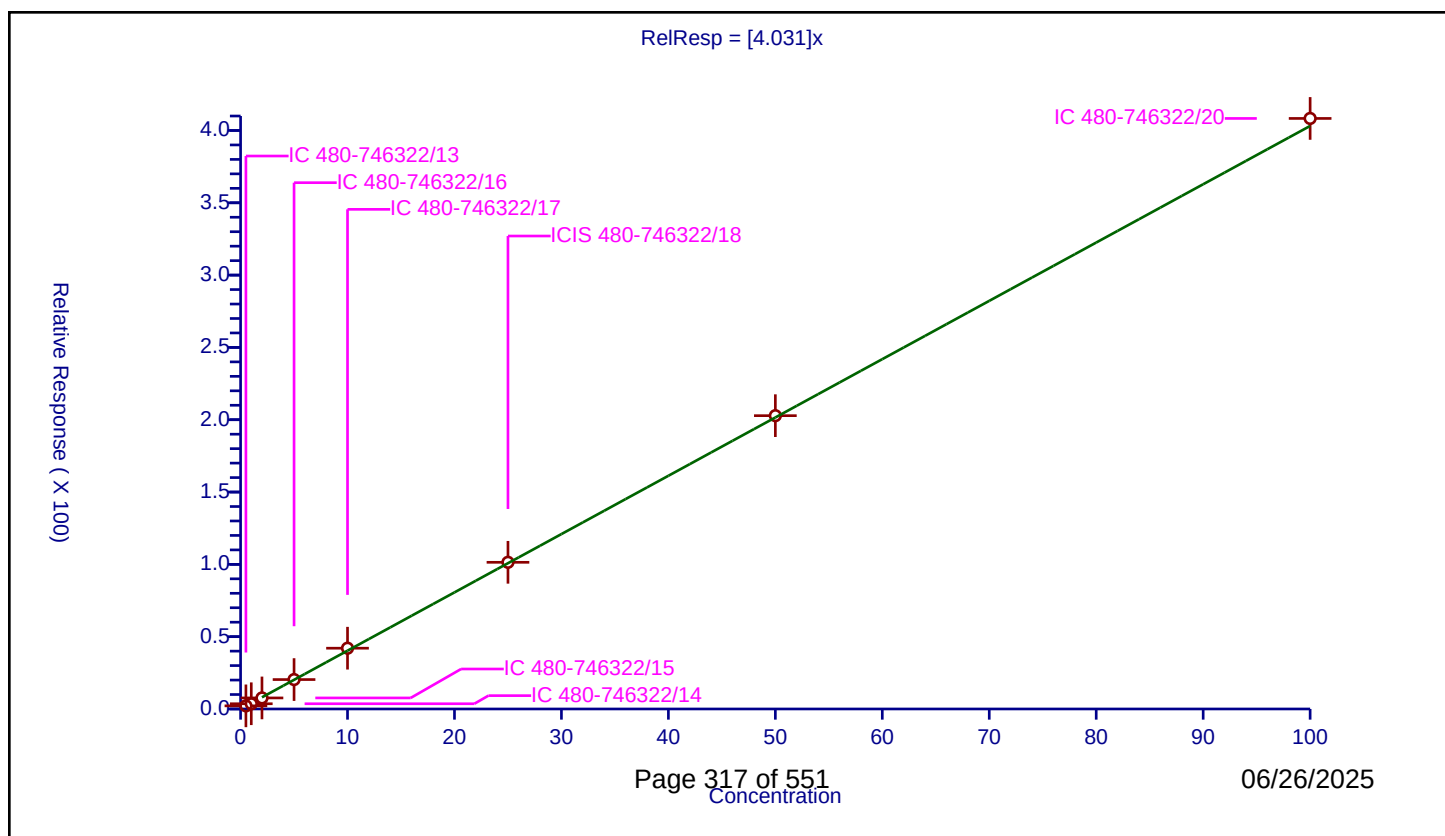
Curve Coefficients

Intercept: 0
Slope: 4.031

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	2.170147	25.0	190206.0	4.340294	Y
2	IC 480-746322/14	1.0	3.617488	25.0	188888.0	3.617488	Y
3	IC 480-746322/15	2.0	7.650479	25.0	178796.0	3.825239	Y
4	IC 480-746322/16	5.0	20.340493	25.0	190841.0	4.068099	Y
5	IC 480-746322/17	10.0	42.030577	25.0	179577.0	4.203058	Y
6	ICIS 480-746322/18	25.0	101.422293	25.0	185563.0	4.056892	Y
7	IC 480-746322/19	50.0	202.801526	25.0	193698.0	4.056031	Y
8	IC 480-746322/20	100.0	408.328636	25.0	191583.0	4.083286	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

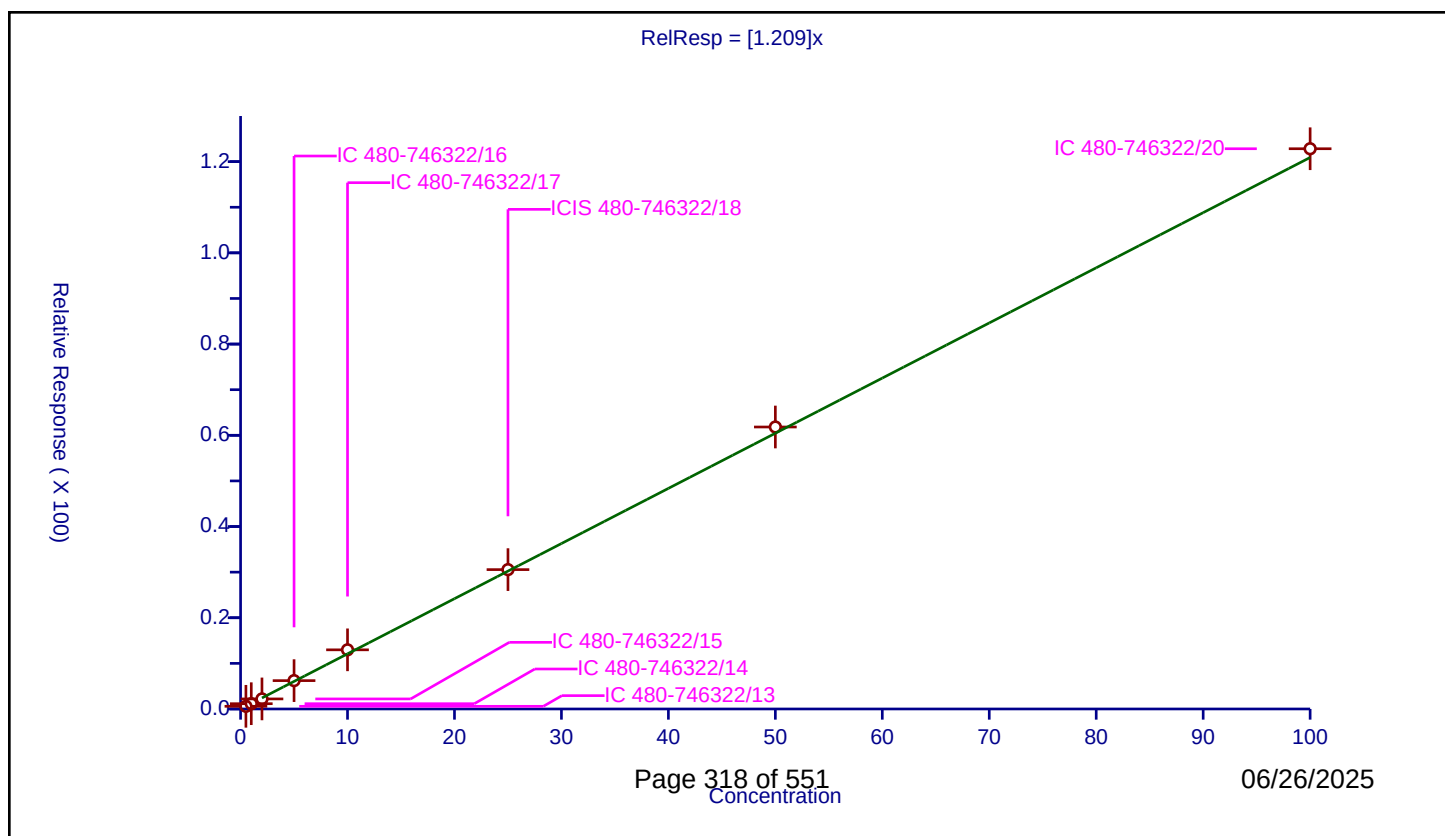
Curve Coefficients

Intercept: 0
Slope: 1.209

Error Coefficients

Relative Standard Deviation: 4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.589887	25.0	190206.0	1.179774	Y
2	IC 480-746322/14	1.0	1.160873	25.0	188888.0	1.160873	Y
3	IC 480-746322/15	2.0	2.209082	25.0	178796.0	1.104541	Y
4	IC 480-746322/16	5.0	6.216955	25.0	190841.0	1.243391	Y
5	IC 480-746322/17	10.0	12.971734	25.0	179577.0	1.297173	Y
6	ICIS 480-746322/18	25.0	30.552696	25.0	185563.0	1.222108	Y
7	IC 480-746322/19	50.0	61.818785	25.0	193698.0	1.236376	Y
8	IC 480-746322/20	100.0	122.827182	25.0	191583.0	1.228272	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

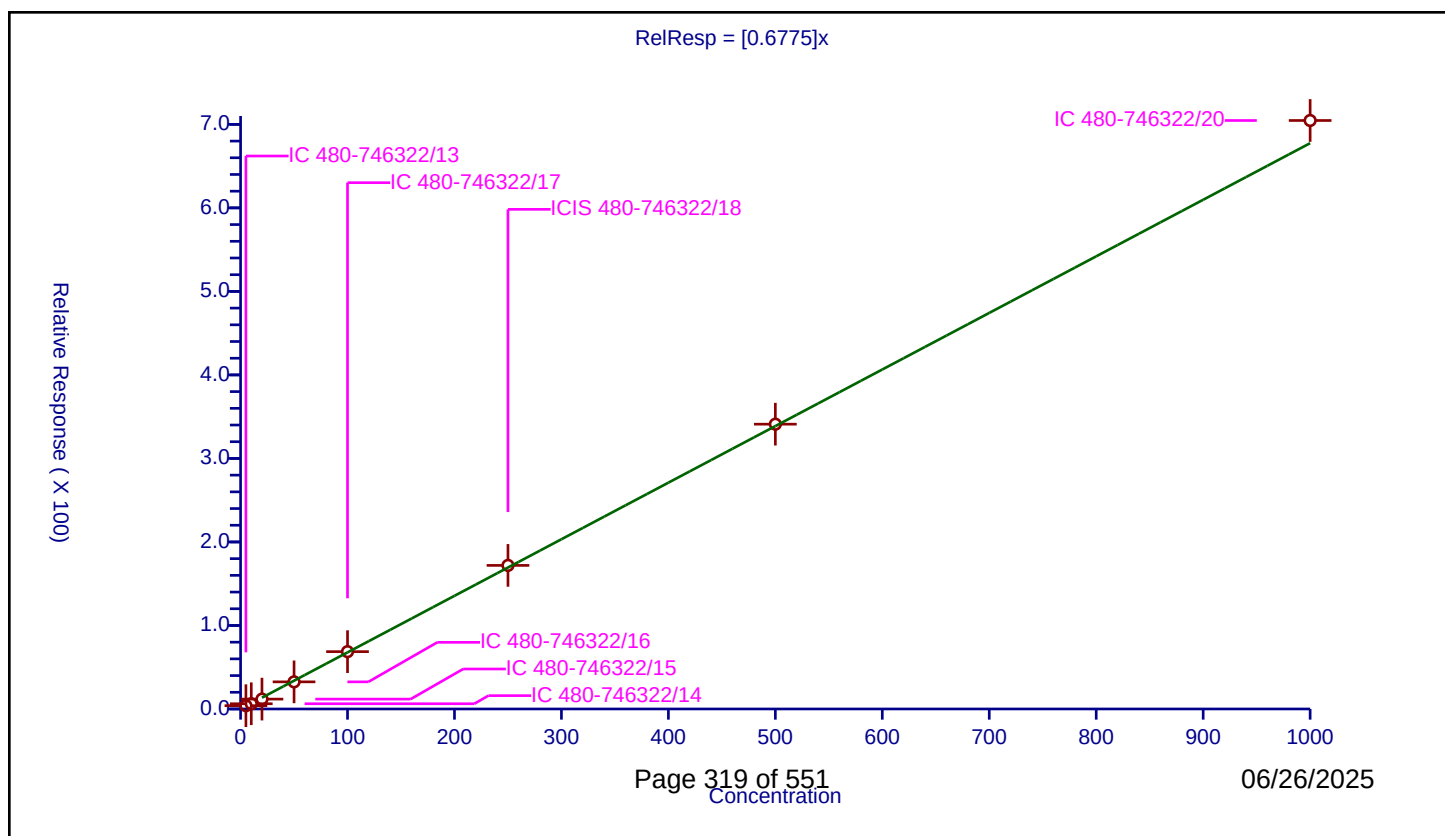
Curve Coefficients

Intercept: 0
Slope: 0.6775

Error Coefficients

Relative Standard Deviation: 8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	5.0	3.954397	25.0	190206.0	0.790879	Y
2	IC 480-746322/14	10.0	6.270118	25.0	188888.0	0.627012	Y
3	IC 480-746322/15	20.0	11.827026	25.0	178796.0	0.591351	Y
4	IC 480-746322/16	50.0	32.478608	25.0	190841.0	0.649572	Y
5	IC 480-746322/17	100.0	68.656621	25.0	179577.0	0.686566	Y
6	ICIS 480-746322/18	250.0	171.920857	25.0	185563.0	0.687683	Y
7	IC 480-746322/19	500.0	341.021461	25.0	193698.0	0.682043	Y
8	IC 480-746322/20	1000.0	704.621887	25.0	191583.0	0.704622	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

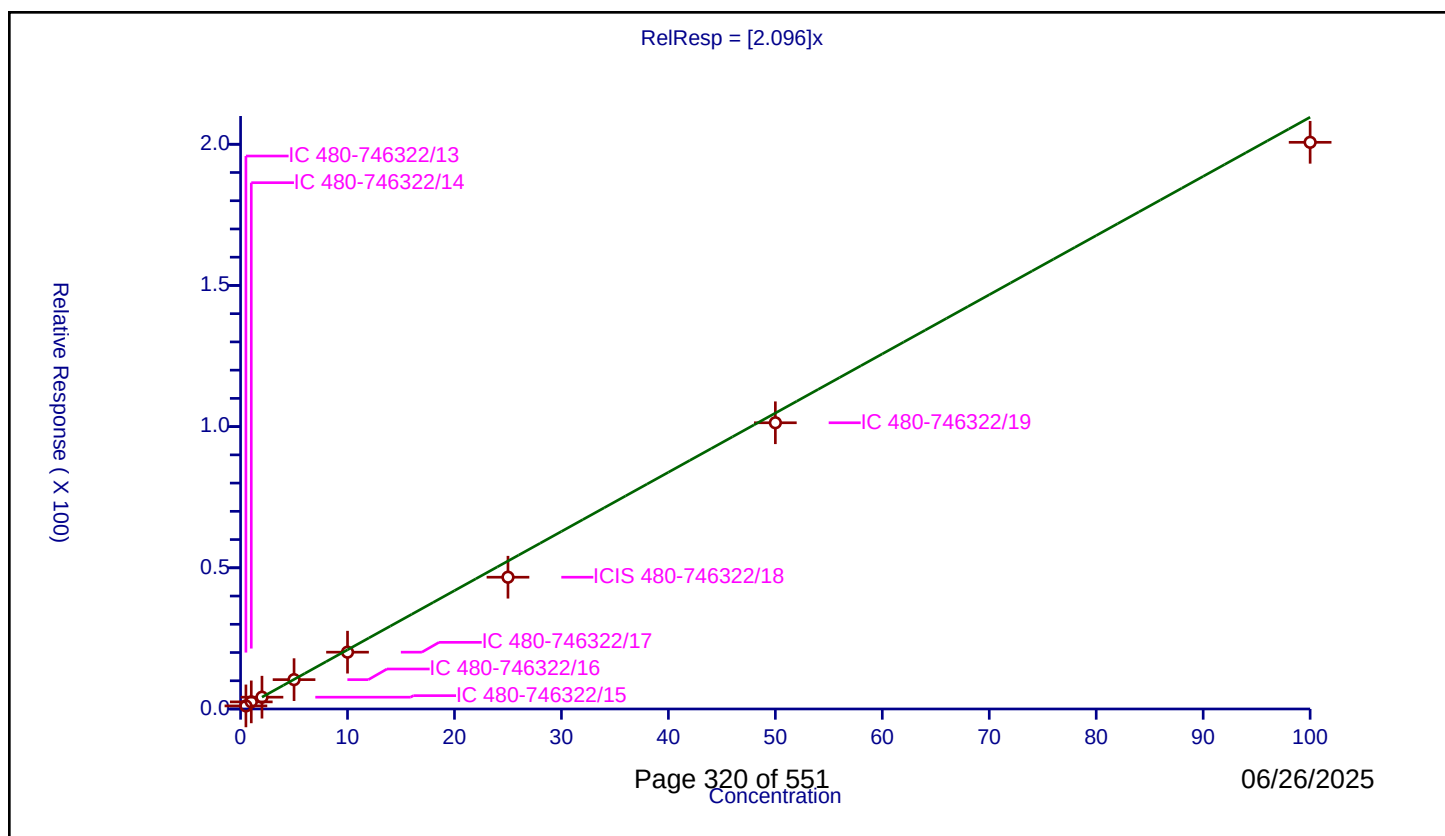
Curve Coefficients

Intercept: 0
 Slope: 2.096

Error Coefficients

Relative Standard Deviation: 9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.087374	25.0	190206.0	2.174747	Y
2	IC 480-746322/14	1.0	2.513394	25.0	188888.0	2.513394	Y
3	IC 480-746322/15	2.0	4.17473	25.0	178796.0	2.087365	Y
4	IC 480-746322/16	5.0	10.392028	25.0	190841.0	2.078406	Y
5	IC 480-746322/17	10.0	20.122566	25.0	179577.0	2.012257	Y
6	ICIS 480-746322/18	25.0	46.668113	25.0	185563.0	1.866725	Y
7	IC 480-746322/19	50.0	101.363979	25.0	193698.0	2.02728	Y
8	IC 480-746322/20	100.0	200.684299	25.0	191583.0	2.006843	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

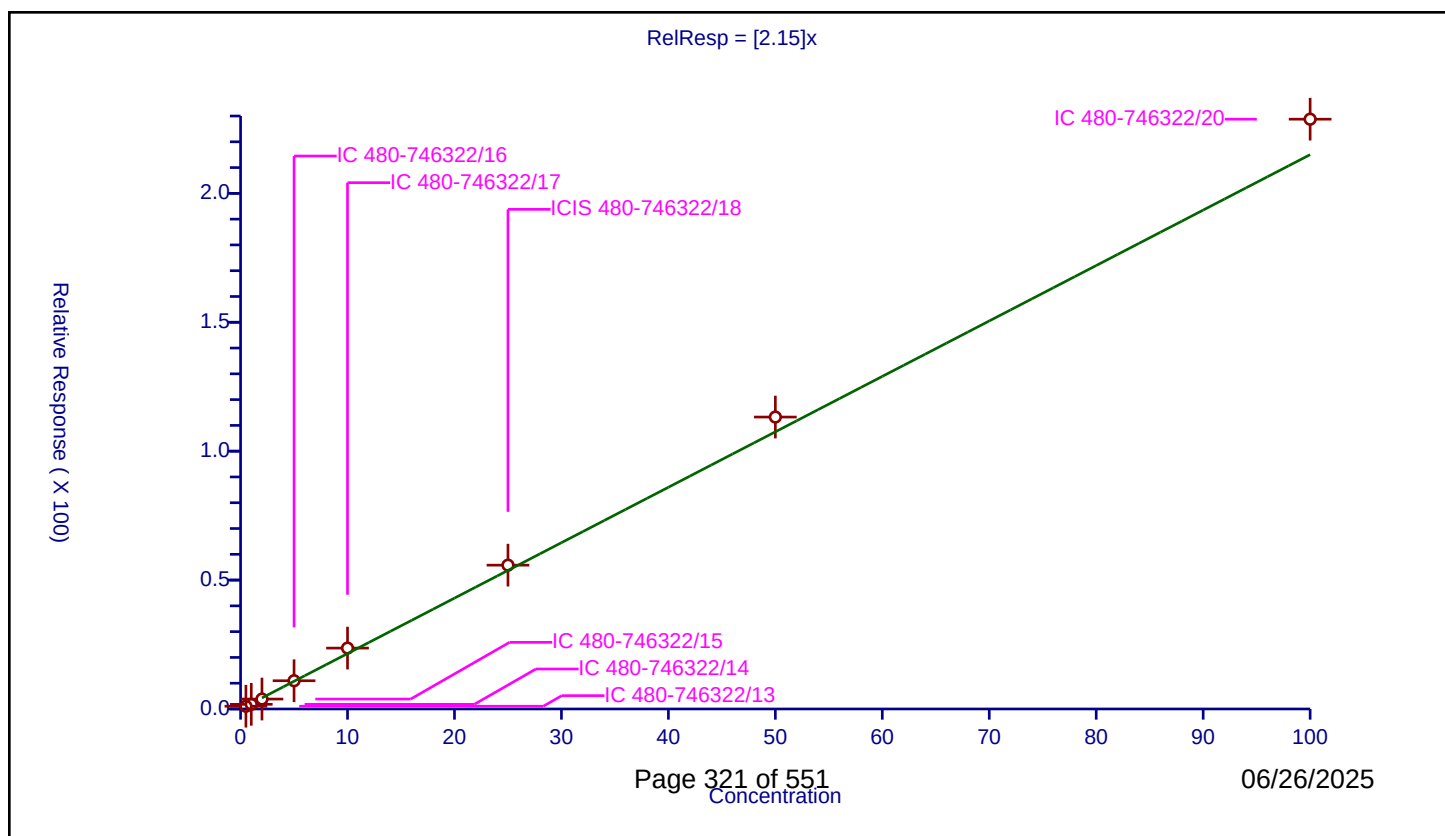
Curve Coefficients

Intercept: 0
 Slope: 2.15

Error Coefficients

Relative Standard Deviation: 8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.067264	25.0	190206.0	2.134528	Y
2	IC 480-746322/14	1.0	1.801729	25.0	188888.0	1.801729	Y
3	IC 480-746322/15	2.0	3.854952	25.0	178796.0	1.927476	Y
4	IC 480-746322/16	5.0	10.953883	25.0	190841.0	2.190777	Y
5	IC 480-746322/17	10.0	23.623571	25.0	179577.0	2.362357	Y
6	ICIS 480-746322/18	25.0	55.786175	25.0	185563.0	2.231447	Y
7	IC 480-746322/19	50.0	113.238779	25.0	193698.0	2.264776	Y
8	IC 480-746322/20	100.0	228.772125	25.0	191583.0	2.287721	Y



Calibration

/ Vinyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

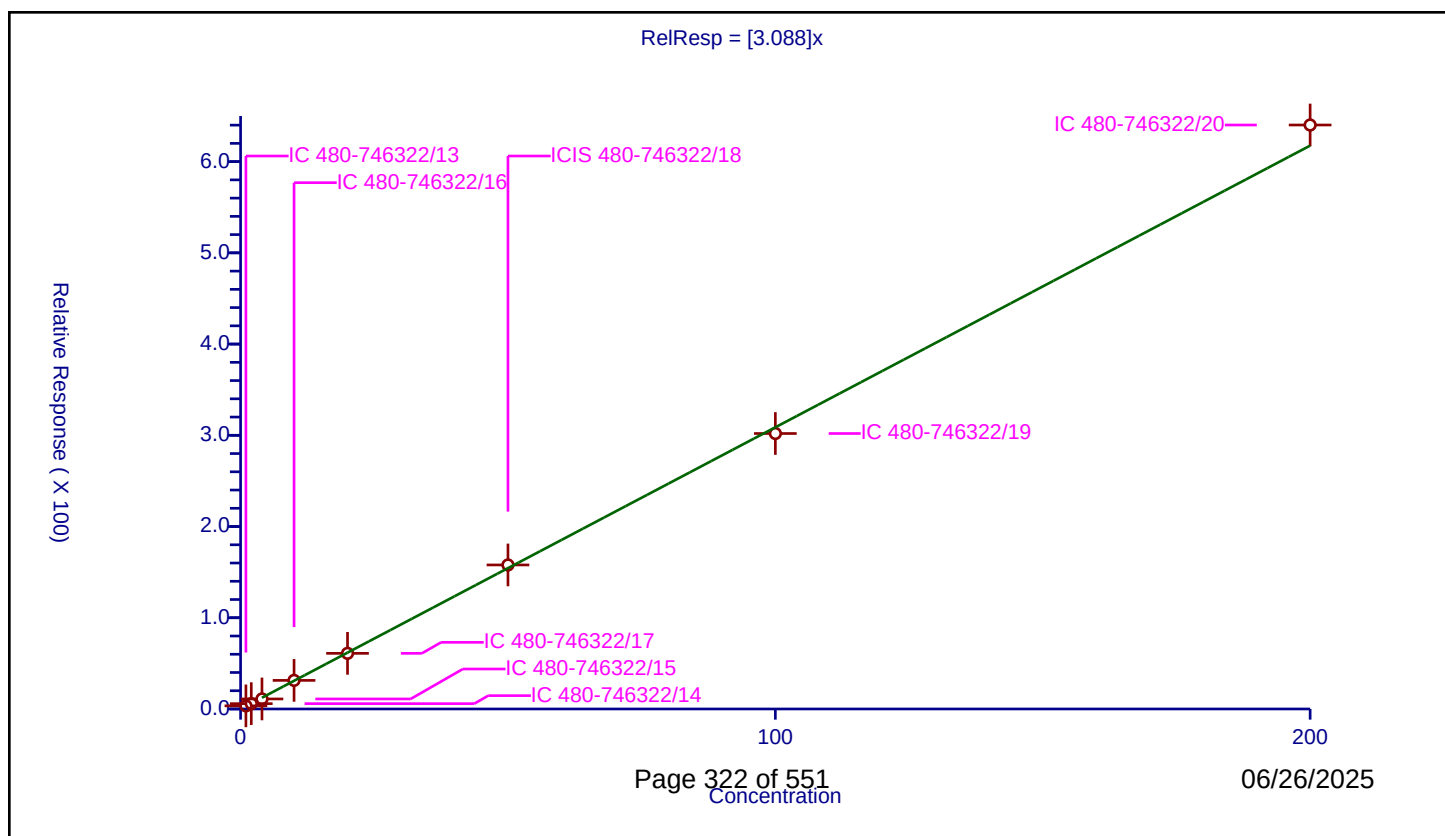
Curve Coefficients

Intercept: 0
Slope: 3.088

Error Coefficients

Relative Standard Deviation: 6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	1.0	3.448367	25.0	190206.0	3.448367	Y
2	IC 480-746322/14	2.0	5.872395	25.0	188888.0	2.936198	Y
3	IC 480-746322/15	4.0	11.008076	25.0	178796.0	2.752019	Y
4	IC 480-746322/16	10.0	31.357649	25.0	190841.0	3.135765	Y
5	IC 480-746322/17	20.0	61.005168	25.0	179577.0	3.050258	Y
6	ICIS 480-746322/18	50.0	157.890312	25.0	185563.0	3.157806	Y
7	IC 480-746322/19	100.0	301.985823	25.0	193698.0	3.019858	Y
8	IC 480-746322/20	200.0	640.142001	25.0	191583.0	3.20071	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

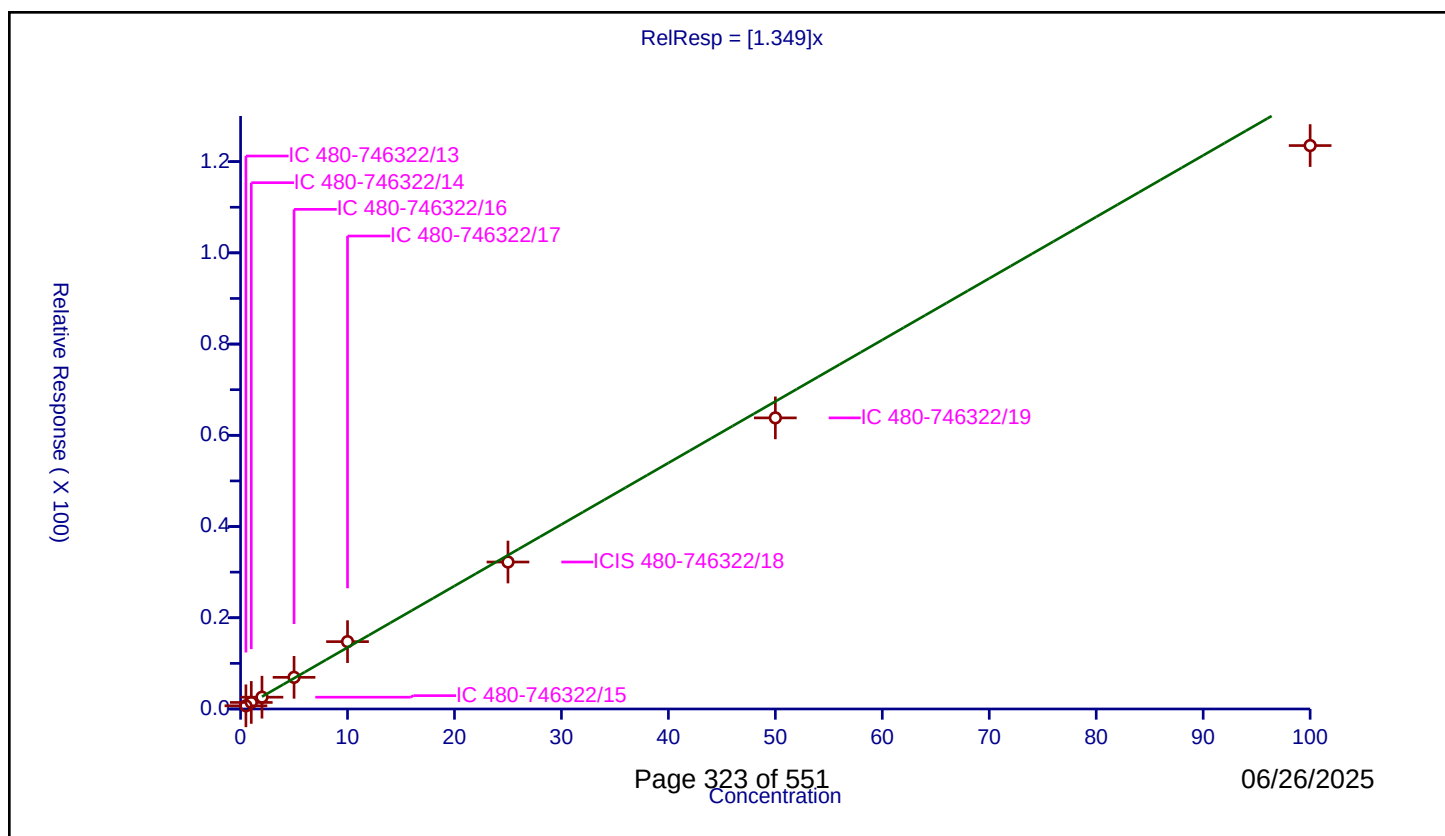
Curve Coefficients

Intercept: 0
Slope: 1.349

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.697402	25.0	190206.0	1.394804	Y
2	IC 480-746322/14	1.0	1.434448	25.0	188888.0	1.434448	Y
3	IC 480-746322/15	2.0	2.588704	25.0	178796.0	1.294352	Y
4	IC 480-746322/16	5.0	6.939678	25.0	190841.0	1.387936	Y
5	IC 480-746322/17	10.0	14.762052	25.0	179577.0	1.476205	Y
6	ICIS 480-746322/18	25.0	32.220324	25.0	185563.0	1.288813	Y
7	IC 480-746322/19	50.0	63.818806	25.0	193698.0	1.276376	Y
8	IC 480-746322/20	100.0	123.520224	25.0	191583.0	1.235202	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

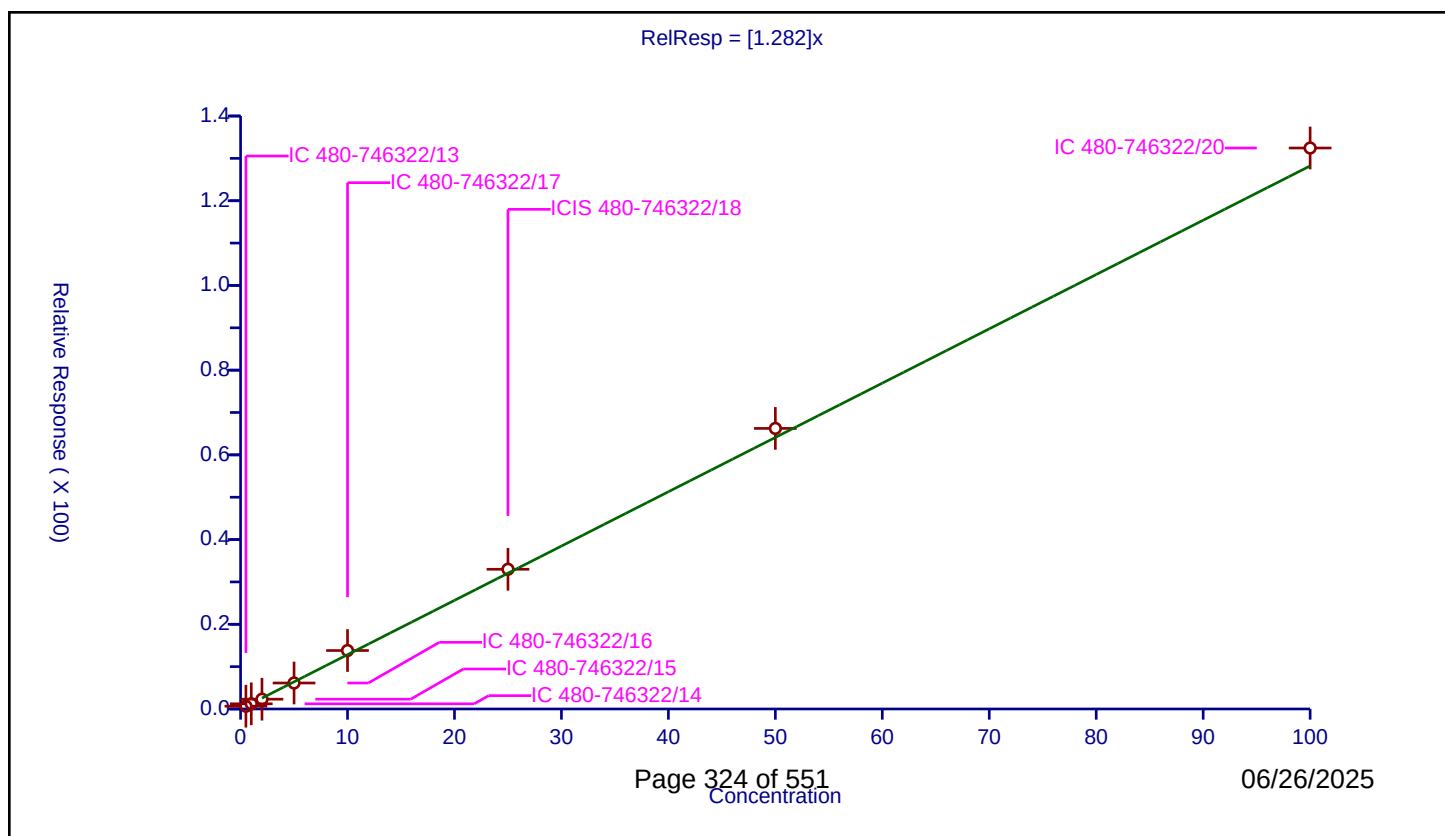
Curve Coefficients

Intercept: 0
Slope: 1.282

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.65061	25.0	190206.0	1.301221	Y
2	IC 480-746322/14	1.0	1.223212	25.0	188888.0	1.223212	Y
3	IC 480-746322/15	2.0	2.311992	25.0	178796.0	1.155996	Y
4	IC 480-746322/16	5.0	6.138225	25.0	190841.0	1.227645	Y
5	IC 480-746322/17	10.0	13.805081	25.0	179577.0	1.380508	Y
6	ICIS 480-746322/18	25.0	32.989605	25.0	185563.0	1.319584	Y
7	IC 480-746322/19	50.0	66.242166	25.0	193698.0	1.324843	Y
8	IC 480-746322/20	100.0	132.444424	25.0	191583.0	1.324444	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

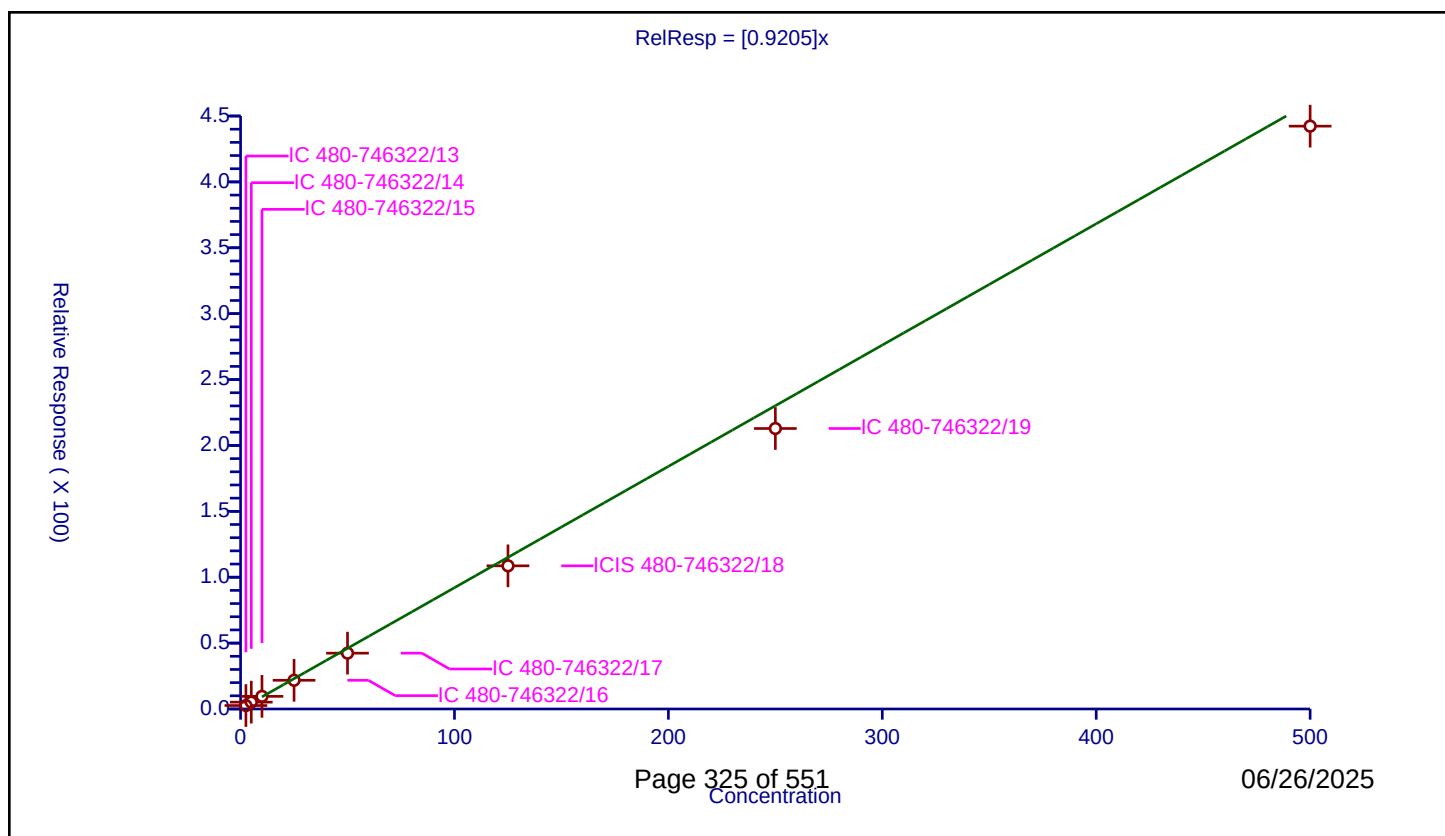
Curve Coefficients

Intercept: 0
Slope: 0.9205

Error Coefficients

Relative Standard Deviation: 8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	2.5	2.615191	25.0	190206.0	1.046076	Y
2	IC 480-746322/14	5.0	5.182039	25.0	188888.0	1.036408	Y
3	IC 480-746322/15	10.0	9.572362	25.0	178796.0	0.957236	Y
4	IC 480-746322/16	25.0	21.793928	25.0	190841.0	0.871757	Y
5	IC 480-746322/17	50.0	42.375972	25.0	179577.0	0.847519	Y
6	ICIS 480-746322/18	125.0	108.648545	25.0	185563.0	0.869188	Y
7	IC 480-746322/19	250.0	212.85545	25.0	193698.0	0.851422	Y
8	IC 480-746322/20	500.0	442.318081	25.0	191583.0	0.884636	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

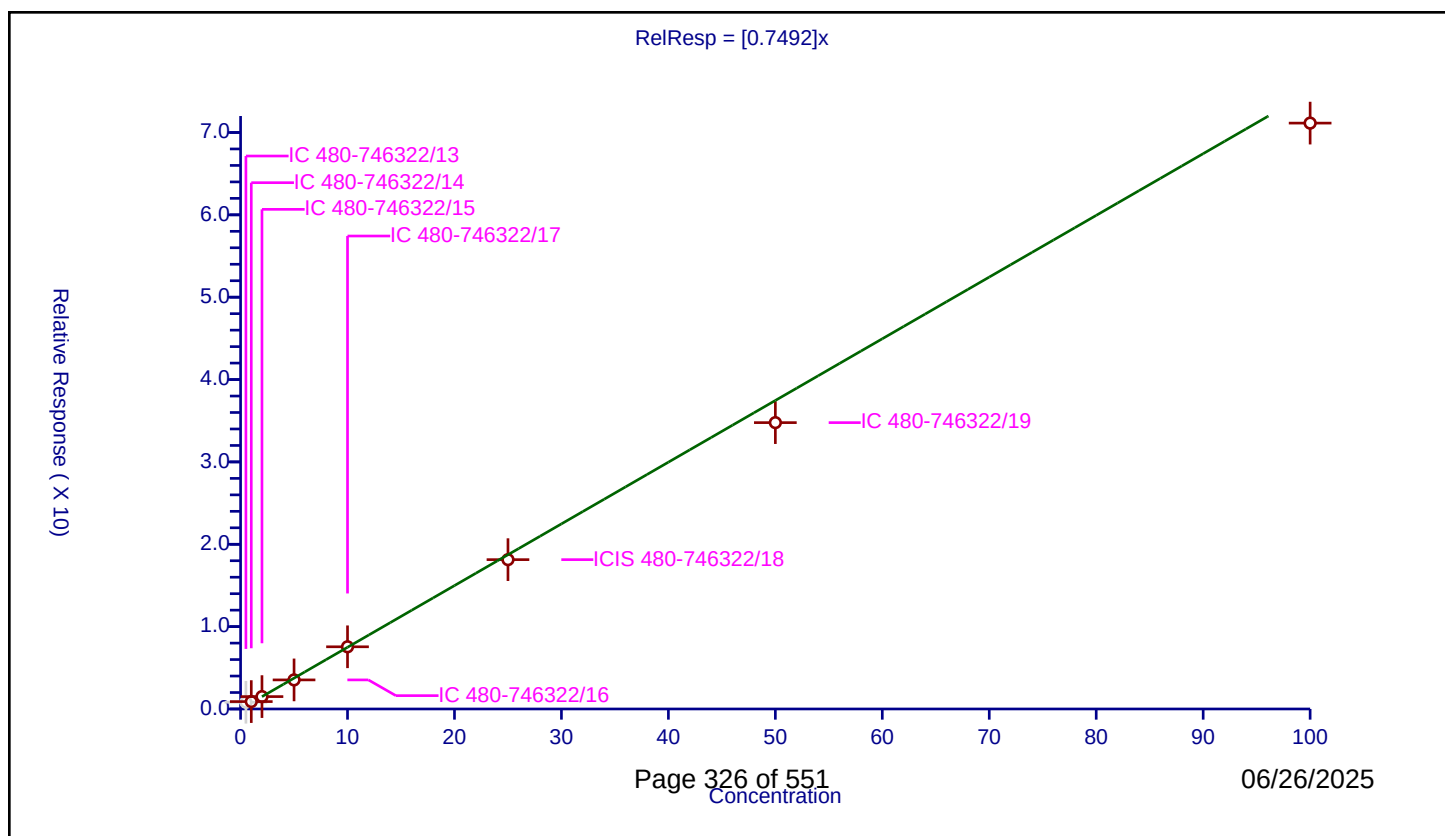
Curve Coefficients

Intercept: 0
Slope: 0.7492

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.815957	25.0	190206.0	1.631915	N
2	IC 480-746322/14	1.0	0.898548	25.0	188888.0	0.898548	Y
3	IC 480-746322/15	2.0	1.504228	25.0	178796.0	0.752114	Y
4	IC 480-746322/16	5.0	3.532129	25.0	190841.0	0.706426	Y
5	IC 480-746322/17	10.0	7.551496	25.0	179577.0	0.75515	Y
6	ICIS 480-746322/18	25.0	18.133464	25.0	185563.0	0.725339	Y
7	IC 480-746322/19	50.0	34.770364	25.0	193698.0	0.695407	Y
8	IC 480-746322/20	100.0	71.138227	25.0	191583.0	0.711382	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

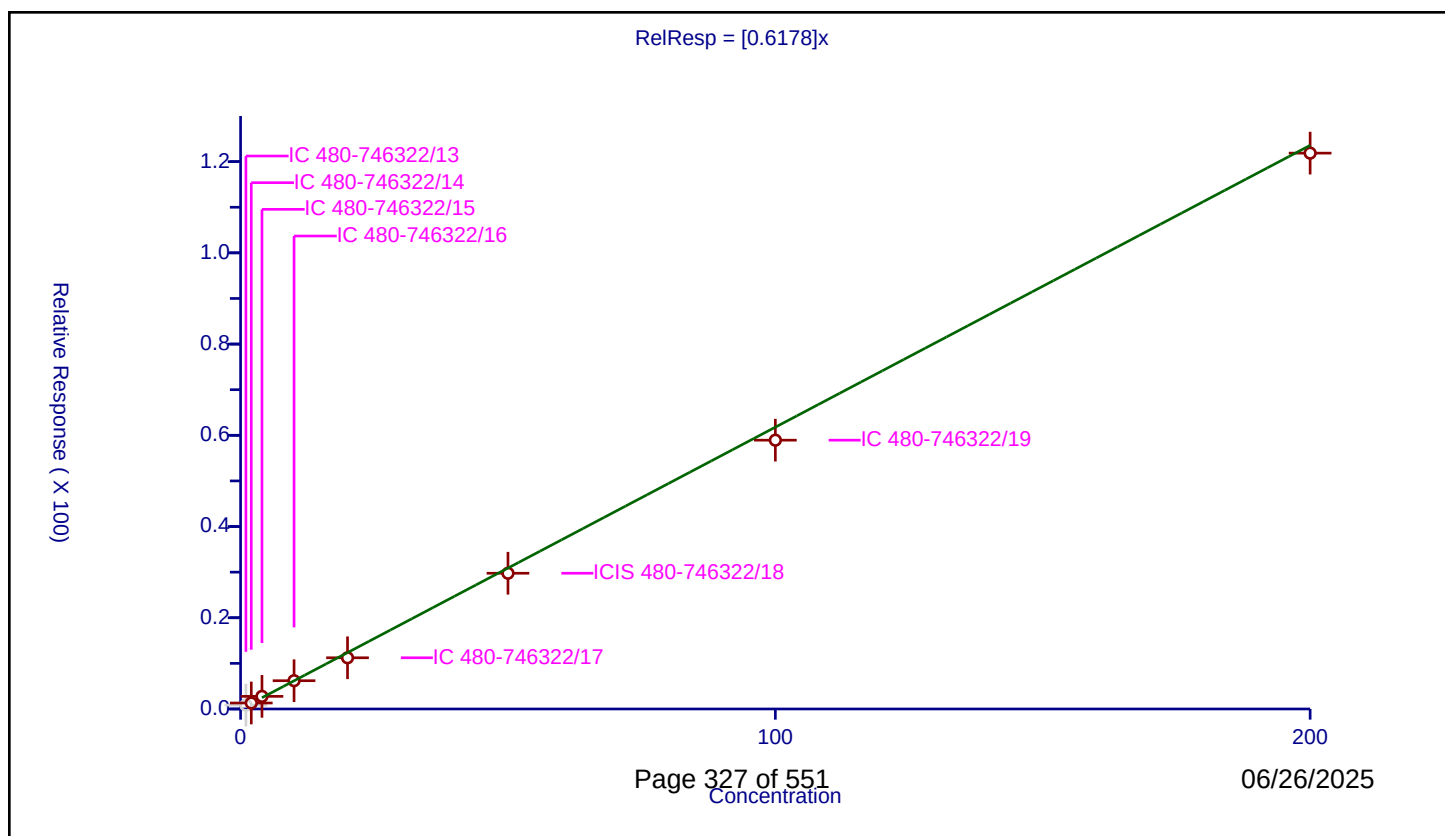
Curve Coefficients

Intercept: 0
 Slope: 0.6178

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	1.0	0.849605	25.0	190206.0	0.849605	N
2	IC 480-746322/14	2.0	1.313477	25.0	188888.0	0.656738	Y
3	IC 480-746322/15	4.0	2.770755	25.0	178796.0	0.692689	Y
4	IC 480-746322/16	10.0	6.202677	25.0	190841.0	0.620268	Y
5	IC 480-746322/17	20.0	11.227217	25.0	179577.0	0.561361	Y
6	ICIS 480-746322/18	50.0	29.758088	25.0	185563.0	0.595162	Y
7	IC 480-746322/19	100.0	58.933623	25.0	193698.0	0.589336	Y
8	IC 480-746322/20	200.0	121.862717	25.0	191583.0	0.609314	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

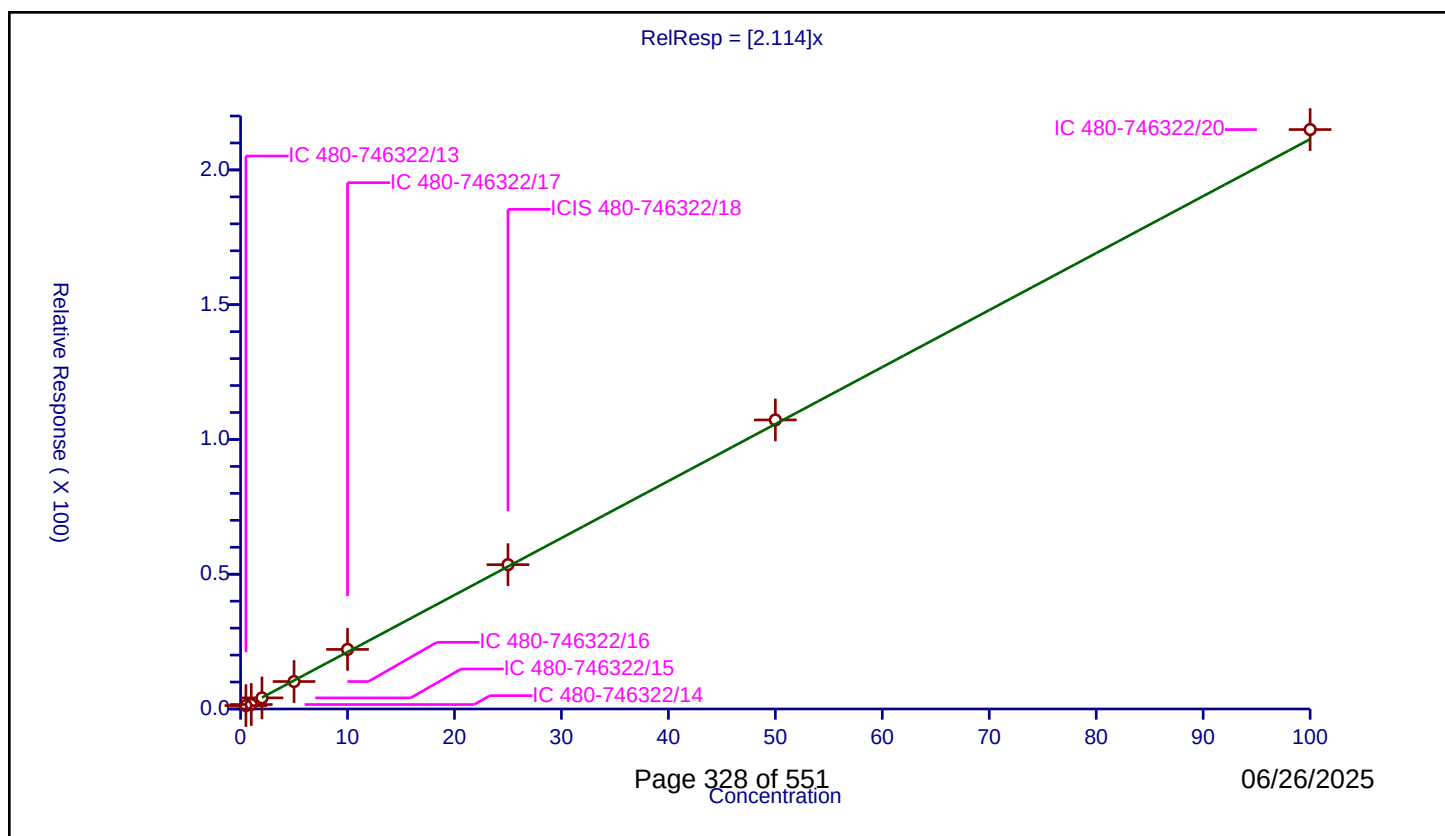
Curve Coefficients

Intercept: 0
Slope: 2.114

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.257584	25.0	190206.0	2.515168	Y
2	IC 480-746322/14	1.0	1.654552	25.0	188888.0	1.654552	Y
3	IC 480-746322/15	2.0	4.116144	25.0	178796.0	2.058072	Y
4	IC 480-746322/16	5.0	10.188193	25.0	190841.0	2.037639	Y
5	IC 480-746322/17	10.0	22.105002	25.0	179577.0	2.2105	Y
6	ICIS 480-746322/18	25.0	53.554049	25.0	185563.0	2.142162	Y
7	IC 480-746322/19	50.0	107.240008	25.0	193698.0	2.1448	Y
8	IC 480-746322/20	100.0	214.973928	25.0	191583.0	2.149739	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

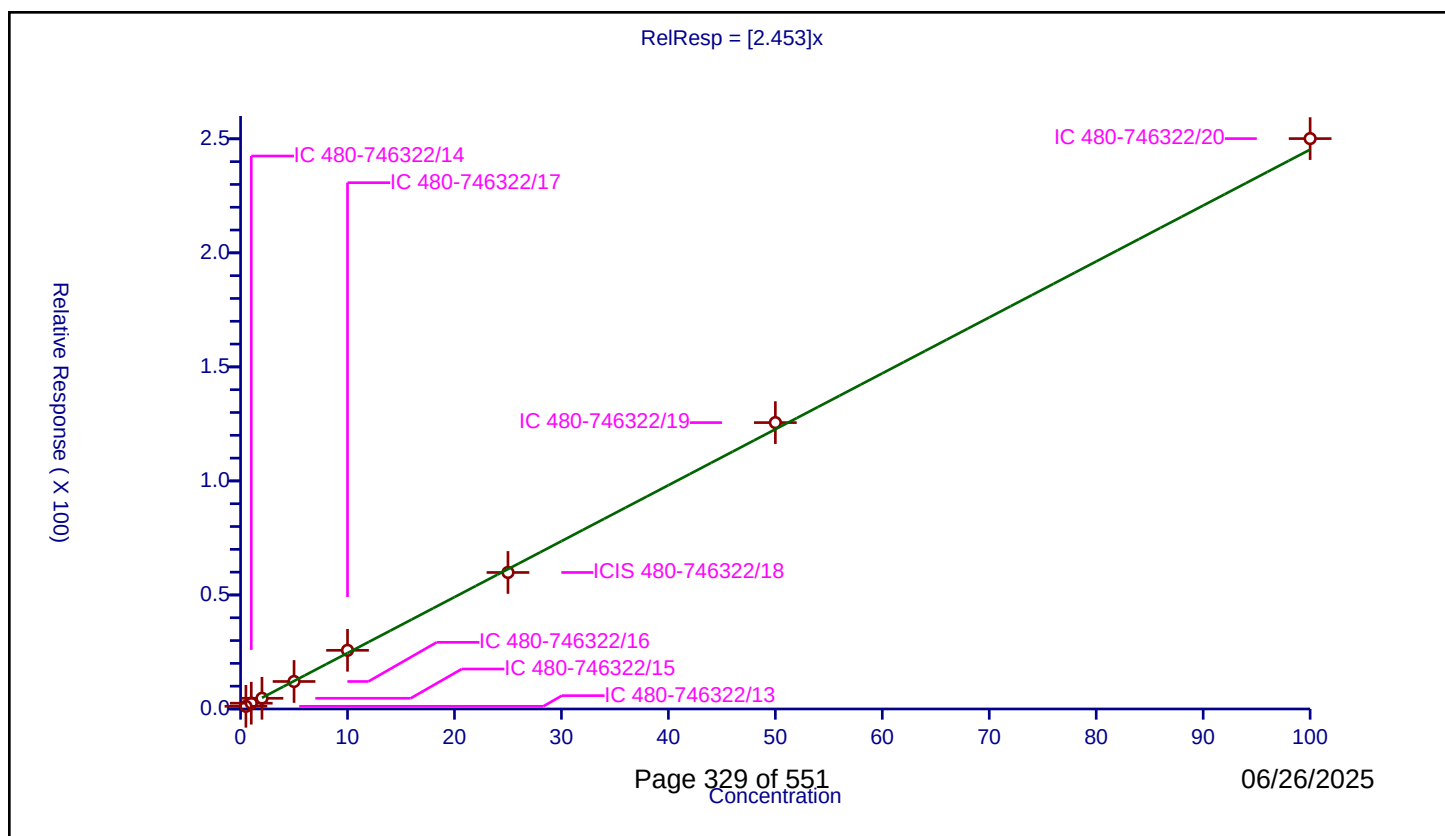
Curve Coefficients

Intercept: 0
Slope: 2.453

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.17675	25.0	190206.0	2.353501	Y
2	IC 480-746322/14	1.0	2.532718	25.0	188888.0	2.532718	Y
3	IC 480-746322/15	2.0	4.689562	25.0	178796.0	2.344781	Y
4	IC 480-746322/16	5.0	12.063707	25.0	190841.0	2.412741	Y
5	IC 480-746322/17	10.0	25.725733	25.0	179577.0	2.572573	Y
6	ICIS 480-746322/18	25.0	59.855817	25.0	185563.0	2.394233	Y
7	IC 480-746322/19	50.0	125.571895	25.0	193698.0	2.511438	Y
8	IC 480-746322/20	100.0	250.100218	25.0	191583.0	2.501002	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

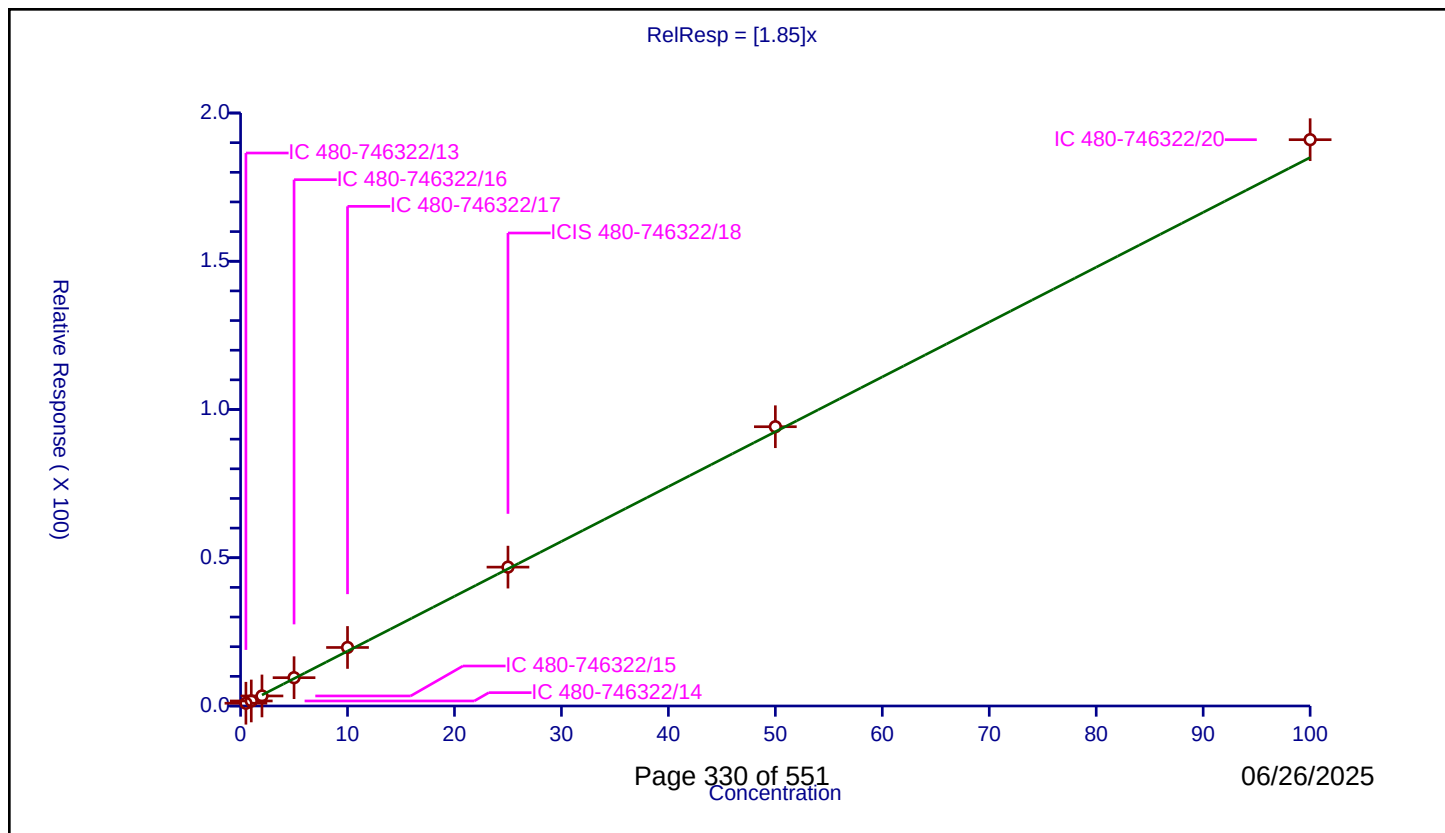
Curve Coefficients

Intercept: 0
Slope: 1.85

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.929519	25.0	190206.0	1.859037	Y
2	IC 480-746322/14	1.0	1.695846	25.0	188888.0	1.695846	Y
3	IC 480-746322/15	2.0	3.386261	25.0	178796.0	1.693131	Y
4	IC 480-746322/16	5.0	9.54787	25.0	190841.0	1.909574	Y
5	IC 480-746322/17	10.0	19.739861	25.0	179577.0	1.973986	Y
6	ICIS 480-746322/18	25.0	46.840561	25.0	185563.0	1.873622	Y
7	IC 480-746322/19	50.0	94.196378	25.0	193698.0	1.883928	Y
8	IC 480-746322/20	100.0	191.002986	25.0	191583.0	1.91003	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

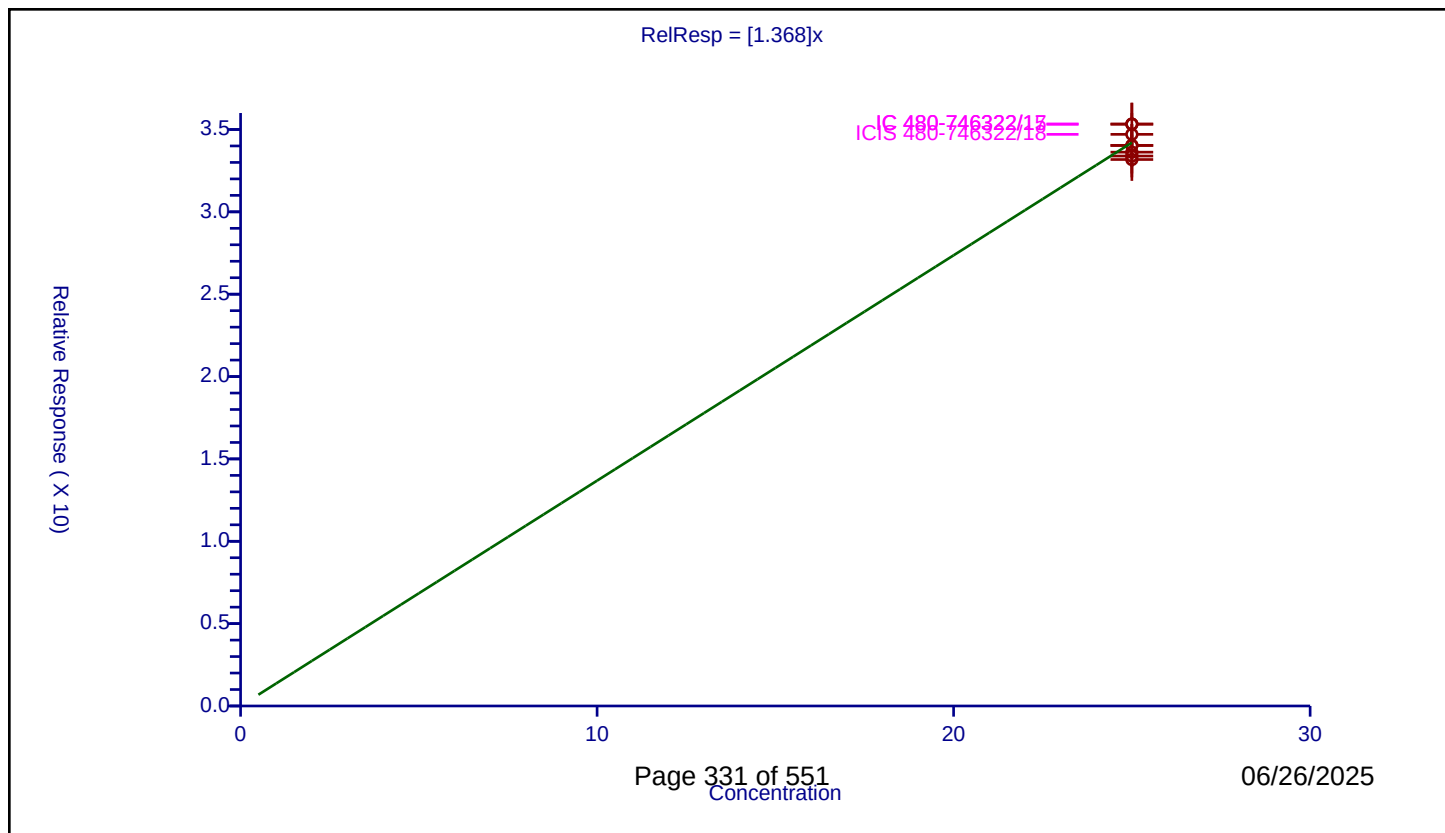
Curve Coefficients

Intercept: 0
Slope: 1.368

Error Coefficients

Relative Standard Deviation: 2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	25.0	33.624071	25.0	190206.0	1.344963	Y
2	IC 480-746322/14	25.0	34.036307	25.0	188888.0	1.361452	Y
3	IC 480-746322/15	25.0	35.323357	25.0	178796.0	1.412934	Y
4	IC 480-746322/16	25.0	33.175785	25.0	190841.0	1.327031	Y
5	IC 480-746322/17	25.0	35.329135	25.0	179577.0	1.413165	Y
6	ICIS 480-746322/18	25.0	34.705599	25.0	185563.0	1.388224	Y
7	IC 480-746322/19	25.0	33.388187	25.0	193698.0	1.335527	Y
8	IC 480-746322/20	25.0	34.028724	25.0	191583.0	1.361149	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

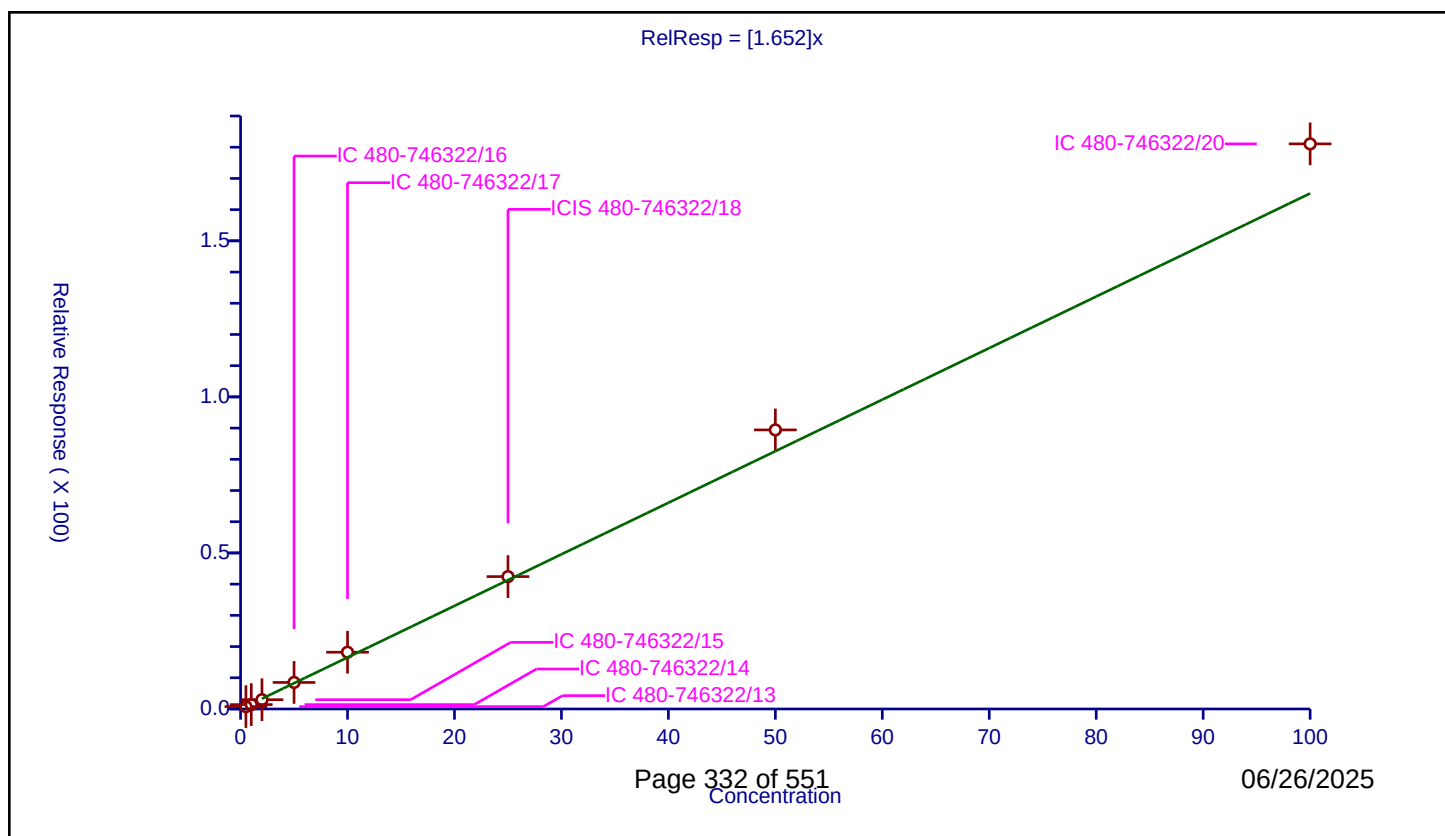
Curve Coefficients

Intercept: 0
Slope: 1.652

Error Coefficients

Relative Standard Deviation: 9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.754445	25.0	190206.0	1.50889	Y
2	IC 480-746322/14	1.0	1.402948	25.0	188888.0	1.402948	Y
3	IC 480-746322/15	2.0	2.976996	25.0	178796.0	1.488498	Y
4	IC 480-746322/16	5.0	8.504069	25.0	190841.0	1.700814	Y
5	IC 480-746322/17	10.0	18.189412	25.0	179577.0	1.818941	Y
6	ICIS 480-746322/18	25.0	42.417535	25.0	185563.0	1.696701	Y
7	IC 480-746322/19	50.0	89.421032	25.0	193698.0	1.788421	Y
8	IC 480-746322/20	100.0	181.067083	25.0	191583.0	1.810671	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

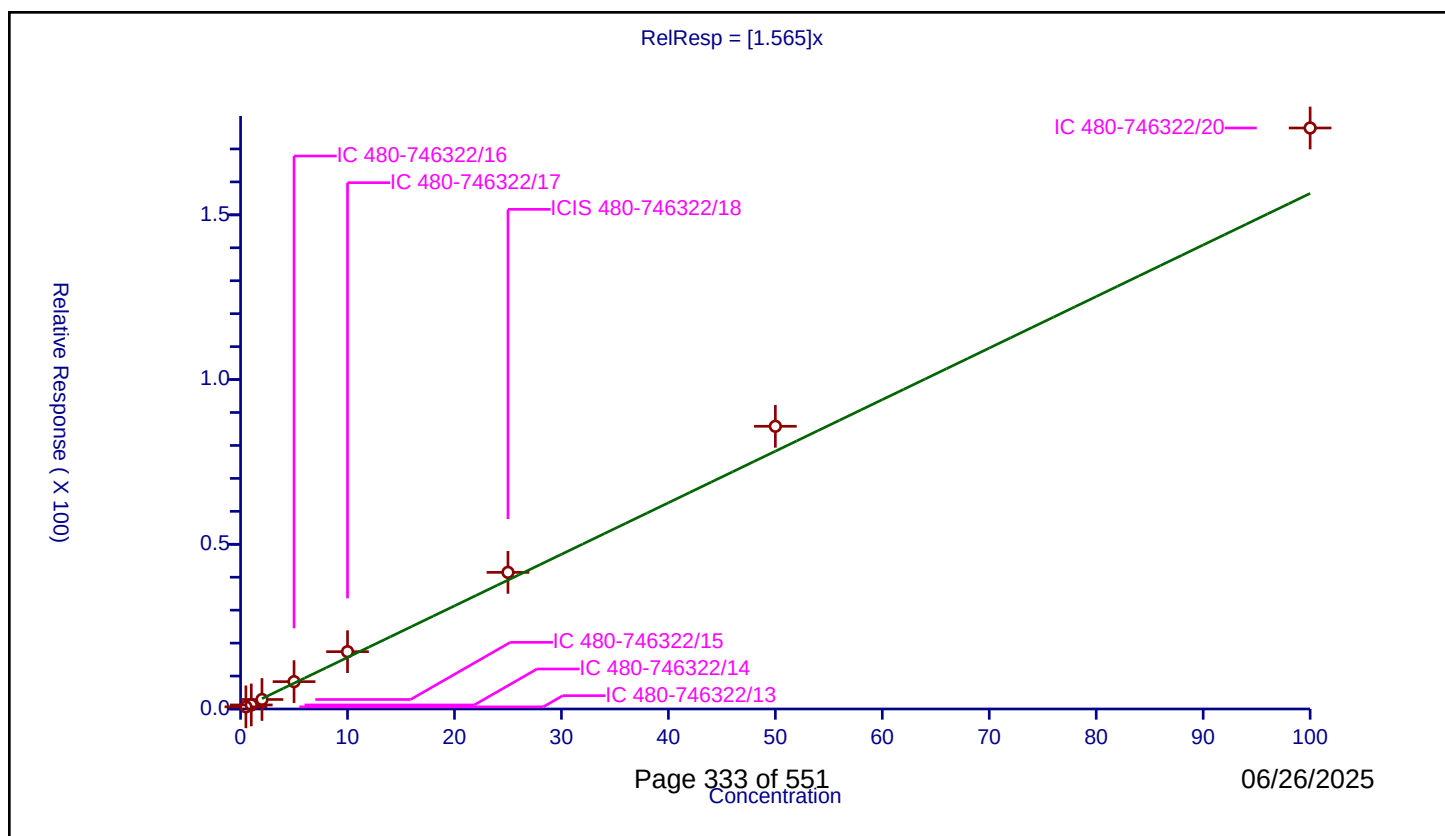
Curve Coefficients

Intercept: 0
Slope: 1.565

Error Coefficients

Relative Standard Deviation: 13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.654422	25.0	190206.0	1.308844	Y
2	IC 480-746322/14	1.0	1.229829	25.0	188888.0	1.229829	Y
3	IC 480-746322/15	2.0	2.882615	25.0	178796.0	1.441307	Y
4	IC 480-746322/16	5.0	8.303509	25.0	190841.0	1.660702	Y
5	IC 480-746322/17	10.0	17.403537	25.0	179577.0	1.740354	Y
6	ICIS 480-746322/18	25.0	41.472842	25.0	185563.0	1.658914	Y
7	IC 480-746322/19	50.0	85.819162	25.0	193698.0	1.716383	Y
8	IC 480-746322/20	100.0	176.366901	25.0	191583.0	1.763669	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

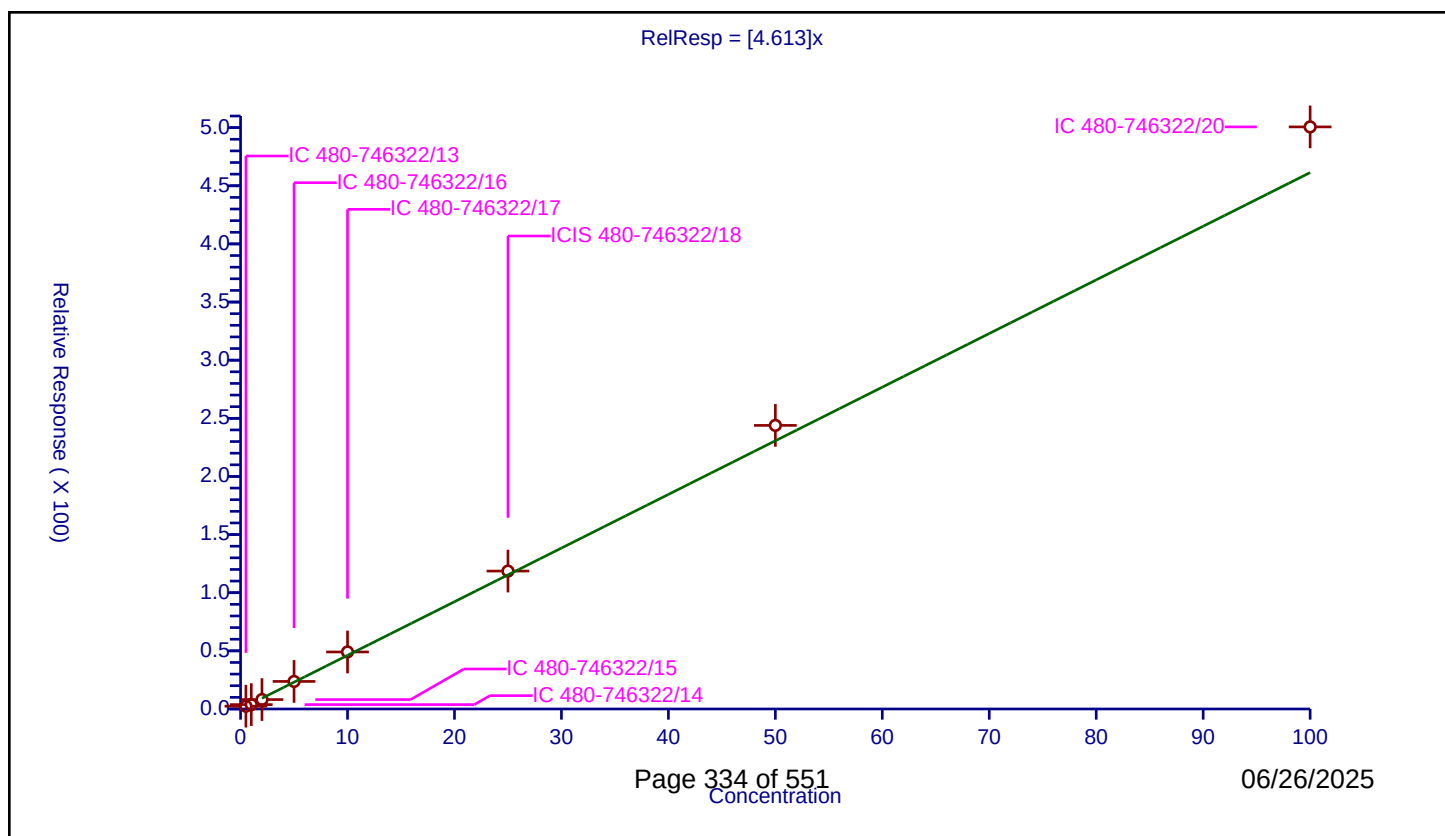
Curve Coefficients

Intercept: 0
Slope: 4.613

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	2.404761	25.0	190206.0	4.809522	Y
2	IC 480-746322/14	1.0	3.762812	25.0	188888.0	3.762812	Y
3	IC 480-746322/15	2.0	8.116652	25.0	178796.0	4.058326	Y
4	IC 480-746322/16	5.0	23.712672	25.0	190841.0	4.742534	Y
5	IC 480-746322/17	10.0	49.04985	25.0	179577.0	4.904985	Y
6	ICIS 480-746322/18	25.0	118.603924	25.0	185563.0	4.744157	Y
7	IC 480-746322/19	50.0	243.905848	25.0	193698.0	4.878117	Y
8	IC 480-746322/20	100.0	500.631972	25.0	191583.0	5.00632	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

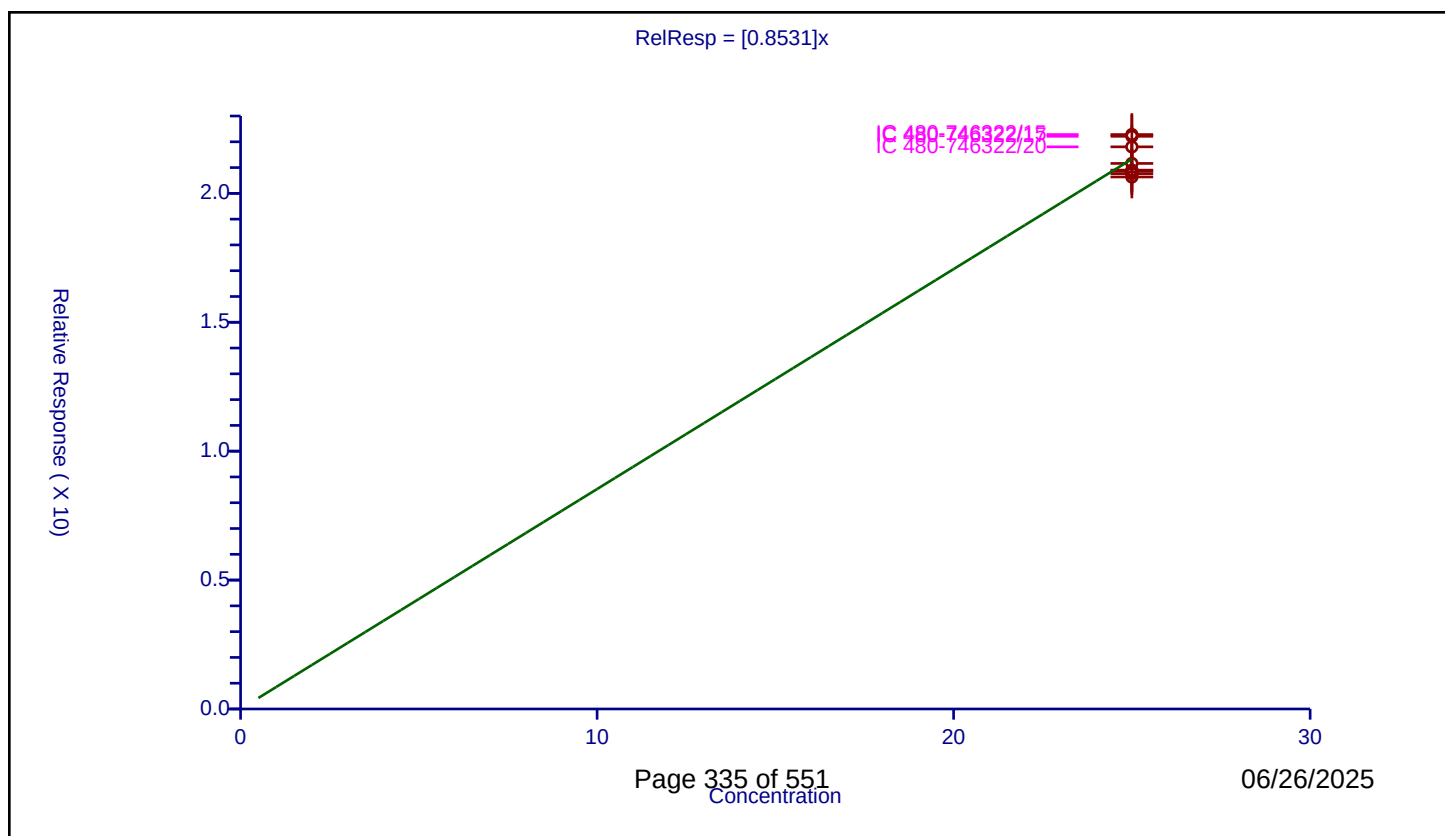
Curve Coefficients

Intercept: 0
Slope: 0.8531

Error Coefficients

Relative Standard Deviation: 3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	25.0	20.635916	25.0	190206.0	0.825437	Y
2	IC 480-746322/14	25.0	20.861436	25.0	188888.0	0.834457	Y
3	IC 480-746322/15	25.0	22.28084	25.0	178796.0	0.891234	Y
4	IC 480-746322/16	25.0	20.765061	25.0	190841.0	0.830602	Y
5	IC 480-746322/17	25.0	22.212477	25.0	179577.0	0.888499	Y
6	ICIS 480-746322/18	25.0	20.901257	25.0	185563.0	0.83605	Y
7	IC 480-746322/19	25.0	21.161421	25.0	193698.0	0.846457	Y
8	IC 480-746322/20	25.0	21.804649	25.0	191583.0	0.872186	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

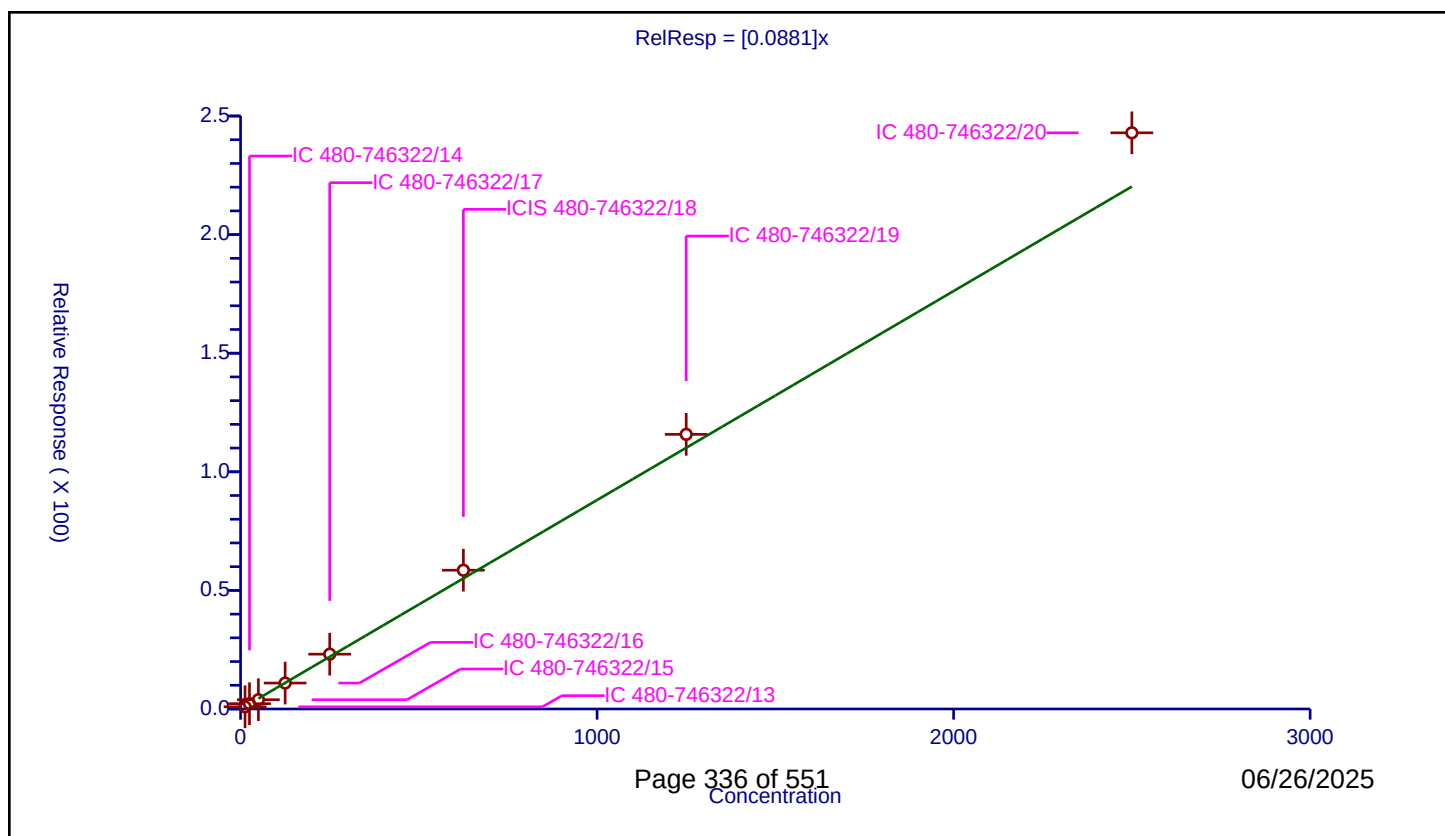
Curve Coefficients

Intercept: 0
 Slope: 0.0881

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	12.5	0.916901	25.0	190206.0	0.073352	Y
2	IC 480-746322/14	25.0	2.247364	25.0	188888.0	0.089895	Y
3	IC 480-746322/15	50.0	3.912979	25.0	178796.0	0.07826	Y
4	IC 480-746322/16	125.0	10.931089	25.0	190841.0	0.087449	Y
5	IC 480-746322/17	250.0	23.10694	25.0	179577.0	0.092428	Y
6	ICIS 480-746322/18	625.0	58.51382	25.0	185563.0	0.093622	Y
7	IC 480-746322/19	1250.0	115.78372	25.0	193698.0	0.092627	Y
8	IC 480-746322/20	2500.0	242.918213	25.0	191583.0	0.097167	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

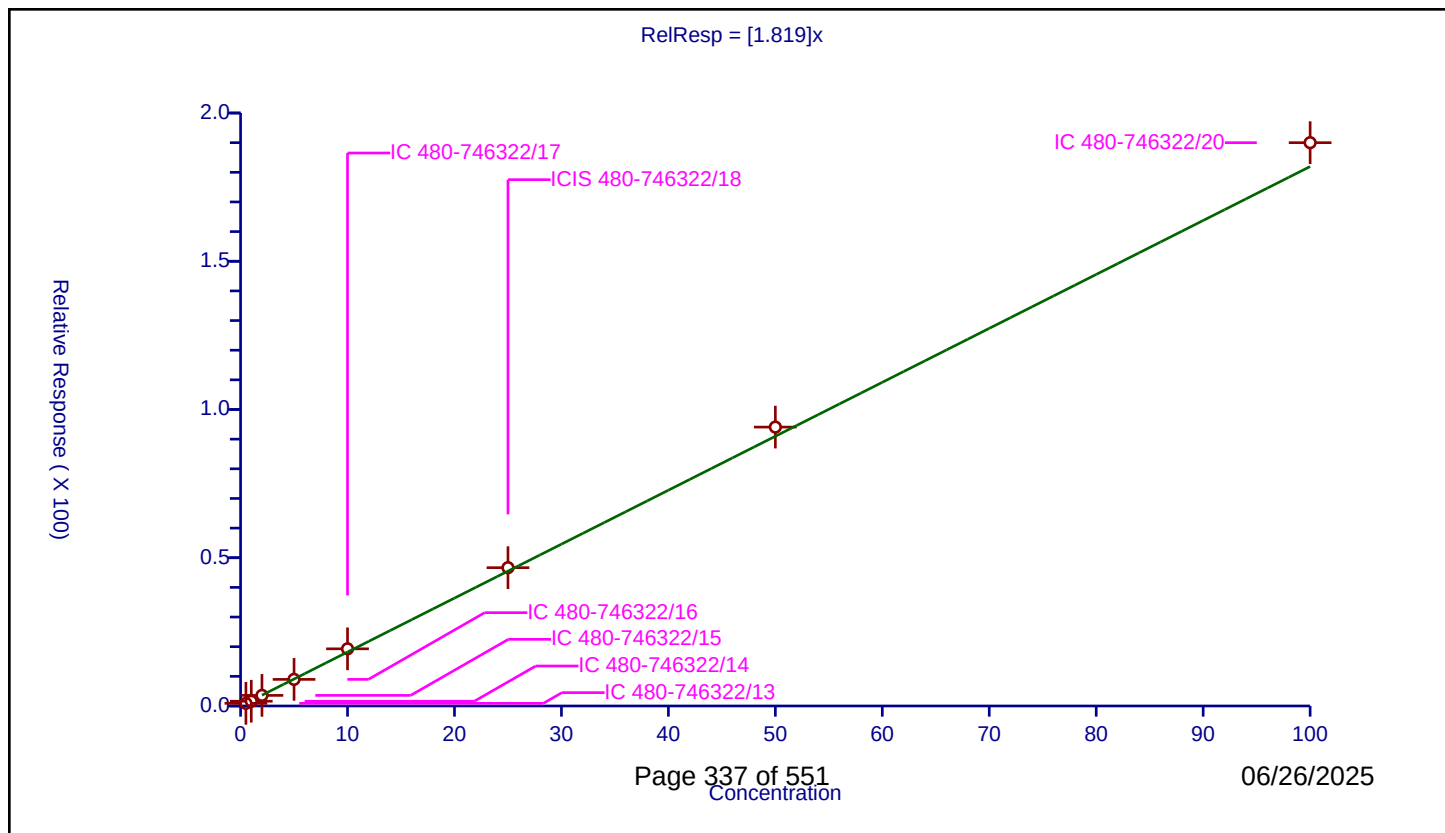
Curve Coefficients

Intercept: 0
Slope: 1.819

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.895345	25.0	190206.0	1.79069	Y
2	IC 480-746322/14	1.0	1.607566	25.0	188888.0	1.607566	Y
3	IC 480-746322/15	2.0	3.576282	25.0	178796.0	1.788141	Y
4	IC 480-746322/16	5.0	8.972391	25.0	190841.0	1.794478	Y
5	IC 480-746322/17	10.0	19.275019	25.0	179577.0	1.927502	Y
6	ICIS 480-746322/18	25.0	46.646422	25.0	185563.0	1.865857	Y
7	IC 480-746322/19	50.0	94.066278	25.0	193698.0	1.881326	Y
8	IC 480-746322/20	100.0	190.000548	25.0	191583.0	1.900005	Y



Calibration

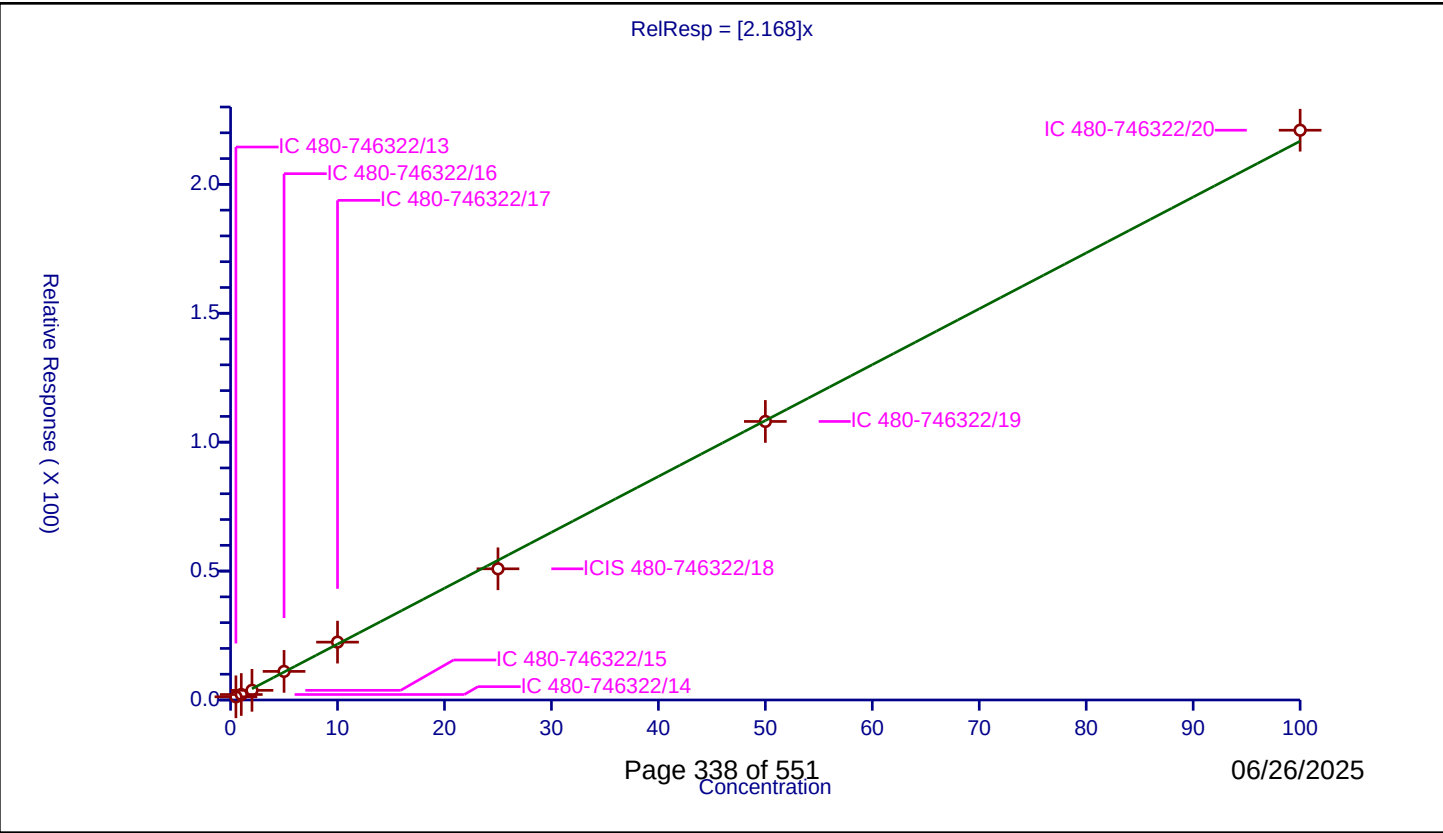
/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.168
Error Coefficients	

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.234714	25.0	190206.0	2.469428	Y
2	IC 480-746322/14	1.0	2.130495	25.0	188888.0	2.130495	Y
3	IC 480-746322/15	2.0	3.744351	25.0	178796.0	1.872176	Y
4	IC 480-746322/16	5.0	11.091563	25.0	190841.0	2.218313	Y
5	IC 480-746322/17	10.0	22.440235	25.0	179577.0	2.244023	Y
6	ICIS 480-746322/18	25.0	50.879486	25.0	185563.0	2.035179	Y
7	IC 480-746322/19	50.0	108.045385	25.0	193698.0	2.160908	Y
8	IC 480-746322/20	100.0	221.002646	25.0	191583.0	2.210026	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

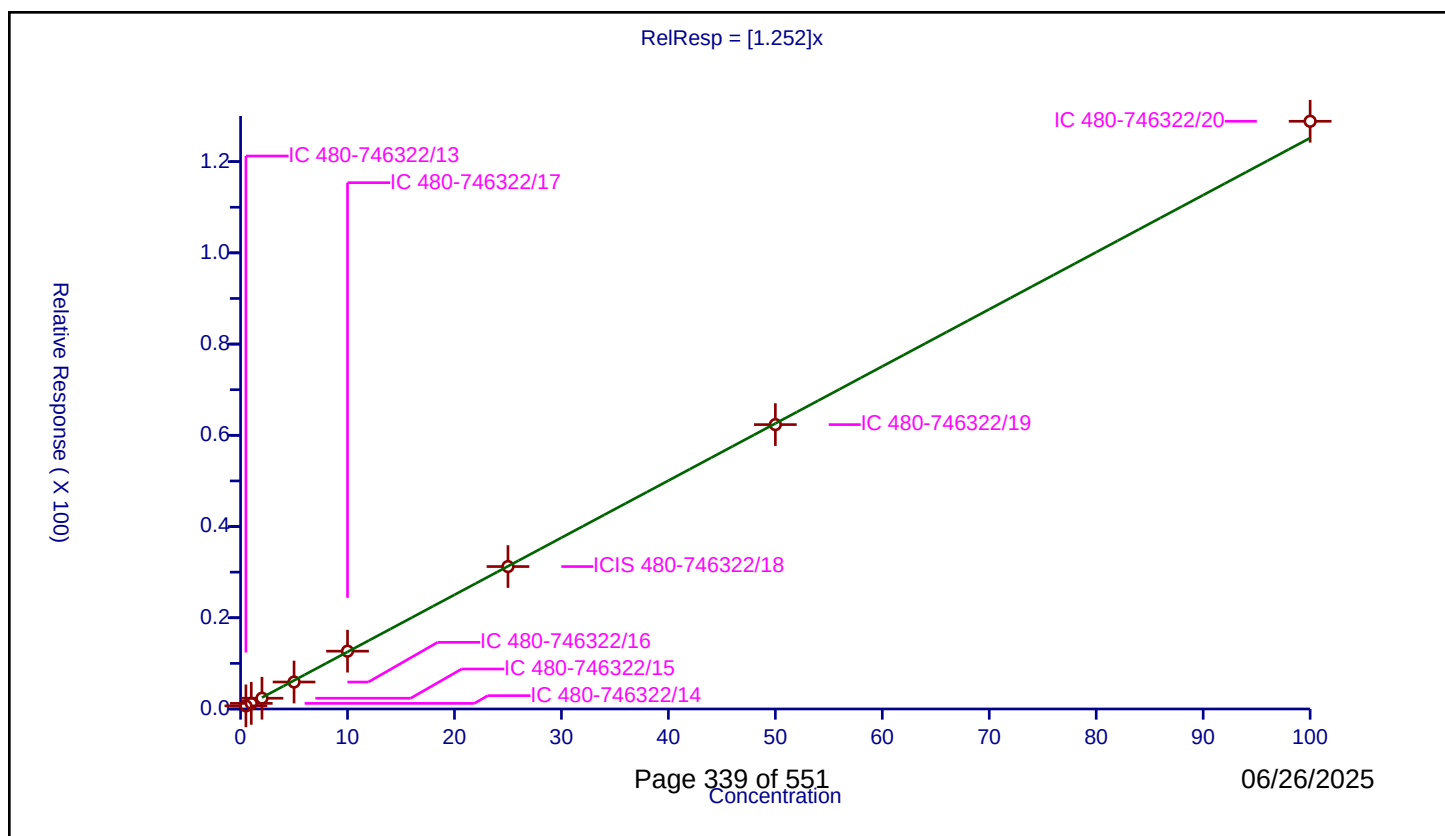
Curve Coefficients

Intercept: 0
Slope: 1.252

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.684127	25.0	190206.0	1.368253	Y
2	IC 480-746322/14	1.0	1.230623	25.0	188888.0	1.230623	Y
3	IC 480-746322/15	2.0	2.360372	25.0	178796.0	1.180186	Y
4	IC 480-746322/16	5.0	5.914872	25.0	190841.0	1.182974	Y
5	IC 480-746322/17	10.0	12.679658	25.0	179577.0	1.267966	Y
6	ICIS 480-746322/18	25.0	31.22713	25.0	185563.0	1.249085	Y
7	IC 480-746322/19	50.0	62.349895	25.0	193698.0	1.246998	Y
8	IC 480-746322/20	100.0	128.848985	25.0	191583.0	1.28849	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

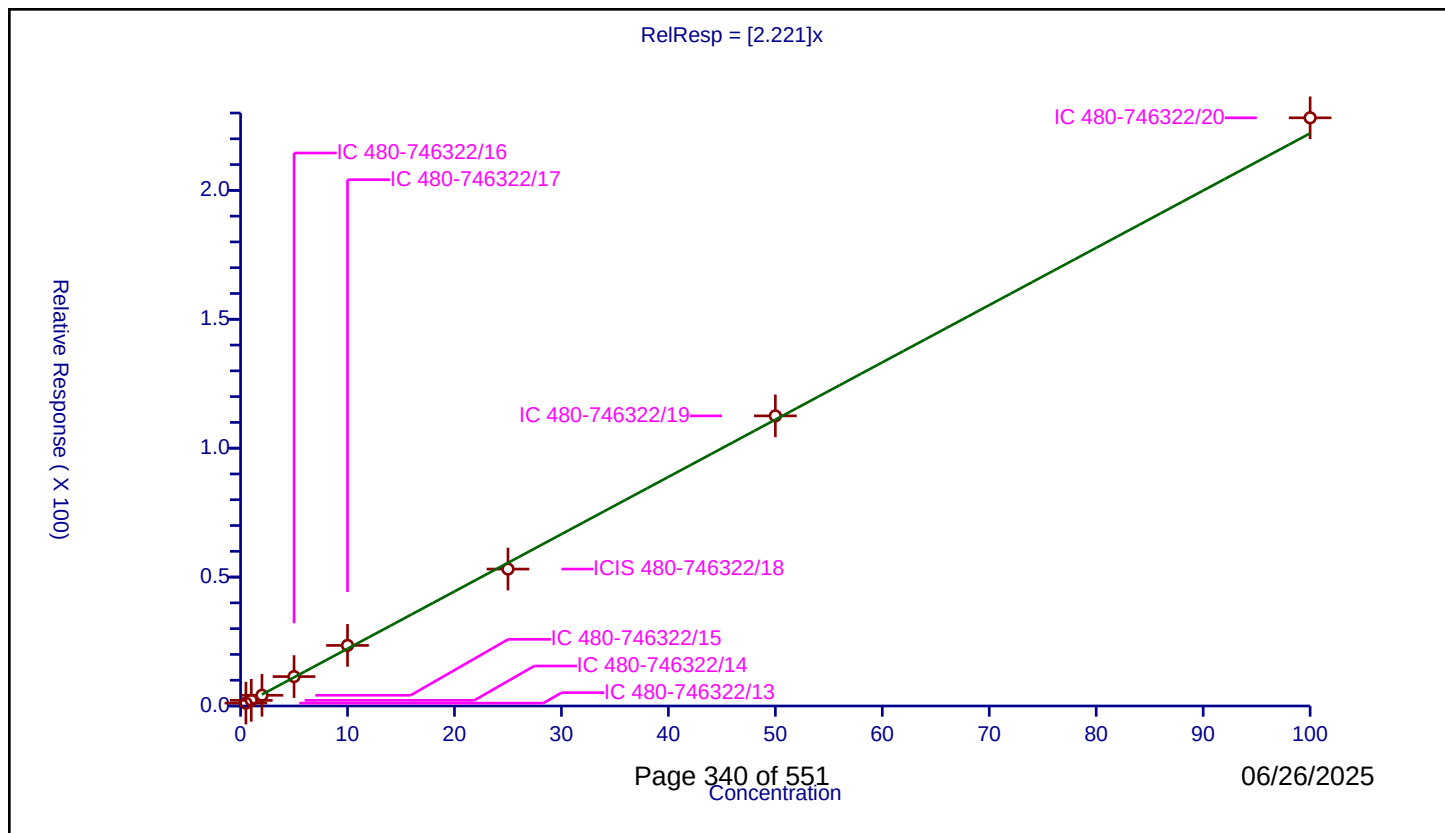
Curve Coefficients

Intercept: 0
Slope: 2.221

Error Coefficients

Relative Standard Deviation: 4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.107221	25.0	190206.0	2.214441	Y
2	IC 480-746322/14	1.0	2.191378	25.0	188888.0	2.191378	Y
3	IC 480-746322/15	2.0	4.157252	25.0	178796.0	2.078626	Y
4	IC 480-746322/16	5.0	11.402817	25.0	190841.0	2.280563	Y
5	IC 480-746322/17	10.0	23.491733	25.0	179577.0	2.349173	Y
6	ICIS 480-746322/18	25.0	53.112689	25.0	185563.0	2.124508	Y
7	IC 480-746322/19	50.0	112.530202	25.0	193698.0	2.250604	Y
8	IC 480-746322/20	100.0	228.140806	25.0	191583.0	2.281408	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

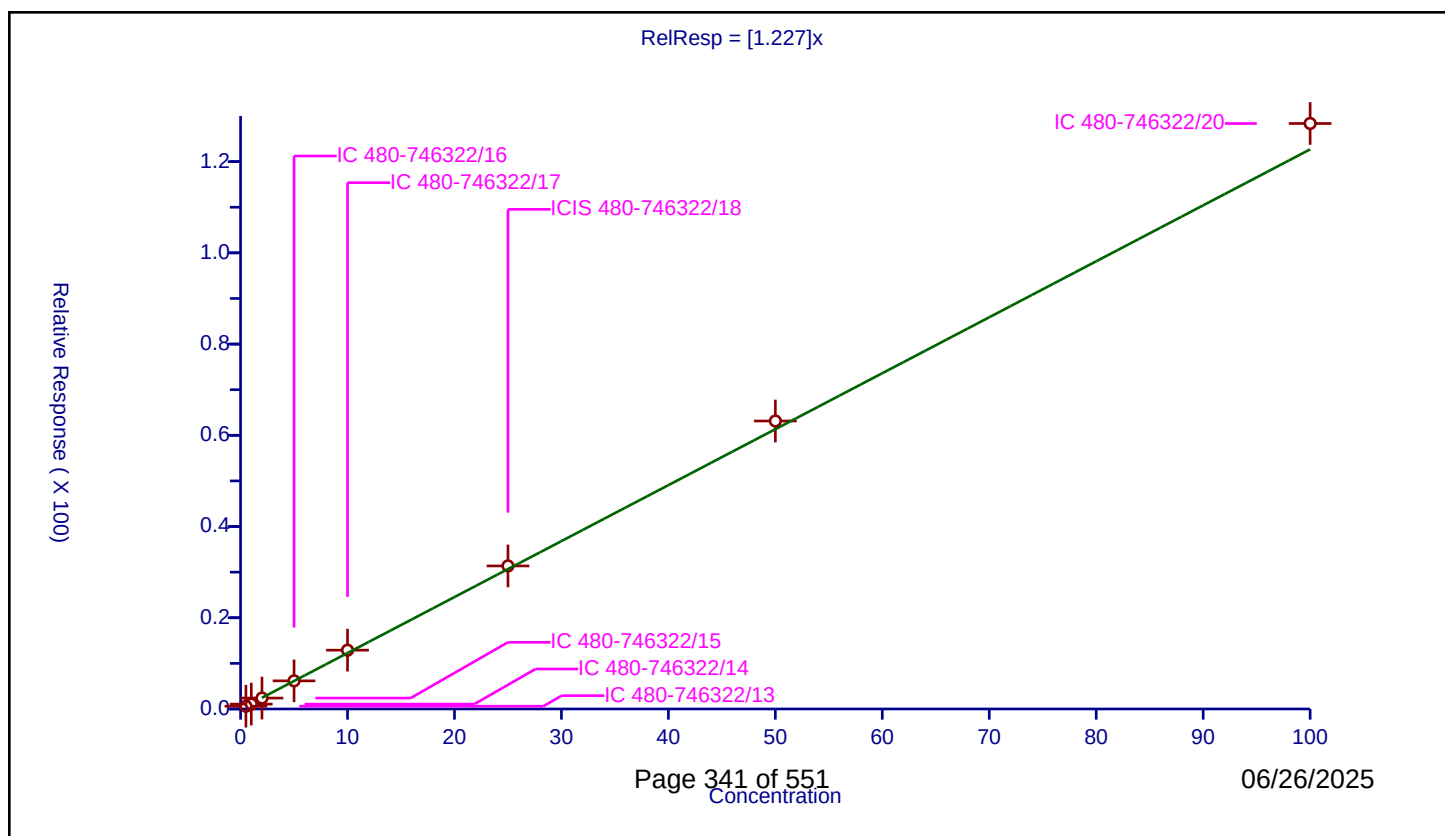
Curve Coefficients

Intercept: 0
Slope: 1.227

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.612625	25.0	190206.0	1.225251	Y
2	IC 480-746322/14	1.0	1.069152	25.0	188888.0	1.069152	Y
3	IC 480-746322/15	2.0	2.39351	25.0	178796.0	1.196755	Y
4	IC 480-746322/16	5.0	6.166914	25.0	190841.0	1.233383	Y
5	IC 480-746322/17	10.0	12.893077	25.0	179577.0	1.289308	Y
6	ICIS 480-746322/18	25.0	31.360643	25.0	185563.0	1.254426	Y
7	IC 480-746322/19	50.0	63.139139	25.0	193698.0	1.262783	Y
8	IC 480-746322/20	100.0	128.363947	25.0	191583.0	1.283639	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

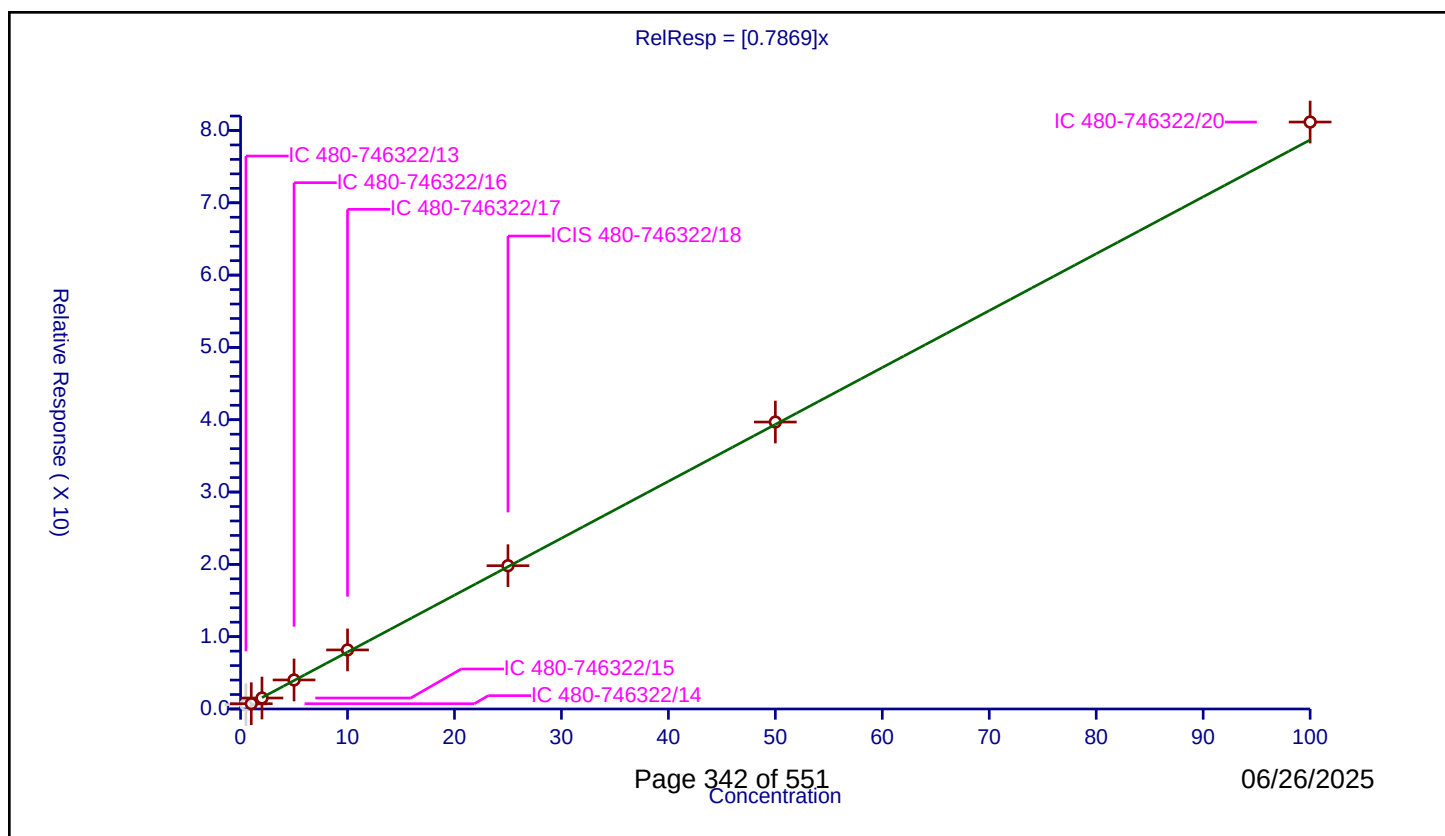
Curve Coefficients

Intercept: 0
Slope: 0.7869

Error Coefficients

Relative Standard Deviation: 3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.599087	25.0	190206.0	1.198175	N
2	IC 480-746322/14	1.0	0.732445	25.0	188888.0	0.732445	Y
3	IC 480-746322/15	2.0	1.518071	25.0	178796.0	0.759035	Y
4	IC 480-746322/16	5.0	4.012896	25.0	190841.0	0.802579	Y
5	IC 480-746322/17	10.0	8.166692	25.0	179577.0	0.816669	Y
6	ICIS 480-746322/18	25.0	19.816181	25.0	185563.0	0.792647	Y
7	IC 480-746322/19	50.0	39.679166	25.0	193698.0	0.793583	Y
8	IC 480-746322/20	100.0	81.165865	25.0	191583.0	0.811659	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

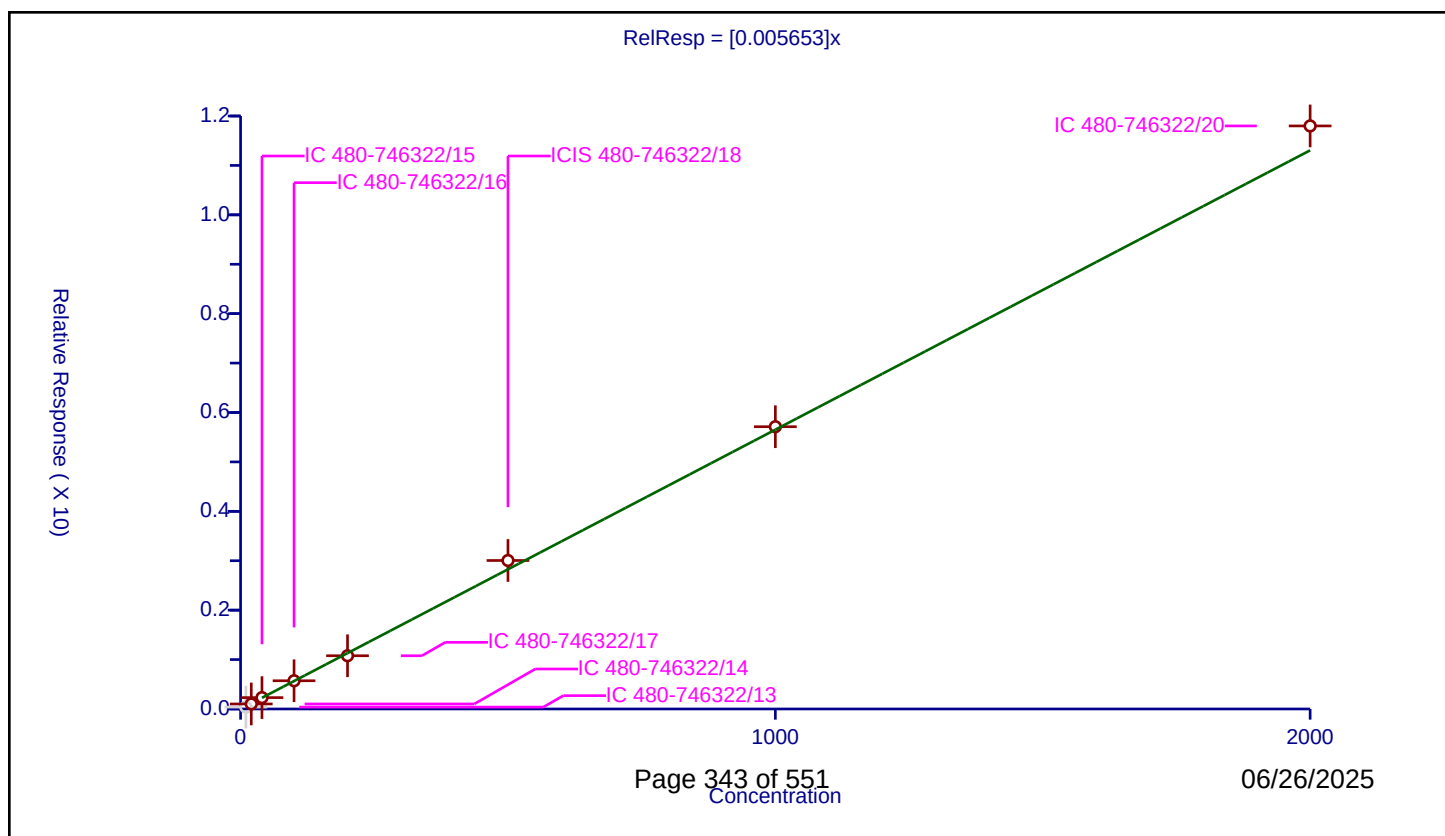
Curve Coefficients

Intercept: 0
 Slope: 0.005653

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	10.0	0.038077	25.0	388029.0	0.003808	N
2	IC 480-746322/14	20.0	0.101746	25.0	385273.0	0.005087	Y
3	IC 480-746322/15	40.0	0.230281	25.0	386810.0	0.005757	Y
4	IC 480-746322/16	100.0	0.571475	25.0	386806.0	0.005715	Y
5	IC 480-746322/17	200.0	1.077325	25.0	393637.0	0.005387	Y
6	ICIS 480-746322/18	500.0	3.005073	25.0	390914.0	0.00601	Y
7	IC 480-746322/19	1000.0	5.712606	25.0	394938.0	0.005713	Y
8	IC 480-746322/20	2000.0	11.798979	25.0	403715.0	0.005899	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

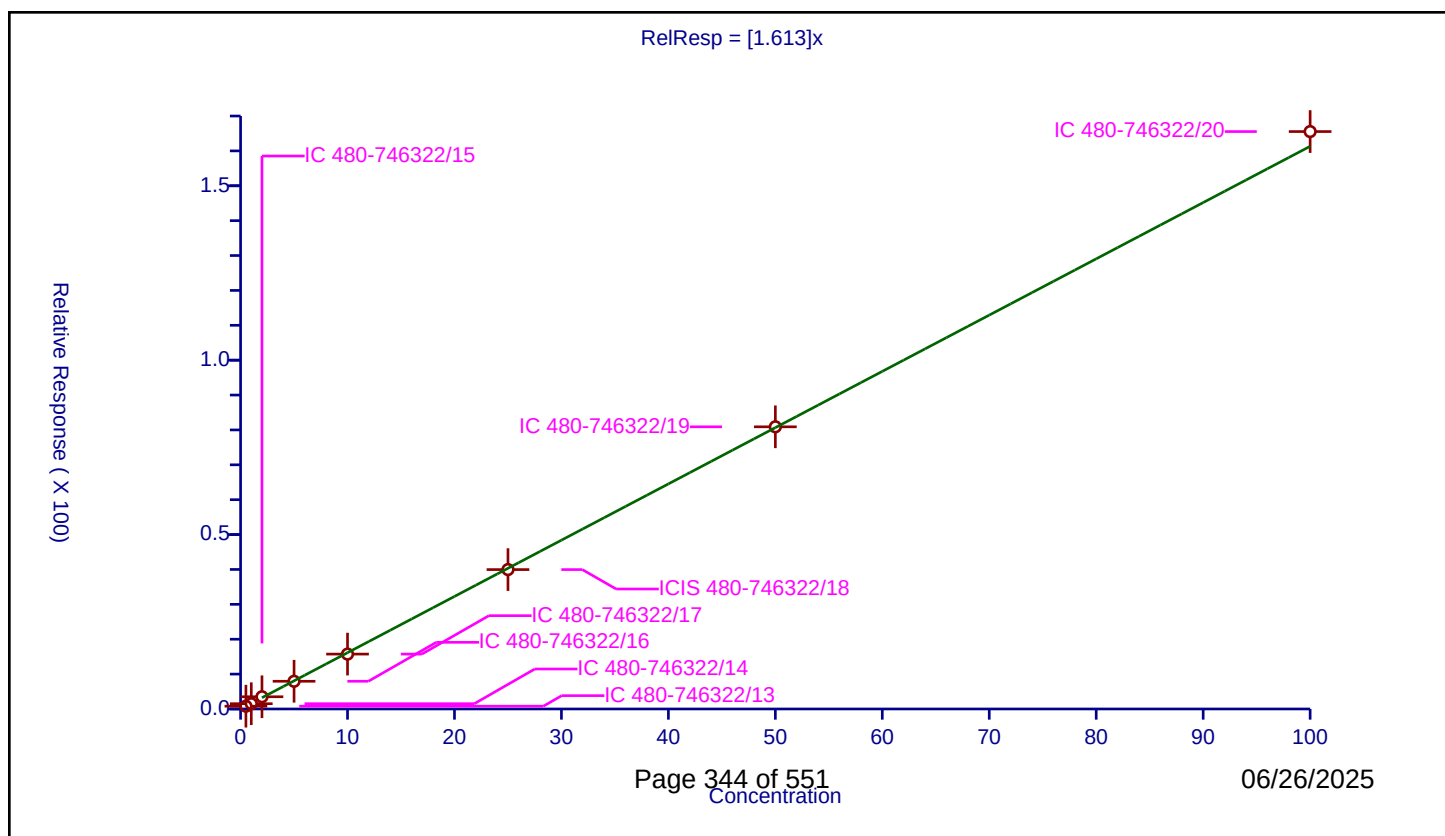
Curve Coefficients

Intercept: 0
Slope: 1.613

Error Coefficients

Relative Standard Deviation: 4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.798608	25.0	190206.0	1.597216	Y
2	IC 480-746322/14	1.0	1.520081	25.0	188888.0	1.520081	Y
3	IC 480-746322/15	2.0	3.50707	25.0	178796.0	1.753535	Y
4	IC 480-746322/16	5.0	7.945489	25.0	190841.0	1.589098	Y
5	IC 480-746322/17	10.0	15.73378	25.0	179577.0	1.573378	Y
6	ICIS 480-746322/18	25.0	39.967558	25.0	185563.0	1.598702	Y
7	IC 480-746322/19	50.0	80.899003	25.0	193698.0	1.61798	Y
8	IC 480-746322/20	100.0	165.546395	25.0	191583.0	1.655464	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

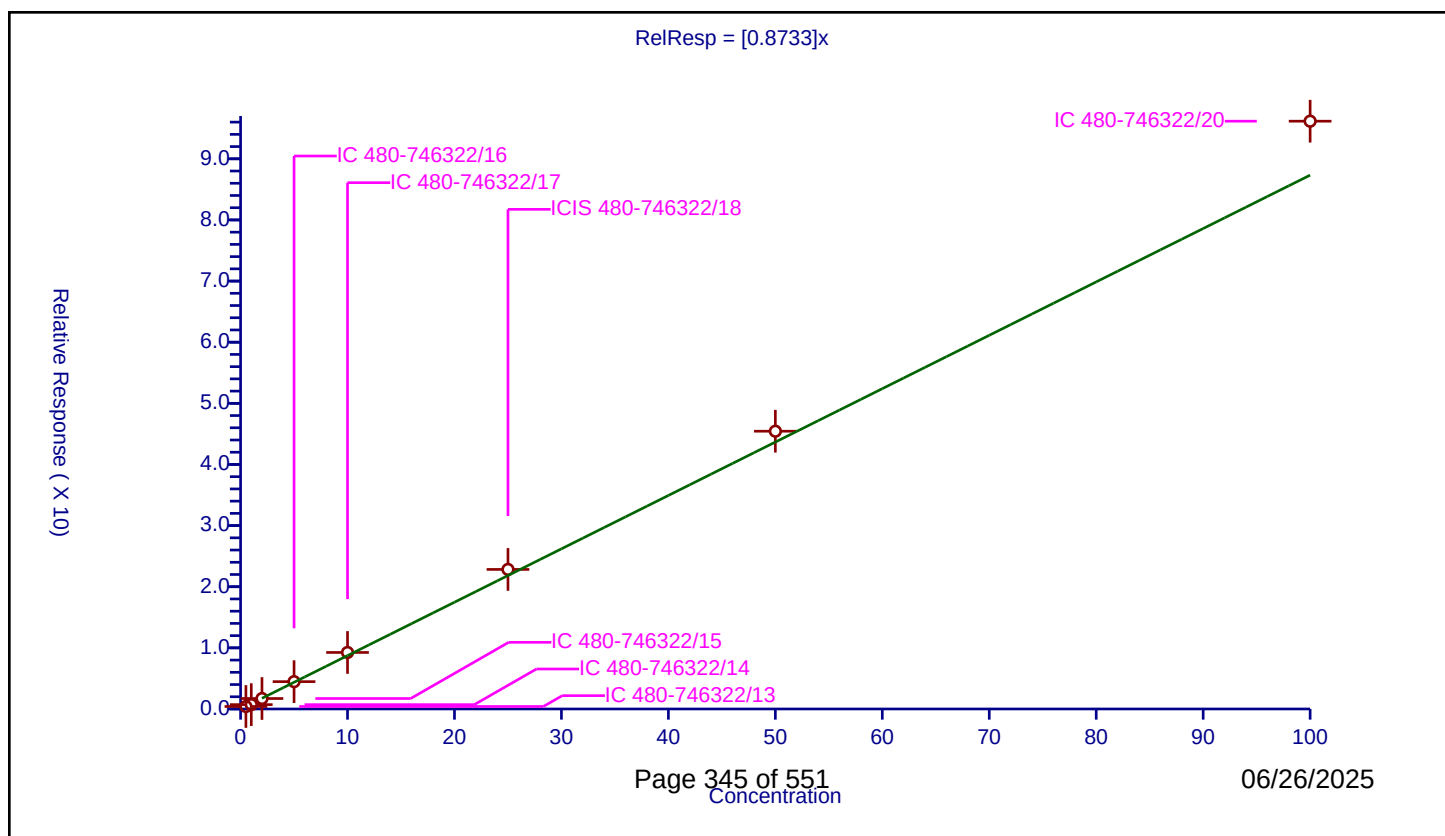
Curve Coefficients

Intercept: 0
Slope: 0.8733

Error Coefficients

Relative Standard Deviation: 9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.406533	25.0	190206.0	0.813066	Y
2	IC 480-746322/14	1.0	0.714312	25.0	188888.0	0.714312	Y
3	IC 480-746322/15	2.0	1.711448	25.0	178796.0	0.855724	Y
4	IC 480-746322/16	5.0	4.474143	25.0	190841.0	0.894829	Y
5	IC 480-746322/17	10.0	9.247147	25.0	179577.0	0.924715	Y
6	ICIS 480-746322/18	25.0	22.8285	25.0	185563.0	0.91314	Y
7	IC 480-746322/19	50.0	45.438905	25.0	193698.0	0.908778	Y
8	IC 480-746322/20	100.0	96.152451	25.0	191583.0	0.961525	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

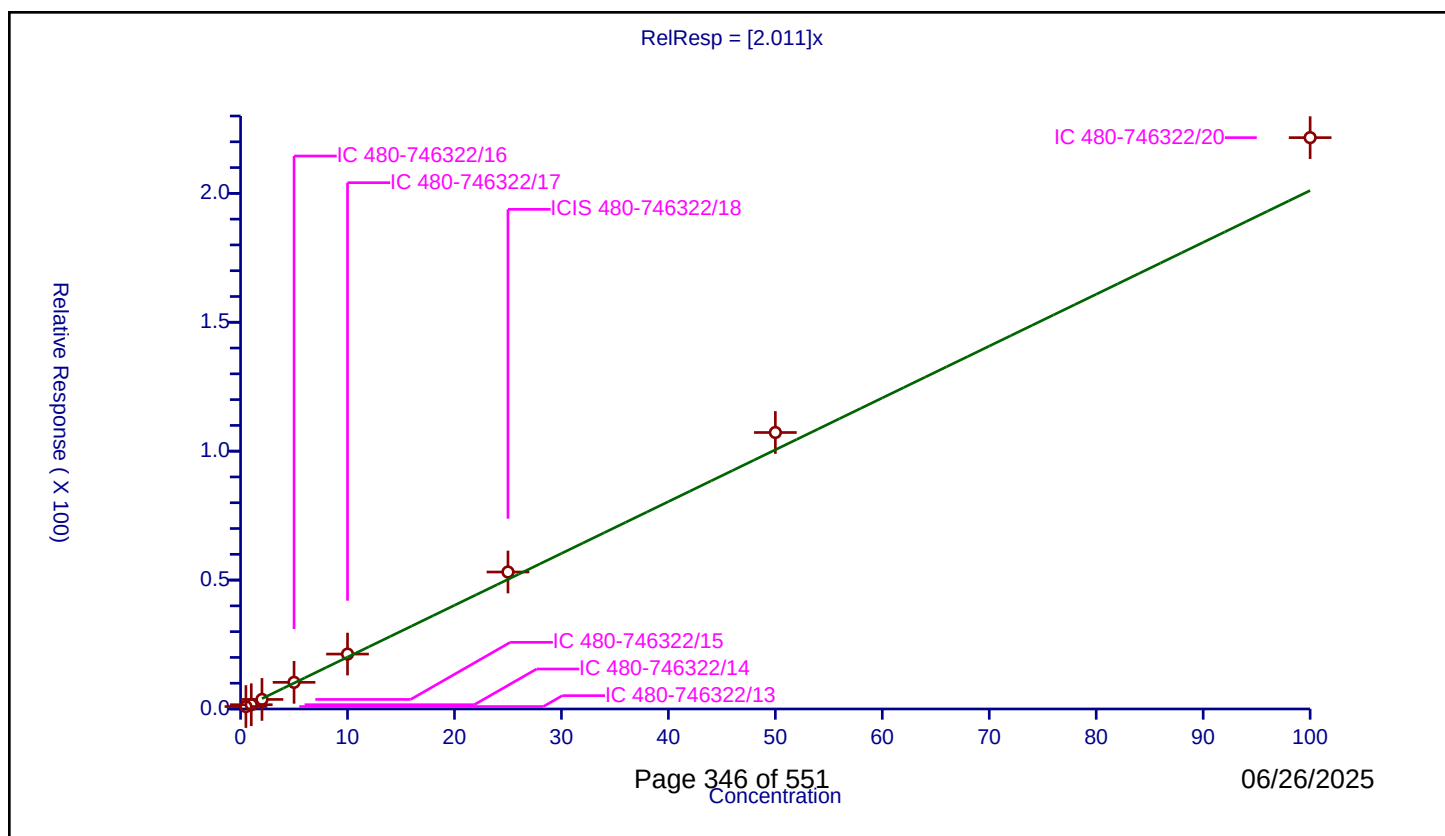
Curve Coefficients

Intercept: 0
Slope: 2.011

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.945291	25.0	190206.0	1.890582	Y
2	IC 480-746322/14	1.0	1.657199	25.0	188888.0	1.657199	Y
3	IC 480-746322/15	2.0	3.708276	25.0	178796.0	1.854138	Y
4	IC 480-746322/16	5.0	10.342117	25.0	190841.0	2.068423	Y
5	IC 480-746322/17	10.0	21.301865	25.0	179577.0	2.130186	Y
6	ICIS 480-746322/18	25.0	53.133572	25.0	185563.0	2.125343	Y
7	IC 480-746322/19	50.0	107.246332	25.0	193698.0	2.144927	Y
8	IC 480-746322/20	100.0	221.612956	25.0	191583.0	2.21613	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

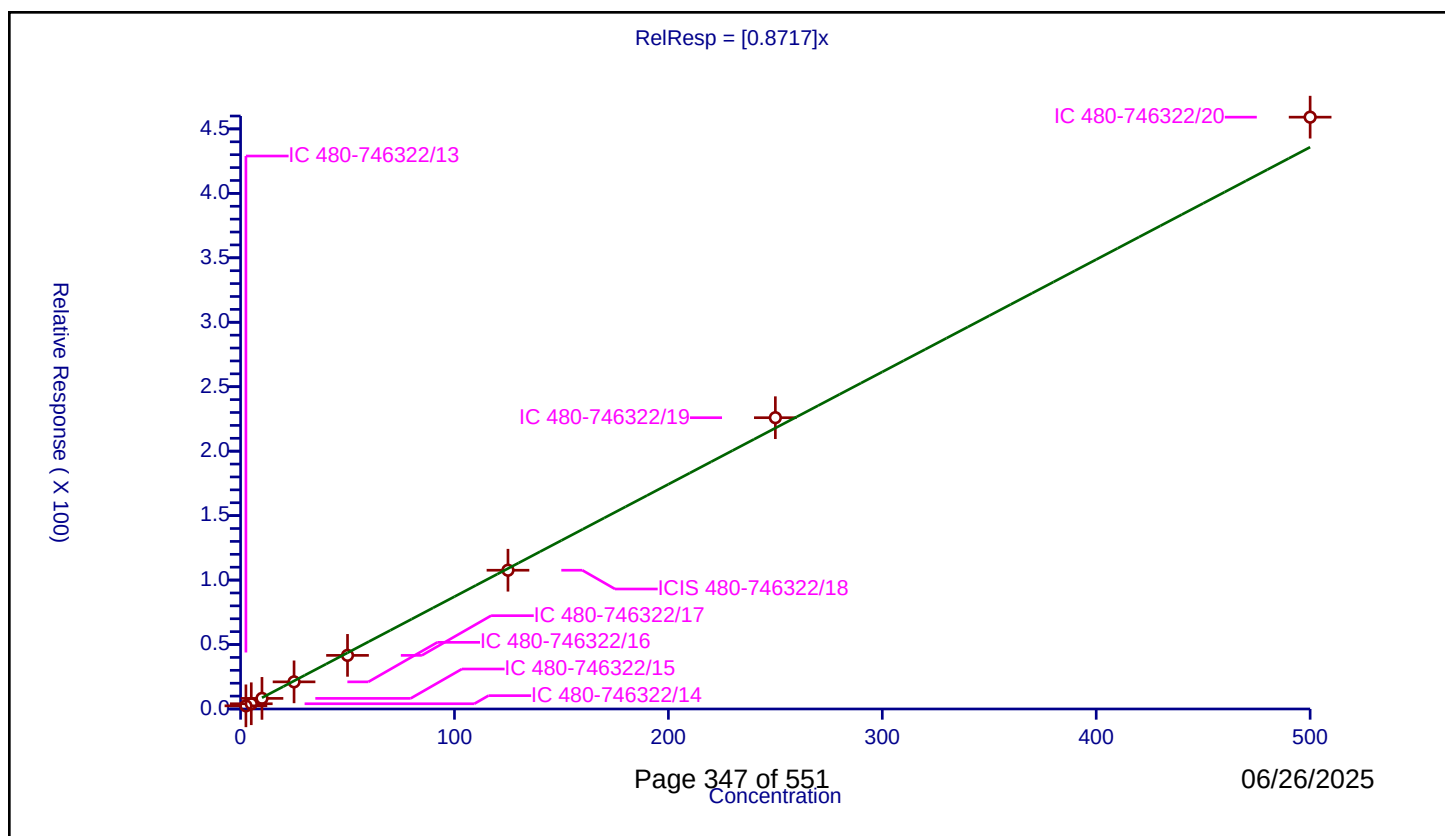
Curve Coefficients

Intercept: 0
 Slope: 0.8717

Error Coefficients

Relative Standard Deviation: 6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	2.5	2.456904	25.0	388029.0	0.982762	Y
2	IC 480-746322/14	5.0	4.056085	25.0	385273.0	0.811217	Y
3	IC 480-746322/15	10.0	8.223094	25.0	386810.0	0.822309	Y
4	IC 480-746322/16	25.0	21.042461	25.0	386806.0	0.841698	Y
5	IC 480-746322/17	50.0	41.600574	25.0	393637.0	0.832011	Y
6	ICIS 480-746322/18	125.0	107.64727	25.0	390914.0	0.861178	Y
7	IC 480-746322/19	250.0	225.97414	25.0	394938.0	0.903897	Y
8	IC 480-746322/20	500.0	459.113793	25.0	403715.0	0.918228	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

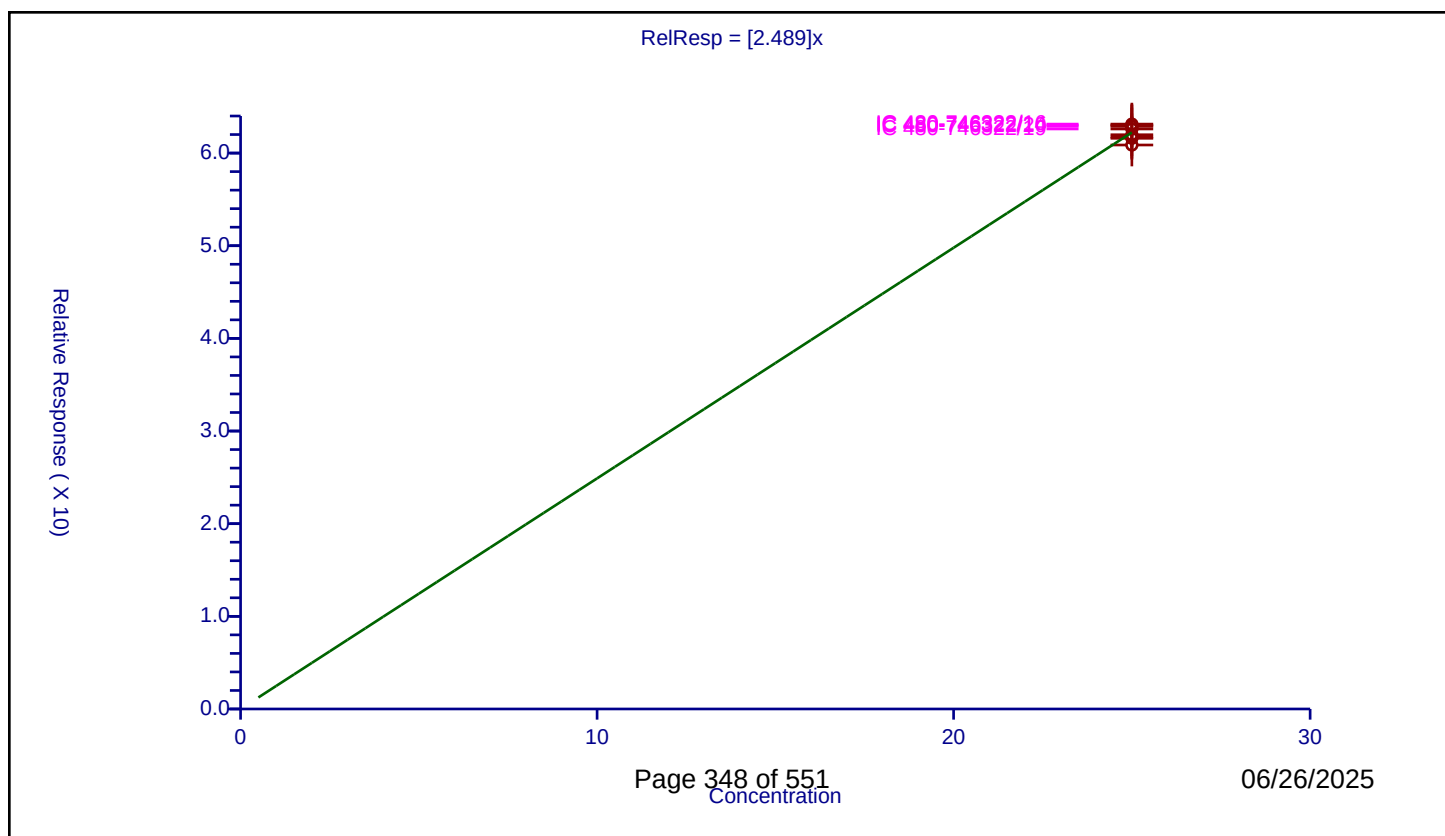
Curve Coefficients

Intercept: 0
Slope: 2.489

Error Coefficients

Relative Standard Deviation: 1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	25.0	61.593979	25.0	388029.0	2.463759	Y
2	IC 480-746322/14	25.0	63.008244	25.0	385273.0	2.52033	Y
3	IC 480-746322/15	25.0	61.980624	25.0	386810.0	2.479225	Y
4	IC 480-746322/16	25.0	63.127252	25.0	386806.0	2.52509	Y
5	IC 480-746322/17	25.0	60.872581	25.0	393637.0	2.434903	Y
6	ICIS 480-746322/18	25.0	61.72208	25.0	390914.0	2.468883	Y
7	IC 480-746322/19	25.0	62.600396	25.0	394938.0	2.504016	Y
8	IC 480-746322/20	25.0	62.883656	25.0	403715.0	2.515346	Y



Calibration

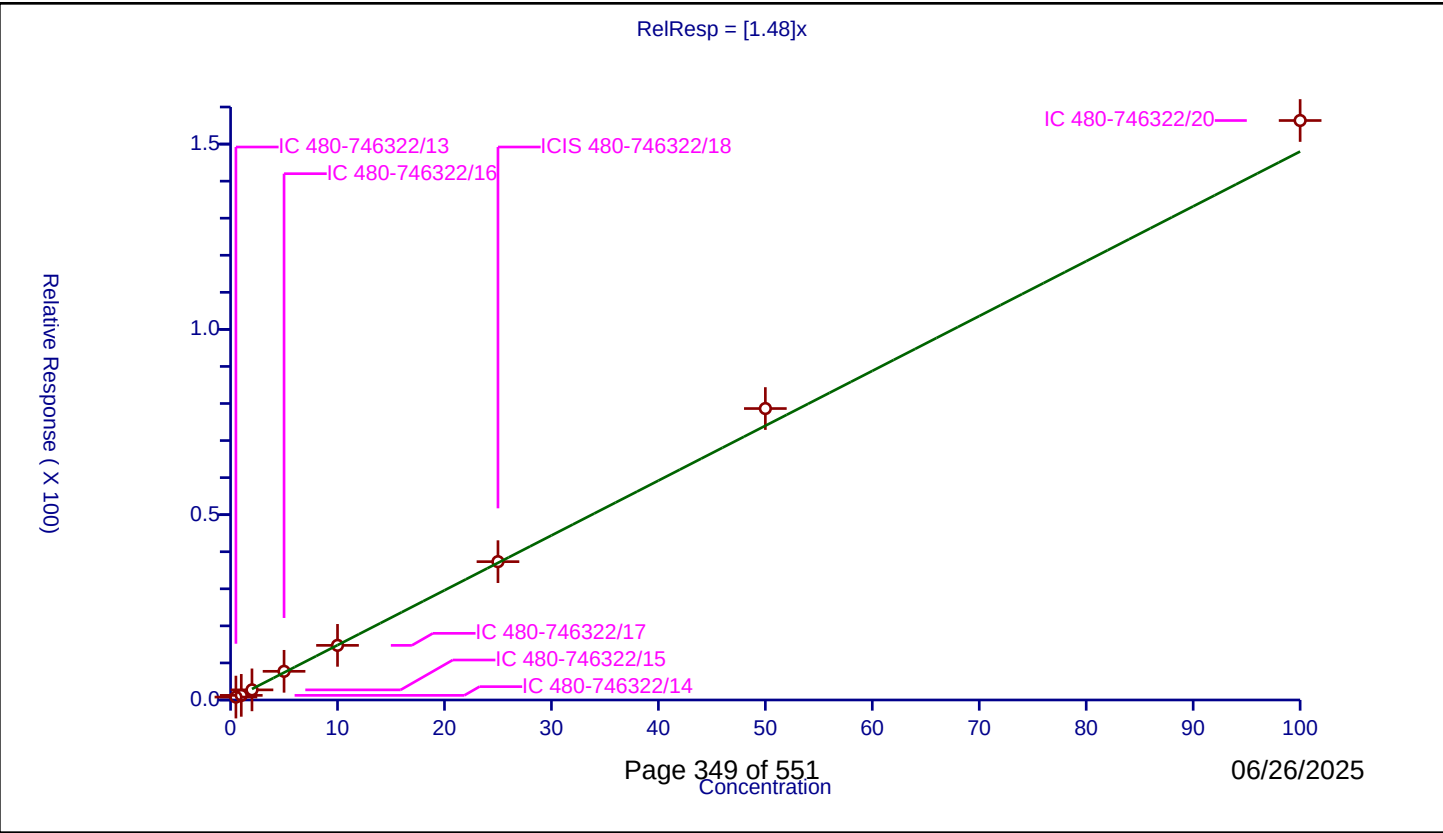
/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.48

Error Coefficients	
Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.788923	25.0	388029.0	1.577846	Y
2	IC 480-746322/14	1.0	1.246324	25.0	385273.0	1.246324	Y
3	IC 480-746322/15	2.0	2.729893	25.0	386810.0	1.364947	Y
4	IC 480-746322/16	5.0	7.737147	25.0	386806.0	1.547429	Y
5	IC 480-746322/17	10.0	14.738134	25.0	393637.0	1.473813	Y
6	ICIS 480-746322/18	25.0	37.324258	25.0	390914.0	1.49297	Y
7	IC 480-746322/19	50.0	78.638799	25.0	394938.0	1.572776	Y
8	IC 480-746322/20	100.0	156.355969	25.0	403715.0	1.56356	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

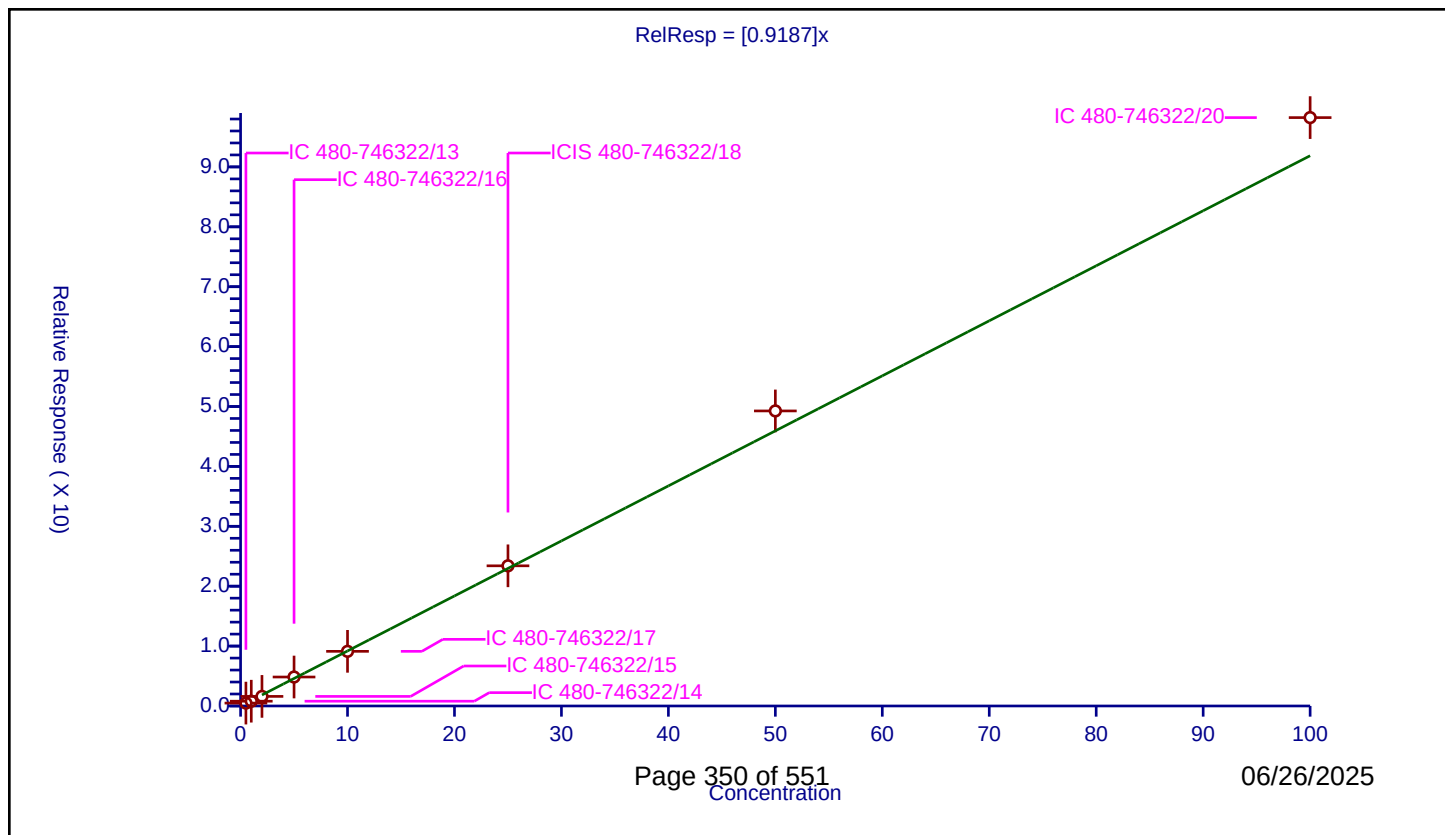
Curve Coefficients

Intercept: 0
 Slope: 0.9187

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.483727	25.0	388029.0	0.967453	Y
2	IC 480-746322/14	1.0	0.798265	25.0	385273.0	0.798265	Y
3	IC 480-746322/15	2.0	1.601691	25.0	386810.0	0.800845	Y
4	IC 480-746322/16	5.0	4.835111	25.0	386806.0	0.967022	Y
5	IC 480-746322/17	10.0	9.122491	25.0	393637.0	0.912249	Y
6	ICIS 480-746322/18	25.0	23.402462	25.0	390914.0	0.936098	Y
7	IC 480-746322/19	50.0	49.261783	25.0	394938.0	0.985236	Y
8	IC 480-746322/20	100.0	98.234893	25.0	403715.0	0.982349	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

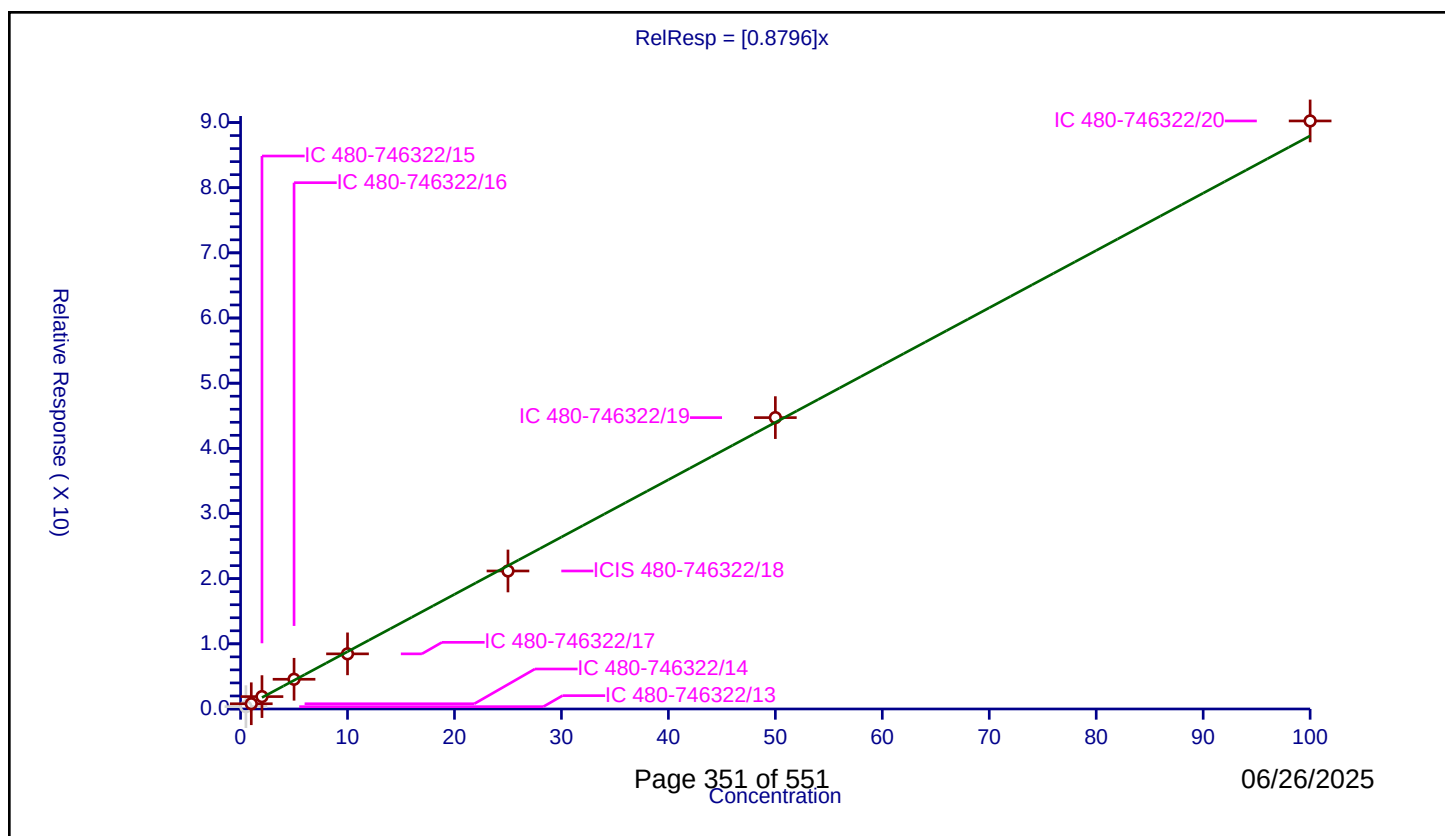
Curve Coefficients

Intercept: 0
Slope: 0.8796

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.358736	25.0	388029.0	0.717472	N
2	IC 480-746322/14	1.0	0.805078	25.0	385273.0	0.805078	Y
3	IC 480-746322/15	2.0	1.899382	25.0	386810.0	0.949691	Y
4	IC 480-746322/16	5.0	4.559521	25.0	386806.0	0.911904	Y
5	IC 480-746322/17	10.0	8.462365	25.0	393637.0	0.846237	Y
6	ICIS 480-746322/18	25.0	21.180618	25.0	390914.0	0.847225	Y
7	IC 480-746322/19	50.0	44.714993	25.0	394938.0	0.8943	Y
8	IC 480-746322/20	100.0	90.241817	25.0	403715.0	0.902418	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

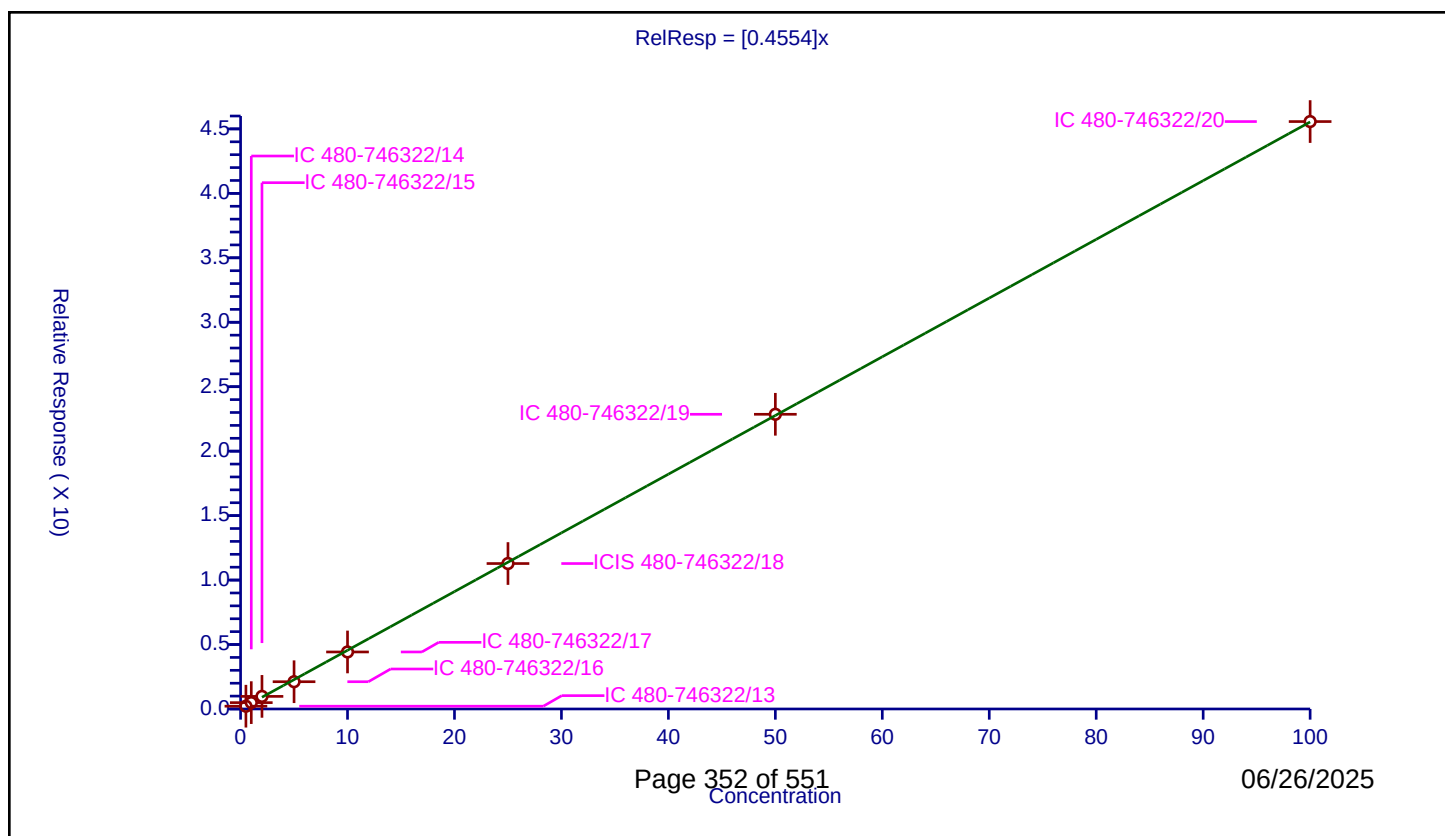
Curve Coefficients

Intercept: 0
Slope: 0.4554

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.21519	25.0	388029.0	0.43038	Y
2	IC 480-746322/14	1.0	0.493935	25.0	385273.0	0.493935	Y
3	IC 480-746322/15	2.0	0.977935	25.0	386810.0	0.488967	Y
4	IC 480-746322/16	5.0	2.115725	25.0	386806.0	0.423145	Y
5	IC 480-746322/17	10.0	4.423682	25.0	393637.0	0.442368	Y
6	ICIS 480-746322/18	25.0	11.28394	25.0	390914.0	0.451358	Y
7	IC 480-746322/19	50.0	22.86188	25.0	394938.0	0.457238	Y
8	IC 480-746322/20	100.0	45.569895	25.0	403715.0	0.455699	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

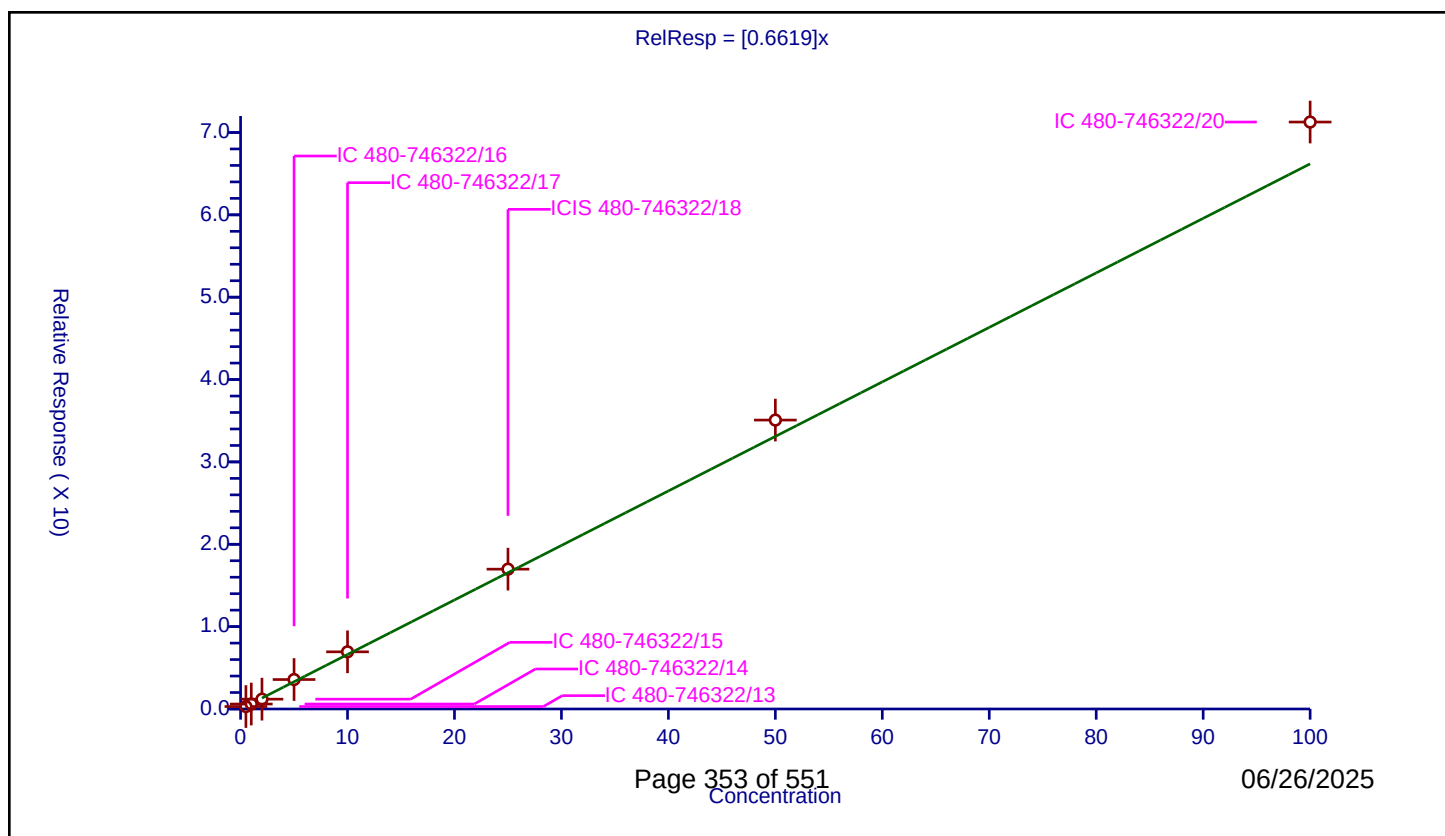
Curve Coefficients

Intercept: 0
Slope: 0.6619

Error Coefficients

Relative Standard Deviation: 8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.297014	25.0	388029.0	0.594028	Y
2	IC 480-746322/14	1.0	0.601781	25.0	385273.0	0.601781	Y
3	IC 480-746322/15	2.0	1.192575	25.0	386810.0	0.596288	Y
4	IC 480-746322/16	5.0	3.577762	25.0	386806.0	0.715552	Y
5	IC 480-746322/17	10.0	6.941611	25.0	393637.0	0.694161	Y
6	ICIS 480-746322/18	25.0	16.978543	25.0	390914.0	0.679142	Y
7	IC 480-746322/19	50.0	35.08019	25.0	394938.0	0.701604	Y
8	IC 480-746322/20	100.0	71.267974	25.0	403715.0	0.71268	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

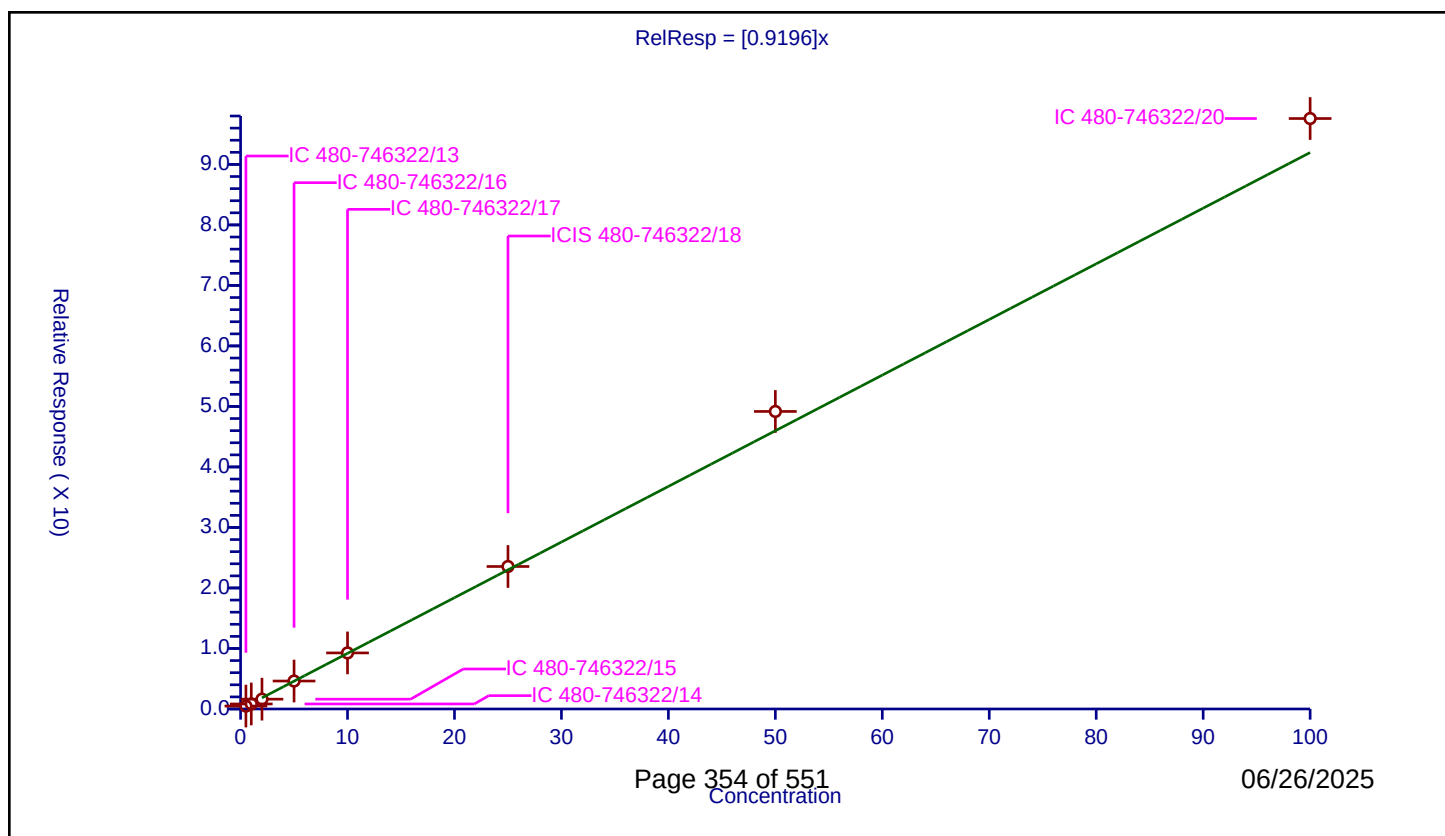
Curve Coefficients

Intercept: 0
 Slope: 0.9196

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.480634	25.0	388029.0	0.961268	Y
2	IC 480-746322/14	1.0	0.832137	25.0	385273.0	0.832137	Y
3	IC 480-746322/15	2.0	1.623019	25.0	386810.0	0.81151	Y
4	IC 480-746322/16	5.0	4.620792	25.0	386806.0	0.924158	Y
5	IC 480-746322/17	10.0	9.266723	25.0	393637.0	0.926672	Y
6	ICIS 480-746322/18	25.0	23.550001	25.0	390914.0	0.942	Y
7	IC 480-746322/19	50.0	49.170946	25.0	394938.0	0.983419	Y
8	IC 480-746322/20	100.0	97.587655	25.0	403715.0	0.975877	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

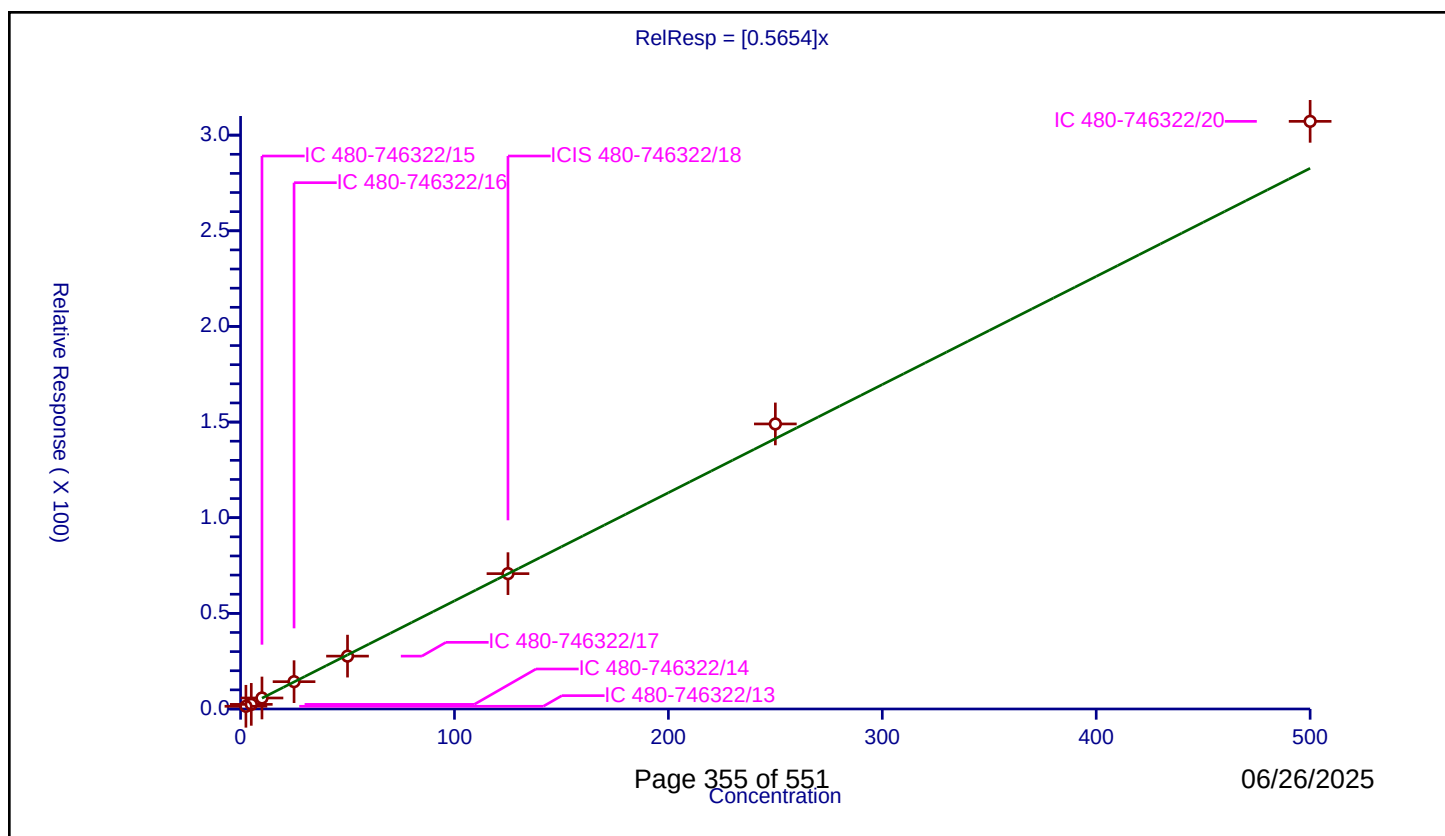
Curve Coefficients

Intercept: 0
 Slope: 0.5654

Error Coefficients

Relative Standard Deviation: 6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	2.5	1.410268	25.0	388029.0	0.564107	Y
2	IC 480-746322/14	5.0	2.415625	25.0	385273.0	0.483125	Y
3	IC 480-746322/15	10.0	5.748559	25.0	386810.0	0.574856	Y
4	IC 480-746322/16	25.0	14.287718	25.0	386806.0	0.571509	Y
5	IC 480-746322/17	50.0	27.633899	25.0	393637.0	0.552678	Y
6	ICIS 480-746322/18	125.0	70.75885	25.0	390914.0	0.566071	Y
7	IC 480-746322/19	250.0	149.02624	25.0	394938.0	0.596105	Y
8	IC 480-746322/20	500.0	307.209851	25.0	403715.0	0.61442	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

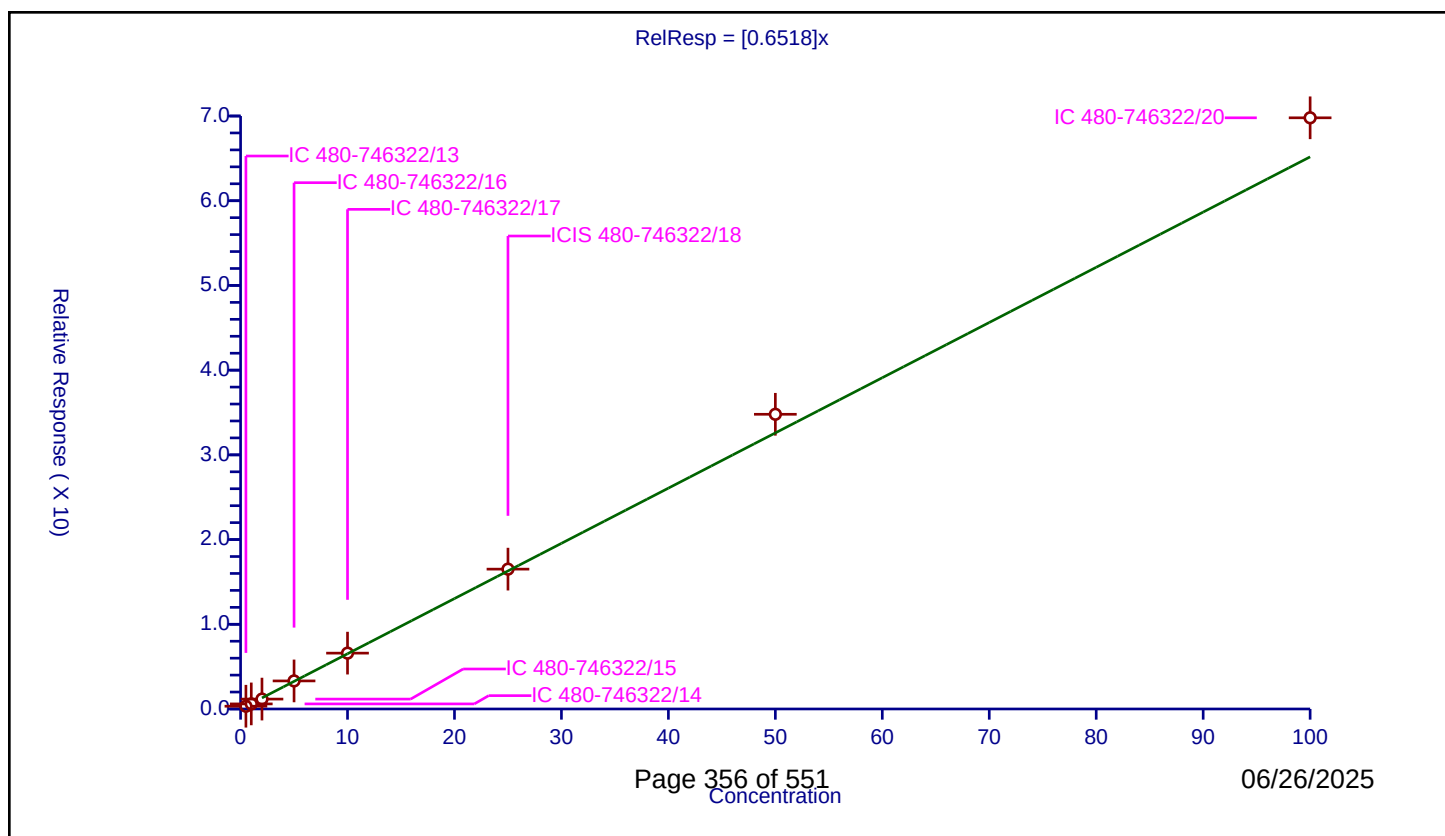
Curve Coefficients

Intercept: 0
Slope: 0.6518

Error Coefficients

Relative Standard Deviation: 6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.326264	25.0	388029.0	0.652529	Y
2	IC 480-746322/14	1.0	0.601132	25.0	385273.0	0.601132	Y
3	IC 480-746322/15	2.0	1.16892	25.0	386810.0	0.58446	Y
4	IC 480-746322/16	5.0	3.313418	25.0	386806.0	0.662684	Y
5	IC 480-746322/17	10.0	6.593321	25.0	393637.0	0.659332	Y
6	ICIS 480-746322/18	25.0	16.50849	25.0	390914.0	0.66034	Y
7	IC 480-746322/19	50.0	34.789195	25.0	394938.0	0.695784	Y
8	IC 480-746322/20	100.0	69.788155	25.0	403715.0	0.697882	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

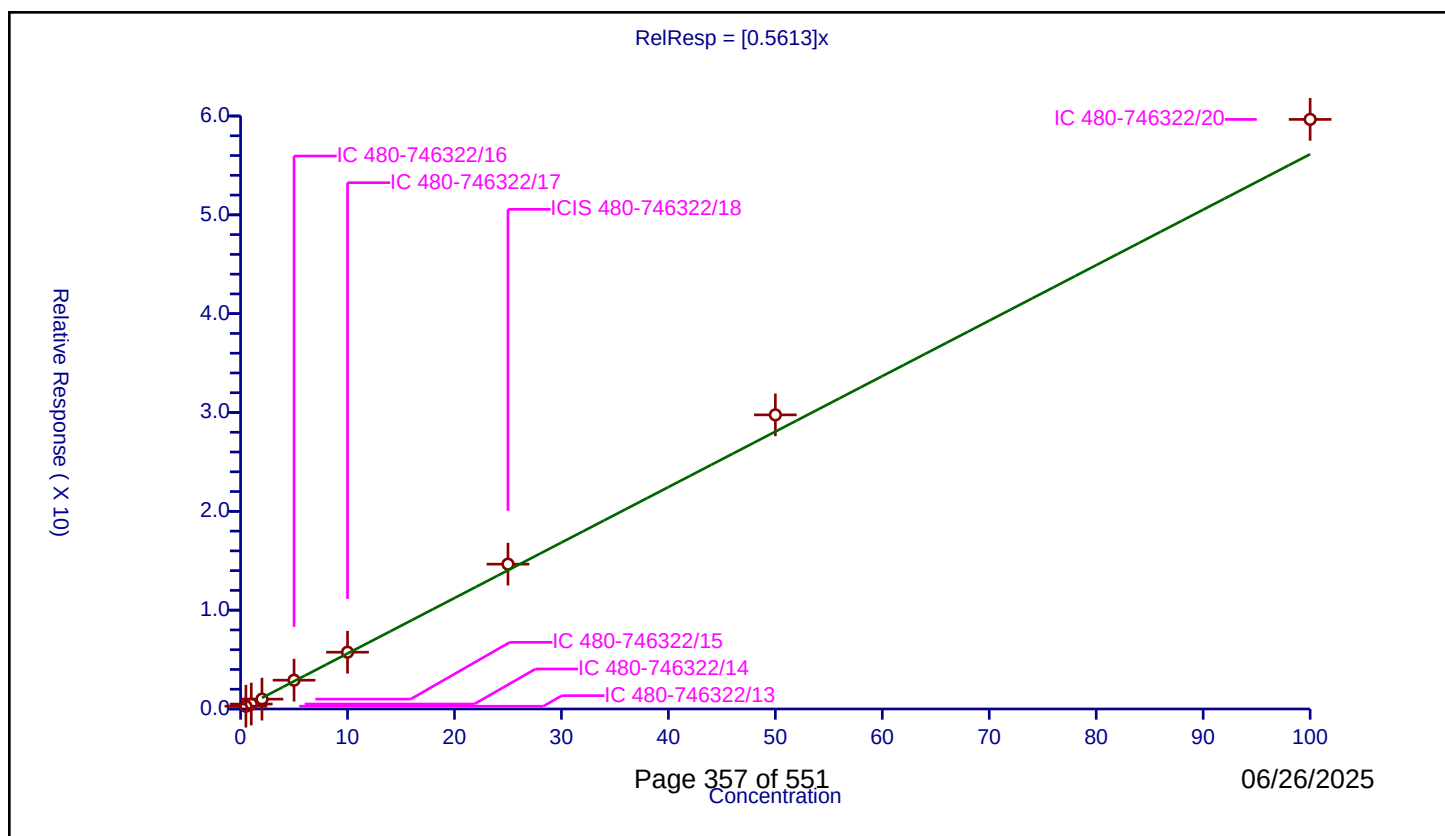
Curve Coefficients

Intercept: 0
Slope: 0.5613

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.278394	25.0	388029.0	0.556788	Y
2	IC 480-746322/14	1.0	0.500814	25.0	385273.0	0.500814	Y
3	IC 480-746322/15	2.0	0.996226	25.0	386810.0	0.498113	Y
4	IC 480-746322/16	5.0	2.912183	25.0	386806.0	0.582437	Y
5	IC 480-746322/17	10.0	5.745839	25.0	393637.0	0.574584	Y
6	ICIS 480-746322/18	25.0	14.656485	25.0	390914.0	0.586259	Y
7	IC 480-746322/19	50.0	29.759671	25.0	394938.0	0.595193	Y
8	IC 480-746322/20	100.0	59.657432	25.0	403715.0	0.596574	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

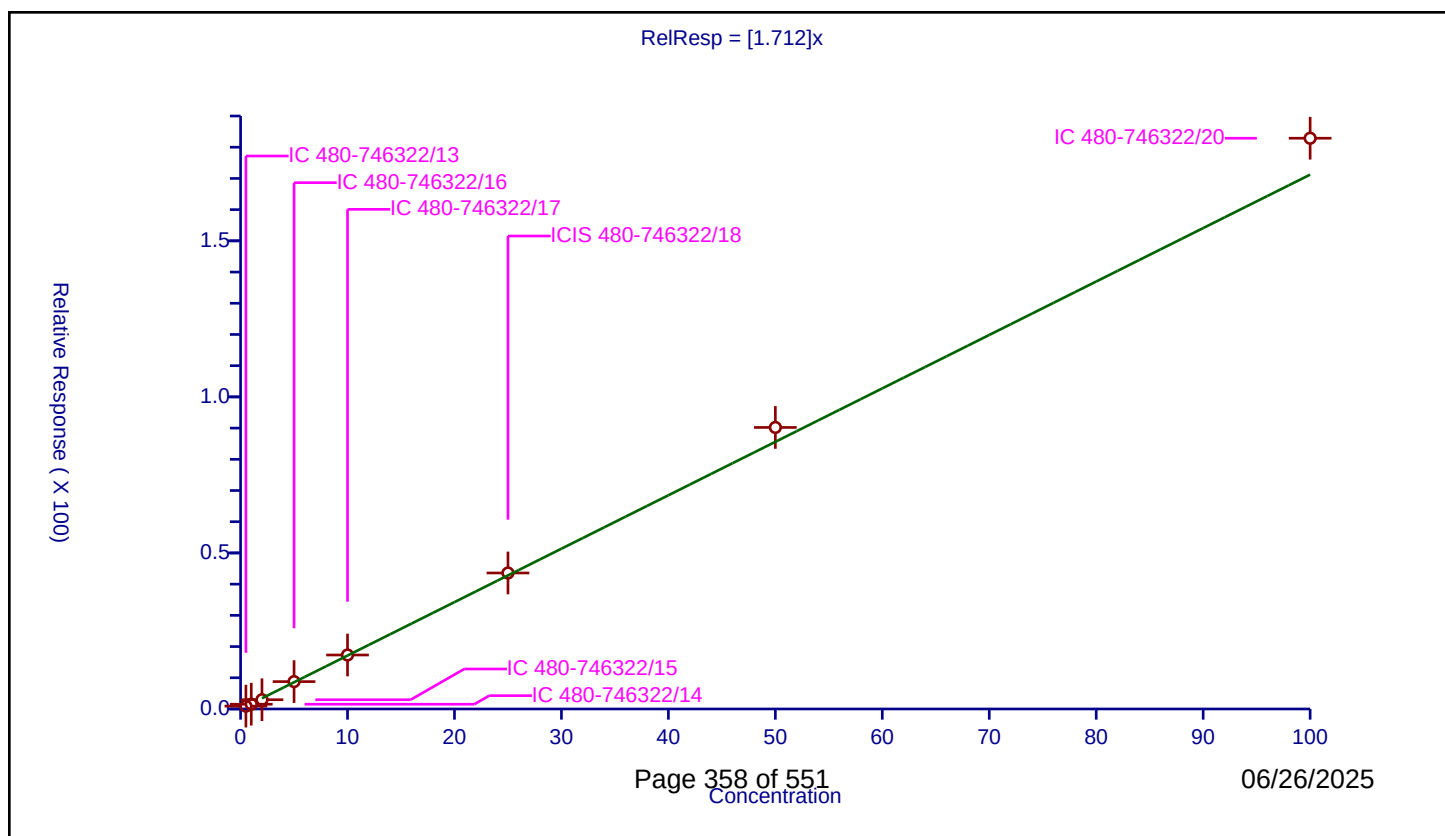
Curve Coefficients

Intercept: 0
Slope: 1.712

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.914494	25.0	388029.0	1.828987	Y
2	IC 480-746322/14	1.0	1.522751	25.0	385273.0	1.522751	Y
3	IC 480-746322/15	2.0	2.969158	25.0	386810.0	1.484579	Y
4	IC 480-746322/16	5.0	8.770611	25.0	386806.0	1.754122	Y
5	IC 480-746322/17	10.0	17.302172	25.0	393637.0	1.730217	Y
6	ICIS 480-746322/18	25.0	43.578447	25.0	390914.0	1.743138	Y
7	IC 480-746322/19	50.0	90.211122	25.0	394938.0	1.804222	Y
8	IC 480-746322/20	100.0	182.881364	25.0	403715.0	1.828814	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

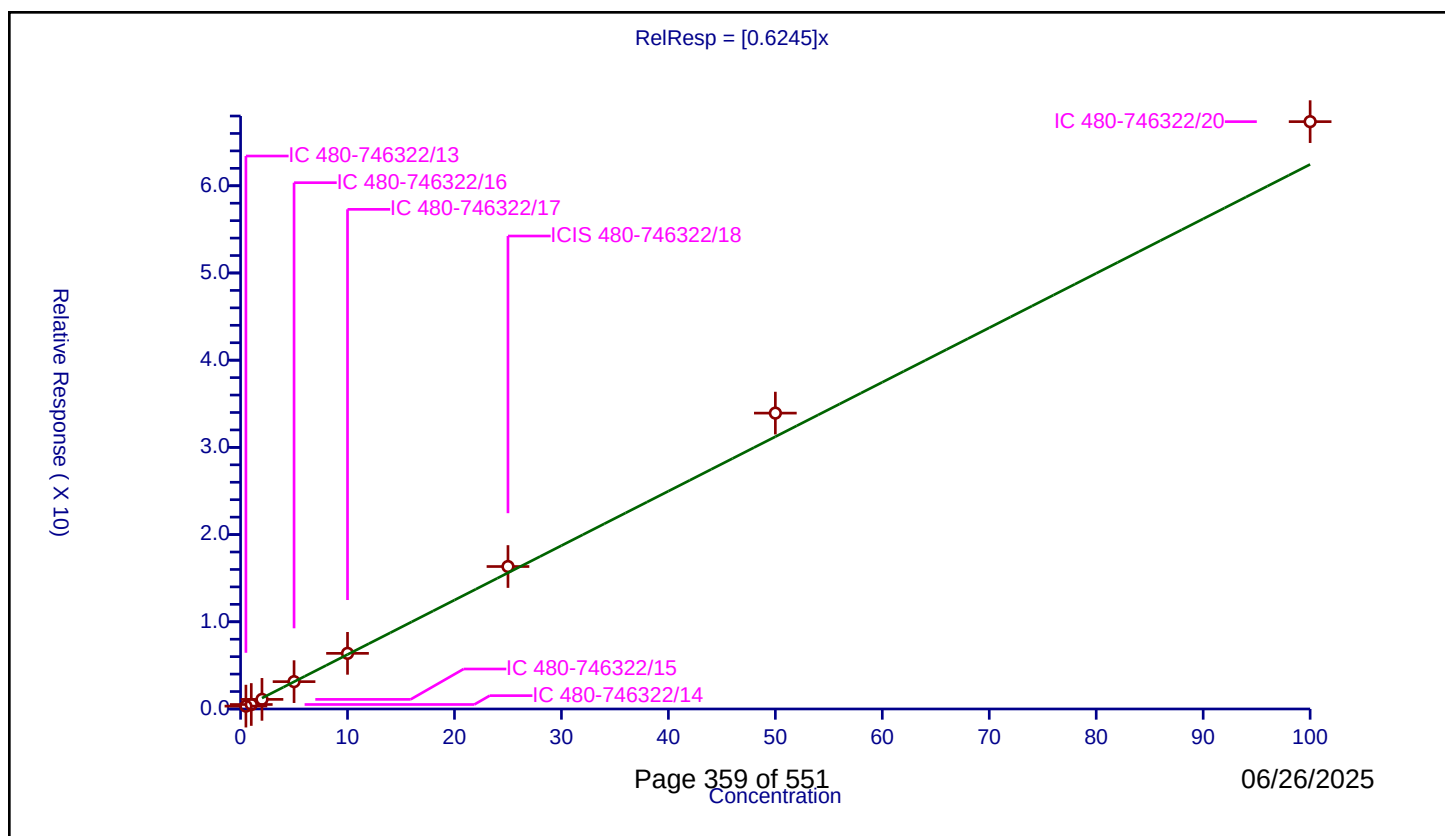
Curve Coefficients

Intercept: 0
Slope: 0.6245

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.329743	25.0	388029.0	0.659487	Y
2	IC 480-746322/14	1.0	0.513921	25.0	385273.0	0.513921	Y
3	IC 480-746322/15	2.0	1.102738	25.0	386810.0	0.551369	Y
4	IC 480-746322/16	5.0	3.136779	25.0	386806.0	0.627356	Y
5	IC 480-746322/17	10.0	6.381895	25.0	393637.0	0.638189	Y
6	ICIS 480-746322/18	25.0	16.337033	25.0	390914.0	0.653481	Y
7	IC 480-746322/19	50.0	33.92925	25.0	394938.0	0.678585	Y
8	IC 480-746322/20	100.0	67.35426	25.0	403715.0	0.673543	Y



Calibration

/ Ethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

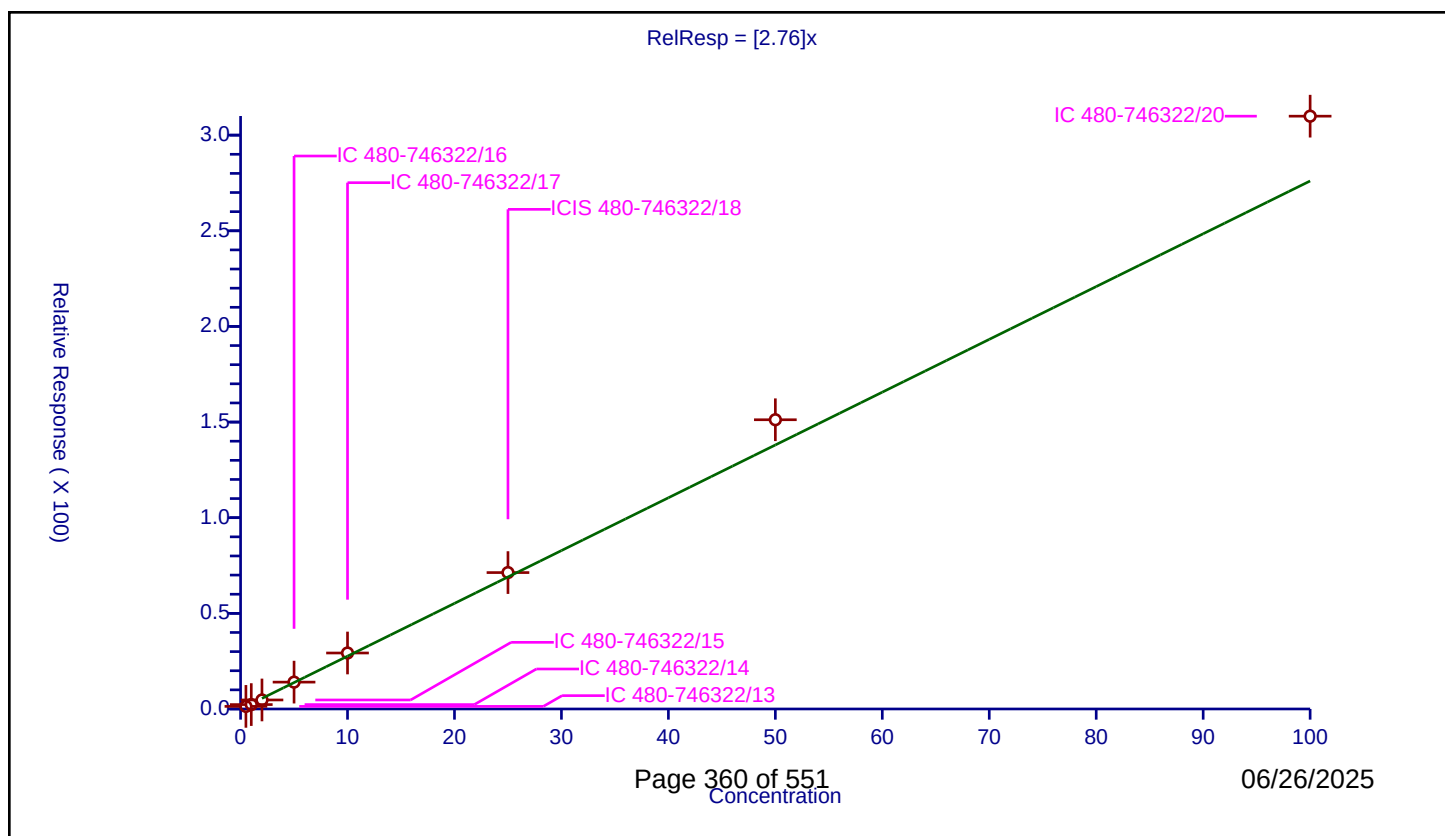
Curve Coefficients

Intercept: 0
 Slope: 2.76

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.354151	25.0	388029.0	2.708303	Y
2	IC 480-746322/14	1.0	2.300382	25.0	385273.0	2.300382	Y
3	IC 480-746322/15	2.0	4.724025	25.0	386810.0	2.362012	Y
4	IC 480-746322/16	5.0	14.042828	25.0	386806.0	2.808566	Y
5	IC 480-746322/17	10.0	29.27221	25.0	393637.0	2.927221	Y
6	ICIS 480-746322/18	25.0	71.320226	25.0	390914.0	2.852809	Y
7	IC 480-746322/19	50.0	151.214811	25.0	394938.0	3.024296	Y
8	IC 480-746322/20	100.0	309.921727	25.0	403715.0	3.099217	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

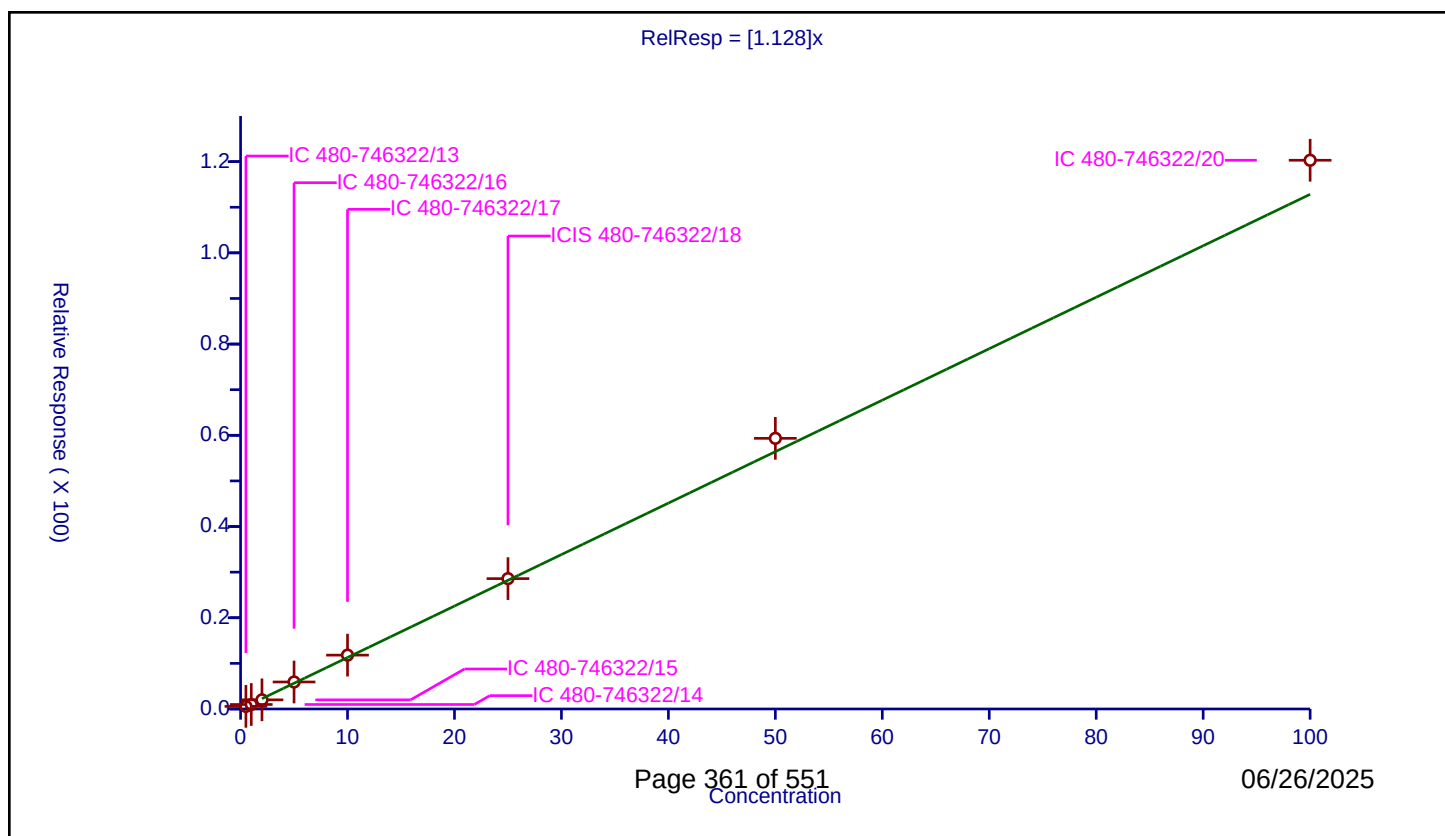
Curve Coefficients

Intercept: 0
Slope: 1.128

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.570962	25.0	388029.0	1.141925	Y
2	IC 480-746322/14	1.0	0.983004	25.0	385273.0	0.983004	Y
3	IC 480-746322/15	2.0	2.008415	25.0	386810.0	1.004207	Y
4	IC 480-746322/16	5.0	5.919117	25.0	386806.0	1.183823	Y
5	IC 480-746322/17	10.0	11.80923	25.0	393637.0	1.180923	Y
6	ICIS 480-746322/18	25.0	28.581095	25.0	390914.0	1.143244	Y
7	IC 480-746322/19	50.0	59.335579	25.0	394938.0	1.186712	Y
8	IC 480-746322/20	100.0	120.300026	25.0	403715.0	1.203	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

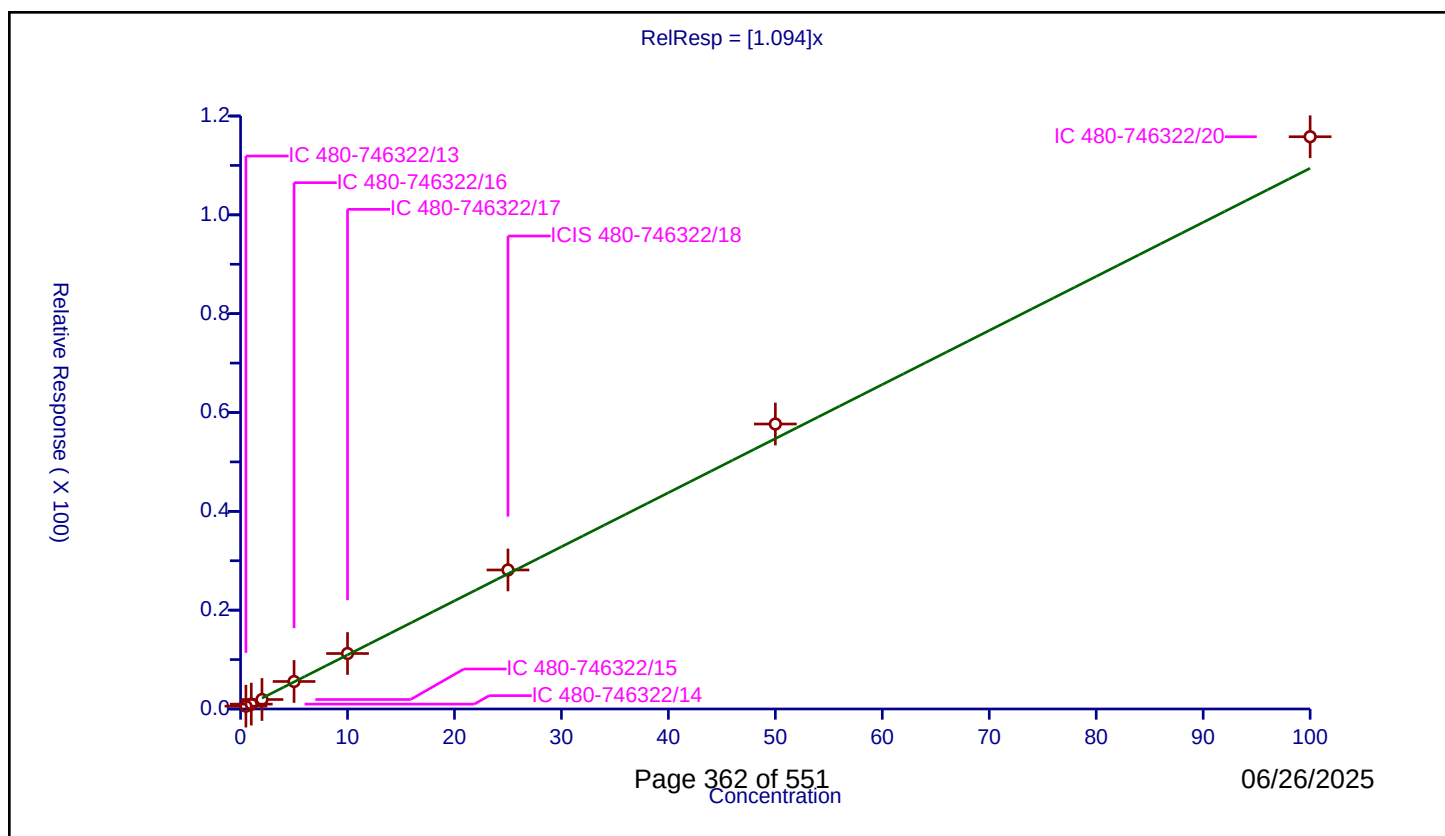
Curve Coefficients

Intercept: 0
Slope: 1.094

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.567805	25.0	388029.0	1.135611	Y
2	IC 480-746322/14	1.0	0.987352	25.0	385273.0	0.987352	Y
3	IC 480-746322/15	2.0	1.916703	25.0	386810.0	0.958352	Y
4	IC 480-746322/16	5.0	5.566098	25.0	386806.0	1.11322	Y
5	IC 480-746322/17	10.0	11.226333	25.0	393637.0	1.122633	Y
6	ICIS 480-746322/18	25.0	28.135025	25.0	390914.0	1.125401	Y
7	IC 480-746322/19	50.0	57.670951	25.0	394938.0	1.153419	Y
8	IC 480-746322/20	100.0	115.808863	25.0	403715.0	1.158089	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

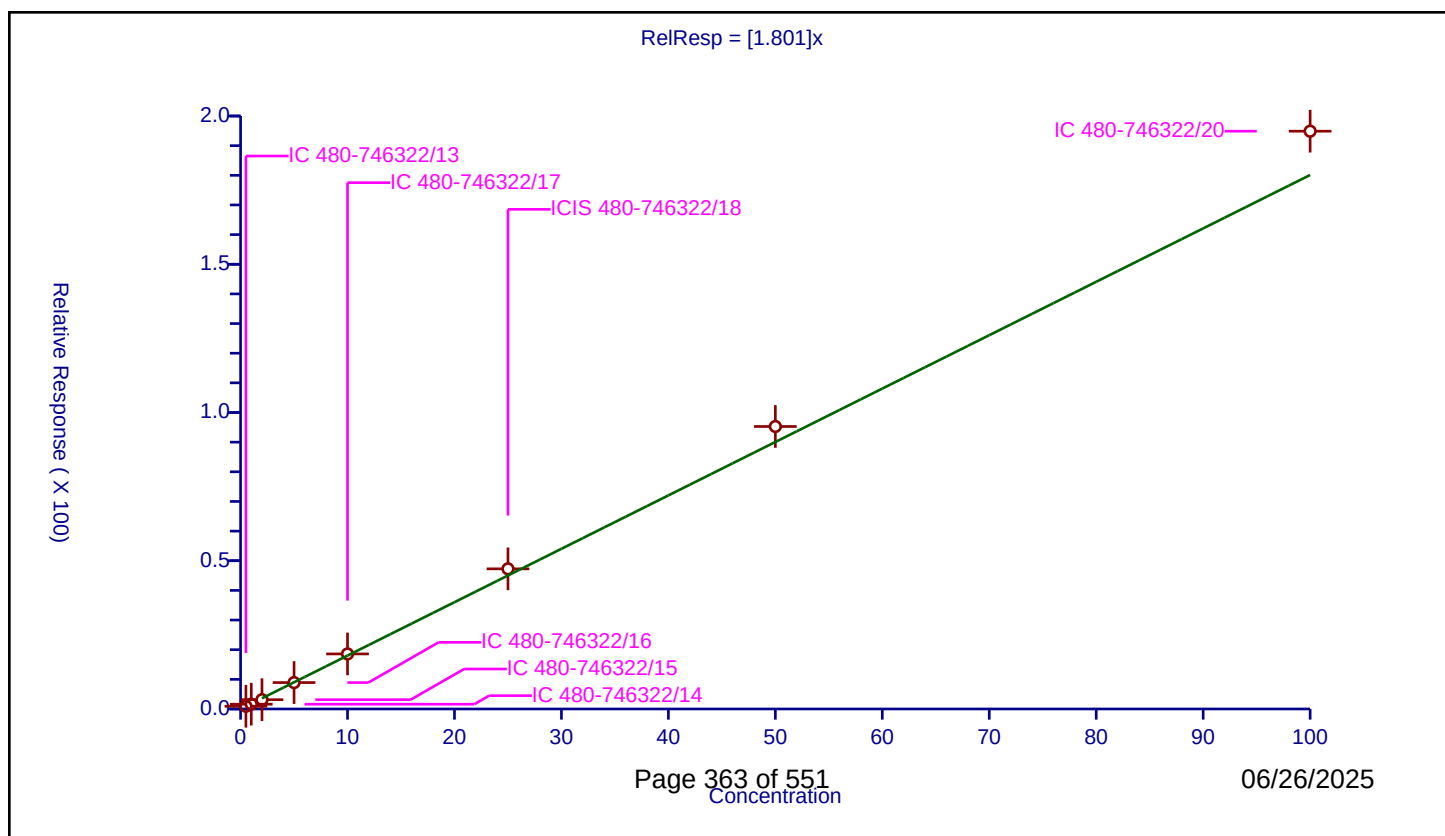
Curve Coefficients

Intercept: 0
Slope: 1.801

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.91939	25.0	388029.0	1.83878	Y
2	IC 480-746322/14	1.0	1.614375	25.0	385273.0	1.614375	Y
3	IC 480-746322/15	2.0	3.143081	25.0	386810.0	1.57154	Y
4	IC 480-746322/16	5.0	8.904593	25.0	386806.0	1.780919	Y
5	IC 480-746322/17	10.0	18.572314	25.0	393637.0	1.857231	Y
6	ICIS 480-746322/18	25.0	47.271139	25.0	390914.0	1.890846	Y
7	IC 480-746322/19	50.0	95.278183	25.0	394938.0	1.905564	Y
8	IC 480-746322/20	100.0	194.88098	25.0	403715.0	1.94881	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

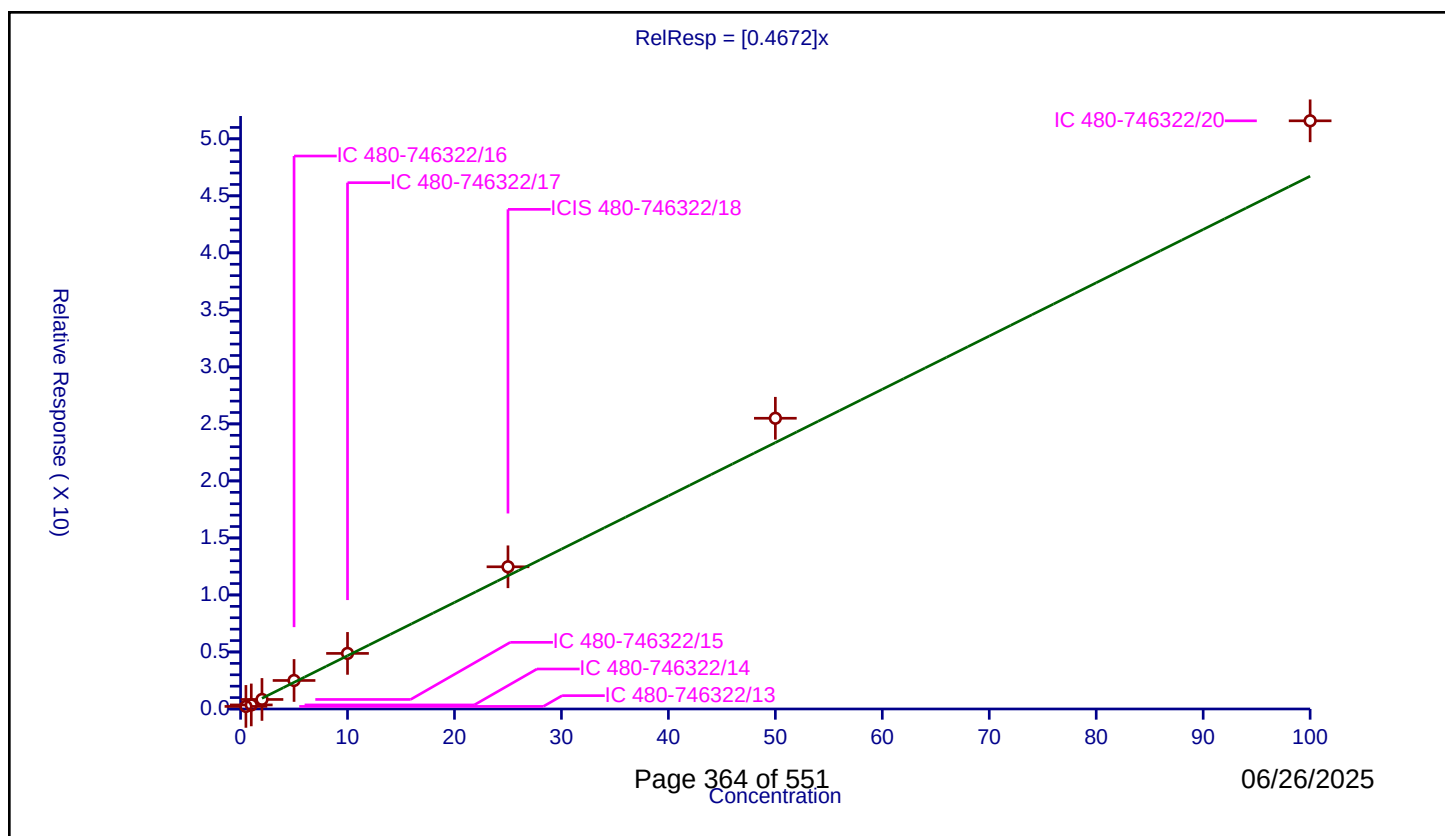
Curve Coefficients

Intercept: 0
Slope: 0.4672

Error Coefficients

Relative Standard Deviation: 11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.225563	25.0	388029.0	0.451126	Y
2	IC 480-746322/14	1.0	0.355852	25.0	385273.0	0.355852	Y
3	IC 480-746322/15	2.0	0.836845	25.0	386810.0	0.418422	Y
4	IC 480-746322/16	5.0	2.502094	25.0	386806.0	0.500419	Y
5	IC 480-746322/17	10.0	4.874732	25.0	393637.0	0.487473	Y
6	ICIS 480-746322/18	25.0	12.470965	25.0	390914.0	0.498839	Y
7	IC 480-746322/19	50.0	25.495268	25.0	394938.0	0.509905	Y
8	IC 480-746322/20	100.0	51.578279	25.0	403715.0	0.515783	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

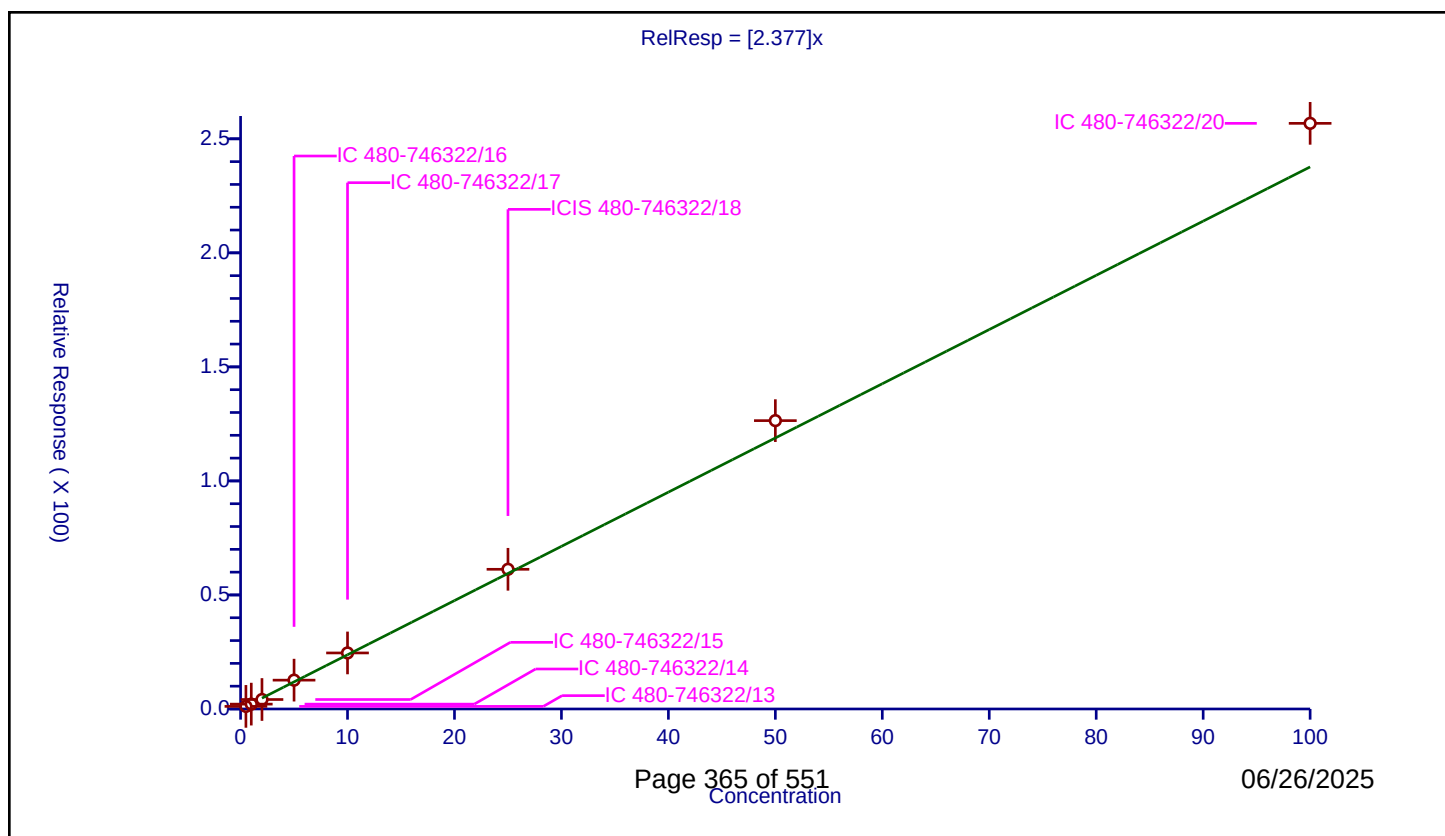
Curve Coefficients

Intercept: 0
 Slope: 2.377

Error Coefficients

Relative Standard Deviation: 8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.13703	25.0	429716.0	2.27406	Y
2	IC 480-746322/14	1.0	2.128861	25.0	418886.0	2.128861	Y
3	IC 480-746322/15	2.0	4.158479	25.0	407637.0	2.07924	Y
4	IC 480-746322/16	5.0	12.641732	25.0	409398.0	2.528346	Y
5	IC 480-746322/17	10.0	24.574095	25.0	430319.0	2.45741	Y
6	ICIS 480-746322/18	25.0	61.250598	25.0	428535.0	2.450024	Y
7	IC 480-746322/19	50.0	126.432148	25.0	431799.0	2.528643	Y
8	IC 480-746322/20	100.0	256.783861	25.0	446055.0	2.567839	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

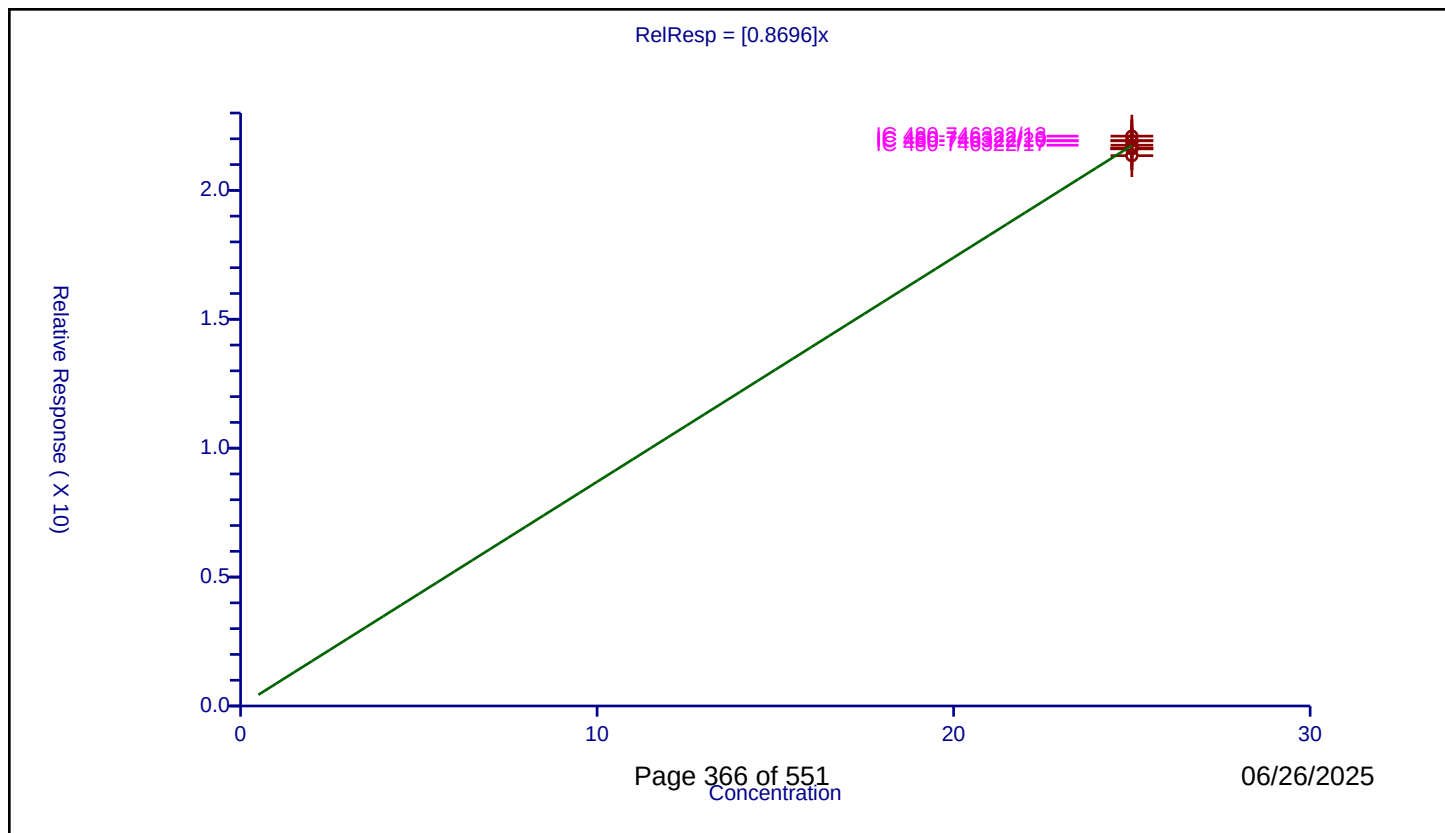
Curve Coefficients

Intercept: 0
 Slope: 0.8696

Error Coefficients

Relative Standard Deviation: 1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	25.0	22.10318	25.0	388029.0	0.884127	Y
2	IC 480-746322/14	25.0	21.630506	25.0	385273.0	0.86522	Y
3	IC 480-746322/15	25.0	21.345751	25.0	386810.0	0.85383	Y
4	IC 480-746322/16	25.0	21.609088	25.0	386806.0	0.864364	Y
5	IC 480-746322/17	25.0	21.751068	25.0	393637.0	0.870043	Y
6	ICIS 480-746322/18	25.0	21.624705	25.0	390914.0	0.864988	Y
7	IC 480-746322/19	25.0	21.929771	25.0	394938.0	0.877191	Y
8	IC 480-746322/20	25.0	21.9206	25.0	403715.0	0.876824	Y



Calibration

/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

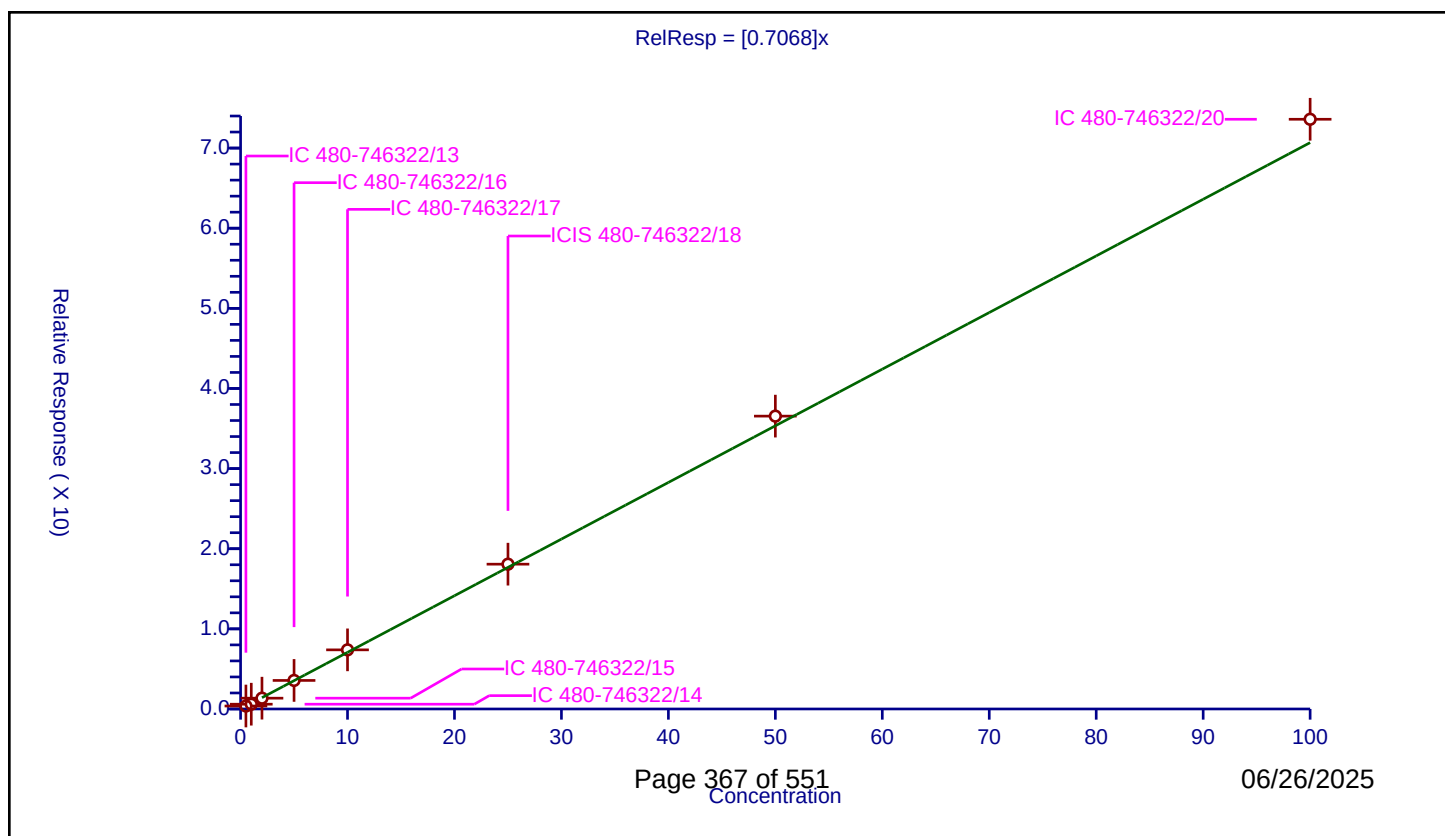
Curve Coefficients

Intercept: 0
Slope: 0.7068

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.370128	25.0	429716.0	0.740256	Y
2	IC 480-746322/14	1.0	0.598731	25.0	418886.0	0.598731	Y
3	IC 480-746322/15	2.0	1.349792	25.0	407637.0	0.674896	Y
4	IC 480-746322/16	5.0	3.56322	25.0	409398.0	0.712644	Y
5	IC 480-746322/17	10.0	7.380048	25.0	430319.0	0.738005	Y
6	ICIS 480-746322/18	25.0	18.072211	25.0	428535.0	0.722888	Y
7	IC 480-746322/19	50.0	36.54675	25.0	431799.0	0.730935	Y
8	IC 480-746322/20	100.0	73.593447	25.0	446055.0	0.735934	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

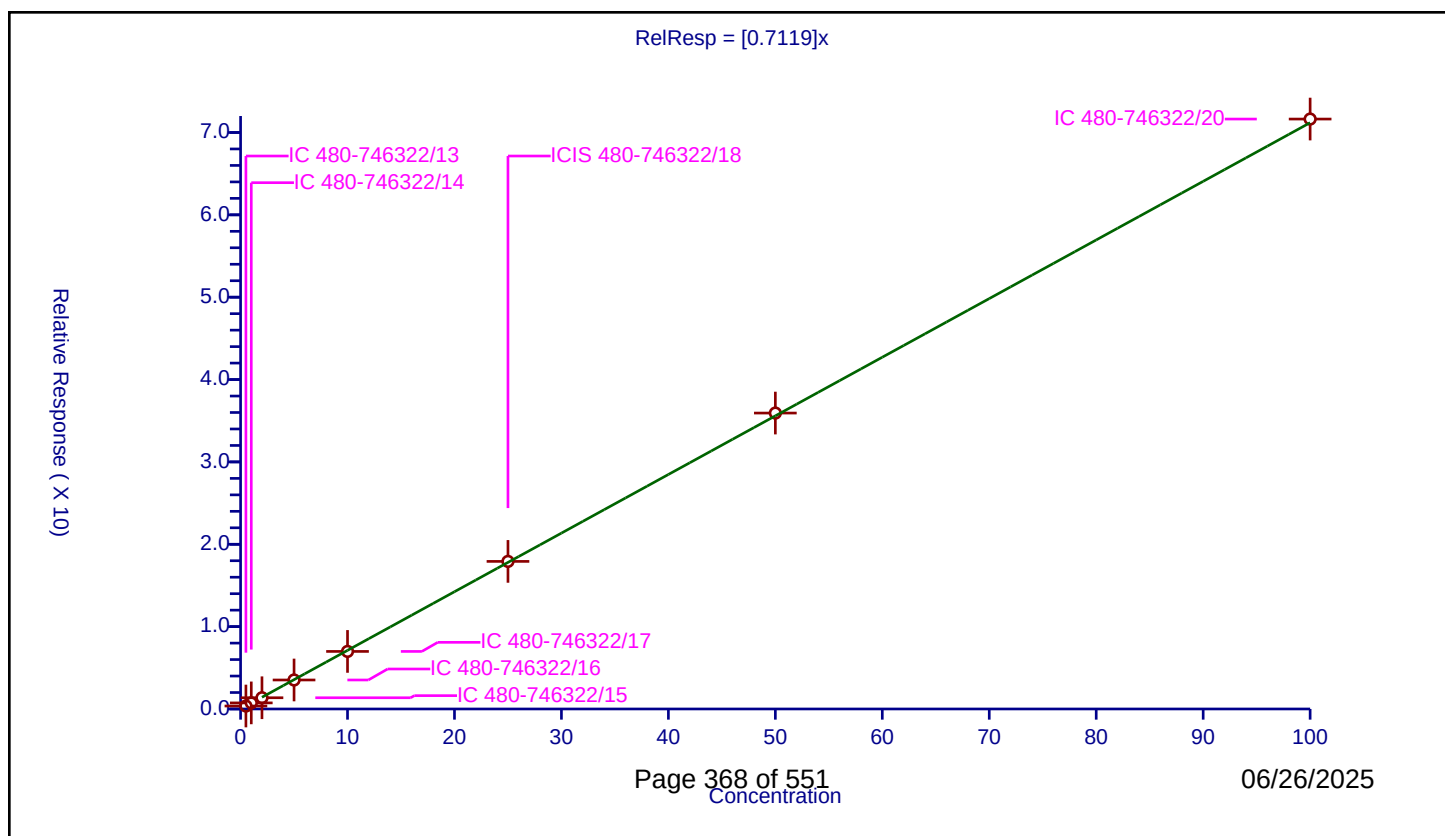
Curve Coefficients

Intercept: 0
Slope: 0.7119

Error Coefficients

Relative Standard Deviation: 2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.360005	25.0	429716.0	0.72001	Y
2	IC 480-746322/14	1.0	0.738327	25.0	418886.0	0.738327	Y
3	IC 480-746322/15	2.0	1.36402	25.0	407637.0	0.68201	Y
4	IC 480-746322/16	5.0	3.520291	25.0	409398.0	0.704058	Y
5	IC 480-746322/17	10.0	6.988362	25.0	430319.0	0.698836	Y
6	ICIS 480-746322/18	25.0	17.918898	25.0	428535.0	0.716756	Y
7	IC 480-746322/19	50.0	35.932228	25.0	431799.0	0.718645	Y
8	IC 480-746322/20	100.0	71.630629	25.0	446055.0	0.716306	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

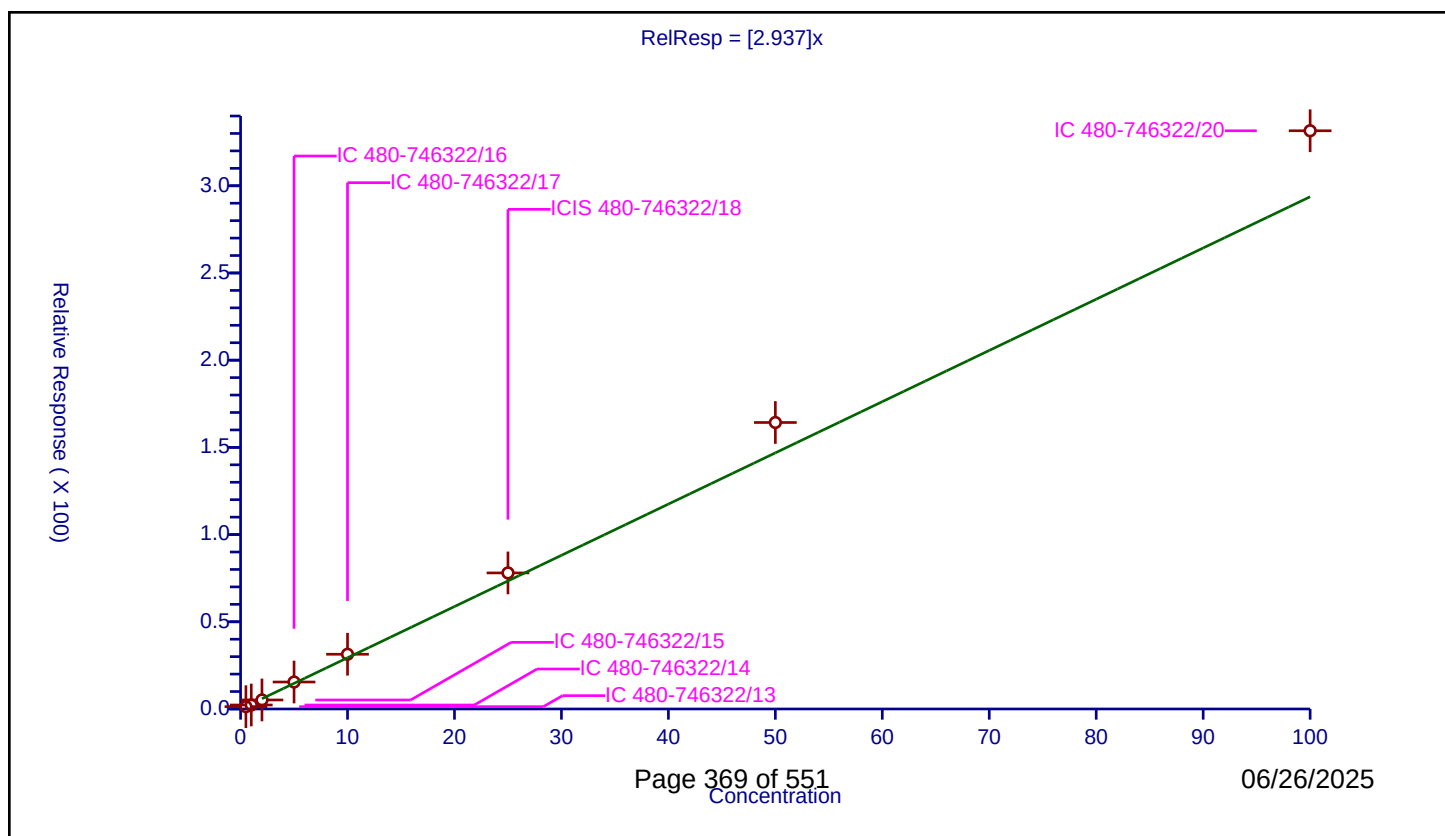
Curve Coefficients

Intercept: 0
Slope: 2.937

Error Coefficients

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.335708	25.0	429716.0	2.671416	Y
2	IC 480-746322/14	1.0	2.287078	25.0	418886.0	2.287078	Y
3	IC 480-746322/15	2.0	5.172065	25.0	407637.0	2.586032	Y
4	IC 480-746322/16	5.0	15.458979	25.0	409398.0	3.091796	Y
5	IC 480-746322/17	10.0	31.376374	25.0	430319.0	3.137637	Y
6	ICIS 480-746322/18	25.0	78.02029	25.0	428535.0	3.120812	Y
7	IC 480-746322/19	50.0	164.265723	25.0	431799.0	3.285314	Y
8	IC 480-746322/20	100.0	331.551602	25.0	446055.0	3.315516	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

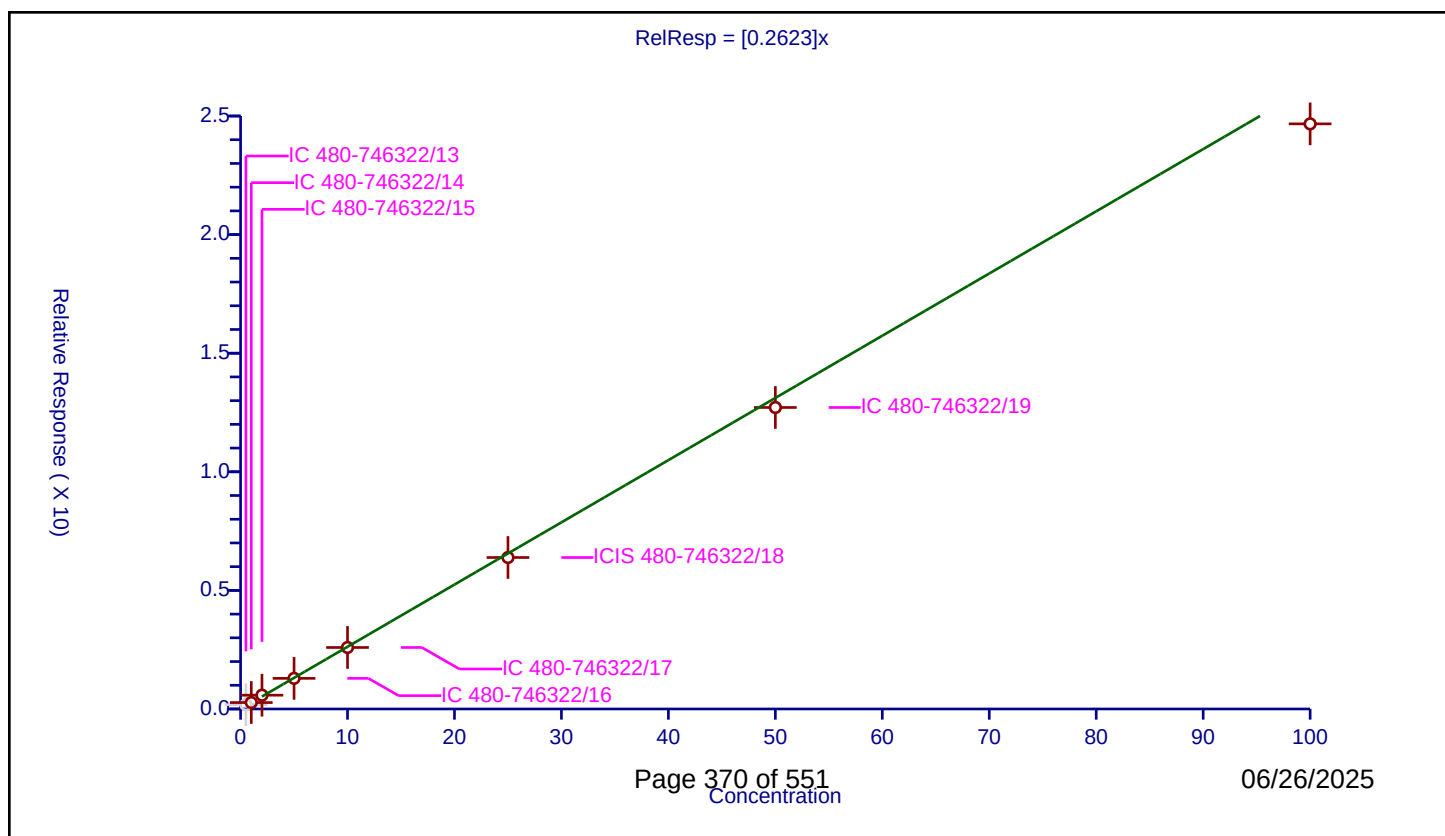
Curve Coefficients

Intercept: 0
Slope: 0.2623

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.183144	25.0	429716.0	0.366288	N
2	IC 480-746322/14	1.0	0.271196	25.0	418886.0	0.271196	Y
3	IC 480-746322/15	2.0	0.581522	25.0	407637.0	0.290761	Y
4	IC 480-746322/16	5.0	1.291408	25.0	409398.0	0.258282	Y
5	IC 480-746322/17	10.0	2.593309	25.0	430319.0	0.259331	Y
6	ICIS 480-746322/18	25.0	6.386935	25.0	428535.0	0.255477	Y
7	IC 480-746322/19	50.0	12.711123	25.0	431799.0	0.254222	Y
8	IC 480-746322/20	100.0	24.669267	25.0	446055.0	0.246693	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

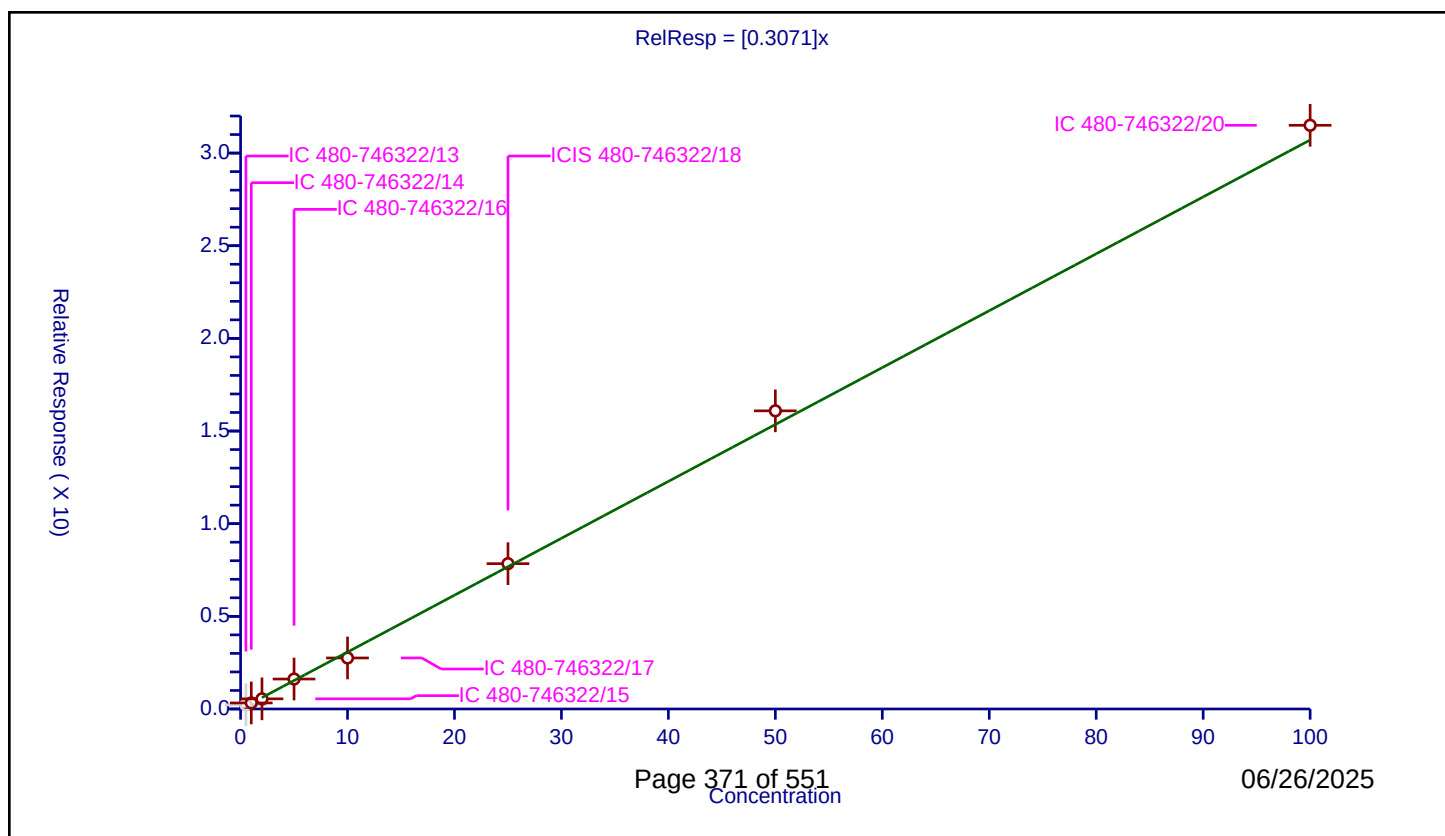
Curve Coefficients

Intercept: 0
 Slope: 0.3071

Error Coefficients

Relative Standard Deviation: 7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.226894	25.0	429716.0	0.453788	N
2	IC 480-746322/14	1.0	0.326342	25.0	418886.0	0.326342	Y
3	IC 480-746322/15	2.0	0.547362	25.0	407637.0	0.273681	Y
4	IC 480-746322/16	5.0	1.617436	25.0	409398.0	0.323487	Y
5	IC 480-746322/17	10.0	2.753306	25.0	430319.0	0.275331	Y
6	ICIS 480-746322/18	25.0	7.843408	25.0	428535.0	0.313736	Y
7	IC 480-746322/19	50.0	16.090067	25.0	431799.0	0.321801	Y
8	IC 480-746322/20	100.0	31.499871	25.0	446055.0	0.314999	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

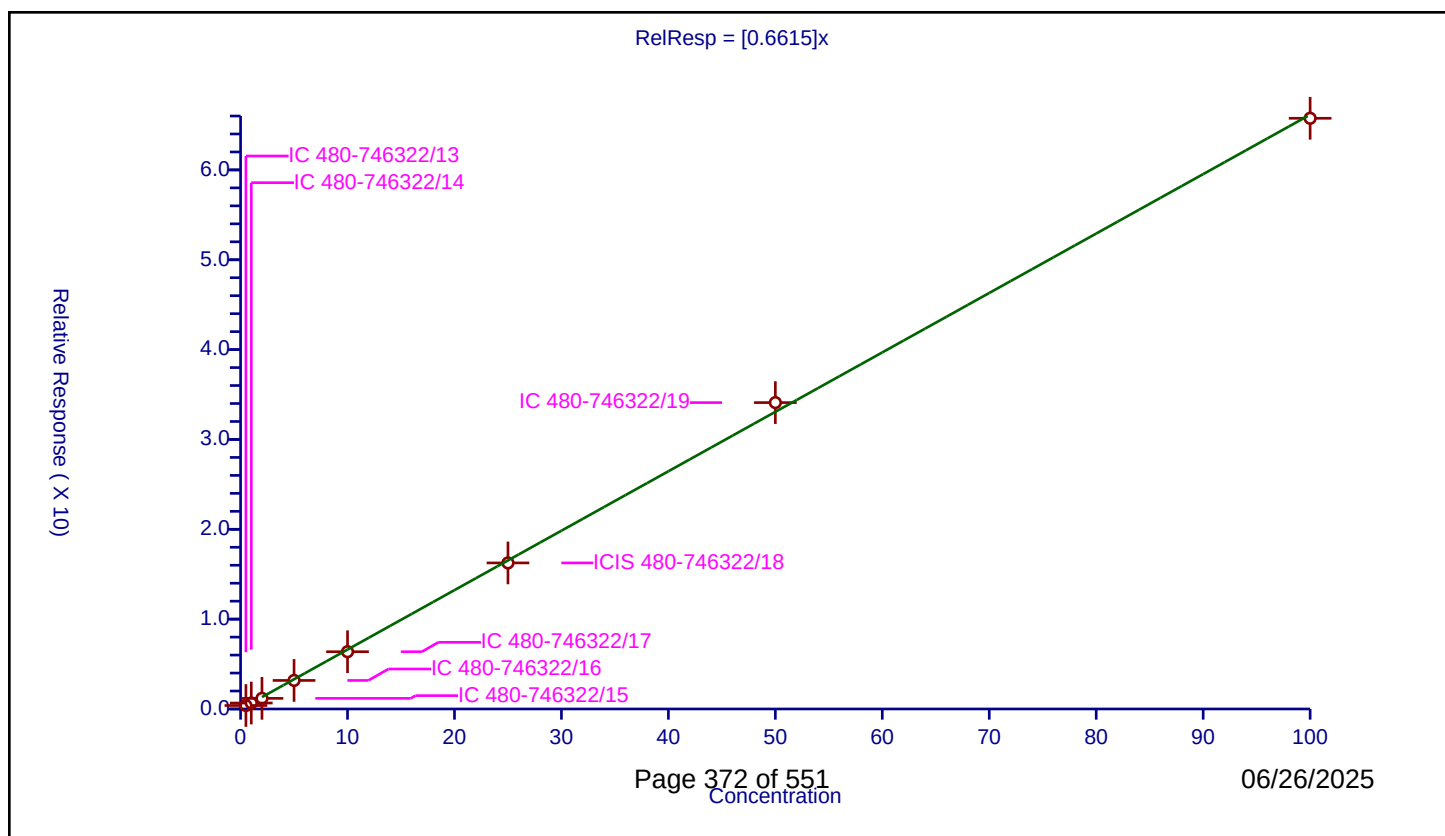
Curve Coefficients

Intercept: 0
Slope: 0.6615

Error Coefficients

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.388105	25.0	429716.0	0.77621	Y
2	IC 480-746322/14	1.0	0.662412	25.0	418886.0	0.662412	Y
3	IC 480-746322/15	2.0	1.181382	25.0	407637.0	0.590691	Y
4	IC 480-746322/16	5.0	3.176249	25.0	409398.0	0.63525	Y
5	IC 480-746322/17	10.0	6.373528	25.0	430319.0	0.637353	Y
6	ICIS 480-746322/18	25.0	16.258707	25.0	428535.0	0.650348	Y
7	IC 480-746322/19	50.0	34.102499	25.0	431799.0	0.68205	Y
8	IC 480-746322/20	100.0	65.74817	25.0	446055.0	0.657482	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

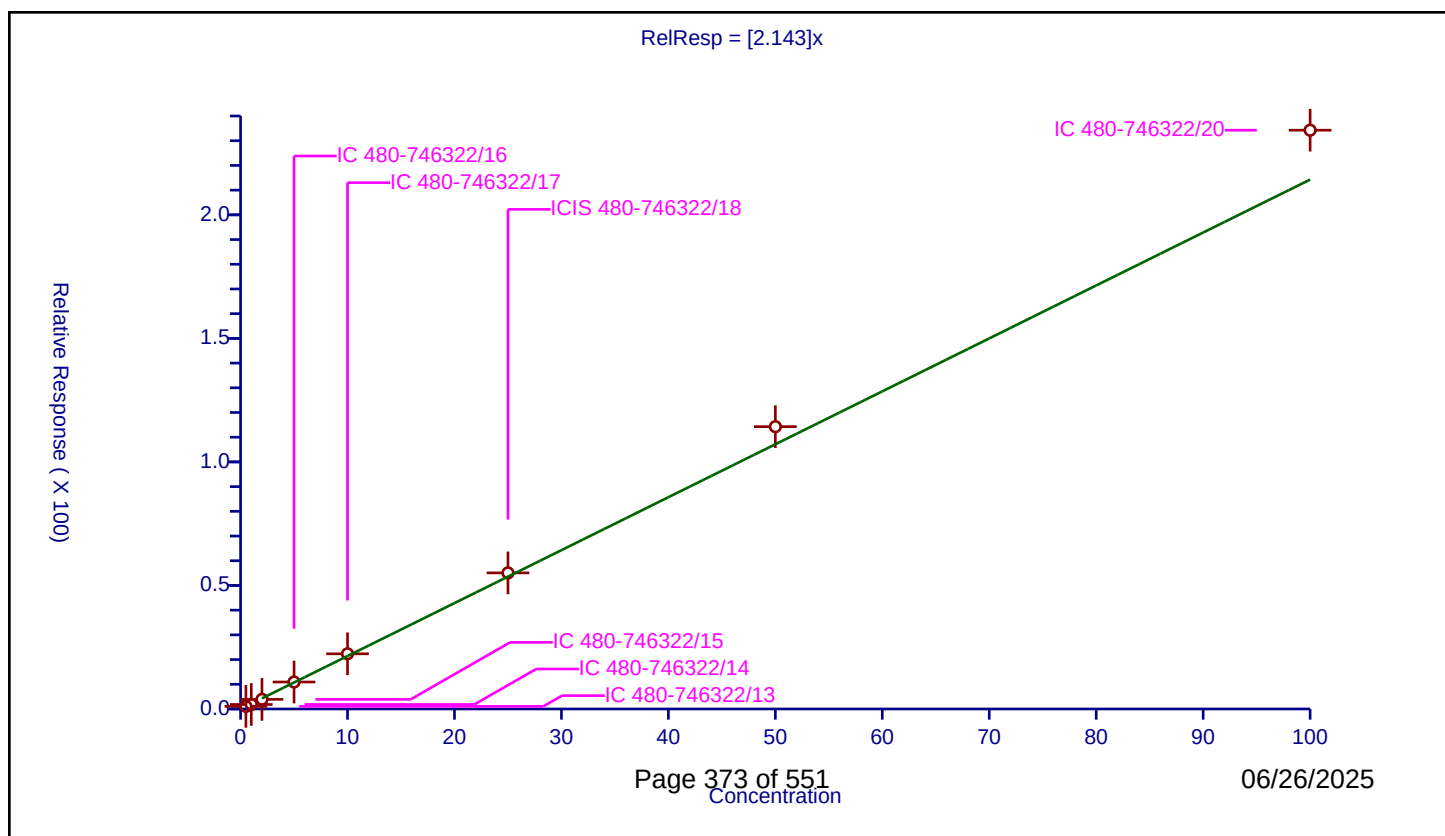
Curve Coefficients

Intercept: 0
Slope: 2.143

Error Coefficients

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.061457	25.0	429716.0	2.122914	Y
2	IC 480-746322/14	1.0	1.826989	25.0	418886.0	1.826989	Y
3	IC 480-746322/15	2.0	3.888754	25.0	407637.0	1.944377	Y
4	IC 480-746322/16	5.0	10.912181	25.0	409398.0	2.182436	Y
5	IC 480-746322/17	10.0	22.339764	25.0	430319.0	2.233976	Y
6	ICIS 480-746322/18	25.0	55.077123	25.0	428535.0	2.203085	Y
7	IC 480-746322/19	50.0	114.267229	25.0	431799.0	2.285345	Y
8	IC 480-746322/20	100.0	234.25637	25.0	446055.0	2.342564	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

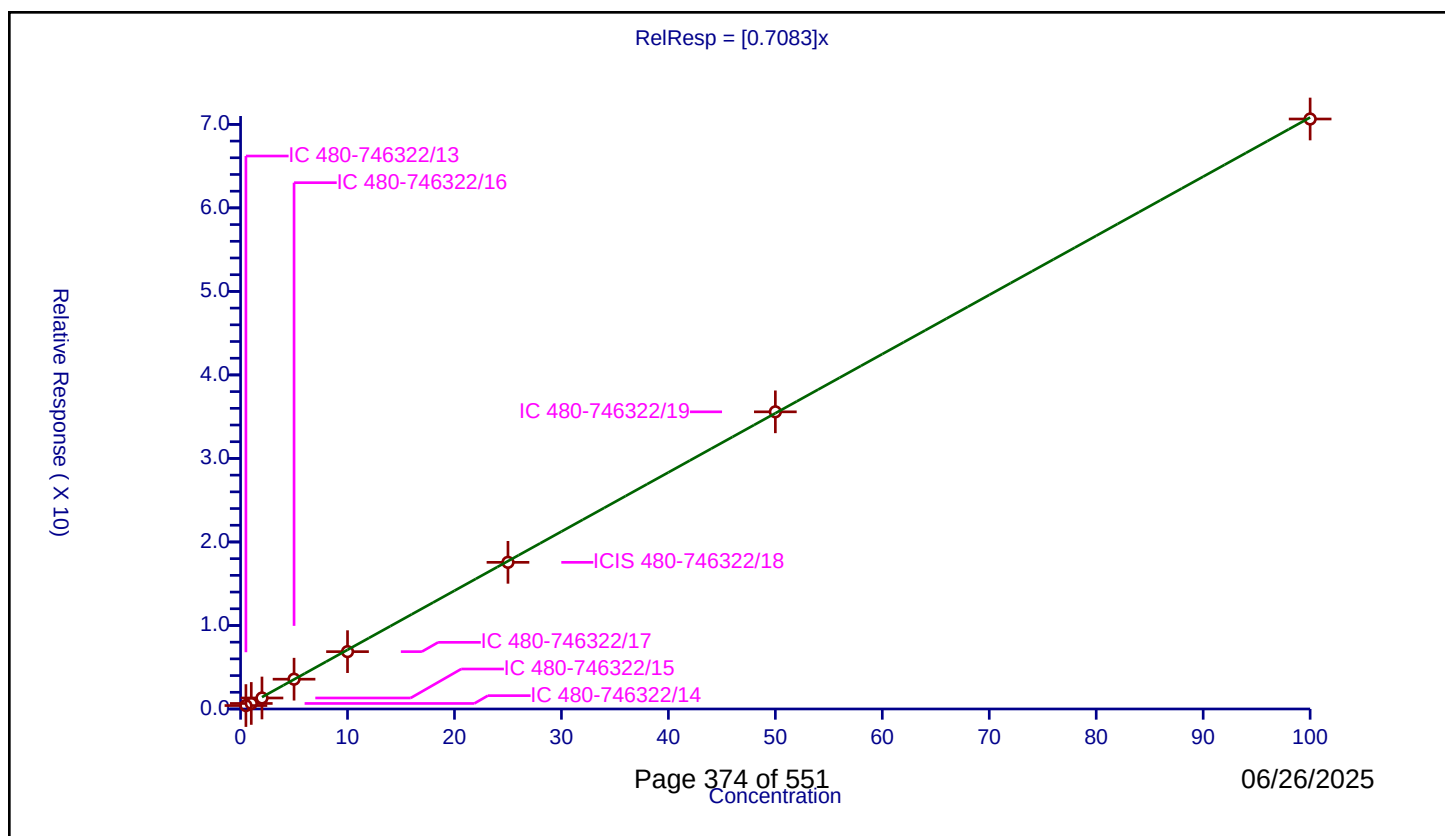
Curve Coefficients

Intercept: 0
 Slope: 0.7083

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.411493	25.0	429716.0	0.822985	Y
2	IC 480-746322/14	1.0	0.664023	25.0	418886.0	0.664023	Y
3	IC 480-746322/15	2.0	1.31649	25.0	407637.0	0.658245	Y
4	IC 480-746322/16	5.0	3.569448	25.0	409398.0	0.71389	Y
5	IC 480-746322/17	10.0	6.86543	25.0	430319.0	0.686543	Y
6	ICIS 480-746322/18	25.0	17.559068	25.0	428535.0	0.702363	Y
7	IC 480-746322/19	50.0	35.579923	25.0	431799.0	0.711598	Y
8	IC 480-746322/20	100.0	70.643811	25.0	446055.0	0.706438	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

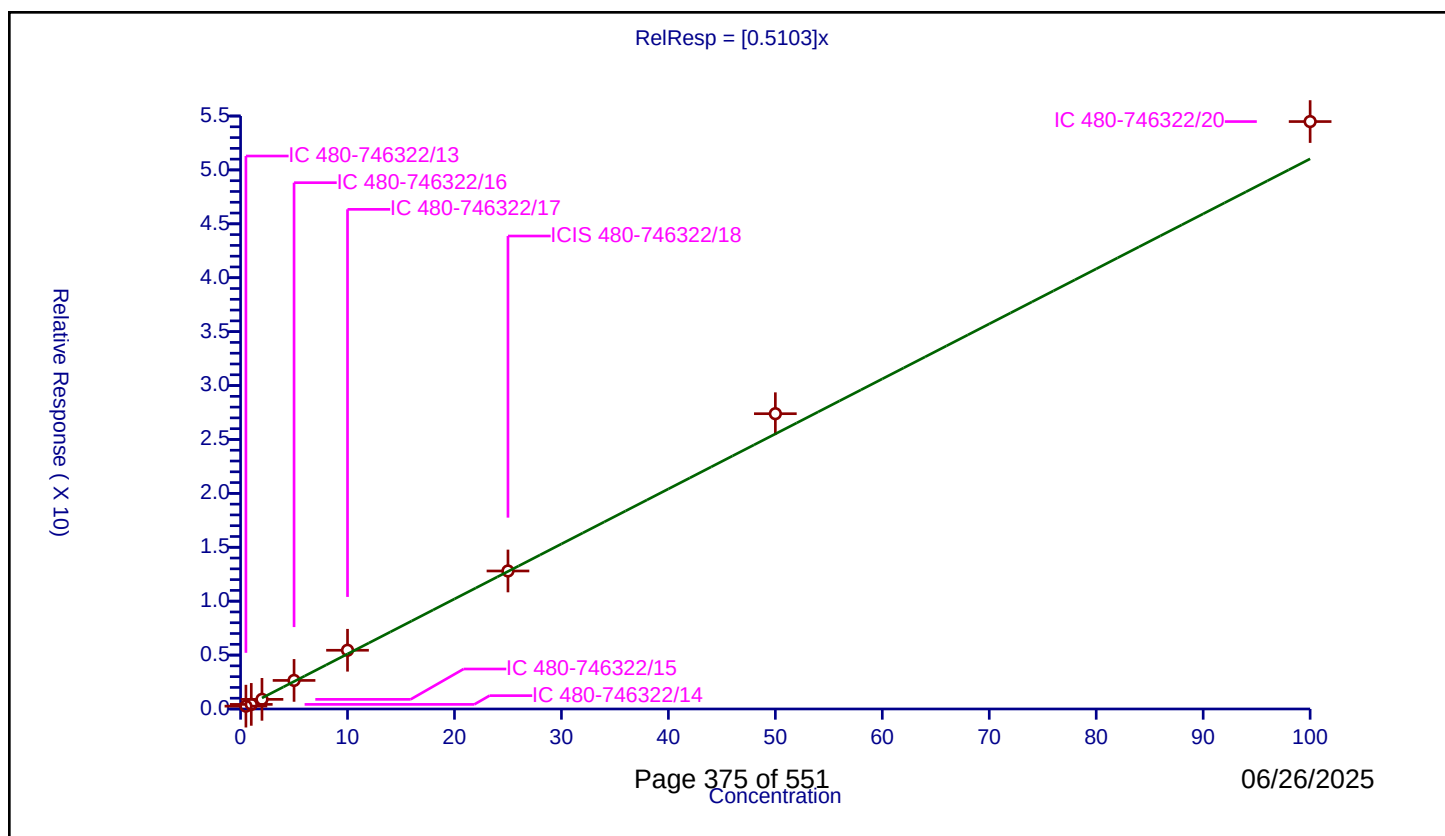
Curve Coefficients

Intercept: 0
Slope: 0.5103

Error Coefficients

Relative Standard Deviation: 9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.264535	25.0	429716.0	0.52907	Y
2	IC 480-746322/14	1.0	0.426548	25.0	418886.0	0.426548	Y
3	IC 480-746322/15	2.0	0.89381	25.0	407637.0	0.446905	Y
4	IC 480-746322/16	5.0	2.650966	25.0	409398.0	0.530193	Y
5	IC 480-746322/17	10.0	5.448342	25.0	430319.0	0.544834	Y
6	ICIS 480-746322/18	25.0	12.801113	25.0	428535.0	0.512045	Y
7	IC 480-746322/19	50.0	27.388438	25.0	431799.0	0.547769	Y
8	IC 480-746322/20	100.0	54.485714	25.0	446055.0	0.544857	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

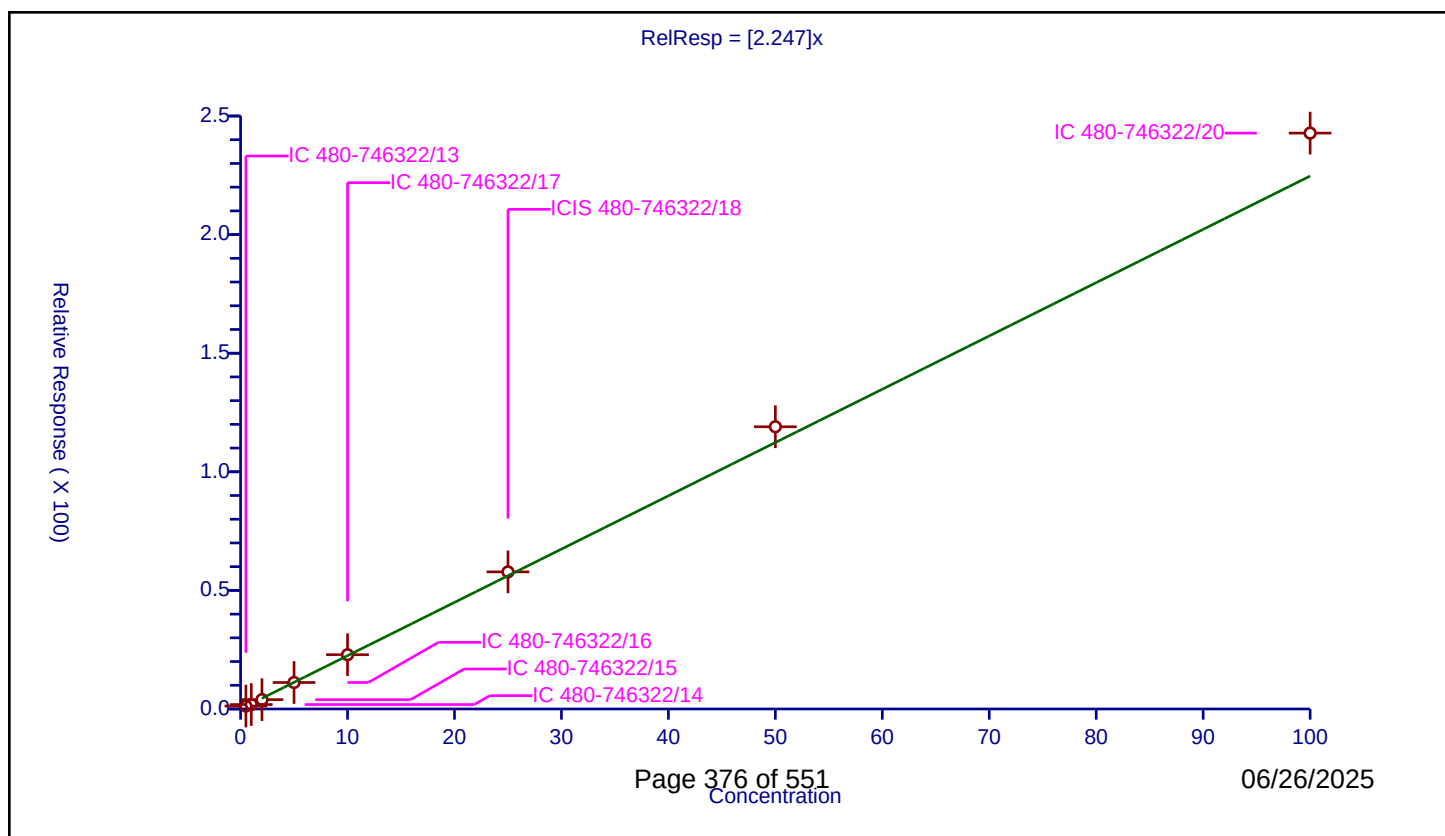
Curve Coefficients

Intercept: 0
Slope: 2.247

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.242565	25.0	429716.0	2.48513	Y
2	IC 480-746322/14	1.0	1.876406	25.0	418886.0	1.876406	Y
3	IC 480-746322/15	2.0	3.944502	25.0	407637.0	1.972251	Y
4	IC 480-746322/16	5.0	11.164625	25.0	409398.0	2.232925	Y
5	IC 480-746322/17	10.0	22.881165	25.0	430319.0	2.288116	Y
6	ICIS 480-746322/18	25.0	57.807297	25.0	428535.0	2.312292	Y
7	IC 480-746322/19	50.0	118.99078	25.0	431799.0	2.379816	Y
8	IC 480-746322/20	100.0	242.797133	25.0	446055.0	2.427971	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

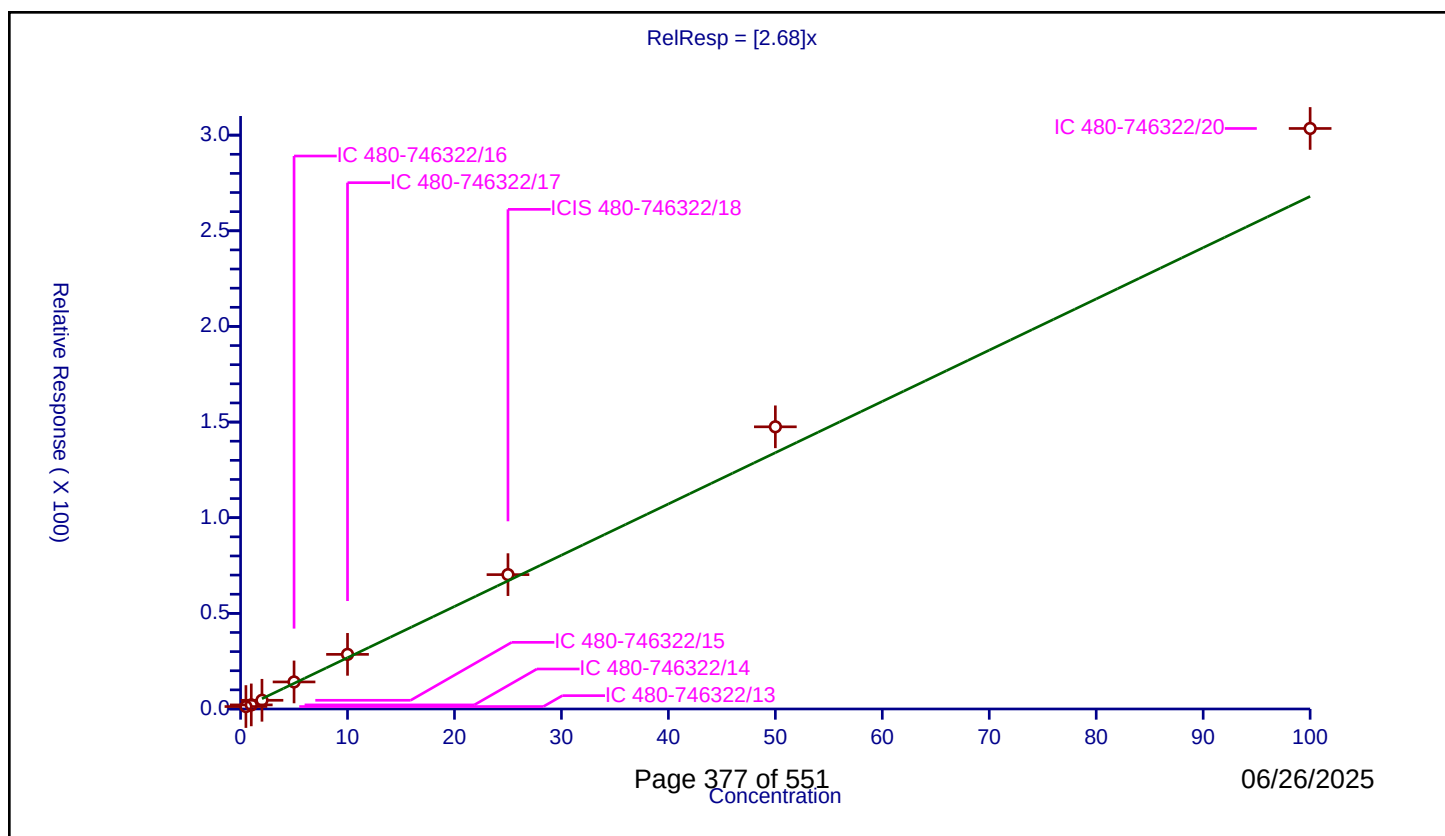
Curve Coefficients

Intercept: 0
Slope: 2.68

Error Coefficients

Relative Standard Deviation: 12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.270781	25.0	429716.0	2.541562	Y
2	IC 480-746322/14	1.0	2.140141	25.0	418886.0	2.140141	Y
3	IC 480-746322/15	2.0	4.555892	25.0	407637.0	2.277946	Y
4	IC 480-746322/16	5.0	14.136671	25.0	409398.0	2.827334	Y
5	IC 480-746322/17	10.0	28.55434	25.0	430319.0	2.855434	Y
6	ICIS 480-746322/18	25.0	70.245138	25.0	428535.0	2.809806	Y
7	IC 480-746322/19	50.0	147.523848	25.0	431799.0	2.950477	Y
8	IC 480-746322/20	100.0	303.495589	25.0	446055.0	3.034956	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

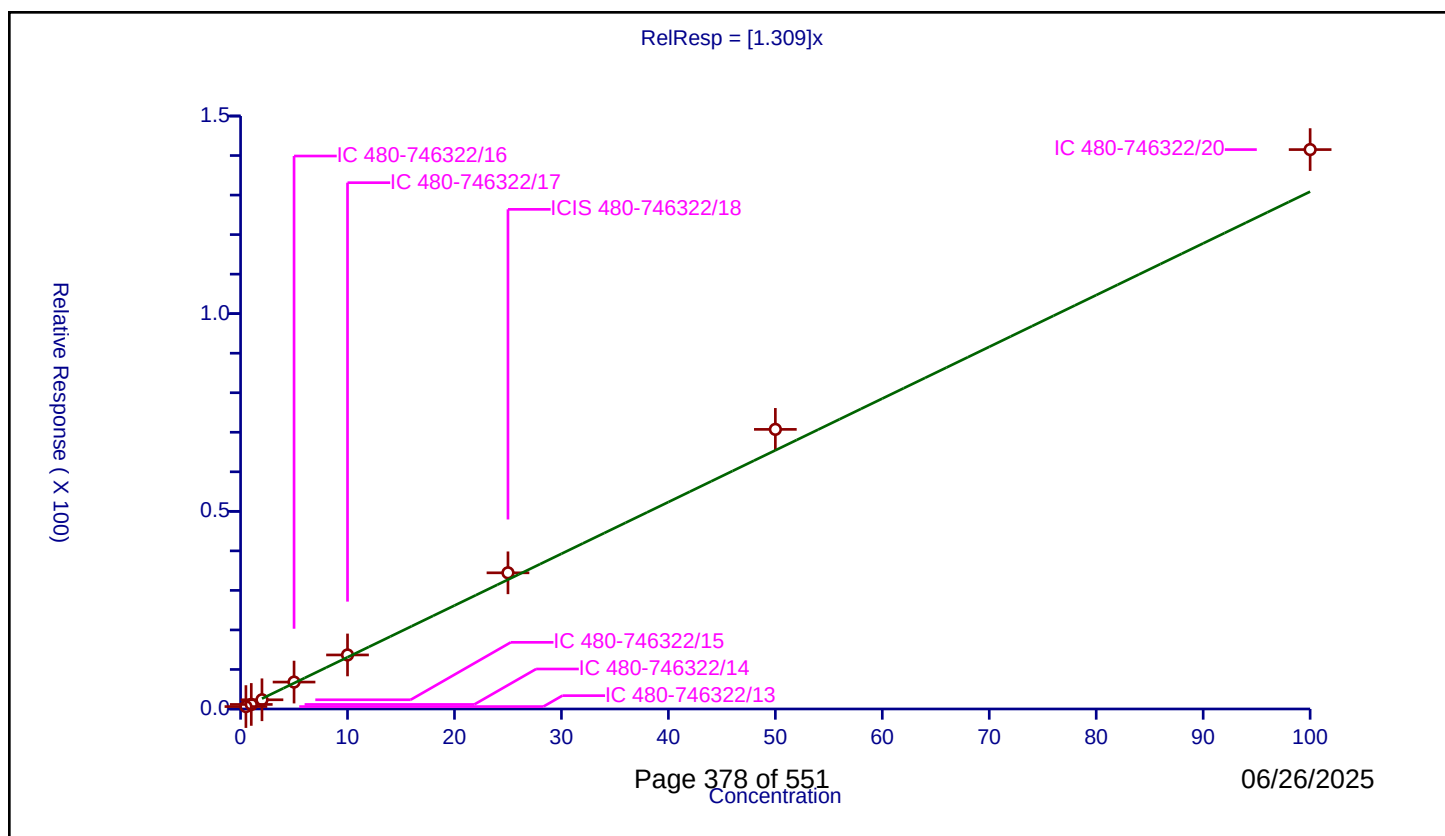
Curve Coefficients

Intercept: 0
Slope: 1.309

Error Coefficients

Relative Standard Deviation: 8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.608425	25.0	429716.0	1.21685	Y
2	IC 480-746322/14	1.0	1.149955	25.0	418886.0	1.149955	Y
3	IC 480-746322/15	2.0	2.332161	25.0	407637.0	1.16608	Y
4	IC 480-746322/16	5.0	6.809511	25.0	409398.0	1.361902	Y
5	IC 480-746322/17	10.0	13.670498	25.0	430319.0	1.36705	Y
6	ICIS 480-746322/18	25.0	34.447361	25.0	428535.0	1.377894	Y
7	IC 480-746322/19	50.0	70.734821	25.0	431799.0	1.414696	Y
8	IC 480-746322/20	100.0	141.506541	25.0	446055.0	1.415065	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

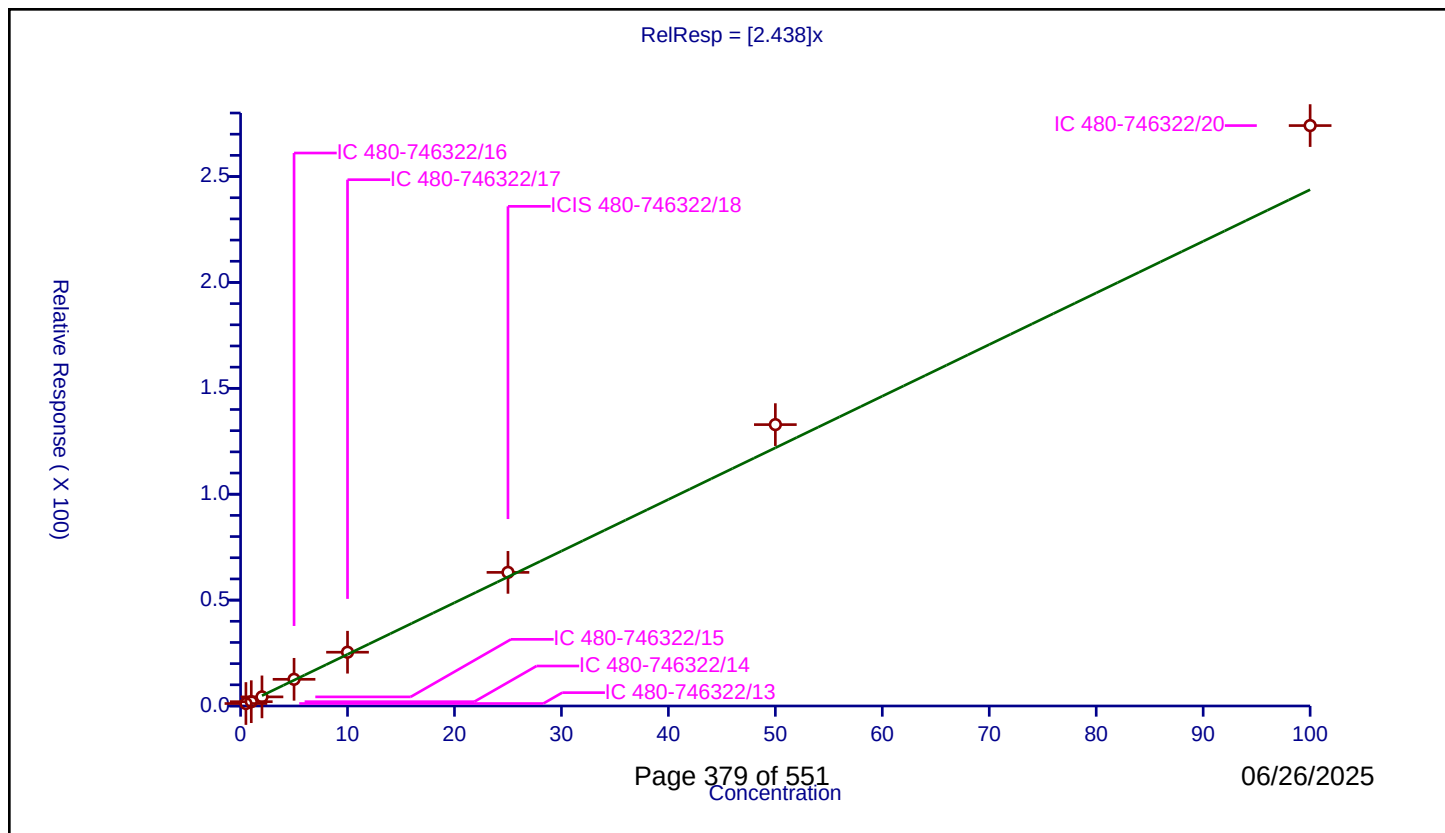
Curve Coefficients

Intercept: 0
 Slope: 2.438

Error Coefficients

Relative Standard Deviation: 10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.16897	25.0	429716.0	2.337939	Y
2	IC 480-746322/14	1.0	2.034444	25.0	418886.0	2.034444	Y
3	IC 480-746322/15	2.0	4.306221	25.0	407637.0	2.15311	Y
4	IC 480-746322/16	5.0	12.592025	25.0	409398.0	2.518405	Y
5	IC 480-746322/17	10.0	25.387503	25.0	430319.0	2.53875	Y
6	ICIS 480-746322/18	25.0	63.088021	25.0	428535.0	2.523521	Y
7	IC 480-746322/19	50.0	132.86477	25.0	431799.0	2.657295	Y
8	IC 480-746322/20	100.0	274.073096	25.0	446055.0	2.740731	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

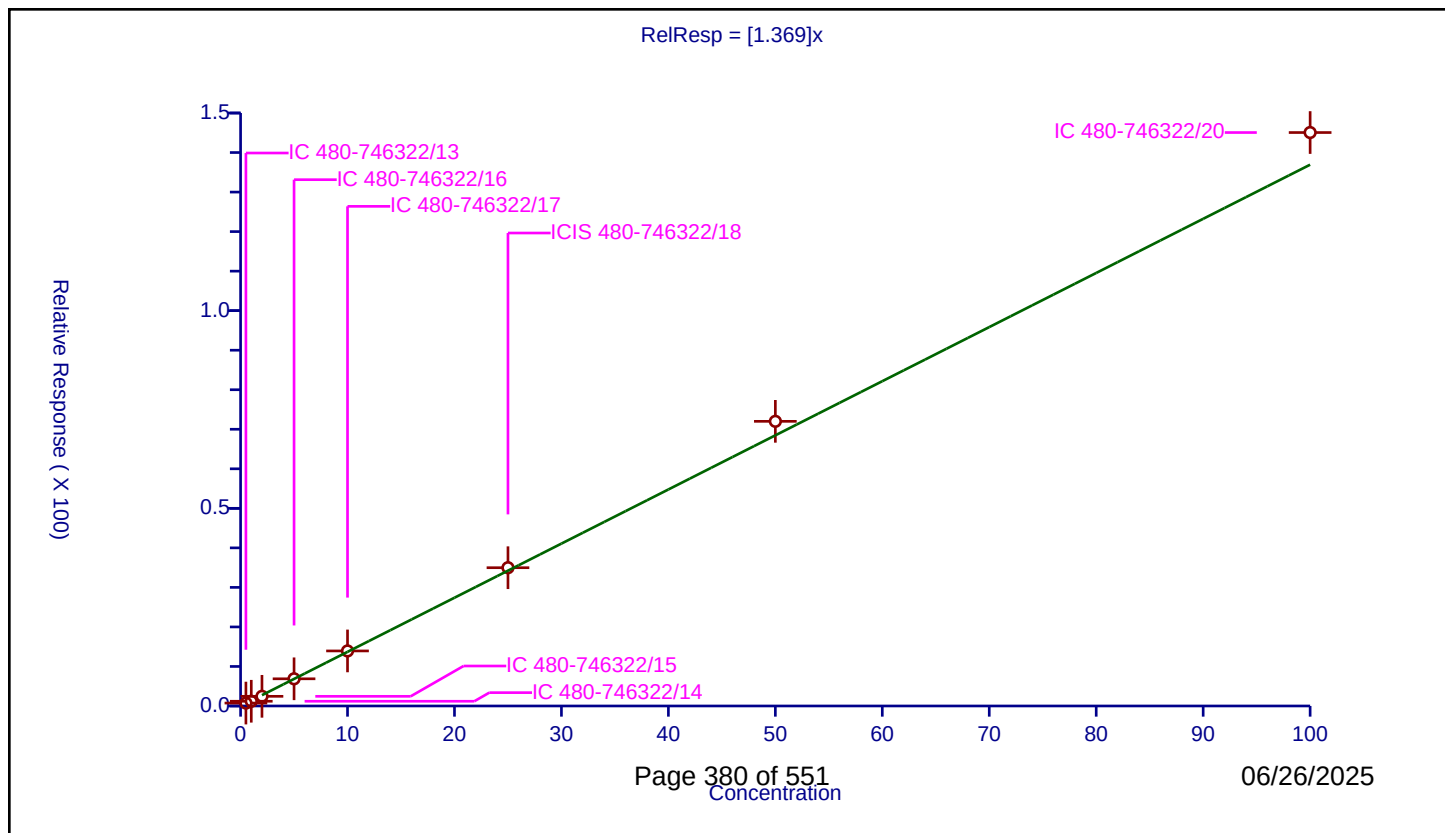
Curve Coefficients

Intercept: 0
Slope: 1.369

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.737347	25.0	429716.0	1.474695	Y
2	IC 480-746322/14	1.0	1.198118	25.0	418886.0	1.198118	Y
3	IC 480-746322/15	2.0	2.446478	25.0	407637.0	1.223239	Y
4	IC 480-746322/16	5.0	6.876866	25.0	409398.0	1.375373	Y
5	IC 480-746322/17	10.0	13.925774	25.0	430319.0	1.392577	Y
6	ICIS 480-746322/18	25.0	34.98279	25.0	428535.0	1.399312	Y
7	IC 480-746322/19	50.0	72.007693	25.0	431799.0	1.440154	Y
8	IC 480-746322/20	100.0	145.062773	25.0	446055.0	1.450628	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

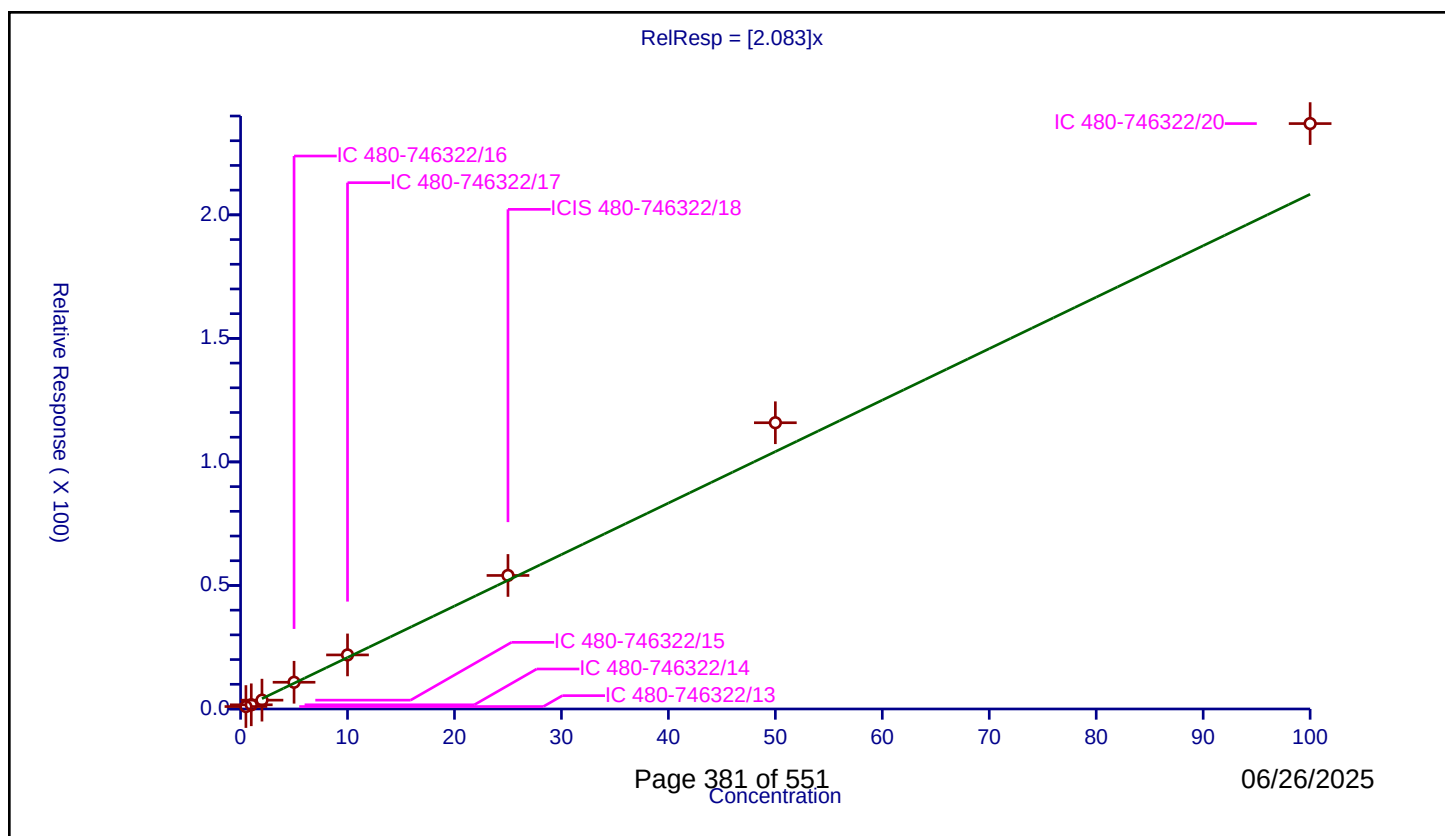
Curve Coefficients

Intercept: 0
Slope: 2.083

Error Coefficients

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.987745	25.0	429716.0	1.975491	Y
2	IC 480-746322/14	1.0	1.70279	25.0	418886.0	1.70279	Y
3	IC 480-746322/15	2.0	3.576405	25.0	407637.0	1.788202	Y
4	IC 480-746322/16	5.0	10.818446	25.0	409398.0	2.163689	Y
5	IC 480-746322/17	10.0	21.883359	25.0	430319.0	2.188336	Y
6	ICIS 480-746322/18	25.0	54.045819	25.0	428535.0	2.161833	Y
7	IC 480-746322/19	50.0	115.854367	25.0	431799.0	2.317087	Y
8	IC 480-746322/20	100.0	236.931825	25.0	446055.0	2.369318	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

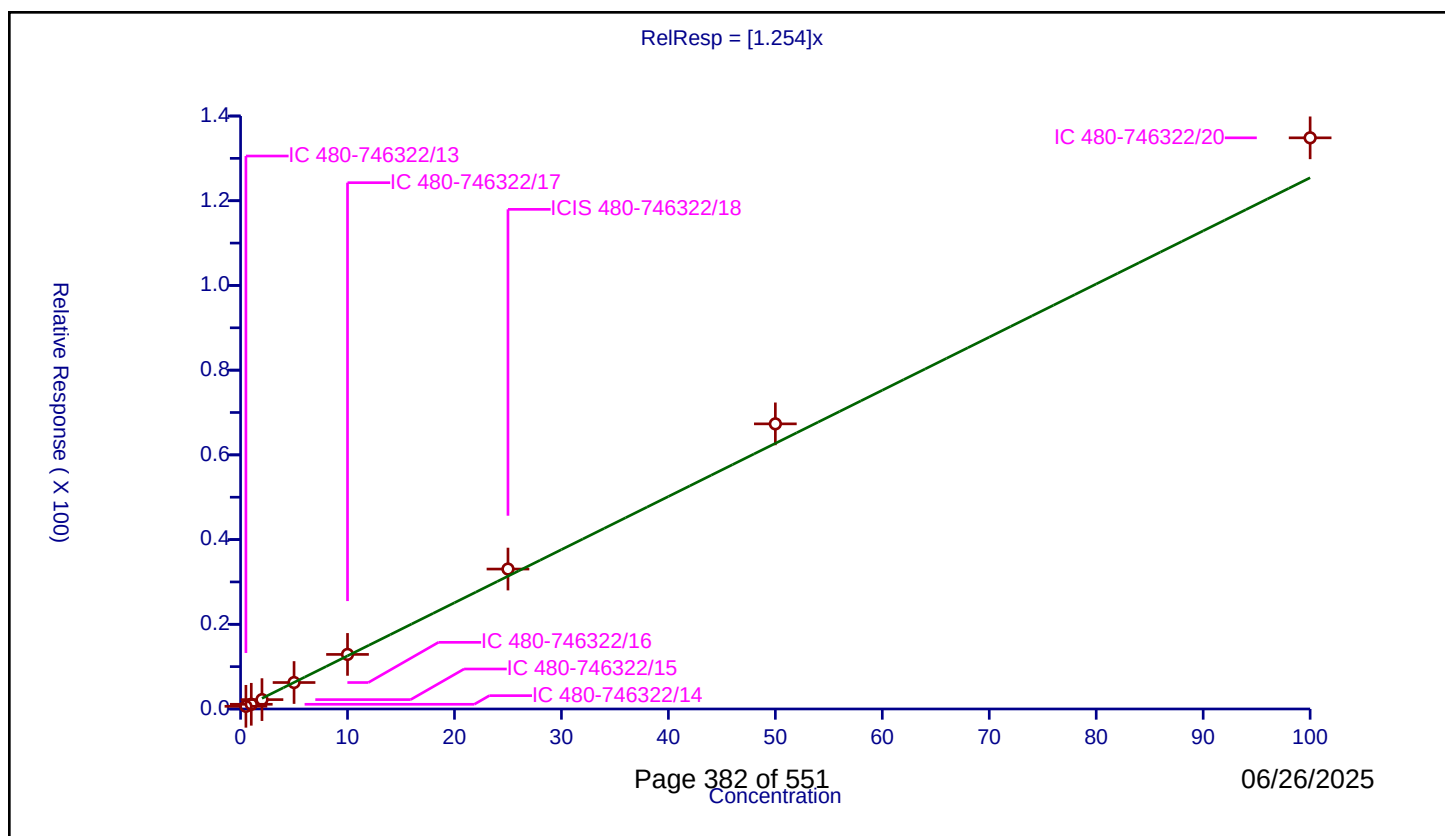
Curve Coefficients

Intercept: 0
Slope: 1.254

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.630649	25.0	429716.0	1.261298	Y
2	IC 480-746322/14	1.0	1.111818	25.0	418886.0	1.111818	Y
3	IC 480-746322/15	2.0	2.210729	25.0	407637.0	1.105365	Y
4	IC 480-746322/16	5.0	6.250397	25.0	409398.0	1.250079	Y
5	IC 480-746322/17	10.0	12.887416	25.0	430319.0	1.288742	Y
6	ICIS 480-746322/18	25.0	33.040942	25.0	428535.0	1.321638	Y
7	IC 480-746322/19	50.0	67.320443	25.0	431799.0	1.346409	Y
8	IC 480-746322/20	100.0	134.852597	25.0	446055.0	1.348526	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

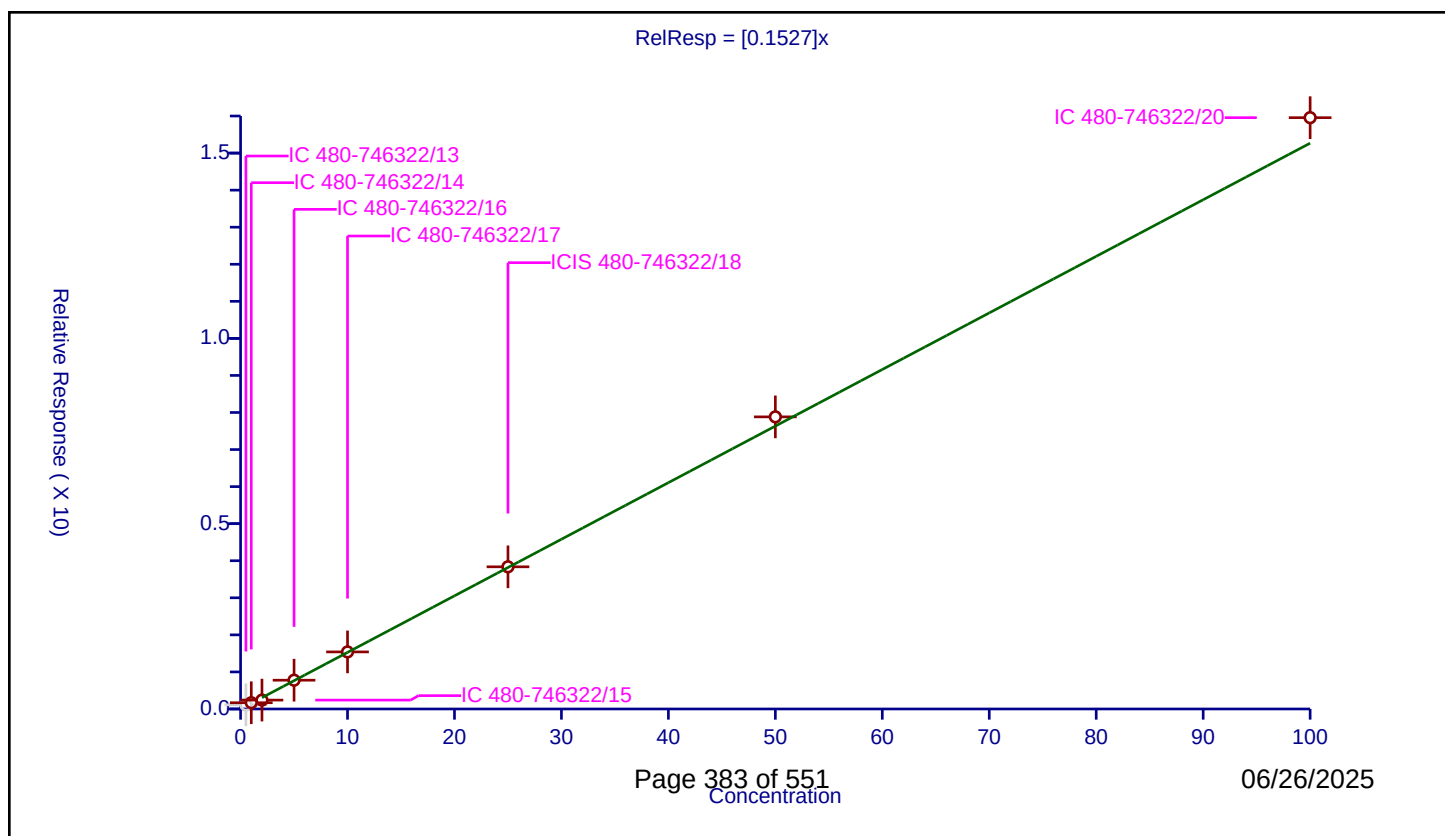
Curve Coefficients

Intercept: 0
Slope: 0.1527

Error Coefficients

Relative Standard Deviation: 10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.112749	25.0	429716.0	0.225498	N
2	IC 480-746322/14	1.0	0.168721	25.0	418886.0	0.168721	Y
3	IC 480-746322/15	2.0	0.239919	25.0	407637.0	0.11996	Y
4	IC 480-746322/16	5.0	0.77675	25.0	409398.0	0.15535	Y
5	IC 480-746322/17	10.0	1.540078	25.0	430319.0	0.154008	Y
6	ICIS 480-746322/18	25.0	3.836209	25.0	428535.0	0.153448	Y
7	IC 480-746322/19	50.0	7.882371	25.0	431799.0	0.157647	Y
8	IC 480-746322/20	100.0	15.955712	25.0	446055.0	0.159557	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

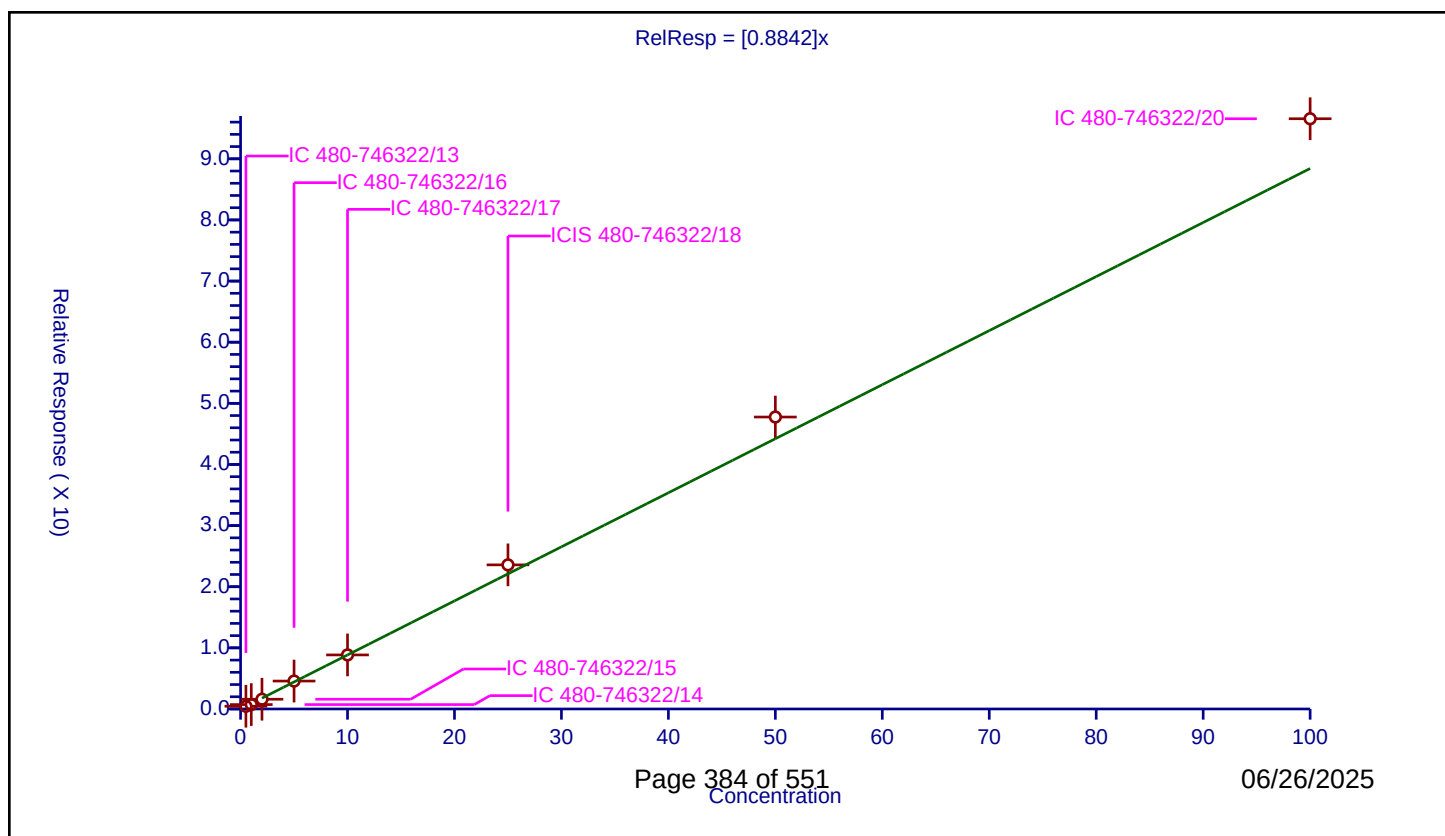
Curve Coefficients

Intercept: 0
 Slope: 0.8842

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.446399	25.0	429716.0	0.892799	Y
2	IC 480-746322/14	1.0	0.721795	25.0	418886.0	0.721795	Y
3	IC 480-746322/15	2.0	1.594556	25.0	407637.0	0.797278	Y
4	IC 480-746322/16	5.0	4.567316	25.0	409398.0	0.913463	Y
5	IC 480-746322/17	10.0	8.843091	25.0	430319.0	0.884309	Y
6	ICIS 480-746322/18	25.0	23.574212	25.0	428535.0	0.942968	Y
7	IC 480-746322/19	50.0	47.760822	25.0	431799.0	0.955216	Y
8	IC 480-746322/20	100.0	96.553676	25.0	446055.0	0.965537	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

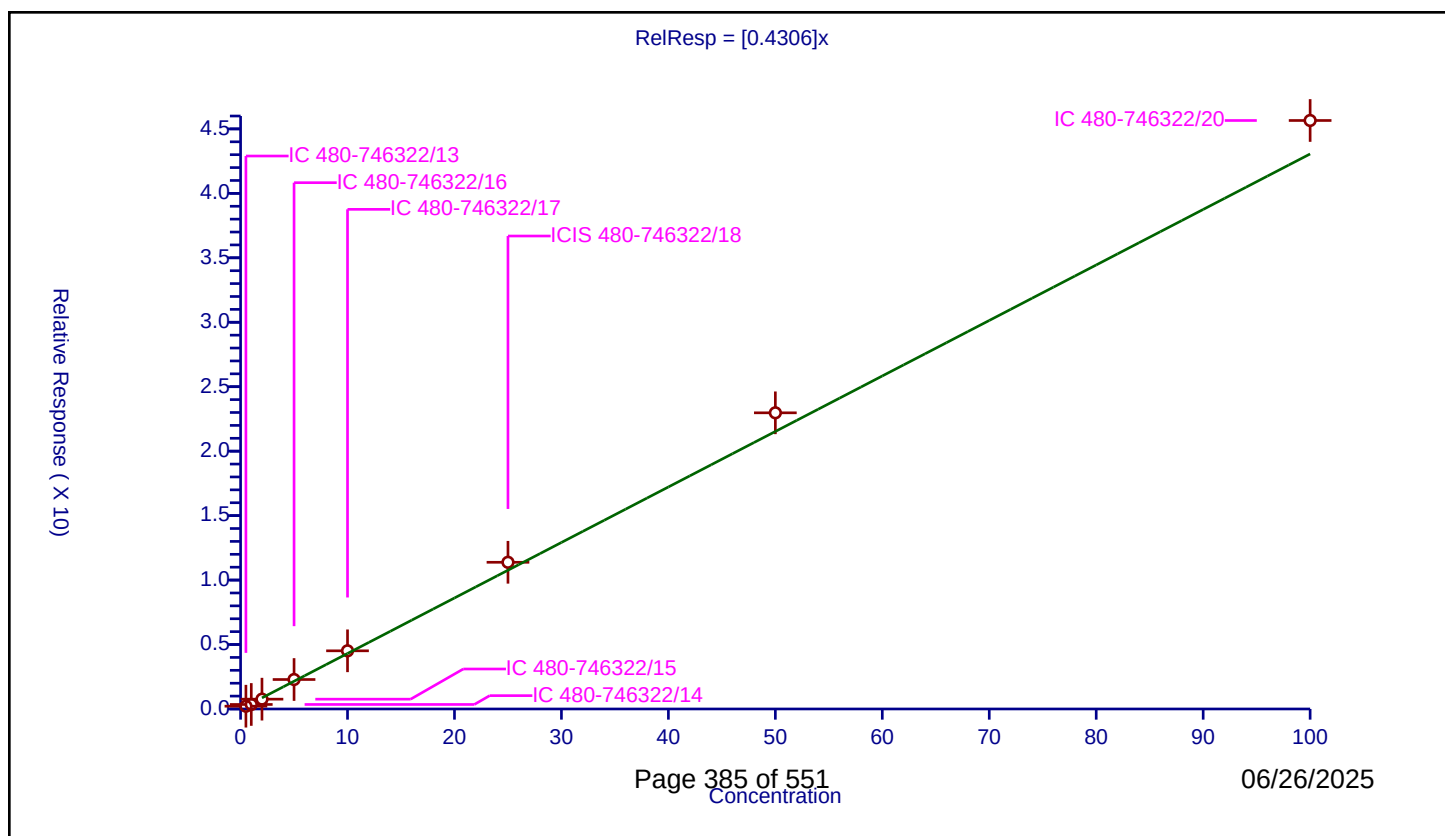
Curve Coefficients

Intercept: 0
Slope: 0.4306

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.216829	25.0	429716.0	0.433659	Y
2	IC 480-746322/14	1.0	0.350036	25.0	418886.0	0.350036	Y
3	IC 480-746322/15	2.0	0.761952	25.0	407637.0	0.380976	Y
4	IC 480-746322/16	5.0	2.28665	25.0	409398.0	0.45733	Y
5	IC 480-746322/17	10.0	4.512524	25.0	430319.0	0.451252	Y
6	ICIS 480-746322/18	25.0	11.380342	25.0	428535.0	0.455214	Y
7	IC 480-746322/19	50.0	22.976431	25.0	431799.0	0.459529	Y
8	IC 480-746322/20	100.0	45.65261	25.0	446055.0	0.456526	Y



Calibration

/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

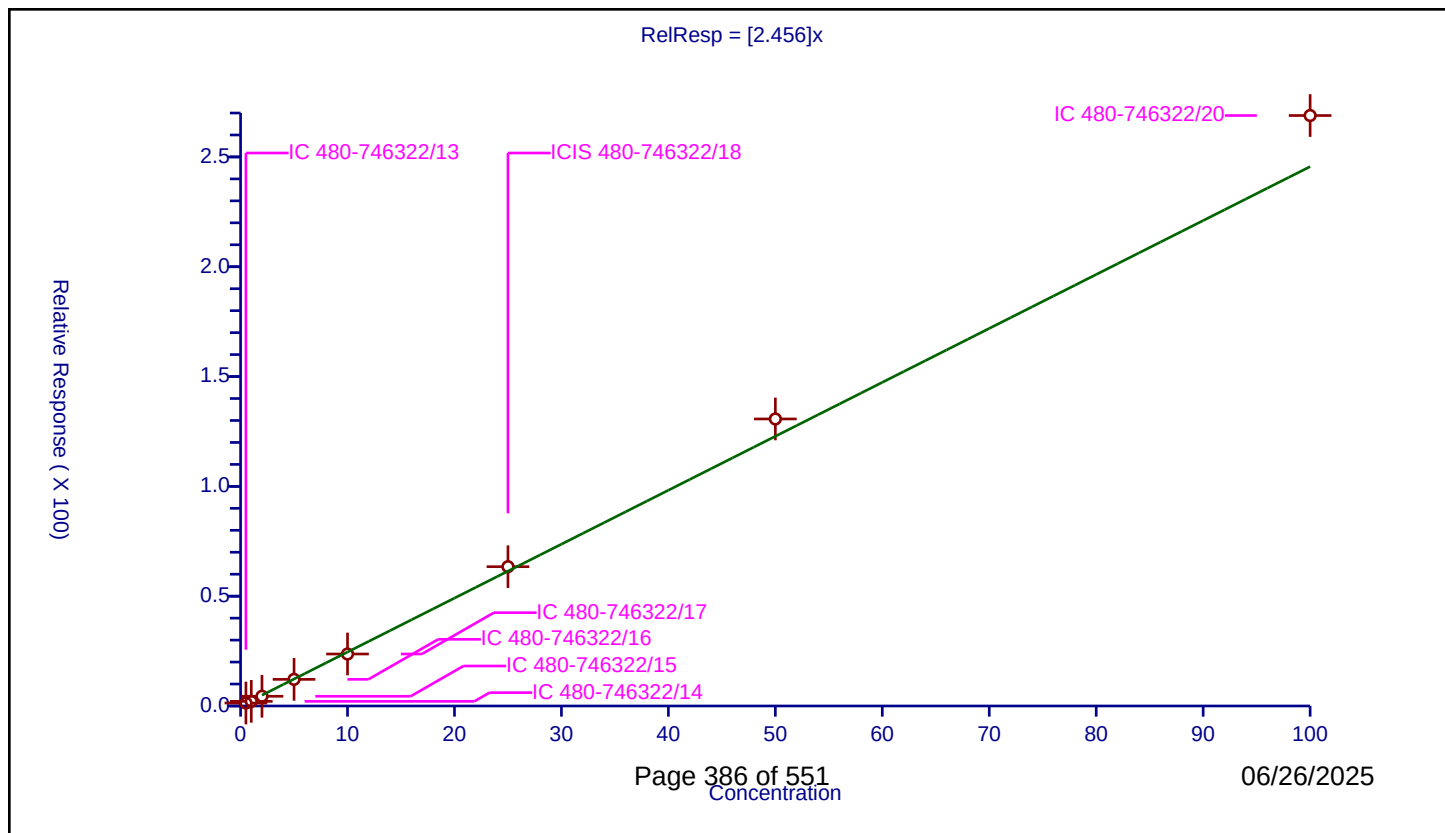
Curve Coefficients

Intercept: 0
 Slope: 2.456

Error Coefficients

Relative Standard Deviation: 8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	1.349554	25.0	429716.0	2.699108	Y
2	IC 480-746322/14	1.0	2.100751	25.0	418886.0	2.100751	Y
3	IC 480-746322/15	2.0	4.431271	25.0	407637.0	2.215635	Y
4	IC 480-746322/16	5.0	12.123838	25.0	409398.0	2.424768	Y
5	IC 480-746322/17	10.0	23.674414	25.0	430319.0	2.367441	Y
6	ICIS 480-746322/18	25.0	63.429767	25.0	428535.0	2.537191	Y
7	IC 480-746322/19	50.0	130.697616	25.0	431799.0	2.613952	Y
8	IC 480-746322/20	100.0	268.853673	25.0	446055.0	2.688537	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

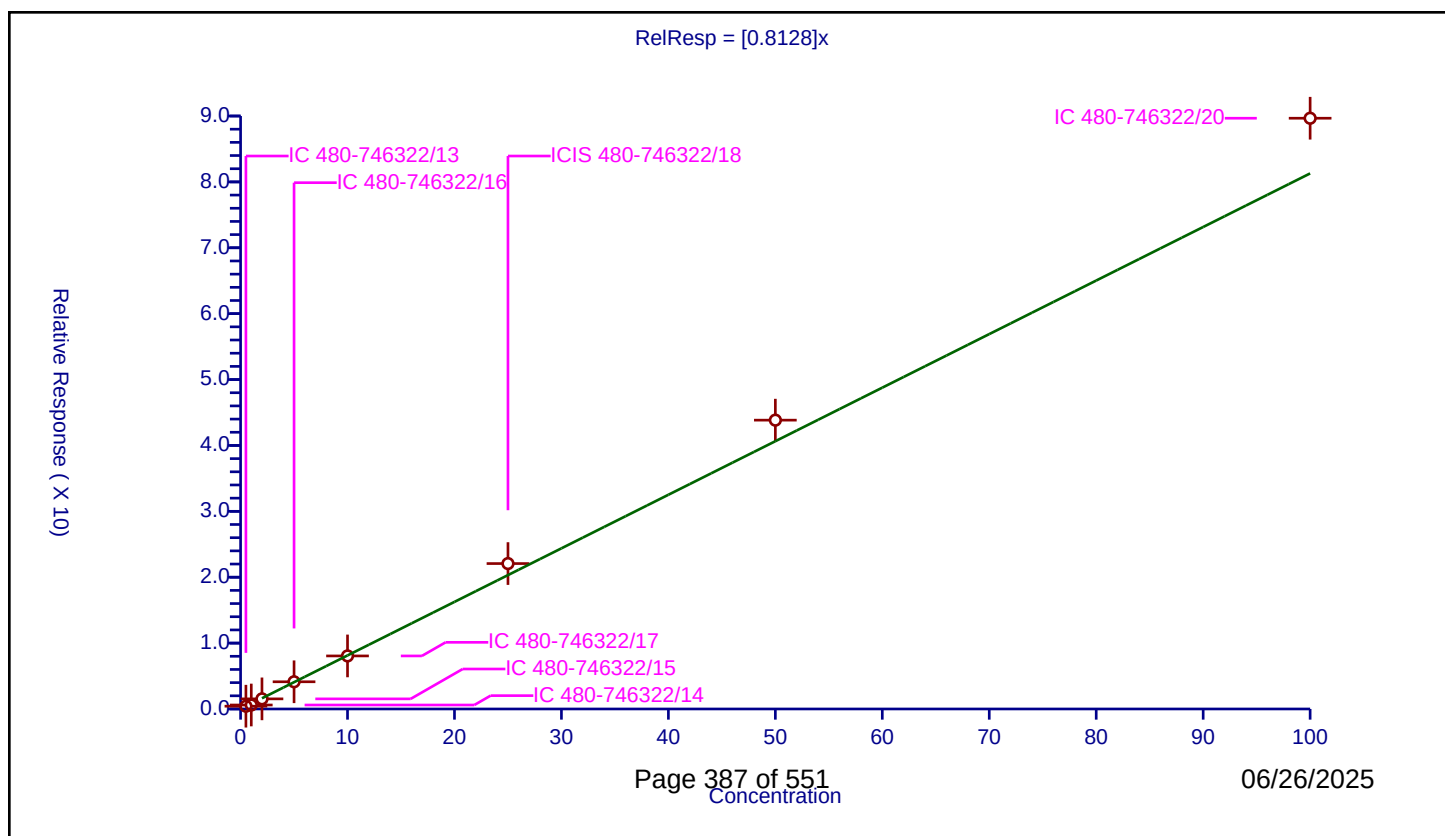
Curve Coefficients

Intercept: 0
Slope: 0.8128

Error Coefficients

Relative Standard Deviation: 11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-746322/13	0.5	0.420976	25.0	429716.0	0.841951	Y
2	IC 480-746322/14	1.0	0.604699	25.0	418886.0	0.604699	Y
3	IC 480-746322/15	2.0	1.537827	25.0	407637.0	0.768913	Y
4	IC 480-746322/16	5.0	4.128562	25.0	409398.0	0.825712	Y
5	IC 480-746322/17	10.0	8.052631	25.0	430319.0	0.805263	Y
6	ICIS 480-746322/18	25.0	22.070484	25.0	428535.0	0.882819	Y
7	IC 480-746322/19	50.0	43.840074	25.0	431799.0	0.876801	Y
8	IC 480-746322/20	100.0	89.662822	25.0	446055.0	0.896628	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: ICV 480-746322/34 Calibration Date: 05/17/2025 00:33

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S8299.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	1.757	1.765	0.1000	25.1	25.0	0.5	50.0
Chloromethane	Ave	1.907	1.871	0.1000	24.5	25.0	-1.9	30.0
Butadiene	Ave	1.682	1.715		25.5	25.0	1.9	30.0
Vinyl chloride	Ave	1.330	1.637	0.1000	30.8	25.0	23.1	30.0
Bromomethane	Ave	0.9241	0.9536	0.1000	25.8	25.0	3.2	50.0
Chloroethane	Ave	0.9521	0.9796	0.1000	25.7	25.0	2.9	50.0
Dichlorofluoromethane	Ave	2.226	2.298		25.8	25.0	3.2	30.0
Trichlorofluoromethane	Ave	1.760	2.067	0.1000	29.4	25.0	17.4	30.0
Ethyl ether	Ave	1.191	1.264		26.6	25.0	6.2	30.0
Acrolein	Ave	0.1818	0.1013		69.6	125	-44.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9725	1.111	0.1000	28.6	25.0	14.2	30.0
1,1-Dichloroethene	Ave	1.050	1.098	0.1000	26.2	25.0	4.6	30.0
Acetone	Ave	0.5808	0.5745	0.1000	124	125	-1.1	50.0
Iodomethane	Ave	1.949	2.109		27.1	25.0	8.2	30.0
Carbon disulfide	Ave	3.285	3.637	0.1000	27.7	25.0	10.7	30.0
Allyl chloride	Ave	2.454	2.431		24.8	25.0	-0.9	30.0
Methyl acetate	Ave	1.522	1.549	0.1000	50.9	50.0	1.8	50.0
Methylene Chloride	Lin1		1.315	0.1000	26.3	25.0	5.1	30.0
2-Methyl-2-propanol	Ave	0.2156	0.1992		231	250	-7.6	50.0
Methyl tert-butyl ether	Ave	4.031	4.389	0.1000	27.2	25.0	8.9	30.0
trans-1,2-Dichloroethene	Ave	1.209	1.297	0.1000	26.8	25.0	7.3	30.0
Acrylonitrile	Ave	0.6775	0.7259		268	250	7.2	30.0
Hexane	Ave	2.096	1.946		23.2	25.0	-7.1	30.0
1,1-Dichloroethane	Ave	2.150	2.439	0.2000	28.4	25.0	13.4	30.0
Vinyl acetate	Ave	3.088	2.372		38.4	50.0	-23.2	30.0
2,2-Dichloropropane	Ave	1.349	1.263		23.4	25.0	-6.4	30.0
cis-1,2-Dichloroethene	Ave	1.282	1.383	0.1000	27.0	25.0	7.9	30.0
2-Butanone (MEK)	Ave	0.9205	0.9210	0.1000	125	125	0.0	30.0
Chlorobromomethane	Ave	0.7492	0.7595		25.3	25.0	1.4	30.0
Tetrahydrofuran	Ave	0.6178	0.6250		50.6	50.0	1.2	30.0
Chloroform	Ave	2.114	2.287	0.2000	27.0	25.0	8.2	30.0
1,1,1-Trichloroethane	Ave	1.850	2.047	0.1000	27.7	25.0	10.7	30.0
Cyclohexane	Ave	2.453	2.512	0.1000	25.6	25.0	2.4	30.0
Carbon tetrachloride	Ave	1.652	1.836	0.1000	27.8	25.0	11.1	30.0
1,1-Dichloropropene	Ave	1.565	1.758		28.1	25.0	12.4	30.0
Benzene	Ave	4.613	5.205	0.5000	28.2	25.0	12.8	30.0
Isobutyl alcohol	Ave	0.0881	0.0927		657	625	5.2	50.0
1,2-Dichloroethane	Ave	1.819	2.004	0.1000	27.5	25.0	10.2	30.0
n-Heptane	Ave	2.168	2.147		24.8	25.0	-1.0	30.0
Trichloroethene	Ave	1.252	1.410	0.2000	28.2	25.0	12.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: ICV 480-746322/34 Calibration Date: 05/17/2025 00:33

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S8299.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
Methylcyclohexane	Ave	2.221	2.293	0.1000	25.8	25.0	3.2	30.0
1,2-Dichloropropane	Ave	1.227	1.327	0.1000	27.0	25.0	8.2	30.0
Dibromomethane	Ave	0.7869	0.8683	0.1000	27.6	25.0	10.3	30.0
1,4-Dioxane	Ave	0.0057	0.0057		506	500	1.3	50.0
Bromodichloromethane	Ave	1.613	1.762	0.2000	27.3	25.0	9.2	30.0
2-Chloroethyl vinyl ether	Ave	0.8733	1.037		29.7	25.0	18.8	30.0
cis-1,3-Dichloropropene	Ave	2.011	2.160	0.2000	26.8	25.0	7.4	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8717	0.9279	0.1000	133	125	6.4	30.0
Toluene	Ave	1.480	1.549	0.4000	26.2	25.0	4.6	30.0
trans-1,3-Dichloropropene	Ave	0.9187	0.9886	0.1000	26.9	25.0	7.6	30.0
Ethyl methacrylate	Ave	0.8796	0.8584		24.4	25.0	-2.4	30.0
1,1,2-Trichloroethane	Ave	0.4554	0.4724	0.1000	25.9	25.0	3.7	30.0
Tetrachloroethene	Ave	0.6619	0.7069	0.2000	26.7	25.0	6.8	30.0
1,3-Dichloropropane	Ave	0.9196	0.9944		27.0	25.0	8.1	30.0
2-Hexanone	Ave	0.5654	0.6062	0.1000	134	125	7.2	30.0
Dibromochloromethane	Ave	0.6518	0.6692	0.1000	25.7	25.0	2.7	30.0
1,2-Dibromoethane	Ave	0.5613	0.6023		26.8	25.0	7.3	30.0
Chlorobenzene	Ave	1.712	1.777	0.5000	26.0	25.0	3.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6245	0.6663		26.7	25.0	6.7	30.0
Ethylbenzene	Ave	2.760	2.973	0.1000	26.9	25.0	7.7	30.0
m,p-Xylene	Ave	1.128	1.165	0.1000	25.8	25.0	3.3	30.0
o-Xylene	Ave	1.094	1.132	0.3000	25.9	25.0	3.5	30.0
Styrene	Ave	1.801	1.918	0.3000	26.6	25.0	6.5	30.0
Bromoform	Ave	0.4672	0.4950	0.1000	26.5	25.0	5.9	50.0
Isopropylbenzene	Ave	2.377	2.790	0.1000	29.3	25.0	17.4	30.0
Bromobenzene	Ave	0.7068	0.7561		26.7	25.0	7.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7119	0.7166	0.3000	25.2	25.0	0.7	30.0
N-Propylbenzene	Ave	2.937	3.314		28.2	25.0	12.9	30.0
1,2,3-Trichloropropane	Ave	0.2623	0.2636		25.1	25.0	0.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3071	0.2998		24.4	25.0	-2.3	50.0
2-Chlorotoluene	Ave	0.6615	0.6774		25.6	25.0	2.4	30.0
1,3,5-Trimethylbenzene	Ave	2.143	2.308		26.9	25.0	7.7	30.0
4-Chlorotoluene	Ave	0.7083	0.7193		25.4	25.0	1.6	30.0
tert-Butylbenzene	Ave	0.5103	0.5433		26.6	25.0	6.5	30.0
1,2,4-Trimethylbenzene	Ave	2.247	2.369		26.4	25.0	5.4	30.0
sec-Butylbenzene	Ave	2.680	2.939		27.4	25.0	9.7	30.0
1,3-Dichlorobenzene	Ave	1.309	1.407	0.6000	26.9	25.0	7.5	30.0
4-Isopropyltoluene	Ave	2.438	2.555		26.2	25.0	4.8	30.0
1,4-Dichlorobenzene	Ave	1.369	1.446	0.5000	26.4	25.0	5.6	30.0
n-Butylbenzene	Ave	2.083	2.227		26.7	25.0	6.9	30.0
1,2-Dichlorobenzene	Ave	1.254	1.335	0.4000	26.6	25.0	6.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Lab Sample ID: ICV 480-746322/34 Calibration Date: 05/17/2025 00:33
 Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10
 Lab File ID: S8299.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1527	0.1535	0.0500	25.1	25.0	0.6	50.0
1,2,4-Trichlorobenzene	Ave	0.8842	0.9455	0.2000	26.7	25.0	6.9	30.0
Hexachlorobutadiene	Ave	0.4306	0.4422		25.7	25.0	2.7	30.0
Naphthalene	Ave	2.456	2.553		26.0	25.0	4.0	30.0
1,2,3-Trichlorobenzene	Ave	0.8128	0.8431		25.9	25.0	3.7	30.0
Dibromofluoromethane (Surr)	Ave	1.368	1.405		25.7	25.0	2.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8531	0.8998		26.4	25.0	5.5	30.0
Toluene-d8 (Surr)	Ave	2.489	2.520		25.3	25.0	1.2	30.0
4-Bromofluorobenzene (Surr)	Ave	0.8696	0.8506		24.5	25.0	-2.2	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8299.d
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 17-May-2025 00:33:30 ALS Bottle#: 34 Worklist Smp#: 34
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 480-0123611-034
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist:
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:37:04 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 19-May-2025 11:19:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	179755	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.608	0.006	85	396526	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	72	419138	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	65	252538	25.0	25.7	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	57	161740	25.0	26.4	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	67	999188	25.0	25.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	91	337286	25.0	24.5	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	87	317327	25.0	25.1	
12 Chloromethane	50	1.092	1.099	-0.007	89	336341	25.0	24.5	
151 Butadiene	54	1.166	1.172	-0.006	95	308245	25.0	25.5	
13 Vinyl chloride	62	1.166	1.172	-0.006	64	294272	25.0	30.8	
14 Bromomethane	94	1.391	1.391	0.000	90	171421	25.0	25.8	
15 Chloroethane	64	1.451	1.452	-0.001	94	176091	25.0	25.7	
16 Dichlorofluoromethane	67	1.622	1.628	-0.006	82	413004	25.0	25.8	
17 Trichlorofluoromethane	101	1.634	1.634	0.000	63	371528	25.0	29.4	
18 Ethyl ether	59	1.847	1.847	0.000	96	227294	25.0	26.6	
20 Acrolein	56	2.005	2.005	0.000	93	91042	125.0	69.6	M
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.029	2.036	-0.007	60	199696	25.0	28.6	
22 1,1-Dichloroethene	96	2.035	2.036	-0.001	88	197399	25.0	26.2	
23 Acetone	43	2.151	2.151	0.000	98	516368	125.0	123.6	M
25 Iodomethane	142	2.175	2.175	0.000	98	379047	25.0	27.1	
26 Carbon disulfide	76	2.206	2.206	0.000	99	653795	25.0	27.7	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	87	436951	25.0	24.8	
27 Methyl acetate	43	2.419	2.425	0.000	99	556951	50.0	50.9	
30 Methylene Chloride	84	2.504	2.504	0.000	93	236315	25.0	26.3	
31 2-Methyl-2-propanol	59	2.686	2.687	0.000	82	358138	250.0	231.0	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	93	788904	25.0	27.2	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	78	233162	25.0	26.8	
33 Acrylonitrile	53	2.778	2.778	0.000	97	1304877	250.0	267.9	
35 Hexane	57	2.899	2.905	0.000	96	349868	25.0	23.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	86	438422	25.0	28.4	
37 Vinyl acetate	43	3.179	3.185	0.000	96	852865	50.0	38.4	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	92	226955	25.0	23.4	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	67	248638	25.0	27.0	
43 2-Butanone (MEK)	43	3.690	3.702	0.000	98	827772	125.0	125.1	
48 Chlorobromomethane	128	3.873	3.873	0.000	92	136530	25.0	25.3	
49 Tetrahydrofuran	42	3.885	3.891	-0.006	89	224705	50.0	50.6	
50 Chloroform	83	3.958	3.964	0.000	82	411152	25.0	27.0	
52 Cyclohexane	56	4.049	4.043	0.000	94	451489	25.0	25.6	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	83	367960	25.0	27.7	
55 Carbon tetrachloride	117	4.183	4.183	0.000	79	329989	25.0	27.8	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	88	316075	25.0	28.1	
57 Benzene	78	4.396	4.396	0.000	97	935567	25.0	28.2	
53 Isobutyl alcohol	43	4.463	4.463	0.000	72	416378	625.0	657.3	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	76	360305	25.0	27.5	
59 n-Heptane	43	4.591	4.591	0.000	97	385893	25.0	24.8	
62 Trichloroethene	95	5.004	5.004	0.000	89	253465	25.0	28.2	
64 Methylcyclohexane	83	5.108	5.102	0.000	94	412157	25.0	25.8	
65 1,2-Dichloropropane	63	5.235	5.236	-0.001	89	238607	25.0	27.0	
67 Dibromomethane	93	5.369	5.375	-0.006	86	156078	25.0	27.6	
66 1,4-Dioxane	88	5.388	5.406	-0.006	56	45389	500.0	506.3	
68 Dichlorobromomethane	83	5.534	5.540	0.000	87	316748	25.0	27.3	
69 2-Chloroethyl vinyl ether	63	5.826	5.826	0.000	92	186425	25.0	29.7	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	84	388209	25.0	26.8	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1839586	125.0	133.1	
74 Toluene	92	6.215	6.215	0.000	87	614050	25.0	26.2	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	99	392010	25.0	26.9	
75 Ethyl methacrylate	69	6.574	6.592	0.000	75	340391	25.0	24.4	
79 1,1,2-Trichloroethane	83	6.695	6.702	-0.001	93	187300	25.0	25.9	
81 Tetrachloroethene	166	6.732	6.732	0.000	85	280304	25.0	26.7	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	97	394323	25.0	27.0	
80 2-Hexanone	43	6.933	6.933	0.000	98	1201897	125.0	134.0	
83 Chlorodibromomethane	129	7.079	7.079	0.000	86	265365	25.0	25.7	
84 Ethylene Dibromide	107	7.164	7.164	0.000	97	238824	25.0	26.8	
87 Chlorobenzene	112	7.638	7.639	-0.001	92	704746	25.0	26.0	
88 Ethylbenzene	91	7.742	7.742	0.000	98	1178875	25.0	26.9	
89 1,1,1,2-Tetrachloroethane	131	7.742	7.748	-0.006	39	264192	25.0	26.7	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	98	462064	25.0	25.8	
91 o-Xylene	106	8.283	8.283	0.000	98	448973	25.0	25.9	
92 Styrene	104	8.314	8.314	0.000	89	760705	25.0	26.6	
95 Bromoform	173	8.551	8.551	0.000	96	196285	25.0	26.5	
94 Isopropylbenzene	105	8.667	8.667	0.000	96	1169355	25.0	29.3	
101 Bromobenzene	156	9.001	9.001	0.000	94	316894	25.0	26.7	
97 1,1,2,2-Tetrachloroethane	83	9.098	9.105	-0.007	59	300364	25.0	25.2	
99 N-Propylbenzene	91	9.111	9.111	0.000	98	1389217	25.0	28.2	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	64	110481	25.0	25.1	
98 trans-1,4-Dichloro-2-butene	53	9.147	9.147	0.000	75	125674	25.0	24.4	
103 2-Chlorotoluene	126	9.208	9.208	0.000	94	283944	25.0	25.6	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	94	967336	25.0	26.9	
105 4-Chlorotoluene	126	9.330	9.330	0.000	98	301489	25.0	25.4	
106 tert-Butylbenzene	134	9.640	9.640	0.000	91	227733	25.0	26.6	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	61	992893	25.0	26.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	94	1231828	25.0	27.4	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	589597	25.0	26.9	
110 4-Isopropyltoluene	119	10.017	10.023	-0.006	95	1071056	25.0	26.2	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	95	606198	25.0	26.4	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	933507	25.0	26.7	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	97	559403	25.0	26.6	
117 1,2-Dibromo-3-Chloropropane	75	11.209	11.210	-0.001	82	64356	25.0	25.1	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	94	396308	25.0	26.7	
120 Hexachlorobutadiene	225	12.013	12.013	-0.001	95	185327	25.0	25.7	
121 Naphthalene	128	12.104	12.104	0.000	97	1070188	25.0	26.0	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	94	353377	25.0	25.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SS GAS CORP_00630

Amount Added: 12.50

Units: uL

SS 8260 CORP_00120

Amount Added: 12.50

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8299.d

Injection Date: 17-May-2025 00:33:30

Instrument ID: HP5973S

Lims ID: ICV

Operator ID: AG/LH

Client ID:

Worklist Smp#: 34

Purge Vol: 5.000 mL

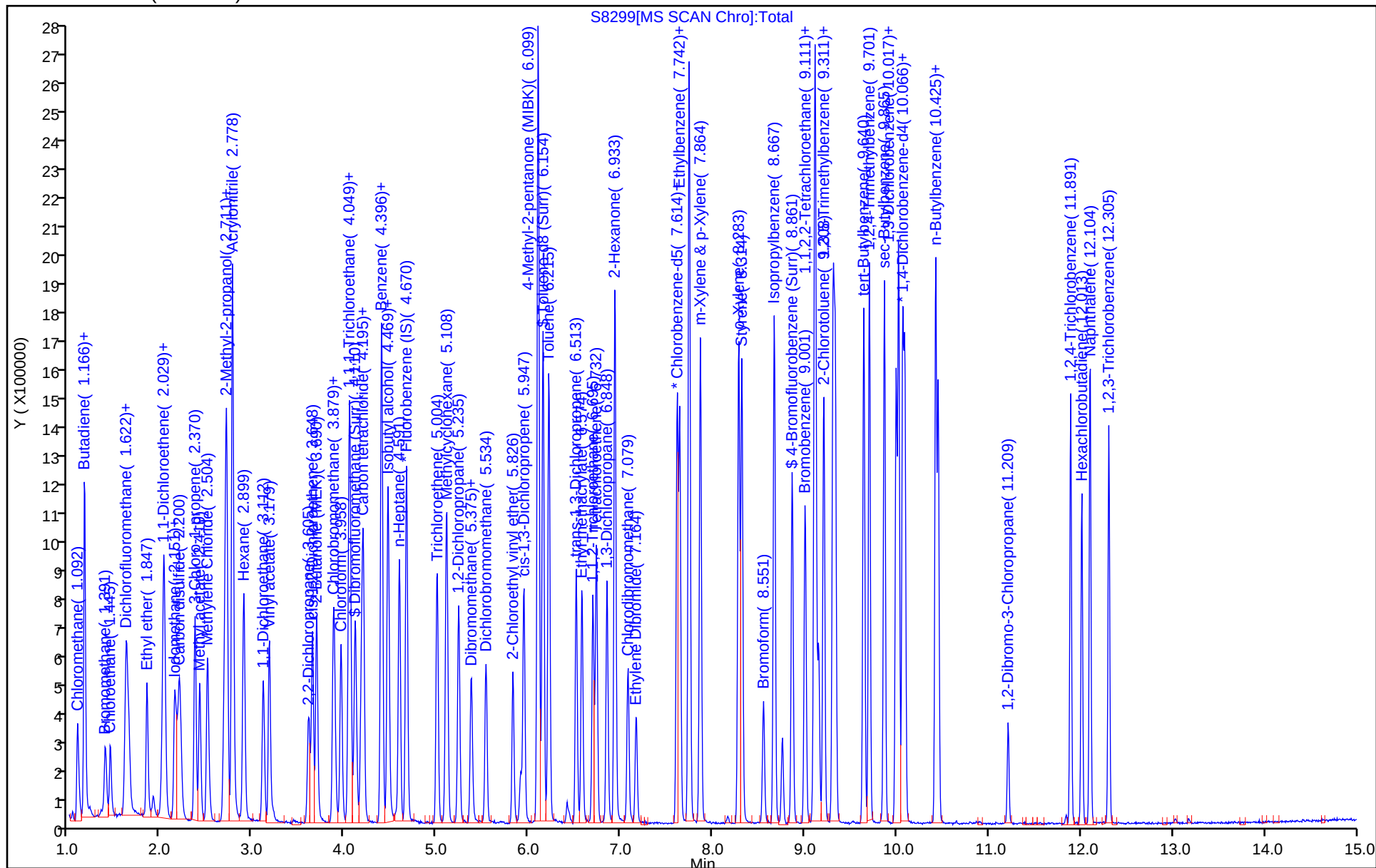
Dil. Factor: 1.0000

ALS Bottle#: 34

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8299.d

Injection Date: 17-May-2025 00:33:30

Instrument ID: HP5973S

Lims ID: ICV

Client ID:

Operator ID: AG/LH

ALS Bottle#:

34

Worklist Smp#: 34

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

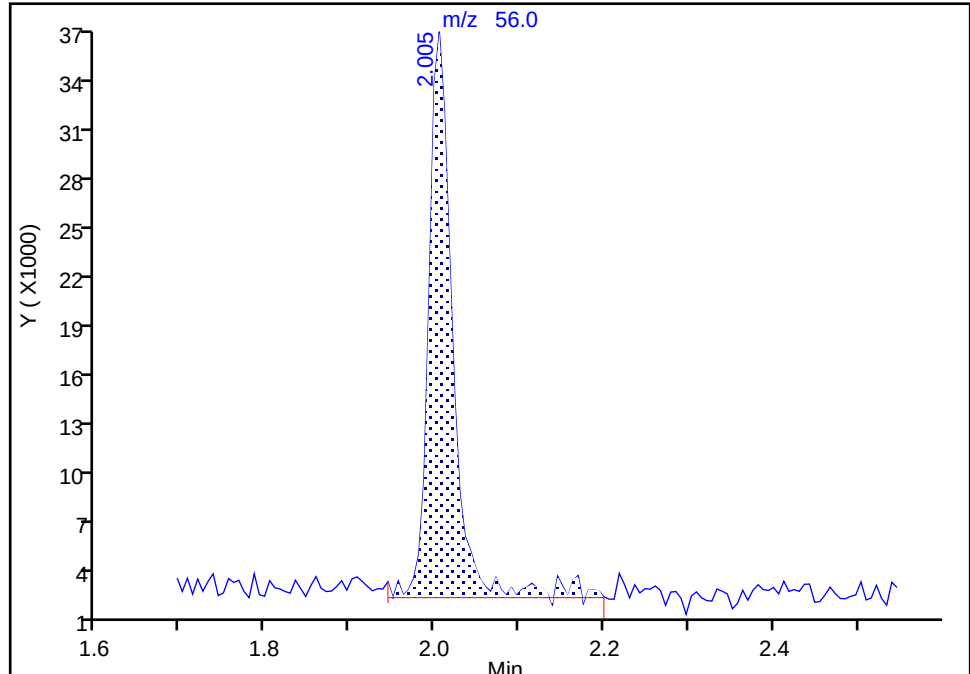
Detector: MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

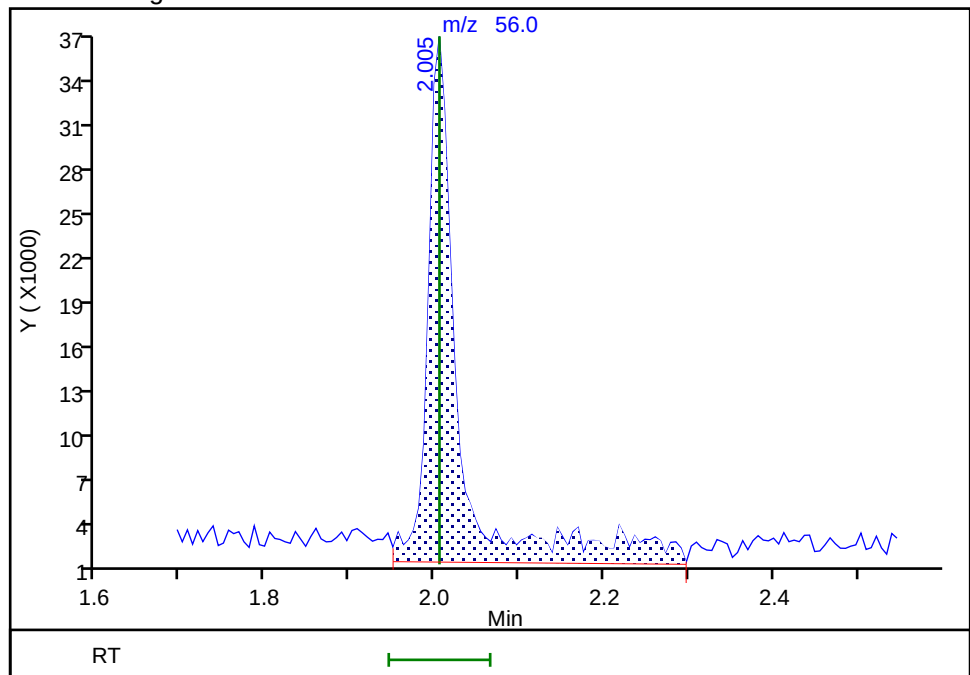
RT: 2.01
Area: 66905
Amount: 51.170372
Amount Units: ug/L

Processing Integration Results



RT: 2.01
Area: 91042
Amount: 69.630864
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 11:18:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8299.d

Injection Date: 17-May-2025 00:33:30

Instrument ID: HP5973S

Lims ID: ICV

Client ID:

Operator ID: AG/LH

ALS Bottle#:

34

Worklist Smp#: 34

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

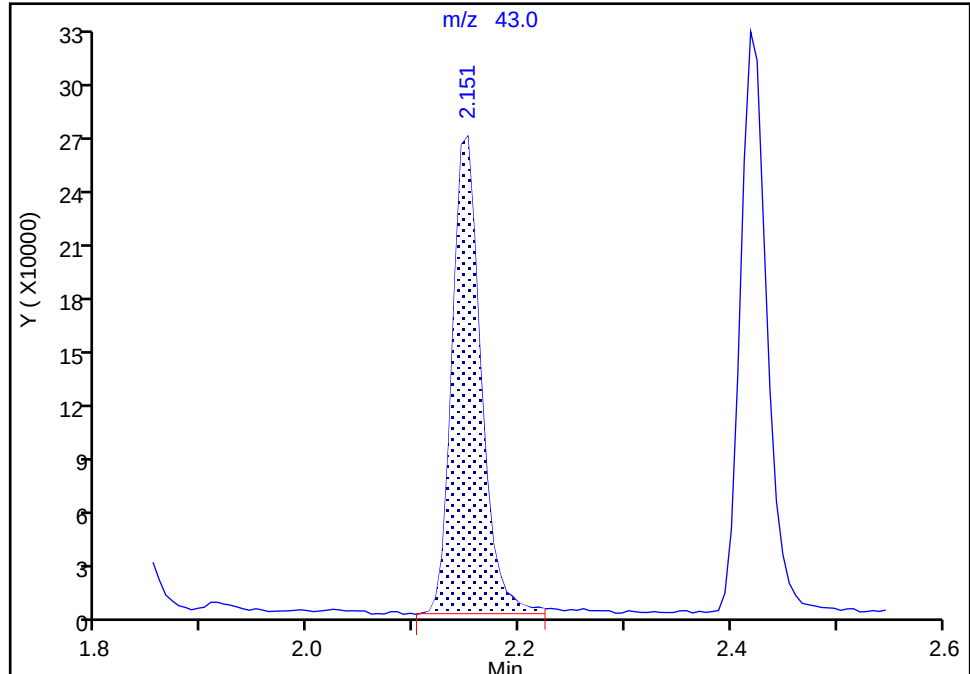
Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

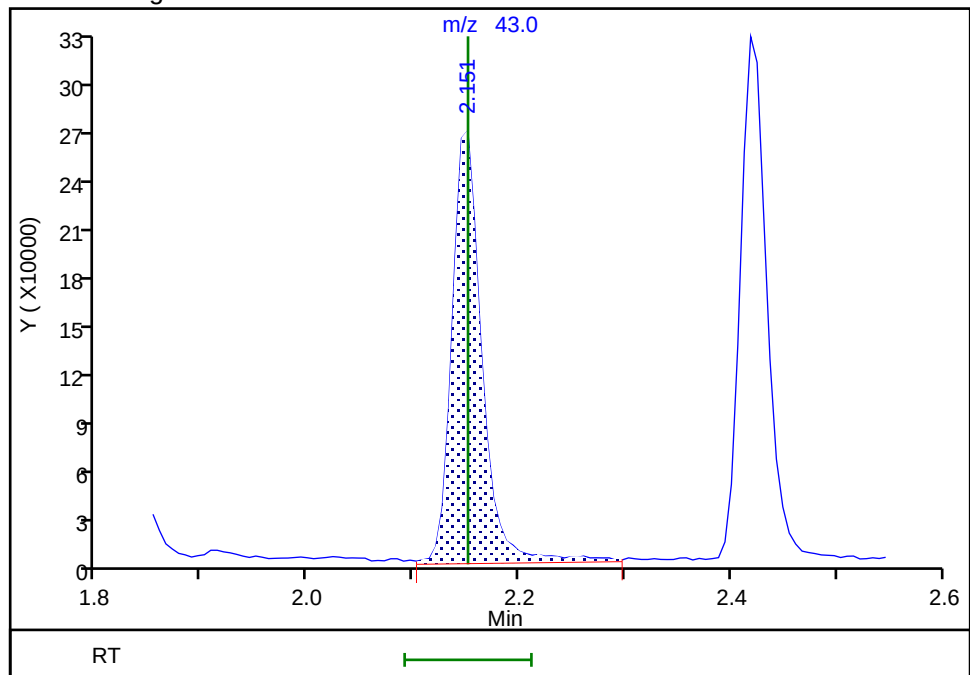
RT: 2.15
Area: 494415
Amount: 118.3899
Amount Units: ug/L

Processing Integration Results



RT: 2.15
Area: 516368
Amount: 123.6467
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 11:19:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
SDG No.: _____
Lab Sample ID: ICV 480-746322/35 Calibration Date: 05/17/2025 00:57
Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27
GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10
Lab File ID: S8300.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
Dibromofluoromethane (Surr)	Ave	1.368	1.349		24.7	25.0	-1.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8531	0.8909		26.1	25.0	4.4	30.0
Toluene-d8 (Surr)	Ave	2.489	2.499		25.1	25.0	0.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.8696	0.8602		24.7	25.0	-1.1	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8300.d
 Lims ID: ICV ADD
 Client ID:
 Sample Type: ICV
 Inject. Date: 17-May-2025 00:57:30 ALS Bottle#: 35 Worklist Smp#: 35
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV ADD
 Misc. Info.: 480-0123611-035
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist:
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:37:04 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 19-May-2025 11:22:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	99	189455	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.608	0.006	84	383633	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	94	426423	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	66	255557	25.0	24.7	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	61	168781	25.0	26.1	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	84	958795	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	92	329996	25.0	24.7	
11 Chlorodifluoromethane	51	0.983	0.977	0.006	80	317711	25.0	26.4	
148 Ethanol	45	1.865	1.865	0.006	99	105034	1000.0	950.8	M
19 Propene oxide	58	1.926	1.920	0.006	95	361438	NC	NC	
24 Isopropyl alcohol	45	2.327	2.327	-0.001	98	217482	250.0	241.7	
29 Acetonitrile	40	2.431	2.437	0.000	99	219349	250.0	228.7	
36 Isopropyl ether	45	3.136	3.137	-0.001	95	914583	25.0	24.6	
40 2-Chloro-1,3-butadiene	53	3.167	3.167	0.000	91	418886	25.0	25.1	
38 1,1-Dimethoxyethane	75	3.209	3.204	0.005	64	321898	125.0	128.9	
41 Tert-butyl ethyl ether	59	3.465	3.459	0.006	98	870117	25.0	23.8	
42 Ethyl acetate	43	3.733	3.733	0.000	100	678261	50.0	52.0	
46 Propionitrile	54	3.794	3.794	0.000	97	499239	250.0	246.6	
47 Methacrylonitrile	41	3.897	3.897	0.000	97	2342484	250.0	253.8	
152 Isooctane	57	4.402	4.402	0.000	97	843245	25.0	24.3	
56 Tert-amyl methyl ether	73	4.493	4.487	0.006	91	974653	25.0	25.2	
147 t-Amyl alcohol	59	4.511	4.512	-0.001	70	353006	250.0	240.8	
1 1,4-Difluorobenzene	114	4.791	4.791	0.000	94	734267	25.0	25.0	
60 n-Butanol	56	5.077	5.095	0.000	90	226803	625.0	589.2	
142 Ethyl acrylate	55	5.156	5.162	0.006	90	384247	25.0	26.7	
63 Methyl methacrylate	41	5.363	5.363	0.000	91	589387	50.0	46.5	
70 2-Nitropropane	43	5.789	5.789	0.000	96	234777	50.0	48.6	
71 Epichlorohydrin	57	5.911	5.905	0.006	98	332317	250.0	234.6	
155 n-Butyl acetate	43	7.054	7.055	-0.001	97	497723	25.0	26.5	
146 1-Chlorohexane	55	7.614	7.614	0.000	66	244846	25.0	23.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
85 3-Chlorobenzotrifluoride	180	7.644	7.645	-0.001	92	393613	25.0	25.0	
86 4-Chlorobenzotrifluoride	180	7.705	7.705	0.000	95	367908	25.0	24.9	
93 2-Chlorobenzotrifluoride	180	8.606	8.606	0.000	98	409186	25.0	25.7	
96 Cyclohexanone	55	8.831	8.843	0.000	94	116466	250.0	221.5	
104 3-Chlorotoluene	126	9.281	9.281	0.000	96	297000	25.0	23.7	
108 Pentachloroethane	167	9.695	9.707	0.000	81	42398	25.0	29.8	
114 Dicyclopentadiene	66	10.054	10.054	0.000	96	1149282	25.0	23.0	
112 1,2,3-Trimethylbenzene	105	10.127	10.127	0.000	72	1031271	25.0	25.1	
150 Benzyl chloride	126	10.248	10.248	0.000	98	135856	25.0	23.4	
118 1,3,5-Trichlorobenzene	180	11.343	11.343	0.000	97	435425	25.0	25.7	
149 2-Methylnaphthalene	142	13.022	13.023	-0.001	88	567438	25.0	23.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SS ADD CORP_00099

Amount Added: 12.50

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8300.d

Injection Date: 17-May-2025 00:57:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: ICV ADD

Worklist Smp#: 35

Client ID:

Purge Vol: 5.000 mL

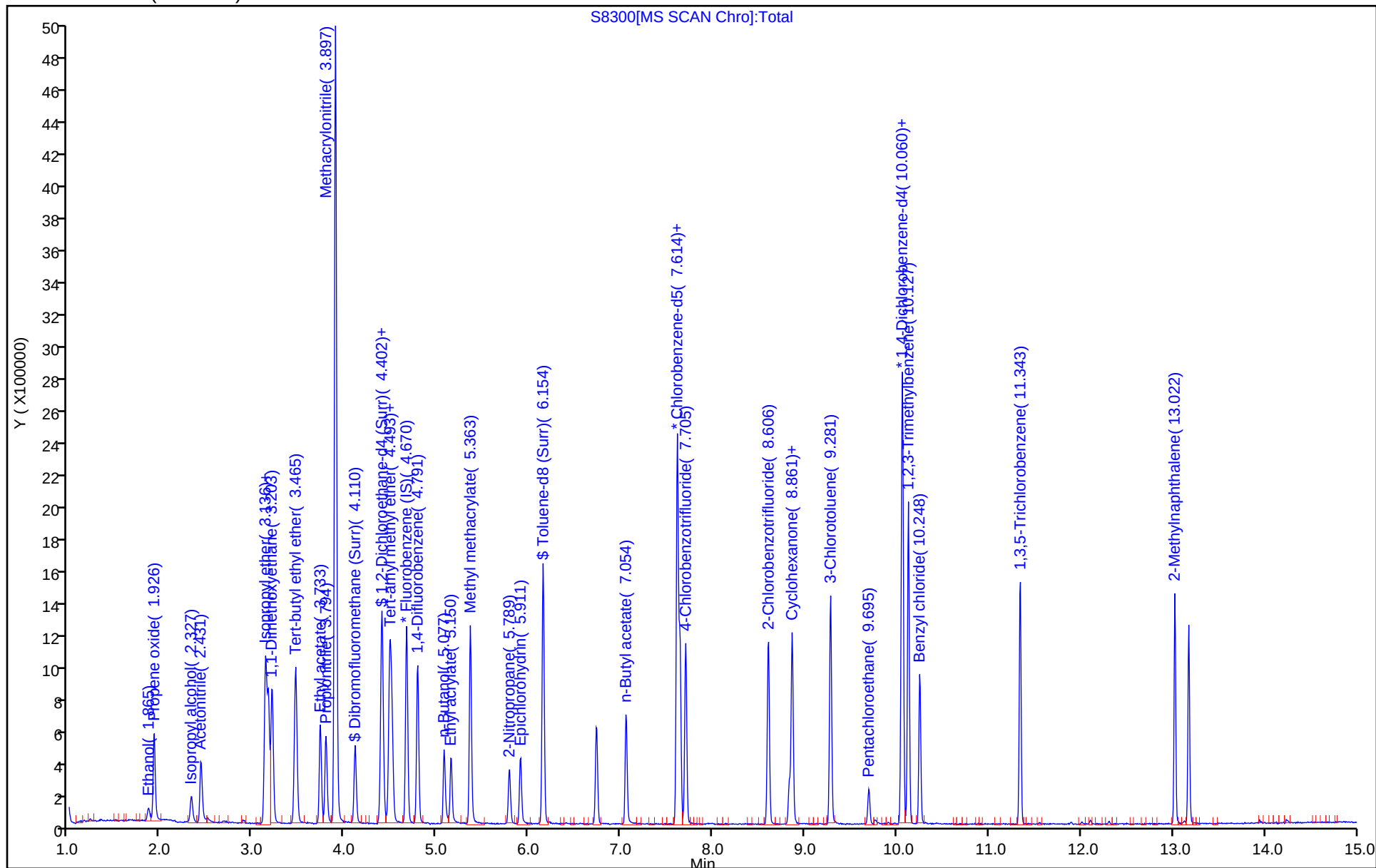
Dil. Factor: 1.0000

ALS Bottle#: 35

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: ICV 480-746322/35 Calibration Date: 05/17/2025 00:57

Instrument ID: HP5973S Calib Start Date: 05/16/2025 21:05

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 23:24

Lab File ID: S8300.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
Chlorodifluoromethane	Ave	1.587	1.677		26.4	25.0	5.7	30.0
Ethanol	Ave	0.0146	0.0139		951	1000	-4.9	30.0
Isopropyl alcohol	Ave	0.1187	0.1148		242	250	-3.3	30.0
Acetonitrile	Ave	0.1266	0.1158		229	250	-8.5	30.0
Isopropyl ether	Ave	4.907	4.827		24.6	25.0	-1.6	30.0
Chloroprene	Ave	2.200	2.211		25.1	25.0	0.5	30.0
1,1-Dimethoxyethane	Ave	0.3296	0.3398		129	125	3.1	30.0
Tert-butyl ethyl ether	Ave	4.818	4.593		23.8	25.0	-4.7	30.0
Ethyl acetate	Ave	1.722	1.790		52.0	50.0	3.9	30.0
Propionitrile	Ave	0.2671	0.2635		247	250	-1.4	30.0
Methacrylonitrile	Ave	1.218	1.236		254	250	1.5	30.0
Isooctane	Ave	4.572	4.451		24.3	25.0	-2.6	30.0
Tert-amyl methyl ether	Ave	5.106	5.145		25.2	25.0	0.7	30.0
t-Amyl alcohol	Ave	0.1935	0.1863		241	250	-3.7	30.0
1,4-Difluorobenzene	Ave	3.872	3.876		25.0	25.0	0.0	30.0
n-Butanol	Ave	0.0508	0.0479		589	625	-5.7	30.0
Ethyl acrylate	Ave	1.900	2.028		26.7	25.0	6.8	30.0
Methyl methacrylate	Ave	1.673	1.555		46.5	50.0	-7.0	30.0
2-Nitropropane	Ave	0.2832	0.2753		48.6	50.0	-2.8	30.0
Epichlorohydrin	Ave	0.1869	0.1754		235	250	-6.2	30.0
n-Butyl acetate	Ave	2.481	2.627	0.1000	26.5	25.0	5.9	30.0
1-Chlorohexane	Lin1		0.6382		23.1	25.0	-7.5	30.0
3-Chlorobenzotrifluoride	Ave	0.9217	0.9231		25.0	25.0	0.2	30.0
4-Chlorobenzotrifluoride	Ave	0.8658	0.8628		24.9	25.0	-0.4	30.0
2-Chlorobenzotrifluoride	Ave	0.9337	0.9596		25.7	25.0	2.8	30.0
Cyclohexanone	Ave	0.0308	0.0273		221	250	-11.4	30.0
3-Chlorotoluene	Ave	0.7339	0.6965		23.7	25.0	-5.1	30.0
Pentachloroethane	Ave	0.0835	0.0994		29.8	25.0	19.1	30.0
Dicyclopentadiene	Ave	2.929	2.695		23.0	25.0	-8.0	30.0
1,2,3-Trimethylbenzene	Ave	2.410	2.418		25.1	25.0	0.3	30.0
Benzyl chloride	Ave	0.3784	0.3541		23.4	25.0	-6.4	30.0
1,3,5-Trichlorobenzene	Ave	0.995	1.021		25.7	25.0	2.6	30.0
2-Methylnaphthalene	Ave	1.390	1.331		23.9	25.0	-4.3	30.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8300.d
 Lims ID: ICV ADD
 Client ID:
 Sample Type: ICV
 Inject. Date: 17-May-2025 00:57:30 ALS Bottle#: 35 Worklist Smp#: 35
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV ADD
 Misc. Info.: 480-0123611-035
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist:
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 19-May-2025 11:37:04 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: WLL8

Date: 19-May-2025 11:22:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	99	189455	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.608	0.006	84	383633	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	94	426423	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	66	255557	25.0	24.7	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	61	168781	25.0	26.1	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	84	958795	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	92	329996	25.0	24.7	
11 Chlorodifluoromethane	51	0.983	0.977	0.006	80	317711	25.0	26.4	
148 Ethanol	45	1.865	1.865	0.006	99	105034	1000.0	950.8	M
19 Propene oxide	58	1.926	1.920	0.006	95	361438	NC	NC	
24 Isopropyl alcohol	45	2.327	2.327	-0.001	98	217482	250.0	241.7	
29 Acetonitrile	40	2.431	2.437	0.000	99	219349	250.0	228.7	
36 Isopropyl ether	45	3.136	3.137	-0.001	95	914583	25.0	24.6	
40 2-Chloro-1,3-butadiene	53	3.167	3.167	0.000	91	418886	25.0	25.1	
38 1,1-Dimethoxyethane	75	3.209	3.204	0.005	64	321898	125.0	128.9	
41 Tert-butyl ethyl ether	59	3.465	3.459	0.006	98	870117	25.0	23.8	
42 Ethyl acetate	43	3.733	3.733	0.000	100	678261	50.0	52.0	
46 Propionitrile	54	3.794	3.794	0.000	97	499239	250.0	246.6	
47 Methacrylonitrile	41	3.897	3.897	0.000	97	2342484	250.0	253.8	
152 Isooctane	57	4.402	4.402	0.000	97	843245	25.0	24.3	
56 Tert-amyl methyl ether	73	4.493	4.487	0.006	91	974653	25.0	25.2	
147 t-Amyl alcohol	59	4.511	4.512	-0.001	70	353006	250.0	240.8	
1 1,4-Difluorobenzene	114	4.791	4.791	0.000	94	734267	25.0	25.0	
60 n-Butanol	56	5.077	5.095	0.000	90	226803	625.0	589.2	
142 Ethyl acrylate	55	5.156	5.162	0.006	90	384247	25.0	26.7	
63 Methyl methacrylate	41	5.363	5.363	0.000	91	589387	50.0	46.5	
70 2-Nitropropane	43	5.789	5.789	0.000	96	234777	50.0	48.6	
71 Epichlorohydrin	57	5.911	5.905	0.006	98	332317	250.0	234.6	
155 n-Butyl acetate	43	7.054	7.055	-0.001	97	497723	25.0	26.5	
146 1-Chlorohexane	55	7.614	7.614	0.000	66	244846	25.0	23.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
85 3-Chlorobenzotrifluoride	180	7.644	7.645	-0.001	92	393613	25.0	25.0	
86 4-Chlorobenzotrifluoride	180	7.705	7.705	0.000	95	367908	25.0	24.9	
93 2-Chlorobenzotrifluoride	180	8.606	8.606	0.000	98	409186	25.0	25.7	
96 Cyclohexanone	55	8.831	8.843	0.000	94	116466	250.0	221.5	
104 3-Chlorotoluene	126	9.281	9.281	0.000	96	297000	25.0	23.7	
108 Pentachloroethane	167	9.695	9.707	0.000	81	42398	25.0	29.8	
114 Dicyclopentadiene	66	10.054	10.054	0.000	96	1149282	25.0	23.0	
112 1,2,3-Trimethylbenzene	105	10.127	10.127	0.000	72	1031271	25.0	25.1	
150 Benzyl chloride	126	10.248	10.248	0.000	98	135856	25.0	23.4	
118 1,3,5-Trichlorobenzene	180	11.343	11.343	0.000	97	435425	25.0	25.7	
149 2-Methylnaphthalene	142	13.022	13.023	-0.001	88	567438	25.0	23.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SS ADD CORP_00099

Amount Added: 12.50

Units: uL

S_8260_IS_00418

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_Surr_00507

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8300.d

Injection Date: 17-May-2025 00:57:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: ICV ADD

Worklist Smp#: 35

Client ID:

Purge Vol: 5.000 mL

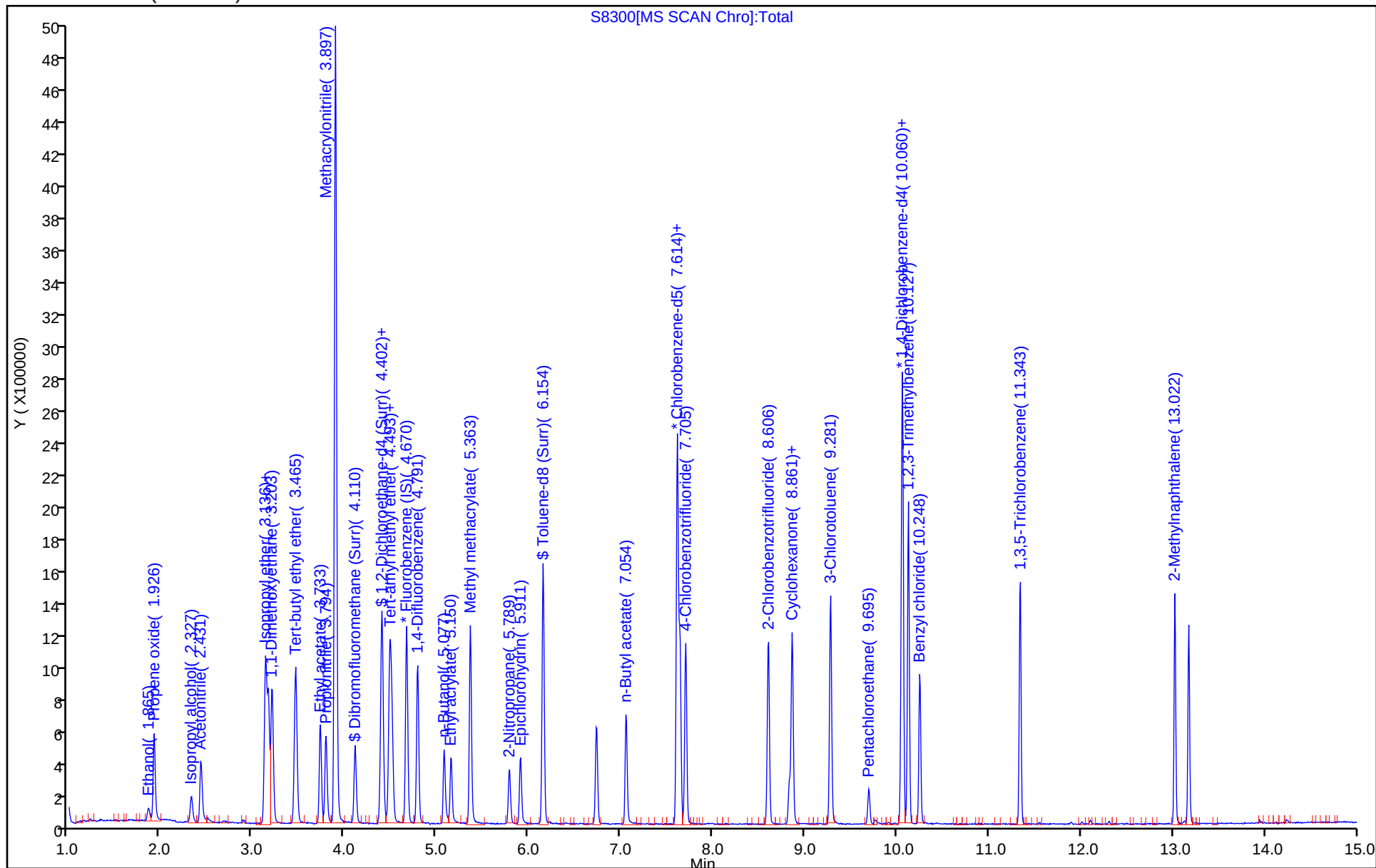
Dil. Factor: 1.0000

ALS Bottle#: 35

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo

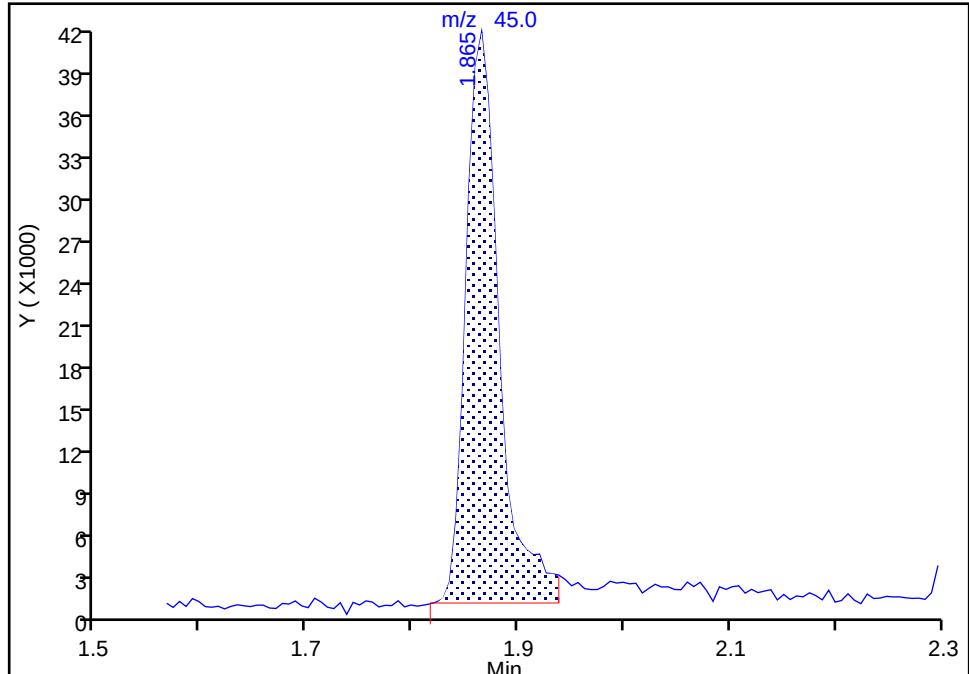
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8300.d
Injection Date: 17-May-2025 00:57:30 Instrument ID: HP5973S
Lims ID: ICV ADD
Client ID:
Operator ID: AG/LH ALS Bottle#: 35 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

148 Ethanol, CAS: 64-17-5

Signal: 1

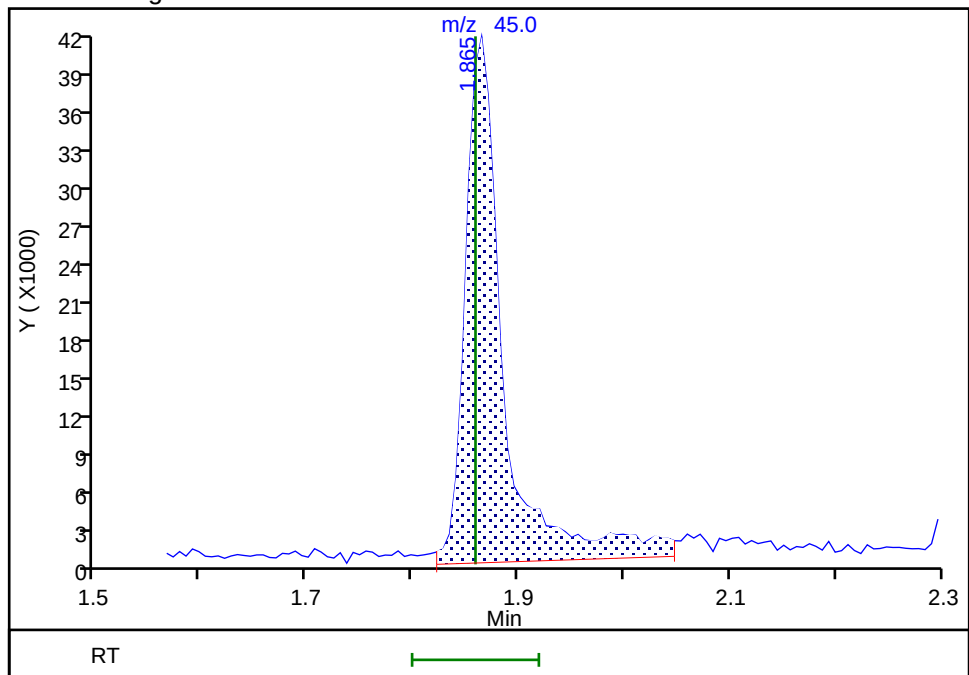
RT: 1.87
Area: 89657
Amount: 811.5733
Amount Units: ug/L

Processing Integration Results



RT: 1.87
Area: 105034
Amount: 950.7656
Amount Units: ug/L

Manual Integration Results



Reviewer: WLL8, 19-May-2025 11:22:43 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: CCVIS 480-749486/4 Calibration Date: 06/20/2025 11:23

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S8928.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	1.757	1.256	0.1000	17.9	25.0	-28.5	50.0
Chloromethane	Ave	1.907	1.831	0.1000	24.0	25.0	-4.0	20.0
Butadiene	Ave	1.682	1.866		27.7	25.0	10.9	20.0
Vinyl chloride	Ave	1.330	1.501	0.1000	28.2	25.0	12.9	20.0
Bromomethane	Ave	0.9241	0.8512	0.1000	23.0	25.0	-7.9	50.0
Chloroethane	Ave	0.9521	0.9215	0.1000	24.2	25.0	-3.2	50.0
Dichlorofluoromethane	Ave	2.226	2.380		26.7	25.0	6.9	20.0
Trichlorofluoromethane	Ave	1.760	1.939	0.1000	27.5	25.0	10.1	20.0
Ethyl ether	Ave	1.191	1.268		26.6	25.0	6.5	20.0
Acrolein	Ave	0.1818	0.1574		108	125	-13.4	50.0
1,1-Dichloroethene	Ave	1.050	0.9943	0.1000	23.7	25.0	-5.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9725	1.050	0.1000	27.0	25.0	7.9	20.0
Acetone	Ave	0.5808	0.6450	0.1000	139	125	11.1	50.0
Iodomethane	Ave	1.949	1.793		23.0	25.0	-8.0	20.0
Carbon disulfide	Ave	3.285	3.103	0.1000	23.6	25.0	-5.5	20.0
Allyl chloride	Ave	2.454	2.577		26.3	25.0	5.0	20.0
Methyl acetate	Ave	1.522	1.447	0.1000	47.5	50.0	-4.9	50.0
Methylene Chloride	Lin1		1.265	0.1000	25.2	25.0	1.0	20.0
2-Methyl-2-propanol	Ave	0.2156	0.1897		220	250	-12.0	50.0
Methyl tert-butyl ether	Ave	4.031	3.866	0.1000	24.0	25.0	-4.1	20.0
trans-1,2-Dichloroethene	Ave	1.209	1.181	0.1000	24.4	25.0	-2.3	20.0
Acrylonitrile	Ave	0.6775	0.6978		257	250	3.0	20.0
Hexane	Ave	2.096	2.012		24.0	25.0	-4.0	20.0
1,1-Dichloroethane	Ave	2.150	2.303	0.2000	26.8	25.0	7.1	20.0
Vinyl acetate	Ave	3.088	3.316		53.7	50.0	7.4	20.0
2,2-Dichloropropane	Ave	1.349	1.252		23.2	25.0	-7.1	20.0
cis-1,2-Dichloroethene	Ave	1.282	1.283	0.1000	25.0	25.0	0.0	20.0
2-Butanone (MEK)	Ave	0.9205	0.9366	0.1000	127	125	1.7	20.0
Chlorobromomethane	Ave	0.7492	0.6455		21.5	25.0	-13.8	20.0
Tetrahydrofuran	Ave	0.6178	0.6405		51.8	50.0	3.7	20.0
Chloroform	Ave	2.114	2.061	0.2000	24.4	25.0	-2.5	20.0
1,1,1-Trichloroethane	Ave	1.850	1.857	0.1000	25.1	25.0	0.4	20.0
Cyclohexane	Ave	2.453	2.542	0.1000	25.9	25.0	3.6	20.0
Carbon tetrachloride	Ave	1.652	1.630	0.1000	24.7	25.0	-1.3	20.0
1,1-Dichloropropene	Ave	1.565	1.731		27.6	25.0	10.6	20.0
Benzene	Ave	4.613	4.781	0.5000	25.9	25.0	3.6	20.0
Isobutyl alcohol	Ave	0.0881	0.0919		652	625	4.3	50.0
1,2-Dichloroethane	Ave	1.819	1.943	0.1000	26.7	25.0	6.8	20.0
n-Heptane	Ave	2.168	2.449		28.2	25.0	13.0	20.0
Trichloroethene	Ave	1.252	1.215	0.2000	24.3	25.0	-3.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: CCVIS 480-749486/4 Calibration Date: 06/20/2025 11:23

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S8928.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
Methylcyclohexane	Ave	2.221	2.201	0.1000	24.8	25.0	-0.9	20.0
1,2-Dichloropropane	Ave	1.227	1.265	0.1000	25.8	25.0	3.1	20.0
Dibromomethane	Ave	0.7869	0.7398	0.1000	23.5	25.0	-6.0	20.0
1,4-Dioxane	Ave	0.0057	0.0075		659	500	31.9	50.0
Bromodichloromethane	Ave	1.613	1.443	0.2000	22.4	25.0	-10.5	20.0
2-Chloroethyl vinyl ether	Ave	0.8733	0.8407		24.1	25.0	-3.7	20.0
cis-1,3-Dichloropropene	Ave	2.011	1.917	0.2000	23.8	25.0	-4.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8717	0.9848	0.1000	141	125	13.0	20.0
Toluene	Ave	1.480	1.576	0.4000	26.6	25.0	6.5	20.0
trans-1,3-Dichloropropene	Ave	0.9187	0.8893	0.1000	24.2	25.0	-3.2	20.0
Ethyl methacrylate	Ave	0.8796	0.8209		23.3	25.0	-6.7	20.0
1,1,2-Trichloroethane	Ave	0.4554	0.4575	0.1000	25.1	25.0	0.5	20.0
Tetrachloroethene	Ave	0.6619	0.6916	0.2000	26.1	25.0	4.5	20.0
1,3-Dichloropropane	Ave	0.9196	0.9596		26.1	25.0	4.4	20.0
2-Hexanone	Ave	0.5654	0.6705	0.1000	148	125	18.6	20.0
Dibromochloromethane	Ave	0.6518	0.5705	0.1000	21.9	25.0	-12.5	20.0
1,2-Dibromoethane	Ave	0.5613	0.5623		25.0	25.0	0.2	20.0
Chlorobenzene	Ave	1.712	1.778	0.5000	26.0	25.0	3.8	20.0
Ethylbenzene	Ave	2.760	3.015	0.1000	27.3	25.0	9.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6245	0.6152		24.6	25.0	-1.5	20.0
m,p-Xylene	Ave	1.128	1.142	0.1000	25.3	25.0	1.2	20.0
o-Xylene	Ave	1.094	1.123	0.3000	25.6	25.0	2.6	20.0
Styrene	Ave	1.801	1.794	0.3000	24.9	25.0	-0.4	20.0
Bromoform	Ave	0.4672	0.3685	0.1000	19.7	25.0	-21.1	50.0
Isopropylbenzene	Ave	2.377	2.603	0.1000	27.4	25.0	9.5	20.0
Bromobenzene	Ave	0.7068	0.7156		25.3	25.0	1.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7119	0.7367	0.3000	25.9	25.0	3.5	20.0
N-Propylbenzene	Ave	2.937	3.387		28.8	25.0	15.3	20.0
1,2,3-Trichloropropane	Ave	0.2623	0.2517		24.0	25.0	-4.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3071	0.2558		20.8	25.0	-16.7	50.0
2-Chlorotoluene	Ave	0.6615	0.7001		26.5	25.0	5.8	20.0
1,3,5-Trimethylbenzene	Ave	2.143	2.348		27.4	25.0	9.6	20.0
4-Chlorotoluene	Ave	0.7083	0.7271		25.7	25.0	2.7	20.0
tert-Butylbenzene	Ave	0.5103	0.5508		27.0	25.0	7.9	20.0
1,2,4-Trimethylbenzene	Ave	2.247	2.427		27.0	25.0	8.0	20.0
sec-Butylbenzene	Ave	2.680	3.042		28.4	25.0	13.5	20.0
1,3-Dichlorobenzene	Ave	1.309	1.404	0.6000	26.8	25.0	7.3	20.0
4-Isopropyltoluene	Ave	2.438	2.635		27.0	25.0	8.1	20.0
1,4-Dichlorobenzene	Ave	1.369	1.425	0.5000	26.0	25.0	4.1	20.0
n-Butylbenzene	Ave	2.083	2.382		28.6	25.0	14.3	20.0
1,2-Dichlorobenzene	Ave	1.254	1.343	0.4000	26.8	25.0	7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-749486/4 Calibration Date: 06/20/2025 11:23
 Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10
 Lab File ID: S8928.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1527	0.1372	0.0500	22.5	25.0	-10.2	50.0
1,2,4-Trichlorobenzene	Ave	0.8842	0.8709	0.2000	24.6	25.0	-1.5	20.0
Hexachlorobutadiene	Ave	0.4306	0.4249		24.7	25.0	-1.3	20.0
Naphthalene	Ave	2.456	2.393		24.4	25.0	-2.6	20.0
1,2,3-Trichlorobenzene	Ave	0.8128	0.8103		24.9	25.0	-0.3	20.0
Dibromofluoromethane (Surr)	Ave	1.368	1.242		22.7	25.0	-9.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8531	0.8402		24.6	25.0	-1.5	20.0
Toluene-d8 (Surr)	Ave	2.489	2.518		25.3	25.0	1.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.8696	0.7872		22.6	25.0	-9.5	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8928.d
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 20-Jun-2025 11:23:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 480-0124106-004
 Operator ID: AG Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 20-Jun-2025 11:42:56 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1715

First Level Reviewer: FGO5

Date: 20-Jun-2025 11:42:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	168477	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	321378	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	74	335450	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	53	209282	25.0	22.7	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	57	141561	25.0	24.6	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	68	809213	25.0	25.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.867	0.000	91	252977	25.0	22.6	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	86	211613	25.0	17.9	
12 Chloromethane	50	1.099	1.099	0.000	82	308538	25.0	24.0	
151 Butadiene	54	1.172	1.172	0.000	96	314420	25.0	27.7	
13 Vinyl chloride	62	1.172	1.172	0.000	51	252968	25.0	28.2	
14 Bromomethane	94	1.403	1.403	0.000	90	143404	25.0	23.0	
15 Chloroethane	64	1.458	1.458	0.000	97	155254	25.0	24.2	
16 Dichlorofluoromethane	67	1.628	1.628	0.000	81	400942	25.0	26.7	
17 Trichlorofluoromethane	101	1.640	1.640	0.000	54	326639	25.0	27.5	
18 Ethyl ether	59	1.847	1.847	0.000	96	213595	25.0	26.6	
20 Acrolein	56	2.005	2.005	0.000	99	132623	125.0	108.2	
22 1,1-Dichloroethene	96	2.036	2.036	0.000	85	167514	25.0	23.7	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.042	2.042	0.000	66	176867	25.0	27.0	
23 Acetone	43	2.145	2.145	0.000	96	543354	125.0	138.8	
25 Iodomethane	142	2.182	2.182	0.000	99	302137	25.0	23.0	
26 Carbon disulfide	76	2.212	2.212	0.000	99	522856	25.0	23.6	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	86	434220	25.0	26.3	
27 Methyl acetate	43	2.419	2.419	0.000	97	487685	50.0	47.5	
30 Methylene Chloride	84	2.504	2.504	0.000	90	213171	25.0	25.2	
31 2-Methyl-2-propanol	59	2.686	2.686	0.000	80	319547	250.0	219.9	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	93	651284	25.0	24.0	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	81	198919	25.0	24.4	
33 Acrylonitrile	53	2.778	2.778	0.000	98	1175573	250.0	257.5	
35 Hexane	57	2.899	2.899	0.000	95	339039	25.0	24.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	85	388017	25.0	26.8	
37 Vinyl acetate	43	3.179	3.179	0.000	97	1117339	50.0	53.7	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	87	210957	25.0	23.2	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	68	216089	25.0	25.0	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	96	788990	125.0	127.2	
48 Chlorobromomethane	128	3.873	3.873	0.000	89	108746	25.0	21.5	
49 Tetrahydrofuran	42	3.885	3.885	0.000	91	215815	50.0	51.8	
50 Chloroform	83	3.958	3.958	0.000	83	347194	25.0	24.4	
52 Cyclohexane	56	4.049	4.049	0.000	97	428227	25.0	25.9	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	77	312820	25.0	25.1	
55 Carbon tetrachloride	117	4.183	4.183	0.000	82	274648	25.0	24.7	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	88	291593	25.0	27.6	
57 Benzene	78	4.396	4.396	0.000	96	805431	25.0	25.9	
53 Isobutyl alcohol	43	4.469	4.469	0.000	83	386938	625.0	651.7	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	75	327329	25.0	26.7	
59 n-Heptane	43	4.591	4.591	0.000	96	412613	25.0	28.2	
62 Trichloroethene	95	5.004	5.004	0.000	89	204630	25.0	24.3	
64 Methylcyclohexane	83	5.108	5.108	0.000	95	370870	25.0	24.8	
65 1,2-Dichloropropane	63	5.235	5.235	0.000	85	213129	25.0	25.8	
67 Dibromomethane	93	5.375	5.375	0.000	90	124641	25.0	23.5	
66 1,4-Dioxane	88	5.388	5.388	0.000	72	47906	500.0	659.3	
68 Dichlorobromomethane	83	5.534	5.534	0.000	94	243114	25.0	22.4	
69 2-Chloroethyl vinyl ether	63	5.826	5.826	0.000	90	141646	25.0	24.1	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	84	322891	25.0	23.8	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1582520	125.0	141.2	
74 Toluene	92	6.215	6.215	0.000	87	506350	25.0	26.6	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	94	285802	25.0	24.2	
75 Ethyl methacrylate	69	6.580	6.580	0.000	91	263827	25.0	23.3	
79 1,1,2-Trichloroethane	83	6.696	6.696	0.000	89	147032	25.0	25.1	
81 Tetrachloroethene	166	6.738	6.738	0.000	85	222254	25.0	26.1	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	96	308409	25.0	26.1	
80 2-Hexanone	43	6.933	6.933	0.000	98	1077350	125.0	148.2	
83 Chlorodibromomethane	129	7.079	7.079	0.000	87	183352	25.0	21.9	
84 Ethylene Dibromide	107	7.164	7.164	0.000	97	180704	25.0	25.0	
87 Chlorobenzene	112	7.638	7.638	0.000	92	571258	25.0	26.0	
88 Ethylbenzene	91	7.742	7.742	0.000	98	968886	25.0	27.3	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	40	197699	25.0	24.6	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	98	367034	25.0	25.3	
91 o-Xylene	106	8.283	8.283	0.000	98	360747	25.0	25.6	
92 Styrene	104	8.314	8.314	0.000	95	576527	25.0	24.9	
95 Bromoform	173	8.551	8.551	0.000	94	118443	25.0	19.7	
94 Isopropylbenzene	105	8.667	8.667	0.000	97	873175	25.0	27.4	
101 Bromobenzene	156	9.001	9.001	0.000	95	240038	25.0	25.3	
97 1,1,2,2-Tetrachloroethane	83	9.105	9.105	0.000	51	247117	25.0	25.9	
99 N-Propylbenzene	91	9.111	9.111	0.000	97	1136193	25.0	28.8	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	62	84435	25.0	24.0	
98 trans-1,4-Dichloro-2-butene	53	9.153	9.153	0.000	1	85807	25.0	20.8	
103 2-Chlorotoluene	126	9.208	9.208	0.000	93	234861	25.0	26.5	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	94	787762	25.0	27.4	
105 4-Chlorotoluene	126	9.330	9.330	0.000	98	243903	25.0	25.7	
106 tert-Butylbenzene	134	9.640	9.640	0.000	92	184754	25.0	27.0	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	63	814162	25.0	27.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	94	1020549	25.0	28.4	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	97	470931	25.0	26.8	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	94	883823	25.0	27.0	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	94	478065	25.0	26.0	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	798878	25.0	28.6	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	95	450376	25.0	26.8	
117 1,2-Dibromo-3-Chloropropane	75	11.210	11.210	0.000	71	46009	25.0	22.5	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	92	292140	25.0	24.6	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	95	142526	25.0	24.7	
121 Naphthalene	128	12.104	12.104	0.000	97	802581	25.0	24.4	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	92	271803	25.0	24.9	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00268	Amount Added: 12.50	Units: uL	
GAS CORP mix_00682	Amount Added: 12.50	Units: uL	
S_8260_Surr_00508	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_IS_00419	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8928.d

Injection Date: 20-Jun-2025 11:23:30

Instrument ID: HP5973S

Lims ID: CCVIS

Operator ID: AG

Client ID:

Worklist Smp#: 4

Purge Vol: 5.000 mL

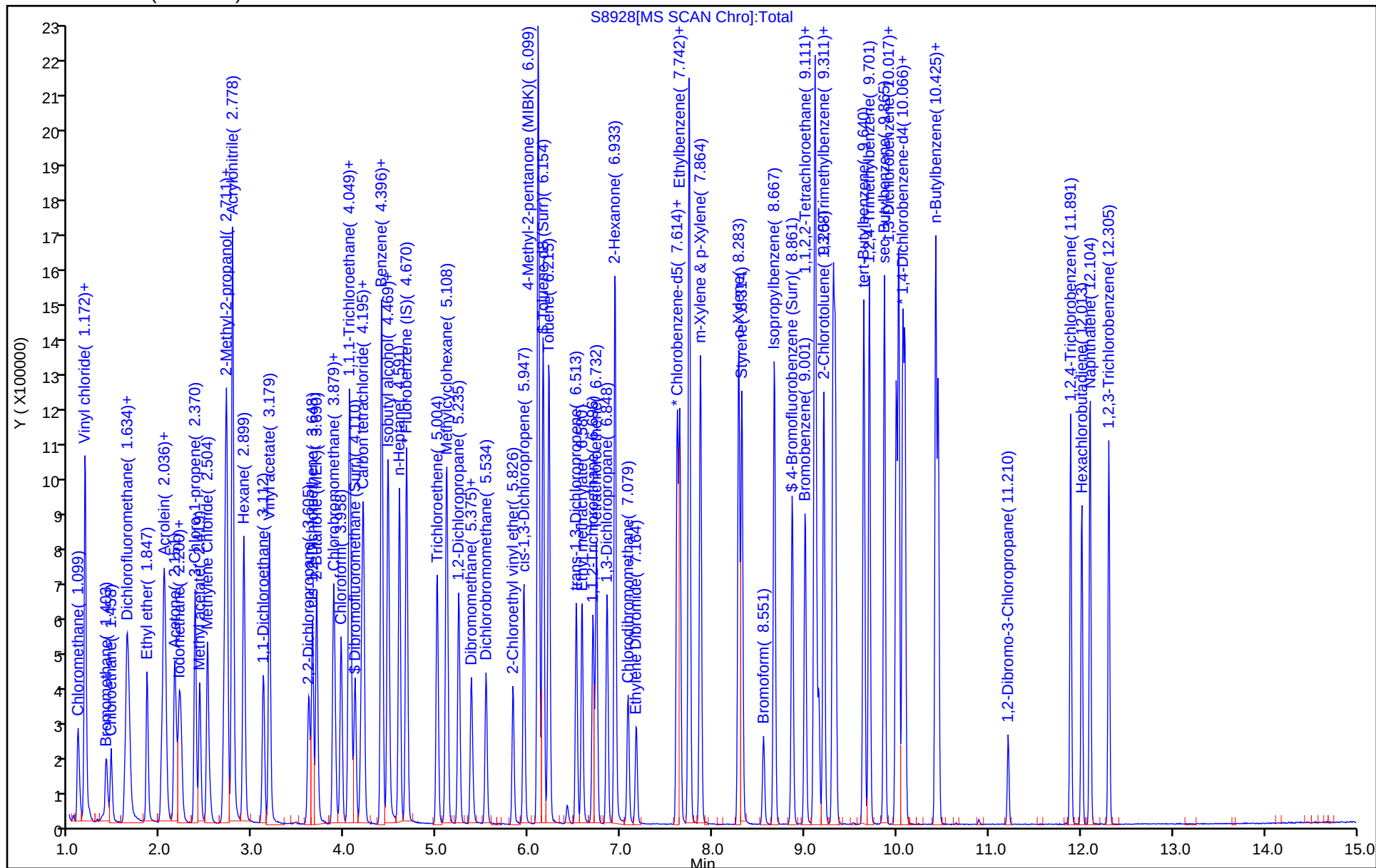
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: CCVIS 480-749533/4 Calibration Date: 06/20/2025 22:27

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S8956.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	1.757	1.263	0.1000	18.0	25.0	-28.1	50.0
Chloromethane	Ave	1.907	1.884	0.1000	24.7	25.0	-1.2	20.0
Vinyl chloride	Ave	1.330	1.514	0.1000	28.5	25.0	13.9	20.0
Butadiene	Ave	1.682	1.959		29.1	25.0	16.4	20.0
Bromomethane	Ave	0.9241	0.8364	0.1000	22.6	25.0	-9.5	50.0
Chloroethane	Ave	0.9521	0.9443	0.1000	24.8	25.0	-0.8	50.0
Dichlorofluoromethane	Ave	2.226	2.375		26.7	25.0	6.7	20.0
Trichlorofluoromethane	Ave	1.760	1.956	0.1000	27.8	25.0	11.1	20.0
Ethyl ether	Ave	1.191	1.259		26.4	25.0	5.7	20.0
Acrolein	Ave	0.1818	0.1416		97.3	125	-22.1	50.0
1,1-Dichloroethene	Ave	1.050	0.9913	0.1000	23.6	25.0	-5.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9725	1.069	0.1000	27.5	25.0	9.9	20.0
Acetone	Ave	0.5808	0.6475	0.1000	139	125	11.5	50.0
Iodomethane	Ave	1.949	1.793		23.0	25.0	-8.0	20.0
Carbon disulfide	Ave	3.285	3.002	0.1000	22.8	25.0	-8.6	20.0
Allyl chloride	Ave	2.454	2.509		25.6	25.0	2.2	20.0
Methyl acetate	Ave	1.522	1.465	0.1000	48.1	50.0	-3.7	50.0
Methylene Chloride	Lin1		1.252	0.1000	25.0	25.0	-0.2	20.0
2-Methyl-2-propanol	Ave	0.2156	0.1856		215	250	-13.9	50.0
Methyl tert-butyl ether	Ave	4.031	3.873	0.1000	24.0	25.0	-3.9	20.0
trans-1,2-Dichloroethene	Ave	1.209	1.134	0.1000	23.4	25.0	-6.2	20.0
Acrylonitrile	Ave	0.6775	0.6954		257	250	2.6	20.0
Hexane	Ave	2.096	2.051		24.5	25.0	-2.1	20.0
1,1-Dichloroethane	Ave	2.150	2.230	0.2000	25.9	25.0	3.7	20.0
Vinyl acetate	Ave	3.088	2.341		37.9	50.0	-24.2*	20.0
2,2-Dichloropropane	Ave	1.349	1.173		21.7	25.0	-13.0	20.0
cis-1,2-Dichloroethene	Ave	1.282	1.246	0.1000	24.3	25.0	-2.8	20.0
2-Butanone (MEK)	Ave	0.9205	0.9397	0.1000	128	125	2.1	20.0
Chlorobromomethane	Ave	0.7492	0.6290		21.0	25.0	-16.0	20.0
Tetrahydrofuran	Ave	0.6178	0.6371		51.6	50.0	3.1	20.0
Chloroform	Ave	2.114	2.085	0.2000	24.7	25.0	-1.4	20.0
1,1,1-Trichloroethane	Ave	1.850	1.840	0.1000	24.9	25.0	-0.5	20.0
Cyclohexane	Ave	2.453	2.544	0.1000	25.9	25.0	3.7	20.0
Carbon tetrachloride	Ave	1.652	1.628	0.1000	24.6	25.0	-1.5	20.0
1,1-Dichloropropene	Ave	1.565	1.729		27.6	25.0	10.5	20.0
Benzene	Ave	4.613	4.706	0.5000	25.5	25.0	2.0	20.0
Isobutyl alcohol	Ave	0.0881	0.0909		645	625	3.2	50.0
1,2-Dichloroethane	Ave	1.819	1.908	0.1000	26.2	25.0	4.9	20.0
n-Heptane	Ave	2.168	2.321		26.8	25.0	7.1	20.0
Trichloroethene	Ave	1.252	1.221	0.2000	24.4	25.0	-2.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: CCVIS 480-749533/4 Calibration Date: 06/20/2025 22:27

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S8956.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
Methylcyclohexane	Ave	2.221	2.154	0.1000	24.2	25.0	-3.1	20.0
1,2-Dichloropropane	Ave	1.227	1.244	0.1000	25.4	25.0	1.4	20.0
Dibromomethane	Ave	0.7869	0.7426	0.1000	23.6	25.0	-5.6	20.0
1,4-Dioxane	Ave	0.0057	0.0069		611	500	22.2	50.0
Bromodichloromethane	Ave	1.613	1.394	0.2000	21.6	25.0	-13.6	20.0
2-Chloroethyl vinyl ether	Ave	0.8733	0.8283		23.7	25.0	-5.1	20.0
cis-1,3-Dichloropropene	Ave	2.011	1.803	0.2000	22.4	25.0	-10.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8717	1.005	0.1000	144	125	15.3	20.0
Toluene	Ave	1.480	1.568	0.4000	26.5	25.0	6.0	20.0
trans-1,3-Dichloropropene	Ave	0.9187	0.8427	0.1000	22.9	25.0	-8.3	20.0
Ethyl methacrylate	Ave	0.8796	0.8245		23.4	25.0	-6.3	20.0
1,1,2-Trichloroethane	Ave	0.4554	0.4470	0.1000	24.5	25.0	-1.8	20.0
Tetrachloroethene	Ave	0.6619	0.6839	0.2000	25.8	25.0	3.3	20.0
1,3-Dichloropropane	Ave	0.9196	0.9661		26.3	25.0	5.1	20.0
2-Hexanone	Ave	0.5654	0.6742	0.1000	149	125	19.3	20.0
Dibromochloromethane	Ave	0.6518	0.5436	0.1000	20.8	25.0	-16.6	20.0
1,2-Dibromoethane	Ave	0.5613	0.5464		24.3	25.0	-2.7	20.0
Chlorobenzene	Ave	1.712	1.743	0.5000	25.5	25.0	1.8	20.0
Ethylbenzene	Ave	2.760	2.953	0.1000	26.7	25.0	7.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6245	0.6117		24.5	25.0	-2.1	20.0
m,p-Xylene	Ave	1.128	1.128	0.1000	25.0	25.0	0.0	20.0
o-Xylene	Ave	1.094	1.110	0.3000	25.4	25.0	1.5	20.0
Styrene	Ave	1.801	1.769	0.3000	24.6	25.0	-1.8	20.0
Bromoform	Ave	0.4672	0.3177	0.1000	17.0	25.0	-32.0	50.0
Isopropylbenzene	Ave	2.377	2.632	0.1000	27.7	25.0	10.7	20.0
Bromobenzene	Ave	0.7068	0.7132		25.2	25.0	0.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7119	0.6939	0.3000	24.4	25.0	-2.5	20.0
N-Propylbenzene	Ave	2.937	3.388		28.8	25.0	15.4	20.0
1,2,3-Trichloropropane	Ave	0.2623	0.2461		23.5	25.0	-6.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3071	0.2242		18.3	25.0	-27.0	50.0
2-Chlorotoluene	Ave	0.6615	0.6902		26.1	25.0	4.3	20.0
1,3,5-Trimethylbenzene	Ave	2.143	2.349		27.4	25.0	9.6	20.0
4-Chlorotoluene	Ave	0.7083	0.7297		25.8	25.0	3.0	20.0
tert-Butylbenzene	Ave	0.5103	0.5382		26.4	25.0	5.5	20.0
1,2,4-Trimethylbenzene	Ave	2.247	2.406		26.8	25.0	7.1	20.0
sec-Butylbenzene	Ave	2.680	3.045		28.4	25.0	13.6	20.0
1,3-Dichlorobenzene	Ave	1.309	1.383	0.6000	26.4	25.0	5.7	20.0
4-Isopropyltoluene	Ave	2.438	2.655		27.2	25.0	8.9	20.0
1,4-Dichlorobenzene	Ave	1.369	1.419	0.5000	25.9	25.0	3.6	20.0
n-Butylbenzene	Ave	2.083	2.382		28.6	25.0	14.3	20.0
1,2-Dichlorobenzene	Ave	1.254	1.328	0.4000	26.5	25.0	5.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-749533/4 Calibration Date: 06/20/2025 22:27
 Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10
 Lab File ID: S8956.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1527	0.1265	0.0500	20.7	25.0	-17.1	50.0
1,2,4-Trichlorobenzene	Ave	0.8842	0.8362	0.2000	23.6	25.0	-5.4	20.0
Hexachlorobutadiene	Ave	0.4306	0.4246		24.7	25.0	-1.4	20.0
Naphthalene	Ave	2.456	2.354		24.0	25.0	-4.2	20.0
1,2,3-Trichlorobenzene	Ave	0.8128	0.7895		24.3	25.0	-2.9	20.0
Dibromofluoromethane (Surr)	Ave	1.368	1.250		22.8	25.0	-8.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8531	0.8702		25.5	25.0	2.0	20.0
Toluene-d8 (Surr)	Ave	2.489	2.564		25.8	25.0	3.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.8696	0.7903		22.7	25.0	-9.1	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8956.d
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 20-Jun-2025 22:27:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 480-0124110-004
 Operator ID: AG Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 23-Jun-2025 13:00:20 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 13:00:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	162815	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	309871	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	73	316018	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	56	203466	25.0	22.8	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	59	141685	25.0	25.5	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	80	794575	25.0	25.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	87	244897	25.0	22.7	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	86	205705	25.0	18.0	
12 Chloromethane	50	1.093	1.093	0.000	82	306745	25.0	24.7	
13 Vinyl chloride	62	1.166	1.166	0.000	66	246508	25.0	28.5	
151 Butadiene	54	1.172	1.172	0.000	97	318943	25.0	29.1	
14 Bromomethane	94	1.403	1.403	0.000	90	136176	25.0	22.6	
15 Chloroethane	64	1.458	1.458	0.000	93	153754	25.0	24.8	
16 Dichlorofluoromethane	67	1.628	1.628	0.000	82	386696	25.0	26.7	
17 Trichlorofluoromethane	101	1.640	1.640	0.000	57	318492	25.0	27.8	
18 Ethyl ether	59	1.847	1.847	0.000	95	204944	25.0	26.4	
20 Acrolein	56	2.005	2.005	0.000	99	115270	125.0	97.3	
22 1,1-Dichloroethene	96	2.036	2.036	0.000	84	161396	25.0	23.6	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.042	2.042	0.000	65	174038	25.0	27.5	
23 Acetone	43	2.151	2.151	0.000	97	527114	125.0	139.4	
25 Iodomethane	142	2.175	2.175	0.000	98	291938	25.0	23.0	
26 Carbon disulfide	76	2.212	2.212	0.000	99	488739	25.0	22.8	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	84	408435	25.0	25.6	
27 Methyl acetate	43	2.419	2.419	0.000	100	477206	50.0	48.1	
30 Methylene Chloride	84	2.504	2.504	0.000	91	203825	25.0	25.0	
31 2-Methyl-2-propanol	59	2.686	2.686	0.000	79	302154	250.0	215.2	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	92	630657	25.0	24.0	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	81	184635	25.0	23.4	
33 Acrylonitrile	53	2.778	2.778	0.000	99	1132203	250.0	256.6	
35 Hexane	57	2.899	2.899	0.000	98	333978	25.0	24.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	85	363049	25.0	25.9	
37 Vinyl acetate	43	3.179	3.179	0.000	97	762193	50.0	37.9	
44 2,2-Dichloropropane	77	3.611	3.611	0.000	91	191015	25.0	21.7	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	69	202822	25.0	24.3	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	96	764975	125.0	127.6	
48 Chlorobromomethane	128	3.873	3.873	0.000	89	102413	25.0	21.0	
49 Tetrahydrofuran	42	3.891	3.891	0.000	94	207464	50.0	51.6	
50 Chloroform	83	3.958	3.958	0.000	83	339477	25.0	24.7	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	78	299654	25.0	24.9	
52 Cyclohexane	56	4.049	4.049	0.000	97	414267	25.0	25.9	
55 Carbon tetrachloride	117	4.183	4.183	0.000	82	264999	25.0	24.6	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	86	281570	25.0	27.6	
57 Benzene	78	4.396	4.396	0.000	95	766153	25.0	25.5	
53 Isobutyl alcohol	43	4.463	4.463	0.000	61	369975	625.0	644.8	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	75	310622	25.0	26.2	
59 n-Heptane	43	4.591	4.591	0.000	98	377938	25.0	26.8	
62 Trichloroethene	95	5.004	5.004	0.000	90	198739	25.0	24.4	
64 Methylcyclohexane	83	5.108	5.108	0.000	95	350630	25.0	24.2	
65 1,2-Dichloropropane	63	5.235	5.235	0.000	85	202579	25.0	25.4	
67 Dibromomethane	93	5.369	5.369	0.000	90	120902	25.0	23.6	
66 1,4-Dioxane	88	5.388	5.388	0.000	69	42799	500.0	610.9	
68 Dichlorobromomethane	83	5.534	5.534	0.000	89	226955	25.0	21.6	
69 2-Chloroethyl vinyl ether	63	5.826	5.826	0.000	90	134859	25.0	23.7	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	85	293587	25.0	22.4	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1556639	125.0	144.1	
74 Toluene	92	6.215	6.215	0.000	85	486006	25.0	26.5	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	93	261143	25.0	22.9	
75 Ethyl methacrylate	69	6.580	6.580	0.000	90	255488	25.0	23.4	
79 1,1,2-Trichloroethane	83	6.696	6.696	0.000	90	138519	25.0	24.5	
81 Tetrachloroethene	166	6.732	6.732	0.000	85	211934	25.0	25.8	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	96	299373	25.0	26.3	
80 2-Hexanone	43	6.933	6.933	0.000	97	1044630	125.0	149.1	
83 Chlorodibromomethane	129	7.079	7.079	0.000	86	168432	25.0	20.8	
84 Ethylene Dibromide	107	7.164	7.164	0.000	99	169322	25.0	24.3	
87 Chlorobenzene	112	7.638	7.638	0.000	91	540240	25.0	25.5	
88 Ethylbenzene	91	7.742	7.742	0.000	98	915048	25.0	26.7	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	40	189540	25.0	24.5	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	98	349689	25.0	25.0	
91 o-Xylene	106	8.283	8.283	0.000	98	344043	25.0	25.4	
92 Styrene	104	8.314	8.314	0.000	94	548120	25.0	24.6	
95 Bromoform	173	8.551	8.551	0.000	95	98439	25.0	17.0	
94 Isopropylbenzene	105	8.667	8.667	0.000	96	831703	25.0	27.7	
101 Bromobenzene	156	9.001	9.001	0.000	95	225379	25.0	25.2	
97 1,1,2,2-Tetrachloroethane	83	9.105	9.105	0.000	51	219284	25.0	24.4	
99 N-Propylbenzene	91	9.111	9.111	0.000	97	1070782	25.0	28.8	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	61	77774	25.0	23.5	
98 trans-1,4-Dichloro-2-butene	53	9.147	9.147	0.000	83	70842	25.0	18.3	
103 2-Chlorotoluene	126	9.208	9.208	0.000	95	218100	25.0	26.1	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	93	742197	25.0	27.4	
105 4-Chlorotoluene	126	9.330	9.330	0.000	98	230605	25.0	25.8	
106 tert-Butylbenzene	134	9.640	9.640	0.000	92	170089	25.0	26.4	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	63	760339	25.0	26.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	94	962260	25.0	28.4	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	437137	25.0	26.4	
110 4-Isopropyltoluene	119	10.017	10.017	0.000	94	838943	25.0	27.2	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	94	448482	25.0	25.9	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	752686	25.0	28.6	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	96	419554	25.0	26.5	
117 1,2-Dibromo-3-Chloropropane	75	11.210	11.210	0.000	71	39988	25.0	20.7	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	90	264263	25.0	23.6	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	93	134197	25.0	24.7	
121 Naphthalene	128	12.104	12.104	0.000	97	743832	25.0	24.0	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	94	249512	25.0	24.3	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00268	Amount Added: 12.50	Units: uL	
GAS CORP mix_00682	Amount Added: 12.50	Units: uL	
S_8260_Surr_00508	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_IS_00419	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8956.d

Injection Date: 20-Jun-2025 22:27:30

Instrument ID: HP5973S

Lims ID: CCVIS

Operator ID: AG

Client ID:

Worklist Smp#: 4

Purge Vol: 5.000 mL

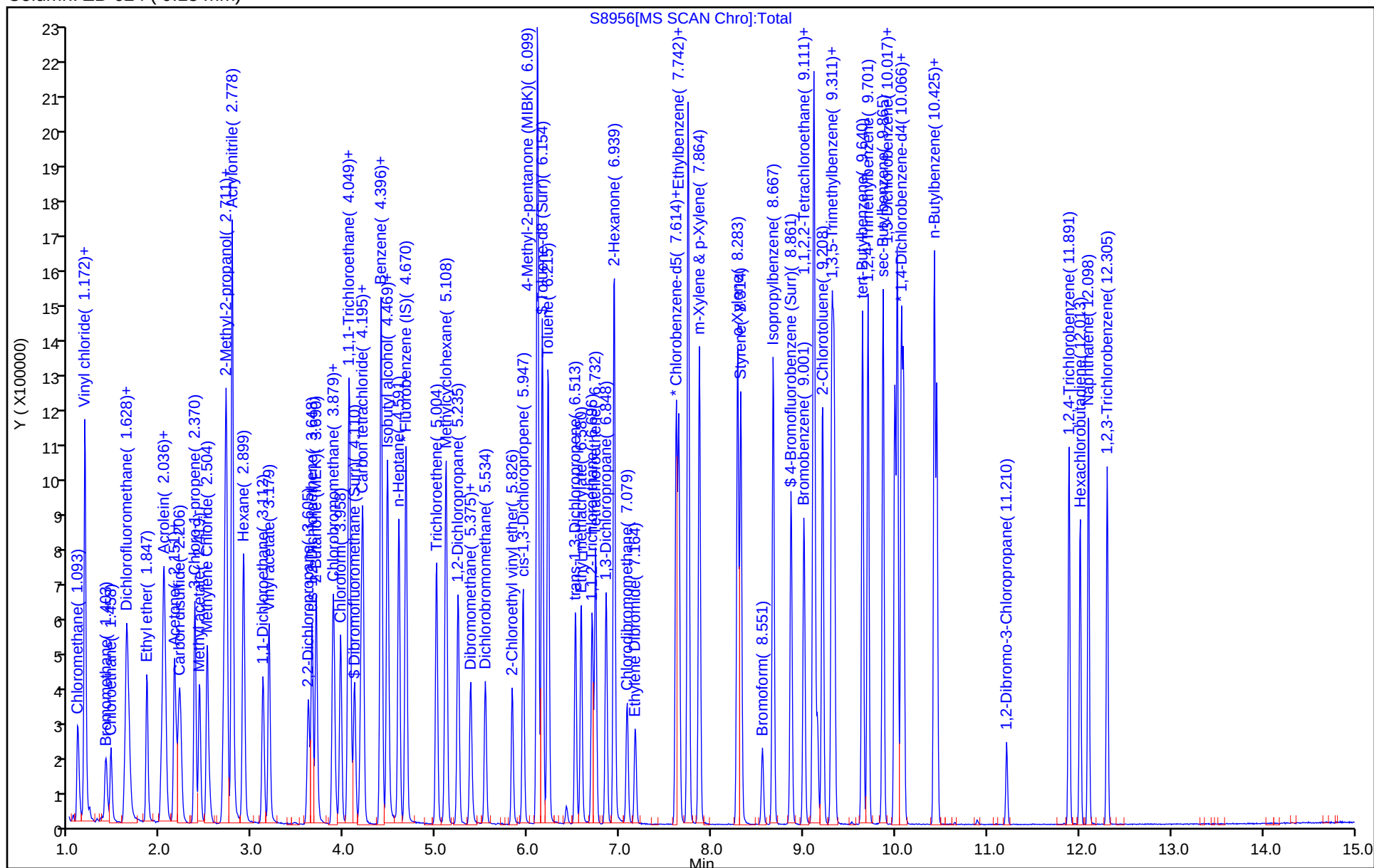
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: CCVIS 480-749755/4 Calibration Date: 06/23/2025 23:35

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S9015.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	1.757	1.792	0.1000	25.5	25.0	2.0	50.0
Chloromethane	Ave	1.907	2.265	0.1000	29.7	25.0	18.8	20.0
Vinyl chloride	Ave	1.330	1.784	0.1000	33.5	25.0	34.2*	20.0
Butadiene	Ave	1.682	2.119		31.5	25.0	26.0*	20.0
Bromomethane	Ave	0.9241	0.9550	0.1000	25.8	25.0	3.3	50.0
Chloroethane	Ave	0.9521	1.065	0.1000	28.0	25.0	11.9	50.0
Dichlorofluoromethane	Ave	2.226	2.452		27.5	25.0	10.1	20.0
Trichlorofluoromethane	Ave	1.760	2.154	0.1000	30.6	25.0	22.4*	20.0
Ethyl ether	Ave	1.191	1.343		28.2	25.0	12.8	20.0
Acrolein	Ave	0.1818	0.1629		112	125	-10.4	50.0
1,1-Dichloroethene	Ave	1.050	1.088	0.1000	25.9	25.0	3.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9725	1.155	0.1000	29.7	25.0	18.8	20.0
Acetone	Ave	0.5808	0.6926	0.1000	149	125	19.3	50.0
Iodomethane	Ave	1.949	1.900		24.4	25.0	-2.5	20.0
Carbon disulfide	Ave	3.285	3.220	0.1000	24.5	25.0	-2.0	20.0
Allyl chloride	Ave	2.454	2.804		28.6	25.0	14.3	20.0
Methyl acetate	Ave	1.522	1.597	0.1000	52.5	50.0	4.9	50.0
Methylene Chloride	Lin1		1.355	0.1000	27.1	25.0	8.5	20.0
2-Methyl-2-propanol	Ave	0.2156	0.2098		243	250	-2.7	50.0
Methyl tert-butyl ether	Ave	4.031	4.152	0.1000	25.7	25.0	3.0	20.0
trans-1,2-Dichloroethene	Ave	1.209	1.241	0.1000	25.7	25.0	2.6	20.0
Acrylonitrile	Ave	0.6775	0.7709		284	250	13.8	20.0
Hexane	Ave	2.096	2.176		26.0	25.0	3.8	20.0
1,1-Dichloroethane	Ave	2.150	2.446	0.2000	28.4	25.0	13.8	20.0
Vinyl acetate	Ave	3.088	3.702		60.0	50.0	19.9	20.0
2,2-Dichloropropane	Ave	1.349	1.279		23.7	25.0	-5.2	20.0
cis-1,2-Dichloroethene	Ave	1.282	1.343	0.1000	26.2	25.0	4.7	20.0
2-Butanone (MEK)	Ave	0.9205	1.023	0.1000	139	125	11.1	20.0
Chlorobromomethane	Ave	0.7492	0.6972		23.3	25.0	-6.9	20.0
Tetrahydrofuran	Ave	0.6178	0.7114		57.6	50.0	15.1	20.0
Chloroform	Ave	2.114	2.226	0.2000	26.3	25.0	5.3	20.0
Cyclohexane	Ave	2.453	2.797	0.1000	28.5	25.0	14.0	20.0
1,1,1-Trichloroethane	Ave	1.850	1.957	0.1000	26.4	25.0	5.8	20.0
Carbon tetrachloride	Ave	1.652	1.729	0.1000	26.2	25.0	4.6	20.0
1,1-Dichloropropene	Ave	1.565	1.875		30.0	25.0	19.8	20.0
Benzene	Ave	4.613	5.100	0.5000	27.6	25.0	10.6	20.0
Isobutyl alcohol	Ave	0.0881	0.1031		731	625	17.0	50.0
1,2-Dichloroethane	Ave	1.819	2.050	0.1000	28.2	25.0	12.6	20.0
n-Heptane	Ave	2.168	2.566		29.6	25.0	18.4	20.0
Trichloroethene	Ave	1.252	1.289	0.2000	25.8	25.0	3.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: CCVIS 480-749755/4 Calibration Date: 06/23/2025 23:35

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S9015.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
Methylcyclohexane	Ave	2.221	2.381	0.1000	26.8	25.0	7.2	20.0
1,2-Dichloropropane	Ave	1.227	1.326	0.1000	27.0	25.0	8.1	20.0
Dibromomethane	Ave	0.7869	0.7903	0.1000	25.1	25.0	0.4	20.0
1,4-Dioxane	Ave	0.0057	0.0081		719	500	43.9	50.0
Bromodichloromethane	Ave	1.613	1.512	0.2000	23.4	25.0	-6.3	20.0
2-Chloroethyl vinyl ether	Ave	0.8733	0.9014		25.8	25.0	3.2	20.0
cis-1,3-Dichloropropene	Ave	2.011	2.000	0.2000	24.9	25.0	-0.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8717	1.040	0.1000	149	125	19.3	20.0
Toluene	Ave	1.480	1.610	0.4000	27.2	25.0	8.8	20.0
trans-1,3-Dichloropropene	Ave	0.9187	0.9029	0.1000	24.6	25.0	-1.7	20.0
Ethyl methacrylate	Ave	0.8796	0.8336		23.7	25.0	-5.2	20.0
1,1,2-Trichloroethane	Ave	0.4554	0.4709	0.1000	25.9	25.0	3.4	20.0
Tetrachloroethene	Ave	0.6619	0.7187	0.2000	27.1	25.0	8.6	20.0
1,3-Dichloropropane	Ave	0.9196	0.996		27.1	25.0	8.3	20.0
2-Hexanone	Ave	0.5654	0.6875	0.1000	152	125	21.6*	20.0
Dibromochloromethane	Ave	0.6518	0.5612	0.1000	21.5	25.0	-13.9	20.0
1,2-Dibromoethane	Ave	0.5613	0.5713		25.4	25.0	1.8	20.0
Chlorobenzene	Ave	1.712	1.829	0.5000	26.7	25.0	6.8	20.0
Ethylbenzene	Ave	2.760	3.057	0.1000	27.7	25.0	10.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6245	0.6325		25.3	25.0	1.3	20.0
m,p-Xylene	Ave	1.128	1.180	0.1000	26.1	25.0	4.6	20.0
o-Xylene	Ave	1.094	1.164	0.3000	26.6	25.0	6.4	20.0
Styrene	Ave	1.801	1.855	0.3000	25.7	25.0	3.0	20.0
Bromoform	Ave	0.4672	0.3567	0.1000	19.1	25.0	-23.7	50.0
Isopropylbenzene	Ave	2.377	2.736	0.1000	28.8	25.0	15.1	20.0
Bromobenzene	Ave	0.7068	0.7522		26.6	25.0	6.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7119	0.7667	0.3000	26.9	25.0	7.7	20.0
N-Propylbenzene	Ave	2.937	3.530		30.0	25.0	20.2*	20.0
1,2,3-Trichloropropane	Ave	0.2623	0.2656		25.3	25.0	1.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3071	0.2912		23.7	25.0	-5.2	50.0
2-Chlorotoluene	Ave	0.6615	0.7099		26.8	25.0	7.3	20.0
1,3,5-Trimethylbenzene	Ave	2.143	2.477		28.9	25.0	15.6	20.0
4-Chlorotoluene	Ave	0.7083	0.7535		26.6	25.0	6.4	20.0
tert-Butylbenzene	Ave	0.5103	0.5759		28.2	25.0	12.9	20.0
1,2,4-Trimethylbenzene	Ave	2.247	2.523		28.1	25.0	12.3	20.0
sec-Butylbenzene	Ave	2.680	3.269		30.5	25.0	22.0*	20.0
1,3-Dichlorobenzene	Ave	1.309	1.478	0.6000	28.2	25.0	12.9	20.0
4-Isopropyltoluene	Ave	2.438	2.862		29.3	25.0	17.4	20.0
1,4-Dichlorobenzene	Ave	1.369	1.514	0.5000	27.6	25.0	10.6	20.0
n-Butylbenzene	Ave	2.083	2.531		30.4	25.0	21.5*	20.0
1,2-Dichlorobenzene	Ave	1.254	1.413	0.4000	28.2	25.0	12.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-749755/4 Calibration Date: 06/23/2025 23:35
 Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10
 Lab File ID: S9015.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1527	0.1469	0.0500	24.1	25.0	-3.8	50.0
1,2,4-Trichlorobenzene	Ave	0.8842	0.9348	0.2000	26.4	25.0	5.7	20.0
Hexachlorobutadiene	Ave	0.4306	0.4585		26.6	25.0	6.5	20.0
Naphthalene	Ave	2.456	2.532		25.8	25.0	3.1	20.0
1,2,3-Trichlorobenzene	Ave	0.8128	0.8671		26.7	25.0	6.7	20.0
Dibromofluoromethane (Surr)	Ave	1.368	1.287		23.5	25.0	-5.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8531	0.8728		25.6	25.0	2.3	20.0
Toluene-d8 (Surr)	Ave	2.489	2.481		24.9	25.0	-0.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.8696	0.7720		22.2	25.0	-11.2	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9015.d
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 23-Jun-2025 23:35:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 480-0124139-004
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jun-2025 10:24:36 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:24:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	164188	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	325498	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	73	334013	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	54	211297	25.0	23.5	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	57	143311	25.0	25.6	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	69	807407	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	86	251279	25.0	22.2	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	85	294242	25.0	25.5	
12 Chloromethane	50	1.099	1.099	0.000	89	371910	25.0	29.7	
13 Vinyl chloride	62	1.172	1.172	0.000	67	292918	25.0	33.5	
151 Butadiene	54	1.178	1.178	0.000	98	347989	25.0	31.5	
14 Bromomethane	94	1.409	1.409	0.000	92	156793	25.0	25.8	
15 Chloroethane	64	1.464	1.464	0.000	93	174865	25.0	28.0	
16 Dichlorofluoromethane	67	1.634	1.634	0.000	81	402512	25.0	27.5	
17 Trichlorofluoromethane	101	1.640	1.640	0.000	47	353736	25.0	30.6	
18 Ethyl ether	59	1.853	1.853	0.000	97	220515	25.0	28.2	
20 Acrolein	56	2.005	2.005	0.000	94	133705	125.0	112.0	
22 1,1-Dichloroethene	96	2.035	2.035	0.000	84	178585	25.0	25.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.042	2.042	0.000	68	189657	25.0	29.7	
23 Acetone	43	2.151	2.151	0.000	97	568622	125.0	149.1	
25 Iodomethane	142	2.200	2.200	0.000	98	311886	25.0	24.4	
26 Carbon disulfide	76	2.218	2.218	0.000	99	528698	25.0	24.5	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	85	460383	25.0	28.6	
27 Methyl acetate	43	2.425	2.425	0.000	97	524489	50.0	52.5	
30 Methylene Chloride	84	2.510	2.510	0.000	92	222540	25.0	27.1	
31 2-Methyl-2-propanol	59	2.686	2.686	0.000	81	344423	250.0	243.2	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	91	681744	25.0	25.7	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	84	203755	25.0	25.7	
33 Acrylonitrile	53	2.778	2.778	0.000	99	1265666	250.0	284.5	
35 Hexane	57	2.899	2.899	0.000	93	357234	25.0	26.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.118	3.118	0.000	86	401642	25.0	28.4	
37 Vinyl acetate	43	3.179	3.179	0.000	97	1215737	50.0	60.0	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	88	209922	25.0	23.7	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	69	220491	25.0	26.2	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	96	839607	125.0	138.9	
48 Chlorobromomethane	128	3.879	3.879	0.000	90	114464	25.0	23.3	
49 Tetrahydrofuran	42	3.885	3.885	0.000	93	233610	50.0	57.6	
50 Chloroform	83	3.958	3.958	0.000	82	365426	25.0	26.3	
52 Cyclohexane	56	4.049	4.049	0.000	97	459250	25.0	28.5	
51 1,1,1-Trichloroethane	97	4.055	4.055	0.000	77	321264	25.0	26.4	
55 Carbon tetrachloride	117	4.183	4.183	0.000	78	283838	25.0	26.2	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	87	307877	25.0	30.0	
57 Benzene	78	4.396	4.396	0.000	96	837372	25.0	27.6	
53 Isobutyl alcohol	43	4.469	4.469	0.000	94	423156	625.0	731.3	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	76	336505	25.0	28.2	
59 n-Heptane	43	4.591	4.591	0.000	98	421307	25.0	29.6	
62 Trichloroethene	95	5.004	5.004	0.000	90	211711	25.0	25.8	
64 Methylcyclohexane	83	5.108	5.108	0.000	95	390934	25.0	26.8	
65 1,2-Dichloropropane	63	5.235	5.235	0.000	86	217709	25.0	27.0	
67 Dibromomethane	93	5.369	5.369	0.000	91	129750	25.0	25.1	
66 1,4-Dioxane	88	5.388	5.388	0.000	77	52944	500.0	719.4	
68 Dichlorobromomethane	83	5.534	5.534	0.000	91	248179	25.0	23.4	
69 2-Chloroethyl vinyl ether	63	5.826	5.826	0.000	90	147997	25.0	25.8	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	85	328340	25.0	24.9	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1692842	125.0	149.2	
74 Toluene	92	6.221	6.221	0.000	88	524050	25.0	27.2	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	94	293892	25.0	24.6	
75 Ethyl methacrylate	69	6.580	6.580	0.000	90	271320	25.0	23.7	
79 1,1,2-Trichloroethane	83	6.696	6.696	0.000	95	153293	25.0	25.9	
81 Tetrachloroethene	166	6.732	6.732	0.000	86	233929	25.0	27.1	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	96	324085	25.0	27.1	
80 2-Hexanone	43	6.933	6.933	0.000	98	1118973	125.0	152.0	
83 Chlorodibromomethane	129	7.079	7.079	0.000	86	182663	25.0	21.5	
84 Ethylene Dibromide	107	7.164	7.164	0.000	95	185951	25.0	25.4	
87 Chlorobenzene	112	7.638	7.638	0.000	92	595245	25.0	26.7	
88 Ethylbenzene	91	7.742	7.742	0.000	99	995095	25.0	27.7	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	40	205883	25.0	25.3	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	98	384039	25.0	26.1	
91 o-Xylene	106	8.283	8.283	0.000	98	378867	25.0	26.6	
92 Styrene	104	8.314	8.314	0.000	94	603650	25.0	25.7	
95 Bromoform	173	8.551	8.551	0.000	94	116113	25.0	19.1	
94 Isopropylbenzene	105	8.667	8.667	0.000	96	913980	25.0	28.8	
101 Bromobenzene	156	9.001	9.001	0.000	95	251228	25.0	26.6	
97 1,1,2,2-Tetrachloroethane	83	9.105	9.105	0.000	52	256073	25.0	26.9	
99 N-Propylbenzene	91	9.111	9.111	0.000	97	1179009	25.0	30.0	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	60	88710	25.0	25.3	
98 trans-1,4-Dichloro-2-butene	53	9.153	9.153	0.000	20	97266	25.0	23.7	
103 2-Chlorotoluene	126	9.208	9.208	0.000	96	237101	25.0	26.8	
102 1,3,5-Trimethylbenzene	105	9.311	9.311	0.000	93	827457	25.0	28.9	
105 4-Chlorotoluene	126	9.330	9.330	0.000	98	251695	25.0	26.6	
106 tert-Butylbenzene	134	9.640	9.640	0.000	91	192349	25.0	28.2	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	65	842744	25.0	28.1	

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9015.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	95	1091830	25.0	30.5	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	493579	25.0	28.2	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	93	956000	25.0	29.3	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	94	505719	25.0	27.6	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	845499	25.0	30.4	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	96	471985	25.0	28.2	
117 1,2-Dibromo-3-Chloropropane	75	11.210	11.210	0.000	73	49077	25.0	24.1	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	93	312237	25.0	26.4	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	95	153157	25.0	26.6	
121 Naphthalene	128	12.104	12.104	0.000	97	845847	25.0	25.8	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	94	289621	25.0	26.7	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00268	Amount Added: 12.50	Units: uL	
GAS CORP mix_00683	Amount Added: 12.50	Units: uL	
S_8260_Surr_00508	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_IS_00419	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9015.d

Injection Date: 23-Jun-2025 23:35:30

Instrument ID: HP5973S

Lims ID: CCVIS

Operator ID: AG/LH

Client ID:

Worklist Smp#: 4

Purge Vol: 5.000 mL

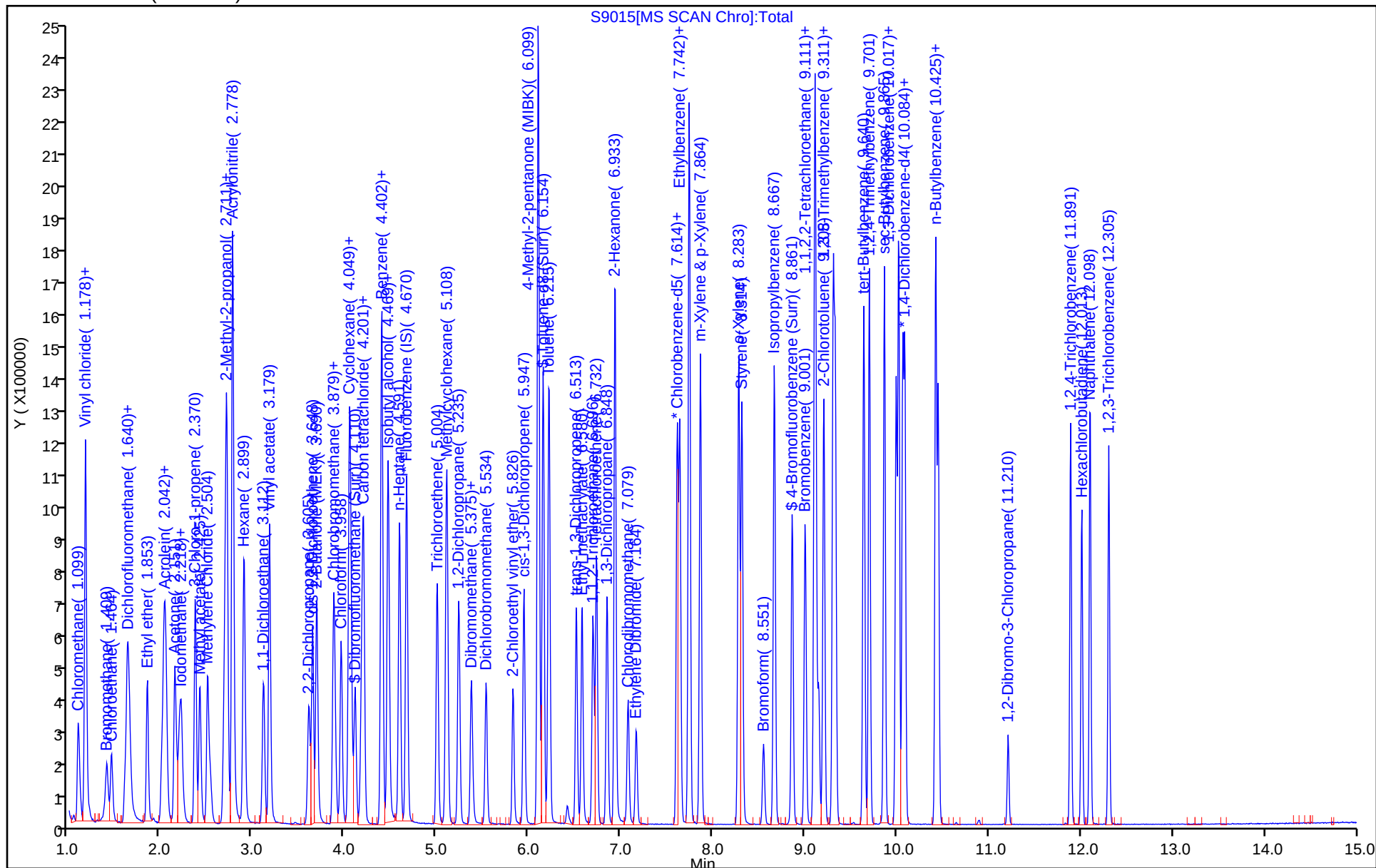
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: CCVIS 480-749897/4 Calibration Date: 06/24/2025 21:56

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S9068.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	1.757	1.466	0.1000	20.9	25.0	-16.6	50.0
Chloromethane	Ave	1.907	2.043	0.1000	26.8	25.0	7.2	20.0
Vinyl chloride	Ave	1.330	1.610	0.1000	30.3	25.0	21.1*	20.0
Butadiene	Ave	1.682	1.993		29.6	25.0	18.5	20.0
Bromomethane	Ave	0.9241	0.9150	0.1000	24.8	25.0	-1.0	50.0
Chloroethane	Ave	0.9521	1.016	0.1000	26.7	25.0	6.7	50.0
Dichlorofluoromethane	Ave	2.226	2.474		27.8	25.0	11.1	20.0
Trichlorofluoromethane	Ave	1.760	2.034	0.1000	28.9	25.0	15.5	20.0
Ethyl ether	Ave	1.191	1.239		26.0	25.0	4.1	20.0
Acrolein	Ave	0.1818	0.1455		100	125	-20.0	50.0
1,1-Dichloroethene	Ave	1.050	1.010	0.1000	24.1	25.0	-3.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9725	1.064	0.1000	27.3	25.0	9.4	20.0
Acetone	Ave	0.5808	0.6832	0.1000	147	125	17.6	50.0
Iodomethane	Ave	1.949	1.841		23.6	25.0	-5.5	20.0
Carbon disulfide	Ave	3.285	3.131	0.1000	23.8	25.0	-4.7	20.0
Allyl chloride	Ave	2.454	2.715		27.7	25.0	10.7	20.0
Methyl acetate	Ave	1.522	1.506	0.1000	49.5	50.0	-1.0	50.0
Methylene Chloride	Lin1		1.201	0.1000	23.9	25.0	-4.4	20.0
2-Methyl-2-propanol	Ave	0.2156	0.1873		217	250	-13.1	50.0
Methyl tert-butyl ether	Ave	4.031	4.064	0.1000	25.2	25.0	0.8	20.0
trans-1,2-Dichloroethene	Ave	1.209	1.220	0.1000	25.2	25.0	0.9	20.0
Acrylonitrile	Ave	0.6775	0.7274		268	250	7.4	20.0
Hexane	Ave	2.096	2.158		25.7	25.0	3.0	20.0
1,1-Dichloroethane	Ave	2.150	2.386	0.2000	27.7	25.0	11.0	20.0
Vinyl acetate	Ave	3.088	3.447		55.8	50.0	11.6	20.0
2,2-Dichloropropane	Ave	1.349	1.363		25.3	25.0	1.1	20.0
cis-1,2-Dichloroethene	Ave	1.282	1.274	0.1000	24.8	25.0	-0.6	20.0
2-Butanone (MEK)	Ave	0.9205	0.9614	0.1000	131	125	4.4	20.0
Chlorobromomethane	Ave	0.7492	0.6417		21.4	25.0	-14.4	20.0
Tetrahydrofuran	Ave	0.6178	0.6372		51.6	50.0	3.1	20.0
Chloroform	Ave	2.114	2.085	0.2000	24.7	25.0	-1.4	20.0
1,1,1-Trichloroethane	Ave	1.850	1.809	0.1000	24.4	25.0	-2.2	20.0
Cyclohexane	Ave	2.453	2.653	0.1000	27.0	25.0	8.1	20.0
Carbon tetrachloride	Ave	1.652	1.632	0.1000	24.7	25.0	-1.2	20.0
1,1-Dichloropropene	Ave	1.565	1.758		28.1	25.0	12.3	20.0
Benzene	Ave	4.613	4.810	0.5000	26.1	25.0	4.3	20.0
Isobutyl alcohol	Ave	0.0881	0.0889		630	625	0.9	50.0
1,2-Dichloroethane	Ave	1.819	1.939	0.1000	26.6	25.0	6.6	20.0
n-Heptane	Ave	2.168	2.409		27.8	25.0	11.1	20.0
Trichloroethene	Ave	1.252	1.223	0.2000	24.4	25.0	-2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Lab Sample ID: CCVIS 480-749897/4 Calibration Date: 06/24/2025 21:56

Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10

Lab File ID: S9068.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
Methylcyclohexane	Ave	2.221	2.176	0.1000	24.5	25.0	-2.1	20.0
1,2-Dichloropropane	Ave	1.227	1.246	0.1000	25.4	25.0	1.6	20.0
Dibromomethane	Ave	0.7869	0.7533	0.1000	23.9	25.0	-4.3	20.0
1,4-Dioxane	Ave	0.0057	0.0071		625	500	24.9	50.0
Bromodichloromethane	Ave	1.613	1.381	0.2000	21.4	25.0	-14.4	20.0
2-Chloroethyl vinyl ether	Ave	0.8733	0.8196		23.5	25.0	-6.1	20.0
cis-1,3-Dichloropropene	Ave	2.011	1.839	0.2000	22.9	25.0	-8.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8717	0.9899	0.1000	142	125	13.6	20.0
Toluene	Ave	1.480	1.550	0.4000	26.2	25.0	4.7	20.0
trans-1,3-Dichloropropene	Ave	0.9187	0.8505	0.1000	23.1	25.0	-7.4	20.0
Ethyl methacrylate	Ave	0.8796	0.8211		23.3	25.0	-6.6	20.0
1,1,2-Trichloroethane	Ave	0.4554	0.4431	0.1000	24.3	25.0	-2.7	20.0
Tetrachloroethene	Ave	0.6619	0.6835	0.2000	25.8	25.0	3.3	20.0
1,3-Dichloropropane	Ave	0.9196	0.9446		25.7	25.0	2.7	20.0
2-Hexanone	Ave	0.5654	0.6529	0.1000	144	125	15.5	20.0
Dibromochloromethane	Ave	0.6518	0.5316	0.1000	20.4	25.0	-18.4	20.0
1,2-Dibromoethane	Ave	0.5613	0.5471		24.4	25.0	-2.5	20.0
Chlorobenzene	Ave	1.712	1.718	0.5000	25.1	25.0	0.3	20.0
Ethylbenzene	Ave	2.760	2.934	0.1000	26.6	25.0	6.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6245	0.5887		23.6	25.0	-5.7	20.0
m,p-Xylene	Ave	1.128	1.134	0.1000	25.1	25.0	0.5	20.0
o-Xylene	Ave	1.094	1.144	0.3000	26.1	25.0	4.6	20.0
Styrene	Ave	1.801	1.779	0.3000	24.7	25.0	-1.2	20.0
Bromoform	Ave	0.4672	0.3301	0.1000	17.7	25.0	-29.3	50.0
Isopropylbenzene	Ave	2.377	2.589	0.1000	27.2	25.0	8.9	20.0
Bromobenzene	Ave	0.7068	0.6939		24.5	25.0	-1.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7119	0.7272	0.3000	25.5	25.0	2.2	20.0
N-Propylbenzene	Ave	2.937	3.353		28.5	25.0	14.2	20.0
1,2,3-Trichloropropane	Ave	0.2623	0.2461		23.5	25.0	-6.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3071	0.2512		20.5	25.0	-18.2	50.0
2-Chlorotoluene	Ave	0.6615	0.6644		25.1	25.0	0.4	20.0
1,3,5-Trimethylbenzene	Ave	2.143	2.323		27.1	25.0	8.4	20.0
4-Chlorotoluene	Ave	0.7083	0.7023		24.8	25.0	-0.8	20.0
tert-Butylbenzene	Ave	0.5103	0.5539		27.1	25.0	8.6	20.0
1,2,4-Trimethylbenzene	Ave	2.247	2.402		26.7	25.0	6.9	20.0
sec-Butylbenzene	Ave	2.680	3.037		28.3	25.0	13.3	20.0
1,3-Dichlorobenzene	Ave	1.309	1.349	0.6000	25.8	25.0	3.1	20.0
4-Isopropyltoluene	Ave	2.438	2.656		27.2	25.0	8.9	20.0
1,4-Dichlorobenzene	Ave	1.369	1.385	0.5000	25.3	25.0	1.2	20.0
n-Butylbenzene	Ave	2.083	2.340		28.1	25.0	12.3	20.0
1,2-Dichlorobenzene	Ave	1.254	1.308	0.4000	26.1	25.0	4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230498-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-749897/4 Calibration Date: 06/24/2025 21:56
 Instrument ID: HP5973S Calib Start Date: 05/16/2025 16:27
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/16/2025 19:10
 Lab File ID: S9068.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1527	0.1246	0.0500	20.4	25.0	-18.4	50.0
1,2,4-Trichlorobenzene	Ave	0.8842	0.8071	0.2000	22.8	25.0	-8.7	20.0
Hexachlorobutadiene	Ave	0.4306	0.3972		23.1	25.0	-7.7	20.0
Naphthalene	Ave	2.456	2.231		22.7	25.0	-9.1	20.0
1,2,3-Trichlorobenzene	Ave	0.8128	0.7464		23.0	25.0	-8.2	20.0
Dibromofluoromethane (Surr)	Ave	1.368	1.269		23.2	25.0	-7.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.8531	0.8622		25.3	25.0	1.1	20.0
Toluene-d8 (Surr)	Ave	2.489	2.536		25.5	25.0	1.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.8696	0.7811		22.5	25.0	-10.2	20.0

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9068.d
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 24-Jun-2025 21:56:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 480-0124163-004
 Operator ID: AG/LH Instrument ID: HP5973S
 Sublist: chrom-S-8260*sub26
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jun-2025 12:10:33 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:10:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	97	164792	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	316897	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	73	334863	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	53	209140	25.0	23.2	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	59	142083	25.0	25.3	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	71	803752	25.0	25.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	85	247540	25.0	22.5	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	87	241534	25.0	20.9	
12 Chloromethane	50	1.098	1.098	0.000	88	336741	25.0	26.8	
13 Vinyl chloride	62	1.165	1.165	0.000	82	265266	25.0	30.3	
151 Butadiene	54	1.171	1.171	0.000	97	328383	25.0	29.6	
14 Bromomethane	94	1.403	1.403	0.000	92	150778	25.0	24.8	
15 Chloroethane	64	1.457	1.457	0.000	97	167466	25.0	26.7	
16 Dichlorofluoromethane	67	1.628	1.628	0.000	82	407726	25.0	27.8	
17 Trichlorofluoromethane	101	1.640	1.640	0.000	61	335216	25.0	28.9	
18 Ethyl ether	59	1.847	1.847	0.000	96	204255	25.0	26.0	
20 Acrolein	56	2.005	2.005	0.000	94	119897	125.0	100.0	
22 1,1-Dichloroethene	96	2.029	2.029	0.000	85	166431	25.0	24.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.035	2.035	0.000	59	175259	25.0	27.3	
23 Acetone	43	2.145	2.145	0.000	97	562950	125.0	147.0	
25 Iodomethane	142	2.169	2.169	0.000	99	303352	25.0	23.6	
26 Carbon disulfide	76	2.200	2.200	0.000	100	515957	25.0	23.8	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	85	447466	25.0	27.7	
27 Methyl acetate	43	2.419	2.419	0.000	100	496502	50.0	49.5	
30 Methylene Chloride	84	2.504	2.504	0.000	91	197982	25.0	23.9	
31 2-Methyl-2-propanol	59	2.680	2.680	0.000	85	308670	250.0	217.2	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	93	669731	25.0	25.2	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	85	200975	25.0	25.2	
33 Acrylonitrile	53	2.778	2.778	0.000	98	1198743	250.0	268.4	
35 Hexane	57	2.899	2.899	0.000	96	355593	25.0	25.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	3.112	3.112	0.000	85	393250	25.0	27.7	
37 Vinyl acetate	43	3.179	3.179	0.000	96	1136067	50.0	55.8	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	88	224666	25.0	25.3	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	69	210022	25.0	24.8	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	96	792116	125.0	130.5	
48 Chlorobromomethane	128	3.873	3.873	0.000	86	105744	25.0	21.4	
49 Tetrahydrofuran	42	3.885	3.885	0.000	92	210013	50.0	51.6	
50 Chloroform	83	3.958	3.958	0.000	83	343642	25.0	24.7	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	78	298048	25.0	24.4	
52 Cyclohexane	56	4.049	4.049	0.000	97	437136	25.0	27.0	
55 Carbon tetrachloride	117	4.183	4.183	0.000	80	269003	25.0	24.7	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	89	289679	25.0	28.1	
57 Benzene	78	4.396	4.396	0.000	95	792600	25.0	26.1	
53 Isobutyl alcohol	43	4.463	4.463	0.000	60	366144	625.0	630.5	
58 1,2-Dichloroethane	62	4.469	4.469	0.000	73	319542	25.0	26.6	
59 n-Heptane	43	4.590	4.590	0.000	97	397006	25.0	27.8	
62 Trichloroethene	95	5.004	5.004	0.000	90	201470	25.0	24.4	
64 Methylcyclohexane	83	5.108	5.108	0.000	95	358535	25.0	24.5	
65 1,2-Dichloropropane	63	5.235	5.235	0.000	87	205329	25.0	25.4	
67 Dibromomethane	93	5.369	5.369	0.000	92	124139	25.0	23.9	
66 1,4-Dioxane	88	5.387	5.387	0.000	71	44756	500.0	624.6	
68 Dichlorobromomethane	83	5.533	5.533	0.000	89	227642	25.0	21.4	
69 2-Chloroethyl vinyl ether	63	5.825	5.825	0.000	91	135064	25.0	23.5	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	84	303005	25.0	22.9	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1568456	125.0	142.0	
74 Toluene	92	6.215	6.215	0.000	86	491122	25.0	26.2	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	92	269506	25.0	23.1	
75 Ethyl methacrylate	69	6.580	6.580	0.000	90	260204	25.0	23.3	
79 1,1,2-Trichloroethane	83	6.695	6.695	0.000	89	140415	25.0	24.3	
81 Tetrachloroethene	166	6.732	6.732	0.000	86	216588	25.0	25.8	
82 1,3-Dichloropropane	76	6.847	6.847	0.000	95	299330	25.0	25.7	
80 2-Hexanone	43	6.933	6.933	0.000	97	1034494	125.0	144.4	
83 Chlorodibromomethane	129	7.079	7.079	0.000	88	168461	25.0	20.4	
84 Ethylene Dibromide	107	7.164	7.164	0.000	96	173366	25.0	24.4	
87 Chlorobenzene	112	7.638	7.638	0.000	92	544281	25.0	25.1	
88 Ethylbenzene	91	7.742	7.742	0.000	98	929753	25.0	26.6	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	41	186544	25.0	23.6	
90 m-Xylene & p-Xylene	106	7.863	7.863	0.000	98	359351	25.0	25.1	
91 o-Xylene	106	8.283	8.283	0.000	98	362644	25.0	26.1	
92 Styrene	104	8.314	8.314	0.000	94	563620	25.0	24.7	
95 Bromoform	173	8.551	8.551	0.000	94	104618	25.0	17.7	
94 Isopropylbenzene	105	8.666	8.666	0.000	96	866798	25.0	27.2	
101 Bromobenzene	156	9.001	9.001	0.000	96	232373	25.0	24.5	
97 1,1,2,2-Tetrachloroethane	83	9.098	9.098	0.000	61	243527	25.0	25.5	
99 N-Propylbenzene	91	9.111	9.111	0.000	97	1122730	25.0	28.5	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	59	82394	25.0	23.5	
98 trans-1,4-Dichloro-2-butene	53	9.153	9.153	0.000	1	84126	25.0	20.5	
103 2-Chlorotoluene	126	9.208	9.208	0.000	95	222475	25.0	25.1	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	94	778006	25.0	27.1	
105 4-Chlorotoluene	126	9.330	9.330	0.000	98	235162	25.0	24.8	
106 tert-Butylbenzene	134	9.640	9.640	0.000	92	185497	25.0	27.1	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	55	804319	25.0	26.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.865	9.865	0.000	94	1016815	25.0	28.3	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	451790	25.0	25.8	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	96	889263	25.0	27.2	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	92	463843	25.0	25.3	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	783460	25.0	28.1	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	96	437998	25.0	26.1	
117 1,2-Dibromo-3-Chloropropane	75	11.209	11.209	0.000	70	41717	25.0	20.4	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	92	270252	25.0	22.8	
120 Hexachlorobutadiene	225	12.012	12.012	0.000	94	133009	25.0	23.1	
121 Naphthalene	128	12.104	12.104	0.000	97	747202	25.0	22.7	
122 1,2,3-Trichlorobenzene	180	12.304	12.304	0.000	92	249932	25.0	23.0	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00268	Amount Added: 12.50	Units: uL	
GAS CORP mix_00683	Amount Added: 12.50	Units: uL	
S_8260_Surr_00508	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_IS_00419	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9068.d

Injection Date: 24-Jun-2025 21:56:30

Instrument ID: HP5973S

Lims ID: CCVIS

Operator ID: AG/LH

Client ID:

Worklist Smp#: 4

Purge Vol: 5.000 mL

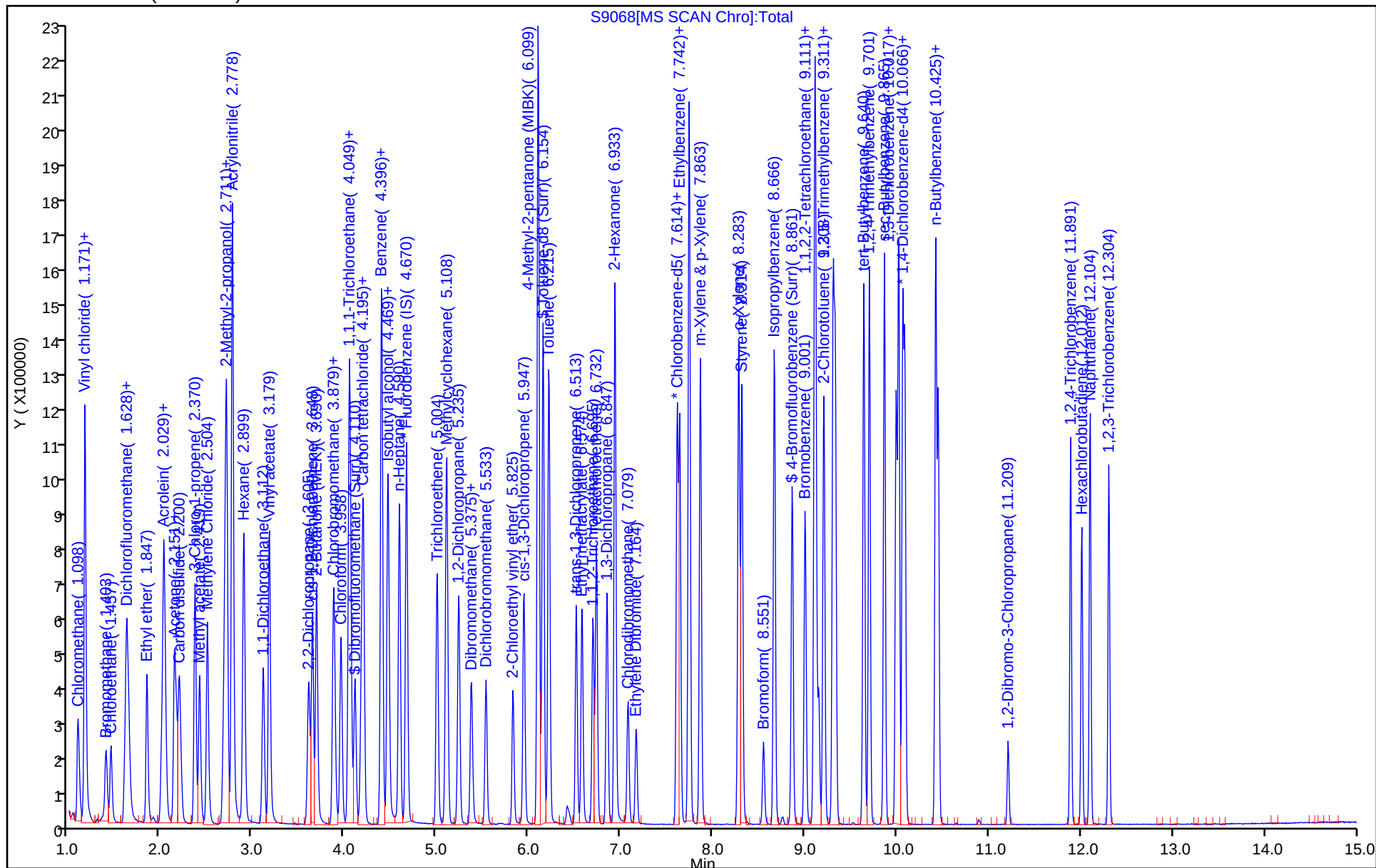
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8276.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 16-May-2025 15:37:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0123611-011
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 19-May-2025 11:44:00 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1613

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
\$ 61 BFB	95	3.084	3.084	0.000	0	179468	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_WRK_00173

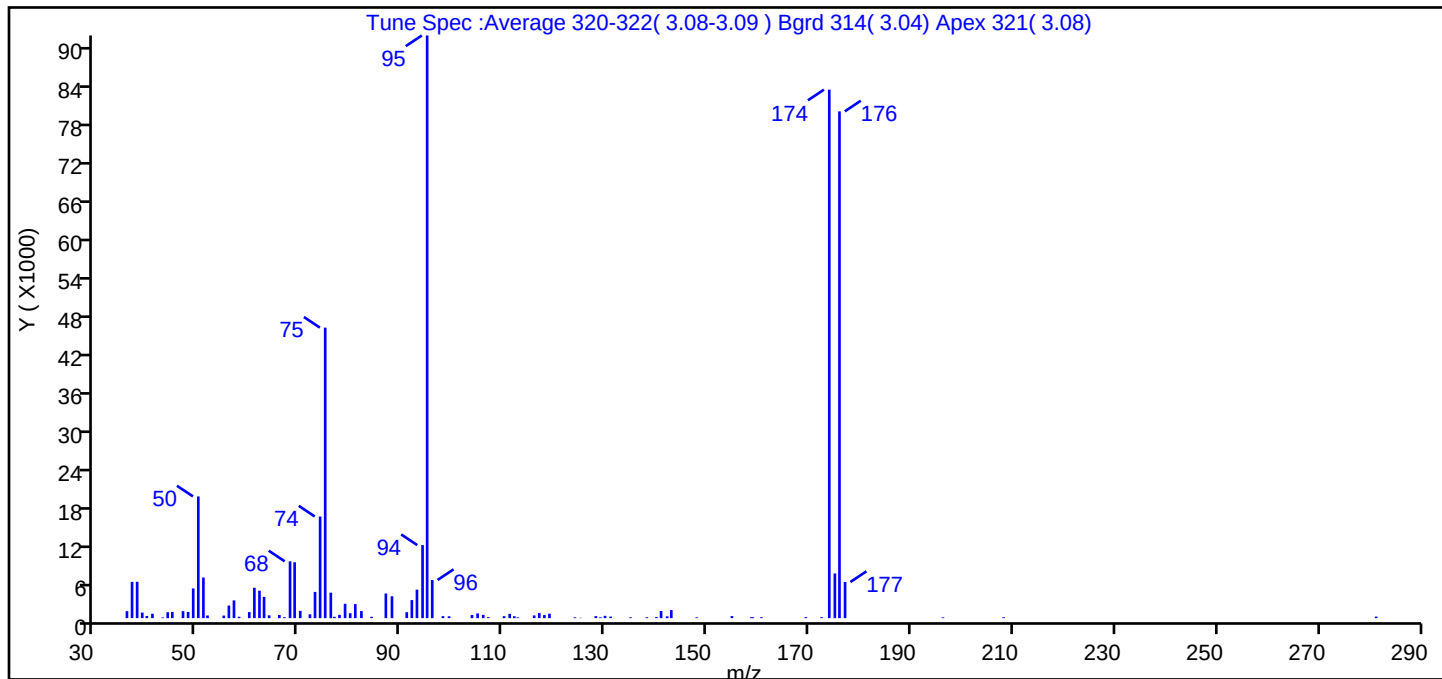
Amount Added: 1.00

Units: uL

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8276.d
Injection Date: 16-May-2025 15:37:30 Instrument ID: HP5973S
Lims ID: BFB
Client ID:
Operator ID: AG/LH ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

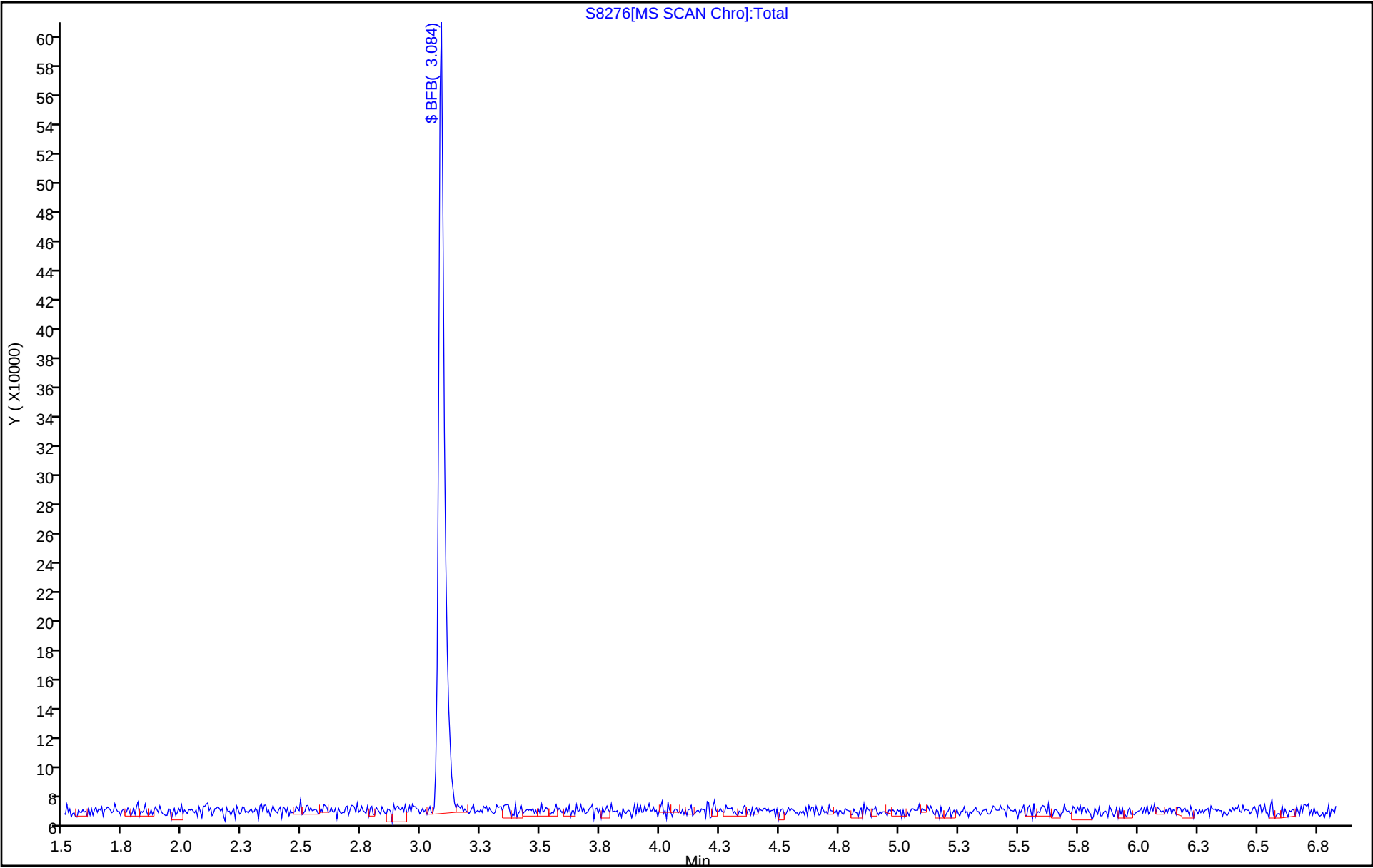
\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.9
75	30 to 60% of m/z 95	49.9
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	90.7
175	5 to 9% of m/z 174	7.7 (8.5)
176	Greater than 95% but less than 101% of m/z 174	87.0 (95.9)
177	5 to 9% of m/z 176	6.2 (7.1)

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8276.d\S-8260.rslt\spectra.d
Injection Date: 16-May-2025 15:37:30
Spectrum: Tune Spec :Average 320-322(3.08-3.09) Bgrd 314(3.04) Apex 321(3.08)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1094	64.00	437	94.00	11435	135.00	130
37.00	5684	66.00	489	95.00	91224	138.00	140
38.00	5696	67.00	145	96.00	5975	140.00	165
39.00	869	68.00	8893	98.00	315	141.00	1114
40.00	336	69.00	8747	99.00	290	142.00	279
41.00	686	70.00	1136	104.00	490	143.00	1262
43.00	109	72.00	605	105.00	738	148.00	118
44.00	928	73.00	4107	106.00	514	155.00	328
45.00	984	74.00	15912	107.00	145	159.00	135
47.00	1094	75.00	45480	110.00	311	159.00	141
48.00	969	76.00	3990	111.00	673	161.00	143
49.00	4651	77.00	211	112.00	298	169.00	162
50.00	19056	78.00	513	113.00	122	172.00	148
51.00	6361	79.00	2251	116.00	426	174.00	82744
52.00	417	80.00	770	117.00	787	175.00	7000
55.00	402	81.00	2201	118.00	486	176.00	79344
56.00	1969	82.00	1110	119.00	696	177.00	5657
57.00	2778	84.00	214	124.00	132	196.00	122
58.00	218	87.00	3859	125.00	52	208.00	131
60.00	947	88.00	3424	128.00	315	281.00	249
61.00	4765	91.00	934	129.00	125		
62.00	4291	92.00	2830	130.00	361		
63.00	3331	93.00	4461	131.00	245		



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8927.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 20-Jun-2025 10:59:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0124106-003
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2025 11:07:54 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1715

First Level Reviewer: FGO5

Date: 20-Jun-2025 11:07:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags

\$ 61 BFB	95	3.078	3.078	0.000	0	196193	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_WRK_00174

Amount Added: 1.00

Units: uL

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8927.d

Injection Date: 20-Jun-2025 10:59:30

Instrument ID: HP5973S

Lims ID: BFB

Client ID:

Operator ID: AG

ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 uL

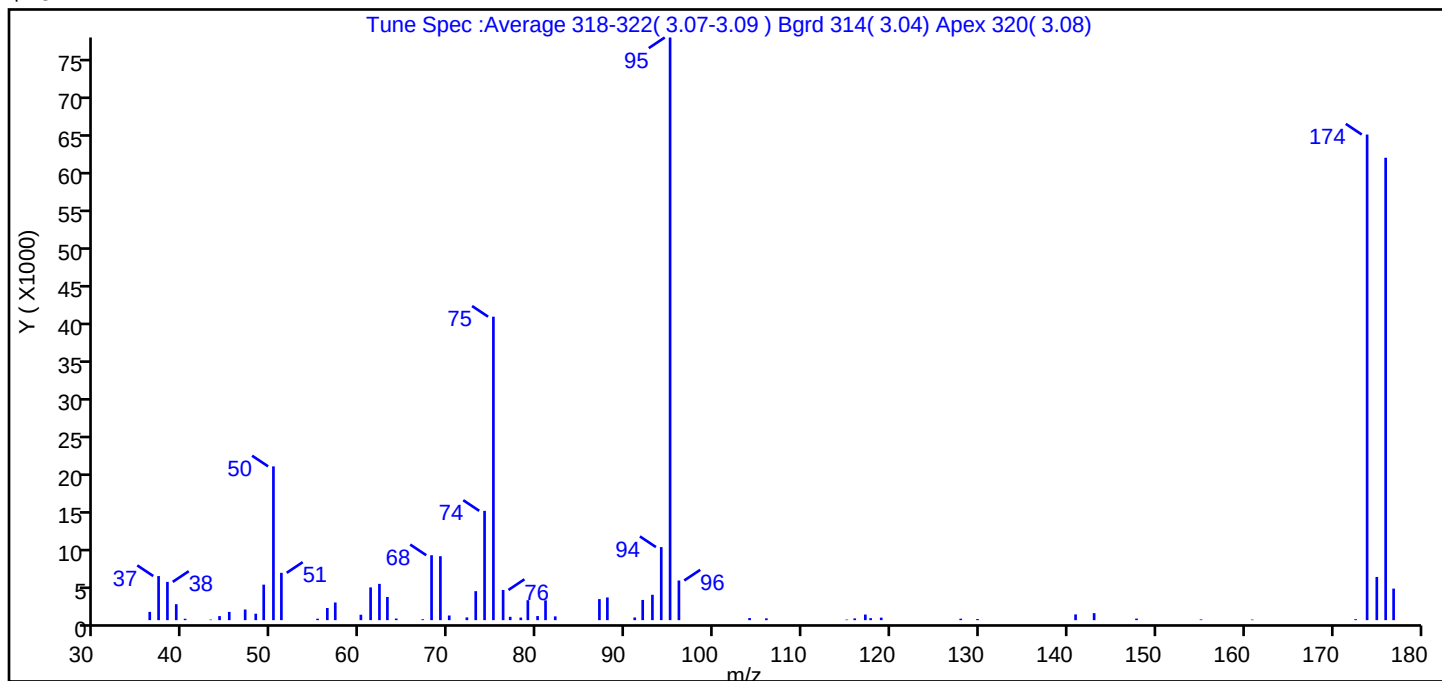
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	26.4
75	30 to 60% of m/z 95	52.1
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.2 (0.2)
174	50 to 120% of m/z 95	83.3
175	5 to 9% of m/z 174	7.4 (8.9)
176	Greater than 95% but less than 101% of m/z 174	79.4 (95.2)
177	5 to 9% of m/z 176	5.4 (6.8)

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8927.d\S-8260.rslt\spectra.d
Injection Date: 20-Jun-2025 10:59:30
Spectrum: Tune Spec :Average 318-322(3.07-3.09) Bgrd 314(3.04) Apex 320(3.08)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1107	60.00	725	79.00	2663	117.00	747
37.00	5884	61.00	4370	80.00	546	118.00	267
38.00	5106	62.00	4840	81.00	2642	119.00	333
39.00	2130	63.00	3090	82.00	501	128.00	195
40.00	184	64.00	212	87.00	2807	130.00	148
43.00	72	67.00	118	88.00	3028	141.00	765
44.00	539	68.00	8664	91.00	357	143.00	934
45.00	1105	69.00	8534	92.00	2696	148.00	208
47.00	1419	70.00	620	93.00	3383	155.00	95
48.00	859	72.00	366	94.00	9750	161.00	76
49.00	4737	73.00	3867	95.00	77752	173.00	130
50.00	20520	74.00	14583	96.00	5291	174.00	64800
51.00	6314	75.00	40496	104.00	276	175.00	5767
55.00	192	76.00	4027	106.00	237	176.00	61704
56.00	1622	77.00	443	115.00	75	177.00	4209
57.00	2356	78.00	342	116.00	231		

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8927.d

Injection Date: 20-Jun-2025 10:59:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: BFB

Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 uL

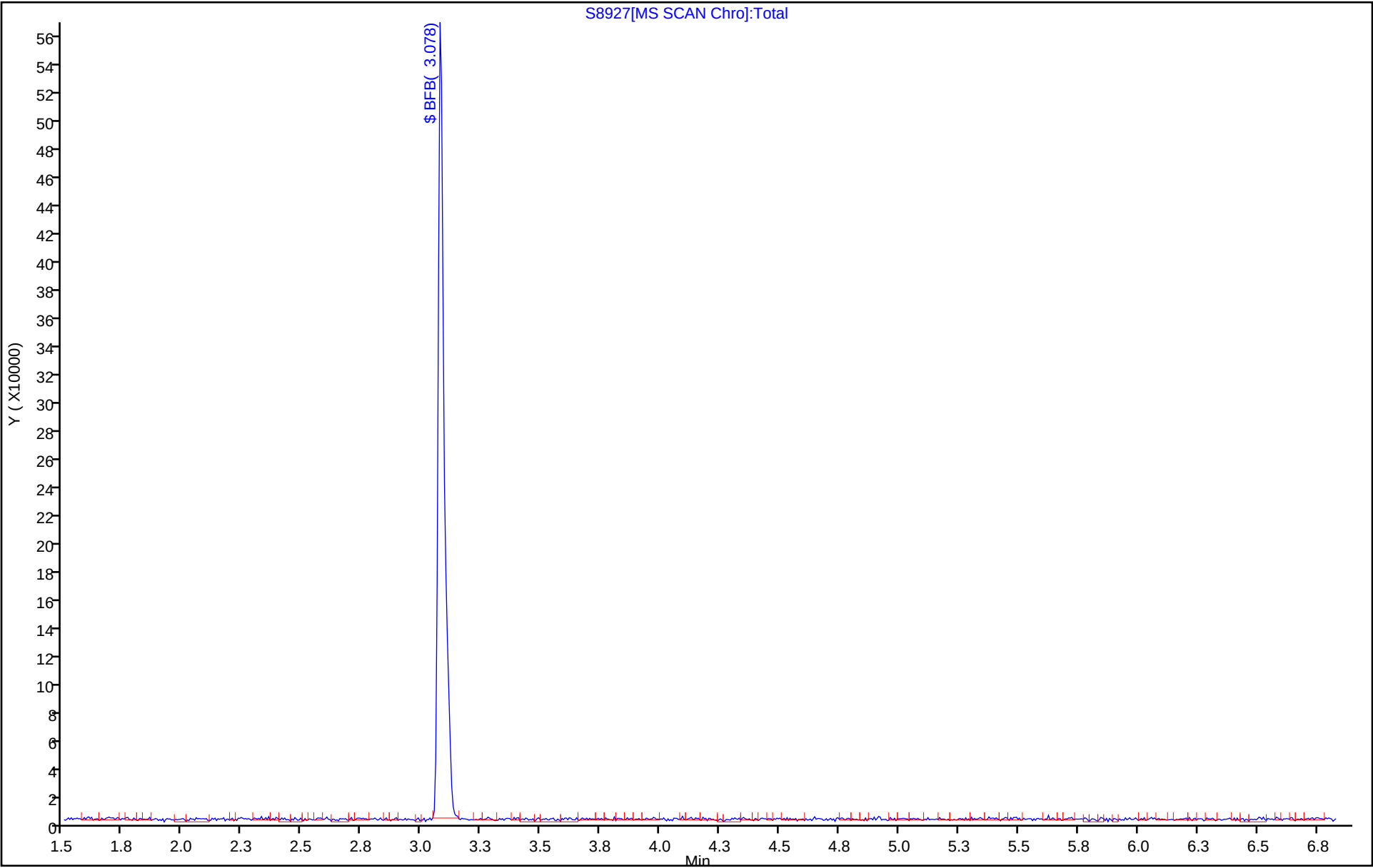
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8955.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 20-Jun-2025 22:04:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0124110-003
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2025 09:09:46 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 09:09:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags

\$ 61 BFB	95	3.163	3.163	0.000	0	1264684	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_WRK_00174

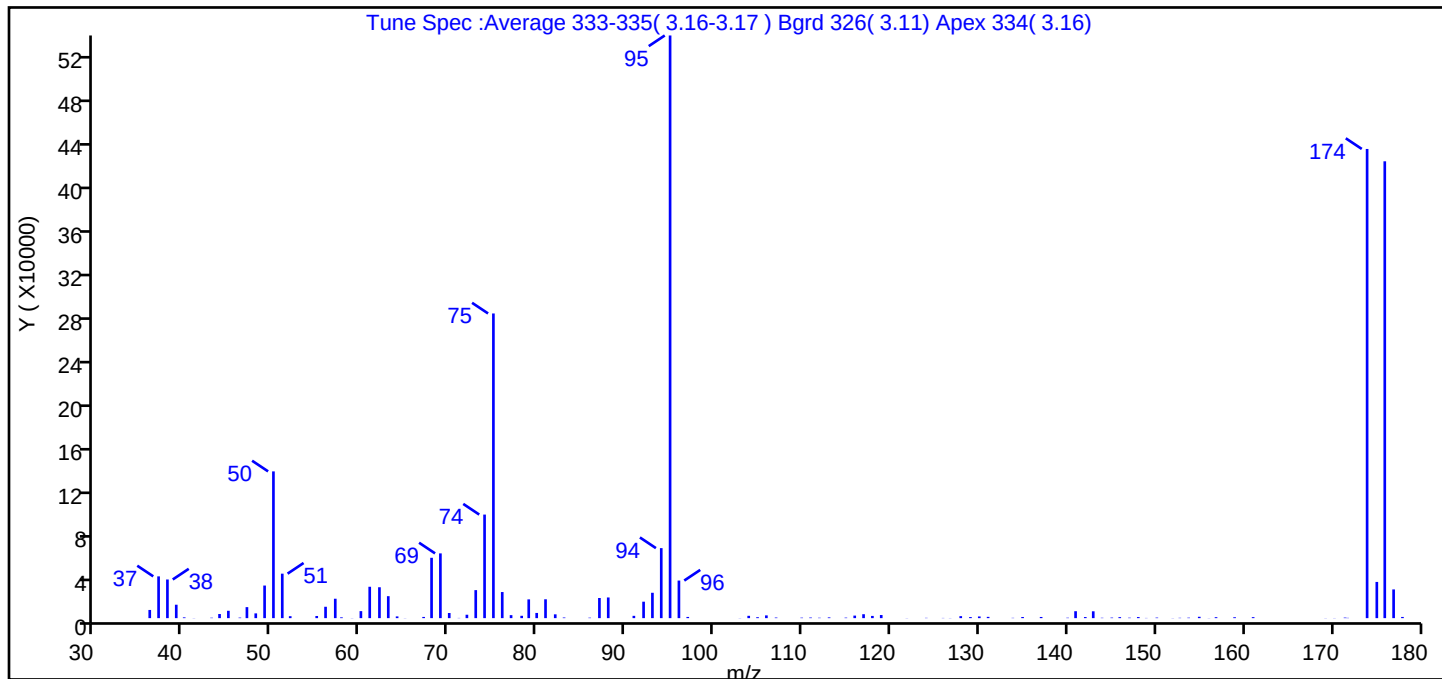
Amount Added: 1.00

Units: uL

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8955.d
Injection Date: 20-Jun-2025 22:04:30 Instrument ID: HP5973S
Lims ID: BFB
Client ID:
Operator ID: AG ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	25.2
75	30 to 60% of m/z 95	52.3
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	80.5
175	5 to 9% of m/z 174	6.2 (7.7)
176	Greater than 95% but less than 101% of m/z 174	78.4 (97.4)
177	5 to 9% of m/z 176	4.9 (6.3)

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8955.d\S-8260.rslt\spectra.d
Injection Date: 20-Jun-2025 22:04:30
Spectrum: Tune Spec :Average 333-335(3.16-3.17) Bgrd 326(3.11) Apex 334(3.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	7562	67.00	1116	103.00	127	142.00	1002
37.00	38568	68.00	55720	104.00	2153	143.00	6329
38.00	35688	69.00	59784	105.00	860	144.00	344
39.00	12393	70.00	4735	106.00	2544	145.00	511
40.00	709	71.00	193	107.00	552	146.00	929
41.00	123	72.00	3152	110.00	445	147.00	412
43.00	395	73.00	25864	111.00	559	148.00	994
44.00	3801	74.00	95616	112.00	370	149.00	187
45.00	6799	75.00	281280	113.00	684	150.00	503
46.00	508	76.00	24096	115.00	473	152.00	134
47.00	10169	77.00	2773	116.00	2349	153.00	301
48.00	4394	78.00	2170	117.00	3623	154.00	437
49.00	30096	79.00	17320	118.00	2054	155.00	1255
50.00	135488	80.00	4793	119.00	2876	156.00	120
51.00	41064	81.00	17416	122.00	119	157.00	873
52.00	1804	82.00	3518	124.00	275	159.00	820
55.00	1989	83.00	581	126.00	192	161.00	907
56.00	10503	86.00	427	127.00	138	169.00	121
57.00	17920	87.00	18592	128.00	1836	170.00	139
58.00	730	88.00	19096	129.00	978	171.00	502
59.00	127	91.00	2131	130.00	1549	172.00	260
60.00	6477	92.00	15193	131.00	1179	174.00	433152
61.00	28968	93.00	23424	134.00	279	175.00	33432
62.00	28528	94.00	64640	135.00	1046	176.00	421760
63.00	20280	95.00	537920	137.00	1076	177.00	26520
64.00	1600	96.00	34696	140.00	390	178.00	1098
65.00	119	97.00	1112	141.00	6396		

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8955.d

Injection Date: 20-Jun-2025 22:04:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: BFB

Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 uL

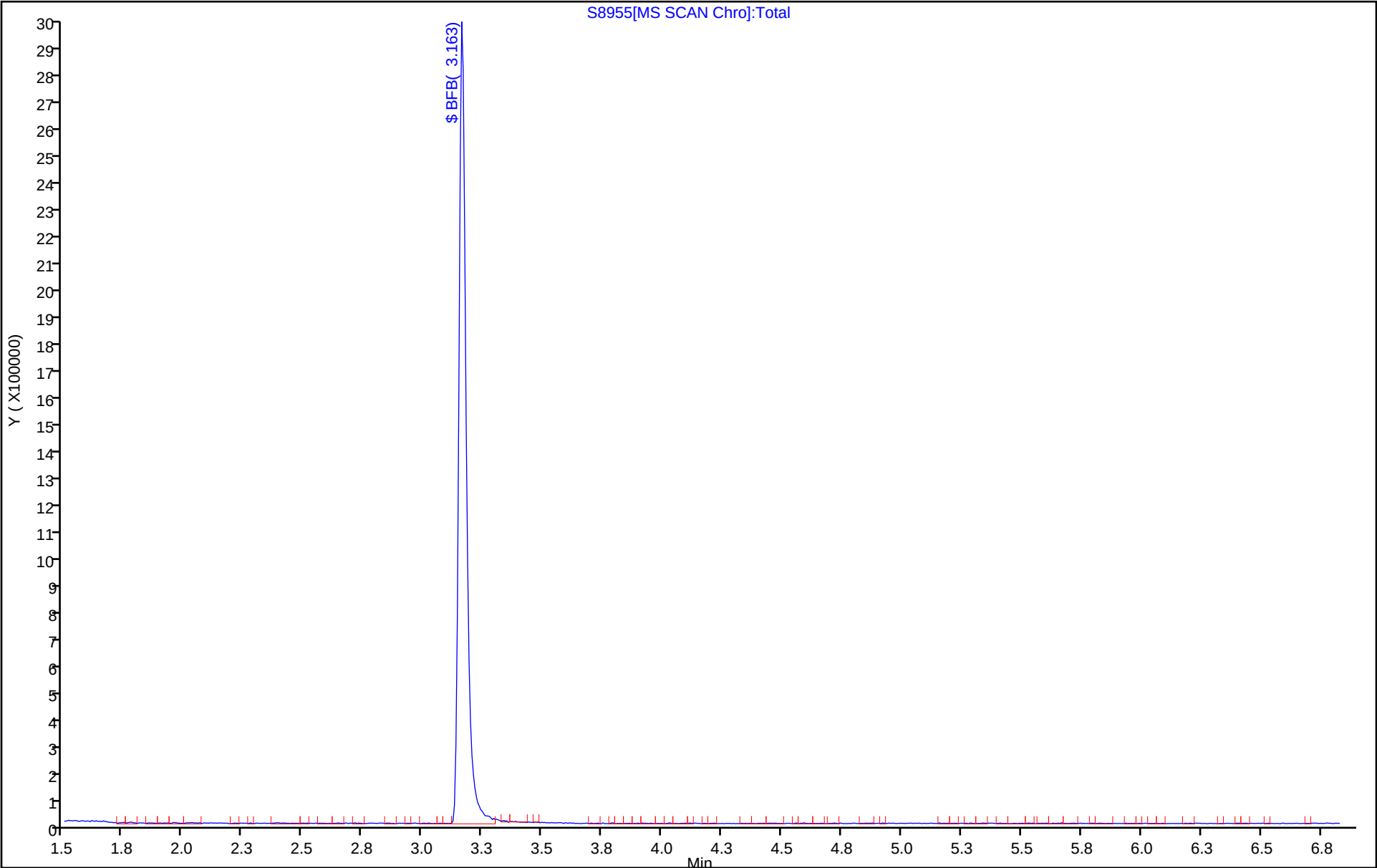
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9014.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 23-Jun-2025 23:11:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0124139-003
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2025 09:14:26 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 09:14:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags

\$ 61 BFB	95	3.163	3.163	0.000	0	1314667	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_WRK_00174

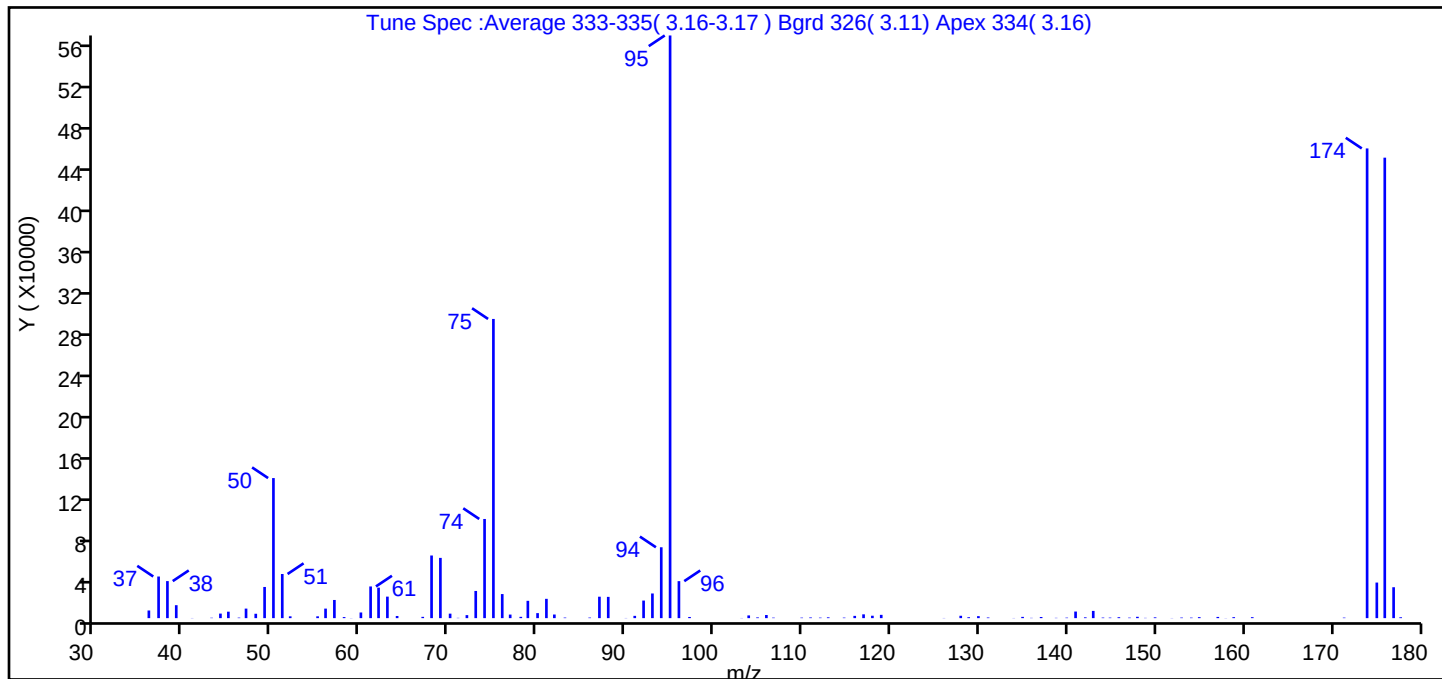
Amount Added: 1.00

Units: uL

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9014.d
Injection Date: 23-Jun-2025 23:11:30 Instrument ID: HP5973S
Lims ID: BFB
Client ID:
Operator ID: AG/LH ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	24.0
75	30 to 60% of m/z 95	51.4
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	80.6
175	5 to 9% of m/z 174	6.1 (7.6)
176	Greater than 95% but less than 101% of m/z 174	79.0 (98.0)
177	5 to 9% of m/z 176	5.3 (6.7)

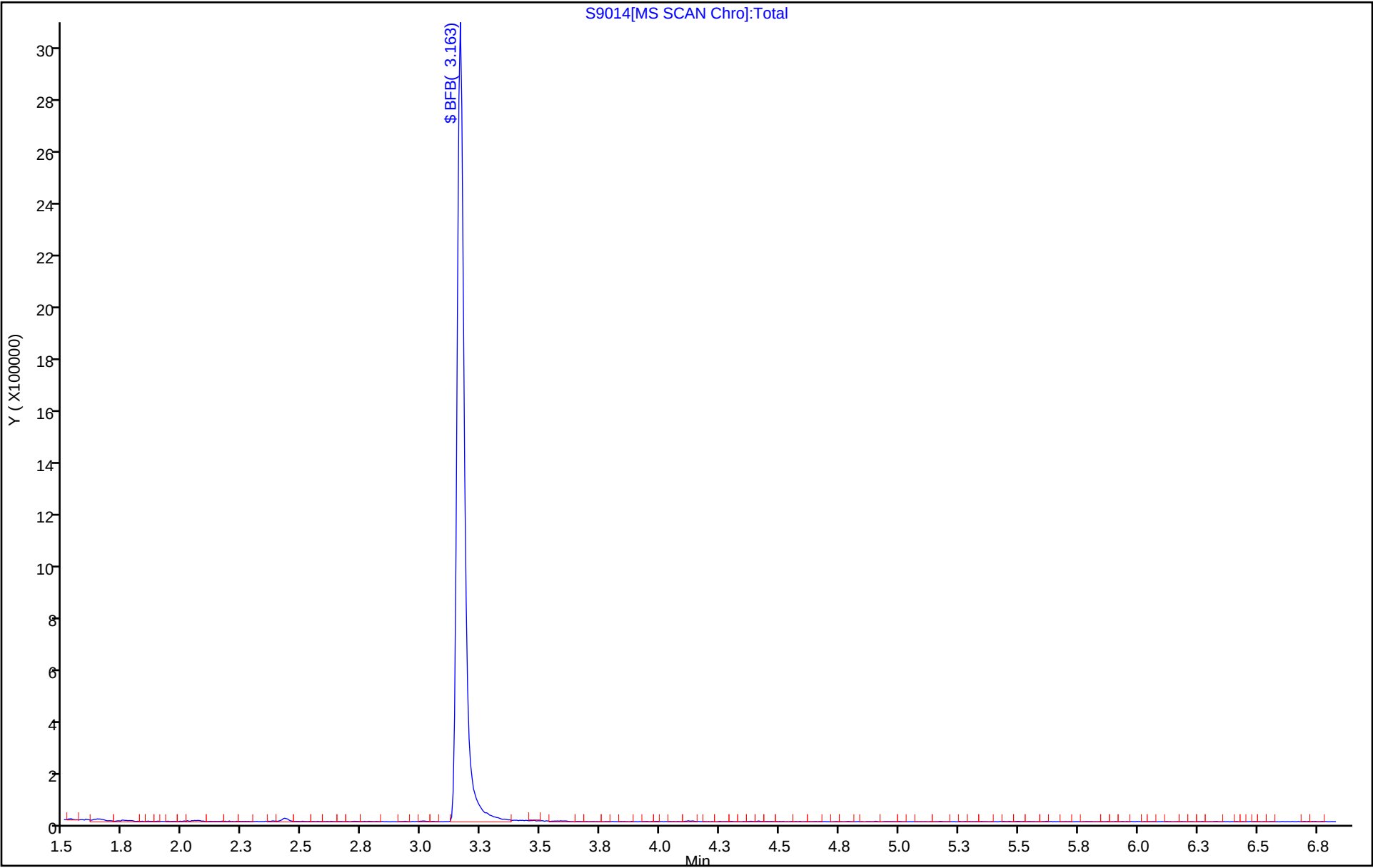
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9014.d\S-8260.rslt\spectra.d
Injection Date: 23-Jun-2025 23:11:30
Spectrum: Tune Spec :Average 333-335(3.16-3.17) Bgrd 326(3.11) Apex 334(3.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	7367	68.00	60336	97.00	1118	141.00	6357
37.00	40096	69.00	58040	103.00	157	142.00	767
38.00	35680	70.00	4335	104.00	2621	143.00	6973
39.00	12478	71.00	275	105.00	720	144.00	548
41.00	152	72.00	2905	106.00	3014	145.00	518
43.00	383	73.00	26184	107.00	489	146.00	897
44.00	4379	74.00	95520	110.00	488	147.00	493
45.00	6221	75.00	288192	111.00	660	148.00	1301
46.00	513	76.00	23192	112.00	495	149.00	259
47.00	9191	77.00	3447	113.00	782	150.00	756
48.00	4218	78.00	1259	115.00	510	152.00	148
49.00	30032	79.00	16680	116.00	2185	153.00	550
50.00	134912	80.00	4837	117.00	3667	154.00	501
51.00	42520	81.00	18600	118.00	2330	155.00	959
52.00	1747	82.00	3493	119.00	3171	157.00	1166
55.00	1749	83.00	543	126.00	160	158.00	124
56.00	9191	86.00	554	128.00	2285	159.00	929
57.00	17504	87.00	20648	129.00	885	161.00	924
58.00	1021	88.00	20488	130.00	1933	171.00	503
59.00	126	90.00	159	131.00	619	174.00	452416
60.00	5454	91.00	2203	134.00	158	175.00	34272
61.00	30528	92.00	16936	135.00	1216	176.00	443520
62.00	29392	93.00	23760	136.00	273	177.00	29776
63.00	20720	94.00	68264	137.00	1094	178.00	833
64.00	2076	95.00	561216	139.00	282		
67.00	1257	96.00	35632	140.00	481		

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9014.d
Injection Date: 23-Jun-2025 23:11:30 Instrument ID: HP5973S
Lims ID: BFB
Client ID:
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm)

Operator ID: AG/LH
Worklist Smp#: 3
ALS Bottle#: 3



Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9067.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 24-Jun-2025 21:33:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0124163-003
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 25-Jun-2025 09:14:16 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 09:14:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags

\$ 61 BFB	95	3.163	3.163	0.000	0	1343266	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_WRK_00174

Amount Added: 1.00

Units: uL

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9067.d

Injection Date: 24-Jun-2025 21:33:30

Instrument ID: HP5973S

Lims ID: BFB

Client ID:

Operator ID: AG/LH

ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 uL

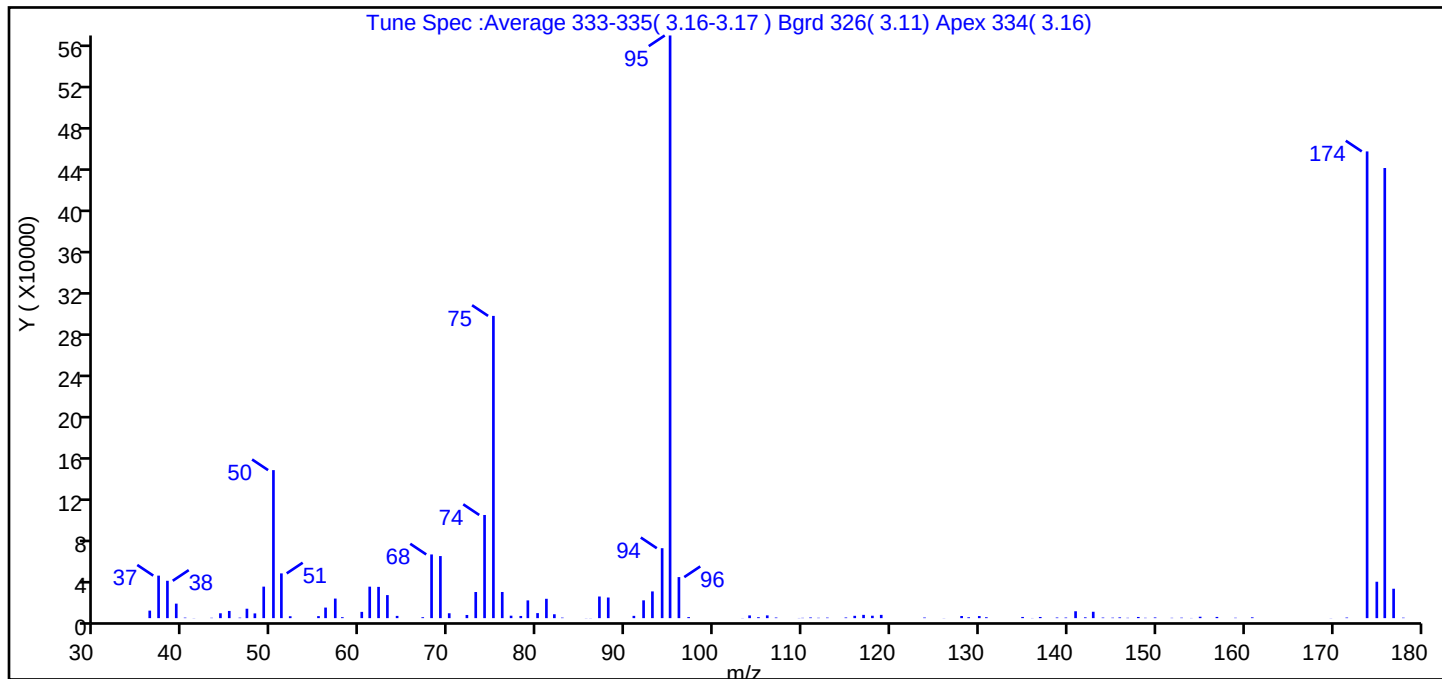
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Tune Method: BFB Method 8260

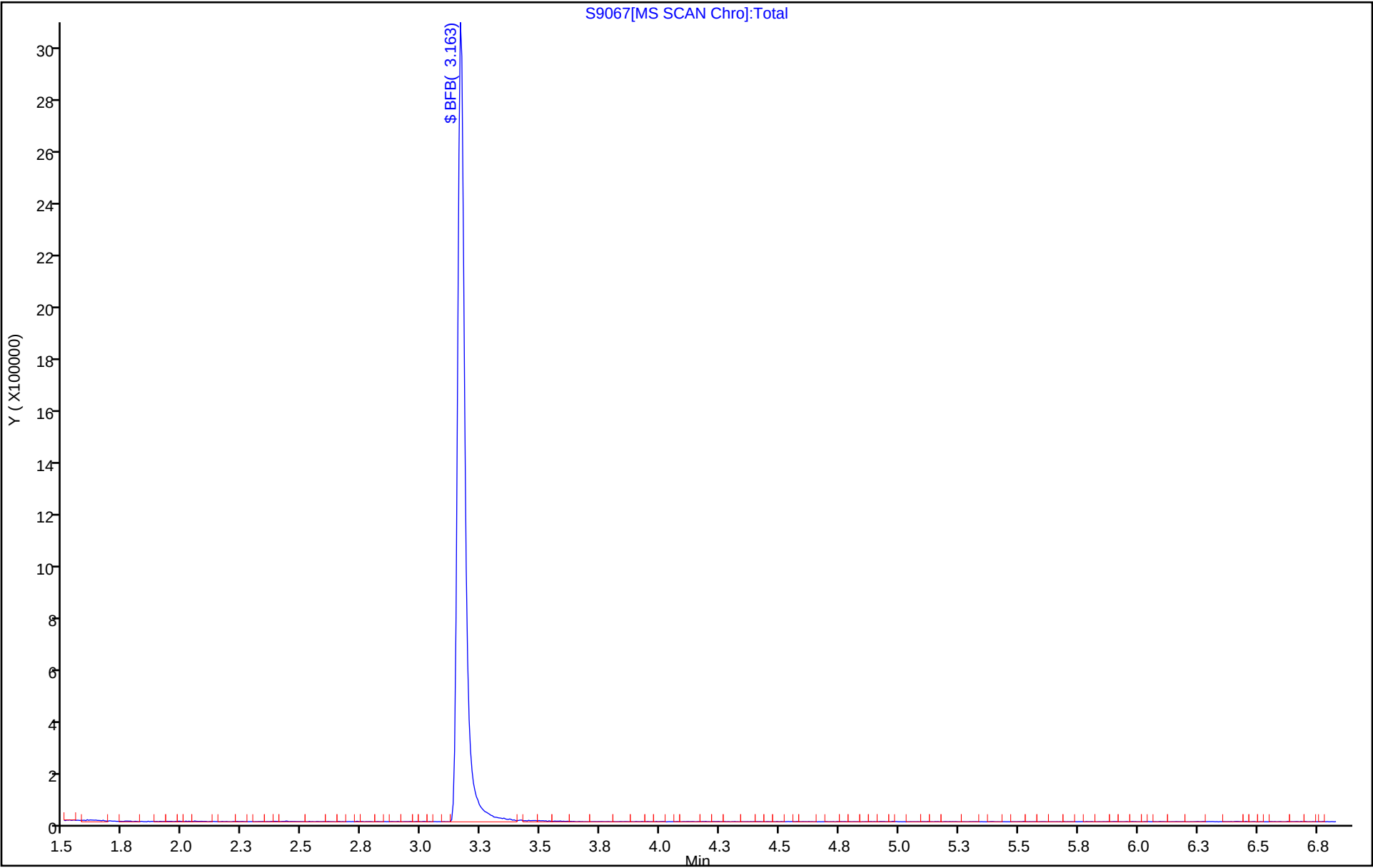
\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	25.4
75	30 to 60% of m/z 95	51.9
96	5 to 9% of m/z 95	7.0
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	6.2 (7.8)
176	Greater than 95% but less than 101% of m/z 174	77.3 (96.4)
177	5 to 9% of m/z 176	5.0 (6.5)

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9067.d\S-8260.rslt\spectra.d
Injection Date: 24-Jun-2025 21:33:30
Spectrum: Tune Spec :Average 333-335(3.16-3.17) Bgrd 326(3.11) Apex 334(3.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	7274	68.00	61640	103.00	147	141.00	6659
37.00	41144	69.00	60072	104.00	2636	142.00	779
38.00	36160	70.00	4723	105.00	899	143.00	6181
39.00	14046	72.00	3069	106.00	2669	144.00	558
40.00	497	73.00	25296	107.00	599	145.00	461
41.00	140	74.00	99824	110.00	157	146.00	749
43.00	345	75.00	292480	110.00	298	147.00	328
44.00	4704	76.00	25312	111.00	667	148.00	1132
45.00	6969	77.00	2376	112.00	344	149.00	340
46.00	478	78.00	2111	113.00	512	150.00	685
47.00	9123	79.00	17184	115.00	640	152.00	311
48.00	4584	80.00	4875	116.00	2247	153.00	458
49.00	30496	81.00	18728	117.00	3173	154.00	173
50.00	143232	82.00	3750	118.00	2341	155.00	1361
51.00	43312	83.00	505	119.00	3160	157.00	1172
52.00	1839	86.00	123	124.00	583	159.00	378
55.00	1955	86.00	139	126.00	121	161.00	779
56.00	10228	87.00	20944	128.00	2062	170.00	123
57.00	18936	88.00	19960	129.00	831	172.00	568
58.00	922	91.00	2218	130.00	2019	174.00	451648
60.00	6069	92.00	17224	131.00	879	175.00	35232
61.00	30472	93.00	25864	135.00	1150	176.00	435584
62.00	30256	94.00	67680	136.00	158	177.00	28464
63.00	22304	95.00	563840	137.00	1115	178.00	440
64.00	2175	96.00	39720	139.00	621		
67.00	910	97.00	989	140.00	581		



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-749486/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8932.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 12:57</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-749486/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8932.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 12:57</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	0.871	J	1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-120
460-00-4	4-Bromofluorobenzene (Surr)	90		73-120
1868-53-7	Dibromofluoromethane (Surr)	92		75-123
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8932.d
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 20-Jun-2025 12:57:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 480-0124106-008
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 20-Jun-2025 13:17:44 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1715

First Level Reviewer: FGO5

Date: 20-Jun-2025 13:17:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	99	149280	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.608	7.614	-0.006	87	292936	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	299511	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	55	188534	25.0	23.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	136445	25.0	26.8	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.149	0.000	85	726690	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.854	0.000	88	228812	25.0	22.5	
10 Dichlorodifluoromethane	85		0.965					ND	
11 Chlorodifluoromethane	51		0.983					ND	
12 Chloromethane	50		1.099					ND	
151 Butadiene	54		1.172					ND	
13 Vinyl chloride	62		1.172					ND	
14 Bromomethane	94		1.403					ND	
15 Chloroethane	64		1.458					ND	
16 Dichlorofluoromethane	67		1.628					ND	
17 Trichlorofluoromethane	101		1.640					ND	
18 Ethyl ether	59		1.847					ND	
148 Ethanol	45		1.865					ND	
19 Propene oxide	58		1.926					ND	
20 Acrolein	56		2.005					ND	
22 1,1-Dichloroethene	96		2.036					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.042					ND	
23 Acetone	43		2.145					ND	
25 Iodomethane	142		2.182					ND	
26 Carbon disulfide	76		2.212					ND	
24 Isopropyl alcohol	45		2.328					ND	
28 3-Chloro-1-propene	41		2.370					ND	
27 Methyl acetate	43		2.419					ND	
29 Acetonitrile	40		2.431					ND	
30 Methylene Chloride	84	2.510	2.504	0.006	91	14575		0.8713	
31 2-Methyl-2-propanol	59		2.686					ND	U

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		2.705					ND	
34 trans-1,2-Dichloroethene	96		2.717					ND	
33 Acrylonitrile	53		2.778					ND	
35 Hexane	57		2.899					ND	
39 1,1-Dichloroethane	63		3.112					ND	
36 Isopropyl ether	45		3.137					ND	
40 2-Chloro-1,3-butadiene	53		3.167					ND	
37 Vinyl acetate	43		3.179					ND	
38 1,1-Dimethoxyethane	75		3.204					ND	
41 Tert-butyl ethyl ether	59		3.465					ND	
44 2,2-Dichloropropane	77		3.605					ND	
45 cis-1,2-Dichloroethene	96		3.648					ND	
43 2-Butanone (MEK)	43		3.690					ND	
42 Ethyl acetate	43		3.733					ND	7
46 Propionitrile	54		3.794					ND	
139 Halothane	117		3.822					ND	
48 Chlorobromomethane	128		3.873					ND	
49 Tetrahydrofuran	42		3.885					ND	
47 Methacrylonitrile	41		3.897					ND	
50 Chloroform	83		3.958					ND	
52 Cyclohexane	56		4.049					ND	
51 1,1,1-Trichloroethane	97		4.049					ND	
55 Carbon tetrachloride	117		4.183					ND	
54 1,1-Dichloropropene	75		4.201					ND	
57 Benzene	78		4.396					ND	
152 Isooctane	57		4.402					ND	
53 Isobutyl alcohol	43		4.469					ND	
58 1,2-Dichloroethane	62		4.475					ND	
56 Tert-amyl methyl ether	73		4.487					ND	
147 t-Amyl alcohol	59		4.512					ND	
59 n-Heptane	43		4.591					ND	
1 1,4-Difluorobenzene	114		4.791					ND	
141 2,4,4-Trimethyl-1-pentene	55		4.877					ND	
62 Trichloroethene	95		5.004					ND	
60 n-Butanol	56		5.083					ND	
64 Methylcyclohexane	83		5.108					ND	
142 Ethyl acrylate	55		5.156					ND	
140 2,4,4-Trimethyl-2-pentene	97		5.202					ND	
65 1,2-Dichloropropane	63		5.235					ND	
63 Methyl methacrylate	41		5.363					ND	
67 Dibromomethane	93		5.375					ND	
66 1,4-Dioxane	88		5.388					ND	
68 Dichlorobromomethane	83		5.534					ND	
70 2-Nitropropane	43		5.789					ND	
69 2-Chloroethyl vinyl ether	63		5.826					ND	
71 Epichlorohydrin	57		5.911					ND	
72 cis-1,3-Dichloropropene	75		5.947					ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099					ND	
74 Toluene	92		6.215					ND	
76 2-Methylthiophene	97		6.349					ND	
77 trans-1,3-Dichloropropene	75		6.513					ND	
78 3-Methylthiophene	97		6.513					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
75 Ethyl methacrylate	69		6.580					ND	
79 1,1,2-Trichloroethane	83		6.696					ND	
81 Tetrachloroethene	166		6.738					ND	
82 1,3-Dichloropropane	76		6.848					ND	
80 2-Hexanone	43		6.933					ND	
155 n-Butyl acetate	43		7.055					ND	
83 Chlorodibromomethane	129		7.079					ND	
84 Ethylene Dibromide	107		7.164					ND	
146 1-Chlorohexane	55		7.614					ND	U
87 Chlorobenzene	112		7.638					ND	
85 3-Chlorobenzotrifluoride	180		7.645					ND	
86 4-Chlorobenzotrifluoride	180		7.706					ND	
88 Ethylbenzene	91		7.742					ND	
89 1,1,1,2-Tetrachloroethane	131		7.748					ND	
90 m-Xylene & p-Xylene	106		7.864					ND	
91 o-Xylene	106		8.283					ND	
92 Styrene	104		8.314					ND	
95 Bromoform	173		8.551					ND	
93 2-Chlorobenzotrifluoride	180		8.606					ND	
94 Isopropylbenzene	105		8.667					ND	
96 Cyclohexanone	55		8.837					ND	
101 Bromobenzene	156		9.001					ND	
97 1,1,2,2-Tetrachloroethane	83		9.105					ND	
99 N-Propylbenzene	91		9.111					ND	
100 1,2,3-Trichloropropane	110		9.123					ND	
98 trans-1,4-Dichloro-2-butene	53		9.153					ND	
103 2-Chlorotoluene	126		9.208					ND	
104 3-Chlorotoluene	126		9.281					ND	
102 1,3,5-Trimethylbenzene	105		9.305					ND	
105 4-Chlorotoluene	126		9.330					ND	
106 tert-Butylbenzene	134		9.640					ND	
108 Pentachloroethane	167		9.695					ND	
107 1,2,4-Trimethylbenzene	105		9.701					ND	
109 sec-Butylbenzene	105		9.865					ND	
111 1,3-Dichlorobenzene	146		9.993					ND	
110 4-Isopropyltoluene	119		10.023					ND	
114 Dicyclopentadiene	66		10.054					ND	
113 1,4-Dichlorobenzene	146		10.090					ND	
112 1,2,3-Trimethylbenzene	105		10.127					ND	
150 Benzyl chloride	126		10.255					ND	
115 n-Butylbenzene	91		10.425					ND	
116 1,2-Dichlorobenzene	146		10.449					ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210					ND	
118 1,3,5-Trichlorobenzene	180		11.343					ND	
119 1,2,4-Trichlorobenzene	180		11.891					ND	
120 Hexachlorobutadiene	225		12.013					ND	
121 Naphthalene	128		12.104					ND	
122 1,2,3-Trichlorobenzene	180		12.305					ND	
149 2-Methylnaphthalene	142		13.023					ND	
138 cis-1,4-Dichloro-2-butene	88		0.000					ND	
136 Nitrobenzene	77		0.000					ND	
134 Pentachloroethane TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
143 Propene oxide TIC	1		0.000					ND	
145 Ethylene oxide TIC	1		0.000					ND	
144 1-Bromopropane TIC	1		0.000					ND	
135 Hexachloroethane	117		0.000					ND	
S 126 1,3-Dichloropropene, Total	1		30.000					ND	7
S 125 1,2-Dichloroethene, Total	1		30.000					ND	7
S 123 Total BTEX	1		30.000					ND	7
S 124 Xylenes, Total	1		30.000					ND	7
S 157 Trihalomethanes, Total	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8932.d

Injection Date: 20-Jun-2025 12:57:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

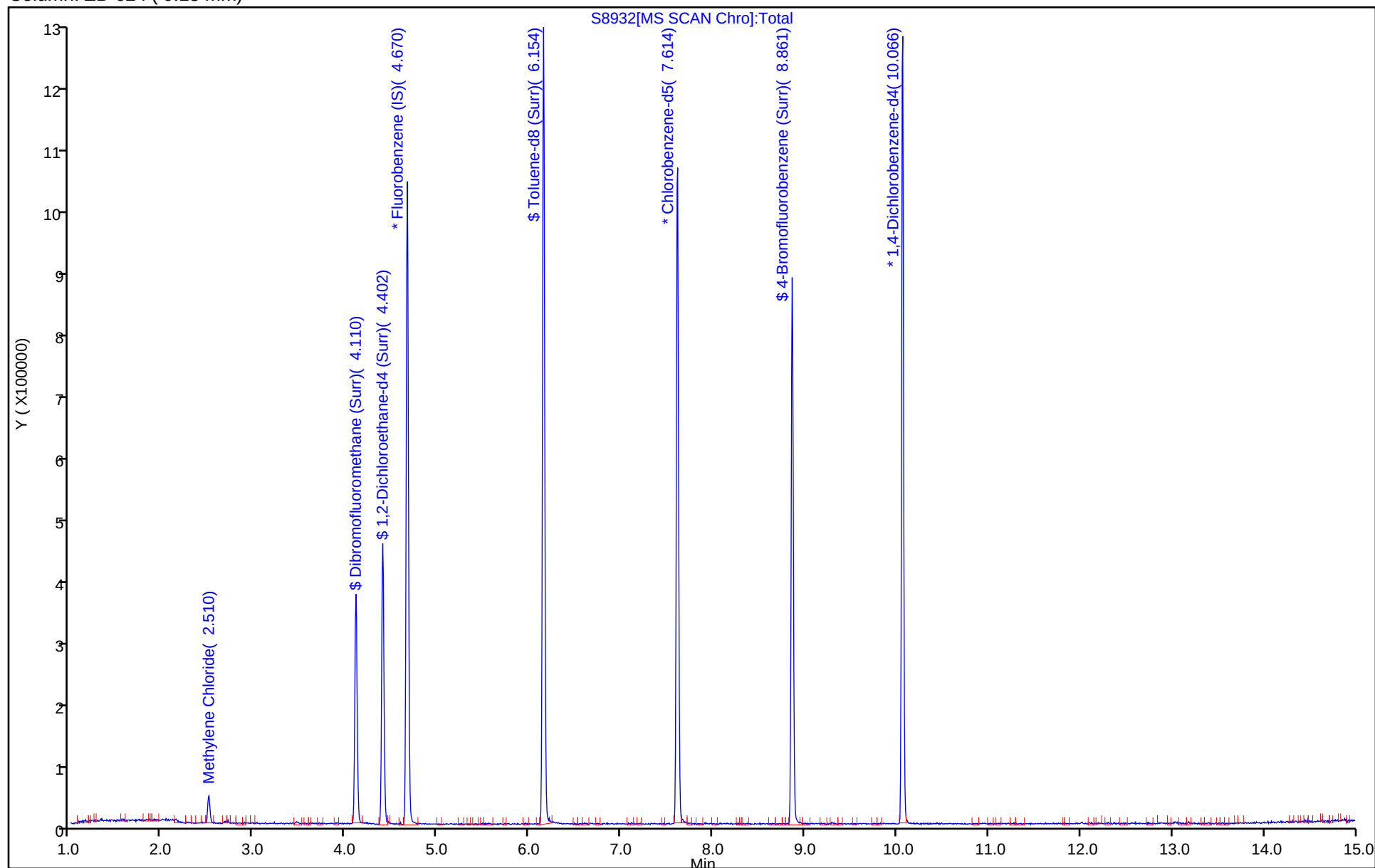
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8932.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Jun-2025 12:57:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0124106-008
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2025 13:17:44 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1715

First Level Reviewer: FGO5

Date: 20-Jun-2025 13:17:44

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	23.1	92.32
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.8	107.14
\$ 5 Toluene-d8 (Surr)	25.0	24.9	99.67
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.5	89.83

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8932.d

Injection Date: 20-Jun-2025 12:57:30

Instrument ID: HP5973S

Lims ID: MB

Client ID:

Operator ID: AG

ALS Bottle#: 8

Worklist Smp#: 8

Purge Vol: 5.000 mL

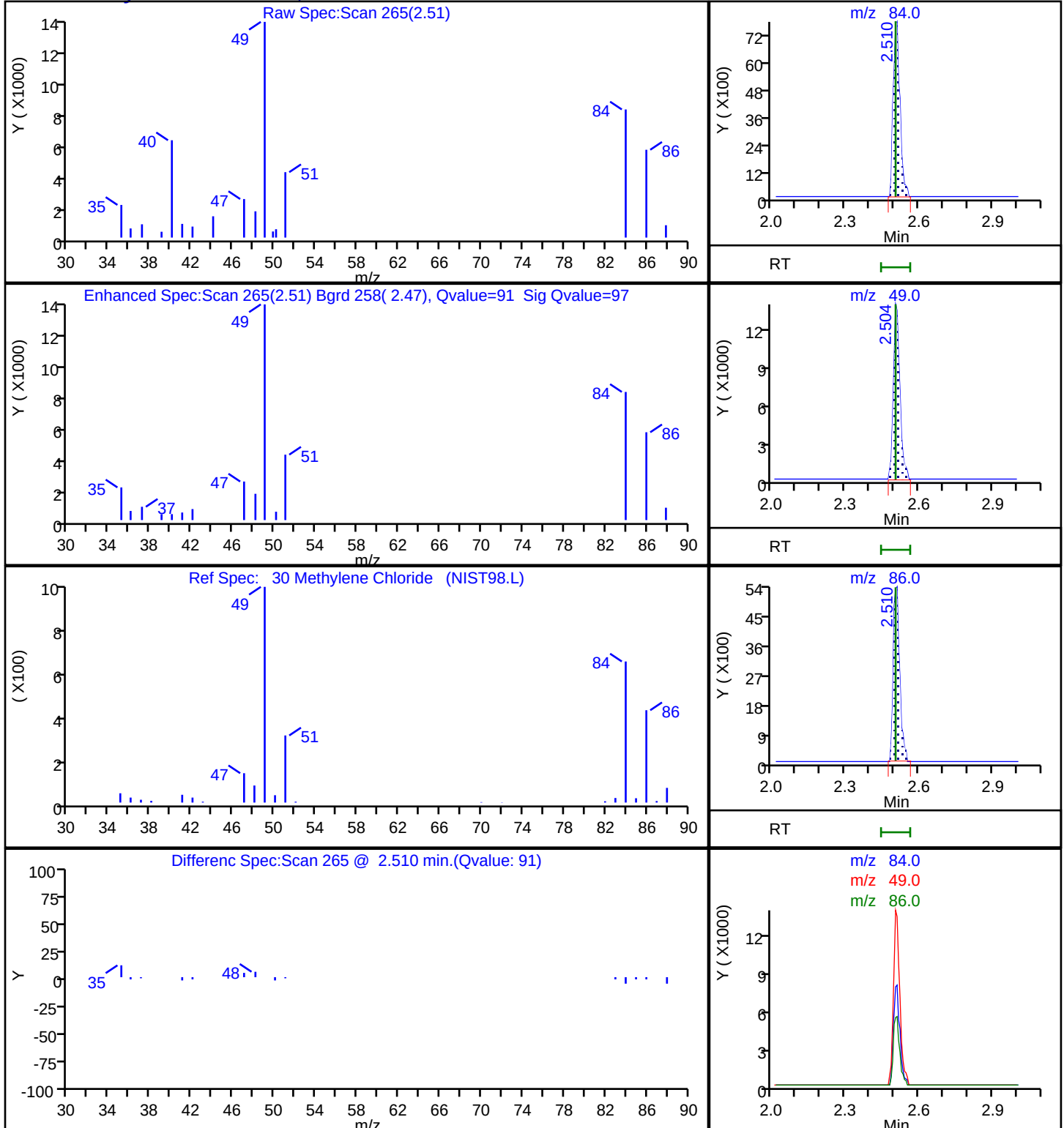
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-749533/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8960.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/21/2025 00:01</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749533</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-749533/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8960.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/21/2025 00:01</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749533</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	0.731	J	1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	87		73-120
1868-53-7	Dibromofluoromethane (Surr)	90		75-123
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8960.d
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 21-Jun-2025 00:01:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 480-0124110-008
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 23-Jun-2025 13:04:57 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 13:04:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	154603	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.608	7.614	-0.006	88	294076	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	289086	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	57	189419	25.0	22.4	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	136295	25.0	25.8	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	85	750871	25.0	25.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	87	221759	25.0	21.7	
10 Dichlorodifluoromethane	85		0.965					ND	
11 Chlorodifluoromethane	51		0.983					ND	
12 Chloromethane	50		1.093					ND	
13 Vinyl chloride	62		1.166					ND	
151 Butadiene	54		1.172					ND	
14 Bromomethane	94		1.403					ND	
15 Chloroethane	64		1.458					ND	
16 Dichlorofluoromethane	67		1.628					ND	
17 Trichlorofluoromethane	101		1.640					ND	
18 Ethyl ether	59		1.847					ND	
148 Ethanol	45		1.865					ND	
19 Propene oxide	58		1.926					ND	
20 Acrolein	56		2.005					ND	
22 1,1-Dichloroethene	96		2.036					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.042					ND	
23 Acetone	43		2.151					ND	U
25 Iodomethane	142		2.175					ND	
26 Carbon disulfide	76		2.212					ND	
24 Isopropyl alcohol	45		2.327					ND	
28 3-Chloro-1-propene	41		2.370					ND	
27 Methyl acetate	43		2.419					ND	
29 Acetonitrile	40		2.431					ND	U
30 Methylene Chloride	84	2.504	2.504	0.000	81	14056		0.7311	
31 2-Methyl-2-propanol	59		2.686					ND	U

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		2.705					ND	
34 trans-1,2-Dichloroethene	96		2.717					ND	
33 Acrylonitrile	53		2.778					ND	
35 Hexane	57		2.899					ND	
39 1,1-Dichloroethane	63		3.112					ND	
36 Isopropyl ether	45		3.137					ND	
40 2-Chloro-1,3-butadiene	53		3.167					ND	
37 Vinyl acetate	43		3.179					ND	
38 1,1-Dimethoxyethane	75		3.210					ND	
41 Tert-butyl ethyl ether	59		3.465					ND	U
44 2,2-Dichloropropane	77		3.611					ND	
45 cis-1,2-Dichloroethene	96		3.648					ND	
43 2-Butanone (MEK)	43		3.690					ND	
42 Ethyl acetate	43		3.733					ND	
46 Propionitrile	54		3.794					ND	
139 Halothane	117		3.822					ND	
48 Chlorobromomethane	128		3.873					ND	
49 Tetrahydrofuran	42		3.891					ND	
47 Methacrylonitrile	41		3.897					ND	
50 Chloroform	83		3.958					ND	
51 1,1,1-Trichloroethane	97		4.049					ND	
52 Cyclohexane	56		4.049					ND	
55 Carbon tetrachloride	117		4.183					ND	
54 1,1-Dichloropropene	75		4.201					ND	
57 Benzene	78		4.396					ND	
152 Isooctane	57		4.402					ND	U
53 Isobutyl alcohol	43		4.463					ND	
58 1,2-Dichloroethane	62		4.475					ND	
56 Tert-amyl methyl ether	73		4.487					ND	
147 t-Amyl alcohol	59		4.511					ND	
59 n-Heptane	43		4.591					ND	
1 1,4-Difluorobenzene	114		4.791					ND	
141 2,4,4-Trimethyl-1-pentene	55		4.877					ND	
62 Trichloroethene	95		5.004					ND	
60 n-Butanol	56		5.077					ND	
64 Methylcyclohexane	83		5.108					ND	
142 Ethyl acrylate	55		5.156					ND	
140 2,4,4-Trimethyl-2-pentene	97		5.202					ND	
65 1,2-Dichloropropane	63		5.235					ND	
63 Methyl methacrylate	41		5.363					ND	
67 Dibromomethane	93		5.369					ND	
66 1,4-Dioxane	88		5.388					ND	
68 Dichlorobromomethane	83		5.534					ND	
70 2-Nitropropane	43		5.789					ND	
69 2-Chloroethyl vinyl ether	63		5.826					ND	
71 Epichlorohydrin	57		5.905					ND	
72 cis-1,3-Dichloropropene	75		5.947					ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099					ND	
74 Toluene	92		6.215					ND	
76 2-Methylthiophene	97		6.349					ND	
78 3-Methylthiophene	97		6.513					ND	
77 trans-1,3-Dichloropropene	75		6.513					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
75 Ethyl methacrylate	69		6.580					ND	
79 1,1,2-Trichloroethane	83		6.696					ND	
81 Tetrachloroethene	166		6.732					ND	
82 1,3-Dichloropropane	76		6.848					ND	
80 2-Hexanone	43		6.933					ND	
155 n-Butyl acetate	43		7.054					ND	
83 Chlorodibromomethane	129		7.079					ND	
84 Ethylene Dibromide	107		7.164					ND	
146 1-Chlorohexane	55		7.614					ND	U
87 Chlorobenzene	112		7.638					ND	
85 3-Chlorobenzotrifluoride	180		7.644					ND	
86 4-Chlorobenzotrifluoride	180		7.705					ND	
88 Ethylbenzene	91		7.742					ND	
89 1,1,1,2-Tetrachloroethane	131		7.748					ND	
90 m-Xylene & p-Xylene	106		7.864					ND	
91 o-Xylene	106		8.283					ND	
92 Styrene	104		8.314					ND	
95 Bromoform	173		8.551					ND	
93 2-Chlorobenzotrifluoride	180		8.606					ND	
94 Isopropylbenzene	105		8.667					ND	
96 Cyclohexanone	55		8.831					ND	
101 Bromobenzene	156		9.001					ND	
97 1,1,2,2-Tetrachloroethane	83		9.105					ND	
99 N-Propylbenzene	91		9.111					ND	
100 1,2,3-Trichloropropane	110		9.123					ND	
98 trans-1,4-Dichloro-2-butene	53		9.147					ND	
103 2-Chlorotoluene	126		9.208					ND	
104 3-Chlorotoluene	126		9.281					ND	
102 1,3,5-Trimethylbenzene	105		9.305					ND	
105 4-Chlorotoluene	126		9.330					ND	
106 tert-Butylbenzene	134		9.640					ND	
108 Pentachloroethane	167		9.701					ND	
107 1,2,4-Trimethylbenzene	105		9.701					ND	
109 sec-Butylbenzene	105		9.865					ND	
111 1,3-Dichlorobenzene	146		9.993					ND	
110 4-Isopropyltoluene	119		10.017					ND	
114 Dicyclopentadiene	66		10.054					ND	
113 1,4-Dichlorobenzene	146		10.090					ND	
112 1,2,3-Trimethylbenzene	105		10.127					ND	
150 Benzyl chloride	126		10.254					ND	
115 n-Butylbenzene	91		10.425					ND	
116 1,2-Dichlorobenzene	146		10.449					ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210					ND	
118 1,3,5-Trichlorobenzene	180		11.343					ND	
119 1,2,4-Trichlorobenzene	180		11.891					ND	
120 Hexachlorobutadiene	225		12.013					ND	
121 Naphthalene	128		12.104					ND	
122 1,2,3-Trichlorobenzene	180		12.305					ND	
149 2-Methylnaphthalene	142		13.022					ND	U
144 1-Bromopropane TIC	1		0.000					ND	
145 Ethylene oxide TIC	1		0.000					ND	
143 Propene oxide TIC	1		0.000					ND	

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8960.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
134 Pentachloroethane TIC	1		0.000					ND	
136 Nitrobenzene	77		0.000					ND	
138 cis-1,4-Dichloro-2-butene	88		0.000					ND	
135 Hexachloroethane	117		0.000					ND	
S 126 1,3-Dichloropropene, Total	1		30.000					ND	7
S 125 1,2-Dichloroethene, Total	1		30.000					ND	7
S 123 Total BTEX	1		30.000					ND	7
S 124 Xylenes, Total	1		30.000					ND	7
S 157 Trihalomethanes, Total	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8960.d

Injection Date: 21-Jun-2025 00:01:30

Instrument ID: HP5973S

Operator ID: AG

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

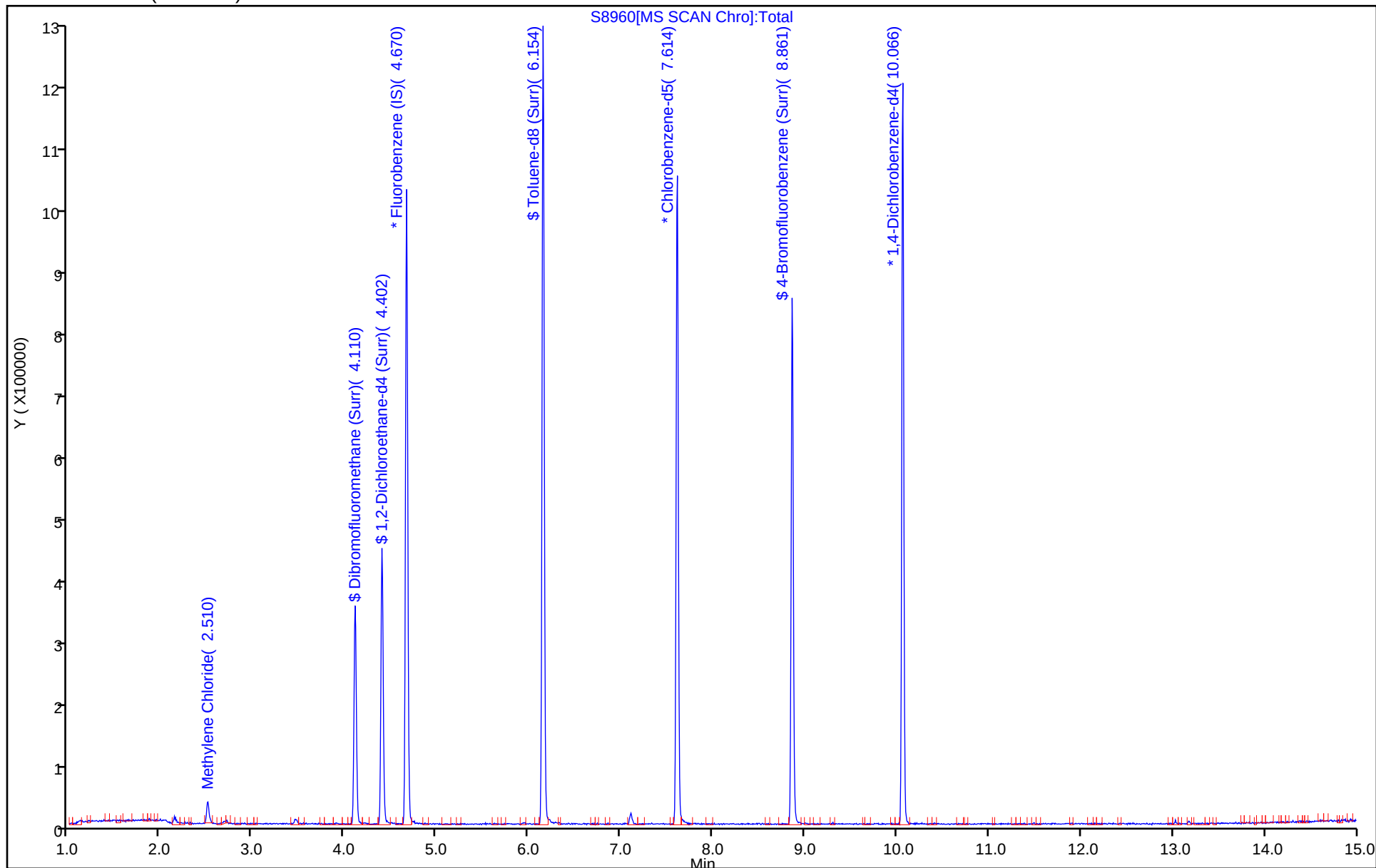
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8960.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 21-Jun-2025 00:01:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0124110-008
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 23-Jun-2025 13:04:57 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: FGO5

Date: 23-Jun-2025 13:04:57

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.4	89.56
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.8	103.34
\$ 5 Toluene-d8 (Surr)	25.0	25.6	102.59
\$ 6 4-Bromofluorobenzene (Surr)	25.0	21.7	86.72

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8960.d

Injection Date: 21-Jun-2025 00:01:30

Instrument ID: HP5973S

Lims ID: MB

Client ID:

Operator ID: AG

ALS Bottle#: 8

Worklist Smp#: 8

Purge Vol: 5.000 mL

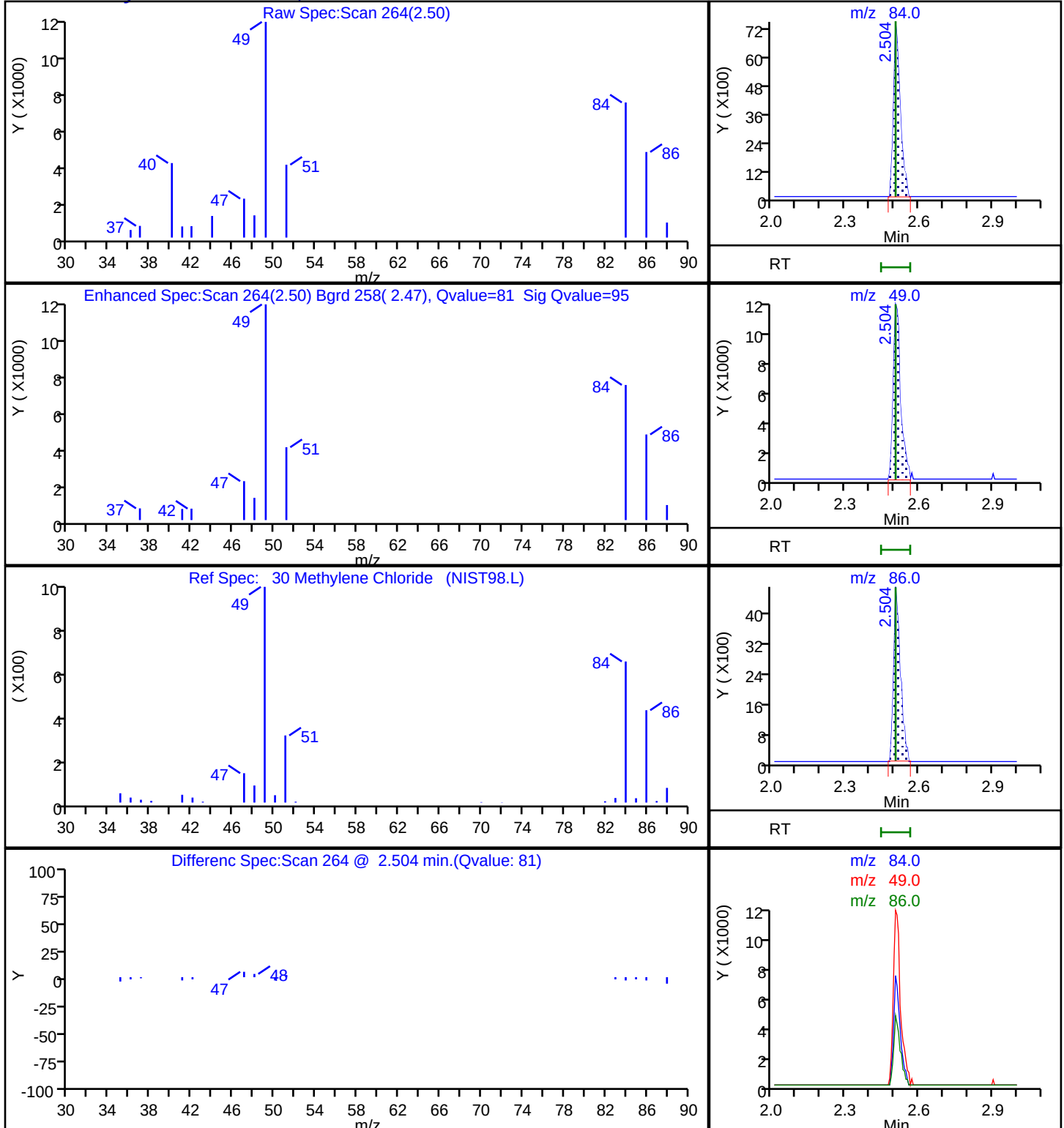
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8960.d

Injection Date: 21-Jun-2025 00:01:30

Instrument ID: HP5973S

Lims ID: MB

Client ID:

Operator ID: AG

ALS Bottle#:

8

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

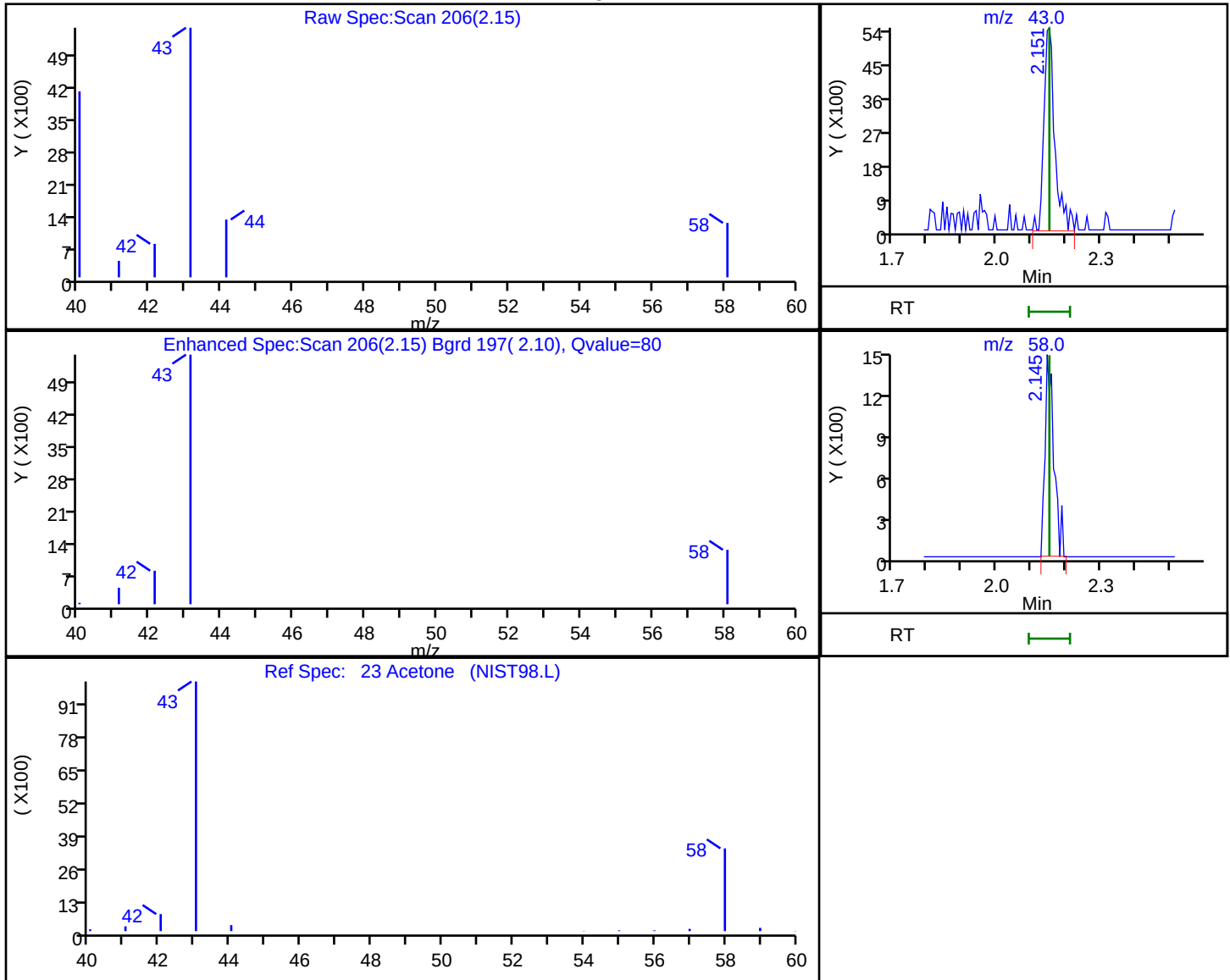
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector MS SCAN

23 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.15	43.00	11892	3.310862
2.14	58.00	2601	

Reviewer: FGO5, 23-Jun-2025 13:04:19 -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: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-749755/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9019.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 01:08</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-749755/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9019.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 01:08</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	0.768	J	1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
1868-53-7	Dibromofluoromethane (Surr)	90		75-123
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9019.d
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 24-Jun-2025 01:08:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 480-0124139-008
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jun-2025 10:28:06 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:28:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	158449	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	86	303858	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	96	302635	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	56	194622	25.0	22.4	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	137473	25.0	25.4	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	85	763878	25.0	25.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	86	236370	25.0	22.4	
10 Dichlorodifluoromethane	85		0.965					ND	
11 Chlorodifluoromethane	51		0.983					ND	
12 Chloromethane	50		1.099					ND	
13 Vinyl chloride	62		1.172					ND	
151 Butadiene	54		1.178					ND	
14 Bromomethane	94		1.409					ND	
15 Chloroethane	64		1.464					ND	
16 Dichlorofluoromethane	67		1.634					ND	
17 Trichlorofluoromethane	101		1.640					ND	
18 Ethyl ether	59		1.853					ND	
148 Ethanol	45		1.859					ND	
19 Propene oxide	58		1.920					ND	
20 Acrolein	56		2.005					ND	
22 1,1-Dichloroethene	96		2.035					ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		2.042					ND	
23 Acetone	43		2.151					ND	U
25 Iodomethane	142		2.200					ND	
26 Carbon disulfide	76		2.218					ND	
24 Isopropyl alcohol	45		2.327					ND	
28 3-Chloro-1-propene	41		2.370					ND	
27 Methyl acetate	43		2.425					ND	
29 Acetonitrile	40		2.431					ND	U
30 Methylene Chloride	84	2.510	2.510	0.000	82	14683		0.7677	
31 2-Methyl-2-propanol	59		2.686					ND	U

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		2.705					ND	7
34 trans-1,2-Dichloroethene	96		2.717					ND	
33 Acrylonitrile	53		2.778					ND	
35 Hexane	57		2.899					ND	
39 1,1-Dichloroethane	63		3.118					ND	
36 Isopropyl ether	45		3.137					ND	
40 2-Chloro-1,3-butadiene	53		3.167					ND	
37 Vinyl acetate	43		3.179					ND	
38 1,1-Dimethoxyethane	75		3.203					ND	
41 Tert-butyl ethyl ether	59		3.459					ND	U
44 2,2-Dichloropropane	77		3.605					ND	
45 cis-1,2-Dichloroethene	96		3.648					ND	
43 2-Butanone (MEK)	43		3.690					ND	
42 Ethyl acetate	43		3.733					ND	U
46 Propionitrile	54		3.794					ND	
139 Halothane	117		3.822					ND	
48 Chlorobromomethane	128		3.879					ND	
49 Tetrahydrofuran	42		3.885					ND	
47 Methacrylonitrile	41		3.897					ND	
50 Chloroform	83		3.958					ND	
52 Cyclohexane	56		4.049					ND	
51 1,1,1-Trichloroethane	97		4.055					ND	
55 Carbon tetrachloride	117		4.183					ND	
54 1,1-Dichloropropene	75		4.201					ND	
57 Benzene	78		4.396					ND	
152 Isooctane	57		4.402					ND	
53 Isobutyl alcohol	43		4.469					ND	
58 1,2-Dichloroethane	62		4.475					ND	
56 Tert-amyl methyl ether	73		4.487					ND	
147 t-Amyl alcohol	59		4.511					ND	
59 n-Heptane	43		4.591					ND	
1 1,4-Difluorobenzene	114		4.791					ND	
141 2,4,4-Trimethyl-1-pentene	55		4.877					ND	
62 Trichloroethene	95		5.004					ND	
60 n-Butanol	56		5.077					ND	
64 Methylcyclohexane	83		5.108					ND	
142 Ethyl acrylate	55		5.156					ND	
140 2,4,4-Trimethyl-2-pentene	97		5.202					ND	
65 1,2-Dichloropropane	63		5.235					ND	
63 Methyl methacrylate	41		5.363					ND	
67 Dibromomethane	93		5.369					ND	
66 1,4-Dioxane	88		5.388					ND	
68 Dichlorobromomethane	83		5.534					ND	
70 2-Nitropropane	43		5.789					ND	
69 2-Chloroethyl vinyl ether	63		5.826					ND	
71 Epichlorohydrin	57		5.905					ND	
72 cis-1,3-Dichloropropene	75		5.947					ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099					ND	
74 Toluene	92		6.221					ND	
76 2-Methylthiophene	97		6.349					ND	
78 3-Methylthiophene	97		6.513					ND	
77 trans-1,3-Dichloropropene	75		6.513					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
75 Ethyl methacrylate	69		6.580					ND	
79 1,1,2-Trichloroethane	83		6.696					ND	
81 Tetrachloroethene	166		6.732					ND	
82 1,3-Dichloropropane	76		6.848					ND	
80 2-Hexanone	43		6.933					ND	
155 n-Butyl acetate	43		7.060					ND	
83 Chlorodibromomethane	129		7.079					ND	
84 Ethylene Dibromide	107		7.164					ND	
146 1-Chlorohexane	55		7.614					ND	U
87 Chlorobenzene	112		7.638					ND	
85 3-Chlorobenzotrifluoride	180		7.644					ND	
86 4-Chlorobenzotrifluoride	180		7.705					ND	
88 Ethylbenzene	91		7.742					ND	
89 1,1,1,2-Tetrachloroethane	131		7.748					ND	
90 m-Xylene & p-Xylene	106		7.864					ND	
91 o-Xylene	106		8.283					ND	
92 Styrene	104		8.314					ND	
95 Bromoform	173		8.551					ND	
93 2-Chlorobenzotrifluoride	180		8.606					ND	
94 Isopropylbenzene	105		8.667					ND	
96 Cyclohexanone	55		8.831					ND	
101 Bromobenzene	156		9.001					ND	
97 1,1,2,2-Tetrachloroethane	83		9.105					ND	
99 N-Propylbenzene	91		9.111					ND	
100 1,2,3-Trichloropropane	110		9.123					ND	
98 trans-1,4-Dichloro-2-butene	53		9.153					ND	
103 2-Chlorotoluene	126		9.208					ND	
104 3-Chlorotoluene	126		9.281					ND	
102 1,3,5-Trimethylbenzene	105		9.311					ND	
105 4-Chlorotoluene	126		9.330					ND	
106 tert-Butylbenzene	134		9.640					ND	
108 Pentachloroethane	167		9.701					ND	
107 1,2,4-Trimethylbenzene	105		9.701					ND	
109 sec-Butylbenzene	105		9.865					ND	
111 1,3-Dichlorobenzene	146		9.993					ND	
110 4-Isopropyltoluene	119		10.023					ND	
114 Dicyclopentadiene	66		10.054					ND	
113 1,4-Dichlorobenzene	146		10.090					ND	
112 1,2,3-Trimethylbenzene	105		10.127					ND	
150 Benzyl chloride	126		10.254					ND	
115 n-Butylbenzene	91		10.425					ND	
116 1,2-Dichlorobenzene	146		10.449					ND	
117 1,2-Dibromo-3-Chloropropane	75		11.210					ND	
118 1,3,5-Trichlorobenzene	180		11.343					ND	
119 1,2,4-Trichlorobenzene	180		11.891					ND	
120 Hexachlorobutadiene	225		12.013					ND	
121 Naphthalene	128		12.104					ND	
122 1,2,3-Trichlorobenzene	180		12.305					ND	
149 2-Methylnaphthalene	142		13.022					ND	U
144 1-Bromopropane TIC	1		0.000					ND	
145 Ethylene oxide TIC	1		0.000					ND	
143 Propene oxide TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
134 Pentachloroethane TIC	1		0.000					ND	
136 Nitrobenzene	77		0.000					ND	
138 cis-1,4-Dichloro-2-butene	88		0.000					ND	
135 Hexachloroethane	117		0.000					ND	
S 126 1,3-Dichloropropene, Total	1		30.000					ND	7
S 125 1,2-Dichloroethene, Total	1		30.000					ND	7
S 123 Total BTEX	1		30.000					ND	7
S 124 Xylenes, Total	1		30.000					ND	7
S 157 Trihalomethanes, Total	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9019.d

Injection Date: 24-Jun-2025 01:08:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

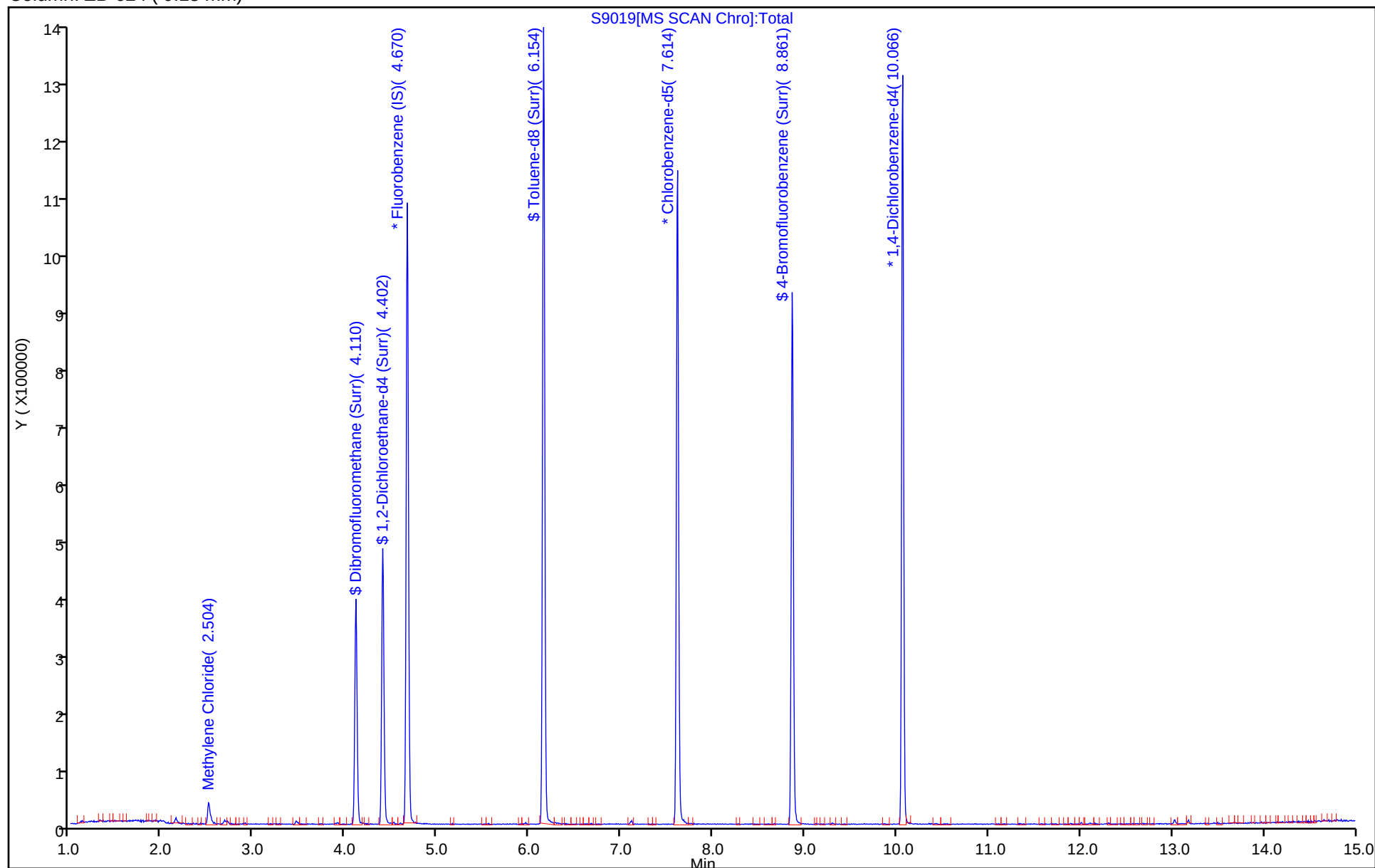
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9019.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2025 01:08:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0124139-008
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2025 10:28:06 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1700

First Level Reviewer: FGO5

Date: 24-Jun-2025 10:28:06

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.4	89.78
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.4	101.70
\$ 5 Toluene-d8 (Surr)	25.0	25.3	101.00
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.4	89.46

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9019.d

Injection Date: 24-Jun-2025 01:08:30

Instrument ID: HP5973S

Lims ID: MB

Client ID:

Operator ID: AG/LH

ALS Bottle#: 8

Worklist Smp#: 8

Purge Vol: 5.000 mL

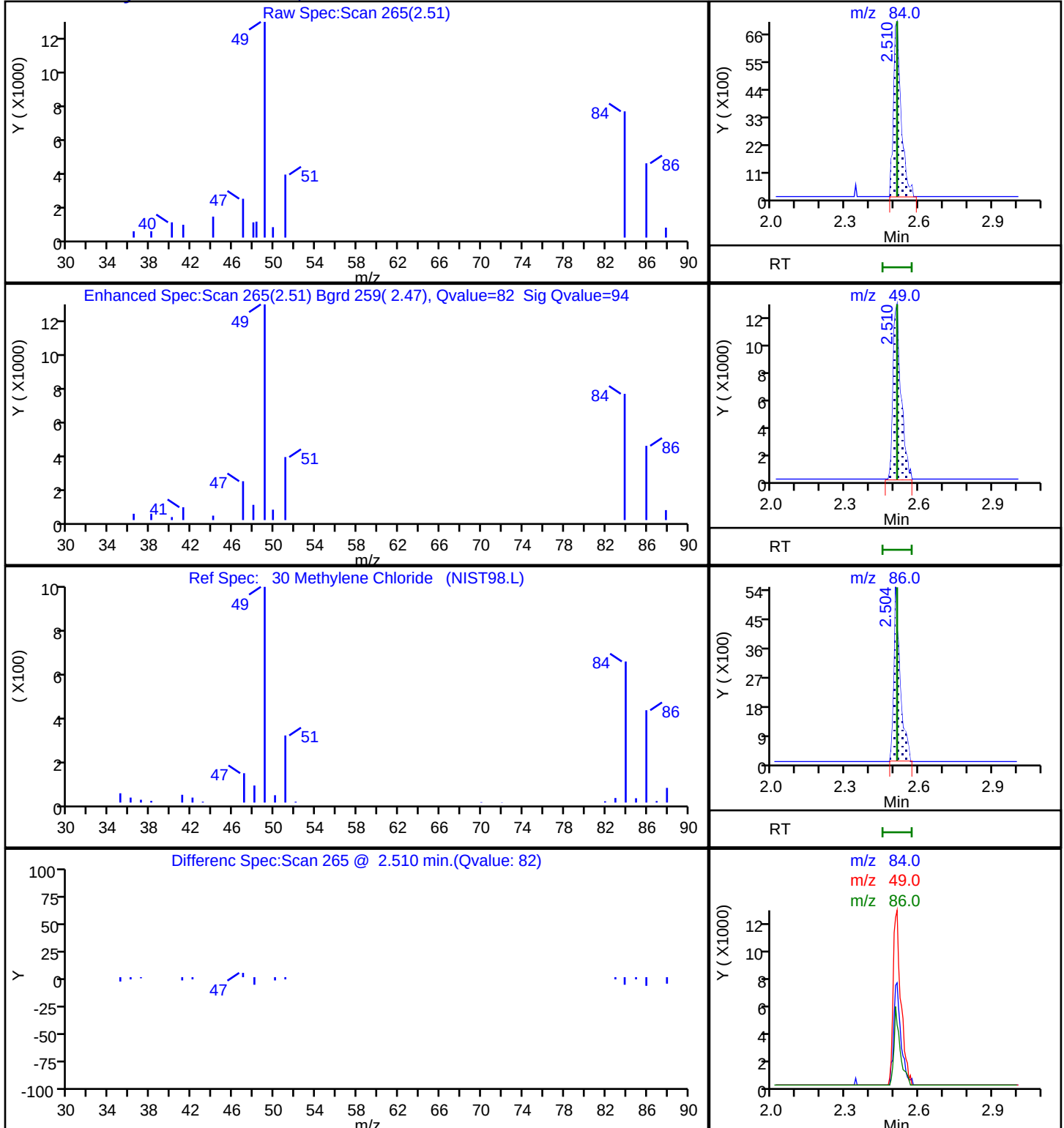
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9019.d

Injection Date: 24-Jun-2025 01:08:30

Instrument ID: HP5973S

Lims ID: MB

Client ID:

Operator ID: AG/LH

ALS Bottle#:

8

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

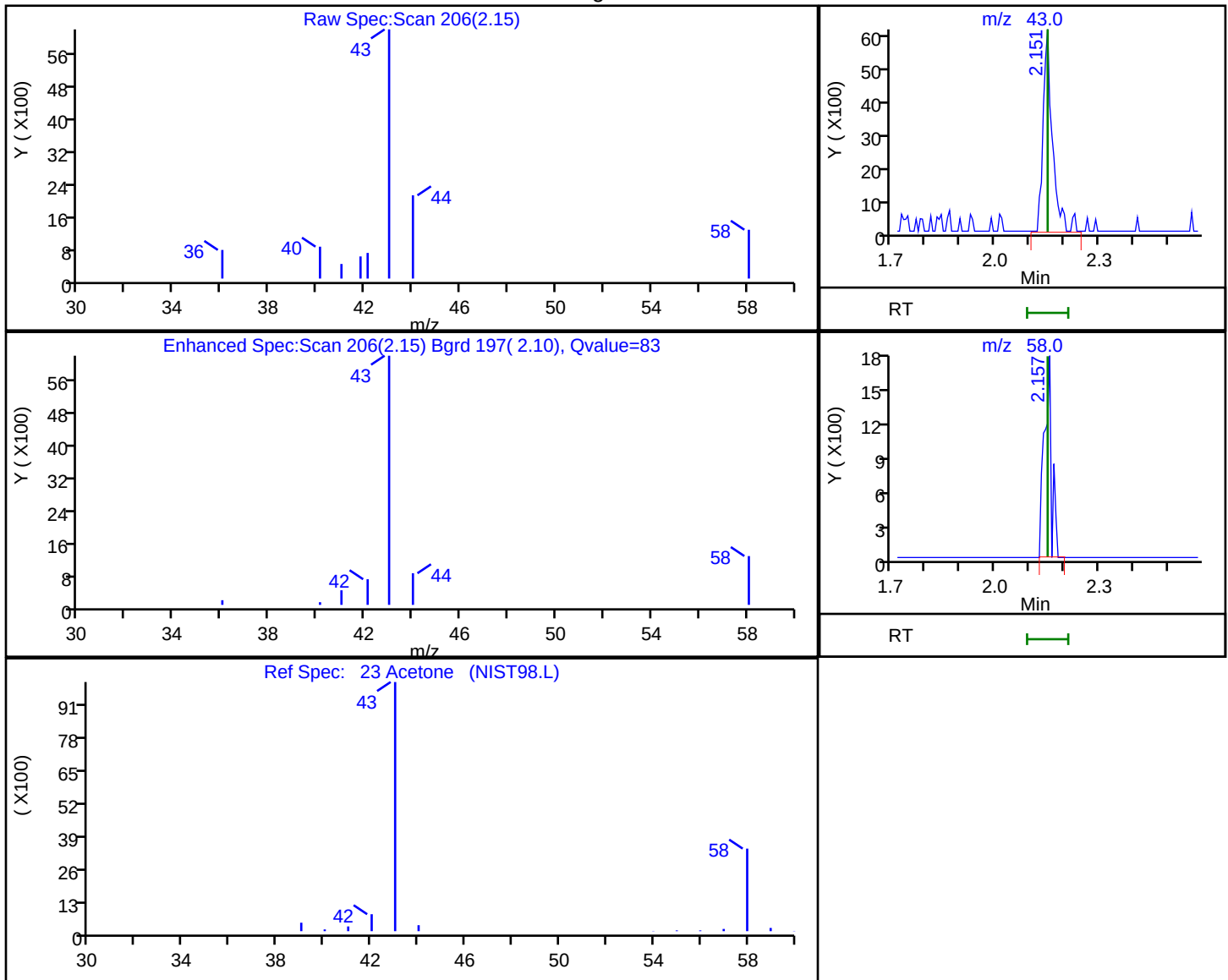
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.15	43.00	11424	3.103365
2.16	58.00	2622	

Reviewer: FGO5, 24-Jun-2025 10:27:28 -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: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-749897/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9072.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 23:29</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749897</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.77
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-749897/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9072.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 23:29</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749897</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	ND		1.0	0.18
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	0.942	J	1.0	0.44
103-65-1	N-Propylbenzene	ND		1.0	0.69
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	92		73-120
1868-53-7	Dibromofluoromethane (Surr)	91		75-123
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9072.d
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 24-Jun-2025 23:29:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 480-0124163-008
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jun-2025 12:13:48 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:13:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	155792	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	86	290823	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	95	310314	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	54	194041	25.0	22.8	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	93	136943	25.0	25.8	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	85	746295	25.0	25.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.861	0.006	90	232908	25.0	23.0	
10 Dichlorodifluoromethane	85		0.965					ND	
11 Chlorodifluoromethane	51		0.983					ND	
12 Chloromethane	50		1.098					ND	
13 Vinyl chloride	62		1.165					ND	
151 Butadiene	54		1.171					ND	
14 Bromomethane	94		1.403					ND	
15 Chloroethane	64		1.457					ND	
16 Dichlorofluoromethane	67		1.628					ND	
17 Trichlorofluoromethane	101		1.640					ND	
18 Ethyl ether	59		1.847					ND	
148 Ethanol	45		1.865					ND	
19 Propene oxide	58		1.926					ND	
20 Acrolein	56		2.005					ND	
22 1,1-Dichloroethene	96		2.029					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.035					ND	
23 Acetone	43		2.145					ND	U
25 Iodomethane	142		2.169					ND	
26 Carbon disulfide	76		2.200					ND	
24 Isopropyl alcohol	45		2.327					ND	
28 3-Chloro-1-propene	41		2.370					ND	
27 Methyl acetate	43		2.419					ND	
29 Acetonitrile	40		2.431					ND	U
30 Methylene Chloride	84	2.510	2.504	0.006	91	15742		0.9425	
31 2-Methyl-2-propanol	59		2.680					ND	U

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		2.705					ND	
34 trans-1,2-Dichloroethene	96		2.717					ND	
33 Acrylonitrile	53		2.778					ND	
35 Hexane	57		2.899					ND	
39 1,1-Dichloroethane	63		3.112					ND	
36 Isopropyl ether	45		3.137					ND	
40 2-Chloro-1,3-butadiene	53		3.167					ND	
37 Vinyl acetate	43		3.179					ND	
38 1,1-Dimethoxyethane	75		3.210					ND	
41 Tert-butyl ethyl ether	59	3.465	3.465	0.000	83	13871		0.4620	
44 2,2-Dichloropropane	77		3.605					ND	
45 cis-1,2-Dichloroethene	96		3.648					ND	
43 2-Butanone (MEK)	43		3.690					ND	
42 Ethyl acetate	43		3.733					ND	U
46 Propionitrile	54		3.794					ND	
139 Halothane	117		3.822					ND	
48 Chlorobromomethane	128		3.873					ND	
49 Tetrahydrofuran	42		3.885					ND	
47 Methacrylonitrile	41		3.897					ND	
50 Chloroform	83		3.958					ND	
51 1,1,1-Trichloroethane	97		4.049					ND	
52 Cyclohexane	56		4.049					ND	
55 Carbon tetrachloride	117		4.183					ND	
54 1,1-Dichloropropene	75		4.201					ND	
57 Benzene	78		4.396					ND	
152 Isooctane	57		4.402					ND	
53 Isobutyl alcohol	43		4.463					ND	
58 1,2-Dichloroethane	62		4.469					ND	
56 Tert-amyl methyl ether	73		4.487					ND	
147 t-Amyl alcohol	59		4.511					ND	
59 n-Heptane	43		4.590					ND	
1 1,4-Difluorobenzene	114		4.791					ND	
141 2,4,4-Trimethyl-1-pentene	55		4.877					ND	
62 Trichloroethene	95		5.004					ND	
60 n-Butanol	56		5.077					ND	
64 Methylcyclohexane	83		5.108					ND	
142 Ethyl acrylate	55		5.156					ND	
140 2,4,4-Trimethyl-2-pentene	97		5.202					ND	
65 1,2-Dichloropropane	63		5.235					ND	
63 Methyl methacrylate	41		5.363					ND	
67 Dibromomethane	93		5.369					ND	
66 1,4-Dioxane	88		5.387					ND	
68 Dichlorobromomethane	83		5.533					ND	
70 2-Nitropropane	43		5.789					ND	
69 2-Chloroethyl vinyl ether	63		5.825					ND	
71 Epichlorohydrin	57		5.911					ND	
72 cis-1,3-Dichloropropene	75		5.947					ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.099					ND	
74 Toluene	92		6.215					ND	
76 2-Methylthiophene	97		6.355					ND	
77 trans-1,3-Dichloropropene	75		6.513					ND	
78 3-Methylthiophene	97		6.513					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
75 Ethyl methacrylate	69		6.580					ND	
79 1,1,2-Trichloroethane	83		6.695					ND	
81 Tetrachloroethene	166		6.732					ND	
82 1,3-Dichloropropane	76		6.847					ND	
80 2-Hexanone	43		6.933					ND	
155 n-Butyl acetate	43		7.061					ND	U
83 Chlorodibromomethane	129		7.079					ND	
84 Ethylene Dibromide	107		7.164					ND	
146 1-Chlorohexane	55		7.614					ND	U
87 Chlorobenzene	112		7.638					ND	
85 3-Chlorobenzotrifluoride	180		7.645					ND	
86 4-Chlorobenzotrifluoride	180		7.705					ND	
88 Ethylbenzene	91		7.742					ND	
89 1,1,1,2-Tetrachloroethane	131		7.748					ND	
90 m-Xylene & p-Xylene	106		7.863					ND	
91 o-Xylene	106		8.283					ND	
92 Styrene	104		8.314					ND	
95 Bromoform	173		8.551					ND	
93 2-Chlorobenzotrifluoride	180		8.606					ND	
94 Isopropylbenzene	105		8.666					ND	
96 Cyclohexanone	55		8.831					ND	
101 Bromobenzene	156		9.001					ND	
97 1,1,2,2-Tetrachloroethane	83		9.098					ND	
99 N-Propylbenzene	91		9.111					ND	
100 1,2,3-Trichloropropane	110		9.123					ND	
98 trans-1,4-Dichloro-2-butene	53		9.153					ND	
103 2-Chlorotoluene	126		9.208					ND	
104 3-Chlorotoluene	126		9.281					ND	
102 1,3,5-Trimethylbenzene	105		9.305					ND	
105 4-Chlorotoluene	126		9.330					ND	
106 tert-Butylbenzene	134		9.640					ND	
107 1,2,4-Trimethylbenzene	105		9.701					ND	
108 Pentachloroethane	167		9.701					ND	
109 sec-Butylbenzene	105		9.865					ND	
111 1,3-Dichlorobenzene	146		9.993					ND	
110 4-Isopropyltoluene	119		10.023					ND	
114 Dicyclopentadiene	66		10.054					ND	
113 1,4-Dichlorobenzene	146		10.090					ND	
112 1,2,3-Trimethylbenzene	105		10.127					ND	
150 Benzyl chloride	126		10.248					ND	
115 n-Butylbenzene	91		10.425					ND	
116 1,2-Dichlorobenzene	146		10.449					ND	
117 1,2-Dibromo-3-Chloropropane	75		11.209					ND	
118 1,3,5-Trichlorobenzene	180		11.343					ND	
119 1,2,4-Trichlorobenzene	180		11.891					ND	
120 Hexachlorobutadiene	225		12.012					ND	
121 Naphthalene	128		12.104					ND	
122 1,2,3-Trichlorobenzene	180		12.304					ND	
149 2-Methylnaphthalene	142		13.022					ND	
144 1-Bromopropane TIC	1		0.000					ND	
145 Ethylene oxide TIC	1		0.000					ND	
143 Propene oxide TIC	1		0.000					ND	

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9072.d

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
134 Pentachloroethane TIC	1		0.000					ND	
136 Nitrobenzene	77		0.000					ND	
138 cis-1,4-Dichloro-2-butene	88		0.000					ND	
135 Hexachloroethane	117		0.000					ND	
S 126 1,3-Dichloropropene, Total	1		30.000					ND	7
S 125 1,2-Dichloroethene, Total	1		30.000					ND	7
S 123 Total BTEX	1		30.000					ND	7
S 124 Xylenes, Total	1		30.000					ND	7
S 157 Trihalomethanes, Total	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

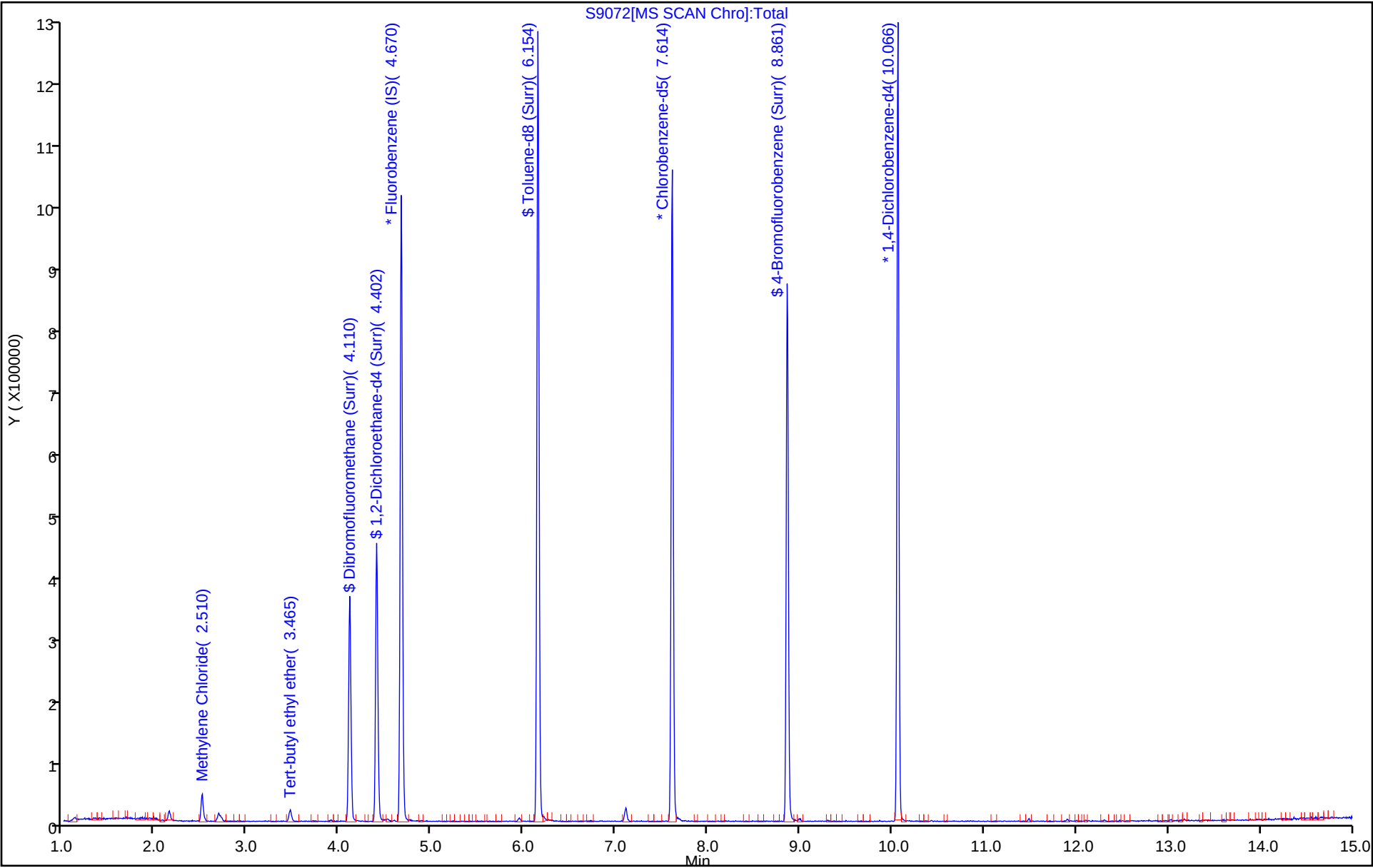
Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9072.d
Injection Date: 24-Jun-2025 23:29:30 Instrument ID: HP5973S
Lims ID: MB
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm)

Operator ID: AG/LH
Worklist Smp#: 8
ALS Bottle#: 8



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9072.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Jun-2025 23:29:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 480-0124163-008
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 25-Jun-2025 12:13:48 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:13:48

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	22.8	91.04
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.8	103.04
\$ 5 Toluene-d8 (Surr)	25.0	25.8	103.10
\$ 6 4-Bromofluorobenzene (Surr)	25.0	23.0	92.10

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9072.d

Injection Date: 24-Jun-2025 23:29:30

Instrument ID: HP5973S

Lims ID: MB

Client ID:

Operator ID: AG/LH

ALS Bottle#: 8

Worklist Smp#: 8

Purge Vol: 5.000 mL

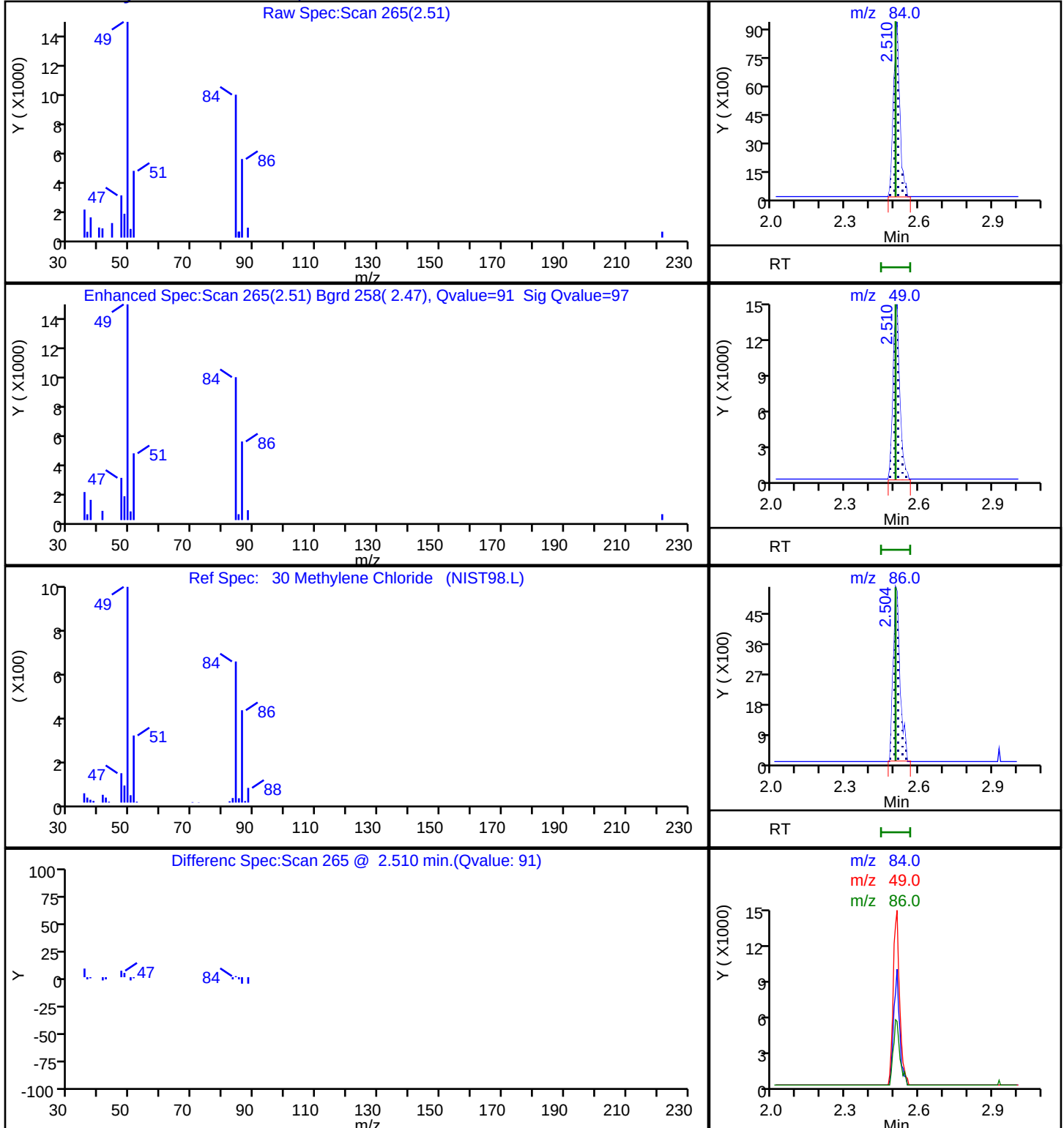
Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

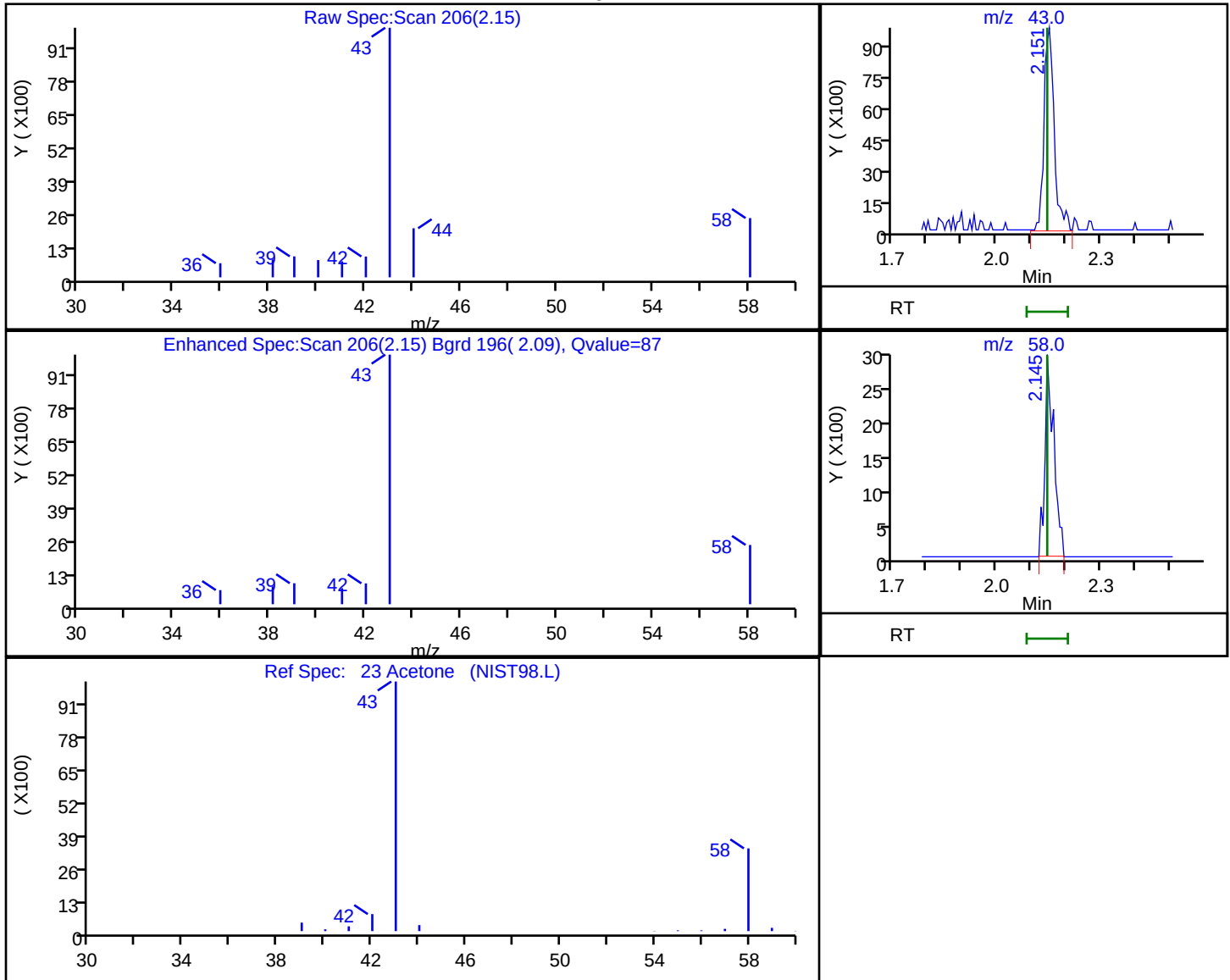
30 Methylene Chloride, CAS: 75-09-2

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9072.d
Injection Date: 24-Jun-2025 23:29:30 Instrument ID: HP5973S
Lims ID: MB
Client ID:
Operator ID: AG/LH ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

23 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.15	43.00	20223	5.587333
2.14	58.00	5314	

Reviewer: FGO5, 25-Jun-2025 12:13:09 -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: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 480-749486/6</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8930.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 12:10</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	24.2		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	25.5		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	27.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	24.9		1.0	0.23
75-34-3	1,1-Dichloroethane	26.4		1.0	0.38
75-35-4	1,1-Dichloroethene	23.4		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	24.3		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	26.2		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	21.7		1.0	0.39
106-93-4	1,2-Dibromoethane	25.0		1.0	0.73
95-50-1	1,2-Dichlorobenzene	25.9		1.0	0.79
107-06-2	1,2-Dichloroethane	27.1		1.0	0.21
78-87-5	1,2-Dichloropropane	25.8		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	26.3		1.0	0.77
541-73-1	1,3-Dichlorobenzene	25.9		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.2		1.0	0.84
78-93-3	2-Butanone (MEK)	133		10	1.3
591-78-6	2-Hexanone	148		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	142		5.0	2.1
67-64-1	Acetone	146		10	3.0
71-43-2	Benzene	25.4		1.0	0.41
75-27-4	Bromodichloromethane	22.4		1.0	0.39
75-25-2	Bromoform	18.8		1.0	0.26
74-83-9	Bromomethane	21.9		1.0	0.69
75-15-0	Carbon disulfide	22.5		1.0	0.19
56-23-5	Carbon tetrachloride	25.3		1.0	0.27
108-90-7	Chlorobenzene	24.7		1.0	0.75
75-00-3	Chloroethane	24.4		1.0	0.32
67-66-3	Chloroform	24.6		1.0	0.34
74-87-3	Chloromethane	23.5		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	24.2		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	23.6		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 480-749486/6</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8930.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 12:10</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749486</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	25.8		1.0	0.18
124-48-1	Dibromochloromethane	21.0		1.0	0.32
75-71-8	Dichlorodifluoromethane	18.2		1.0	0.68
100-41-4	Ethylbenzene	25.9		1.0	0.74
98-82-8	Isopropylbenzene	26.5		1.0	0.79
79-20-9	Methyl acetate	49.4		2.5	1.3
1634-04-4	Methyl tert-butyl ether	24.7		1.0	0.16
108-87-2	Methylcyclohexane	24.1		1.0	0.16
75-09-2	Methylene Chloride	24.4		1.0	0.44
103-65-1	N-Propylbenzene	27.4		1.0	0.69
100-42-5	Styrene	23.9		1.0	0.73
127-18-4	Tetrachloroethene	24.9		1.0	0.36
108-88-3	Toluene	25.9		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	23.9		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	23.8		1.0	0.37
79-01-6	Trichloroethene	23.8		1.0	0.46
75-69-4	Trichlorofluoromethane	26.6		1.0	0.88
75-01-4	Vinyl chloride	27.3		1.0	0.90
1330-20-7	Xylenes, Total	49.8		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	91		73-120
1868-53-7	Dibromofluoromethane (Surr)	92		75-123
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8930.d
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 20-Jun-2025 12:10:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 480-0124106-006
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 20-Jun-2025 12:29:50 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1715

First Level Reviewer: FGO5

Date: 20-Jun-2025 12:31:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	162880	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	87	319957	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	71	336282	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	53	205534	25.0	23.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	60	144257	25.0	26.0	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	69	797361	25.0	25.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.861	0.006	92	252994	25.0	22.7	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	86	208852	25.0	18.2	
12 Chloromethane	50	1.099	1.099	0.000	82	291386	25.0	23.5	
151 Butadiene	54	1.178	1.172	0.006	96	302456	25.0	27.6	
13 Vinyl chloride	62	1.165	1.172	-0.007	82	236451	25.0	27.3	
14 Bromomethane	94	1.409	1.403	0.006	92	131605	25.0	21.9	
15 Chloroethane	64	1.457	1.458	-0.001	93	151371	25.0	24.4	
16 Dichlorofluoromethane	67	1.634	1.628	0.006	81	367304	25.0	25.3	
17 Trichlorofluoromethane	101	1.640	1.640	0.000	49	305504	25.0	26.6	
18 Ethyl ether	59	1.847	1.847	0.000	94	208169	25.0	26.8	
20 Acrolein	56	2.005	2.005	0.000	96	128903	125.0	108.8	
22 1,1-Dichloroethene	96	2.035	2.036	0.000	85	159974	25.0	23.4	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	2.041	2.042	-0.001	68	172853	25.0	27.3	
23 Acetone	43	2.151	2.145	0.006	98	552858	125.0	146.1	
25 Iodomethane	142	2.200	2.182	0.018	98	287793	25.0	22.7	
26 Carbon disulfide	76	2.218	2.212	0.006	99	482143	25.0	22.5	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	85	404928	25.0	25.3	
27 Methyl acetate	43	2.419	2.419	0.000	97	490429	50.0	49.4	
30 Methylene Chloride	84	2.504	2.504	0.000	91	199249	25.0	24.4	
31 2-Methyl-2-propanol	59	2.686	2.686	0.000	81	328501	250.0	233.8	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	92	648905	25.0	24.7	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	80	188522	25.0	23.9	
33 Acrylonitrile	53	2.778	2.778	0.000	98	1178699	250.0	267.0	
35 Hexane	57	2.899	2.899	0.000	97	334848	25.0	24.5	
39 1,1-Dichloroethane	63	3.112	3.112	0.000	86	369821	25.0	26.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 Vinyl acetate	43	3.179	3.179	0.000	96	1106572	50.0	55.0	
44 2,2-Dichloropropane	77	3.611	3.605	0.006	89	195712	25.0	22.3	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	68	201834	25.0	24.2	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	96	794739	125.0	132.5	
48 Chlorobromomethane	128	3.873	3.873	0.000	89	108464	25.0	22.2	
49 Tetrahydrofuran	42	3.891	3.885	0.006	91	220158	50.0	54.7	
50 Chloroform	83	3.958	3.958	0.000	83	338575	25.0	24.6	
52 Cyclohexane	56	4.049	4.049	0.000	97	411980	25.0	25.8	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	77	291436	25.0	24.2	
55 Carbon tetrachloride	117	4.183	4.183	0.000	80	271844	25.0	25.3	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	87	282325	25.0	27.7	
57 Benzene	78	4.396	4.396	0.000	96	764177	25.0	25.4	
53 Isobutyl alcohol	43	4.469	4.469	0.000	82	388755	625.0	677.3	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	74	320860	25.0	27.1	
59 n-Heptane	43	4.590	4.591	-0.001	98	371283	25.0	26.3	
62 Trichloroethene	95	5.004	5.004	0.000	90	194432	25.0	23.8	
64 Methylcyclohexane	83	5.108	5.108	0.000	96	349152	25.0	24.1	
65 1,2-Dichloropropane	63	5.235	5.235	0.000	89	205870	25.0	25.8	
67 Dibromomethane	93	5.375	5.375	0.000	89	122621	25.0	23.9	
66 1,4-Dioxane	88	5.387	5.387	-0.001	71	46113	500.0	637.4	
68 Dichlorobromomethane	83	5.533	5.534	-0.001	90	234985	25.0	22.4	
69 2-Chloroethyl vinyl ether	63	5.825	5.826	-0.001	90	140636	25.0	24.7	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	84	308748	25.0	23.6	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1581472	125.0	141.8	
74 Toluene	92	6.221	6.215	0.006	86	491006	25.0	25.9	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	94	279600	25.0	23.8	
75 Ethyl methacrylate	69	6.574	6.580	-0.006	90	260836	25.0	23.2	
79 1,1,2-Trichloroethane	83	6.695	6.695	-0.001	89	145393	25.0	24.9	
81 Tetrachloroethene	166	6.738	6.738	0.000	84	210550	25.0	24.9	
82 1,3-Dichloropropane	76	6.847	6.847	-0.001	97	304988	25.0	25.9	
80 2-Hexanone	43	6.933	6.933	0.000	97	1068784	125.0	147.7	
83 Chlorodibromomethane	129	7.079	7.079	0.000	86	174888	25.0	21.0	
84 Ethylene Dibromide	107	7.164	7.164	0.000	98	179694	25.0	25.0	
87 Chlorobenzene	112	7.638	7.638	0.000	92	541715	25.0	24.7	
88 Ethylbenzene	91	7.742	7.742	0.000	99	913825	25.0	25.9	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	40	189799	25.0	23.7	
90 m-Xylene & p-Xylene	106	7.863	7.863	-0.001	98	354562	25.0	24.6	
91 o-Xylene	106	8.283	8.283	0.000	98	352218	25.0	25.2	
92 Styrene	104	8.314	8.313	0.000	93	550018	25.0	23.9	
95 Bromoform	173	8.551	8.551	0.000	93	112207	25.0	18.8	
94 Isopropylbenzene	105	8.666	8.666	-0.001	96	847392	25.0	26.5	
101 Bromobenzene	156	9.007	9.001	0.006	94	232940	25.0	24.5	
97 1,1,2,2-Tetrachloroethane	83	9.098	9.104	-0.007	68	244411	25.0	25.5	
99 N-Propylbenzene	91	9.111	9.110	0.000	98	1082618	25.0	27.4	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	61	83784	25.0	23.7	
98 trans-1,4-Dichloro-2-butene	53	9.153	9.153	0.000	1	78609	25.0	19.0	
103 2-Chlorotoluene	126	9.208	9.208	0.000	95	216591	25.0	24.3	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	94	757212	25.0	26.3	
105 4-Chlorotoluene	126	9.330	9.329	0.000	98	232259	25.0	24.4	
106 tert-Butylbenzene	134	9.640	9.640	0.000	92	177997	25.0	25.9	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	60	790866	25.0	26.2	
109 sec-Butylbenzene	105	9.865	9.865	0.000	95	984970	25.0	27.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	97	456139	25.0	25.9	
110 4-Isopropyltoluene	119	10.017	10.023	-0.006	95	861811	25.0	26.3	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	91	463876	25.0	25.2	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	768459	25.0	27.4	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	96	437642	25.0	25.9	
117 1,2-Dibromo-3-Chloropropane	75	11.209	11.209	-0.001	72	44556	25.0	21.7	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	91	289550	25.0	24.3	
120 Hexachlorobutadiene	225	12.012	12.013	-0.001	94	138436	25.0	23.9	
121 Naphthalene	128	12.104	12.104	0.000	97	805551	25.0	24.4	
122 1,2,3-Trichlorobenzene	180	12.304	12.305	-0.001	92	271921	25.0	24.9	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00268	Amount Added: 12.50	Units: uL	
GAS CORP mix_00682	Amount Added: 12.50	Units: uL	
S_8260_Surr_00508	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_IS_00419	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8930.d

Injection Date: 20-Jun-2025 12:10:30

Instrument ID: HP5973S

Lims ID: LCS

Operator ID: AG

Client ID:

Worklist Smp#: 6

Purge Vol: 5.000 mL

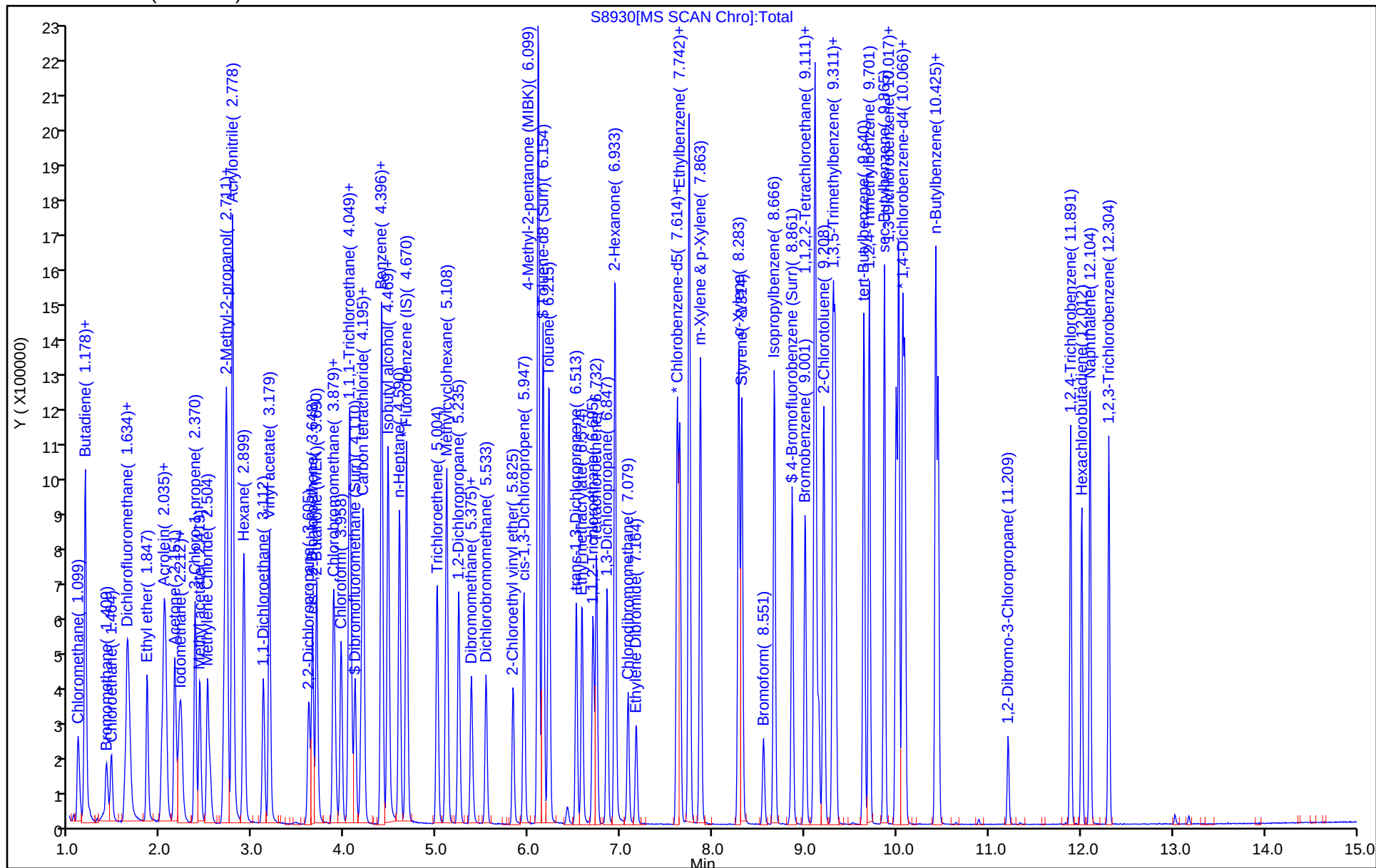
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S8930.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Jun-2025 12:10:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0124106-006
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124106.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 20-Jun-2025 12:29:50 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1715

First Level Reviewer: FGO5

Date: 20-Jun-2025 12:31:33

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	23.1	92.24
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.0	103.82
\$ 5 Toluene-d8 (Surr)	25.0	25.0	100.13
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.7	90.93

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 480-749533/6</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8958.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 23:14</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749533</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.7		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	23.5		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	24.4		1.0	0.23
75-34-3	1,1-Dichloroethane	25.5		1.0	0.38
75-35-4	1,1-Dichloroethene	22.8		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	23.4		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	25.6		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	21.2		1.0	0.39
106-93-4	1,2-Dibromoethane	23.1		1.0	0.73
95-50-1	1,2-Dichlorobenzene	25.9		1.0	0.79
107-06-2	1,2-Dichloroethane	26.0		1.0	0.21
78-87-5	1,2-Dichloropropane	24.9		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	26.3		1.0	0.77
541-73-1	1,3-Dichlorobenzene	25.8		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.2		1.0	0.84
78-93-3	2-Butanone (MEK)	124		10	1.3
591-78-6	2-Hexanone	139		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	135		5.0	2.1
67-64-1	Acetone	133		10	3.0
71-43-2	Benzene	24.9		1.0	0.41
75-27-4	Bromodichloromethane	21.2		1.0	0.39
75-25-2	Bromoform	16.7		1.0	0.26
74-83-9	Bromomethane	21.4		1.0	0.69
75-15-0	Carbon disulfide	21.4		1.0	0.19
56-23-5	Carbon tetrachloride	23.9		1.0	0.27
108-90-7	Chlorobenzene	24.4		1.0	0.75
75-00-3	Chloroethane	24.1		1.0	0.32
67-66-3	Chloroform	24.2		1.0	0.34
74-87-3	Chloromethane	23.7		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	22.6		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	22.4		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 480-749533/6</u>
Matrix: <u>Water</u>	Lab File ID: <u>S8958.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/20/2025 23:14</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749533</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	25.7		1.0	0.18
124-48-1	Dibromochloromethane	20.1		1.0	0.32
75-71-8	Dichlorodifluoromethane	17.1		1.0	0.68
100-41-4	Ethylbenzene	25.3		1.0	0.74
98-82-8	Isopropylbenzene	26.2		1.0	0.79
79-20-9	Methyl acetate	47.2		2.5	1.3
1634-04-4	Methyl tert-butyl ether	23.3		1.0	0.16
108-87-2	Methylcyclohexane	23.4		1.0	0.16
75-09-2	Methylene Chloride	23.7		1.0	0.44
103-65-1	N-Propylbenzene	27.3		1.0	0.69
100-42-5	Styrene	23.3		1.0	0.73
127-18-4	Tetrachloroethene	41.5		1.0	0.36
108-88-3	Toluene	25.5		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	23.0		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	22.4		1.0	0.37
79-01-6	Trichloroethene	23.8		1.0	0.46
75-69-4	Trichlorofluoromethane	26.5		1.0	0.88
75-01-4	Vinyl chloride	27.8		1.0	0.90
1330-20-7	Xylenes, Total	48.0		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	88		73-120
1868-53-7	Dibromofluoromethane (Surr)	92		75-123
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8958.d
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 20-Jun-2025 23:14:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 480-0124110-006
 Operator ID: AG Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 24-Jun-2025 12:02:23 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1626

First Level Reviewer: ZVM8

Date: 24-Jun-2025 12:02:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	163183	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	86	313310	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	84	319609	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	54	205489	25.0	23.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	61	147164	25.0	26.4	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	69	800817	25.0	25.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	87	239342	25.0	22.0	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	87	195579	25.0	17.1	
11 Chlorodifluoromethane	51	0.983	0.983	0.000	78	237483	25.0	22.9	
12 Chloromethane	50	1.099	1.093	0.006	81	295423	25.0	23.7	
13 Vinyl chloride	62	1.166	1.166	0.000	97	241258	25.0	27.8	
151 Butadiene	54	1.178	1.172	0.006	96	310426	25.0	28.3	
14 Bromomethane	94	1.409	1.403	0.006	93	128934	25.0	21.4	
15 Chloroethane	64	1.458	1.458	0.000	93	149828	25.0	24.1	
16 Dichlorofluoromethane	67	1.634	1.628	0.006	82	375955	25.0	25.9	
17 Trichlorofluoromethane	101	1.640	1.640	0.000	51	304081	25.0	26.5	
18 Ethyl ether	59	1.847	1.853	0.000	91	197870	25.0	25.5	
148 Ethanol	45	1.853	1.865	-0.012	87	260216	1000.0	2734.7	
19 Propene oxide	58	1.926	1.926	0.000	87	308413	NC	NC	
20 Acrolein	56	2.011	2.011	0.006	67	109154	125.0	92.0	
22 1,1-Dichloroethene	96	2.035	2.036	0.000	85	156322	25.0	22.8	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.042	2.042	0.000	66	165727	25.0	26.1	
23 Acetone	43	2.151	2.151	0.000	98	503854	125.0	132.9	
25 Iodomethane	142	2.200	2.175	0.025	82	274341	25.0	21.6	
26 Carbon disulfide	76	2.218	2.212	0.006	99	458649	25.0	21.4	
24 Isopropyl alcohol	45	2.327	2.327	0.000	96	178917	250.0	230.9	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	84	362037	25.0	22.6	
27 Methyl acetate	43	2.419	2.419	0.000	95	469168	50.0	47.2	
29 Acetonitrile	40	2.431	2.431	0.000	85	216254	250.0	261.7	M
30 Methylene Chloride	84	2.504	2.504	0.000	83	194313	25.0	23.7	
31 2-Methyl-2-propanol	59	2.686	2.686	0.000	79	293630	250.0	208.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	92	612568	25.0	23.3	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	82	181206	25.0	23.0	
33 Acrylonitrile	53	2.778	2.778	0.000	97	1093312	250.0	247.2	
35 Hexane	57	2.899	2.899	0.000	96	308548	25.0	22.6	
39 1,1-Dichloroethane	63	3.112	3.112	0.000	86	357817	25.0	25.5	
36 Isopropyl ether	45	3.137	3.137	0.000	95	863610	25.0	27.0	
40 2-Chloro-1,3-butadiene	53	3.167	3.167	0.000	62	382931	25.0	26.7	
37 Vinyl acetate	43	3.179	3.179	0.000	89	929079	50.0	46.1	M
38 1,1-Dimethoxyethane	75	3.204	3.222	-0.006	62	121451	125.0	56.5	
41 Tert-butyl ethyl ether	59	3.465	3.465	0.000	98	725681	25.0	23.1	
44 2,2-Dichloropropane	77	3.605	3.611	-0.006	87	175787	25.0	20.0	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	70	189408	25.0	22.6	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	96	745728	125.0	124.1	M
42 Ethyl acetate	43	3.733	3.733	0.000	91	640906	50.0	57.0	M
46 Propionitrile	54	3.794	3.794	0.000	97	424198	250.0	243.3	
48 Chlorobromomethane	128	3.873	3.873	0.000	83	101332	25.0	20.7	
49 Tetrahydrofuran	42	3.891	3.891	0.000	27	285189	50.0	70.7	
47 Methacrylonitrile	41	3.897	3.897	0.000	98	2198270	250.0	276.5	
50 Chloroform	83	3.958	3.958	0.000	68	333624	25.0	24.2	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	77	286379	25.0	23.7	
52 Cyclohexane	56	4.049	4.049	0.000	97	410867	25.0	25.7	
55 Carbon tetrachloride	117	4.183	4.183	0.000	84	257848	25.0	23.9	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	88	272951	25.0	26.7	
57 Benzene	78	4.396	4.396	0.000	95	748372	25.0	24.9	
152 Isooctane	57	4.402	4.402	0.000	92	800916	25.0	26.8	
53 Isobutyl alcohol	43	4.469	4.463	0.006	89	736953	625.0	1281.5	
58 1,2-Dichloroethane	62	4.469	4.475	-0.006	70	308349	25.0	26.0	
56 Tert-amyl methyl ether	73	4.493	4.499	0.006	86	751649	25.0	22.6	
147 t-Amyl alcohol	59	4.511	4.511	0.000	70	288171	250.0	228.2	
59 n-Heptane	43	4.591	4.591	0.000	98	373644	25.0	26.4	
1 1,4-Difluorobenzene	114	4.791	4.791	0.000	95	611580	25.0	24.2	
62 Trichloroethene	95	5.004	5.004	0.000	92	194244	25.0	23.8	
60 n-Butanol	56	5.083	5.083	0.006	93	287466	625.0	867.0	Ma
64 Methylcyclohexane	83	5.108	5.108	0.000	94	339746	25.0	23.4	
142 Ethyl acrylate	55	5.156	5.156	0.000	77	313207	25.0	25.3	
65 1,2-Dichloropropane	63	5.235	5.235	0.000	88	199753	25.0	24.9	
63 Methyl methacrylate	41	5.363	5.363	0.000	90	504301	50.0	46.2	
67 Dibromomethane	93	5.369	5.369	0.000	39	119326	25.0	23.2	
66 1,4-Dioxane	88	5.388	5.394	0.000	65	37745	500.0	532.8	
68 Dichlorobromomethane	83	5.534	5.534	0.000	89	223583	25.0	21.2	
70 2-Nitropropane	43	5.789	5.789	0.000	97	131373	50.0	36.3	
69 2-Chloroethyl vinyl ether	63	5.826	5.826	0.000	79	135117	25.0	23.7	
71 Epichlorohydrin	57	5.905	5.917	0.000	98	280746	250.0	230.1	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	78	294136	25.0	22.4	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1479756	125.0	135.5	
74 Toluene	92	6.215	6.215	0.000	86	472711	25.0	25.5	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	93	257931	25.0	22.4	
75 Ethyl methacrylate	69	6.580	6.580	0.000	91	238273	25.0	21.6	
79 1,1,2-Trichloroethane	83	6.695	6.696	-0.001	88	139520	25.0	24.4	
81 Tetrachloroethene	166	6.738	6.732	0.006	87	344176	25.0	41.5	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	96	289572	25.0	25.1	
80 2-Hexanone	43	6.933	6.933	0.000	97	985571	125.0	139.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
155 n-Butyl acetate	43	7.054	7.054	0.000	96	422040	25.0	26.1	
83 Chlorodibromomethane	129	7.079	7.079	0.000	85	163802	25.0	20.1	
84 Ethylene Dibromide	107	7.164	7.164	0.000	97	162221	25.0	23.1	
146 1-Chlorohexane	55	7.614	7.614	0.000	69	221542	25.0	25.7	
87 Chlorobenzene	112	7.638	7.638	0.000	89	524143	25.0	24.4	
85 3-Chlorobenzotrifluoride	180	7.645	7.644	0.001	78	292469	25.0	24.8	
86 4-Chlorobenzotrifluoride	180	7.705	7.705	0.000	95	275057	25.0	24.8	
88 Ethylbenzene	91	7.742	7.742	0.000	96	876136	25.0	25.3	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	34	187893	25.0	24.0	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	98	338398	25.0	23.9	
91 o-Xylene	106	8.283	8.283	0.000	98	330760	25.0	24.1	
92 Styrene	104	8.314	8.314	0.000	94	525895	25.0	23.3	
95 Bromoform	173	8.551	8.551	0.000	93	98012	25.0	16.7	
93 2-Chlorobenzotrifluoride	180	8.606	8.606	0.000	90	292851	25.0	24.5	
94 Isopropylbenzene	105	8.667	8.667	0.000	90	796122	25.0	26.2	
96 Cyclohexanone	55	8.831	8.831	0.000	96	98489	250.0	249.9	
101 Bromobenzene	156	9.007	9.001	0.006	95	213551	25.0	23.6	
97 1,1,2,2-Tetrachloroethane	83	9.098	9.105	-0.007	59	213807	25.0	23.5	
99 N-Propylbenzene	91	9.111	9.111	0.000	98	1023509	25.0	27.3	
100 1,2,3-Trichloropropane	110	9.117	9.123	-0.006	53	79859	25.0	23.8	
98 trans-1,4-Dichloro-2-butene	53	9.147	9.147	0.000	84	67445	25.0	17.2	
103 2-Chlorotoluene	126	9.208	9.208	0.000	95	210867	25.0	24.9	
104 3-Chlorotoluene	126	9.281	9.281	0.000	97	234097	25.0	24.9	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	94	721216	25.0	26.3	
105 4-Chlorotoluene	126	9.330	9.330	0.000	96	234820	25.0	25.9	
106 tert-Butylbenzene	134	9.640	9.640	0.000	92	170961	25.0	26.2	
108 Pentachloroethane	167	9.701	9.689	0.000	25	25382	25.0	23.8	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	64	735153	25.0	25.6	
109 sec-Butylbenzene	105	9.865	9.865	0.000	94	935754	25.0	27.3	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	97	431372	25.0	25.8	
110 4-Isopropyltoluene	119	10.017	10.017	0.000	96	823466	25.0	26.4	
114 Dicyclopentadiene	66	10.054	10.054	0.000	90	981319	25.0	26.2	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	93	440559	25.0	25.2	
112 1,2,3-Trimethylbenzene	105	10.127	10.127	0.000	69	780275	25.0	25.3	
150 Benzyl chloride	126	10.248	10.254	-0.006	99	78581	25.0	16.6	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	738497	25.0	27.7	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	96	415325	25.0	25.9	
117 1,2-Dibromo-3-Chloropropane	75	11.209	11.210	-0.001	72	41414	25.0	21.2	
118 1,3,5-Trichlorobenzene	180	11.337	11.343	-0.006	96	296603	25.0	23.3	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	90	264074	25.0	23.4	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	94	130534	25.0	23.7	
121 Naphthalene	128	12.104	12.104	0.000	97	741985	25.0	23.6	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	94	246304	25.0	23.7	
149 2-Methylnaphthalene	142	13.022	13.022	0.000	90	383863	25.0	21.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00268	Amount Added: 12.50	Units: uL	
GAS CORP mix_00682	Amount Added: 12.50	Units: uL	
ADD CORP mix_00156	Amount Added: 12.50	Units: uL	
S_8260_Surr_00508	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_IS_00419	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8958.d

Injection Date: 20-Jun-2025 23:14:30

Instrument ID: HP5973S

Lims ID: LCS

Operator ID: AG

Client ID:

Worklist Smp#: 6

Purge Vol: 5.000 mL

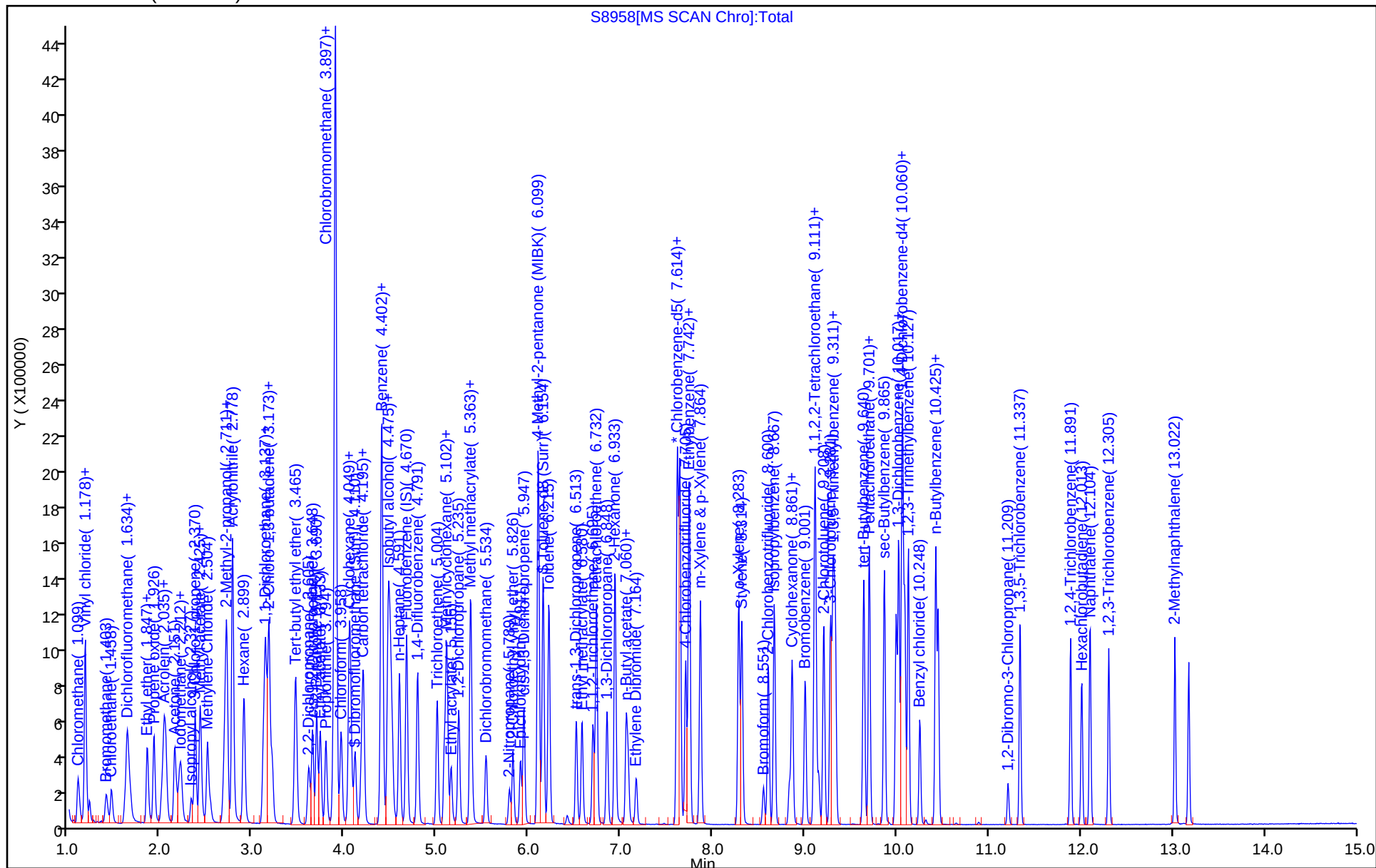
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8958.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Jun-2025 23:14:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0124110-006
Operator ID: AG Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 24-Jun-2025 12:02:23 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1626

First Level Reviewer: ZVM8

Date: 24-Jun-2025 12:02:23

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	23.0	92.05
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.4	105.71
\$ 5 Toluene-d8 (Surr)	25.0	25.7	102.69
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.0	87.85

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250620-124110.b\S8958.d

Injection Date: 20-Jun-2025 23:14:30

Instrument ID: HP5973S

Lims ID: LCS

Client ID:

Operator ID: AG

ALS Bottle#:

6

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

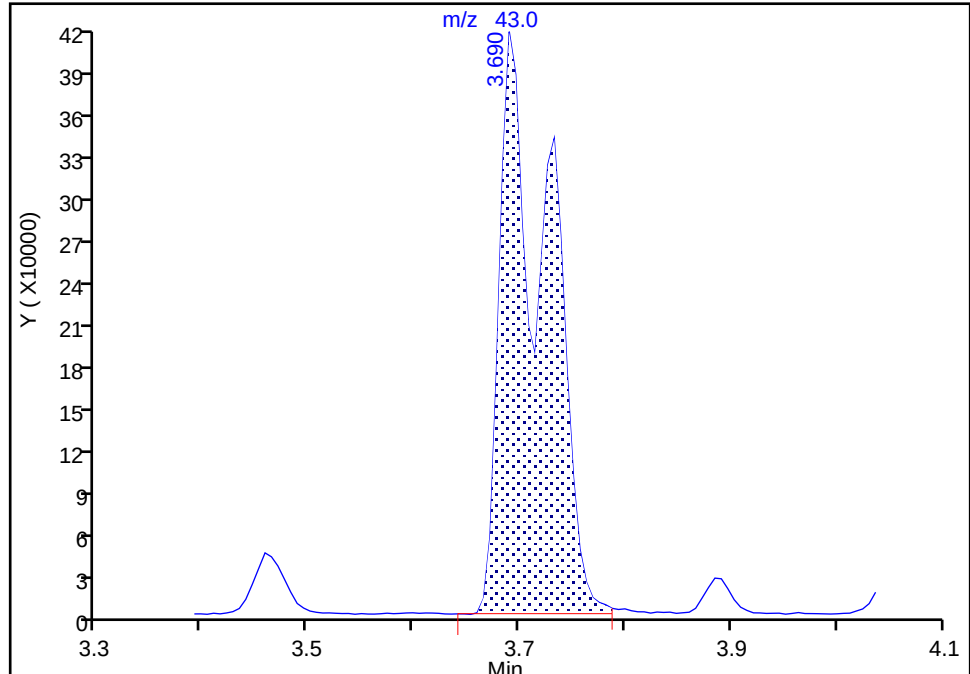
Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

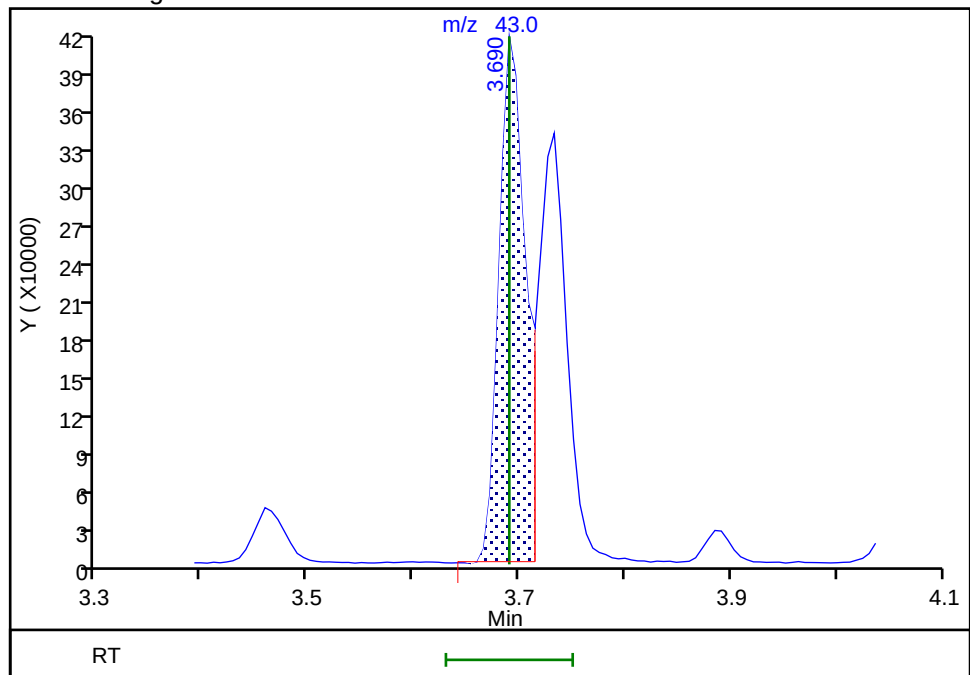
RT: 3.69
Area: 1316501
Amount: 219.1029
Amount Units: ug/L

Processing Integration Results



RT: 3.69
Area: 745728
Amount: 124.1102
Amount Units: ug/L

Manual Integration Results



Reviewer: ZVM8, 24-Jun-2025 12:00:44 07:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 480-749755/6</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9017.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 00:21</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	26.2		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	27.0		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	28.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	25.5		1.0	0.23
75-34-3	1,1-Dichloroethane	28.4		1.0	0.38
75-35-4	1,1-Dichloroethene	25.1		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	26.7		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	28.1		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	24.6		1.0	0.39
106-93-4	1,2-Dibromoethane	25.7		1.0	0.73
95-50-1	1,2-Dichlorobenzene	27.7		1.0	0.79
107-06-2	1,2-Dichloroethane	27.8		1.0	0.21
78-87-5	1,2-Dichloropropane	27.3		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	28.8		1.0	0.77
541-73-1	1,3-Dichlorobenzene	27.6		1.0	0.78
106-46-7	1,4-Dichlorobenzene	26.9		1.0	0.84
78-93-3	2-Butanone (MEK)	134		10	1.3
591-78-6	2-Hexanone	148		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	148		5.0	2.1
67-64-1	Acetone	141		10	3.0
71-43-2	Benzene	27.2		1.0	0.41
75-27-4	Bromodichloromethane	23.1		1.0	0.39
75-25-2	Bromoform	19.4		1.0	0.26
74-83-9	Bromomethane	24.9		1.0	0.69
75-15-0	Carbon disulfide	24.2		1.0	0.19
56-23-5	Carbon tetrachloride	26.0		1.0	0.27
108-90-7	Chlorobenzene	26.4		1.0	0.75
75-00-3	Chloroethane	25.9		1.0	0.32
67-66-3	Chloroform	26.3		1.0	0.34
74-87-3	Chloromethane	28.5		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	25.9		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	25.2		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 480-749755/6</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9017.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 00:21</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749755</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	28.5		1.0	0.18
124-48-1	Dibromochloromethane	22.3		1.0	0.32
75-71-8	Dichlorodifluoromethane	24.2		1.0	0.68
100-41-4	Ethylbenzene	27.7		1.0	0.74
98-82-8	Isopropylbenzene	28.6		1.0	0.79
79-20-9	Methyl acetate	50.2		2.5	1.3
1634-04-4	Methyl tert-butyl ether	25.5		1.0	0.16
108-87-2	Methylcyclohexane	26.4		1.0	0.16
75-09-2	Methylene Chloride	26.7		1.0	0.44
103-65-1	N-Propylbenzene	30.1		1.0	0.69
100-42-5	Styrene	24.9		1.0	0.73
127-18-4	Tetrachloroethene	27.0		1.0	0.36
108-88-3	Toluene	27.4		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	25.5		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	25.1		1.0	0.37
79-01-6	Trichloroethene	25.3		1.0	0.46
75-69-4	Trichlorofluoromethane	29.5		1.0	0.88
75-01-4	Vinyl chloride	31.8		1.0	0.90
1330-20-7	Xylenes, Total	52.2		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-120
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
1868-53-7	Dibromofluoromethane (Surr)	93		75-123
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9017.d
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 24-Jun-2025 00:21:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 480-0124139-006
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jun-2025 11:54:28 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1630

First Level Reviewer: ZVM8

Date: 25-Jun-2025 11:54:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	168718	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	86	327871	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	81	334766	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	57	213724	25.0	23.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	60	157756	25.0	27.4	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	68	836516	25.0	25.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.867	8.861	0.006	92	254461	25.0	22.3	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	87	286991	25.0	24.2	
11 Chlorodifluoromethane	51	0.983	0.983	0.000	78	247703	25.0	23.1	
12 Chloromethane	50	1.099	1.099	0.000	82	367358	25.0	28.5	
13 Vinyl chloride	62	1.166	1.172	-0.006	72	285683	25.0	31.8	
151 Butadiene	54	1.178	1.178	0.000	96	350109	25.0	30.8	
14 Bromomethane	94	1.403	1.409	-0.006	93	155585	25.0	24.9	
15 Chloroethane	64	1.458	1.464	-0.006	97	166105	25.0	25.9	
16 Dichlorofluoromethane	67	1.628	1.634	-0.006	81	412504	25.0	27.5	
17 Trichlorofluoromethane	101	1.640	1.640	0.000	57	350363	25.0	29.5	
18 Ethyl ether	59	1.847	1.853	-0.006	94	221893	25.0	27.6	
148 Ethanol	45	1.847	1.859	-0.012	83	313777	1000.0	3189.4	
19 Propene oxide	58	1.920	1.920	0.000	87	328005	NC	NC	
20 Acrolein	56	2.005	2.005	0.000	77	134988	125.0	110.0	
22 1,1-Dichloroethene	96	2.029	2.035	-0.006	84	177877	25.0	25.1	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	2.036	2.042	-0.006	61	189660	25.0	28.9	
23 Acetone	43	2.151	2.151	0.000	97	552229	125.0	140.9	
25 Iodomethane	142	2.169	2.200	-0.031	100	313164	25.0	23.8	
26 Carbon disulfide	76	2.206	2.218	-0.012	99	537564	25.0	24.2	
24 Isopropyl alcohol	45	2.328	2.327	0.001	98	200981	250.0	250.9	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	86	428095	25.0	25.9	
27 Methyl acetate	43	2.419	2.425	-0.006	95	515427	50.0	50.2	
29 Acetonitrile	40	2.431	2.431	0.000	86	223176	250.0	261.3	M
30 Methylene Chloride	84	2.504	2.510	-0.006	86	225240	25.0	26.7	
31 2-Methyl-2-propanol	59	2.686	2.686	0.000	79	346389	250.0	238.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	92	693232	25.0	25.5	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	84	207926	25.0	25.5	
33 Acrylonitrile	53	2.778	2.778	0.000	98	1261773	250.0	276.0	
35 Hexane	57	2.899	2.899	0.000	95	352542	25.0	24.9	
39 1,1-Dichloroethane	63	3.112	3.118	-0.006	86	411382	25.0	28.4	
36 Isopropyl ether	45	3.137	3.137	0.000	94	884614	25.0	26.7	
40 2-Chloro-1,3-butadiene	53	3.167	3.167	0.000	47	399069	25.0	26.9	
37 Vinyl acetate	43	3.179	3.179	0.000	88	1511615	50.0	72.5	M
38 1,1-Dimethoxyethane	75	3.210	3.203	0.007	61	144326	125.0	64.9	
41 Tert-butyl ethyl ether	59	3.465	3.459	0.006	97	747263	25.0	23.0	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	90	218446	25.0	24.0	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	69	224353	25.0	25.9	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	96	830240	125.0	133.6	M
42 Ethyl acetate	43	3.733	3.733	0.000	92	668868	50.0	57.5	Ma
46 Propionitrile	54	3.794	3.794	0.000	98	448432	250.0	248.7	
48 Chlorobromomethane	128	3.873	3.879	-0.006	83	114952	25.0	22.7	
49 Tetrahydrofuran	42	3.891	3.885	0.006	28	305674	50.0	73.3	
47 Methacrylonitrile	41	3.897	3.897	0.000	98	2308390	250.0	280.9	
50 Chloroform	83	3.958	3.958	0.000	68	374654	25.0	26.3	
52 Cyclohexane	56	4.049	4.049	0.000	90	471983	25.0	28.5	
51 1,1,1-Trichloroethane	97	4.049	4.055	-0.006	71	327591	25.0	26.2	
55 Carbon tetrachloride	117	4.183	4.183	0.000	80	290298	25.0	26.0	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	89	306478	25.0	29.0	
57 Benzene	78	4.396	4.396	0.000	95	847032	25.0	27.2	
152 Isooctane	57	4.402	4.402	0.000	88	839691	25.0	27.2	
53 Isobutyl alcohol	43	4.469	4.469	0.000	91	793916	625.0	1335.3	
58 1,2-Dichloroethane	62	4.475	4.475	0.000	65	341552	25.0	27.8	
56 Tert-amyl methyl ether	73	4.487	4.487	0.000	84	790490	25.0	22.9	
147 t-Amyl alcohol	59	4.512	4.511	0.001	72	299301	250.0	229.2	
59 n-Heptane	43	4.591	4.591	0.000	99	419028	25.0	28.6	
1 1,4-Difluorobenzene	114	4.791	4.791	0.000	95	627899	25.0	24.0	
62 Trichloroethene	95	4.998	5.004	-0.006	91	214134	25.0	25.3	
60 n-Butanol	56	5.077	5.077	0.000	96	319579	625.0	932.3	M
64 Methylcyclohexane	83	5.108	5.108	0.000	94	396045	25.0	26.4	
142 Ethyl acrylate	55	5.156	5.156	0.000	77	324481	25.0	25.3	
65 1,2-Dichloropropane	63	5.236	5.235	0.001	87	226359	25.0	27.3	
63 Methyl methacrylate	41	5.363	5.363	0.000	89	528263	50.0	46.8	
67 Dibromomethane	93	5.369	5.369	0.000	41	134697	25.0	25.4	
66 1,4-Dioxane	88	5.388	5.394	0.000	76	47434	500.0	639.9	
68 Dichlorobromomethane	83	5.534	5.534	0.000	91	251343	25.0	23.1	
70 2-Nitropropane	43	5.826	5.789	0.037	53	253590	50.0	66.9	
69 2-Chloroethyl vinyl ether	63	5.826	5.832	0.000	82	152803	25.0	25.9	
71 Epichlorohydrin	57	5.911	5.905	0.006	98	291008	250.0	230.7	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	78	341853	25.0	25.2	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1687898	125.0	147.7	
74 Toluene	92	6.215	6.221	-0.006	87	532157	25.0	27.4	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	94	302188	25.0	25.1	
75 Ethyl methacrylate	69	6.580	6.580	0.000	90	277335	25.0	24.0	
79 1,1,2-Trichloroethane	83	6.696	6.696	0.000	87	152446	25.0	25.5	
81 Tetrachloroethene	166	6.738	6.732	0.006	87	234107	25.0	27.0	
82 1,3-Dichloropropane	76	6.848	6.848	0.000	97	331893	25.0	27.5	
80 2-Hexanone	43	6.933	6.933	0.000	98	1100074	125.0	148.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
155 n-Butyl acetate	43	7.054	7.060	-0.006	96	437424	25.0	26.1	
83 Chlorodibromomethane	129	7.079	7.079	0.000	89	190560	25.0	22.3	
84 Ethylene Dibromide	107	7.170	7.164	0.006	97	189204	25.0	25.7	
146 1-Chlorohexane	55	7.614	7.614	0.000	70	231695	25.0	25.7	
87 Chlorobenzene	112	7.639	7.638	0.001	89	591762	25.0	26.4	
85 3-Chlorobenzotrifluoride	180	7.645	7.644	0.001	78	313442	25.0	25.4	
86 4-Chlorobenzotrifluoride	180	7.705	7.705	0.000	96	280242	25.0	24.2	
88 Ethylbenzene	91	7.742	7.742	0.000	97	1001838	25.0	27.7	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	37	211428	25.0	25.8	
90 m-Xylene & p-Xylene	106	7.864	7.864	0.000	98	380294	25.0	25.7	
91 o-Xylene	106	8.283	8.283	0.000	98	379941	25.0	26.5	
92 Styrene	104	8.314	8.314	0.000	93	589033	25.0	24.9	
95 Bromoform	173	8.551	8.551	0.000	92	118651	25.0	19.4	
93 2-Chlorobenzotrifluoride	180	8.606	8.606	0.000	92	299853	25.0	24.0	
94 Isopropylbenzene	105	8.667	8.667	0.000	89	911221	25.0	28.6	
96 Cyclohexanone	55	8.831	8.831	0.000	95	103996	250.0	251.9	
101 Bromobenzene	156	9.001	9.001	0.000	95	250762	25.0	26.5	
97 1,1,2,2-Tetrachloroethane	83	9.099	9.105	-0.006	61	257399	25.0	27.0	
99 N-Propylbenzene	91	9.111	9.111	0.000	97	1184060	25.0	30.1	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	60	89986	25.0	25.6	
98 trans-1,4-Dichloro-2-butene	53	9.153	9.153	0.000	1	96107	25.0	23.4	
103 2-Chlorotoluene	126	9.208	9.208	0.000	96	239580	25.0	27.0	
104 3-Chlorotoluene	126	9.281	9.281	0.000	97	243496	25.0	24.8	
102 1,3,5-Trimethylbenzene	105	9.305	9.311	-0.006	94	827422	25.0	28.8	
105 4-Chlorotoluene	126	9.330	9.330	0.000	95	261310	25.0	27.6	
106 tert-Butylbenzene	134	9.640	9.640	0.000	92	200055	25.0	29.3	
108 Pentachloroethane	167	9.695	9.701	-0.006	38	125080	25.0	111.9	E
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	50	844599	25.0	28.1	
109 sec-Butylbenzene	105	9.865	9.865	0.000	95	1071248	25.0	29.9	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	483539	25.0	27.6	
110 4-Isopropyltoluene	119	10.023	10.023	0.000	95	950115	25.0	29.1	
114 Dicyclopentadiene	66	10.054	10.054	0.000	89	1043047	25.0	26.6	
113 1,4-Dichlorobenzene	146	10.084	10.090	-0.006	91	492808	25.0	26.9	
112 1,2,3-Trimethylbenzene	105	10.127	10.127	0.000	66	810326	25.0	25.1	
150 Benzyl chloride	126	10.248	10.261	-0.006	99	87204	25.0	17.6	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	846716	25.0	30.4	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	95	465819	25.0	27.7	
117 1,2-Dibromo-3-Chloropropane	75	11.210	11.216	0.000	74	50300	25.0	24.6	
118 1,3,5-Trichlorobenzene	180	11.343	11.343	0.000	96	318679	25.0	23.9	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	91	316625	25.0	26.7	
120 Hexachlorobutadiene	225	12.013	12.013	0.000	93	154102	25.0	26.7	
121 Naphthalene	128	12.104	12.104	0.000	97	881078	25.0	26.8	
122 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	92	293813	25.0	27.0	
149 2-Methylnaphthalene	142	13.022	13.022	0.000	87	430161	25.0	23.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00268	Amount Added: 12.50	Units: uL	
GAS CORP mix_00683	Amount Added: 12.50	Units: uL	
ADD CORP mix_00156	Amount Added: 12.50	Units: uL	
S_8260_Surr_00508	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_IS_00419	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9017.d

Injection Date: 24-Jun-2025 00:21:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: LCS

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

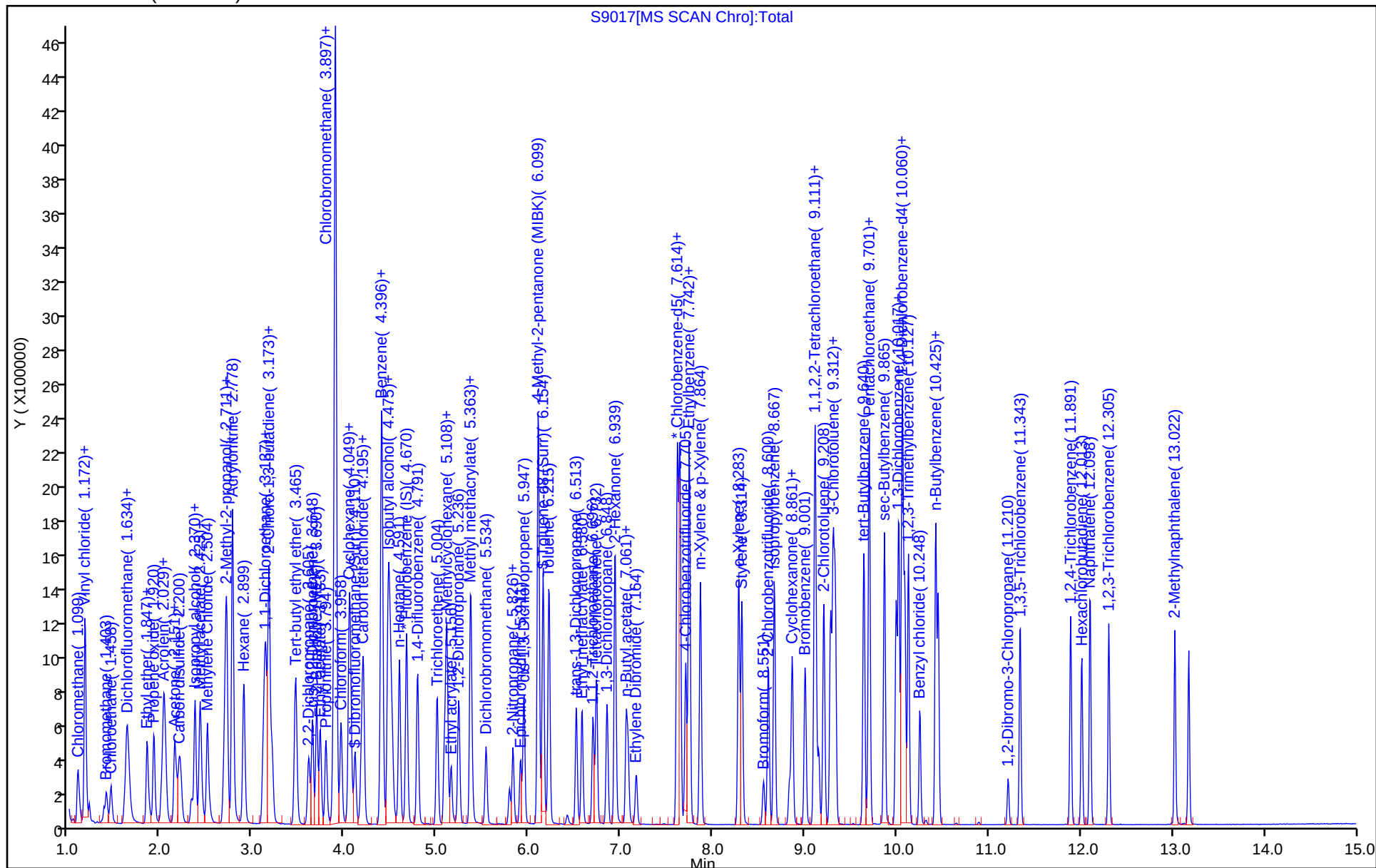
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9017.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2025 00:21:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0124139-006
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 25-Jun-2025 11:54:28 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: ZVM8

Date: 25-Jun-2025 11:54:28

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	23.1	92.60
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	27.4	109.60
\$ 5 Toluene-d8 (Surr)	25.0	25.6	102.51
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.3	89.25

Eurofins Buffalo

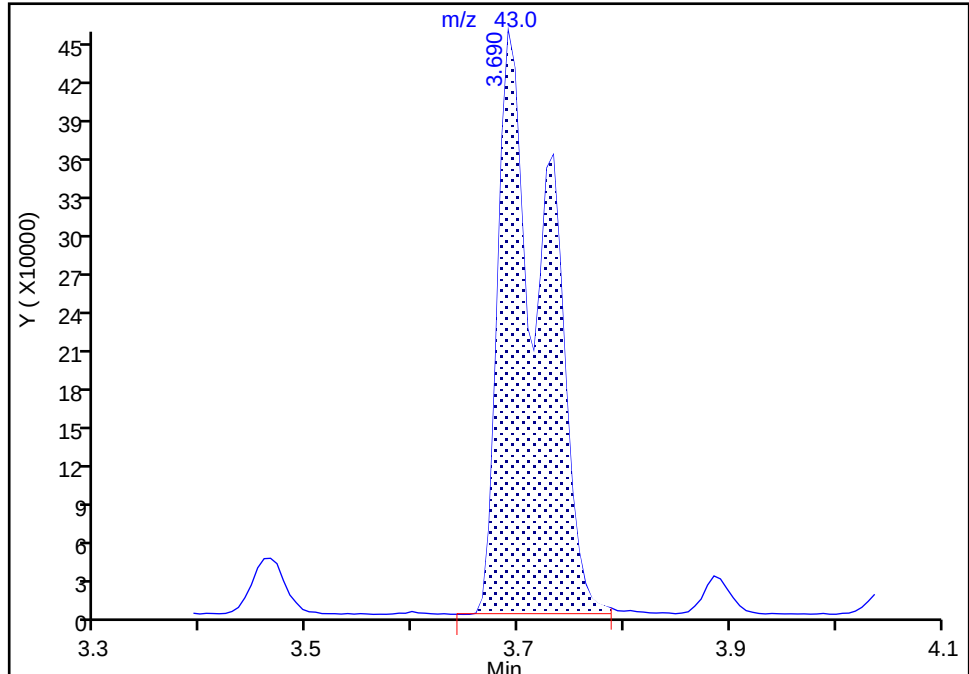
Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250623-124139.b\S9017.d
Injection Date: 24-Jun-2025 00:21:30 Instrument ID: HP5973S
Lims ID: LCS
Client ID:
Operator ID: AG/LH ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: S-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

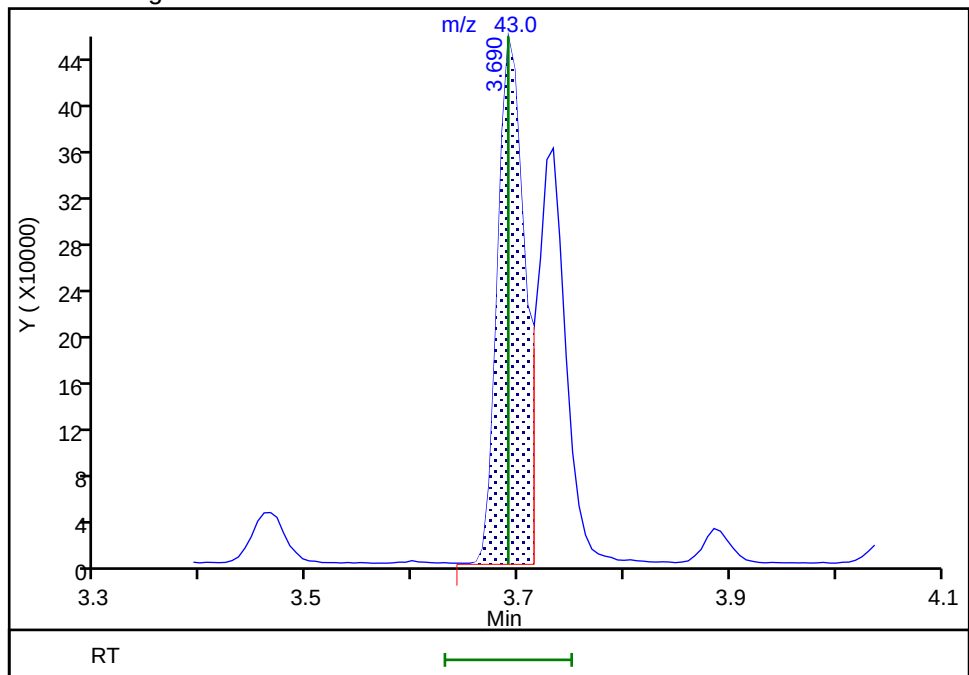
RT: 3.69
Area: 1423434
Amount: 229.1278
Amount Units: ug/L

Processing Integration Results



RT: 3.69
Area: 830240
Amount: 133.6424
Amount Units: ug/L

Manual Integration Results



Reviewer: ZVM8, 25-Jun-2025 11:53:42 07:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 480-749897/6</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9070.d</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/24/2025 22:42</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749897</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	24.8		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	25.8		1.0	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	27.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	24.0		1.0	0.23
75-34-3	1,1-Dichloroethane	27.4		1.0	0.38
75-35-4	1,1-Dichloroethene	23.5		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	24.1		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	26.0		1.0	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.39
106-93-4	1,2-Dibromoethane	23.7		1.0	0.73
95-50-1	1,2-Dichlorobenzene	25.7		1.0	0.79
107-06-2	1,2-Dichloroethane	26.9		1.0	0.21
78-87-5	1,2-Dichloropropane	25.7		1.0	0.72
108-67-8	1,3,5-Trimethylbenzene	26.4		1.0	0.77
541-73-1	1,3-Dichlorobenzene	26.0		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.4		1.0	0.84
78-93-3	2-Butanone (MEK)	135		10	1.3
591-78-6	2-Hexanone	147		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	142		5.0	2.1
67-64-1	Acetone	147		10	3.0
71-43-2	Benzene	25.7		1.0	0.41
75-27-4	Bromodichloromethane	21.5		1.0	0.39
75-25-2	Bromoform	17.8		1.0	0.26
74-83-9	Bromomethane	23.0		1.0	0.69
75-15-0	Carbon disulfide	23.2		1.0	0.19
56-23-5	Carbon tetrachloride	24.7		1.0	0.27
108-90-7	Chlorobenzene	24.4		1.0	0.75
75-00-3	Chloroethane	25.4		1.0	0.32
67-66-3	Chloroform	25.1		1.0	0.34
74-87-3	Chloromethane	27.3		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	24.3		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	23.3		1.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 480-749897/6

Matrix: Water Lab File ID: S9070.d

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 06/24/2025 22:42

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

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

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

Analysis Batch No.: 749897 Units: ug/L

Preparation Batch No.: _____ Instrument ID: HP5973S

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	26.9		1.0	0.18
124-48-1	Dibromochloromethane	20.1		1.0	0.32
75-71-8	Dichlorodifluoromethane	19.9		1.0	0.68
100-41-4	Ethylbenzene	25.6		1.0	0.74
98-82-8	Isopropylbenzene	26.4		1.0	0.79
79-20-9	Methyl acetate	51.3		2.5	1.3
1634-04-4	Methyl tert-butyl ether	25.3		1.0	0.16
108-87-2	Methylcyclohexane	24.7		1.0	0.16
75-09-2	Methylene Chloride	23.8		1.0	0.44
103-65-1	N-Propylbenzene	27.8		1.0	0.69
100-42-5	Styrene	24.4		1.0	0.73
127-18-4	Tetrachloroethene	24.4		1.0	0.36
108-88-3	Toluene	25.7		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	24.1		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	23.1		1.0	0.37
79-01-6	Trichloroethene	23.7		1.0	0.46
75-69-4	Trichlorofluoromethane	28.5		1.0	0.88
75-01-4	Vinyl chloride	29.4		1.0	0.90
1330-20-7	Xylenes, Total	48.5		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	88		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		75-123
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9070.d
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 24-Jun-2025 22:42:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 480-0124163-006
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jun-2025 12:10:45 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:11:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	160380	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.608	7.614	-0.006	88	318196	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	73	330318	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	56	211699	25.0	24.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	61	145294	25.0	26.5	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	73	807168	25.0	25.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	86	243578	25.0	22.0	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	87	224852	25.0	19.9	
12 Chloromethane	50	1.098	1.098	0.000	82	333674	25.0	27.3	
13 Vinyl chloride	62	1.165	1.165	0.000	82	250851	25.0	29.4	
151 Butadiene	54	1.178	1.171	0.007	97	309538	25.0	28.7	
14 Bromomethane	94	1.403	1.403	0.000	91	136173	25.0	23.0	
15 Chloroethane	64	1.457	1.457	0.000	94	154868	25.0	25.4	
16 Dichlorofluoromethane	67	1.628	1.628	0.000	82	385070	25.0	27.0	
17 Trichlorofluoromethane	101	1.634	1.640	-0.006	49	322349	25.0	28.5	
18 Ethyl ether	59	1.847	1.847	0.000	97	209352	25.0	27.4	
20 Acrolein	56	2.005	2.005	0.000	97	118478	125.0	101.6	
22 1,1-Dichloroethene	96	2.029	2.029	0.000	84	158495	25.0	23.5	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	2.041	2.035	0.006	67	174050	25.0	27.9	
23 Acetone	43	2.145	2.145	0.000	97	546254	125.0	146.6	
25 Iodomethane	142	2.175	2.169	0.006	99	283947	25.0	22.7	
26 Carbon disulfide	76	2.212	2.200	0.012	99	489292	25.0	23.2	
28 3-Chloro-1-propene	41	2.370	2.370	0.000	85	420469	25.0	26.7	
27 Methyl acetate	43	2.419	2.419	0.000	97	501292	50.0	51.3	
30 Methylene Chloride	84	2.504	2.504	0.000	90	191582	25.0	23.8	
31 2-Methyl-2-propanol	59	2.686	2.680	0.006	79	301300	250.0	217.8	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	92	655483	25.0	25.3	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	79	187314	25.0	24.1	
33 Acrylonitrile	53	2.778	2.778	0.000	99	1191221	250.0	274.1	
35 Hexane	57	2.899	2.899	0.000	97	347067	25.0	25.8	
39 1,1-Dichloroethane	63	3.112	3.112	0.000	86	377956	25.0	27.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 Vinyl acetate	43	3.179	3.179	0.000	97	1138844	50.0	57.5	
44 2,2-Dichloropropane	77	3.605	3.605	0.000	90	202103	25.0	23.4	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	69	200173	25.0	24.3	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	96	795363	125.0	134.7	
48 Chlorobromomethane	128	3.873	3.873	0.000	92	106892	25.0	22.2	
49 Tetrahydrofuran	42	3.891	3.885	0.006	91	215311	50.0	54.3	
50 Chloroform	83	3.958	3.958	0.000	83	339847	25.0	25.1	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	76	294368	25.0	24.8	
52 Cyclohexane	56	4.049	4.049	0.000	97	422602	25.0	26.9	
55 Carbon tetrachloride	117	4.183	4.183	0.000	82	262264	25.0	24.7	
54 1,1-Dichloropropene	75	4.201	4.201	0.000	87	283481	25.0	28.2	
57 Benzene	78	4.396	4.396	0.000	96	761030	25.0	25.7	
53 Isobutyl alcohol	43	4.463	4.463	0.000	61	365835	625.0	647.3	
58 1,2-Dichloroethane	62	4.475	4.469	0.006	73	313591	25.0	26.9	
59 n-Heptane	43	4.590	4.590	0.000	97	388199	25.0	27.9	
62 Trichloroethene	95	4.998	5.004	-0.006	92	190590	25.0	23.7	
64 Methylcyclohexane	83	5.108	5.108	0.000	95	351907	25.0	24.7	
65 1,2-Dichloropropane	63	5.235	5.235	0.000	87	202025	25.0	25.7	
67 Dibromomethane	93	5.369	5.369	0.000	90	122088	25.0	24.2	
66 1,4-Dioxane	88	5.387	5.387	0.000	72	43649	500.0	606.7	
68 Dichlorobromomethane	83	5.533	5.533	0.000	91	222320	25.0	21.5	
69 2-Chloroethyl vinyl ether	63	5.825	5.825	0.000	90	136665	25.0	24.4	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	82	300160	25.0	23.3	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1571732	125.0	141.7	
74 Toluene	92	6.215	6.215	0.000	87	483251	25.0	25.7	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	93	269539	25.0	23.1	
75 Ethyl methacrylate	69	6.580	6.580	0.000	77	260973	25.0	23.3	
79 1,1,2-Trichloroethane	83	6.695	6.695	0.000	90	139109	25.0	24.0	
81 Tetrachloroethene	166	6.732	6.732	0.000	82	205218	25.0	24.4	
82 1,3-Dichloropropane	76	6.847	6.847	0.000	96	296002	25.0	25.3	
80 2-Hexanone	43	6.933	6.933	0.000	98	1055254	125.0	146.6	
83 Chlorodibromomethane	129	7.079	7.079	0.000	89	167123	25.0	20.1	
84 Ethylene Dibromide	107	7.164	7.164	0.000	97	169304	25.0	23.7	
87 Chlorobenzene	112	7.638	7.638	0.000	92	532444	25.0	24.4	
88 Ethylbenzene	91	7.742	7.742	0.000	99	900061	25.0	25.6	
89 1,1,1,2-Tetrachloroethane	131	7.748	7.748	0.000	40	180190	25.0	22.7	
90 m-Xylene & p-Xylene	106	7.863	7.863	0.000	98	347180	25.0	24.2	
91 o-Xylene	106	8.283	8.283	0.000	98	338211	25.0	24.3	
92 Styrene	104	8.314	8.314	0.000	95	558226	25.0	24.4	
95 Bromoform	173	8.551	8.551	0.000	95	105835	25.0	17.8	
94 Isopropylbenzene	105	8.666	8.666	0.000	96	828077	25.0	26.4	
101 Bromobenzene	156	9.007	9.001	0.006	93	232496	25.0	24.9	
97 1,1,2,2-Tetrachloroethane	83	9.098	9.098	0.000	60	242356	25.0	25.8	
99 N-Propylbenzene	91	9.111	9.111	0.000	97	1077001	25.0	27.8	
100 1,2,3-Trichloropropane	110	9.123	9.123	0.000	61	82368	25.0	23.8	
98 trans-1,4-Dichloro-2-butene	53	9.147	9.153	-0.006	1	85598	25.0	21.1	
103 2-Chlorotoluene	126	9.208	9.208	0.000	95	219777	25.0	25.1	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	93	748681	25.0	26.4	
105 4-Chlorotoluene	126	9.330	9.330	0.000	98	231464	25.0	24.7	
106 tert-Butylbenzene	134	9.640	9.640	0.000	92	179158	25.0	26.6	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	62	772095	25.0	26.0	
109 sec-Butylbenzene	105	9.865	9.865	0.000	95	973807	25.0	27.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	97	449572	25.0	26.0	
110 4-Isopropyltoluene	119	10.017	10.023	-0.006	96	859123	25.0	26.7	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	93	460070	25.0	25.4	
115 n-Butylbenzene	91	10.425	10.425	0.000	95	768013	25.0	27.9	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	96	426144	25.0	25.7	
117 1,2-Dibromo-3-Chloropropane	75	11.209	11.209	0.000	73	42478	25.0	21.1	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	90	281667	25.0	24.1	
120 Hexachlorobutadiene	225	12.012	12.012	0.000	95	134369	25.0	23.6	
121 Naphthalene	128	12.104	12.104	0.000	97	762297	25.0	23.5	
122 1,2,3-Trichlorobenzene	180	12.304	12.304	0.000	93	258103	25.0	24.0	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00268	Amount Added: 12.50	Units: uL	
GAS CORP mix_00683	Amount Added: 12.50	Units: uL	
S_8260_Surr_00508	Amount Added: 1.00	Units: uL	Run Reagent
S_8260_IS_00419	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9070.d

Injection Date: 24-Jun-2025 22:42:30

Instrument ID: HP5973S

Lims ID: LCS

Operator ID: AG/LH

Client ID:

Worklist Smp#: 6

Purge Vol: 5.000 mL

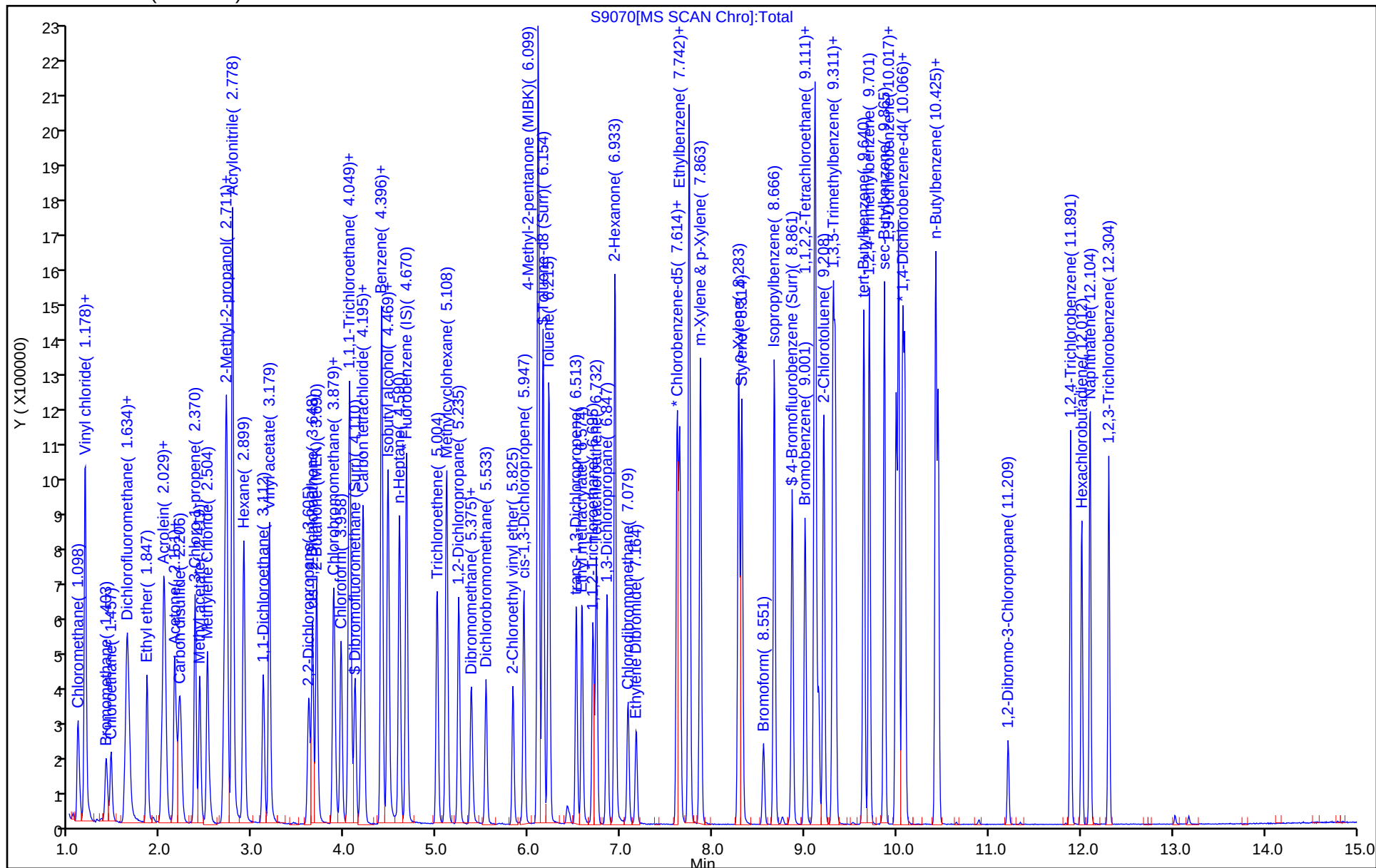
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9070.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Jun-2025 22:42:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 480-0124163-006
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 25-Jun-2025 12:10:45 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:11:06

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	24.1	96.49
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.5	106.19
\$ 5 Toluene-d8 (Surr)	25.0	25.5	101.92
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.0	88.03

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>IW-3 MS</u>	Lab Sample ID: <u>480-230498-2 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9082.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 13:58</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/25/2025 03:22</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>20</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749897</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	517		20	16
79-34-5	1,1,2,2-Tetrachloroethane	508		20	4.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	572		20	6.2
79-00-5	1,1,2-Trichloroethane	498		20	4.6
75-34-3	1,1-Dichloroethane	570		20	7.6
75-35-4	1,1-Dichloroethene	490		20	5.8
120-82-1	1,2,4-Trichlorobenzene	499		20	8.2
95-63-6	1,2,4-Trimethylbenzene	1770		20	15
96-12-8	1,2-Dibromo-3-Chloropropane	415		20	7.8
106-93-4	1,2-Dibromoethane	506		20	15
95-50-1	1,2-Dichlorobenzene	527		20	16
107-06-2	1,2-Dichloroethane	563		20	4.2
78-87-5	1,2-Dichloropropane	521		20	14
108-67-8	1,3,5-Trimethylbenzene	1170		20	15
541-73-1	1,3-Dichlorobenzene	531		20	16
106-46-7	1,4-Dichlorobenzene	509		20	17
78-93-3	2-Butanone (MEK)	2560		200	26
591-78-6	2-Hexanone	2810		100	25
108-10-1	4-Methyl-2-pentanone (MIBK)	2800		100	42
67-64-1	Acetone	2580		200	60
71-43-2	Benzene	541		20	8.2
75-27-4	Bromodichloromethane	439		20	7.8
75-25-2	Bromoform	368		20	5.2
74-83-9	Bromomethane	460		20	14
75-15-0	Carbon disulfide	482		20	3.8
56-23-5	Carbon tetrachloride	508		20	5.4
108-90-7	Chlorobenzene	522		20	15
75-00-3	Chloroethane	533		20	6.4
67-66-3	Chloroform	519		20	6.8
74-87-3	Chloromethane	543		20	7.0
156-59-2	cis-1,2-Dichloroethene	514		20	16
10061-01-5	cis-1,3-Dichloropropene	461		20	7.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>IW-3 MS</u>	Lab Sample ID: <u>480-230498-2 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9082.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 13:58</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/25/2025 03:22</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>20</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749897</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	548		20	3.6
124-48-1	Dibromochloromethane	423		20	6.4
75-71-8	Dichlorodifluoromethane	402		20	14
100-41-4	Ethylbenzene	577		20	15
98-82-8	Isopropylbenzene	612		20	16
79-20-9	Methyl acetate	986		50	26
1634-04-4	Methyl tert-butyl ether	504		20	3.2
108-87-2	Methylcyclohexane	485		20	3.2
75-09-2	Methylene Chloride	491		20	8.8
103-65-1	N-Propylbenzene	631		20	14
100-42-5	Styrene	519		20	15
127-18-4	Tetrachloroethene	510		20	7.2
108-88-3	Toluene	532		20	10
156-60-5	trans-1,2-Dichloroethene	501		20	18
10061-02-6	trans-1,3-Dichloropropene	459		20	7.4
79-01-6	Trichloroethene	482		20	9.2
75-69-4	Trichlorofluoromethane	569		20	18
75-01-4	Vinyl chloride	612		20	18
1330-20-7	Xylenes, Total	1440		40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	91		73-120
1868-53-7	Dibromofluoromethane (Surr)	94		75-123
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9082.d
 Lims ID: 480-230498-A-2 MS
 Client ID: IW-3
 Sample Type: MS
 Inject. Date: 25-Jun-2025 03:22:30 ALS Bottle#: 18 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 480-230498-A-2 MS
 Misc. Info.: 480-0124163-018
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jun-2025 12:20:31 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:21:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	98	156482	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.614	7.614	0.000	86	304280	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	72	321266	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	56	200944	25.0	23.5	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	58	138774	25.0	26.0	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	80	764729	25.0	25.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	87	240703	25.0	22.7	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	87	221114	25.0	20.1	
12 Chloromethane	50	1.099	1.098	0.001	89	324206	25.0	27.2	
13 Vinyl chloride	62	1.172	1.165	0.007	66	254530	25.0	30.6	
14 Bromomethane	94	1.409	1.403	0.006	90	132910	25.0	23.0	
15 Chloroethane	64	1.464	1.451	0.007	93	158859	25.0	26.7	
17 Trichlorofluoromethane	101	1.646	1.640	0.006	55	313244	25.0	28.4	
22 1,1-Dichloroethene	96	2.035	2.029	0.006	83	160990	25.0	24.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.042	2.035	0.007	65	174130	25.0	28.6	
23 Acetone	43	2.151	2.145	0.006	97	468887	125.0	129.0	
26 Carbon disulfide	76	2.218	2.200	0.018	99	495181	25.0	24.1	
27 Methyl acetate	43	2.425	2.419	0.006	99	469927	50.0	49.3	
30 Methylene Chloride	84	2.510	2.504	0.006	91	192680	25.0	24.5	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	92	635390	25.0	25.2	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	79	189425	25.0	25.0	
39 1,1-Dichloroethane	63	3.112	3.112	0.000	86	383491	25.0	28.5	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	70	206118	25.0	25.7	
43 2-Butanone (MEK)	43	3.696	3.690	0.006	96	736276	125.0	127.8	
50 Chloroform	83	3.958	3.958	0.000	83	343662	25.0	26.0	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	78	299415	25.0	25.9	
52 Cyclohexane	56	4.055	4.049	0.006	97	420905	25.0	27.4	
55 Carbon tetrachloride	117	4.183	4.183	0.000	82	262727	25.0	25.4	
57 Benzene	78	4.396	4.396	0.000	95	780548	25.0	27.0	
58 1,2-Dichloroethane	62	4.475	4.469	0.006	85	320548	25.0	28.1	
62 Trichloroethene	95	5.004	5.004	0.000	87	188912	25.0	24.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83	5.108	5.108	0.000	94	337455	25.0	24.3	
65 1,2-Dichloropropane	63	5.235	5.235	0.000	86	200186	25.0	26.1	
68 Dichlorobromomethane	83	5.534	5.533	0.001	91	221620	25.0	21.9	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	83	290362	25.0	23.1	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	99	1487705	125.0	140.2	
74 Toluene	92	6.215	6.215	0.000	86	478830	25.0	26.6	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	93	256832	25.0	23.0	
79 1,1,2-Trichloroethane	83	6.695	6.695	0.000	88	137947	25.0	24.9	
81 Tetrachloroethene	166	6.738	6.732	0.006	87	205237	25.0	25.5	
80 2-Hexanone	43	6.933	6.933	0.000	98	967632	125.0	140.6	
83 Chlorodibromomethane	129	7.079	7.079	0.000	90	167889	25.0	21.2	
84 Ethylene Dibromide	107	7.164	7.164	0.000	96	172737	25.0	25.3	
87 Chlorobenzene	112	7.638	7.638	0.000	92	543649	25.0	26.1	
88 Ethylbenzene	91	7.742	7.742	0.000	99	968468	25.0	28.8	
90 m-Xylene & p-Xylene	106	7.864	7.863	0.001	98	408462	25.0	29.7	
91 o-Xylene	106	8.283	8.283	0.000	98	559575	25.0	42.0	
92 Styrene	104	8.314	8.314	0.000	96	568642	25.0	25.9	
95 Bromoform	173	8.551	8.551	0.000	94	104525	25.0	18.4	
94 Isopropylbenzene	105	8.667	8.666	0.001	97	933888	25.0	30.6	
97 1,1,2,2-Tetrachloroethane	83	9.105	9.098	0.007	50	232493	25.0	25.4	
99 N-Propylbenzene	91	9.111	9.111	0.000	98	1191150	25.0	31.6	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	94	1615441	25.0	58.7	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	72	2559235	25.0	88.6	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	446646	25.0	26.6	
113 1,4-Dichlorobenzene	146	10.090	10.090	0.000	94	448253	25.0	25.5	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	95	424703	25.0	26.4	
117 1,2-Dibromo-3-Chloropropane	75	11.209	11.209	0.000	66	40724	25.0	20.8	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	93	283627	25.0	25.0	
S 124 Xylenes, Total	1				0			71.8	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00268

Amount Added: 12.50

Units: uL

GAS CORP mix_00683

Amount Added: 12.50

Units: uL

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9082.d

Injection Date: 25-Jun-2025 03:22:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: 480-230498-A-2 MS

Worklist Smp#: 18

Client ID: IW-3

Purge Vol: 5.000 mL

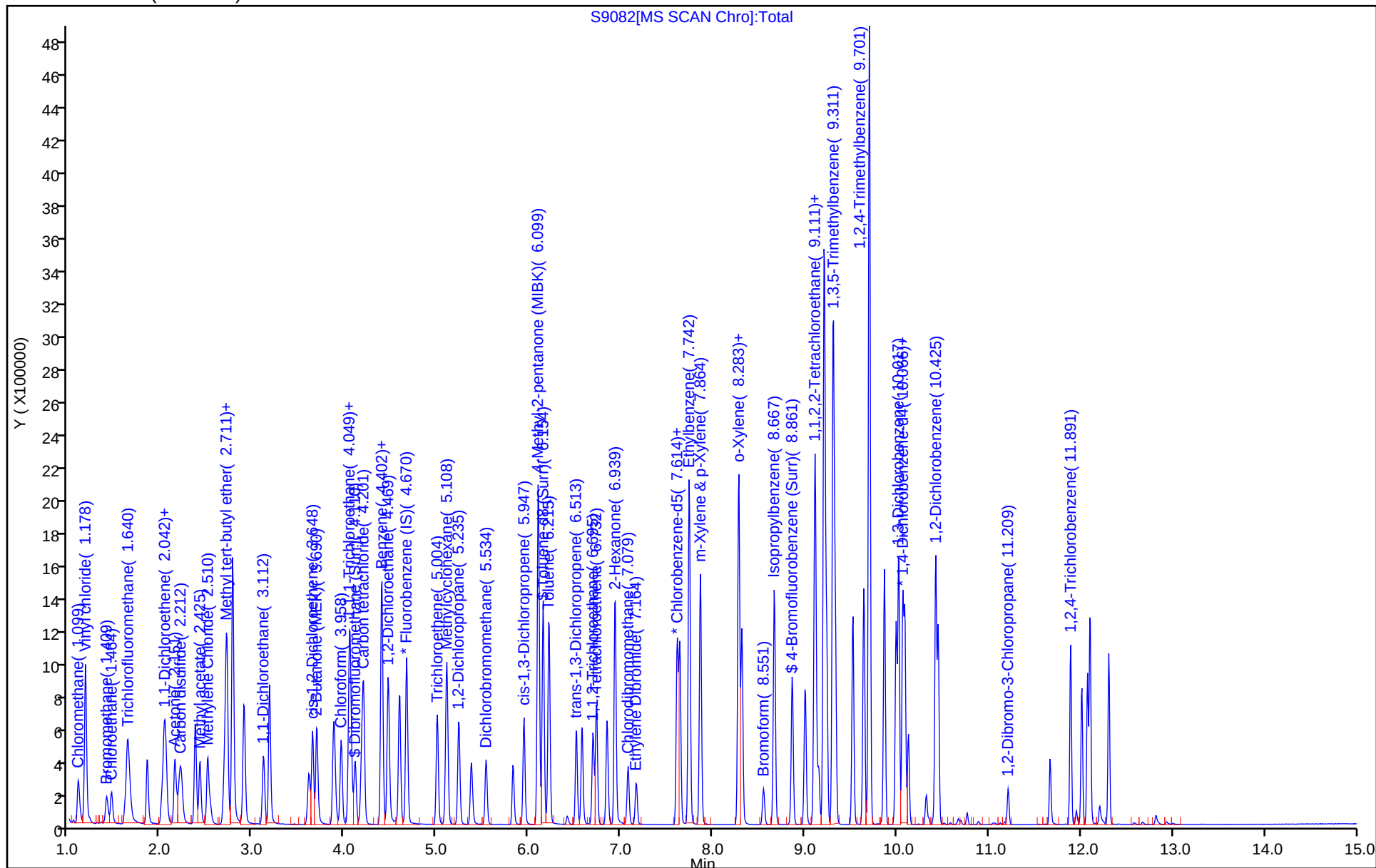
Dil. Factor: 20.0000

ALS Bottle#: 18

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9082.d
Lims ID: 480-230498-A-2 MS
Client ID: IW-3
Sample Type: MS
Inject. Date: 25-Jun-2025 03:22:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 20.0000
Sample Info: 480-230498-A-2 MS
Misc. Info.: 480-0124163-018
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 25-Jun-2025 12:20:31 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:21:07

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	23.5	93.87
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	26.0	103.95
\$ 5 Toluene-d8 (Surr)	25.0	25.2	100.98
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.7	90.97

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>IW-3 MSD</u>	Lab Sample ID: <u>480-230498-2 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9083.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 13:58</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/25/2025 03:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>20</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749897</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	479		20	16
79-34-5	1,1,2,2-Tetrachloroethane	510		20	4.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	531		20	6.2
79-00-5	1,1,2-Trichloroethane	501		20	4.6
75-34-3	1,1-Dichloroethane	525		20	7.6
75-35-4	1,1-Dichloroethene	454		20	5.8
120-82-1	1,2,4-Trichlorobenzene	487		20	8.2
95-63-6	1,2,4-Trimethylbenzene	1690		20	15
96-12-8	1,2-Dibromo-3-Chloropropane	434		20	7.8
106-93-4	1,2-Dibromoethane	507		20	15
95-50-1	1,2-Dichlorobenzene	513		20	16
107-06-2	1,2-Dichloroethane	524		20	4.2
78-87-5	1,2-Dichloropropane	505		20	14
108-67-8	1,3,5-Trimethylbenzene	1130		20	15
541-73-1	1,3-Dichlorobenzene	509		20	16
106-46-7	1,4-Dichlorobenzene	496		20	17
78-93-3	2-Butanone (MEK)	2510		200	26
591-78-6	2-Hexanone	2950		100	25
108-10-1	4-Methyl-2-pentanone (MIBK)	2880		100	42
67-64-1	Acetone	2630		200	60
71-43-2	Benzene	502		20	8.2
75-27-4	Bromodichloromethane	435		20	7.8
75-25-2	Bromoform	357		20	5.2
74-83-9	Bromomethane	441		20	14
75-15-0	Carbon disulfide	453		20	3.8
56-23-5	Carbon tetrachloride	478		20	5.4
108-90-7	Chlorobenzene	492		20	15
75-00-3	Chloroethane	490		20	6.4
67-66-3	Chloroform	475		20	6.8
74-87-3	Chloromethane	476		20	7.0
156-59-2	cis-1,2-Dichloroethene	464		20	16
10061-01-5	cis-1,3-Dichloropropene	449		20	7.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Buffalo</u>	Job No.: <u>480-230498-1</u>
SDG No.: _____	
Client Sample ID: <u>IW-3 MSD</u>	Lab Sample ID: <u>480-230498-2 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>S9083.d</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/18/2025 13:58</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/25/2025 03:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>20</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>749897</u>	Units: <u>ug/L</u>
Preparation Batch No.: _____	Instrument ID: <u>HP5973S</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-82-7	Cyclohexane	505		20	3.6
124-48-1	Dibromochloromethane	411		20	6.4
75-71-8	Dichlorodifluoromethane	375		20	14
100-41-4	Ethylbenzene	549		20	15
98-82-8	Isopropylbenzene	580		20	16
79-20-9	Methyl acetate	961		50	26
1634-04-4	Methyl tert-butyl ether	481		20	3.2
108-87-2	Methylcyclohexane	471		20	3.2
75-09-2	Methylene Chloride	449		20	8.8
103-65-1	N-Propylbenzene	593		20	14
100-42-5	Styrene	503		20	15
127-18-4	Tetrachloroethene	496		20	7.2
108-88-3	Toluene	523		20	10
156-60-5	trans-1,2-Dichloroethene	471		20	18
10061-02-6	trans-1,3-Dichloropropene	471		20	7.4
79-01-6	Trichloroethene	467		20	9.2
75-69-4	Trichlorofluoromethane	530		20	18
75-01-4	Vinyl chloride	572		20	18
1330-20-7	Xylenes, Total	1370		40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	90		73-120
1868-53-7	Dibromofluoromethane (Surr)	92		75-123
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9083.d
 Lims ID: 480-230498-A-2 MSD
 Client ID: IW-3
 Sample Type: MSD
 Inject. Date: 25-Jun-2025 03:45:30 ALS Bottle#: 19 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 20.0000
 Sample Info: 480-230498-A-2 MSD
 Misc. Info.: 480-0124163-019
 Operator ID: AG/LH Instrument ID: HP5973S
 Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 25-Jun-2025 12:20:31 Calib Date: 16-May-2025 23:24:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:21:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 153 Fluorobenzene (IS)	70	4.670	4.670	0.000	97	160445	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.608	7.614	-0.006	89	304304	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.066	10.066	0.000	71	322921	25.0	25.0	
\$ 154 Dibromofluoromethane (Surr)	113	4.110	4.110	0.000	54	202009	25.0	23.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	4.402	4.402	0.000	60	139266	25.0	25.4	
\$ 5 Toluene-d8 (Surr)	98	6.154	6.154	0.000	73	772677	25.0	25.5	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.861	8.861	0.000	87	238152	25.0	22.5	
10 Dichlorodifluoromethane	85	0.965	0.965	0.000	85	211696	25.0	18.8	
12 Chloromethane	50	1.099	1.098	0.001	82	291354	25.0	23.8	
13 Vinyl chloride	62	1.166	1.165	0.001	82	243973	25.0	28.6	
14 Bromomethane	94	1.403	1.403	0.000	92	130817	25.0	22.1	
15 Chloroethane	64	1.458	1.451	0.001	93	149760	25.0	24.5	
17 Trichlorofluoromethane	101	1.634	1.640	-0.006	45	299583	25.0	26.5	
22 1,1-Dichloroethene	96	2.036	2.029	0.007	84	152969	25.0	22.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.042	2.035	0.007	68	165636	25.0	26.5	
23 Acetone	43	2.151	2.145	0.006	97	489658	125.0	131.4	
26 Carbon disulfide	76	2.218	2.200	0.018	99	477754	25.0	22.7	
27 Methyl acetate	43	2.419	2.419	0.000	97	469581	50.0	48.1	
30 Methylene Chloride	84	2.504	2.504	0.000	87	181601	25.0	22.5	
32 Methyl tert-butyl ether	73	2.705	2.705	0.000	92	621847	25.0	24.0	
34 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	82	182635	25.0	23.5	
39 1,1-Dichloroethane	63	3.112	3.112	0.000	86	362146	25.0	26.2	
45 cis-1,2-Dichloroethene	96	3.648	3.648	0.000	69	190856	25.0	23.2	
43 2-Butanone (MEK)	43	3.690	3.690	0.000	96	742530	125.0	125.7	
50 Chloroform	83	3.958	3.958	0.000	82	322072	25.0	23.7	
51 1,1,1-Trichloroethane	97	4.049	4.049	0.000	79	284455	25.0	24.0	
52 Cyclohexane	56	4.049	4.049	0.000	97	397360	25.0	25.2	
55 Carbon tetrachloride	117	4.183	4.183	0.000	81	253447	25.0	23.9	
57 Benzene	78	4.396	4.396	0.000	95	742989	25.0	25.1	
58 1,2-Dichloroethane	62	4.475	4.469	0.006	72	305669	25.0	26.2	
62 Trichloroethene	95	5.004	5.004	0.000	88	187602	25.0	23.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83	5.108	5.108	0.000	95	335965	25.0	23.6	
65 1,2-Dichloropropane	63	5.236	5.235	0.001	88	198709	25.0	25.2	
68 Dichlorobromomethane	83	5.534	5.533	0.001	88	225131	25.0	21.7	
72 cis-1,3-Dichloropropene	75	5.947	5.947	0.000	84	290041	25.0	22.5	
73 4-Methyl-2-pentanone (MIBK)	43	6.099	6.099	0.000	98	1529143	125.0	144.1	
74 Toluene	92	6.221	6.215	0.006	86	471250	25.0	26.2	
77 trans-1,3-Dichloropropene	75	6.513	6.513	0.000	93	263310	25.0	23.5	
79 1,1,2-Trichloroethane	83	6.696	6.695	0.001	89	138947	25.0	25.1	
81 Tetrachloroethene	166	6.738	6.732	0.006	80	199801	25.0	24.8	
80 2-Hexanone	43	6.933	6.933	0.000	98	1015442	125.0	147.6	
83 Chlorodibromomethane	129	7.079	7.079	0.000	86	162870	25.0	20.5	
84 Ethylene Dibromide	107	7.164	7.164	0.000	96	173072	25.0	25.3	
87 Chlorobenzene	112	7.639	7.638	0.001	92	513033	25.0	24.6	
88 Ethylbenzene	91	7.742	7.742	0.000	99	922722	25.0	27.5	
90 m-Xylene & p-Xylene	106	7.864	7.863	0.001	98	391226	25.0	28.5	
91 o-Xylene	106	8.283	8.283	0.000	98	532195	25.0	40.0	
92 Styrene	104	8.314	8.314	0.000	96	551256	25.0	25.1	
95 Bromoform	173	8.551	8.551	0.000	94	101577	25.0	17.9	
94 Isopropylbenzene	105	8.667	8.666	0.001	97	889726	25.0	29.0	
97 1,1,2,2-Tetrachloroethane	83	9.099	9.098	0.001	58	234668	25.0	25.5	
99 N-Propylbenzene	91	9.111	9.111	0.000	98	1125439	25.0	29.7	
102 1,3,5-Trimethylbenzene	105	9.305	9.305	0.000	94	1562598	25.0	56.5	
107 1,2,4-Trimethylbenzene	105	9.701	9.701	0.000	73	2457103	25.0	84.7	
111 1,3-Dichlorobenzene	146	9.993	9.993	0.000	98	430259	25.0	25.5	
113 1,4-Dichlorobenzene	146	10.084	10.090	-0.006	92	438502	25.0	24.8	
116 1,2-Dichlorobenzene	146	10.449	10.449	0.000	95	415239	25.0	25.6	
117 1,2-Dibromo-3-Chloropropane	75	11.210	11.209	0.001	69	42832	25.0	21.7	
119 1,2,4-Trichlorobenzene	180	11.891	11.891	0.000	93	277960	25.0	24.3	
S 124 Xylenes, Total	1				0			68.4	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00268

Amount Added: 12.50

Units: uL

GAS CORP mix_00683

Amount Added: 12.50

Units: uL

S_8260_Surr_00508

Amount Added: 1.00

Units: uL

Run Reagent

S_8260_IS_00419

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9083.d

Injection Date: 25-Jun-2025 03:45:30

Instrument ID: HP5973S

Operator ID: AG/LH

Lims ID: 480-230498-A-2 MSD

Worklist Smp#: 19

Client ID: IW-3

Purge Vol: 5.000 mL

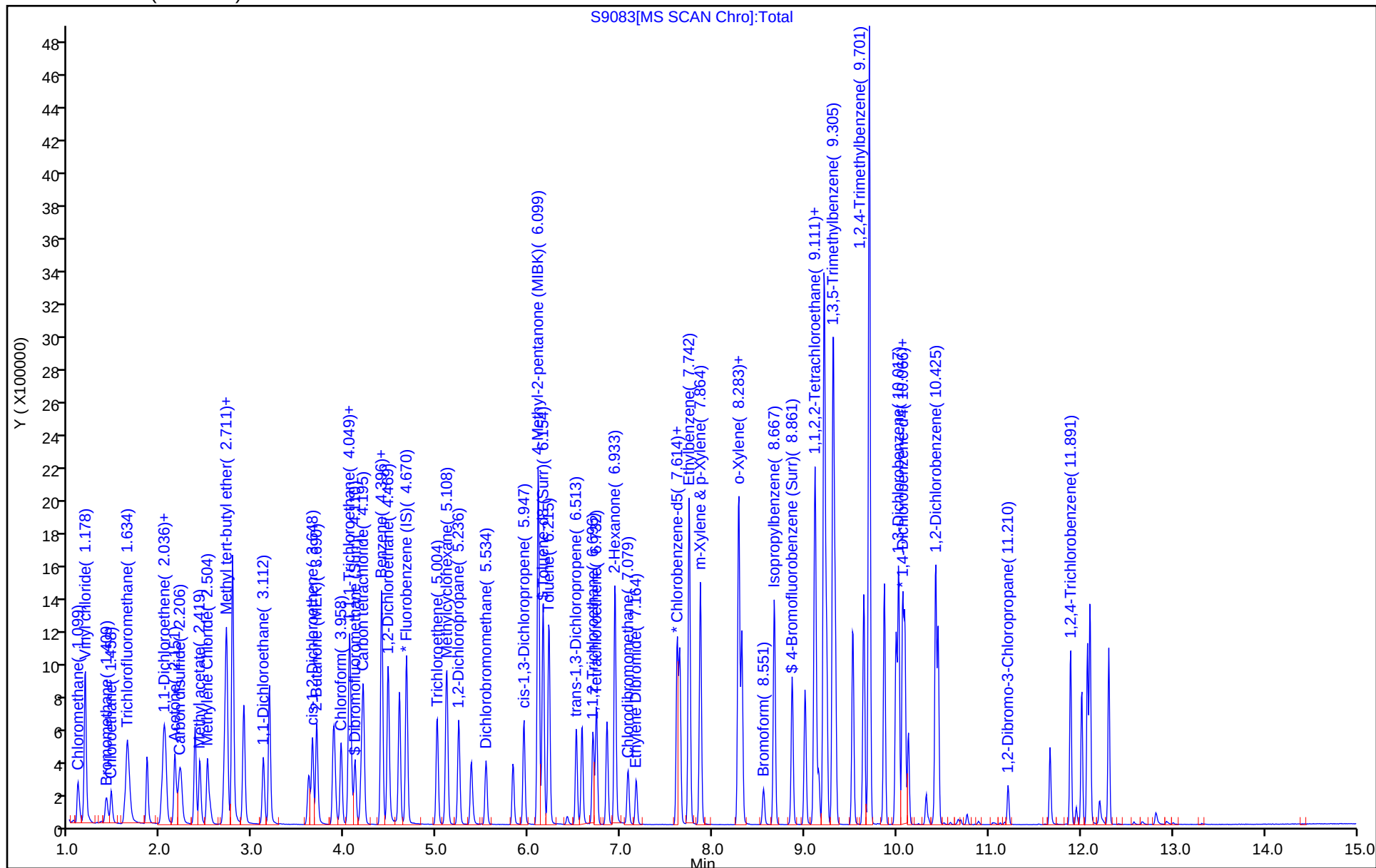
Dil. Factor: 20.0000

ALS Bottle#: 19

Method: S-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins Buffalo
Recovery Report

Data File: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S9083.d
Lims ID: 480-230498-A-2 MSD
Client ID: IW-3
Sample Type: MSD
Inject. Date: 25-Jun-2025 03:45:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 20.0000
Sample Info: 480-230498-A-2 MSD
Misc. Info.: 480-0124163-019
Operator ID: AG/LH Instrument ID: HP5973S
Method: \\chromfs\Buffalo\ChromData\HP5973S\20250624-124163.b\S-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 25-Jun-2025 12:20:31 Calib Date: 16-May-2025 23:24:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5973S\20250516-123611.b\S8296.d
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1669

First Level Reviewer: FGO5

Date: 25-Jun-2025 12:21:22

Compound	Amount Added	Amount Recovered	% Rec.
\$ 154 Dibromofluoromethane (Surr)	25.0	23.0	92.03
\$ 4 1,2-Dichloroethane-d4 (Surr)	25.0	25.4	101.74
\$ 5 Toluene-d8 (Surr)	25.0	25.5	102.02
\$ 6 4-Bromofluorobenzene (Surr)	25.0	22.5	90.00

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins BuffaloJob No.: 480-230498-1

SDG No.: _____

Instrument ID: HP5973SStart Date: 05/16/2025 15:37Analysis Batch Number: 746322End Date: 05/17/2025 00:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-746322/11		05/16/2025 15:37	1	S8276.d	ZB-624 (20) 0.18 (mm)
IC 480-746322/13		05/16/2025 16:27	1	S8278.d	ZB-624 (20) 0.18 (mm)
IC 480-746322/14		05/16/2025 16:50	1	S8279.d	ZB-624 (20) 0.18 (mm)
IC 480-746322/15		05/16/2025 17:14	1	S8280.d	ZB-624 (20) 0.18 (mm)
IC 480-746322/16		05/16/2025 17:37	1	S8281.d	ZB-624 (20) 0.18 (mm)
IC 480-746322/17		05/16/2025 18:01	1	S8282.d	ZB-624 (20) 0.18 (mm)
ICIS 480-746322/18		05/16/2025 18:24	1	S8283.d	ZB-624 (20) 0.18 (mm)
IC 480-746322/19		05/16/2025 18:47	1	S8284.d	ZB-624 (20) 0.18 (mm)
IC 480-746322/20		05/16/2025 19:10	1	S8285.d	ZB-624 (20) 0.18 (mm)
ZZZZZ (QC)		05/16/2025 19:56	1		ZB-624 (20) 0.18 (mm)
IC 480-746322/25		05/16/2025 21:05	1		ZB-624 (20) 0.18 (mm)
IC 480-746322/26		05/16/2025 21:28	1		ZB-624 (20) 0.18 (mm)
IC 480-746322/27		05/16/2025 21:52	1		ZB-624 (20) 0.18 (mm)
IC 480-746322/28		05/16/2025 22:15	1		ZB-624 (20) 0.18 (mm)
IC 480-746322/29		05/16/2025 22:38	1		ZB-624 (20) 0.18 (mm)
IC 480-746322/30		05/16/2025 23:01	1		ZB-624 (20) 0.18 (mm)
IC 480-746322/31		05/16/2025 23:24	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (QC)		05/17/2025 00:10	1		ZB-624 (20) 0.18 (mm)
ICV 480-746322/34		05/17/2025 00:33	1	S8299.d	ZB-624 (20) 0.18 (mm)
ICV 480-746322/35		05/17/2025 00:57	1	S8300.d	ZB-624 (20) 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Instrument ID: HP5973S

Start Date: 06/20/2025 10:59

Analysis Batch Number: 749486

End Date: 06/20/2025 20:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-749486/3		06/20/2025 10:59	1	S8927.d	ZB-624 (20) 0.18 (mm)
CCVIS 480-749486/4		06/20/2025 11:23	1	S8928.d	ZB-624 (20) 0.18 (mm)
CCV 480-749486/5		06/20/2025 11:47	1		ZB-624 (20) 0.18 (mm)
LCS 480-749486/6		06/20/2025 12:10	1	S8930.d	ZB-624 (20) 0.18 (mm)
RL 480-749486/7		06/20/2025 12:34	1		ZB-624 (20) 0.18 (mm)
MB 480-749486/8		06/20/2025 12:57	1	S8932.d	ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 13:32	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 13:56	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 14:19	4		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 14:42	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 15:06	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 15:29	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 15:52	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 16:16	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 16:39	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 17:02	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 17:25	25		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 17:48	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/20/2025 18:12	1		ZB-624 (20) 0.18 (mm)
480-230498-1	GT-14	06/20/2025 18:35	1	S8946.d	ZB-624 (20) 0.18 (mm)
480-230498-8	GT-16	06/20/2025 18:59	1	S8947.d	ZB-624 (20) 0.18 (mm)
480-230498-9	GT-9R	06/20/2025 19:22	1	S8948.d	ZB-624 (20) 0.18 (mm)
480-230498-10	VRI-3	06/20/2025 19:45	1	S8949.d	ZB-624 (20) 0.18 (mm)
480-230498-11	VRI-4	06/20/2025 20:08	1	S8950.d	ZB-624 (20) 0.18 (mm)
ZZZZZ (QC)		06/20/2025 20:32	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (QC)		06/20/2025 20:55	1		ZB-624 (20) 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Instrument ID: HP5973S

Start Date: 06/20/2025 22:04

Analysis Batch Number: 749533

End Date: 06/21/2025 08:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-749533/3		06/20/2025 22:04	1	S8955.d	ZB-624 (20) 0.18 (mm)
CCVIS 480-749533/4		06/20/2025 22:27	1	S8956.d	ZB-624 (20) 0.18 (mm)
CCV 480-749533/5		06/20/2025 22:51	1		ZB-624 (20) 0.18 (mm)
LCS 480-749533/6		06/20/2025 23:14	1	S8958.d	ZB-624 (20) 0.18 (mm)
RL 480-749533/7		06/20/2025 23:37	1		ZB-624 (20) 0.18 (mm)
MB 480-749533/8		06/21/2025 00:01	1	S8960.d	ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 00:24	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 00:48	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 01:11	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 01:34	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 01:57	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 02:20	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 02:43	5		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 03:06	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 03:29	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 03:53	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 04:16	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 04:39	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 05:03	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 05:26	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/21/2025 05:49	1		ZB-624 (20) 0.18 (mm)
480-230498-4	EB-20250616	06/21/2025 06:12	1	S8976.d	ZB-624 (20) 0.18 (mm)
480-230498-12	TRIP BLANK-20250616	06/21/2025 06:35	1	S8977.d	ZB-624 (20) 0.18 (mm)
ZZZZZ (QC)		06/21/2025 06:58	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (QC)		06/21/2025 07:22	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (QC)		06/21/2025 07:45	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (QC)		06/21/2025 08:09	1		ZB-624 (20) 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Instrument ID: HP5973S

Start Date: 06/23/2025 23:11

Analysis Batch Number: 749755

End Date: 06/24/2025 07:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-749755/3		06/23/2025 23:11	1	S9014.d	ZB-624 (20) 0.18 (mm)
CCVIS 480-749755/4		06/23/2025 23:35	1	S9015.d	ZB-624 (20) 0.18 (mm)
CCV 480-749755/5		06/23/2025 23:58	1		ZB-624 (20) 0.18 (mm)
LCS 480-749755/6		06/24/2025 00:21	1	S9017.d	ZB-624 (20) 0.18 (mm)
RL 480-749755/7		06/24/2025 00:45	1		ZB-624 (20) 0.18 (mm)
MB 480-749755/8		06/24/2025 01:08	1	S9019.d	ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 01:31	20		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 01:55	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 02:18	4		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 02:41	2		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 03:04	20		ZB-624 (20) 0.18 (mm)
480-230498-3	VRI-1	06/24/2025 03:50	100	S9026.d	ZB-624 (20) 0.18 (mm)
480-230498-5	DUP-20250618	06/24/2025 04:13	100	S9027.d	ZB-624 (20) 0.18 (mm)
480-230498-6	IW-6	06/24/2025 04:37	200	S9028.d	ZB-624 (20) 0.18 (mm)
480-230498-7	VRI-10	06/24/2025 05:00	1	S9029.d	ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 05:23	100		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 05:46	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 06:09	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 06:33	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 06:56	20		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 07:20	1		ZB-624 (20) 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Buffalo

Job No.: 480-230498-1

SDG No.:

Instrument ID: HP5973S

Start Date: 06/24/2025 21:33

Analysis Batch Number: 749897

End Date: 06/25/2025 03:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-749897/3		06/24/2025 21:33	1	S9067.d	ZB-624 (20) 0.18 (mm)
CCVIS 480-749897/4		06/24/2025 21:56	1	S9068.d	ZB-624 (20) 0.18 (mm)
CCV 480-749897/5		06/24/2025 22:19	1		ZB-624 (20) 0.18 (mm)
LCS 480-749897/6		06/24/2025 22:42	1	S9070.d	ZB-624 (20) 0.18 (mm)
RL 480-749897/7		06/24/2025 23:06	1		ZB-624 (20) 0.18 (mm)
MB 480-749897/8		06/24/2025 23:29	1	S9072.d	ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/24/2025 23:52	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/25/2025 00:15	4		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/25/2025 00:39	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/25/2025 01:02	1		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/25/2025 01:25	10		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/25/2025 01:48	200		ZB-624 (20) 0.18 (mm)
480-230498-2	IW-3	06/25/2025 02:12	20	S9079.d	ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/25/2025 02:35	80		ZB-624 (20) 0.18 (mm)
ZZZZZ (Client)		06/25/2025 02:58	20		ZB-624 (20) 0.18 (mm)
480-230498-2 MS	IW-3 MS	06/25/2025 03:22	20	S9082.d	ZB-624 (20) 0.18 (mm)
480-230498-2 MSD	IW-3 MSD	06/25/2025 03:45	20	S9083.d	ZB-624 (20) 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Batch Number: 746322 Batch Start Date: 05/16/25 15:37 Batch Analyst: Hill, Leah CBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	8260 CORP mix 00267	BFB_WRK 00173	GAS CORP mix 00677	S_8260_IS 00418
BFB 480-746322/11		8260C			1 uL	1 uL		1 uL		
IC 480-746322/13		8260C			5 mL	5 mL	0.5 uL		0.5 uL	1 uL
IC 480-746322/14		8260C			5 mL	5 mL	1 uL		1 uL	1 uL
IC 480-746322/15		8260C			5 mL	5 mL	2 uL		2 uL	1 uL
IC 480-746322/16		8260C			5 mL	5 mL	5 uL		5 uL	1 uL
IC 480-746322/17		8260C			5 mL	5 mL	5 uL		5 uL	1 uL
ICIS 480-746322/18		8260C			5 mL	5 mL	12.5 uL		12.5 uL	1 uL
IC 480-746322/19		8260C			5 mL	5 mL	25 uL		25 uL	1 uL
IC 480-746322/20		8260C			5 mL	5 mL	50 uL		50 uL	1 uL
ICV 480-746322/34		8260C			5 mL	5 mL				1 uL
ICV 480-746322/35		8260C			5 mL	5 mL				1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	S_8260_Surr 00507	SS 8260 CORP 00120	SS ADD CORP 00099	SS GAS CORP 00630		
BFB 480-746322/11		8260C								
IC 480-746322/13		8260C			1 uL					
IC 480-746322/14		8260C			1 uL					
IC 480-746322/15		8260C			1 uL					
IC 480-746322/16		8260C			1 uL					
IC 480-746322/17		8260C			1 uL					
ICIS 480-746322/18		8260C			1 uL					
IC 480-746322/19		8260C			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.

8260C

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Batch Number: 746322 Batch Start Date: 05/16/25 15:37 Batch Analyst: Hill, Leah CBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	S_8260_Surr 00507	SS 8260 CORP 00120	SS ADD CORP 00099	SS GAS CORP 00630		
IC 480-746322/20		8260C			1 uL					
ICV 480-746322/34		8260C			1 uL	12.5 uL		12.5 uL		
ICV 480-746322/35		8260C			1 uL		12.5 uL			

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Batch Number: 749486 Batch Start Date: 06/20/25 10:59 Batch Analyst: Gruning, Anton TBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00268	BFB_WRK 00174	GAS CORP mix 00682
BFB 480-749486/3		8260C			1 uL	1 uL			1 uL	
CCVIS 480-749486/4		8260C			5 mL	5 mL		12.5 uL		12.5 uL
LCS 480-749486/6		8260C			5 mL	5 mL		12.5 uL		12.5 uL
MB 480-749486/8		8260C			5 mL	5 mL				
480-230498-A-1	GT-14	8260C	Water	T	5 mL	5 mL	<2 SU			
480-230498-A-8	GT-16	8260C	Water	T	5 mL	5 mL	<2 SU			
480-230498-A-9	GT-9R	8260C	Water	T	5 mL	5 mL	<2 SU			
480-230498-A-10	VRI-3	8260C	Water	T	5 mL	5 mL	<2 SU			
480-230498-A-11	VRI-4	8260C	Water	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	S_8260_IS 00419	S_8260_Surr 00508				
BFB 480-749486/3		8260C								
CCVIS 480-749486/4		8260C			1 uL	1 uL				
LCS 480-749486/6		8260C			1 uL	1 uL				
MB 480-749486/8		8260C			1 uL	1 uL				
480-230498-A-1	GT-14	8260C	Water	T	1 uL	1 uL				
480-230498-A-8	GT-16	8260C	Water	T	1 uL	1 uL				
480-230498-A-9	GT-9R	8260C	Water	T	1 uL	1 uL				
480-230498-A-10	VRI-3	8260C	Water	T	1 uL	1 uL				
480-230498-A-11	VRI-4	8260C	Water	T	1 uL	1 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Batch Number: 749533 Batch Start Date: 06/20/25 22:04 Batch Analyst: Gruning, Anton TBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00268	ADD CORP mix 00156	BFB_WRK 00174
BFB 480-749533/3		8260C			1 uL	1 uL				1 uL
CCVIS 480-749533/4		8260C			5 mL	5 mL		12.5 uL		
LCS 480-749533/6		8260C			5 mL	5 mL		12.5 uL	12.5 uL	
MB 480-749533/8		8260C			5 mL	5 mL				
480-230498-A-4	EB-20250616	8260C	Water	T	5 mL	5 mL	<2 SU			
480-230498-A-12	TRIP BLANK-20250616	8260C	Water	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GAS CORP mix 00682	S_8260_IS 00419	S_8260_Surr 00508			
BFB 480-749533/3		8260C								
CCVIS 480-749533/4		8260C			12.5 uL	1 uL	1 uL			
LCS 480-749533/6		8260C			12.5 uL	1 uL	1 uL			
MB 480-749533/8		8260C				1 uL	1 uL			
480-230498-A-4	EB-20250616	8260C	Water	T		1 uL	1 uL			
480-230498-A-12	TRIP BLANK-20250616	8260C	Water	T		1 uL	1 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Batch Number: 749755 Batch Start Date: 06/23/25 23:11 Batch Analyst: Gruning, Anton TBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00268	ADD CORP mix 00156	BFB_WRK 00174
BFB 480-749755/3		8260C			1 uL	1 uL				1 uL
CCVIS 480-749755/4		8260C			5 mL	5 mL		12.5 uL		
LCS 480-749755/6		8260C			5 mL	5 mL		12.5 uL	12.5 uL	
MB 480-749755/8		8260C			5 mL	5 mL				
480-230498-A-3	VRI-1	8260C	Water	T	5 mL	5 mL	<2 SU			
480-230498-A-5	DUP-20250618	8260C	Water	T	5 mL	5 mL	<2 SU			
480-230498-A-6	IW-6	8260C	Water	T	5 mL	5 mL	<2 SU			
480-230498-A-7	VRI-10	8260C	Water	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GAS CORP mix 00683	S_8260_IS 00419	S_8260_Surr 00508	AnalysisComment		
BFB 480-749755/3		8260C								
CCVIS 480-749755/4		8260C			12.5 uL	1 uL	1 uL			
LCS 480-749755/6		8260C			12.5 uL	1 uL	1 uL			
MB 480-749755/8		8260C				1 uL	1 uL			
480-230498-A-3	VRI-1	8260C	Water	T		1 uL	1 uL	target		
480-230498-A-5	DUP-20250618	8260C	Water	T		1 uL	1 uL	target		
480-230498-A-6	IW-6	8260C	Water	T		1 uL	1 uL	TICs		
480-230498-A-7	VRI-10	8260C	Water	T		1 uL	1 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Buffalo Job No.: 480-230498-1

SDG No.: _____

Batch Number: 749897 Batch Start Date: 06/24/25 21:33 Batch Analyst: Gruning, Anton TBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00268	BFB_WRK 00174	GAS CORP mix 00683
BFB 480-749897/3		8260C			1 uL	1 uL			1 uL	
CCVIS 480-749897/4		8260C			5 mL	5 mL		12.5 uL		12.5 uL
LCS 480-749897/6		8260C			5 mL	5 mL		12.5 uL		12.5 uL
MB 480-749897/8		8260C			5 mL	5 mL				
480-230498-A-2	IW-3	8260C	Water	T	5 mL	5 mL	<2 SU			
480-230498-A-2 MS	IW-3	8260C	Water	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL
480-230498-A-2 MSD	IW-3	8260C	Water	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	S_8260_IS 00419	S_8260_Surr 00508	AnalysisComment			
BFB 480-749897/3		8260C								
CCVIS 480-749897/4		8260C			1 uL	1 uL				
LCS 480-749897/6		8260C			1 uL	1 uL				
MB 480-749897/8		8260C			1 uL	1 uL				
480-230498-A-2	IW-3	8260C	Water	T	1 uL	1 uL	target			
480-230498-A-2 MS	IW-3	8260C	Water	T	1 uL	1 uL	client qc, target			
480-230498-A-2 MSD	IW-3	8260C	Water	T	1 uL	1 uL	client qc, target			

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

Client Information		Lab PM Schove, John R		Carrier Tracking No(s):		COC No: 480-205820-33783.1	
Client Contact Ms. Suzy Walls		E-Mail: John.Schove@eurolins.com		State of Origin NY		Page: Page 1 of 2	
Company: Arcadis US Inc.		PWSID:		Job #:		Preservation Codes: A - HCL	
Address: 11400 Parkside Drive Suite 410		Due Date Requested: Standard		Analysis Requested		Barcode: 480-230498 Chain of Custody	
City: Knoxville		TAT Requested (days): Standard					
State, Zip: TN, 37934		Compliance Project: ☐ Yes ☐ No					
Phone:		PO #: 30006483.30005					
Email: suzy.walls@arcadis.com		WO #:					
Project Name: GE Riverview		Project #: 48017317					
Site:		SSOW#:					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=other, B=BT=Trace, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - Site Specific VOCs	Special Instructions/Note:
GT-14	6/17/25	1514	G	Water	N	N	3	
IW-3	6/18/25	1358	G	Water	N	N	3	MS/MSD here
VR1-1	6/18/25	1246	G	Water	N	N	3	
EB-20250616	6/16/25	1250	G	Water	N	N	3	
Dup-20250618	6/18/25	-	G	Water	N	N	3	
IW-6	6/18/25	1117	G	Water	N	N	3	
VR1-10	6/18/25	0952	G	Water	N	N	3	
GT-16	6/17/25	1705	G	Water	N	N	3	
GT-9R	6/17/25	1101	G	Water	N	N	3	
VR1-3	6/17/25	1341	G	Water	N	N	3	
VR1-4	6/17/25	1231	G	Water	N	N	3	

Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested: I, II, III, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: Andrew Gieson/Arcadis	Date: 6/18/25/1605	Received by: [Signature]	Date/Time: 6-18-25 1605
Relinquished by: Tim Krollinger	Date: 6-18-25 1700	Received by: [Signature]	Date/Time: 6/18/25 0930
Relinquished by:	Date:	Received by:	Date/Time:
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	21.5F/50

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 480-230498-1

Login Number: 230498

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	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	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ARCADIS
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Appendix C

Data Usability Summary Report

GE Riverview

Data Usability Summary Report

Rotterdam, New York

Volatile Organic Compound (VOC) Analysis

SDG # 480-230498-1

Analyses Performed By:
Eurofins TestAmerica
Buffalo, New York, USA

Report #60912R
Review Level: Tier III
Project: 30006483

Summary

This Data Usability Summary Report (DUSR) summarizes the review of Sample Delivery Group (SDG) #480-230498-1 for samples collected in association with the GE Riverview Site in Rotterdam, NY. The review was conducted as a Tier III evaluation and included review of data package completeness. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis
					VOC
GT-14	480-230498-1	Water	6/17/2025		X
IW-3	480-230498-2	Water	6/18/2025		X
VRI-1	480-230498-3	Water	6/18/2025		X
EB-20250616	480-230498-4	Water	6/16/2025		X
DUP-20250618	480-230498-5	Water	6/18/2025	VRI-1	X
IW-6	480-230498-6	Water	6/18/2025		X
VRI-10	480-230498-7	Water	6/18/2025		X
GT-16	480-230498-8	Water	6/17/2025		X
GT-9R	480-230498-9	Water	6/17/2025		X
VRI-3	480-230498-10	Water	6/17/2025		X
VRI-4	480-230498-11	Water	6/17/2025		X
TRIP BLANK-20250616	480-230498-12	Water	6/16/2025		X

Note:

VOC = Volatile Organic Compounds

Analytical Data Package Documentation

The table below evaluates the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed chain-of-custody form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data package completeness and compliance		X		X	

Note:

QA = quality assurance

Organic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260C. Data were reviewed in accordance with the USEPA Region II validation guidelines *Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260C* (SOP #HW-24, October 2006); the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review* (November 2020); and the USEPA *Contract Laboratory Program National Functional Guidelines for Organic Data Review* (October 1999).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration Qualifiers
 - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
 - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation Qualifiers
 - E The compound was quantitated above the calibration range.
 - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
 - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
 - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
 - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
 - UB Compound is considered non-detect at the listed value due to associated blank contamination.
 - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
 - R The sample results are rejected.

The "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second

Data Review Report

fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Volatile Organic Compound (VOC) Analyses

1. Holding Times

The specified holding times for the following methods are presented in the table below.

Method	Matrix	Holding Time	Preservation
SW-846 8260C	Water	14 days from collection to analysis (preserved) 7 days from collection to analysis (non-preserved)	Cool to <6°C; preserved to a pH of less than 2 s.u.

Note:

s.u. = standard units

All samples were analyzed within the specified holding time criterion.

2. Blank Contamination

QA blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B). Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
VRI-1 DUP-20250618 IW-6	Methylene Chloride (MB)	Detected sample results <RL and <BAL	"UB" at the RL
IW-3	Acetone (EB)		

Note:

RL Reporting limit

MB Method blank

EB Equipment blank

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample ID	Initial/Continuing	Compounds	Criteria
GT-14 GT-16 GT-9R VRI-3 VRI-4	CCV %D	Bromoform	-21.1 %
EB-20250616 TRIP BLANK-20250616	CCV %D	Dichlorodifluoromethane	-28.1 %
		Bromoform	-32.0 %
VRI-1 DUP-20250618 IW-6 VRI-10	CCV %D	Vinyl chloride	+34.2 %
		Trichlorofluoromethane	+22.4 %
		2-Hexanone	+21.6 %
		Bromoform	-23.7 %

Sample ID	Initial/Continuing	Compounds	Criteria
IW-3	CCV %D	Vinyl chloride	+21.1 %
		Bromoform	-21.3 %

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01 ¹	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01 ¹	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 20% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
	%RSD >90%	Non-detect	R
		Detect	J
Initial Calibration Verification (ICV) / Continuing Calibration Verification (CCV)	%D >20% (increase/increase in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90% (increase/decrease in sensitivity)	Non-detect	R
		Detect	J

Note:

¹ RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria ensure that the gas chromatography/mass spectrometry (GC/MS) sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis performed on sample IW-3 exhibiting recoveries outside of the control limits presented in the following table.

Sample ID	Compounds	MS Recovery	MSD Recovery
IW-3	1,2,4-Trimethylbenzene	<LL but >10%	<LL but >10%
	1,3,5-Trimethylbenzene	<LL but >10%	<LL but >10%

Notes:

LL = Lower control limit

AC = Acceptable

The criteria used to evaluate the MS/MSD recoveries are presented in the following table. In the case of an MS/MSD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J
SR>4X: Parent sample concentration > four times the MS/MSD spiking solution concentration.	Detect	No Action
	Non-detect	

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

Samples associated with LCS analysis exhibiting recoveries outside of the control limits presented in the following table.

Sample ID	Batch	Compound	LCS Recovery
EB-20250616 TRIP BLANK-20250616	749533	Tetrachloroethene	> UL

Note:

UL = Upper control limit

The criteria used to evaluate the LCS recoveries are presented in the following table. In the case of an LCS deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water.

Results for duplicate samples are summarized in the following table.

Sample ID / Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
VRI-1 / DUP-20250618	1,2,4-Trimethylbenzene	2800	2700	3.6%
	1,3,5-Trimethylbenzene	1700	1700	0.0%
	Isopropylbenzene	130	130	0.0%

Sample ID / Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	N-Propylbenzene	99 J	94 J	AC
	Xylenes, Total	1000	960	4.1%

Note:

AC = Acceptable

The results and calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for VOCs

VOCs: SW-846 8260C	Reported		Performance Acceptable		Not Required	
	No	Yes	No	Yes		
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)						
Tier II Validation						
Holding times		X		X		
Reporting limits (units)		X		X		
Blanks						
A. Method blanks		X	X			
B. Equipment/Field blanks		X	X			
C. Trip blanks		X		X		
Laboratory Control Sample (LCS) %R		X	X			
Laboratory Control Sample Duplicate (LCSD) %R	X				X	
LCS/LCSD Precision (RPD)	X				X	
Matrix Spike (MS) %R		X	X			
Matrix Spike Duplicate(MSD) %R		X	X			
MS/MSD Precision (RPD)		X		X		
Field/Lab Duplicate (RPD)		X		X		
Surrogate Spike Recoveries		X		X		
Dilution Factor		X		X		
Moisture Content	X				X	
Tier III Validation						
System performance and column resolution		X		X		
Initial calibration %RSDs		X		X		
Initial calibration %Ds		X		X		
Continuing calibration RRFs		X		X		
Continuing calibration %Ds		X	X			

VOCs: SW-846 8260C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

DATA USABILITY SUMMARY REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliance ¹				Non-compliance
					VOC	SVOC	PFAS	MISC	
480-230498-1	6/17/2025	SW846/SM	GT-14	Water	no	--	--	--	VOC – CCV %D
	6/18/2025	SW846/SM	IW-3	Water	no	--	--	--	VOC – CCV %D, MS/MSD %, blank contamination
	6/18/2025	SW846/SM	VRI-1	Water	no	--	--	--	VOC – CCV %D, blank contamination
	6/16/2025	SW846/SM	EB-20250616	Water	no	--	--	--	VOC – CCV %D
	6/18/2025	SW846/SM	DUP-20250618	Water	no	--	--	--	VOC – CCV %D, blank contamination
	6/18/2025	SW846/SM	IW-6	Water	no	--	--	--	VOC – CCV %D, blank contamination
	6/18/2025	SW846/SM	VRI-10	Water	no	--	--	--	VOC – CCV %D
	6/17/2025	SW846/SM	GT-16	Water	no	--	--	--	VOC – CCV %D
	6/17/2025	SW846/SM	GT-9R	Water	no	--	--	--	VOC – CCV %D
	6/17/2025	SW846/SM	VRI-3	Water	no	--	--	--	VOC – CCV %D
	6/17/2025	SW846/SM	VRI-4	Water	no	--	--	--	VOC – CCV %D
	6/16/2025	SW846/SM	TRIP BLANK-20250616	Water	no	--	--	--	VOC – CCV %D

Note:

- 1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

DATA USABILITY SUMMARY REPORT

VALIDATION PERFORMED BY: Andrew Korycinski

SIGNATURE: 

DATE: September 10, 2025

PEER REVIEW: Joseph C. Houser

DATE: September 11, 2025

Chain of Custody Corrected Sample Analysis Data Sheets

#224

Ver: 10/10/2024

Chain of Custody Record

[illegible]

Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-14

Lab Sample ID: 480-230498-1

Date Collected: 06/17/25 15:14

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 18:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 18:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 18:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 18:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 18:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 18:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 18:35	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 18:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 18:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 18:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 18:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 18:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 18:35	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 18:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 18:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 18:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 18:35	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 18:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 18:35	1
Acetone	ND		10	3.0	ug/L			06/20/25 18:35	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 18:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 18:35	1
Bromoform	ND	UJ	1.0	0.26	ug/L			06/20/25 18:35	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 18:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 18:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 18:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 18:35	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 18:35	1
Chloroform	ND		1.0	0.34	ug/L			06/20/25 18:35	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 18:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 18:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 18:35	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 18:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 18:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 18:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 18:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 18:35	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 18:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 18:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 18:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 18:35	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 18:35	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 18:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 18:35	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 18:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 18:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 18:35	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/25 18:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 18:35	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-14

Lab Sample ID: 480-230498-1

Date Collected: 06/17/25 15:14

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 18:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					06/20/25 18:35	1
4-Bromofluorobenzene (Surr)	92		73 - 120					06/20/25 18:35	1
Dibromofluoromethane (Surr)	89		75 - 123					06/20/25 18:35	1
Toluene-d8 (Surr)	102		80 - 120					06/20/25 18:35	1

Client Sample ID: IW-3

Lab Sample ID: 480-230498-2

Date Collected: 06/18/25 13:58

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			06/25/25 02:12	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			06/25/25 02:12	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			06/25/25 02:12	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			06/25/25 02:12	20
1,1-Dichloroethane	ND		20	7.6	ug/L			06/25/25 02:12	20
1,1-Dichloroethene	ND		20	5.8	ug/L			06/25/25 02:12	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			06/25/25 02:12	20
1,2,4-Trimethylbenzene	1600	FX J	20	15	ug/L			06/25/25 02:12	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			06/25/25 02:12	20
1,2-Dibromoethane	ND		20	15	ug/L			06/25/25 02:12	20
1,2-Dichlorobenzene	ND		20	16	ug/L			06/25/25 02:12	20
1,2-Dichloroethane	ND		20	4.2	ug/L			06/25/25 02:12	20
1,2-Dichloropropane	ND		20	14	ug/L			06/25/25 02:12	20
1,3,5-Trimethylbenzene	820	FX J	20	15	ug/L			06/25/25 02:12	20
1,3-Dichlorobenzene	ND		20	16	ug/L			06/25/25 02:12	20
1,4-Dichlorobenzene	ND		20	17	ug/L			06/25/25 02:12	20
2-Butanone (MEK)	ND		200	26	ug/L			06/25/25 02:12	20
2-Hexanone	ND		100	25	ug/L			06/25/25 02:12	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			06/25/25 02:12	20
Acetone	~~110~~	J 200 UB	200	60	ug/L			06/25/25 02:12	20
Benzene	ND		20	8.2	ug/L			06/25/25 02:12	20
Bromodichloromethane	ND		20	7.8	ug/L			06/25/25 02:12	20
Bromoform	ND	UJ	20	5.2	ug/L			06/25/25 02:12	20
Bromomethane	ND		20	14	ug/L			06/25/25 02:12	20
Carbon disulfide	ND		20	3.8	ug/L			06/25/25 02:12	20
Carbon tetrachloride	ND		20	5.4	ug/L			06/25/25 02:12	20
Chlorobenzene	ND		20	15	ug/L			06/25/25 02:12	20
Chloroethane	ND		20	6.4	ug/L			06/25/25 02:12	20
Chloroform	ND		20	6.8	ug/L			06/25/25 02:12	20
Chloromethane	ND		20	7.0	ug/L			06/25/25 02:12	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			06/25/25 02:12	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			06/25/25 02:12	20
Cyclohexane	ND		20	3.6	ug/L			06/25/25 02:12	20
Dibromochloromethane	ND		20	6.4	ug/L			06/25/25 02:12	20
Dichlorodifluoromethane	ND		20	14	ug/L			06/25/25 02:12	20

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: IW-3

Lab Sample ID: 480-230498-2

Date Collected: 06/18/25 13:58

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	32		20	15	ug/L			06/25/25 02:12	20
Isopropylbenzene	77		20	16	ug/L			06/25/25 02:12	20
Methyl acetate	ND		50	26	ug/L			06/25/25 02:12	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			06/25/25 02:12	20
Methylcyclohexane	ND		20	3.2	ug/L			06/25/25 02:12	20
Methylene Chloride	ND		20	8.8	ug/L			06/25/25 02:12	20
N-Propylbenzene	78		20	14	ug/L			06/25/25 02:12	20
Styrene	ND		20	15	ug/L			06/25/25 02:12	20
Tetrachloroethene	ND		20	7.2	ug/L			06/25/25 02:12	20
Toluene	ND		20	10	ug/L			06/25/25 02:12	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			06/25/25 02:12	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			06/25/25 02:12	20
Trichloroethene	ND		20	9.2	ug/L			06/25/25 02:12	20
Trichlorofluoromethane	ND		20	18	ug/L			06/25/25 02:12	20
Vinyl chloride	ND	UJ	20	18	ug/L			06/25/25 02:12	20
Xylenes, Total	510		40	13	ug/L			06/25/25 02:12	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		06/25/25 02:12	20
4-Bromofluorobenzene (Surr)	89		73 - 120		06/25/25 02:12	20
Dibromofluoromethane (Surr)	93		75 - 123		06/25/25 02:12	20
Toluene-d8 (Surr)	101		80 - 120		06/25/25 02:12	20

Client Sample ID: VRI-1

Lab Sample ID: 480-230498-3

Date Collected: 06/18/25 12:46

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			06/24/25 03:50	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			06/24/25 03:50	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			06/24/25 03:50	100
1,1,2-Trichloroethane	ND		100	23	ug/L			06/24/25 03:50	100
1,1-Dichloroethane	ND		100	38	ug/L			06/24/25 03:50	100
1,1-Dichloroethene	ND		100	29	ug/L			06/24/25 03:50	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			06/24/25 03:50	100
1,2,4-Trimethylbenzene	2800		100	75	ug/L			06/24/25 03:50	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			06/24/25 03:50	100
1,2-Dibromoethane	ND		100	73	ug/L			06/24/25 03:50	100
1,2-Dichlorobenzene	ND		100	79	ug/L			06/24/25 03:50	100
1,2-Dichloroethane	ND		100	21	ug/L			06/24/25 03:50	100
1,2-Dichloropropane	ND		100	72	ug/L			06/24/25 03:50	100
1,3,5-Trimethylbenzene	1700		100	77	ug/L			06/24/25 03:50	100
1,3-Dichlorobenzene	ND		100	78	ug/L			06/24/25 03:50	100
1,4-Dichlorobenzene	ND		100	84	ug/L			06/24/25 03:50	100
2-Butanone (MEK)	ND		1000	130	ug/L			06/24/25 03:50	100
2-Hexanone	ND	UJ	500	120	ug/L			06/24/25 03:50	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			06/24/25 03:50	100
Acetone	ND		1000	300	ug/L			06/24/25 03:50	100
Benzene	ND		100	41	ug/L			06/24/25 03:50	100

Eurofins Buffalo

Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: VRI-1

Lab Sample ID: 480-230498-3

Date Collected: 06/18/25 12:46

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		100	39	ug/L			06/24/25 03:50	100
Bromoform	ND	UJ	100	26	ug/L			06/24/25 03:50	100
Bromomethane	ND		100	69	ug/L			06/24/25 03:50	100
Carbon disulfide	ND		100	19	ug/L			06/24/25 03:50	100
Carbon tetrachloride	ND		100	27	ug/L			06/24/25 03:50	100
Chlorobenzene	ND		100	75	ug/L			06/24/25 03:50	100
Chloroethane	ND		100	32	ug/L			06/24/25 03:50	100
Chloroform	ND		100	34	ug/L			06/24/25 03:50	100
Chloromethane	ND		100	35	ug/L			06/24/25 03:50	100
cis-1,2-Dichloroethene	ND		100	81	ug/L			06/24/25 03:50	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			06/24/25 03:50	100
Cyclohexane	ND		100	18	ug/L			06/24/25 03:50	100
Dibromochloromethane	ND		100	32	ug/L			06/24/25 03:50	100
Dichlorodifluoromethane	ND		100	68	ug/L			06/24/25 03:50	100
Ethylbenzene	ND		100	74	ug/L			06/24/25 03:50	100
Isopropylbenzene	130		100	79	ug/L			06/24/25 03:50	100
Methyl acetate	ND		250	130	ug/L			06/24/25 03:50	100
Methyl tert-butyl ether	ND		100	16	ug/L			06/24/25 03:50	100
Methylcyclohexane	ND		100	16	ug/L			06/24/25 03:50	100
Methylene Chloride	~~70~~ J B	100 UB	100	44	ug/L			06/24/25 03:50	100
N-Propylbenzene	99 J		100	69	ug/L			06/24/25 03:50	100
Styrene	ND		100	73	ug/L			06/24/25 03:50	100
Tetrachloroethene	ND		100	36	ug/L			06/24/25 03:50	100
Toluene	ND		100	51	ug/L			06/24/25 03:50	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			06/24/25 03:50	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			06/24/25 03:50	100
Trichloroethene	ND		100	46	ug/L			06/24/25 03:50	100
Trichlorofluoromethane	ND	UJ	100	88	ug/L			06/24/25 03:50	100
Vinyl chloride	ND	UJ	100	90	ug/L			06/24/25 03:50	100
Xylenes, Total	1000		200	66	ug/L			06/24/25 03:50	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		06/24/25 03:50	100
4-Bromofluorobenzene (Surr)	91		73 - 120		06/24/25 03:50	100
Dibromofluoromethane (Surr)	92		75 - 123		06/24/25 03:50	100
Toluene-d8 (Surr)	101		80 - 120		06/24/25 03:50	100

Client Sample ID: EB-20250616

Lab Sample ID: 480-230498-4

Date Collected: 06/16/25 12:50

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/21/25 06:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/25 06:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/25 06:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/25 06:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/25 06:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/25 06:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/25 06:12	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: EB-20250616

Lab Sample ID: 480-230498-4

Date Collected: 06/16/25 12:50

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/21/25 06:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/25 06:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/25 06:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/25 06:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/25 06:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/25 06:12	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/21/25 06:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/25 06:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/25 06:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/25 06:12	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/25 06:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/25 06:12	1
Acetone	3.0	J	10	3.0	ug/L			06/21/25 06:12	1
Benzene	ND		1.0	0.41	ug/L			06/21/25 06:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/25 06:12	1
Bromoform	ND	UJ	1.0	0.26	ug/L			06/21/25 06:12	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/25 06:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/25 06:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/25 06:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/25 06:12	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/25 06:12	1
Chloroform	ND		1.0	0.34	ug/L			06/21/25 06:12	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/25 06:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/25 06:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/25 06:12	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/25 06:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/25 06:12	1
Dichlorodifluoromethane	ND	UJ	1.0	0.68	ug/L			06/21/25 06:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/25 06:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/25 06:12	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/25 06:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/25 06:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/25 06:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/25 06:12	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/21/25 06:12	1
Styrene	ND		1.0	0.73	ug/L			06/21/25 06:12	1
Tetrachloroethene	ND	↗	1.0	0.36	ug/L			06/21/25 06:12	1
Toluene	ND		1.0	0.51	ug/L			06/21/25 06:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/25 06:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/25 06:12	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/25 06:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/25 06:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/25 06:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/25 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/21/25 06:12	1
4-Bromofluorobenzene (Surr)	89		73 - 120		06/21/25 06:12	1
Dibromofluoromethane (Surr)	89		75 - 123		06/21/25 06:12	1
Toluene-d8 (Surr)	101		80 - 120		06/21/25 06:12	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: DUP-20250618

Lab Sample ID: 480-230498-5

Date Collected: 06/18/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			06/24/25 04:13	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			06/24/25 04:13	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			06/24/25 04:13	100
1,1,2-Trichloroethane	ND		100	23	ug/L			06/24/25 04:13	100
1,1-Dichloroethane	ND		100	38	ug/L			06/24/25 04:13	100
1,1-Dichloroethene	ND		100	29	ug/L			06/24/25 04:13	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			06/24/25 04:13	100
1,2,4-Trimethylbenzene	2700		100	75	ug/L			06/24/25 04:13	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			06/24/25 04:13	100
1,2-Dibromoethane	ND		100	73	ug/L			06/24/25 04:13	100
1,2-Dichlorobenzene	ND		100	79	ug/L			06/24/25 04:13	100
1,2-Dichloroethane	ND		100	21	ug/L			06/24/25 04:13	100
1,2-Dichloropropane	ND		100	72	ug/L			06/24/25 04:13	100
1,3,5-Trimethylbenzene	1700		100	77	ug/L			06/24/25 04:13	100
1,3-Dichlorobenzene	ND		100	78	ug/L			06/24/25 04:13	100
1,4-Dichlorobenzene	ND		100	84	ug/L			06/24/25 04:13	100
2-Butanone (MEK)	ND		1000	130	ug/L			06/24/25 04:13	100
2-Hexanone	ND	UJ	500	120	ug/L			06/24/25 04:13	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			06/24/25 04:13	100
Acetone	ND		1000	300	ug/L			06/24/25 04:13	100
Benzene	ND		100	41	ug/L			06/24/25 04:13	100
Bromodichloromethane	ND		100	39	ug/L			06/24/25 04:13	100
Bromoform	ND	UJ	100	26	ug/L			06/24/25 04:13	100
Bromomethane	ND		100	69	ug/L			06/24/25 04:13	100
Carbon disulfide	ND		100	19	ug/L			06/24/25 04:13	100
Carbon tetrachloride	ND		100	27	ug/L			06/24/25 04:13	100
Chlorobenzene	ND		100	75	ug/L			06/24/25 04:13	100
Chloroethane	ND		100	32	ug/L			06/24/25 04:13	100
Chloroform	ND		100	34	ug/L			06/24/25 04:13	100
Chloromethane	ND		100	35	ug/L			06/24/25 04:13	100
cis-1,2-Dichloroethene	ND		100	81	ug/L			06/24/25 04:13	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			06/24/25 04:13	100
Cyclohexane	ND		100	18	ug/L			06/24/25 04:13	100
Dibromochloromethane	ND		100	32	ug/L			06/24/25 04:13	100
Dichlorodifluoromethane	ND		100	68	ug/L			06/24/25 04:13	100
Ethylbenzene	ND		100	74	ug/L			06/24/25 04:13	100
Isopropylbenzene	130		100	79	ug/L			06/24/25 04:13	100
Methyl acetate	ND		250	130	ug/L			06/24/25 04:13	100
Methyl tert-butyl ether	ND		100	16	ug/L			06/24/25 04:13	100
Methylcyclohexane	ND		100	16	ug/L			06/24/25 04:13	100
Methylene Chloride	~~71~~ JB	100 UB	100	44	ug/L			06/24/25 04:13	100
N-Propylbenzene	94 J		100	69	ug/L			06/24/25 04:13	100
Styrene	ND		100	73	ug/L			06/24/25 04:13	100
Tetrachloroethene	ND		100	36	ug/L			06/24/25 04:13	100
Toluene	ND		100	51	ug/L			06/24/25 04:13	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			06/24/25 04:13	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			06/24/25 04:13	100
Trichloroethene	ND		100	46	ug/L			06/24/25 04:13	100
Trichlorofluoromethane	ND	UJ	100	88	ug/L			06/24/25 04:13	100

Eurofins Buffalo

Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: DUP-20250618

Lab Sample ID: 480-230498-5

Date Collected: 06/18/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND	UJ	100	90	ug/L			06/24/25 04:13	100
Xylenes, Total	960		200	66	ug/L			06/24/25 04:13	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					06/24/25 04:13	100
4-Bromofluorobenzene (Surr)	85		73 - 120					06/24/25 04:13	100
Dibromofluoromethane (Surr)	91		75 - 123					06/24/25 04:13	100
Toluene-d8 (Surr)	101		80 - 120					06/24/25 04:13	100

Client Sample ID: IW-6

Lab Sample ID: 480-230498-6

Date Collected: 06/18/25 11:17

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			06/24/25 04:37	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			06/24/25 04:37	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			06/24/25 04:37	200
1,1,2-Trichloroethane	ND		200	46	ug/L			06/24/25 04:37	200
1,1-Dichloroethane	ND		200	76	ug/L			06/24/25 04:37	200
1,1-Dichloroethene	ND		200	58	ug/L			06/24/25 04:37	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			06/24/25 04:37	200
1,2,4-Trimethylbenzene	6000		200	150	ug/L			06/24/25 04:37	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			06/24/25 04:37	200
1,2-Dibromoethane	ND		200	150	ug/L			06/24/25 04:37	200
1,2-Dichlorobenzene	ND		200	160	ug/L			06/24/25 04:37	200
1,2-Dichloroethane	ND		200	42	ug/L			06/24/25 04:37	200
1,2-Dichloropropane	ND		200	140	ug/L			06/24/25 04:37	200
1,3,5-Trimethylbenzene	2300		200	150	ug/L			06/24/25 04:37	200
1,3-Dichlorobenzene	ND		200	160	ug/L			06/24/25 04:37	200
1,4-Dichlorobenzene	ND		200	170	ug/L			06/24/25 04:37	200
2-Butanone (MEK)	ND		2000	260	ug/L			06/24/25 04:37	200
2-Hexanone	ND	UJ	1000	250	ug/L			06/24/25 04:37	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			06/24/25 04:37	200
Acetone	ND		2000	600	ug/L			06/24/25 04:37	200
Benzene	ND		200	82	ug/L			06/24/25 04:37	200
Bromodichloromethane	ND		200	78	ug/L			06/24/25 04:37	200
Bromoform	ND	UJ	200	52	ug/L			06/24/25 04:37	200
Bromomethane	ND		200	140	ug/L			06/24/25 04:37	200
Carbon disulfide	ND		200	38	ug/L			06/24/25 04:37	200
Carbon tetrachloride	ND		200	54	ug/L			06/24/25 04:37	200
Chlorobenzene	ND		200	150	ug/L			06/24/25 04:37	200
Chloroethane	ND		200	64	ug/L			06/24/25 04:37	200
Chloroform	ND		200	68	ug/L			06/24/25 04:37	200
Chloromethane	ND		200	70	ug/L			06/24/25 04:37	200
cis-1,2-Dichloroethene	ND		200	160	ug/L			06/24/25 04:37	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			06/24/25 04:37	200
Cyclohexane	ND		200	36	ug/L			06/24/25 04:37	200
Dibromochloromethane	ND		200	64	ug/L			06/24/25 04:37	200
Dichlorodifluoromethane	ND		200	140	ug/L			06/24/25 04:37	200

Eurofins Buffalo

Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: IW-6

Lab Sample ID: 480-230498-6

Date Collected: 06/18/25 11:17

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		200	150	ug/L			06/24/25 04:37	200
Isopropylbenzene	500		200	160	ug/L			06/24/25 04:37	200
Methyl acetate	ND		500	260	ug/L			06/24/25 04:37	200
Methyl tert-butyl ether	ND		200	32	ug/L			06/24/25 04:37	200
Methylcyclohexane	ND		200	32	ug/L			06/24/25 04:37	200
Methylene Chloride	~~150~~ JB	200 UB	200	88	ug/L			06/24/25 04:37	200
N-Propylbenzene	590		200	140	ug/L			06/24/25 04:37	200
Styrene	ND		200	150	ug/L			06/24/25 04:37	200
Tetrachloroethene	ND		200	72	ug/L			06/24/25 04:37	200
Toluene	ND		200	100	ug/L			06/24/25 04:37	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			06/24/25 04:37	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			06/24/25 04:37	200
Trichloroethene	ND		200	92	ug/L			06/24/25 04:37	200
Trichlorofluoromethane	ND	UJ	200	180	ug/L			06/24/25 04:37	200
Vinyl chloride	ND	UJ	200	180	ug/L			06/24/25 04:37	200
Xylenes, Total	3700		400	130	ug/L			06/24/25 04:37	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/24/25 04:37	200
4-Bromofluorobenzene (Surr)	89		73 - 120		06/24/25 04:37	200
Dibromofluoromethane (Surr)	91		75 - 123		06/24/25 04:37	200
Toluene-d8 (Surr)	101		80 - 120		06/24/25 04:37	200

Client Sample ID: VRI-10

Lab Sample ID: 480-230498-7

Date Collected: 06/18/25 09:52

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/24/25 05:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/24/25 05:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/24/25 05:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/24/25 05:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/24/25 05:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/24/25 05:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/24/25 05:00	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/24/25 05:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/24/25 05:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/24/25 05:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/24/25 05:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/24/25 05:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/24/25 05:00	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/24/25 05:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/24/25 05:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/24/25 05:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/25 05:00	1
2-Hexanone	ND	UJ	5.0	1.2	ug/L			06/24/25 05:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/24/25 05:00	1
Acetone	ND		10	3.0	ug/L			06/24/25 05:00	1
Benzene	ND		1.0	0.41	ug/L			06/24/25 05:00	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: VRI-10

Lab Sample ID: 480-230498-7

Date Collected: 06/18/25 09:52

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			06/24/25 05:00	1
Bromoform	ND	UJ	1.0	0.26	ug/L			06/24/25 05:00	1
Bromomethane	ND		1.0	0.69	ug/L			06/24/25 05:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/24/25 05:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/24/25 05:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/24/25 05:00	1
Chloroethane	ND		1.0	0.32	ug/L			06/24/25 05:00	1
Chloroform	ND		1.0	0.34	ug/L			06/24/25 05:00	1
Chloromethane	ND		1.0	0.35	ug/L			06/24/25 05:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/24/25 05:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/24/25 05:00	1
Cyclohexane	ND		1.0	0.18	ug/L			06/24/25 05:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/24/25 05:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/24/25 05:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/24/25 05:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/24/25 05:00	1
Methyl acetate	ND		2.5	1.3	ug/L			06/24/25 05:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/24/25 05:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/24/25 05:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/24/25 05:00	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/24/25 05:00	1
Styrene	ND		1.0	0.73	ug/L			06/24/25 05:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/24/25 05:00	1
Toluene	ND		1.0	0.51	ug/L			06/24/25 05:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/24/25 05:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/24/25 05:00	1
Trichloroethene	ND		1.0	0.46	ug/L			06/24/25 05:00	1
Trichlorofluoromethane	ND	UJ	1.0	0.88	ug/L			06/24/25 05:00	1
Vinyl chloride	ND	UJ	1.0	0.90	ug/L			06/24/25 05:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/24/25 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/24/25 05:00	1
4-Bromofluorobenzene (Surr)	87		73 - 120		06/24/25 05:00	1
Dibromofluoromethane (Surr)	90		75 - 123		06/24/25 05:00	1
Toluene-d8 (Surr)	103		80 - 120		06/24/25 05:00	1

Client Sample ID: GT-16

Lab Sample ID: 480-230498-8

Date Collected: 06/17/25 17:05

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 18:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 18:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 18:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 18:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 18:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 18:59	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-16

Lab Sample ID: 480-230498-8

Date Collected: 06/17/25 17:05

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 18:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 18:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 18:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 18:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 18:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 18:59	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 18:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 18:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 18:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 18:59	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 18:59	1
Acetone	ND		10	3.0	ug/L			06/20/25 18:59	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 18:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 18:59	1
Bromoform	ND	UJ	1.0	0.26	ug/L			06/20/25 18:59	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 18:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 18:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 18:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 18:59	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 18:59	1
Chloroform	1.3		1.0	0.34	ug/L			06/20/25 18:59	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 18:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 18:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 18:59	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 18:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 18:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 18:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 18:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 18:59	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 18:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 18:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 18:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 18:59	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 18:59	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 18:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 18:59	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 18:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 18:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 18:59	1
Trichloroethene	4.6		1.0	0.46	ug/L			06/20/25 18:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 18:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 18:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		06/20/25 18:59	1
4-Bromofluorobenzene (Surr)	89		73 - 120		06/20/25 18:59	1
Dibromofluoromethane (Surr)	92		75 - 123		06/20/25 18:59	1
Toluene-d8 (Surr)	99		80 - 120		06/20/25 18:59	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-9R

Lab Sample ID: 480-230498-9

Date Collected: 06/17/25 11:01

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 19:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 19:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 19:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 19:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 19:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 19:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 19:22	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 19:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 19:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 19:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 19:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 19:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 19:22	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 19:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 19:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 19:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 19:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 19:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 19:22	1
Acetone	ND		10	3.0	ug/L			06/20/25 19:22	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 19:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 19:22	1
Bromoform	ND	UJ	1.0	0.26	ug/L			06/20/25 19:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 19:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 19:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 19:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 19:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 19:22	1
Chloroform	0.43	J	1.0	0.34	ug/L			06/20/25 19:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 19:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 19:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 19:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 19:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 19:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 19:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 19:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 19:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 19:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 19:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 19:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 19:22	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 19:22	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 19:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 19:22	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 19:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 19:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 19:22	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/25 19:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 19:22	1

Eurofins Buffalo

Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: GT-9R

Lab Sample ID: 480-230498-9

Date Collected: 06/17/25 11:01

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 19:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					06/20/25 19:22	1
4-Bromofluorobenzene (Surr)	89		73 - 120					06/20/25 19:22	1
Dibromofluoromethane (Surr)	90		75 - 123					06/20/25 19:22	1
Toluene-d8 (Surr)	100		80 - 120					06/20/25 19:22	1

Client Sample ID: VRI-3

Lab Sample ID: 480-230498-10

Date Collected: 06/17/25 13:41

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 19:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 19:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 19:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 19:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 19:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 19:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 19:45	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 19:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 19:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 19:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 19:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 19:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 19:45	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 19:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 19:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 19:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 19:45	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 19:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 19:45	1
Acetone	ND		10	3.0	ug/L			06/20/25 19:45	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 19:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 19:45	1
Bromoform	ND	UJ	1.0	0.26	ug/L			06/20/25 19:45	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 19:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 19:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 19:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 19:45	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 19:45	1
Chloroform	ND		1.0	0.34	ug/L			06/20/25 19:45	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 19:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 19:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 19:45	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 19:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 19:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 19:45	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: VRI-3

Lab Sample ID: 480-230498-10

Date Collected: 06/17/25 13:41

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 19:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 19:45	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 19:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 19:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 19:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 19:45	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 19:45	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 19:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 19:45	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 19:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 19:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 19:45	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/25 19:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 19:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 19:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		06/20/25 19:45	1
4-Bromofluorobenzene (Surr)	90		73 - 120		06/20/25 19:45	1
Dibromofluoromethane (Surr)	91		75 - 123		06/20/25 19:45	1
Toluene-d8 (Surr)	102		80 - 120		06/20/25 19:45	1

Client Sample ID: VRI-4

Lab Sample ID: 480-230498-11

Date Collected: 06/17/25 12:31

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/25 20:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/25 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/25 20:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/25 20:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/25 20:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/25 20:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/25 20:08	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/20/25 20:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/25 20:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/25 20:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/25 20:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/25 20:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/25 20:08	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/20/25 20:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/25 20:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/25 20:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/25 20:08	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/25 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/25 20:08	1
Acetone	ND		10	3.0	ug/L			06/20/25 20:08	1
Benzene	ND		1.0	0.41	ug/L			06/20/25 20:08	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: VRI-4

Lab Sample ID: 480-230498-11

Date Collected: 06/17/25 12:31

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/25 20:08	1
Bromoform	ND	UJ	1.0	0.26	ug/L			06/20/25 20:08	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/25 20:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/25 20:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/25 20:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/25 20:08	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/25 20:08	1
Chloroform	ND		1.0	0.34	ug/L			06/20/25 20:08	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/25 20:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/25 20:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/25 20:08	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/25 20:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/25 20:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/25 20:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/25 20:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/25 20:08	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/25 20:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/25 20:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/25 20:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/25 20:08	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/20/25 20:08	1
Styrene	ND		1.0	0.73	ug/L			06/20/25 20:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/25 20:08	1
Toluene	ND		1.0	0.51	ug/L			06/20/25 20:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/25 20:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/25 20:08	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/25 20:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/25 20:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/25 20:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/25 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/20/25 20:08	1
4-Bromofluorobenzene (Surr)	88		73 - 120		06/20/25 20:08	1
Dibromofluoromethane (Surr)	89		75 - 123		06/20/25 20:08	1
Toluene-d8 (Surr)	100		80 - 120		06/20/25 20:08	1

Client Sample ID: TRIP BLANK-20250616

Lab Sample ID: 480-230498-12

Date Collected: 06/16/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/21/25 06:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/25 06:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/25 06:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/25 06:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/25 06:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/25 06:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/25 06:35	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: GE IMI Riverview

Job ID: 480-230498-1

Client Sample ID: TRIP BLANK-20250616

Lab Sample ID: 480-230498-12

Date Collected: 06/16/25 00:00

Matrix: Water

Date Received: 06/20/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			06/21/25 06:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/25 06:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/25 06:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/25 06:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/25 06:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/25 06:35	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			06/21/25 06:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/25 06:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/25 06:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/25 06:35	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/25 06:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/25 06:35	1
Acetone	ND		10	3.0	ug/L			06/21/25 06:35	1
Benzene	ND		1.0	0.41	ug/L			06/21/25 06:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/25 06:35	1
Bromoform	ND	UJ	1.0	0.26	ug/L			06/21/25 06:35	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/25 06:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/25 06:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/25 06:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/25 06:35	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/25 06:35	1
Chloroform	ND		1.0	0.34	ug/L			06/21/25 06:35	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/25 06:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/25 06:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/25 06:35	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/25 06:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/25 06:35	1
Dichlorodifluoromethane	ND	UJ	1.0	0.68	ug/L			06/21/25 06:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/25 06:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/25 06:35	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/25 06:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/25 06:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/25 06:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/25 06:35	1
N-Propylbenzene	ND		1.0	0.69	ug/L			06/21/25 06:35	1
Styrene	ND		1.0	0.73	ug/L			06/21/25 06:35	1
Tetrachloroethene	ND	✖	1.0	0.36	ug/L			06/21/25 06:35	1
Toluene	ND		1.0	0.51	ug/L			06/21/25 06:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/25 06:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/25 06:35	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/25 06:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/25 06:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/25 06:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/25 06:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/21/25 06:35	1
4-Bromofluorobenzene (Surr)	87		73 - 120		06/21/25 06:35	1
Dibromofluoromethane (Surr)	89		75 - 123		06/21/25 06:35	1
Toluene-d8 (Surr)	100		80 - 120		06/21/25 06:35	1

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