

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 10/07/2025

**JOB DESCRIPTION**

fYNOP Monthly Surface Water

**JOB NUMBER**

410-243359-1

# Eurofins Lancaster Laboratories Environment Testing, LLC

## Job Notes

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

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

## Authorization



Generated  
10/07/2025

Authorized for release by  
Kelly Gallagher, Project Manager  
[kelly.gallagher@et.eurofinsus.com](mailto:kelly.gallagher@et.eurofinsus.com)  
717 205-7820

# Table of Contents

|                                                |     |
|------------------------------------------------|-----|
| Cover Page . . . . .                           | 1   |
| Data Summaries . . . . .                       | 4   |
| Definitions . . . . .                          | 4   |
| Case Narrative . . . . .                       | 5   |
| Detection Summary . . . . .                    | 6   |
| Client Sample Results . . . . .                | 8   |
| Default Detection Limits . . . . .             | 23  |
| Surrogate Summary . . . . .                    | 24  |
| QC Sample Results . . . . .                    | 25  |
| QC Association . . . . .                       | 33  |
| Chronicle . . . . .                            | 34  |
| Certification Summary . . . . .                | 37  |
| Method Summary . . . . .                       | 38  |
| Sample Summary . . . . .                       | 39  |
| Manual Integration Summary . . . . .           | 40  |
| Reagent Traceability . . . . .                 | 51  |
| COAs . . . . .                                 | 69  |
| Organic Sample Data . . . . .                  | 105 |
| GC/MS VOA . . . . .                            | 105 |
| Method 8260D Low Level . . . . .               | 105 |
| Method 8260D Low Level QC Summary . . . . .    | 106 |
| Method 8260D Low Level Sample Data . . . . .   | 124 |
| Standards Data . . . . .                       | 294 |
| Method 8260D Low Level ICAL Data . . . . .     | 294 |
| Method 8260D Low Level CCAL Data . . . . .     | 540 |
| Raw QC Data . . . . .                          | 570 |
| Method 8260D Low Level Tune Data . . . . .     | 570 |
| Method 8260D Low Level Blank Data . . . . .    | 582 |
| Method 8260D Low Level LCS/LCSD Data . . . . . | 598 |
| Method 8260D Low Level MS/MSD Data . . . . .   | 627 |
| Method 8260D Low Level Run Logs . . . . .      | 641 |
| Method 8260D Low Level Prep Data . . . . .     | 644 |
| Shipping and Receiving Documents . . . . .     | 652 |
| Client Chain of Custody . . . . .              | 653 |
| Sample Receipt Checklist . . . . .             | 655 |

## Definitions/Glossary

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| cn        | Refer to Case Narrative for further detail                                                                     |
| FH        | MS and/or MSD recovery above control limits.                                                                   |
| H         | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.  |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### Glossary

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



**Job Narrative**  
**410-243359-1**

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

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

**Receipt**

The samples were received on 9/23/2025 2:22 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

**GC/MS VOA**

Method 8260D\_LL: Internal standard (ISTD) response for t-Butyl alcohol-d10 for the following sample in analytical batch 410-710012 was outside acceptance criteria: HD-COD-SW-17-0/1-0 (410-243359-8). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260D\_LL: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to detections over calibration range in the initial analysis. HD-COD-SW-17-0/1-0 (410-243359-8) and HD-QC1-0/1-1 (410-243359-13)

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

## Detection Summary

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-1

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Chloromethane          | 0.16   | J         | 0.50 | 0.10  | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 0.085  | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-2

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Chloroform             | 0.11   | J         | 0.50 | 0.090 | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 0.21   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 0.18   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-3

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| cis-1,2-Dichloroethene | 0.19   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene      | 0.96   |           | 0.50 | 0.20  | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 0.21   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-4

| Analyte           | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|-------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Tetrachloroethene | 0.21   | J         | 0.50 | 0.20  | ug/L | 1       |   | 8260D  | Total/NA  |
| Toluene           | 0.085  | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene   | 0.094  | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-5

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| 1,1,1-Trichloroethane  | 0.19   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloromethane          | 0.21   | J         | 0.50 | 0.10  | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 0.25   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene      | 2.3    |           | 0.50 | 0.20  | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 0.23   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-6

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| 1,1,1-Trichloroethane  | 0.24   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,1-Dichloroethene     | 0.17   | J FH      | 0.50 | 0.10  | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloroform             | 0.19   | J FH      | 0.50 | 0.090 | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 0.96   | FH        | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene      | 3.9    | FH        | 0.50 | 0.20  | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 1.2    | FH        | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-7

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| 1,1,1-Trichloroethane  | 0.22   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 0.24   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene      | 3.1    |           | 0.50 | 0.20  | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 0.22   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-8

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| 1,1,1-Trichloroethane  | 11     |           | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,1-Dichloroethane     | 1.7    |           | 0.50 | 0.10  | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,1-Dichloroethene     | 0.88   |           | 0.50 | 0.10  | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloroform             | 0.22   | J         | 0.50 | 0.090 | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 2.4    |           | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 3.9    |           | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene - DL | 140    | H cn      | 5.0  | 2.0   | ug/L | 10      |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-9

| Analyte            | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| 1,1-Dichloroethene | 0.11   | J         | 0.50 | 0.10  | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloroform         | 1.3    |           | 0.50 | 0.090 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene  | 3.3    |           | 0.50 | 0.20  | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene    | 0.17   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-10

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Bromodichloromethane   | 0.092  | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloroform             | 0.65   |           | 0.50 | 0.090 | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 0.13   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene      | 0.39   | J         | 0.50 | 0.20  | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 0.16   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-11

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| cis-1,2-Dichloroethene | 0.14   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 0.11   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-12

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Chloroform             | 0.094  | J         | 0.50 | 0.090 | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 0.19   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene      | 0.58   |           | 0.50 | 0.20  | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 0.14   | J         | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-13

| Analyte                | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| 1,1,1-Trichloroethane  | 11     |           | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,1-Dichloroethane     | 1.7    |           | 0.50 | 0.10  | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,1-Dichloroethene     | 0.82   |           | 0.50 | 0.10  | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloroform             | 0.21   | J         | 0.50 | 0.090 | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloromethane          | 0.16   | J         | 0.50 | 0.10  | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 2.3    |           | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene        | 4.1    |           | 0.50 | 0.080 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene - DL | 140    | H cn      | 5.0  | 2.0   | ug/L | 10      |   | 8260D  | Total/NA  |

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

Lab Sample ID: 410-243359-14

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-1

Date Collected: 09/22/25 10:55

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:14 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:14 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 21:14 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/02/25 21:14 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 21:14 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/02/25 21:14 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Chloroform                  | ND     |           | 0.50 | 0.090 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Chloromethane               | 0.16   | J         | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| cis-1,2-Dichloroethene      | 0.085  | J         | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Tetrachloroethene           | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Trichloroethene             | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:14 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:14 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/02/25 21:14 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 80 - 120 |          | 10/02/25 21:14 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 80 - 120 |          | 10/02/25 21:14 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 80 - 120 |          | 10/02/25 21:14 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 10/02/25 21:14 | 1       |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-2

Date Collected: 09/22/25 11:50

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:35 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:35 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 21:35 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/02/25 21:35 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 21:35 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/02/25 21:35 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Chloroform                  | 0.11   | J         | 0.50 | 0.090 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Chloromethane               | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| cis-1,2-Dichloroethene      | 0.21   | J         | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Tetrachloroethene           | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Trichloroethene             | 0.18   | J         | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:35 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:35 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/02/25 21:35 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 80 - 120 |          | 10/02/25 21:35 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 80 - 120 |          | 10/02/25 21:35 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 80 - 120 |          | 10/02/25 21:35 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 80 - 120 |          | 10/02/25 21:35 | 1       |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-3

Date Collected: 09/22/25 09:47

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:56 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:56 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 21:56 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/02/25 21:56 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 21:56 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/02/25 21:56 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Chloroform                  | ND     |           | 0.50 | 0.090 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Chloromethane               | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| cis-1,2-Dichloroethene      | 0.19   | J         | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Tetrachloroethene           | 0.96   |           | 0.50 | 0.20  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Trichloroethene             | 0.21   | J         | 0.50 | 0.080 | ug/L |   |          | 10/02/25 21:56 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 21:56 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/02/25 21:56 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 80 - 120 |          | 10/02/25 21:56 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 80 - 120 |          | 10/02/25 21:56 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 80 - 120 |          | 10/02/25 21:56 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 80 - 120 |          | 10/02/25 21:56 | 1       |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-4

Date Collected: 09/22/25 13:37

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result       | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND           |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 22:17 | 1       |
| 1,1,1-Trichloroethane       | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| 1,1,2-Trichloroethane       | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| 1,1-Dichloroethane          | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| 1,1-Dichloroethene          | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| 1,2-Dibromoethane (EDB)     | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| 1,2-Dichloroethane          | ND           |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 22:17 | 1       |
| 1,2-Dichloropropane         | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| 2-Butanone (MEK)            | ND           |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 22:17 | 1       |
| 2-Hexanone                  | ND           |           | 5.0  | 2.0   | ug/L |   |          | 10/02/25 22:17 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND           |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 22:17 | 1       |
| Acetone                     | ND           |           | 5.0  | 1.5   | ug/L |   |          | 10/02/25 22:17 | 1       |
| Benzene                     | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| Bromochloromethane          | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| Bromodichloromethane        | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| Bromoform                   | ND           |           | 1.0  | 0.30  | ug/L |   |          | 10/02/25 22:17 | 1       |
| Bromomethane                | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| Carbon disulfide            | ND           |           | 1.0  | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| Carbon tetrachloride        | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| Chlorobenzene               | ND           |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 22:17 | 1       |
| Chloroethane                | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| Chloroform                  | ND           |           | 0.50 | 0.090 | ug/L |   |          | 10/02/25 22:17 | 1       |
| Chloromethane               | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| cis-1,2-Dichloroethene      | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| cis-1,3-Dichloropropene     | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| Dibromochloromethane        | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| Ethylbenzene                | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| Methyl tert-butyl ether     | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| Methylene Chloride          | ND           |           | 0.50 | 0.20  | ug/L |   |          | 10/02/25 22:17 | 1       |
| Styrene                     | ND           |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 22:17 | 1       |
| <b>Tetrachloroethene</b>    | <b>0.21</b>  | <b>J</b>  | 0.50 | 0.20  | ug/L |   |          | 10/02/25 22:17 | 1       |
| <b>Toluene</b>              | <b>0.085</b> | <b>J</b>  | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| trans-1,2-Dichloroethene    | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| trans-1,3-Dichloropropene   | ND           |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| <b>Trichloroethene</b>      | <b>0.094</b> | <b>J</b>  | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:17 | 1       |
| Vinyl chloride              | ND           |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:17 | 1       |
| Xylenes, Total              | ND           |           | 1.0  | 0.070 | ug/L |   |          | 10/02/25 22:17 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 80 - 120 |          | 10/02/25 22:17 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 80 - 120 |          | 10/02/25 22:17 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 80 - 120 |          | 10/02/25 22:17 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 80 - 120 |          | 10/02/25 22:17 | 1       |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-5

Date Collected: 09/22/25 10:03

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                      | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane    | ND        |           | 0.50     | 0.070 | ug/L |   |          | 10/02/25 22:38 | 1       |
| 1,1,1-Trichloroethane        | 0.19      | J         | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| 1,1,2,2-Tetrachloroethane    | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| 1,1,2-Trichloroethane        | ND        |           | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| 1,1-Dichloroethane           | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| 1,1-Dichloroethene           | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| 1,2-Dibromoethane (EDB)      | ND        |           | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| 1,2-Dichloroethane           | ND        |           | 0.50     | 0.070 | ug/L |   |          | 10/02/25 22:38 | 1       |
| 1,2-Dichloropropane          | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| 2-Butanone (MEK)             | ND        |           | 5.0      | 1.0   | ug/L |   |          | 10/02/25 22:38 | 1       |
| 2-Hexanone                   | ND        |           | 5.0      | 2.0   | ug/L |   |          | 10/02/25 22:38 | 1       |
| 4-Methyl-2-pentanone (MIBK)  | ND        |           | 5.0      | 1.0   | ug/L |   |          | 10/02/25 22:38 | 1       |
| Acetone                      | ND        |           | 5.0      | 1.5   | ug/L |   |          | 10/02/25 22:38 | 1       |
| Benzene                      | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Bromochloromethane           | ND        |           | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Bromodichloromethane         | ND        |           | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Bromoform                    | ND        |           | 1.0      | 0.30  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Bromomethane                 | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Carbon disulfide             | ND        |           | 1.0      | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Carbon tetrachloride         | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Chlorobenzene                | ND        |           | 0.50     | 0.070 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Chloroethane                 | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Chloroform                   | ND        |           | 0.50     | 0.090 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Chloromethane                | 0.21      | J         | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| cis-1,2-Dichloroethene       | 0.25      | J         | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| cis-1,3-Dichloropropene      | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Dibromochloromethane         | ND        |           | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Ethylbenzene                 | ND        |           | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Methyl tert-butyl ether      | ND        |           | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Methylene Chloride           | ND        |           | 0.50     | 0.20  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Styrene                      | ND        |           | 0.50     | 0.070 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Tetrachloroethene            | 2.3       |           | 0.50     | 0.20  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Toluene                      | ND        |           | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| trans-1,2-Dichloroethene     | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| trans-1,3-Dichloropropene    | ND        |           | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Trichloroethene              | 0.23      | J         | 0.50     | 0.080 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Vinyl chloride               | ND        |           | 0.50     | 0.10  | ug/L |   |          | 10/02/25 22:38 | 1       |
| Xylenes, Total               | ND        |           | 1.0      | 0.070 | ug/L |   |          | 10/02/25 22:38 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |       |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 80 - 120 |       |      |   |          | 10/02/25 22:38 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 80 - 120 |       |      |   |          | 10/02/25 22:38 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 80 - 120 |       |      |   |          | 10/02/25 22:38 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |       |      |   |          | 10/02/25 22:38 | 1       |



# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-6

Date Collected: 09/22/25 12:15

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                       | Result      | Qualifier   | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|-------------|-------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane     | ND          |             | 0.50 | 0.070 | ug/L |   |          | 10/02/25 22:59 | 1       |
| <b>1,1,1-Trichloroethane</b>  | <b>0.24</b> | <b>J</b>    | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| 1,1,2,2-Tetrachloroethane     | ND          |             | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| 1,1,2-Trichloroethane         | ND          |             | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| 1,1-Dichloroethane            | ND          | FH          | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| <b>1,1-Dichloroethene</b>     | <b>0.17</b> | <b>J FH</b> | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| 1,2-Dibromoethane (EDB)       | ND          |             | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| 1,2-Dichloroethane            | ND          |             | 0.50 | 0.070 | ug/L |   |          | 10/02/25 22:59 | 1       |
| 1,2-Dichloropropane           | ND          |             | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| 2-Butanone (MEK)              | ND          |             | 5.0  | 1.0   | ug/L |   |          | 10/02/25 22:59 | 1       |
| 2-Hexanone                    | ND          |             | 5.0  | 2.0   | ug/L |   |          | 10/02/25 22:59 | 1       |
| 4-Methyl-2-pentanone (MIBK)   | ND          |             | 5.0  | 1.0   | ug/L |   |          | 10/02/25 22:59 | 1       |
| Acetone                       | ND          |             | 5.0  | 1.5   | ug/L |   |          | 10/02/25 22:59 | 1       |
| Benzene                       | ND          |             | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| Bromochloromethane            | ND          |             | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| Bromodichloromethane          | ND          |             | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| Bromoform                     | ND          |             | 1.0  | 0.30  | ug/L |   |          | 10/02/25 22:59 | 1       |
| Bromomethane                  | ND          |             | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| Carbon disulfide              | ND          |             | 1.0  | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| Carbon tetrachloride          | ND          |             | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| Chlorobenzene                 | ND          |             | 0.50 | 0.070 | ug/L |   |          | 10/02/25 22:59 | 1       |
| Chloroethane                  | ND          |             | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| <b>Chloroform</b>             | <b>0.19</b> | <b>J FH</b> | 0.50 | 0.090 | ug/L |   |          | 10/02/25 22:59 | 1       |
| Chloromethane                 | ND          |             | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| <b>cis-1,2-Dichloroethene</b> | <b>0.96</b> | <b>FH</b>   | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| cis-1,3-Dichloropropene       | ND          |             | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| Dibromochloromethane          | ND          |             | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| Ethylbenzene                  | ND          |             | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| Methyl tert-butyl ether       | ND          |             | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| Methylene Chloride            | ND          | FH          | 0.50 | 0.20  | ug/L |   |          | 10/02/25 22:59 | 1       |
| Styrene                       | ND          |             | 0.50 | 0.070 | ug/L |   |          | 10/02/25 22:59 | 1       |
| <b>Tetrachloroethene</b>      | <b>3.9</b>  | <b>FH</b>   | 0.50 | 0.20  | ug/L |   |          | 10/02/25 22:59 | 1       |
| Toluene                       | ND          |             | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| trans-1,2-Dichloroethene      | ND          | FH          | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| trans-1,3-Dichloropropene     | ND          |             | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| <b>Trichloroethene</b>        | <b>1.2</b>  | <b>FH</b>   | 0.50 | 0.080 | ug/L |   |          | 10/02/25 22:59 | 1       |
| Vinyl chloride                | ND          |             | 0.50 | 0.10  | ug/L |   |          | 10/02/25 22:59 | 1       |
| Xylenes, Total                | ND          |             | 1.0  | 0.070 | ug/L |   |          | 10/02/25 22:59 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 80 - 120 |          | 10/02/25 22:59 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 80 - 120 |          | 10/02/25 22:59 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 80 - 120 |          | 10/02/25 22:59 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 10/02/25 22:59 | 1       |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-7

Date Collected: 09/22/25 10:27

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:02 | 1       |
| 1,1,1-Trichloroethane       | 0.22   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:02 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 00:02 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/03/25 00:02 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 00:02 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/03/25 00:02 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Chloroform                  | ND     |           | 0.50 | 0.090 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Chloromethane               | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| cis-1,2-Dichloroethene      | 0.24   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Tetrachloroethene           | 3.1    |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Trichloroethene             | 0.22   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:02 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:02 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/03/25 00:02 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 80 - 120 |          | 10/03/25 00:02 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 80 - 120 |          | 10/03/25 00:02 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 80 - 120 |          | 10/03/25 00:02 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 80 - 120 |          | 10/03/25 00:02 | 1       |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-8

Date Collected: 09/22/25 10:35

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:23 | 1       |
| 1,1,1-Trichloroethane       | 11     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| 1,1-Dichloroethane          | 1.7    |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| 1,1-Dichloroethene          | 0.88   |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:23 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 00:23 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/03/25 00:23 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 00:23 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/03/25 00:23 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/03/25 00:23 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| Chloroform                  | 0.22   | J         | 0.50 | 0.090 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Chloromethane               | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| cis-1,2-Dichloroethene      | 2.4    |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 00:23 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Trichloroethene             | 3.9    |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:23 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:23 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/03/25 00:23 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 80 - 120 |          | 10/03/25 00:23 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 80 - 120 |          | 10/03/25 00:23 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 80 - 120 |          | 10/03/25 00:23 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 10/03/25 00:23 | 1       |

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

| Analyte           | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Tetrachloroethene | 140    | H cn      | 5.0 | 2.0 | ug/L |   |          | 10/07/25 13:31 | 10      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96        | cn        | 80 - 120 |          | 10/07/25 13:31 | 10      |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-8

Date Collected: 09/22/25 10:35

Matrix: Water

Date Received: 09/23/25 14:22

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

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90        | cn        | 80 - 120 |          | 10/07/25 13:31 | 10      |
| Dibromofluoromethane (Surr) | 97        | cn        | 80 - 120 |          | 10/07/25 13:31 | 10      |
| Toluene-d8 (Surr)           | 99        | cn        | 80 - 120 |          | 10/07/25 13:31 | 10      |

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

Lab Sample ID: 410-243359-9

Date Collected: 09/22/25 11:30

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:44 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| 1,1-Dichloroethene          | 0.11   | J         | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:44 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 00:44 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/03/25 00:44 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 00:44 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/03/25 00:44 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Chloroform                  | 1.3    |           | 0.50 | 0.090 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Chloromethane               | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Tetrachloroethene           | 3.3    |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Trichloroethene             | 0.17   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 00:44 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 00:44 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/03/25 00:44 | 1       |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-9

Date Collected: 09/22/25 11:30

Matrix: Water

Date Received: 09/23/25 14:22

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 80 - 120 |          | 10/03/25 00:44 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 80 - 120 |          | 10/03/25 00:44 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 80 - 120 |          | 10/03/25 00:44 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 80 - 120 |          | 10/03/25 00:44 | 1       |

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

Lab Sample ID: 410-243359-10

Date Collected: 09/22/25 12:04

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:05 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:05 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 01:05 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/03/25 01:05 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 01:05 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/03/25 01:05 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Bromodichloromethane        | 0.092  | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Chloroform                  | 0.65   |           | 0.50 | 0.090 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Chloromethane               | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| cis-1,2-Dichloroethene      | 0.13   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Tetrachloroethene           | 0.39   | J         | 0.50 | 0.20  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Trichloroethene             | 0.16   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:05 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:05 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/03/25 01:05 | 1       |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-10

Date Collected: 09/22/25 12:04

Matrix: Water

Date Received: 09/23/25 14:22

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 80 - 120 |          | 10/03/25 01:05 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 80 - 120 |          | 10/03/25 01:05 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 80 - 120 |          | 10/03/25 01:05 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 80 - 120 |          | 10/03/25 01:05 | 1       |

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

Lab Sample ID: 410-243359-11

Date Collected: 09/22/25 14:00

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:25 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:25 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 01:25 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/03/25 01:25 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 01:25 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/03/25 01:25 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Chloroform                  | ND     |           | 0.50 | 0.090 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Chloromethane               | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| cis-1,2-Dichloroethene      | 0.14   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Tetrachloroethene           | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Trichloroethene             | 0.11   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:25 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:25 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/03/25 01:25 | 1       |

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-11

Date Collected: 09/22/25 14:00

Matrix: Water

Date Received: 09/23/25 14:22

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 80 - 120 |          | 10/03/25 01:25 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 80 - 120 |          | 10/03/25 01:25 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 80 - 120 |          | 10/03/25 01:25 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 10/03/25 01:25 | 1       |

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

Lab Sample ID: 410-243359-12

Date Collected: 09/22/25 09:30

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:46 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:46 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 01:46 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/03/25 01:46 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 01:46 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/03/25 01:46 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Chloroform                  | 0.094  | J         | 0.50 | 0.090 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Chloromethane               | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| cis-1,2-Dichloroethene      | 0.19   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Tetrachloroethene           | 0.58   |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Trichloroethene             | 0.14   | J         | 0.50 | 0.080 | ug/L |   |          | 10/03/25 01:46 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 01:46 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/03/25 01:46 | 1       |



# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-12

Date Collected: 09/22/25 09:30

Matrix: Water

Date Received: 09/23/25 14:22

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 80 - 120 |          | 10/03/25 01:46 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 80 - 120 |          | 10/03/25 01:46 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 80 - 120 |          | 10/03/25 01:46 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 80 - 120 |          | 10/03/25 01:46 | 1       |

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

Lab Sample ID: 410-243359-13

Date Collected: 09/22/25 12:00

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 02:07 | 1       |
| 1,1,1-Trichloroethane       | 11     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| 1,1-Dichloroethane          | 1.7    |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| 1,1-Dichloroethene          | 0.82   |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 02:07 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 02:07 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/03/25 02:07 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/03/25 02:07 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/03/25 02:07 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/03/25 02:07 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| Chloroform                  | 0.21   | J         | 0.50 | 0.090 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Chloromethane               | 0.16   | J         | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| cis-1,2-Dichloroethene      | 2.3    |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/03/25 02:07 | 1       |
| Styrene                     | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Toluene                     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| trans-1,2-Dichloroethene    | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| trans-1,3-Dichloropropene   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Trichloroethene             | 4.1    |           | 0.50 | 0.080 | ug/L |   |          | 10/03/25 02:07 | 1       |
| Vinyl chloride              | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/03/25 02:07 | 1       |
| Xylenes, Total              | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/03/25 02:07 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 80 - 120 |          | 10/03/25 02:07 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-13

Date Collected: 09/22/25 12:00

Matrix: Water

Date Received: 09/23/25 14:22

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

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91        |           | 80 - 120 |          | 10/03/25 02:07 | 1       |
| Dibromofluoromethane (Surr) | 104       |           | 80 - 120 |          | 10/03/25 02:07 | 1       |
| Toluene-d8 (Surr)           | 93        |           | 80 - 120 |          | 10/03/25 02:07 | 1       |

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

| Analyte           | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Tetrachloroethene | 140    | H cn      | 5.0 | 2.0 | ug/L |   |          | 10/07/25 13:52 | 10      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102       | cn        | 80 - 120 |          | 10/07/25 13:52 | 10      |
| 4-Bromofluorobenzene (Surr)  | 89        | cn        | 80 - 120 |          | 10/07/25 13:52 | 10      |
| Dibromofluoromethane (Surr)  | 98        | cn        | 80 - 120 |          | 10/07/25 13:52 | 10      |
| Toluene-d8 (Surr)            | 99        | cn        | 80 - 120 |          | 10/07/25 13:52 | 10      |

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

Lab Sample ID: 410-243359-14

Date Collected: 09/22/25 00:00

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                     | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 20:53 | 1       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| 1,2-Dichloroethane          | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 20:53 | 1       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| 2-Butanone (MEK)            | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 20:53 | 1       |
| 2-Hexanone                  | ND     |           | 5.0  | 2.0   | ug/L |   |          | 10/02/25 20:53 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND     |           | 5.0  | 1.0   | ug/L |   |          | 10/02/25 20:53 | 1       |
| Acetone                     | ND     |           | 5.0  | 1.5   | ug/L |   |          | 10/02/25 20:53 | 1       |
| Benzene                     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| Bromochloromethane          | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Bromodichloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Bromoform                   | ND     |           | 1.0  | 0.30  | ug/L |   |          | 10/02/25 20:53 | 1       |
| Bromomethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| Carbon disulfide            | ND     |           | 1.0  | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| Carbon tetrachloride        | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| Chlorobenzene               | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Chloroethane                | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| Chloroform                  | ND     |           | 0.50 | 0.090 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Chloromethane               | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| cis-1,2-Dichloroethene      | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| Dibromochloromethane        | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Ethylbenzene                | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Methyl tert-butyl ether     | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Methylene Chloride          | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/02/25 20:53 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-14

Date Collected: 09/22/25 00:00

Matrix: Water

Date Received: 09/23/25 14:22

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

| Analyte                   | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Styrene                   | ND     |           | 0.50 | 0.070 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Tetrachloroethene         | ND     |           | 0.50 | 0.20  | ug/L |   |          | 10/02/25 20:53 | 1       |
| Toluene                   | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| trans-1,2-Dichloroethene  | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| trans-1,3-Dichloropropene | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Trichloroethene           | ND     |           | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:53 | 1       |
| Vinyl chloride            | ND     |           | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:53 | 1       |
| Xylenes, Total            | ND     |           | 1.0  | 0.070 | ug/L |   |          | 10/02/25 20:53 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 80 - 120 |          | 10/02/25 20:53 | 1       |
| 4-Bromofluorobenzene (Surr)  | 94        |           | 80 - 120 |          | 10/02/25 20:53 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 80 - 120 |          | 10/02/25 20:53 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |          | 10/02/25 20:53 | 1       |

## Default Detection Limits

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

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

# Surrogate Summary

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|--------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                    |                        | DCA<br>(80-120)                                | BFB<br>(80-120) | DBFM<br>(80-120) | TOL<br>(80-120) |
| 410-243359-1       | HD-COD-SW-6-0/1-0      | 107                                            | 93              | 100              | 94              |
| 410-243359-2       | HD-COD-SW-7-0/1-0      | 100                                            | 94              | 100              | 95              |
| 410-243359-3       | HD-COD-SW-8-0/1-0      | 105                                            | 92              | 102              | 95              |
| 410-243359-4       | HD-COD-SW-9-0/1-0      | 103                                            | 93              | 102              | 95              |
| 410-243359-5       | HD-COD-SW-13-0/1-0     | 105                                            | 93              | 101              | 96              |
| 410-243359-6       | HD-COD-SW-15-0/1-0     | 101                                            | 95              | 104              | 96              |
| 410-243359-6 MS    | HD-COD-SW-15-0/1-0 MS  | 105                                            | 93              | 104              | 95              |
| 410-243359-6 MSD   | HD-COD-SW-15-0/1-0 MSD | 103                                            | 94              | 102              | 96              |
| 410-243359-7       | HD-COD-SW-16-0/1-0     | 102                                            | 93              | 101              | 95              |
| 410-243359-8       | HD-COD-SW-17-0/1-0     | 102                                            | 94              | 103              | 94              |
| 410-243359-8 - DL  | HD-COD-SW-17-0/1-0     | 96 cn                                          | 90 cn           | 97 cn            | 99 cn           |
| 410-243359-9       | HD-COD-SW-26-0/1-0     | 102                                            | 92              | 102              | 93              |
| 410-243359-10      | HD-COD-SW-27-0/1-0     | 100                                            | 95              | 101              | 95              |
| 410-243359-11      | HD-COD-SW-28-0/1-0     | 95                                             | 92              | 103              | 96              |
| 410-243359-12      | HD-COD-SW-29-0/1-0     | 97                                             | 92              | 104              | 95              |
| 410-243359-13      | HD-QC1-0/1-1           | 102                                            | 91              | 104              | 93              |
| 410-243359-13 - DL | HD-QC1-0/1-1           | 102 cn                                         | 89 cn           | 98 cn            | 99 cn           |
| 410-243359-14      | HD-QC1-0/1-2           | 105                                            | 94              | 101              | 96              |
| LCS 410-708376/4   | Lab Control Sample     | 106                                            | 94              | 102              | 97              |
| LCS 410-710012/6   | Lab Control Sample     | 103                                            | 94              | 101              | 100             |
| LCSD 410-708376/5  | Lab Control Sample Dup | 100                                            | 95              | 103              | 96              |
| LCSD 410-710012/7  | Lab Control Sample Dup | 104                                            | 93              | 99               | 99              |
| MB 410-708376/7    | Method Blank           | 99                                             | 92              | 100              | 96              |
| MB 410-710012/9    | Method Blank           | 105                                            | 90              | 99               | 100             |

### Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: MB 410-708376/7

Matrix: Water

Analysis Batch: 708376

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND           |                 | 0.50 | 0.070 | ug/L |   |          | 10/02/25 20:11 | 1       |
| 1,1,1-Trichloroethane       | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| 1,1,2-Trichloroethane       | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| 1,1-Dichloroethane          | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| 1,1-Dichloroethene          | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| 1,2-Dibromoethane (EDB)     | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| 1,2-Dichloroethane          | ND           |                 | 0.50 | 0.070 | ug/L |   |          | 10/02/25 20:11 | 1       |
| 1,2-Dichloropropane         | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| 2-Butanone (MEK)            | ND           |                 | 5.0  | 1.0   | ug/L |   |          | 10/02/25 20:11 | 1       |
| 2-Hexanone                  | ND           |                 | 5.0  | 2.0   | ug/L |   |          | 10/02/25 20:11 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND           |                 | 5.0  | 1.0   | ug/L |   |          | 10/02/25 20:11 | 1       |
| Acetone                     | ND           |                 | 5.0  | 1.5   | ug/L |   |          | 10/02/25 20:11 | 1       |
| Benzene                     | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Bromochloromethane          | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Bromodichloromethane        | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Bromoform                   | ND           |                 | 1.0  | 0.30  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Bromomethane                | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Carbon disulfide            | ND           |                 | 1.0  | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Carbon tetrachloride        | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Chlorobenzene               | ND           |                 | 0.50 | 0.070 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Chloroethane                | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Chloroform                  | ND           |                 | 0.50 | 0.090 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Chloromethane               | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| cis-1,2-Dichloroethene      | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| cis-1,3-Dichloropropene     | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Dibromochloromethane        | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Ethylbenzene                | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Methyl tert-butyl ether     | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Methylene Chloride          | ND           |                 | 0.50 | 0.20  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Styrene                     | ND           |                 | 0.50 | 0.070 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Tetrachloroethene           | ND           |                 | 0.50 | 0.20  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Toluene                     | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| trans-1,2-Dichloroethene    | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| trans-1,3-Dichloropropene   | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Trichloroethene             | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/02/25 20:11 | 1       |
| Vinyl chloride              | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/02/25 20:11 | 1       |
| Xylenes, Total              | ND           |                 | 1.0  | 0.070 | ug/L |   |          | 10/02/25 20:11 | 1       |

| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99              |                 | 80 - 120 |          | 10/02/25 20:11 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92              |                 | 80 - 120 |          | 10/02/25 20:11 | 1       |
| Dibromofluoromethane (Surr)  | 100             |                 | 80 - 120 |          | 10/02/25 20:11 | 1       |
| Toluene-d8 (Surr)            | 96              |                 | 80 - 120 |          | 10/02/25 20:11 | 1       |

# QC Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: LCS 410-708376/4

Matrix: Water

Analysis Batch: 708376

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,1,1,2-Tetrachloroethane   | 5.00           | 5.23          |                  | ug/L |   | 105  | 80 - 122       |
| 1,1,1-Trichloroethane       | 5.00           | 5.37          |                  | ug/L |   | 107  | 78 - 126       |
| 1,1,2,2-Tetrachloroethane   | 5.00           | 4.96          |                  | ug/L |   | 99   | 75 - 123       |
| 1,1,2-Trichloroethane       | 5.00           | 4.83          |                  | ug/L |   | 97   | 80 - 120       |
| 1,1-Dichloroethane          | 5.00           | 5.43          |                  | ug/L |   | 109  | 74 - 120       |
| 1,1-Dichloroethene          | 5.00           | 5.70          |                  | ug/L |   | 114  | 80 - 131       |
| 1,2-Dibromoethane (EDB)     | 5.00           | 5.33          |                  | ug/L |   | 107  | 80 - 120       |
| 1,2-Dichloroethane          | 5.00           | 4.87          |                  | ug/L |   | 97   | 69 - 122       |
| 1,2-Dichloropropane         | 5.00           | 5.31          |                  | ug/L |   | 106  | 80 - 120       |
| 2-Butanone (MEK)            | 62.5           | 61.1          |                  | ug/L |   | 98   | 59 - 141       |
| 2-Hexanone                  | 62.5           | 62.9          |                  | ug/L |   | 101  | 52 - 140       |
| 4-Methyl-2-pentanone (MIBK) | 62.5           | 59.1          |                  | ug/L |   | 94   | 55 - 140       |
| Acetone                     | 62.5           | 55.6          |                  | ug/L |   | 89   | 60 - 146       |
| Benzene                     | 5.00           | 5.35          |                  | ug/L |   | 107  | 80 - 120       |
| Bromochloromethane          | 5.00           | 5.63          |                  | ug/L |   | 113  | 80 - 133       |
| Bromodichloromethane        | 5.00           | 5.35          |                  | ug/L |   | 107  | 80 - 123       |
| Bromoform                   | 5.00           | 5.32          |                  | ug/L |   | 106  | 75 - 126       |
| Bromomethane                | 5.00           | 5.03          |                  | ug/L |   | 101  | 63 - 120       |
| Carbon disulfide            | 5.00           | 5.34          |                  | ug/L |   | 107  | 67 - 130       |
| Carbon tetrachloride        | 5.00           | 5.54          |                  | ug/L |   | 111  | 64 - 141       |
| Chlorobenzene               | 5.00           | 5.09          |                  | ug/L |   | 102  | 80 - 120       |
| Chloroethane                | 5.00           | 4.83          |                  | ug/L |   | 97   | 63 - 120       |
| Chloroform                  | 5.00           | 5.43          |                  | ug/L |   | 109  | 80 - 120       |
| Chloromethane               | 5.00           | 4.41          |                  | ug/L |   | 88   | 56 - 124       |
| cis-1,2-Dichloroethene      | 5.00           | 5.73          |                  | ug/L |   | 115  | 80 - 122       |
| cis-1,3-Dichloropropene     | 5.00           | 5.06          |                  | ug/L |   | 101  | 67 - 121       |
| Dibromochloromethane        | 5.00           | 5.05          |                  | ug/L |   | 101  | 80 - 123       |
| Ethylbenzene                | 5.00           | 5.05          |                  | ug/L |   | 101  | 80 - 120       |
| Methyl tert-butyl ether     | 5.00           | 4.91          |                  | ug/L |   | 98   | 69 - 120       |
| Methylene Chloride          | 5.00           | 5.57          |                  | ug/L |   | 111  | 80 - 120       |
| Styrene                     | 5.00           | 5.13          |                  | ug/L |   | 103  | 80 - 120       |
| Tetrachloroethene           | 5.00           | 5.06          |                  | ug/L |   | 101  | 80 - 120       |
| Toluene                     | 5.00           | 5.17          |                  | ug/L |   | 103  | 80 - 120       |
| trans-1,2-Dichloroethene    | 5.00           | 5.72          |                  | ug/L |   | 114  | 80 - 122       |
| trans-1,3-Dichloropropene   | 5.00           | 4.87          |                  | ug/L |   | 97   | 61 - 129       |
| Trichloroethene             | 5.00           | 5.29          |                  | ug/L |   | 106  | 80 - 120       |
| Vinyl chloride              | 5.00           | 4.79          |                  | ug/L |   | 96   | 60 - 125       |
| Xylenes, Total              | 15.0           | 15.5          |                  | ug/L |   | 103  | 80 - 120       |

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 106              |                  | 80 - 120 |
| 4-Bromofluorobenzene (Surr)  | 94               |                  | 80 - 120 |
| Dibromofluoromethane (Surr)  | 102              |                  | 80 - 120 |
| Toluene-d8 (Surr)            | 97               |                  | 80 - 120 |

# QC Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: LCSD 410-708376/5

Matrix: Water

Analysis Batch: 708376

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane   | 5.00        | 5.23        |                | ug/L |   | 105  | 80 - 122    | 0   | 30        |
| 1,1,1-Trichloroethane       | 5.00        | 5.55        |                | ug/L |   | 111  | 78 - 126    | 3   | 30        |
| 1,1,2,2-Tetrachloroethane   | 5.00        | 5.34        |                | ug/L |   | 107  | 75 - 123    | 7   | 30        |
| 1,1,2-Trichloroethane       | 5.00        | 5.17        |                | ug/L |   | 103  | 80 - 120    | 7   | 30        |
| 1,1-Dichloroethane          | 5.00        | 5.52        |                | ug/L |   | 110  | 74 - 120    | 2   | 30        |
| 1,1-Dichloroethene          | 5.00        | 6.10        |                | ug/L |   | 122  | 80 - 131    | 7   | 30        |
| 1,2-Dibromoethane (EDB)     | 5.00        | 5.30        |                | ug/L |   | 106  | 80 - 120    | 1   | 30        |
| 1,2-Dichloroethane          | 5.00        | 4.98        |                | ug/L |   | 100  | 69 - 122    | 2   | 30        |
| 1,2-Dichloropropane         | 5.00        | 5.48        |                | ug/L |   | 110  | 80 - 120    | 3   | 30        |
| 2-Butanone (MEK)            | 62.5        | 62.7        |                | ug/L |   | 100  | 59 - 141    | 3   | 30        |
| 2-Hexanone                  | 62.5        | 66.9        |                | ug/L |   | 107  | 52 - 140    | 6   | 30        |
| 4-Methyl-2-pentanone (MIBK) | 62.5        | 65.1        |                | ug/L |   | 104  | 55 - 140    | 10  | 30        |
| Acetone                     | 62.5        | 56.4        |                | ug/L |   | 90   | 60 - 146    | 1   | 30        |
| Benzene                     | 5.00        | 5.45        |                | ug/L |   | 109  | 80 - 120    | 2   | 30        |
| Bromochloromethane          | 5.00        | 5.82        |                | ug/L |   | 116  | 80 - 133    | 3   | 30        |
| Bromodichloromethane        | 5.00        | 5.55        |                | ug/L |   | 111  | 80 - 123    | 4   | 30        |
| Bromoform                   | 5.00        | 5.55        |                | ug/L |   | 111  | 75 - 126    | 4   | 30        |
| Bromomethane                | 5.00        | 5.14        |                | ug/L |   | 103  | 63 - 120    | 2   | 30        |
| Carbon disulfide            | 5.00        | 5.50        |                | ug/L |   | 110  | 67 - 130    | 3   | 30        |
| Carbon tetrachloride        | 5.00        | 5.68        |                | ug/L |   | 114  | 64 - 141    | 2   | 30        |
| Chlorobenzene               | 5.00        | 5.17        |                | ug/L |   | 103  | 80 - 120    | 2   | 30        |
| Chloroethane                | 5.00        | 4.94        |                | ug/L |   | 99   | 63 - 120    | 2   | 30        |
| Chloroform                  | 5.00        | 5.58        |                | ug/L |   | 112  | 80 - 120    | 3   | 30        |
| Chloromethane               | 5.00        | 4.66        |                | ug/L |   | 93   | 56 - 124    | 6   | 30        |
| cis-1,2-Dichloroethene      | 5.00        | 5.78        |                | ug/L |   | 116  | 80 - 122    | 1   | 30        |
| cis-1,3-Dichloropropene     | 5.00        | 5.21        |                | ug/L |   | 104  | 67 - 121    | 3   | 30        |
| Dibromochloromethane        | 5.00        | 5.13        |                | ug/L |   | 103  | 80 - 123    | 2   | 30        |
| Ethylbenzene                | 5.00        | 5.21        |                | ug/L |   | 104  | 80 - 120    | 3   | 30        |
| Methyl tert-butyl ether     | 5.00        | 5.03        |                | ug/L |   | 101  | 69 - 120    | 2   | 30        |
| Methylene Chloride          | 5.00        | 5.74        |                | ug/L |   | 115  | 80 - 120    | 3   | 30        |
| Styrene                     | 5.00        | 5.26        |                | ug/L |   | 105  | 80 - 120    | 3   | 30        |
| Tetrachloroethene           | 5.00        | 5.09        |                | ug/L |   | 102  | 80 - 120    | 1   | 30        |
| Toluene                     | 5.00        | 5.19        |                | ug/L |   | 104  | 80 - 120    | 0   | 30        |
| trans-1,2-Dichloroethene    | 5.00        | 5.93        |                | ug/L |   | 119  | 80 - 122    | 4   | 30        |
| trans-1,3-Dichloropropene   | 5.00        | 4.96        |                | ug/L |   | 99   | 61 - 129    | 2   | 30        |
| Trichloroethene             | 5.00        | 5.43        |                | ug/L |   | 109  | 80 - 120    | 3   | 30        |
| Vinyl chloride              | 5.00        | 4.99        |                | ug/L |   | 100  | 60 - 125    | 4   | 30        |
| Xylenes, Total              | 15.0        | 15.8        |                | ug/L |   | 105  | 80 - 120    | 2   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 100            |                | 80 - 120 |
| 4-Bromofluorobenzene (Surr)  | 95             |                | 80 - 120 |
| Dibromofluoromethane (Surr)  | 103            |                | 80 - 120 |
| Toluene-d8 (Surr)            | 96             |                | 80 - 120 |

# QC Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-6 MS

Matrix: Water

Analysis Batch: 708376

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

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane   | ND            |                  | 5.00        | 5.55      |              | ug/L |   | 111  | 80 - 122    |
| 1,1,1-Trichloroethane       | 0.24          | J                | 5.00        | 6.40      |              | ug/L |   | 123  | 78 - 126    |
| 1,1,2,2-Tetrachloroethane   | ND            |                  | 5.00        | 5.26      |              | ug/L |   | 105  | 75 - 123    |
| 1,1,2-Trichloroethane       | ND            |                  | 5.00        | 5.32      |              | ug/L |   | 106  | 80 - 120    |
| 1,1-Dichloroethane          | ND            | FH               | 5.00        | 6.10      | FH           | ug/L |   | 122  | 74 - 120    |
| 1,1-Dichloroethene          | 0.17          | J FH             | 5.00        | 6.91      | FH           | ug/L |   | 135  | 80 - 131    |
| 1,2-Dibromoethane (EDB)     | ND            |                  | 5.00        | 5.48      |              | ug/L |   | 110  | 80 - 120    |
| 1,2-Dichloroethane          | ND            |                  | 5.00        | 5.20      |              | ug/L |   | 104  | 69 - 122    |
| 1,2-Dichloropropane         | ND            |                  | 5.00        | 5.81      |              | ug/L |   | 116  | 80 - 120    |
| 2-Butanone (MEK)            | ND            |                  | 62.6        | 66.1      |              | ug/L |   | 106  | 59 - 141    |
| 2-Hexanone                  | ND            |                  | 62.6        | 68.3      |              | ug/L |   | 109  | 52 - 140    |
| 4-Methyl-2-pentanone (MIBK) | ND            |                  | 62.6        | 65.4      |              | ug/L |   | 104  | 55 - 140    |
| Acetone                     | ND            |                  | 62.6        | 59.5      |              | ug/L |   | 95   | 60 - 146    |
| Benzene                     | ND            |                  | 5.00        | 5.85      |              | ug/L |   | 117  | 80 - 120    |
| Bromochloromethane          | ND            |                  | 5.00        | 6.22      |              | ug/L |   | 124  | 80 - 133    |
| Bromodichloromethane        | ND            |                  | 5.00        | 5.83      |              | ug/L |   | 117  | 80 - 123    |
| Bromoform                   | ND            |                  | 5.00        | 5.48      |              | ug/L |   | 109  | 75 - 126    |
| Bromomethane                | ND            |                  | 5.00        | 5.63      |              | ug/L |   | 112  | 63 - 120    |
| Carbon disulfide            | ND            |                  | 5.00        | 6.18      |              | ug/L |   | 124  | 67 - 130    |
| Carbon tetrachloride        | ND            |                  | 5.00        | 6.49      |              | ug/L |   | 130  | 64 - 141    |
| Chlorobenzene               | ND            |                  | 5.00        | 5.45      |              | ug/L |   | 109  | 80 - 120    |
| Chloroethane                | ND            |                  | 5.00        | 5.81      |              | ug/L |   | 116  | 63 - 120    |
| Chloroform                  | 0.19          | J FH             | 5.00        | 6.28      | FH           | ug/L |   | 122  | 80 - 120    |
| Chloromethane               | ND            |                  | 5.00        | 5.01      |              | ug/L |   | 100  | 80 - 120    |
| cis-1,2-Dichloroethene      | 0.96          | FH               | 5.00        | 7.26      | FH           | ug/L |   | 126  | 80 - 122    |
| cis-1,3-Dichloropropene     | ND            |                  | 5.00        | 5.37      |              | ug/L |   | 107  | 67 - 121    |
| Dibromochloromethane        | ND            |                  | 5.00        | 5.24      |              | ug/L |   | 105  | 80 - 123    |
| Ethylbenzene                | ND            |                  | 5.00        | 5.49      |              | ug/L |   | 110  | 80 - 120    |
| Methyl tert-butyl ether     | ND            |                  | 5.00        | 5.31      |              | ug/L |   | 106  | 69 - 120    |
| Methylene Chloride          | ND            | FH               | 5.00        | 6.12      | FH           | ug/L |   | 122  | 80 - 120    |
| Styrene                     | ND            |                  | 5.00        | 5.52      |              | ug/L |   | 110  | 80 - 120    |
| Tetrachloroethene           | 3.9           | FH               | 5.00        | 9.98      | FH           | ug/L |   | 122  | 80 - 120    |
| Toluene                     | ND            |                  | 5.00        | 5.52      |              | ug/L |   | 110  | 80 - 120    |
| trans-1,2-Dichloroethene    | ND            | FH               | 5.00        | 6.42      | FH           | ug/L |   | 128  | 80 - 122    |
| trans-1,3-Dichloropropene   | ND            |                  | 5.00        | 5.02      |              | ug/L |   | 100  | 61 - 129    |
| Trichloroethene             | 1.2           | FH               | 5.00        | 7.24      | FH           | ug/L |   | 122  | 80 - 120    |
| Vinyl chloride              | ND            |                  | 5.00        | 5.67      |              | ug/L |   | 113  | 60 - 125    |
| Xylenes, Total              | ND            |                  | 15.0        | 16.7      |              | ug/L |   | 111  | 80 - 120    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 105          |              | 80 - 120 |
| 4-Bromofluorobenzene (Surr)  | 93           |              | 80 - 120 |
| Dibromofluoromethane (Surr)  | 104          |              | 80 - 120 |
| Toluene-d8 (Surr)            | 95           |              | 80 - 120 |



# QC Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: 410-243359-6 MSD

Matrix: Water

Analysis Batch: 708376

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

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane   | ND            |                  | 5.00        | 5.39       |               | ug/L |   | 108  | 80 - 122    | 3   | 30        |
| 1,1,1-Trichloroethane       | 0.24          | J                | 5.00        | 6.41       |               | ug/L |   | 123  | 78 - 126    | 0   | 30        |
| 1,1,2,2-Tetrachloroethane   | ND            |                  | 5.00        | 5.18       |               | ug/L |   | 104  | 75 - 123    | 2   | 30        |
| 1,1,2-Trichloroethane       | ND            |                  | 5.00        | 5.25       |               | ug/L |   | 105  | 80 - 120    | 1   | 30        |
| 1,1-Dichloroethane          | ND            | FH               | 5.00        | 6.11       | FH            | ug/L |   | 122  | 74 - 120    | 0   | 30        |
| 1,1-Dichloroethene          | 0.17          | J FH             | 5.00        | 7.01       | FH            | ug/L |   | 137  | 80 - 131    | 1   | 30        |
| 1,2-Dibromoethane (EDB)     | ND            |                  | 5.00        | 5.42       |               | ug/L |   | 108  | 80 - 120    | 1   | 30        |
| 1,2-Dichloroethane          | ND            |                  | 5.00        | 5.52       |               | ug/L |   | 110  | 69 - 122    | 6   | 30        |
| 1,2-Dichloropropane         | ND            |                  | 5.00        | 5.82       |               | ug/L |   | 116  | 80 - 120    | 0   | 30        |
| 2-Butanone (MEK)            | ND            |                  | 62.6        | 64.4       |               | ug/L |   | 103  | 59 - 141    | 3   | 30        |
| 2-Hexanone                  | ND            |                  | 62.6        | 67.5       |               | ug/L |   | 108  | 52 - 140    | 1   | 30        |
| 4-Methyl-2-pentanone (MIBK) | ND            |                  | 62.6        | 64.8       |               | ug/L |   | 104  | 55 - 140    | 1   | 30        |
| Acetone                     | ND            |                  | 62.6        | 57.1       |               | ug/L |   | 91   | 60 - 146    | 4   | 30        |
| Benzene                     | ND            |                  | 5.00        | 5.92       |               | ug/L |   | 118  | 80 - 120    | 1   | 30        |
| Bromochloromethane          | ND            |                  | 5.00        | 6.09       |               | ug/L |   | 122  | 80 - 133    | 2   | 30        |
| Bromodichloromethane        | ND            |                  | 5.00        | 5.82       |               | ug/L |   | 116  | 80 - 123    | 0   | 30        |
| Bromoform                   | ND            |                  | 5.00        | 5.45       |               | ug/L |   | 109  | 75 - 126    | 0   | 30        |
| Bromomethane                | ND            |                  | 5.00        | 6.00       |               | ug/L |   | 120  | 63 - 120    | 6   | 30        |
| Carbon disulfide            | ND            |                  | 5.00        | 6.10       |               | ug/L |   | 122  | 67 - 130    | 1   | 30        |
| Carbon tetrachloride        | ND            |                  | 5.00        | 6.35       |               | ug/L |   | 127  | 64 - 141    | 2   | 30        |
| Chlorobenzene               | ND            |                  | 5.00        | 5.44       |               | ug/L |   | 109  | 80 - 120    | 0   | 30        |
| Chloroethane                | ND            |                  | 5.00        | 6.01       |               | ug/L |   | 120  | 63 - 120    | 3   | 30        |
| Chloroform                  | 0.19          | J FH             | 5.00        | 6.16       |               | ug/L |   | 119  | 80 - 120    | 2   | 30        |
| Chloromethane               | ND            |                  | 5.00        | 5.21       |               | ug/L |   | 104  | 80 - 120    | 4   | 30        |
| cis-1,2-Dichloroethene      | 0.96          | FH               | 5.00        | 7.15       | FH            | ug/L |   | 124  | 80 - 122    | 2   | 30        |
| cis-1,3-Dichloropropene     | ND            |                  | 5.00        | 5.28       |               | ug/L |   | 105  | 67 - 121    | 2   | 30        |
| Dibromochloromethane        | ND            |                  | 5.00        | 5.27       |               | ug/L |   | 105  | 80 - 123    | 0   | 30        |
| Ethylbenzene                | ND            |                  | 5.00        | 5.46       |               | ug/L |   | 109  | 80 - 120    | 1   | 30        |
| Methyl tert-butyl ether     | ND            |                  | 5.00        | 5.20       |               | ug/L |   | 104  | 69 - 120    | 2   | 30        |
| Methylene Chloride          | ND            | FH               | 5.00        | 6.11       | FH            | ug/L |   | 122  | 80 - 120    | 0   | 30        |
| Styrene                     | ND            |                  | 5.00        | 5.41       |               | ug/L |   | 108  | 80 - 120    | 2   | 30        |
| Tetrachloroethene           | 3.9           | FH               | 5.00        | 9.25       |               | ug/L |   | 107  | 80 - 120    | 8   | 30        |
| Toluene                     | ND            |                  | 5.00        | 5.54       |               | ug/L |   | 111  | 80 - 120    | 0   | 30        |
| trans-1,2-Dichloroethene    | ND            | FH               | 5.00        | 6.57       | FH            | ug/L |   | 131  | 80 - 122    | 2   | 30        |
| trans-1,3-Dichloropropene   | ND            |                  | 5.00        | 5.04       |               | ug/L |   | 101  | 61 - 129    | 0   | 30        |
| Trichloroethene             | 1.2           | FH               | 5.00        | 7.13       |               | ug/L |   | 119  | 80 - 120    | 2   | 30        |
| Vinyl chloride              | ND            |                  | 5.00        | 6.05       |               | ug/L |   | 121  | 60 - 125    | 7   | 30        |
| Xylenes, Total              | ND            |                  | 15.0        | 16.7       |               | ug/L |   | 111  | 80 - 120    | 0   | 30        |

| Surrogate                    | MSD %Recovery | MSD Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 103           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr)  | 94            |               | 80 - 120 |
| Dibromofluoromethane (Surr)  | 102           |               | 80 - 120 |
| Toluene-d8 (Surr)            | 96            |               | 80 - 120 |

# QC Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: MB 410-710012/9

Matrix: Water

Analysis Batch: 710012

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|-------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND           |                 | 0.50 | 0.070 | ug/L |   |          | 10/07/25 11:26 | 1       |
| 1,1,1-Trichloroethane       | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| 1,1,2-Trichloroethane       | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| 1,1-Dichloroethane          | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| 1,1-Dichloroethene          | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| 1,2-Dibromoethane (EDB)     | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| 1,2-Dichloroethane          | ND           |                 | 0.50 | 0.070 | ug/L |   |          | 10/07/25 11:26 | 1       |
| 1,2-Dichloropropane         | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| 2-Butanone (MEK)            | ND           |                 | 5.0  | 1.0   | ug/L |   |          | 10/07/25 11:26 | 1       |
| 2-Hexanone                  | ND           |                 | 5.0  | 2.0   | ug/L |   |          | 10/07/25 11:26 | 1       |
| 4-Methyl-2-pentanone (MIBK) | ND           |                 | 5.0  | 1.0   | ug/L |   |          | 10/07/25 11:26 | 1       |
| Acetone                     | ND           |                 | 5.0  | 1.5   | ug/L |   |          | 10/07/25 11:26 | 1       |
| Benzene                     | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Bromochloromethane          | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Bromodichloromethane        | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Bromoform                   | ND           |                 | 1.0  | 0.30  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Bromomethane                | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Carbon disulfide            | ND           |                 | 1.0  | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Carbon tetrachloride        | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Chlorobenzene               | ND           |                 | 0.50 | 0.070 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Chloroethane                | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Chloroform                  | ND           |                 | 0.50 | 0.090 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Chloromethane               | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| cis-1,2-Dichloroethene      | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| cis-1,3-Dichloropropene     | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Dibromochloromethane        | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Ethylbenzene                | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Methyl tert-butyl ether     | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Methylene Chloride          | ND           |                 | 0.50 | 0.20  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Styrene                     | ND           |                 | 0.50 | 0.070 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Tetrachloroethene           | ND           |                 | 0.50 | 0.20  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Toluene                     | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| trans-1,2-Dichloroethene    | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| trans-1,3-Dichloropropene   | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Trichloroethene             | ND           |                 | 0.50 | 0.080 | ug/L |   |          | 10/07/25 11:26 | 1       |
| Vinyl chloride              | ND           |                 | 0.50 | 0.10  | ug/L |   |          | 10/07/25 11:26 | 1       |
| Xylenes, Total              | ND           |                 | 1.0  | 0.070 | ug/L |   |          | 10/07/25 11:26 | 1       |

| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105             |                 | 80 - 120 |          | 10/07/25 11:26 | 1       |
| 4-Bromofluorobenzene (Surr)  | 90              |                 | 80 - 120 |          | 10/07/25 11:26 | 1       |
| Dibromofluoromethane (Surr)  | 99              |                 | 80 - 120 |          | 10/07/25 11:26 | 1       |
| Toluene-d8 (Surr)            | 100             |                 | 80 - 120 |          | 10/07/25 11:26 | 1       |

# QC Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: LCS 410-710012/6

Matrix: Water

Analysis Batch: 710012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane   | 5.00        | 5.01       |               | ug/L |   | 100  | 80 - 122    |
| 1,1,1-Trichloroethane       | 5.00        | 5.09       |               | ug/L |   | 102  | 78 - 126    |
| 1,1,2,2-Tetrachloroethane   | 5.00        | 4.97       |               | ug/L |   | 99   | 75 - 123    |
| 1,1,2-Trichloroethane       | 5.00        | 4.80       |               | ug/L |   | 96   | 80 - 120    |
| 1,1-Dichloroethane          | 5.00        | 5.03       |               | ug/L |   | 101  | 74 - 120    |
| 1,1-Dichloroethene          | 5.00        | 5.64       |               | ug/L |   | 113  | 80 - 131    |
| 1,2-Dibromoethane (EDB)     | 5.00        | 5.08       |               | ug/L |   | 102  | 80 - 120    |
| 1,2-Dichloroethane          | 5.00        | 4.73       |               | ug/L |   | 95   | 69 - 122    |
| 1,2-Dichloropropane         | 5.00        | 5.03       |               | ug/L |   | 101  | 80 - 120    |
| 2-Butanone (MEK)            | 62.5        | 56.0       |               | ug/L |   | 90   | 59 - 141    |
| 2-Hexanone                  | 62.5        | 59.4       |               | ug/L |   | 95   | 52 - 140    |
| 4-Methyl-2-pentanone (MIBK) | 62.5        | 57.6       |               | ug/L |   | 92   | 55 - 140    |
| Acetone                     | 62.5        | 53.5       |               | ug/L |   | 86   | 60 - 146    |
| Benzene                     | 5.00        | 4.90       |               | ug/L |   | 98   | 80 - 120    |
| Bromochloromethane          | 5.00        | 5.24       |               | ug/L |   | 105  | 80 - 133    |
| Bromodichloromethane        | 5.00        | 4.93       |               | ug/L |   | 99   | 80 - 123    |
| Bromoform                   | 5.00        | 5.06       |               | ug/L |   | 101  | 75 - 126    |
| Bromomethane                | 5.00        | 5.13       |               | ug/L |   | 103  | 63 - 120    |
| Carbon disulfide            | 5.00        | 5.09       |               | ug/L |   | 102  | 67 - 130    |
| Carbon tetrachloride        | 5.00        | 5.19       |               | ug/L |   | 104  | 64 - 141    |
| Chlorobenzene               | 5.00        | 4.99       |               | ug/L |   | 100  | 80 - 120    |
| Chloroethane                | 5.00        | 4.99       |               | ug/L |   | 100  | 63 - 120    |
| Chloroform                  | 5.00        | 5.04       |               | ug/L |   | 101  | 80 - 120    |
| Chloromethane               | 5.00        | 4.91       |               | ug/L |   | 98   | 56 - 124    |
| cis-1,2-Dichloroethene      | 5.00        | 5.20       |               | ug/L |   | 104  | 80 - 122    |
| cis-1,3-Dichloropropene     | 5.00        | 4.60       |               | ug/L |   | 92   | 67 - 121    |
| Dibromochloromethane        | 5.00        | 4.90       |               | ug/L |   | 98   | 80 - 123    |
| Ethylbenzene                | 5.00        | 4.94       |               | ug/L |   | 99   | 80 - 120    |
| Methyl tert-butyl ether     | 5.00        | 4.53       |               | ug/L |   | 91   | 69 - 120    |
| Methylene Chloride          | 5.00        | 5.13       |               | ug/L |   | 103  | 80 - 120    |
| Styrene                     | 5.00        | 4.95       |               | ug/L |   | 99   | 80 - 120    |
| Tetrachloroethene           | 5.00        | 4.91       |               | ug/L |   | 98   | 80 - 120    |
| Toluene                     | 5.00        | 4.96       |               | ug/L |   | 99   | 80 - 120    |
| trans-1,2-Dichloroethene    | 5.00        | 5.26       |               | ug/L |   | 105  | 80 - 122    |
| trans-1,3-Dichloropropene   | 5.00        | 4.50       |               | ug/L |   | 90   | 61 - 129    |
| Trichloroethene             | 5.00        | 4.80       |               | ug/L |   | 96   | 80 - 120    |
| Vinyl chloride              | 5.00        | 5.29       |               | ug/L |   | 106  | 60 - 125    |
| Xylenes, Total              | 15.0        | 14.8       |               | ug/L |   | 99   | 80 - 120    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 103           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr)  | 94            |               | 80 - 120 |
| Dibromofluoromethane (Surr)  | 101           |               | 80 - 120 |
| Toluene-d8 (Surr)            | 100           |               | 80 - 120 |

# QC Sample Results

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

Lab Sample ID: LCSD 410-710012/7

Matrix: Water

Analysis Batch: 710012

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane   | 5.00        | 5.01        |                | ug/L |   | 100  | 80 - 122    | 0   | 30        |
| 1,1,1-Trichloroethane       | 5.00        | 5.03        |                | ug/L |   | 101  | 78 - 126    | 1   | 30        |
| 1,1,2,2-Tetrachloroethane   | 5.00        | 4.91        |                | ug/L |   | 98   | 75 - 123    | 1   | 30        |
| 1,1,2-Trichloroethane       | 5.00        | 4.90        |                | ug/L |   | 98   | 80 - 120    | 2   | 30        |
| 1,1-Dichloroethane          | 5.00        | 5.02        |                | ug/L |   | 100  | 74 - 120    | 0   | 30        |
| 1,1-Dichloroethene          | 5.00        | 5.61        |                | ug/L |   | 112  | 80 - 131    | 1   | 30        |
| 1,2-Dibromoethane (EDB)     | 5.00        | 5.13        |                | ug/L |   | 103  | 80 - 120    | 1   | 30        |
| 1,2-Dichloroethane          | 5.00        | 4.41        |                | ug/L |   | 88   | 69 - 122    | 7   | 30        |
| 1,2-Dichloropropane         | 5.00        | 4.88        |                | ug/L |   | 98   | 80 - 120    | 3   | 30        |
| 2-Butanone (MEK)            | 62.5        | 59.6        |                | ug/L |   | 95   | 59 - 141    | 6   | 30        |
| 2-Hexanone                  | 62.5        | 62.1        |                | ug/L |   | 99   | 52 - 140    | 4   | 30        |
| 4-Methyl-2-pentanone (MIBK) | 62.5        | 61.6        |                | ug/L |   | 99   | 55 - 140    | 7   | 30        |
| Acetone                     | 62.5        | 54.9        |                | ug/L |   | 88   | 60 - 146    | 3   | 30        |
| Benzene                     | 5.00        | 4.89        |                | ug/L |   | 98   | 80 - 120    | 0   | 30        |
| Bromochloromethane          | 5.00        | 5.26        |                | ug/L |   | 105  | 80 - 133    | 0   | 30        |
| Bromodichloromethane        | 5.00        | 4.96        |                | ug/L |   | 99   | 80 - 123    | 1   | 30        |
| Bromoform                   | 5.00        | 5.04        |                | ug/L |   | 101  | 75 - 126    | 0   | 30        |
| Bromomethane                | 5.00        | 5.19        |                | ug/L |   | 104  | 63 - 120    | 1   | 30        |
| Carbon disulfide            | 5.00        | 5.05        |                | ug/L |   | 101  | 67 - 130    | 1   | 30        |
| Carbon tetrachloride        | 5.00        | 5.27        |                | ug/L |   | 105  | 64 - 141    | 1   | 30        |
| Chlorobenzene               | 5.00        | 4.97        |                | ug/L |   | 99   | 80 - 120    | 0   | 30        |
| Chloroethane                | 5.00        | 5.03        |                | ug/L |   | 101  | 63 - 120    | 1   | 30        |
| Chloroform                  | 5.00        | 5.10        |                | ug/L |   | 102  | 80 - 120    | 1   | 30        |
| Chloromethane               | 5.00        | 4.89        |                | ug/L |   | 98   | 56 - 124    | 1   | 30        |
| cis-1,2-Dichloroethene      | 5.00        | 5.18        |                | ug/L |   | 104  | 80 - 122    | 0   | 30        |
| cis-1,3-Dichloropropene     | 5.00        | 4.47        |                | ug/L |   | 89   | 67 - 121    | 3   | 30        |
| Dibromochloromethane        | 5.00        | 4.90        |                | ug/L |   | 98   | 80 - 123    | 0   | 30        |
| Ethylbenzene                | 5.00        | 4.87        |                | ug/L |   | 97   | 80 - 120    | 1   | 30        |
| Methyl tert-butyl ether     | 5.00        | 4.60        |                | ug/L |   | 92   | 69 - 120    | 1   | 30        |
| Methylene Chloride          | 5.00        | 5.18        |                | ug/L |   | 104  | 80 - 120    | 1   | 30        |
| Styrene                     | 5.00        | 4.94        |                | ug/L |   | 99   | 80 - 120    | 0   | 30        |
| Tetrachloroethene           | 5.00        | 4.84        |                | ug/L |   | 97   | 80 - 120    | 1   | 30        |
| Toluene                     | 5.00        | 5.01        |                | ug/L |   | 100  | 80 - 120    | 1   | 30        |
| trans-1,2-Dichloroethene    | 5.00        | 5.37        |                | ug/L |   | 107  | 80 - 122    | 2   | 30        |
| trans-1,3-Dichloropropene   | 5.00        | 4.58        |                | ug/L |   | 92   | 61 - 129    | 2   | 30        |
| Trichloroethene             | 5.00        | 4.89        |                | ug/L |   | 98   | 80 - 120    | 2   | 30        |
| Vinyl chloride              | 5.00        | 5.35        |                | ug/L |   | 107  | 60 - 125    | 1   | 30        |
| Xylenes, Total              | 15.0        | 14.9        |                | ug/L |   | 100  | 80 - 120    | 1   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 104            |                | 80 - 120 |
| 4-Bromofluorobenzene (Surr)  | 93             |                | 80 - 120 |
| Dibromofluoromethane (Surr)  | 99             |                | 80 - 120 |
| Toluene-d8 (Surr)            | 99             |                | 80 - 120 |

## QC Association Summary

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

### GC/MS VOA

#### Analysis Batch: 708376

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 410-243359-1      | HD-COD-SW-6-0/1-0      | Total/NA  | Water  | 8260D  |            |
| 410-243359-2      | HD-COD-SW-7-0/1-0      | Total/NA  | Water  | 8260D  |            |
| 410-243359-3      | HD-COD-SW-8-0/1-0      | Total/NA  | Water  | 8260D  |            |
| 410-243359-4      | HD-COD-SW-9-0/1-0      | Total/NA  | Water  | 8260D  |            |
| 410-243359-5      | HD-COD-SW-13-0/1-0     | Total/NA  | Water  | 8260D  |            |
| 410-243359-6      | HD-COD-SW-15-0/1-0     | Total/NA  | Water  | 8260D  |            |
| 410-243359-7      | HD-COD-SW-16-0/1-0     | Total/NA  | Water  | 8260D  |            |
| 410-243359-8      | HD-COD-SW-17-0/1-0     | Total/NA  | Water  | 8260D  |            |
| 410-243359-9      | HD-COD-SW-26-0/1-0     | Total/NA  | Water  | 8260D  |            |
| 410-243359-10     | HD-COD-SW-27-0/1-0     | Total/NA  | Water  | 8260D  |            |
| 410-243359-11     | HD-COD-SW-28-0/1-0     | Total/NA  | Water  | 8260D  |            |
| 410-243359-12     | HD-COD-SW-29-0/1-0     | Total/NA  | Water  | 8260D  |            |
| 410-243359-13     | HD-QC1-0/1-1           | Total/NA  | Water  | 8260D  |            |
| 410-243359-14     | HD-QC1-0/1-2           | Total/NA  | Water  | 8260D  |            |
| MB 410-708376/7   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 410-708376/4  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 410-708376/5 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |
| 410-243359-6 MS   | HD-COD-SW-15-0/1-0 MS  | Total/NA  | Water  | 8260D  |            |
| 410-243359-6 MSD  | HD-COD-SW-15-0/1-0 MSD | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 710012

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 410-243359-8 - DL  | HD-COD-SW-17-0/1-0     | Total/NA  | Water  | 8260D  |            |
| 410-243359-13 - DL | HD-QC1-0/1-1           | Total/NA  | Water  | 8260D  |            |
| MB 410-710012/9    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 410-710012/6   | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 410-710012/7  | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |

# Lab Chronicle

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

**Lab Sample ID: 410-243359-1**

**Date Collected: 09/22/25 10:55**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/02/25 21:14       |

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

**Lab Sample ID: 410-243359-2**

**Date Collected: 09/22/25 11:50**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/02/25 21:35       |

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

**Lab Sample ID: 410-243359-3**

**Date Collected: 09/22/25 09:47**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/02/25 21:56       |

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

**Lab Sample ID: 410-243359-4**

**Date Collected: 09/22/25 13:37**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/02/25 22:17       |

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

**Lab Sample ID: 410-243359-5**

**Date Collected: 09/22/25 10:03**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/02/25 22:38       |

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

**Lab Sample ID: 410-243359-6**

**Date Collected: 09/22/25 12:15**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/02/25 22:59       |

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

**Lab Sample ID: 410-243359-7**

**Date Collected: 09/22/25 10:27**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/03/25 00:02       |

# Lab Chronicle

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

**Lab Sample ID: 410-243359-8**

**Date Collected: 09/22/25 10:35**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/03/25 00:23       |
| Total/NA  | Analysis   | 8260D        | DL  | 10              | 710012       | N7YK    | ELLE | 10/07/25 13:31       |

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

**Lab Sample ID: 410-243359-9**

**Date Collected: 09/22/25 11:30**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/03/25 00:44       |

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

**Lab Sample ID: 410-243359-10**

**Date Collected: 09/22/25 12:04**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/03/25 01:05       |

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

**Lab Sample ID: 410-243359-11**

**Date Collected: 09/22/25 14:00**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/03/25 01:25       |

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

**Lab Sample ID: 410-243359-12**

**Date Collected: 09/22/25 09:30**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/03/25 01:46       |

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

**Lab Sample ID: 410-243359-13**

**Date Collected: 09/22/25 12:00**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/03/25 02:07       |
| Total/NA  | Analysis   | 8260D        | DL  | 10              | 710012       | N7YK    | ELLE | 10/07/25 13:52       |

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

**Lab Sample ID: 410-243359-14**

**Date Collected: 09/22/25 00:00**

**Matrix: Water**

**Date Received: 09/23/25 14:22**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 708376       | JS6E    | ELLE | 10/02/25 20:53       |

## Lab Chronicle

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

### Laboratory References:

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



Accreditation/Certification Summary

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

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

Method Summary

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

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

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

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

# Sample Summary

Client: Groundwater Sciences Corporation  
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-243359-1

| Lab Sample ID | Client Sample ID   | Matrix | Collected      | Received       | Sample Origin |
|---------------|--------------------|--------|----------------|----------------|---------------|
| 410-243359-1  | HD-COD-SW-6-0/1-0  | Water  | 09/22/25 10:55 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-2  | HD-COD-SW-7-0/1-0  | Water  | 09/22/25 11:50 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-3  | HD-COD-SW-8-0/1-0  | Water  | 09/22/25 09:47 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-4  | HD-COD-SW-9-0/1-0  | Water  | 09/22/25 13:37 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-5  | HD-COD-SW-13-0/1-0 | Water  | 09/22/25 10:03 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-6  | HD-COD-SW-15-0/1-0 | Water  | 09/22/25 12:15 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-7  | HD-COD-SW-16-0/1-0 | Water  | 09/22/25 10:27 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-8  | HD-COD-SW-17-0/1-0 | Water  | 09/22/25 10:35 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-9  | HD-COD-SW-26-0/1-0 | Water  | 09/22/25 11:30 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-10 | HD-COD-SW-27-0/1-0 | Water  | 09/22/25 12:04 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-11 | HD-COD-SW-28-0/1-0 | Water  | 09/22/25 14:00 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-12 | HD-COD-SW-29-0/1-0 | Water  | 09/22/25 09:30 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-13 | HD-QC1-0/1-1       | Water  | 09/22/25 12:00 | 09/23/25 14:22 | Pennsylvania  |
| 410-243359-14 | HD-QC1-0/1-2       | Water  | 09/22/25 00:00 | 09/23/25 14:22 | Pennsylvania  |

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/13

Client Sample ID:

Date Analyzed: 07/09/25 04:17

Lab File ID: HL08X12.D

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

| COMPOUND NAME               | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|-----------------------------|-------------------|------------------------|---------|----------------|
|                             |                   | REASON                 | ANALYST | DATE           |
| Bromomethane                | 2.39              | Incomplete Integration | JS6E    | 07/11/25 01:09 |
| Trichlorofluoromethane      | 2.68              | Incomplete Integration | JS6E    | 07/11/25 01:09 |
| Acrolein                    | 3.22              | Incomplete Integration | JS6E    | 07/11/25 01:10 |
| Freon 113                   | 3.28              | Incomplete Integration | JS6E    | 07/11/25 01:10 |
| Ethyl bromide               | 3.45              | Incomplete Integration | JS6E    | 07/11/25 01:10 |
| Carbon disulfide            | 3.54              | Incomplete Integration | JS6E    | 07/11/25 01:10 |
| Bromodichloromethane        | 8.54              | Incomplete Integration | JS6E    | 07/11/25 01:11 |
| 2-Nitropropane              | 8.81              | Incomplete Integration | JS6E    | 07/11/25 01:12 |
| cis-1,3-Dichloropropene     | 9.12              | Incomplete Integration | JS6E    | 07/11/25 01:12 |
| 4-Methyl-2-pentanone (MIBK) | 9.31              | Incomplete Integration | JS6E    | 07/11/25 01:12 |
| 2-Butanone (MEK)            |                   | Invalid Compound ID    | JS6E    | 07/11/25 01:10 |
| Ethyl methacrylate          |                   | Invalid Compound ID    | JS6E    | 07/11/25 01:12 |
| Methyl acetate              |                   | Invalid Compound ID    | JS6E    | 07/11/25 01:11 |
| trans-1,3-Dichloropropene   |                   | Invalid Compound ID    | JS6E    | 07/11/25 01:12 |
| 2-Hexanone                  | 10.27             | Incomplete Integration | JS6E    | 07/11/25 01:13 |
| 1-Chlorohexane              | 10.96             | Incomplete Integration | JS6E    | 07/11/25 01:13 |
| Styrene                     | 11.56             | Incomplete Integration | JS6E    | 07/11/25 01:13 |

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/14

Client Sample ID:

Date Analyzed: 07/09/25 04:37

Lab File ID: HL08X13.D

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

| COMPOUND NAME               | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|-----------------------------|-------------------|------------------------|---------|----------------|
|                             |                   | REASON                 | ANALYST | DATE           |
| Bromomethane                | 2.39              | Incomplete Integration | JS6E    | 07/11/25 01:14 |
| Acrolein                    | 3.18              | Incomplete Integration | JS6E    | 07/11/25 01:14 |
| Acetone                     | 3.38              | Incomplete Integration | JS6E    | 07/11/25 01:14 |
| Carbon disulfide            | 3.53              | Incomplete Integration | JS6E    | 07/11/25 01:14 |
| Methyl acetate              | 3.76              | Incomplete Integration | JS6E    | 07/11/25 01:15 |
| Methacrylonitrile           | 6.09              | Incomplete Integration | JS6E    | 07/11/25 01:15 |
| Isobutyl alcohol            | 6.90              | Incomplete Integration | JS6E    | 07/11/25 01:15 |
| Trichloroethene             | 7.85              | Incomplete Integration | JS6E    | 07/11/25 01:15 |
| Dibromomethane              | 8.31              | Incomplete Integration | JS6E    | 07/11/25 01:15 |
| 2-Nitropropane              | 8.81              | Incomplete Integration | JS6E    | 07/11/25 01:15 |
| 1-Bromo-2-chloroethane      | 8.95              | Incomplete Integration | JS6E    | 07/11/25 01:16 |
| cis-1,3-Dichloropropene     | 9.12              | Incomplete Integration | JS6E    | 07/11/25 01:16 |
| 4-Methyl-2-pentanone (MIBK) | 9.30              | Incomplete Integration | JS6E    | 07/11/25 01:16 |
| trans-1,3-Dichloropropene   | 9.82              | Incomplete Integration | JS6E    | 07/11/25 01:16 |
| Ethyl methacrylate          | 9.90              | Incomplete Integration | JS6E    | 07/11/25 01:16 |
| 2-Hexanone                  | 10.26             | Incomplete Integration | JS6E    | 07/11/25 01:16 |
| Styrene                     | 11.55             | Incomplete Integration | JS6E    | 07/11/25 01:16 |
| 1,1,2,2-Tetrachloroethane   | 12.08             | Incomplete Integration | JS6E    | 07/11/25 01:16 |
| 1,3,5-Trimethylbenzene      | 12.30             | Incomplete Integration | JS6E    | 07/11/25 01:17 |
| Benzyl chloride             | 12.96             | Incomplete Integration | JS6E    | 07/11/25 01:17 |

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/15

Client Sample ID:

Date Analyzed: 07/09/25 04:58

Lab File ID: HL08X14.D

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

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

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/16

Client Sample ID:

Date Analyzed: 07/09/25 05:18

Lab File ID: HL08X15.D

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

| COMPOUND NAME           | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|-------------------------|-------------------|------------------------|---------|----------------|
|                         |                   | REASON                 | ANALYST | DATE           |
| Bromomethane            | 2.40              | Incomplete Integration | JS6E    | 07/11/25 01:22 |
| Methyl acetate          | 3.70              | Incomplete Integration | JS6E    | 07/11/25 01:22 |
| t-Butyl alcohol         | 3.98              | Incomplete Integration | JS6E    | 07/11/25 01:23 |
| Acrylonitrile           | 4.34              | Incomplete Integration | JS6E    | 07/11/25 01:23 |
| 2-Butanone (MEK)        | 5.76              | Incomplete Integration | JS6E    | 07/11/25 01:24 |
| Propionitrile           | 6.01              | Incomplete Integration | JS6E    | 07/11/25 01:24 |
| Isobutyl alcohol        | 6.86              | Incomplete Integration | JS6E    | 07/11/25 01:25 |
| n-Butanol               | 7.84              | Incomplete Integration | JS6E    | 07/11/25 01:25 |
| Dibromomethane          | 8.29              | Incomplete Integration | JS6E    | 07/11/25 01:25 |
| Methyl methacrylate     | 8.30              | Incomplete Integration | JS6E    | 07/11/25 01:25 |
| 1-Bromo-2-chloroethane  | 8.94              | Incomplete Integration | JS6E    | 07/11/25 01:25 |
| 1,1,2-Trichloroethane   | 10.00             | Incomplete Integration | JS6E    | 07/11/25 01:26 |
| 1,2-Dibromoethane (EDB) | 10.51             | Incomplete Integration | JS6E    | 07/11/25 01:26 |

Lab Sample ID: IC 410-668589/17

Client Sample ID:

Date Analyzed: 07/09/25 05:39

Lab File ID: HL08X16.D

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

| COMPOUND NAME          | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|------------------------|-------------------|------------------------|---------|----------------|
|                        |                   | REASON                 | ANALYST | DATE           |
| Bromomethane           | 2.40              | Incomplete Integration | JS6E    | 07/11/25 01:27 |
| Methyl acetate         | 3.70              | Incomplete Integration | JS6E    | 07/11/25 01:27 |
| Acrylonitrile          | 4.27              | Incomplete Integration | JS6E    | 07/11/25 01:27 |
| 2-Butanone (MEK)       | 5.73              | Incomplete Integration | JS6E    | 07/11/25 01:28 |
| Propionitrile          | 5.86              | Incomplete Integration | JS6E    | 07/11/25 01:30 |
| Isobutyl alcohol       | 6.85              | Incomplete Integration | JS6E    | 07/11/25 01:29 |
| n-Butanol              | 7.84              | Incomplete Integration | JS6E    | 07/11/25 01:30 |
| 1,4-Dioxane            | 8.31              | Incomplete Integration | JS6E    | 07/11/25 01:31 |
| 1-Bromo-2-chloroethane | 8.94              | Incomplete Integration | JS6E    | 07/11/25 01:31 |

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/18

Client Sample ID:

Date Analyzed: 07/09/25 06:00

Lab File ID: HL08X17.D

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

| COMPOUND NAME  | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|----------------|-------------------|------------------------|---------|----------------|
|                |                   | REASON                 | ANALYST | DATE           |
| Bromomethane   | 2.39              | Incomplete Integration | JS6E    | 07/11/25 01:32 |
| Methyl acetate | 3.69              | Incomplete Integration | JS6E    | 07/11/25 01:46 |
| Acrylonitrile  | 4.24              | Incomplete Integration | JS6E    | 07/11/25 01:32 |

Lab Sample ID: IC 410-668589/19

Client Sample ID:

Date Analyzed: 07/09/25 06:21

Lab File ID: HL08X18.D

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

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

Lab Sample ID: ICIS 410-668589/20

Client Sample ID:

Date Analyzed: 07/09/25 06:41

Lab File ID: HL08X19.D

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

| COMPOUND NAME  | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|----------------|-------------------|------------------------|---------|----------------|
|                |                   | REASON                 | ANALYST | DATE           |
| Bromomethane   | 2.39              | Incomplete Integration | JS6E    | 07/11/25 01:03 |
| Methyl acetate | 3.66              | Incomplete Integration | JS6E    | 07/11/25 01:04 |

Lab Sample ID: IC 410-668589/21

Client Sample ID:

Date Analyzed: 07/09/25 07:02

Lab File ID: HL08X20.D

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

| COMPOUND NAME  | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|----------------|-------------------|------------------------|---------|----------------|
|                |                   | REASON                 | ANALYST | DATE           |
| Bromomethane   | 2.42              | Incomplete Integration | JS6E    | 07/11/25 01:35 |
| Methyl acetate | 3.65              | Incomplete Integration | JS6E    | 07/11/25 01:36 |



## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 668589

Lab Sample ID: ICV 410-668589/23

Client Sample ID:

Date Analyzed: 07/09/25 07:43

Lab File ID: HL08X22.D

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

| COMPOUND NAME  | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|----------------|-------------------|------------------------|---------|----------------|
|                |                   | REASON                 | ANALYST | DATE           |
| Bromomethane   | 2.40              | Incomplete Integration | JS6E    | 07/11/25 02:10 |
| Methyl acetate | 3.67              | Incomplete Integration | JS6E    | 07/11/25 02:10 |
| Acrylonitrile  | 4.20              | Incomplete Integration | JS6E    | 07/11/25 02:10 |
| Propionitrile  | 5.80              | Incomplete Integration | JS6E    | 07/11/25 02:11 |
| 2-Nitropropane | 8.81              | Incomplete Integration | JS6E    | 07/11/25 02:11 |

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 708376

Lab Sample ID: CCVIS 410-708376/3

Client Sample ID:

Date Analyzed: 10/02/25 18:47

Lab File ID: HC02X02.D

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

| COMPOUND NAME  | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|----------------|-------------------|------------------------|---------|----------------|
|                |                   | REASON                 | ANALYST | DATE           |
| Methyl acetate | 3.66              | Incomplete Integration | HR3Z    | 10/02/25 19:12 |
| Acrylonitrile  | 4.18              | Incomplete Integration | HR3Z    | 10/02/25 19:13 |
| Propionitrile  | 5.77              | Incomplete Integration | HR3Z    | 10/02/25 19:13 |

Lab Sample ID: LCSD 410-708376/5

Client Sample ID:

Date Analyzed: 10/02/25 19:29

Lab File ID: HC02X04.D

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

| COMPOUND NAME               | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|-----------------------------|-------------------|------------------------|---------|----------------|
|                             |                   | REASON                 | ANALYST | DATE           |
| Dibromofluoromethane (Surr) | 6.44              | Incomplete Integration | HR3Z    | 10/02/25 19:53 |

Lab Sample ID: 410-243359-1

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

Date Analyzed: 10/02/25 21:14

Lab File ID: HC02X09.D

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

| COMPOUND NAME   | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|-----------------|-------------------|------------------------|---------|----------------|
|                 |                   | REASON                 | ANALYST | DATE           |
| Trichloroethene | 7.88              | Incomplete Integration | FQ4L    | 10/03/25 15:02 |

Lab Sample ID: 410-243359-2

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

Date Analyzed: 10/02/25 21:35

Lab File ID: HC02X10.D

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

| COMPOUND NAME          | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|------------------------|-------------------|------------------------|---------|----------------|
|                        |                   | REASON                 | ANALYST | DATE           |
| cis-1,2-Dichloroethene | 5.76              | Incomplete Integration | FQ4L    | 10/03/25 15:03 |
| Trichloroethene        | 7.85              | Incomplete Integration | FQ4L    | 10/03/25 15:03 |

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 708376

Lab Sample ID: 410-243359-3

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

Date Analyzed: 10/02/25 21:56

Lab File ID: HC02X11.D

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

| COMPOUND NAME   | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|-----------------|-------------------|------------------------|---------|----------------|
|                 |                   | REASON                 | ANALYST | DATE           |
| Trichloroethene | 7.85              | Incomplete Integration | FQ4L    | 10/03/25 15:04 |

Lab Sample ID: 410-243359-4

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

Date Analyzed: 10/02/25 22:17

Lab File ID: HC02X12.D

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

| COMPOUND NAME          | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|------------------------|-------------------|------------------------|---------|----------------|
|                        |                   | REASON                 | ANALYST | DATE           |
| Carbon disulfide       | 3.53              | Incomplete Integration | FQ4L    | 10/03/25 15:05 |
| Trichloroethene        | 7.86              | Incomplete Integration | FQ4L    | 10/03/25 15:06 |
| cis-1,2-Dichloroethene |                   | Invalid Compound ID    | FQ4L    | 10/03/25 15:05 |

Lab Sample ID: 410-243359-5

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

Date Analyzed: 10/02/25 22:38

Lab File ID: HC02X13.D

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

| COMPOUND NAME    | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|------------------|-------------------|------------------------|---------|----------------|
|                  |                   | REASON                 | ANALYST | DATE           |
| Carbon disulfide | 3.54              | Incomplete Integration | FQ4L    | 10/03/25 15:07 |
| 2-Butanone (MEK) |                   | Invalid Compound ID    | FQ4L    | 10/03/25 15:07 |

Lab Sample ID: 410-243359-6

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

Date Analyzed: 10/02/25 22:59

Lab File ID: HC02X14.D

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

| COMPOUND NAME         | RETENTION<br>TIME | MANUAL INTEGRATION  |         |                |
|-----------------------|-------------------|---------------------|---------|----------------|
|                       |                   | REASON              | ANALYST | DATE           |
| 1,1,2-Trichloroethane |                   | Invalid Compound ID | FQ4L    | 10/03/25 15:16 |

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 708376

Lab Sample ID: 410-243359-7

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

Date Analyzed: 10/03/25 00:02

Lab File ID: HC02X17.D

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

| COMPOUND NAME | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|---------------|-------------------|------------------------|---------|----------------|
|               |                   | REASON                 | ANALYST | DATE           |
| Chloroform    | 6.24              | Incomplete Integration | FQ4L    | 10/03/25 15:08 |

Lab Sample ID: 410-243359-8

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

Date Analyzed: 10/03/25 00:23

Lab File ID: HC02X18.D

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

| COMPOUND NAME        | RETENTION<br>TIME | MANUAL INTEGRATION  |         |                |
|----------------------|-------------------|---------------------|---------|----------------|
|                      |                   | REASON              | ANALYST | DATE           |
| Dibromochloromethane |                   | Invalid Compound ID | FQ4L    | 10/03/25 15:09 |

Lab Sample ID: 410-243359-9

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

Date Analyzed: 10/03/25 00:44

Lab File ID: HC02X19.D

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

| COMPOUND NAME   | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|-----------------|-------------------|------------------------|---------|----------------|
|                 |                   | REASON                 | ANALYST | DATE           |
| Trichloroethene | 7.86              | Incomplete Integration | FQ4L    | 10/03/25 15:10 |

Lab Sample ID: 410-243359-10

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

Date Analyzed: 10/03/25 01:05

Lab File ID: HC02X20.D

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

| COMPOUND NAME        | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|----------------------|-------------------|------------------------|---------|----------------|
|                      |                   | REASON                 | ANALYST | DATE           |
| Bromodichloromethane | 8.55              | Incomplete Integration | FQ4L    | 10/03/25 15:11 |

Lab Sample ID: 410-243359-11

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

Date Analyzed: 10/03/25 01:25

Lab File ID: HC02X21.D

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

| COMPOUND NAME          | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|------------------------|-------------------|------------------------|---------|----------------|
|                        |                   | REASON                 | ANALYST | DATE           |
| cis-1,2-Dichloroethene | 5.76              | Incomplete Integration | FQ4L    | 10/03/25 15:12 |
| Trichloroethene        | 7.87              | Incomplete Integration | FQ4L    | 10/03/25 15:12 |

8260D

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 708376

Lab Sample ID: 410-243359-12

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

Date Analyzed: 10/03/25 01:46

Lab File ID: HC02X22.D

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

| COMPOUND NAME         | RETENTION<br>TIME | MANUAL INTEGRATION  |         |                |
|-----------------------|-------------------|---------------------|---------|----------------|
|                       |                   | REASON              | ANALYST | DATE           |
| 1,1,1-Trichloroethane |                   | Invalid Compound ID | FQ4L    | 10/03/25 15:13 |

## GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 710012

Lab Sample ID: CCVIS 410-710012/3

Client Sample ID:

Date Analyzed: 10/07/25 09:21

Lab File ID: HC07X02.D

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

| COMPOUND NAME  | RETENTION<br>TIME | MANUAL INTEGRATION     |         |                |
|----------------|-------------------|------------------------|---------|----------------|
|                |                   | REASON                 | ANALYST | DATE           |
| Methyl acetate | 3.66              | Incomplete Integration | N7YK    | 10/07/25 09:47 |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID           | Exp Date | Prep Date            | Dilutant Used       | Reagent Final Volume | Parent Reagent      |                           | Analyte                     | Concentration |
|----------------------|----------|----------------------|---------------------|----------------------|---------------------|---------------------------|-----------------------------|---------------|
|                      |          |                      |                     |                      | Reagent ID          | Volume Added              |                             |               |
| MSV_LCS_VOC#1_00227  | 08/06/25 | 07/07/25             | Methanol, Lot EH471 | 25 mL                | MSV_M_MIX1SEC_00273 | 1 mL                      | 1,1,1,2-Tetrachloroethane   | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | 1,1,1-Trichloroethane       | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | 1,1,2,2-Tetrachloroethane   | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | 1,1,2-Trichloroethane       | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | 1,1-Dichloroethane          | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | 1,1-Dichloroethene          | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | 1,2-Dibromoethane (EDB)     | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | 1,2-Dichloroethane          | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | 1,2-Dichloropropane         | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Benzene                     | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Bromochloromethane          | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Bromodichloromethane        | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Bromoform                   | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Carbon tetrachloride        | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Chlorobenzene               | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Chloroform                  | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | cis-1,2-Dichloroethene      | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | cis-1,3-Dichloropropene     | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Dibromochloromethane        | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Ethylbenzene                | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Methylene Chloride          | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Styrene                     | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Tetrachloroethene           | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Toluene                     | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | trans-1,2-Dichloroethene    | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | trans-1,3-Dichloropropene   | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | Trichloroethene             | 40 ug/mL      |
|                      |          |                      |                     |                      | MSV_M_MIX2SEC_00280 | 1 mL                      | Carbon disulfide            | 40 ug/mL      |
|                      |          |                      |                     |                      | MSV_Q_Ketones_00285 | 1 mL                      | Methyl tert-butyl ether     | 40 ug/mL      |
|                      |          |                      |                     |                      |                     |                           | 2-Butanone (MEK)            | 500 ug/mL     |
|                      |          |                      |                     |                      |                     |                           | 2-Hexanone                  | 500 ug/mL     |
|                      |          |                      |                     |                      |                     |                           | 4-Methyl-2-pentanone (MIBK) | 500 ug/mL     |
|                      |          |                      |                     |                      |                     |                           | Acetone                     | 500 ug/mL     |
| .MSV_M_MIX1SEC_00273 | 12/31/27 | Restek, Lot A0225025 |                     |                      | (Purchased Reagent) | 1,1,1,2-Tetrachloroethane | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | 1,1,1-Trichloroethane     | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | 1,1,2,2-Tetrachloroethane | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | 1,1,2-Trichloroethane     | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | 1,1-Dichloroethane        | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | 1,1-Dichloroethene        | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | 1,2-Dibromoethane (EDB)   | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | 1,2-Dichloroethane        | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | 1,2-Dichloropropane       | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | Benzene                   | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | Bromochloromethane        | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | Bromodichloromethane      | 1000 ug/mL                  |               |
|                      |          |                      |                     |                      |                     | Bromoform                 | 1000 ug/mL                  |               |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID           | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                     | Concentration |
|----------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------|---------------|
|                      |          |           |                      |                      | Reagent ID          | Volume Added |                             |               |
|                      |          |           |                      |                      |                     |              | Carbon tetrachloride        | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Chlorobenzene               | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Chloroform                  | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | cis-1,2-Dichloroethene      | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | cis-1,3-Dichloropropene     | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Dibromochloromethane        | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Ethylbenzene                | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Methylene Chloride          | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Styrene                     | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Tetrachloroethene           | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Toluene                     | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene    | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene   | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Trichloroethene             | 1000 ug/mL    |
| .MSV_M_MIX2SEC_00280 | 05/31/28 |           | Restek, Lot A0225702 |                      | (Purchased Reagent) |              | Carbon disulfide            | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Methyl tert-butyl ether     | 1000 ug/mL    |
| .MSV_Q_Ketones_00285 | 04/30/27 |           | Restek, Lot A0209876 |                      | (Purchased Reagent) |              | 2-Butanone (MEK)            | 12500 ug/mL   |
|                      |          |           |                      |                      |                     |              | 2-Hexanone                  | 12500 ug/mL   |
|                      |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL   |
|                      |          |           |                      |                      |                     |              | Acetone                     | 12500 ug/mL   |
| MSV_LCS_VOC#1_00240  | 10/29/25 | 09/29/25  | Methanol, Lot EJ274  | 25 mL                | MSV_M_MIX1SEC_00284 | 1 mL         | 1,1,1,2-Tetrachloroethane   | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1,1-Trichloroethane       | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane   | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane       | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1-Dichloroethane          | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1-Dichloroethene          | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2-Dibromoethane (EDB)     | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2-Dichloroethane          | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2-Dichloropropane         | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Benzene                     | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Bromochloromethane          | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Bromodichloromethane        | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Bromoform                   | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Carbon tetrachloride        | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Chlorobenzene               | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Chloroform                  | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | cis-1,2-Dichloroethene      | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | cis-1,3-Dichloropropene     | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Dibromochloromethane        | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Ethylbenzene                | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Methylene Chloride          | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Styrene                     | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Tetrachloroethene           | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | Toluene                     | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene    | 40 ug/mL      |
|                      |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene   | 40 ug/mL      |



REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID           | Exp Date | Prep Date            | Dilutant Used       | Reagent Final Volume | Parent Reagent              |              | Analyte                     | Concentration |
|----------------------|----------|----------------------|---------------------|----------------------|-----------------------------|--------------|-----------------------------|---------------|
|                      |          |                      |                     |                      | Reagent ID                  | Volume Added |                             |               |
|                      |          |                      |                     |                      |                             |              | Trichloroethene             | 40 ug/mL      |
|                      |          |                      |                     |                      | MSV_M_MIX2SEC_00295         | 1 mL         | Carbon disulfide            | 40 ug/mL      |
|                      |          |                      |                     |                      |                             |              | Methyl tert-butyl ether     | 40 ug/mL      |
|                      |          |                      |                     |                      |                             |              | MSV_Q_Ketones_00299         | 1 mL          |
|                      |          |                      |                     |                      | 2-Hexanone                  | 500 ug/mL    |                             |               |
|                      |          |                      |                     |                      | 4-Methyl-2-pentanone (MIBK) | 500 ug/mL    |                             |               |
| .MSV_M_MIX1SEC_00284 | 12/31/27 | Restek, Lot A0225025 |                     |                      | (Purchased Reagent)         |              | Acetone                     | 500 ug/mL     |
|                      |          |                      |                     |                      | 1,1,1,2-Tetrachloroethane   | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | 1,1,1-Trichloroethane       | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | 1,1,2,2-Tetrachloroethane   | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | 1,1,2-Trichloroethane       | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | 1,1-Dichloroethane          | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | 1,1-Dichloroethene          | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | 1,2-Dibromoethane (EDB)     | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | 1,2-Dichloroethane          | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | 1,2-Dichloropropane         | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Benzene                     | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Bromochloromethane          | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Bromodichloromethane        | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Bromoform                   | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Carbon tetrachloride        | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Chlorobenzene               | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Chloroform                  | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | cis-1,2-Dichloroethene      | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | cis-1,3-Dichloropropene     | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Dibromochloromethane        | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Ethylbenzene                | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Methylene Chloride          | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Styrene                     | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Tetrachloroethene           | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Toluene                     | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | trans-1,2-Dichloroethene    | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | trans-1,3-Dichloropropene   | 1000 ug/mL   |                             |               |
|                      |          |                      |                     |                      | Trichloroethene             | 1000 ug/mL   |                             |               |
| .MSV_M_MIX2SEC_00295 | 05/31/28 | Restek, Lot A0225702 |                     |                      | (Purchased Reagent)         |              | Carbon disulfide            | 1000 ug/mL    |
| .MSV_Q_Ketones_00299 | 04/30/27 | Restek, Lot A0209876 |                     |                      | (Purchased Reagent)         |              | Methyl tert-butyl ether     | 1000 ug/mL    |
|                      |          |                      |                     |                      |                             |              | 2-Butanone (MEK)            | 12500 ug/mL   |
|                      |          |                      |                     |                      |                             |              | 2-Hexanone                  | 12500 ug/mL   |
|                      |          |                      |                     |                      |                             |              | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL   |
|                      |          |                      |                     |                      |                             | Acetone      | 12500 ug/mL                 |               |
| MSV_LCS_VOC#1_00242  | 11/05/25 | 10/06/25             | Methanol, Lot EJ274 | 25 mL                | MSV_M_MIX1SEC_00285         | 1 mL         | 1,1,1,2-Tetrachloroethane   | 40 ug/mL      |
|                      |          |                      |                     |                      |                             |              | 1,1,1-Trichloroethane       | 40 ug/mL      |
|                      |          |                      |                     |                      |                             |              | 1,1,2,2-Tetrachloroethane   | 40 ug/mL      |
|                      |          |                      |                     |                      |                             |              | 1,1,2-Trichloroethane       | 40 ug/mL      |
|                      |          |                      |                     |                      |                             |              | 1,1-Dichloroethane          | 40 ug/mL      |
|                      |          |                      |                     |                      |                             |              | 1,1-Dichloroethene          | 40 ug/mL      |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID           | Exp Date  | Prep Date                   | Dilutant Used | Reagent Final Volume | Parent Reagent            |                           | Analyte                  | Concentration |
|----------------------|-----------|-----------------------------|---------------|----------------------|---------------------------|---------------------------|--------------------------|---------------|
|                      |           |                             |               |                      | Reagent ID                | Volume Added              |                          |               |
|                      |           |                             |               |                      |                           |                           | 1,2-Dibromoethane (EDB)  | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | 1,2-Dichloroethane       | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | 1,2-Dichloropropane      | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Benzene                  | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Bromochloromethane       | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Bromodichloromethane     | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Bromoform                | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Carbon tetrachloride     | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Chlorobenzene            | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Chloroform               | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | cis-1,2-Dichloroethene   | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | cis-1,3-Dichloropropene  | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Dibromochloromethane     | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Ethylbenzene             | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Methylene Chloride       | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Styrene                  | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Tetrachloroethene        | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | Toluene                  | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | trans-1,2-Dichloroethene | 40 ug/mL      |
|                      |           |                             |               |                      | trans-1,3-Dichloropropene | 40 ug/mL                  |                          |               |
|                      |           |                             |               |                      | Trichloroethene           | 40 ug/mL                  |                          |               |
|                      |           |                             |               |                      | MSV_M_MIX2SEC_00296       | 1 mL                      | Carbon disulfide         | 40 ug/mL      |
|                      |           |                             |               |                      | MSV_Q_Ketones_00296       | 1 mL                      | Methyl tert-butyl ether  | 40 ug/mL      |
|                      |           |                             |               |                      |                           |                           | 2-Butanone (MEK)         | 500 ug/mL     |
| 2-Hexanone           | 500 ug/mL |                             |               |                      |                           |                           |                          |               |
|                      |           | 4-Methyl-2-pentanone (MIBK) | 500 ug/mL     |                      |                           |                           |                          |               |
|                      |           | Acetone                     | 500 ug/mL     |                      |                           |                           |                          |               |
| .MSV_M_MIX1SEC_00285 | 12/31/27  | Restek, Lot A0225025        |               |                      | (Purchased Reagent)       | 1,1,1,2-Tetrachloroethane | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | 1,1,1-Trichloroethane     | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | 1,1,2,2-Tetrachloroethane | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | 1,1,2-Trichloroethane     | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | 1,1-Dichloroethane        | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | 1,1-Dichloroethene        | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | 1,2-Dibromoethane (EDB)   | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | 1,2-Dichloroethane        | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | 1,2-Dichloropropane       | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | Benzene                   | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | Bromochloromethane        | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | Bromodichloromethane      | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | Bromoform                 | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | Carbon tetrachloride      | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | Chlorobenzene             | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | Chloroform                | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | cis-1,2-Dichloroethene    | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | cis-1,3-Dichloropropene   | 1000 ug/mL               |               |
|                      |           |                             |               |                      |                           | Dibromochloromethane      | 1000 ug/mL               |               |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID           | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                     | Concentration |
|----------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-----------------------------|---------------|
|                      |          |           |                      |                      | Reagent ID          | Volume Added |                             |               |
|                      |          |           |                      |                      |                     |              | Ethylbenzene                | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Methylene Chloride          | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Styrene                     | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Tetrachloroethene           | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Toluene                     | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene    | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene   | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | Trichloroethene             | 1000 ug/mL    |
| .MSV_M_MIX2SEC_00296 | 05/31/28 |           | Restek, Lot A0225702 |                      | (Purchased Reagent) |              | Carbon disulfide            | 1000 ug/mL    |
| .MSV_Q_Ketones_00296 | 04/30/27 |           | Restek, Lot A0209876 |                      | (Purchased Reagent) |              | Methyl tert-butyl ether     | 1000 ug/mL    |
|                      |          |           |                      |                      |                     |              | 2-Butanone (MEK)            | 12500 ug/mL   |
|                      |          |           |                      |                      |                     |              | 2-Hexanone                  | 12500 ug/mL   |
|                      |          |           |                      |                      |                     |              | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL   |
|                      |          |           |                      |                      |                     |              | Acetone                     | 12500 ug/mL   |
| MSV_LL_#1_826_00171  | 08/06/25 | 07/08/25  | Methanol, Lot EJ274  | 1 mL                 | MSV_CCV_VOC#1_00243 | 50 uL        | 1,1,1,2-Tetrachloroethane   | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1,1-Trichloroethane       | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1,2,2-Tetrachloroethane   | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1,2-Trichloroethane       | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1-Dichloroethane          | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1-Dichloroethene          | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,1-Dichloropropene         | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2,3-Trichlorobenzene      | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2,3-Trichloropropane      | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2,4-Trichlorobenzene      | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2,4-Trimethylbenzene      | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2-Dibromo-3-Chloropropane | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2-Dibromoethane (EDB)     | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2-Dichlorobenzene         | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2-Dichloroethane          | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,2-Dichloropropane         | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,3,5-Trimethylbenzene      | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,3-Dichlorobenzene         | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,3-Dichloropropane         | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 1,4-Dichlorobenzene         | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 2,2-Dichloropropane         | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 2-Chlorotoluene             | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 4-Chlorotoluene             | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 4-Isopropyltoluene          | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Benzene                     | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Bromobenzene                | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Bromochloromethane          | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Bromodichloromethane        | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Bromoform                   | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Carbon tetrachloride        | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Chlorobenzene               | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Chloroform                  | 50 ug/mL      |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID           | Exp Date | Prep Date | Dilutant Used       | Reagent Final Volume | Parent Reagent      |              | Analyte                     | Concentration |
|----------------------|----------|-----------|---------------------|----------------------|---------------------|--------------|-----------------------------|---------------|
|                      |          |           |                     |                      | Reagent ID          | Volume Added |                             |               |
|                      |          |           |                     |                      |                     | 200 uL       | Propionitrile               | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Tert-amyl methyl ether      | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Tert-butyl ethyl ether      | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Tetrahydrofuran             | 250 ug/mL     |
|                      |          |           |                     |                      |                     |              | trans-1,4-Dichloro-2-butene | 500 ug/mL     |
|                      |          |           |                     |                      | MSV_CCV_VOC#3_00245 | 200 uL       | Acrolein                    | 2439.7 ug/mL  |
|                      |          |           |                     |                      |                     |              | 2-Butanone (MEK)            | 500 ug/mL     |
|                      |          |           |                     |                      |                     |              | 2-Hexanone                  | 500 ug/mL     |
|                      |          |           |                     |                      |                     |              | 4-Methyl-2-pentanone (MIBK) | 500 ug/mL     |
|                      |          |           |                     |                      |                     |              | Acetone                     | 500 ug/mL     |
|                      |          |           |                     |                      | MSV_V_VOA2_00297    | 150 uL       | 1,4-Dioxane                 | 2500 ug/mL    |
|                      |          |           |                     |                      |                     |              | 2-Methyl-2-propanol         | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Isobutyl alcohol            | 2500 ug/mL    |
|                      |          |           |                     |                      |                     |              | Methacrylonitrile           | 500 ug/mL     |
|                      |          |           |                     |                      |                     |              | n-Butanol                   | 4375 ug/mL    |
| .MSV_CCV_VOC#1_00243 | 08/06/25 | 07/07/25  | Methanol, Lot EH471 | 5 mL                 | MSV_MegaMIX#1_00240 | 1 mL         | Propionitrile               | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | trans-1,4-Dichloro-2-butene | 500 ug/mL     |
|                      |          |           |                     |                      |                     |              | 1,1,1,2-Tetrachloroethane   | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1,1-Trichloroethane       | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1,2,2-Tetrachloroethane   | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1,2-Trichloroethane       | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1-Dichloroethane          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1-Dichloroethene          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1-Dichloropropene         | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2,3-Trichlorobenzene      | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2,3-Trichloropropane      | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2,4-Trichlorobenzene      | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2,4-Trimethylbenzene      | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2-Dibromo-3-Chloropropane | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2-Dibromoethane (EDB)     | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2-Dichlorobenzene         | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2-Dichloroethane          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2-Dichloropropane         | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,3,5-Trimethylbenzene      | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,3-Dichlorobenzene         | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,3-Dichloropropane         | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,4-Dichlorobenzene         | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 2,2-Dichloropropane         | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 2-Chlorotoluene             | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 4-Chlorotoluene             | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 4-Isopropyltoluene          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Benzene                     | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Bromobenzene                | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Bromochloromethane          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Bromodichloromethane        | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Bromoform                   | 1000 ug/mL    |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent      |              | Analyte                               | Concentration |
|------------|----------|-----------|---------------|----------------------|---------------------|--------------|---------------------------------------|---------------|
|            |          |           |               |                      | Reagent ID          | Volume Added |                                       |               |
|            |          |           |               |                      |                     |              | Carbon tetrachloride                  | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Chlorobenzene                         | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Chloroform                            | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | cis-1,2-Dichloroethene                | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | cis-1,3-Dichloropropene               | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Dibromochloromethane                  | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Dibromomethane                        | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Ethylbenzene                          | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Hexachlorobutadiene                   | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Isopropylbenzene                      | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | m-Xylene & p-Xylene                   | 2000 ug/mL    |
|            |          |           |               |                      |                     |              | Methylene Chloride                    | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | n-Butylbenzene                        | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | N-Propylbenzene                       | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Naphthalene                           | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | o-Xylene                              | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | sec-Butylbenzene                      | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Styrene                               | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | tert-Butylbenzene                     | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Tetrachloroethene                     | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Toluene                               | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | trans-1,2-Dichloroethene              | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | trans-1,3-Dichloropropene             | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Trichloroethene                       | 1000 ug/mL    |
|            |          |           |               |                      | MSV_MegaMix#2_00249 | 1 mL         | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | 1,2,3-Trimethylbenzene                | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | 1,3,5-Trichlorobenzene                | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | 1,4-Dioxane                           | 12500 ug/mL   |
|            |          |           |               |                      |                     |              | 1-Chlorohexane                        | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | 2-Chloro-1,3-butadiene                | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | 2-Methyl-2-propanol                   | 5000 ug/mL    |
|            |          |           |               |                      |                     |              | 2-Nitropropane                        | 5000 ug/mL    |
|            |          |           |               |                      |                     |              | 3-Chloro-1-propene                    | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Acrylonitrile                         | 2500 ug/mL    |
|            |          |           |               |                      |                     |              | Benzyl chloride                       | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Carbon disulfide                      | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Cyclohexane                           | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Ethyl methacrylate                    | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Hexane                                | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Iodomethane                           | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Isobutyl alcohol                      | 12500 ug/mL   |
|            |          |           |               |                      |                     |              | Isopropyl ether                       | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Methacrylonitrile                     | 2500 ug/mL    |
|            |          |           |               |                      |                     |              | Methyl acetate                        | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Methyl methacrylate                   | 1000 ug/mL    |
|            |          |           |               |                      |                     |              | Methyl tert-butyl ether               | 1000 ug/mL    |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID            | Exp Date | Prep Date            | Dilutant Used | Reagent Final Volume | Parent Reagent      |              | Analyte                     | Concentration |
|-----------------------|----------|----------------------|---------------|----------------------|---------------------|--------------|-----------------------------|---------------|
|                       |          |                      |               |                      | Reagent ID          | Volume Added |                             |               |
|                       |          |                      |               |                      |                     |              | Methylcyclohexane           | 1000 ug/mL    |
|                       |          |                      |               |                      |                     |              | n-Butanol                   | 12500 ug/mL   |
|                       |          |                      |               |                      |                     |              | n-Heptane                   | 1000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Propionitrile               | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Tert-amyl methyl ether      | 1000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Tert-butyl ethyl ether      | 1000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Tetrahydrofuran             | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | trans-1,4-Dichloro-2-butene | 2500 ug/mL    |
| ..MSV_MegaMIX#1_00240 | 08/06/25 | Restek, Lot A0211483 |               |                      | (Purchased Reagent) |              | 1,1,1,2-Tetrachloroethane   | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,1,1-Trichloroethane       | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,1,2,2-Tetrachloroethane   | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,1,2-Trichloroethane       | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,1-Dichloroethane          | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,1-Dichloroethene          | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,1-Dichloropropene         | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,2,3-Trichlorobenzene      | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,2,3-Trichloropropane      | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,2,4-Trichlorobenzene      | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,2,4-Trimethylbenzene      | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,2-Dibromo-3-Chloropropane | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,2-Dibromoethane (EDB)     | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,2-Dichlorobenzene         | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,2-Dichloroethane          | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,2-Dichloropropane         | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,3,5-Trimethylbenzene      | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,3-Dichlorobenzene         | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,3-Dichloropropane         | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 1,4-Dichlorobenzene         | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 2,2-Dichloropropane         | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 2-Chlorotoluene             | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 4-Chlorotoluene             | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | 4-Isopropyltoluene          | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Benzene                     | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Bromobenzene                | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Bromochloromethane          | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Bromodichloromethane        | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Bromoform                   | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Carbon tetrachloride        | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Chlorobenzene               | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Chloroform                  | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | cis-1,2-Dichloroethene      | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | cis-1,3-Dichloropropene     | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Dibromochloromethane        | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Dibromomethane              | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Ethylbenzene                | 5000 ug/mL    |
|                       |          |                      |               |                      |                     |              | Hexachlorobutadiene         | 5000 ug/mL    |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID            | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                                   | Concentration |
|-----------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|-------------------------------------------|---------------|
|                       |          |           |                      |                      | Reagent ID          | Volume Added |                                           |               |
|                       |          |           |                      |                      |                     |              | Isopropylbenzene                          | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | m-Xylene & p-Xylene                       | 10000 ug/mL   |
|                       |          |           |                      |                      |                     |              | Methylene Chloride                        | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | n-Butylbenzene                            | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | N-Propylbenzene                           | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Naphthalene                               | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | o-Xylene                                  | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | sec-Butylbenzene                          | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Styrene                                   | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | tert-Butylbenzene                         | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Tetrachloroethene                         | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Toluene                                   | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | trans-1,2-Dichloroethene                  | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | trans-1,3-Dichloropropene                 | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Trichloroethene                           | 5000 ug/mL    |
| ..MSV_MegaMix#2_00249 | 08/06/25 |           | Restek, Lot A0226118 |                      | (Purchased Reagent) |              | 1,1,2-Trichloro-1,2,2-trifluor<br>oethane | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | 1,2,3-Trimethylbenzene                    | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | 1,3,5-Trichlorobenzene                    | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | 1,4-Dioxane                               | 62500 ug/mL   |
|                       |          |           |                      |                      |                     |              | 1-Chlorohexane                            | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | 2-Chloro-1,3-butadiene                    | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | 2-Methyl-2-propanol                       | 25000 ug/mL   |
|                       |          |           |                      |                      |                     |              | 2-Nitropropane                            | 25000 ug/mL   |
|                       |          |           |                      |                      |                     |              | 3-Chloro-1-propene                        | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Acrylonitrile                             | 12500 ug/mL   |
|                       |          |           |                      |                      |                     |              | Benzyl chloride                           | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Carbon disulfide                          | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Cyclohexane                               | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Ethyl methacrylate                        | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Hexane                                    | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Iodomethane                               | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Isobutyl alcohol                          | 62500 ug/mL   |
|                       |          |           |                      |                      |                     |              | Isopropyl ether                           | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Methacrylonitrile                         | 12500 ug/mL   |
|                       |          |           |                      |                      |                     |              | Methyl acetate                            | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Methyl methacrylate                       | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Methyl tert-butyl ether                   | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Methylcyclohexane                         | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | n-Butanol                                 | 62500 ug/mL   |
|                       |          |           |                      |                      |                     |              | n-Heptane                                 | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Propionitrile                             | 25000 ug/mL   |
|                       |          |           |                      |                      |                     |              | Tert-amyl methyl ether                    | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Tert-butyl ethyl ether                    | 5000 ug/mL    |
|                       |          |           |                      |                      |                     |              | Tetrahydrofuran                           | 25000 ug/mL   |
|                       |          |           |                      |                      |                     |              | trans-1,4-Dichloro-2-butene               | 12500 ug/mL   |
| .MSV_CCV_VOC#3_00245  | 08/06/25 | 07/07/25  | Methanol, Lot EH471  | 5 mL                 | MSV_CCV_ACR_00028   | 0.5 mL       | Acrolein                                  | 12198.5 ug/mL |



## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID            | Exp Date | Prep Date                  | Dilutant Used       | Reagent Final Volume | Parent Reagent      |              | Analyte                     | Concentration |
|-----------------------|----------|----------------------------|---------------------|----------------------|---------------------|--------------|-----------------------------|---------------|
|                       |          |                            |                     |                      | Reagent ID          | Volume Added |                             |               |
|                       |          |                            |                     |                      | MSV_V_Ketones_00175 | 1 mL         | 2-Butanone (MEK)            | 2500 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 2-Hexanone                  | 2500 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 4-Methyl-2-pentanone (MIBK) | 2500 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Acetone                     | 2500 ug/mL    |
| ..MSV_CCV_ACR_00028   | 08/18/25 | 06/19/25                   | Methanol, Lot EH471 | 10 mL                | MSV_VACR_STK_00048  | 9.042 mL     | Acrolein                    | 121985 ug/mL  |
| ...MSV_VACR_STK_00048 | 08/18/25 | 06/19/25                   | Methanol, Lot EH471 | 10 mL                | MSV_ACROLEIN_00041  | 1.4522 g     | Acrolein                    | 134909 ug/mL  |
| ...MSV_ACROLEIN_00041 | 08/31/25 | Chem Service, Lot 15604100 |                     |                      | (Purchased Reagent) |              | Acrolein                    | 0.929 g/g     |
| ..MSV_V_Ketones_00175 | 01/31/26 | Restek, Lot A0193494       |                     |                      | (Purchased Reagent) |              | 2-Butanone (MEK)            | 12500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | 2-Hexanone                  | 12500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | Acetone                     | 12500 ug/mL   |
| .MSV_V_VOA2_00297     | 08/06/25 | 07/07/25                   | Methanol, Lot EH471 | 5 mL                 | MSV_V#2B_00437      | 1 mL         | 1,4-Dioxane                 | 12500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | 2-Methyl-2-propanol         | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Isobutyl alcohol            | 12500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | Methacrylonitrile           | 2500 ug/mL    |
|                       |          |                            |                     |                      |                     |              | n-Butanol                   | 25000 ug/mL   |
|                       |          |                            |                     |                      |                     |              | Propionitrile               | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | trans-1,4-Dichloro-2-butene | 2500 ug/mL    |
| ..MSV_V#2B_00437      | 05/31/26 | Restek, Lot A0211456       |                     |                      | (Purchased Reagent) |              | 1,4-Dioxane                 | 62500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | 2-Methyl-2-propanol         | 25000 ug/mL   |
|                       |          |                            |                     |                      |                     |              | Isobutyl alcohol            | 62500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | Methacrylonitrile           | 12500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | n-Butanol                   | 125000 ug/mL  |
|                       |          |                            |                     |                      |                     |              | Propionitrile               | 25000 ug/mL   |
|                       |          |                            |                     |                      |                     |              | trans-1,4-Dichloro-2-butene | 12500 ug/mL   |
| MSV_LL_#1_826_00177   | 10/15/25 | 09/16/25                   | Methanol, Lot EJ274 | 1 mL                 | MSV_CCV_VOC#1_00253 | 50 uL        | 1,1,1,2-Tetrachloroethane   | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | 1,1,1-Trichloroethane       | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | 1,1,2,2-Tetrachloroethane   | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | 1,1,2-Trichloroethane       | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | 1,1-Dichloroethane          | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | 1,1-Dichloroethene          | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | 1,2-Dibromoethane (EDB)     | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | 1,2-Dichloroethane          | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | 1,2-Dichloropropane         | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Benzene                     | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Bromochloromethane          | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Bromodichloromethane        | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Bromoform                   | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Carbon tetrachloride        | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Chlorobenzene               | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Chloroform                  | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | cis-1,2-Dichloroethene      | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | cis-1,3-Dichloropropene     | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Dibromochloromethane        | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Ethylbenzene                | 50 ug/mL      |
|                       |          |                            |                     |                      |                     |              | Methylene Chloride          | 50 ug/mL      |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID                | Exp Date   | Prep Date | Dilutant Used       | Reagent Final Volume | Parent Reagent              |              | Analyte                   | Concentration        |  |                     |  |                           |            |
|---------------------------|------------|-----------|---------------------|----------------------|-----------------------------|--------------|---------------------------|----------------------|--|---------------------|--|---------------------------|------------|
|                           |            |           |                     |                      | Reagent ID                  | Volume Added |                           |                      |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Styrene                   | 50 ug/mL             |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Tetrachloroethene         | 50 ug/mL             |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Toluene                   | 50 ug/mL             |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | trans-1,2-Dichloroethene  | 50 ug/mL             |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | trans-1,3-Dichloropropene | 50 ug/mL             |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Trichloroethene           | 50 ug/mL             |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Carbon disulfide          | 50 ug/mL             |  |                     |  |                           |            |
|                           |            |           |                     |                      | Methyl tert-butyl ether     | 50 ug/mL     |                           |                      |  |                     |  |                           |            |
|                           |            |           |                     |                      | MSV_CCV_VOC#3_00255         | 200 uL       | 2-Butanone (MEK)          | 500 ug/mL            |  |                     |  |                           |            |
|                           |            |           |                     |                      | 2-Hexanone                  | 500 ug/mL    |                           |                      |  |                     |  |                           |            |
|                           |            |           |                     |                      | 4-Methyl-2-pentanone (MIBK) | 500 ug/mL    |                           |                      |  |                     |  |                           |            |
| Acetone                   | 500 ug/mL  |           |                     |                      |                             |              |                           |                      |  |                     |  |                           |            |
| .MSV_CCV_VOC#1_00253      | 10/15/25   | 09/15/25  | Methanol, Lot EJ274 | 5 mL                 | MSV_MegaMIX#1_00250         | 1 mL         | 1,1,1,2-Tetrachloroethane | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | 1,1,1-Trichloroethane     | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | 1,1,2,2-Tetrachloroethane | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | 1,1,2-Trichloroethane     | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | 1,1-Dichloroethane        | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | 1,1-Dichloroethene        | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | 1,2-Dibromoethane (EDB)   | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | 1,2-Dichloroethane        | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | 1,2-Dichloropropane       | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Benzene                   | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Bromochloromethane        | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Bromodichloromethane      | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Bromoform                 | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Carbon tetrachloride      | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Chlorobenzene             | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Chloroform                | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | cis-1,2-Dichloroethene    | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | cis-1,3-Dichloropropene   | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Dibromochloromethane      | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Ethylbenzene              | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Methylene Chloride        | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Styrene                   | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Tetrachloroethene         | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Toluene                   | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | trans-1,2-Dichloroethene  | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | trans-1,3-Dichloropropene | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      |                             |              | Trichloroethene           | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      | MSV_MegaMix#2_00256         | 1 mL         | Carbon disulfide          | 1000 ug/mL           |  |                     |  |                           |            |
|                           |            |           |                     |                      | Methyl tert-butyl ether     | 1000 ug/mL   |                           |                      |  |                     |  |                           |            |
|                           |            |           |                     |                      | ..MSV_MegaMIX#1_00250       | 10/15/25     |                           | Restek, Lot A0224890 |  | (Purchased Reagent) |  | 1,1,1,2-Tetrachloroethane | 5000 ug/mL |
|                           |            |           |                     |                      |                             |              |                           |                      |  |                     |  | 1,1,1-Trichloroethane     | 5000 ug/mL |
| 1,1,2,2-Tetrachloroethane | 5000 ug/mL |           |                     |                      |                             |              |                           |                      |  |                     |  |                           |            |
| 1,1,2-Trichloroethane     | 5000 ug/mL |           |                     |                      |                             |              |                           |                      |  |                     |  |                           |            |
| 1,1-Dichloroethane        | 5000 ug/mL |           |                     |                      |                             |              |                           |                      |  |                     |  |                           |            |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID                | Exp Date   | Prep Date            | Dilutant Used       | Reagent Final Volume | Parent Reagent      |                         | Analyte                     | Concentration |
|---------------------------|------------|----------------------|---------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------|
|                           |            |                      |                     |                      | Reagent ID          | Volume Added            |                             |               |
|                           |            |                      |                     |                      |                     |                         | 1,1-Dichloroethene          | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | 1,2-Dibromoethane (EDB)     | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | 1,2-Dichloroethane          | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | 1,2-Dichloropropane         | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Benzene                     | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Bromochloromethane          | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Bromodichloromethane        | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Bromoform                   | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Carbon tetrachloride        | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Chlorobenzene               | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Chloroform                  | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | cis-1,2-Dichloroethene      | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | cis-1,3-Dichloropropene     | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Dibromochloromethane        | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Ethylbenzene                | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Methylene Chloride          | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Styrene                     | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Tetrachloroethene           | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Toluene                     | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | trans-1,2-Dichloroethene    | 5000 ug/mL    |
| trans-1,3-Dichloropropene | 5000 ug/mL |                      |                     |                      |                     |                         |                             |               |
| Trichloroethene           | 5000 ug/mL |                      |                     |                      |                     |                         |                             |               |
| ..MSV_MegaMix#2_00256     | 10/15/25   | Restek, Lot A0226118 |                     |                      | (Purchased Reagent) |                         | Carbon disulfide            | 5000 ug/mL    |
|                           |            |                      |                     |                      |                     | Methyl tert-butyl ether | 5000 ug/mL                  |               |
| .MSV_CCV_VOC#3_00255      | 10/15/25   | 09/15/25             | Methanol, Lot EJ274 | 5 mL                 | MSV_V_Ketones_00246 | 1 mL                    | 2-Butanone (MEK)            | 2500 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | 2-Hexanone                  | 2500 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | 4-Methyl-2-pentanone (MIBK) | 2500 ug/mL    |
|                           |            |                      |                     |                      |                     |                         | Acetone                     | 2500 ug/mL    |
| ..MSV_V_Ketones_00246     | 02/28/28   | Restek, Lot A0222253 |                     |                      | (Purchased Reagent) |                         | 2-Butanone (MEK)            | 12500 ug/mL   |
|                           |            |                      |                     |                      |                     |                         | 2-Hexanone                  | 12500 ug/mL   |
|                           |            |                      |                     |                      |                     |                         | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL   |
|                           |            |                      |                     |                      |                     |                         | Acetone                     | 12500 ug/mL   |
| MSV_LL_#1_826_00179       | 10/25/25   | 10/01/25             | Methanol, Lot EJ274 | 1 mL                 | MSV_CCV_VOC#1_00255 | 50 uL                   | 1,1,1,2-Tetrachloroethane   | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | 1,1,1-Trichloroethane       | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | 1,1,2,2-Tetrachloroethane   | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | 1,1,2-Trichloroethane       | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | 1,1-Dichloroethane          | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | 1,1-Dichloroethene          | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | 1,2-Dibromoethane (EDB)     | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | 1,2-Dichloroethane          | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | 1,2-Dichloropropane         | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | Benzene                     | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | Bromochloromethane          | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | Bromodichloromethane        | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | Bromoform                   | 50 ug/mL      |
|                           |            |                      |                     |                      |                     |                         | Carbon tetrachloride        | 50 ug/mL      |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID           | Exp Date | Prep Date | Dilutant Used       | Reagent Final Volume | Parent Reagent      |              | Analyte                     | Concentration |
|----------------------|----------|-----------|---------------------|----------------------|---------------------|--------------|-----------------------------|---------------|
|                      |          |           |                     |                      | Reagent ID          | Volume Added |                             |               |
|                      |          |           |                     |                      |                     |              | Chlorobenzene               | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Chloroform                  | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | cis-1,2-Dichloroethene      | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | cis-1,3-Dichloropropene     | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Dibromochloromethane        | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Ethylbenzene                | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Methylene Chloride          | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Styrene                     | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Tetrachloroethene           | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Toluene                     | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | trans-1,2-Dichloroethene    | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | trans-1,3-Dichloropropene   | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Trichloroethene             | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Carbon disulfide            | 50 ug/mL      |
|                      |          |           |                     |                      |                     |              | Methyl tert-butyl ether     | 50 ug/mL      |
| .MSV_CCV_VOC#1_00255 | 10/29/25 | 09/29/25  | Methanol, Lot EJ274 | 5 mL                 | MSV_CCV_VOC#3_00257 | 200 uL       | 2-Butanone (MEK)            | 500 ug/mL     |
|                      |          |           |                     |                      |                     |              | 2-Hexanone                  | 500 ug/mL     |
|                      |          |           |                     |                      |                     |              | 4-Methyl-2-pentanone (MIBK) | 500 ug/mL     |
|                      |          |           |                     |                      |                     |              | Acetone                     | 500 ug/mL     |
|                      |          |           |                     |                      | MSV_MegaMIX#1_00254 | 1 mL         | 1,1,1,2-Tetrachloroethane   | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1,1-Trichloroethane       | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1,2,2-Tetrachloroethane   | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1,2-Trichloroethane       | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1-Dichloroethane          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,1-Dichloroethene          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2-Dibromoethane (EDB)     | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2-Dichloroethane          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | 1,2-Dichloropropane         | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Benzene                     | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Bromochloromethane          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Bromodichloromethane        | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Bromoform                   | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Carbon tetrachloride        | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Chlorobenzene               | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Chloroform                  | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | cis-1,2-Dichloroethene      | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | cis-1,3-Dichloropropene     | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Dibromochloromethane        | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Ethylbenzene                | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Methylene Chloride          | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Styrene                     | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Tetrachloroethene           | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Toluene                     | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | trans-1,2-Dichloroethene    | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | trans-1,3-Dichloropropene   | 1000 ug/mL    |
|                      |          |           |                     |                      |                     |              | Trichloroethene             | 1000 ug/mL    |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID            | Exp Date | Prep Date                  | Dilutant Used       | Reagent Final Volume | Parent Reagent      |              | Analyte                     | Concentration |
|-----------------------|----------|----------------------------|---------------------|----------------------|---------------------|--------------|-----------------------------|---------------|
|                       |          |                            |                     |                      | Reagent ID          | Volume Added |                             |               |
|                       |          |                            |                     |                      | MSV_MegaMix#2_00259 | 1 mL         | Carbon disulfide            | 1000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Methyl tert-butyl ether     | 1000 ug/mL    |
| ..MSV_MegaMix#1_00254 | 10/29/25 | Restek, Lot A0224890       |                     |                      | (Purchased Reagent) |              | 1,1,1,2-Tetrachloroethane   | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 1,1,1-Trichloroethane       | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 1,1,2,2-Tetrachloroethane   | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 1,1,2-Trichloroethane       | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 1,1-Dichloroethane          | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 1,1-Dichloroethene          | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 1,2-Dibromoethane (EDB)     | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 1,2-Dichloroethane          | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 1,2-Dichloropropane         | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Benzene                     | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Bromochloromethane          | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Bromodichloromethane        | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Bromoform                   | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Carbon tetrachloride        | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Chlorobenzene               | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Chloroform                  | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | cis-1,2-Dichloroethene      | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | cis-1,3-Dichloropropene     | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Dibromochloromethane        | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Ethylbenzene                | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Methylene Chloride          | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Styrene                     | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Tetrachloroethene           | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Toluene                     | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | trans-1,2-Dichloroethene    | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | trans-1,3-Dichloropropene   | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Trichloroethene             | 5000 ug/mL    |
| ..MSV_MegaMix#2_00259 | 10/29/25 | Restek, Lot A0226118       |                     |                      | (Purchased Reagent) |              | Carbon disulfide            | 5000 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Methyl tert-butyl ether     | 5000 ug/mL    |
| ..MSV_CCV_VOC#3_00257 | 10/25/25 | 09/29/25                   | Methanol, Lot EJ274 | 5 mL                 | MSV_V_Ketones_00248 | 1 mL         | 2-Butanone (MEK)            | 2500 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 2-Hexanone                  | 2500 ug/mL    |
|                       |          |                            |                     |                      |                     |              | 4-Methyl-2-pentanone (MIBK) | 2500 ug/mL    |
|                       |          |                            |                     |                      |                     |              | Acetone                     | 2500 ug/mL    |
| ..MSV_V_Ketones_00248 | 02/28/28 | Restek, Lot A0222253       |                     |                      | (Purchased Reagent) |              | 2-Butanone (MEK)            | 12500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | 2-Hexanone                  | 12500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL   |
|                       |          |                            |                     |                      |                     |              | Acetone                     | 12500 ug/mL   |
| MSV_LL_#2_826_00185   | 07/23/25 | 07/08/25                   | Methanol, Lot EJ274 | 1 mL                 | CCV_ETBR_00009      | 50 uL        | Ethyl bromide               | 49.9488 ug/mL |
|                       |          |                            |                     |                      | MSV_BCE_00081       | 25 uL        | 1-Bromo-2-chloroethane      | 50 ug/mL      |
|                       |          |                            |                     |                      | MSV_CCV_EE_00009    | 50 uL        | Ethyl ether                 | 50.0166 ug/mL |
|                       |          |                            |                     |                      | MSV_V_PentaCL_00053 | 10 uL        | Pentachloroethane           | 50 ug/mL      |
| ..CCV_ETBR_00009      | 11/06/25 | 05/06/25                   | Methanol, Lot EH471 | 10 mL                | MSV_VETBR_STK_00018 | 0.344 mL     | Ethyl bromide               | 998.976 ug/mL |
| ..MSV_VETBR_STK_00018 | 11/06/25 | 05/06/25                   | Methanol, Lot EH471 | 10 mL                | MSV_EtBr_00012      | 0.2904 g     | Ethyl bromide               | 29040 ug/mL   |
| ...MSV_EtBr_00012     | 10/31/27 | Chem Service, Lot 15732400 |                     |                      | (Purchased Reagent) |              | Ethyl bromide               | 1 g/g         |

## REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID            | Exp Date | Prep Date | Dilutant Used              | Reagent Final Volume | Parent Reagent      |              | Analyte                            | Concentration |
|-----------------------|----------|-----------|----------------------------|----------------------|---------------------|--------------|------------------------------------|---------------|
|                       |          |           |                            |                      | Reagent ID          | Volume Added |                                    |               |
| .MSV BCE_00081        | 07/30/25 |           | Restek, Lot A0201612       |                      | (Purchased Reagent) |              | 1-Bromo-2-chloroethane             | 2000 ug/mL    |
| .MSV_CCV_EE_00009     | 11/03/25 | 05/03/25  | Methanol, Lot EH471        | 50 mL                | MSV_EE_MISCSK_00016 | 1.502 mL     | Ethyl ether                        | 1000.33 ug/mL |
| ..MSV_EE_MISCSK_00016 | 11/03/25 | 05/03/25  | Methanol, Lot EH471        | 10 mL                | MSV_EE_Neat_00013   | 0.333 g      | Ethyl ether                        | 33300 ug/mL   |
| ...MSV_EE_Neat_00013  | 06/30/27 |           | Chem Service, Lot 15507600 |                      | (Purchased Reagent) |              | Ethyl ether                        | 1 g/g         |
| .MSV_V_PentaCL_00053  | 07/23/25 |           | Restek, Lot A0197490       |                      | (Purchased Reagent) |              | Pentachloroethane                  | 5000 ug/mL    |
| MSV_LL_GAS826_00279   | 07/14/25 | 07/07/25  | Methanol, Lot EJ274        | 1 mL                 | MSV_CCV_GASES_01070 | 25 uL        | 1,2-Dichloro-1,1,2-trifluoroethane | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Bromomethane                       | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Butadiene                          | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Chloroethane                       | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Chloromethane                      | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Dichlorodifluoromethane            | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Dichlorofluoromethane              | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Trichlorofluoromethane             | 50 ug/mL      |
| .MSV_CCV_GASES_01070  | 07/14/25 |           | Restek, Lot A0212054       |                      | (Purchased Reagent) |              | Vinyl chloride                     | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Bromomethane                       | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Butadiene                          | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloroethane                       | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloromethane                      | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Dichlorodifluoromethane            | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Dichlorofluoromethane              | 2000 ug/mL    |
| MSV_LL_GAS826_00291   | 10/06/25 | 09/29/25  | Methanol, Lot EJ274        | 1 mL                 | MSV_CCV_GASES_01138 | 25 uL        | Trichlorofluoromethane             | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                     | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Bromomethane                       | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Chloroethane                       | 50 ug/mL      |
| .MSV_CCV_GASES_01138  | 10/06/25 |           | Restek, Lot A0225685       |                      | (Purchased Reagent) |              | Chloromethane                      | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                     | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Bromomethane                       | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloroethane                       | 2000 ug/mL    |
| MSV_LL_GAS826_00292   | 10/13/25 | 10/06/25  | Methanol, Lot EJ274        | 1 mL                 | MSV_CCV_GASES_01142 | 25 uL        | Chloromethane                      | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                     | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloroethane                       | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Bromomethane                       | 50 ug/mL      |
| .MSV_CCV_GASES_01142  | 10/13/25 |           | Restek, Lot A0225685       |                      | (Purchased Reagent) |              | Chloromethane                      | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                     | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloroethane                       | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Bromomethane                       | 2000 ug/mL    |
| MSV_LLcentISS_00016   | 09/12/25 | 03/12/25  | Methanol, Lot EJ274        | 50 mL                | MSV_8260_SS_01410   | 1 mL         | 1,2-Dichloroethane-d4 (Surr)       | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | 4-Bromofluorobenzene (Surr)        | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Dibromofluoromethane (Surr)        | 50 ug/mL      |
|                       |          |           |                            |                      |                     |              | Toluene-d8 (Surr)                  | 50 ug/mL      |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID           | Exp Date | Prep Date | Dilutant Used        | Reagent Final Volume | Parent Reagent      |              | Analyte                      | Concentration |
|----------------------|----------|-----------|----------------------|----------------------|---------------------|--------------|------------------------------|---------------|
|                      |          |           |                      |                      | Reagent ID          | Volume Added |                              |               |
|                      |          |           |                      |                      | MSV_Cus826_IS_00674 | 1 mL         | 1,4-Dichlorobenzene-d4       | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Chlorobenzene-d5 (IS)        | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Fluorobenzene (IS)           | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | t-Butyl alcohol-d10 (IS)     | 250 ug/mL     |
| .MSV_8260_SS_01410   | 09/30/29 |           | Restek, Lot A0216253 |                      | (Purchased Reagent) |              | 1,2-Dichloroethane-d4 (Surr) | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | 4-Bromofluorobenzene (Surr)  | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Dibromofluoromethane (Surr)  | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Toluene-d8 (Surr)            | 2500 ug/mL    |
| .MSV_Cus826_IS_00674 | 10/31/26 |           | Restek, Lot A0203141 |                      | (Purchased Reagent) |              | 1,4-Dichlorobenzene-d4       | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Chlorobenzene-d5 (IS)        | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Fluorobenzene (IS)           | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | t-Butyl alcohol-d10 (IS)     | 12500 ug/mL   |
| MSV_LLcentISS_00017  | 11/22/25 | 05/22/25  | Methanol, Lot EJ274  | 50 mL                | MSV_Cus826_IS_00739 | 1 mL         | 1,4-Dichlorobenzene-d4       | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Chlorobenzene-d5 (IS)        | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Fluorobenzene (IS)           | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | t-Butyl alcohol-d10 (IS)     | 250 ug/mL     |
| .MSV_Cus826_IS_00739 | 10/31/26 |           | Restek, Lot A0203141 |                      | (Purchased Reagent) |              | 1,4-Dichlorobenzene-d4       | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Chlorobenzene-d5 (IS)        | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Fluorobenzene (IS)           | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | t-Butyl alcohol-d10 (IS)     | 12500 ug/mL   |
| MSV_LLcentISS_00017  | 11/22/25 | 05/22/25  | Methanol, Lot EJ274  | 50 mL                | MSV_8260_SS_01455   | 1 mL         | 1,2-Dichloroethane-d4 (Surr) | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 4-Bromofluorobenzene (Surr)  | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Dibromofluoromethane (Surr)  | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Toluene-d8 (Surr)            | 50 ug/mL      |
| .MSV_8260_SS_01455   | 10/31/29 |           | Restek, Lot A0217887 |                      | (Purchased Reagent) |              | 1,2-Dichloroethane-d4 (Surr) | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | 4-Bromofluorobenzene (Surr)  | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Dibromofluoromethane (Surr)  | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Toluene-d8 (Surr)            | 2500 ug/mL    |
| MSV_LLcentISS_00018  | 02/18/26 | 08/18/25  | Methanol, Lot EJ274  | 50 mL                | MSV_Cus826_IS_00829 | 1 mL         | 1,4-Dichlorobenzene-d4       | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Chlorobenzene-d5 (IS)        | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Fluorobenzene (IS)           | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | t-Butyl alcohol-d10 (IS)     | 250 ug/mL     |
| .MSV_Cus826_IS_00829 | 05/31/27 |           | Restek, Lot A0211699 |                      | (Purchased Reagent) |              | 1,4-Dichlorobenzene-d4       | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Chlorobenzene-d5 (IS)        | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Fluorobenzene (IS)           | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | t-Butyl alcohol-d10 (IS)     | 12500 ug/mL   |
| MSV_LLcentISS_00018  | 02/18/26 | 08/18/25  | Methanol, Lot EJ274  | 50 mL                | MSV_8260_SS_01503   | 1 mL         | 1,2-Dichloroethane-d4 (Surr) | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | 4-Bromofluorobenzene (Surr)  | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Dibromofluoromethane (Surr)  | 50 ug/mL      |
|                      |          |           |                      |                      |                     |              | Toluene-d8 (Surr)            | 50 ug/mL      |
| .MSV_8260_SS_01503   | 01/31/30 |           | Restek, Lot A0221454 |                      | (Purchased Reagent) |              | 1,2-Dichloroethane-d4 (Surr) | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | 4-Bromofluorobenzene (Surr)  | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Dibromofluoromethane (Surr)  | 2500 ug/mL    |
|                      |          |           |                      |                      |                     |              | Toluene-d8 (Surr)            | 2500 ug/mL    |
| MSV_QC_Gas826_00268  | 07/14/25 | 07/07/25  | Methanol, Lot EJ274  | 1 mL                 | MSV_QC_2K_GAS_00310 | 20 uL        | Bromomethane                 | 40 ug/mL      |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

| Reagent ID            | Exp Date | Prep Date | Dilutant Used              | Reagent Final Volume | Parent Reagent      |              | Analyte                         | Concentration |
|-----------------------|----------|-----------|----------------------------|----------------------|---------------------|--------------|---------------------------------|---------------|
|                       |          |           |                            |                      | Reagent ID          | Volume Added |                                 |               |
|                       |          |           |                            |                      |                     |              | Chloroethane                    | 40 ug/mL      |
|                       |          |           |                            |                      |                     |              | Chloromethane                   | 40 ug/mL      |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                  | 40 ug/mL      |
| .MSV_QC_2K_GAS_00310  | 07/14/25 |           | Restek, Lot A0211460       |                      | (Purchased Reagent) |              | Bromomethane                    | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloroethane                    | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloromethane                   | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                  | 2000 ug/mL    |
| MSV_QC_Gas826_00281   | 10/06/25 | 09/29/25  | Methanol, Lot EJ274        | 1 mL                 | MSV_QC_2K_GAS_00318 | 20 uL        | Bromomethane                    | 40 ug/mL      |
|                       |          |           |                            |                      |                     |              | Chloroethane                    | 40 ug/mL      |
|                       |          |           |                            |                      |                     |              | Chloromethane                   | 40 ug/mL      |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                  | 40 ug/mL      |
| .MSV_QC_2K_GAS_00318  | 10/06/25 |           | Restek, Lot A0225328       |                      | (Purchased Reagent) |              | Bromomethane                    | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloroethane                    | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloromethane                   | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                  | 2000 ug/mL    |
| MSV_QC_Gas826_00282   | 10/13/25 | 10/06/25  | Methanol, Lot EJ274        | 1 mL                 | MSV_QC_2K_GAS_00325 | 20 uL        | Bromomethane                    | 40 ug/mL      |
|                       |          |           |                            |                      |                     |              | Chloroethane                    | 40 ug/mL      |
|                       |          |           |                            |                      |                     |              | Chloromethane                   | 40 ug/mL      |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                  | 40 ug/mL      |
| .MSV_QC_2K_GAS_00325  | 10/13/25 |           | Restek, Lot A0225328       |                      | (Purchased Reagent) |              | Bromomethane                    | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloroethane                    | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Chloromethane                   | 2000 ug/mL    |
|                       |          |           |                            |                      |                     |              | Vinyl chloride                  | 2000 ug/mL    |
| MSV_V_BFB_00019       |          |           |                            |                      |                     |              | 1,2-Dichloroethene, Total       |               |
|                       |          |           |                            |                      |                     |              | 1,3-Dichloropropene, Total      |               |
|                       |          |           |                            |                      |                     |              | Tentatively Identified Compound |               |
|                       |          |           |                            |                      |                     |              | Xylenes, Total                  |               |
| .MSV_VBFB_STK_00014   | 11/22/25 | 05/22/25  | Methanol, Lot EH471        | 10 mL                | MSV_VBFB_STK_00014  | 0.246 mL     | BFB                             | 49.9183 ug/mL |
| ..MSV_4BFB_NEAT_00013 | 06/30/29 |           | Chem Service, Lot 16054300 |                      | MSV_4BFB_NEAT_00013 | 0.5073 g     | BFB                             | 50730 ug/mL   |
|                       |          |           |                            |                      | (Purchased Reagent) |              | BFB                             | 1 g/g         |



Reagent

---

**MSV\_8260\_SS\_01410**



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

**Ship:** Ambient

### CERTIFIED VALUES

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

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

hydrogen-constant pressure 11.0 psi.

**Temp. Program:**

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

**Inj. Temp:**

200°C

**Det. Temp:**

250°C

**Det. Type:**

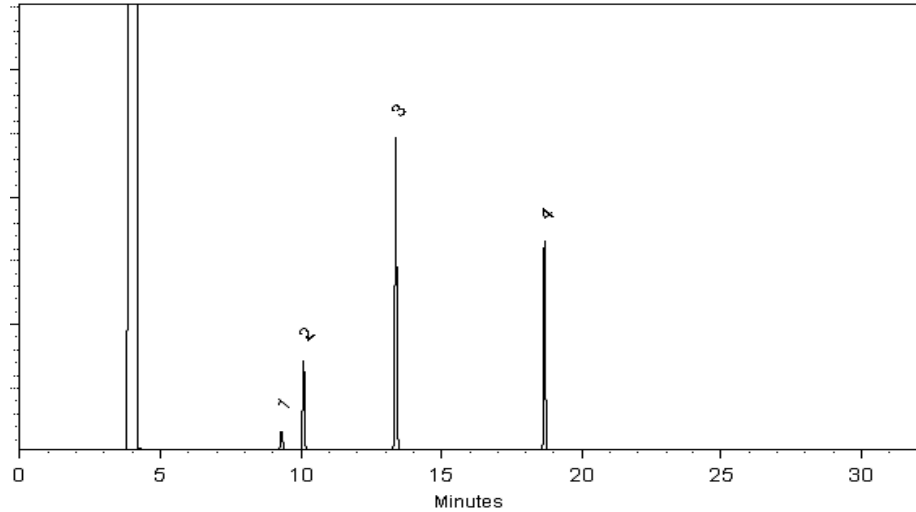
FID

**Split Vent:**

40 ml/min

**Inj. Vol**

1µl



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

Scott McNeil - Operations Tech I

Date Mixed: 09-Sep-2024

Balance Serial # 1127510105

Brittany Federinko - Operations Tech I

Date Passed: 12-Sep-2024

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

## General Certified Reference Material Notes

### Expiration Notes:

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

### Purity Notes:

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

### Certified Uncertainty Value Notes:

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

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

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

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

### Manufacturing Notes:

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

### Handling Notes:

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

Reagent

---

**MSV\_8260\_SS\_01455**



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

**Ship:** Ambient

### CERTIFIED VALUES

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

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

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

# Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

hydrogen-constant pressure 11.0 psi.

**Temp. Program:**

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

**Inj. Temp:**

200°C

**Det. Temp:**

250°C

**Det. Type:**

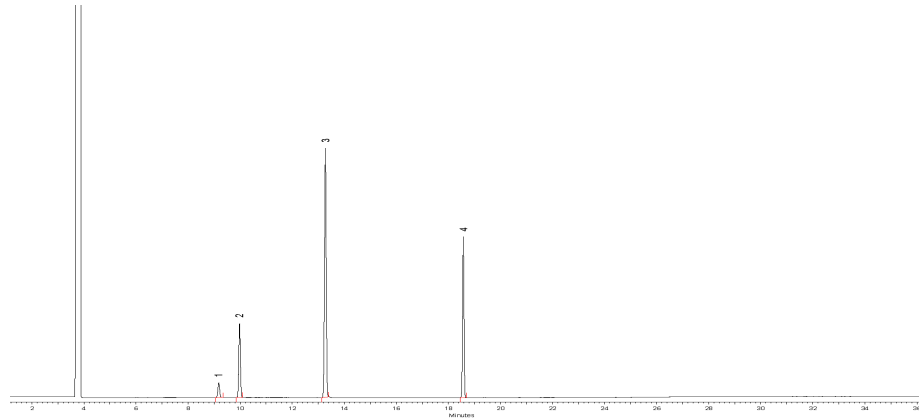
FID

**Split Vent:**

40 ml/min

**Inj. Vol**

1µl



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

  
Richard Zimmerman - Operations Tech I

Date Mixed: 15-Oct-2024

Balance Serial # B251644995

  
John Lidgett - AD Chemist

Date Passed: 23-Oct-2024

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

## General Certified Reference Material Notes

### Expiration Notes:

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

### Purity Notes:

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

### Certified Uncertainty Value Notes:

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

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

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

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

### Manufacturing Notes:

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

### Handling Notes:

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



Reagent

---

**MSV\_BCE\_00081**



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 30469 **Lot No.:** A0201612  
**Description :** 1-Bromo-2-chloroethane Standard  
1-Bromo-2-Chloroethane Std, 2000µg/mL, P&T Methanol, 1mL/ampul  
**Container Size :** 2 mL **Pkg Amt:** > 1 mL  
**Expiration Date :** August 31, 2028 **Storage:** 0°C or colder  
**Ship:** Ambient

### CERTIFIED VALUES

| Elution Order | Compound               | CAS #    | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------|----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 1-Bromo-2-chloroethane | 107-04-0 | BCCC1146 | 99%    | 2,004.0 µg/mL               | +/- 112.6024                           |

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

hydrogen-constant pressure 11.0 psi.

**Temp. Program:**

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

**Inj. Temp:**

200°C

**Det. Temp:**

250°C

**Det. Type:**

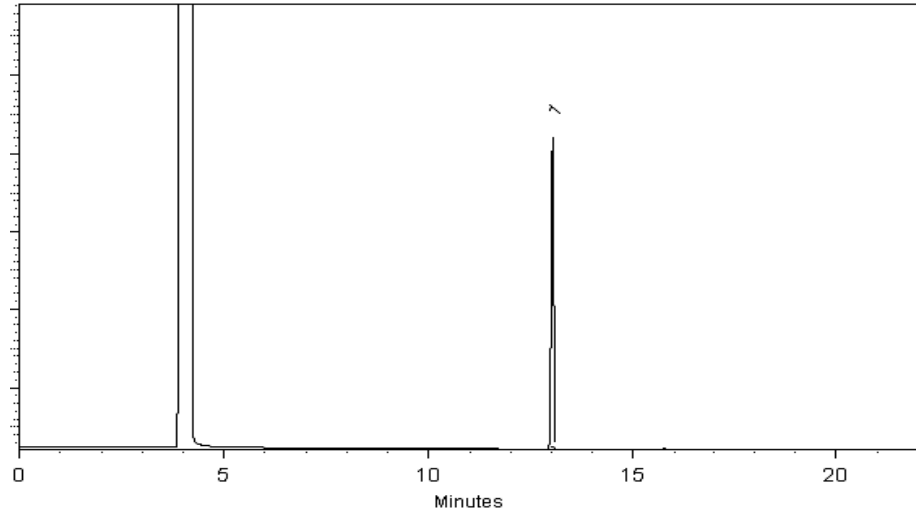
FID

**Split Vent:**

40 ml/min

**Inj. Vol**

1µl



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

Morgan Craighead - Mix Technician

Date Mixed: 31-Aug-2023

Balance Serial # 1128342314

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Sep-2023

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

## General Certified Reference Material Notes

### Expiration Notes:

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

### Purity Notes:

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

### Certified Uncertainty Value Notes:

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

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

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

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

### Manufacturing Notes:

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

### Handling Notes:

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

Reagent

---

**MSV\_Cus826\_IS\_00674**



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

**Ship:** Ambient

### CERTIFIED VALUES

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

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

hydrogen-constant pressure 11.0 psi.

**Temp. Program:**

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

**Inj. Temp:**

200°C

**Det. Temp:**

250°C

**Det. Type:**

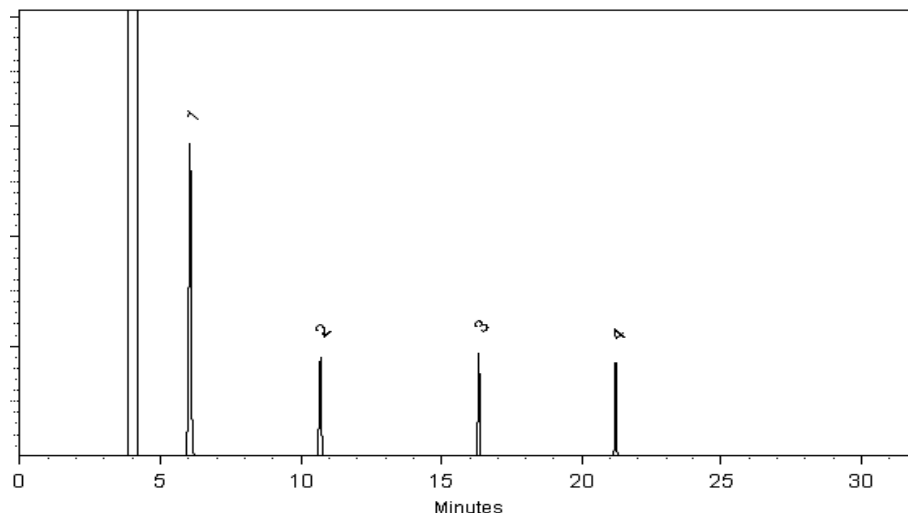
FID

**Split Vent:**

40 ml/min

**Inj. Vol**

1µl



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

  
Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023

Balance Serial # B707717271

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

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

## General Certified Reference Material Notes

### Expiration Notes:

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

### Purity Notes:

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

### Certified Uncertainty Value Notes:

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

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

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

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

### Manufacturing Notes:

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

### Handling Notes:

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



Reagent

---

**MSV\_Cus826\_IS\_00739**



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

**Ship:** Ambient

## CERTIFIED VALUES

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

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

hydrogen-constant pressure 11.0 psi.

**Temp. Program:**

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

**Inj. Temp:**

200°C

**Det. Temp:**

250°C

**Det. Type:**

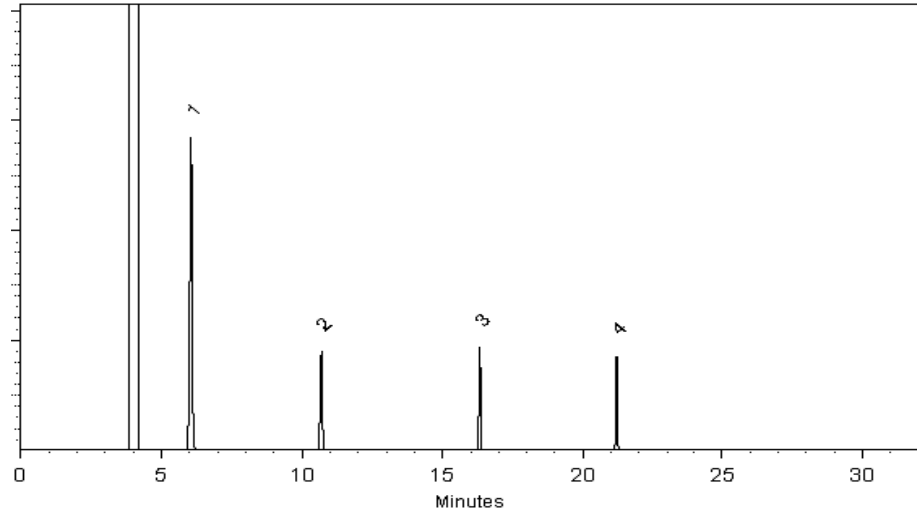
FID

**Split Vent:**

40 ml/min

**Inj. Vol**

1µl



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

  
Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023

Balance Serial # B707717271

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

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

## General Certified Reference Material Notes

### Expiration Notes:

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

### Purity Notes:

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

### Certified Uncertainty Value Notes:

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

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

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

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

### Manufacturing Notes:

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

### Handling Notes:

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

Reagent

---

**MSV\_Cus826\_IS\_00829**



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

**Ship:** Ambient

### CERTIFIED VALUES

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

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

hydrogen-constant pressure 11.0 psi.

**Temp. Program:**

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

**Inj. Temp:**

200°C

**Det. Temp:**

250°C

**Det. Type:**

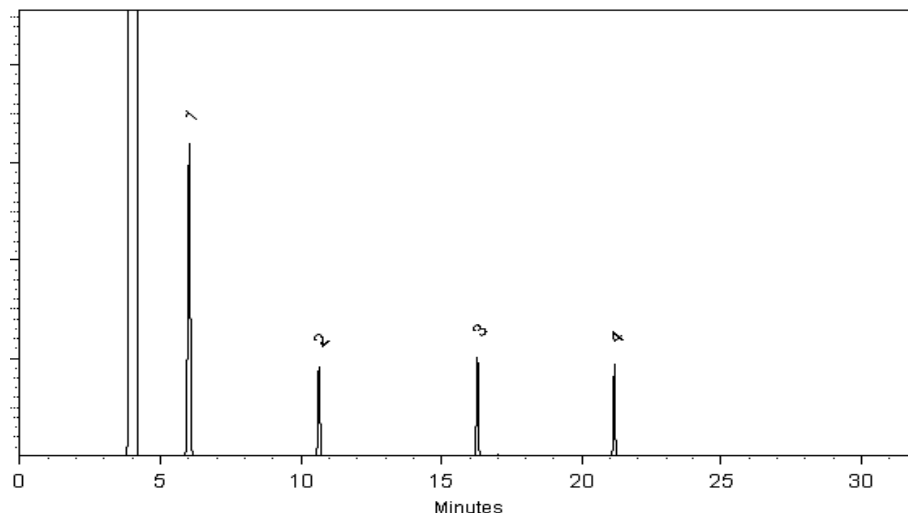
FID

**Split Vent:**

40 ml/min

**Inj. Vol**

1µl



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

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

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

## General Certified Reference Material Notes

### Expiration Notes:

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

### Purity Notes:

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

### Certified Uncertainty Value Notes:

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

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

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

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

### Manufacturing Notes:

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

### Handling Notes:

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



Reagent

---

**MSV\_QC\_2K\_GAS\_00310**



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

**Ship:** Ambient

### CERTIFIED VALUES

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

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

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

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

**Tech Tips:**

Raw material may contain trace amounts of tert-Butanol.

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant flow 2.0 mL/min.

**Temp. Program:**

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

**Inj. Temp:**

200°C

**Det. Temp:**

250°C

**Det. Type:**

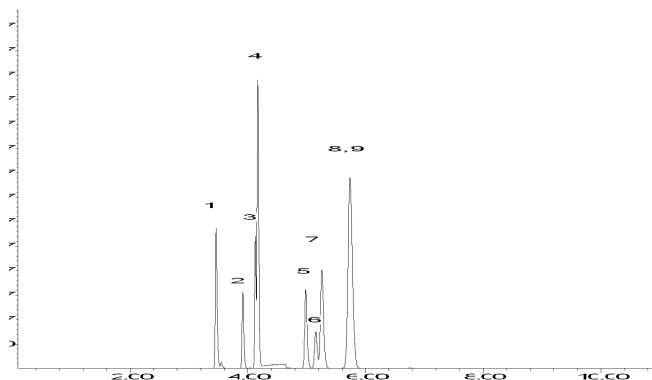
MSD

**Split Vent:**

Split ratio 10:1

**Inj. Vol**

1µl



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

  
Matt Fragassi - Mix Technician

Date Mixed: 15-May-2024

Balance Serial # 1127510105

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

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

## General Certified Reference Material Notes

### Expiration Notes:

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

### Purity Notes:

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

### Certified Uncertainty Value Notes:

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

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

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

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

### Manufacturing Notes:

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

### Handling Notes:

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

Reagent

---

**MSV\_V\_Ketones\_00175**



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

**Ship:** Ambient

### CERTIFIED VALUES

| Elution Order | Compound                    | CAS #    | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|-----------------------------|----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Acetone                     | 67-64-1  | SHBP8774 | 99%    | 12,581.8 µg/mL              | +/- 434.7671                           |
| 2             | 2-Butanone (MEK)            | 78-93-3  | SHBL5543 | 99%    | 12,578.5 µg/mL              | +/- 434.6548                           |
| 3             | 4-Methyl-2-pentanone (MIBK) | 108-10-1 | SHBP4724 | 99%    | 12,602.3 µg/mL              | +/- 435.4755                           |
| 4             | 2-Hexanone                  | 591-78-6 | MKCQ6663 | 99%    | 12,587.5 µg/mL              | +/- 434.9658                           |

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

**Solvent:** P&T Methanol/Water (90:10)  
**CAS #** 67-56-1/7732-18-5  
**Purity** 99%

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

hydrogen-constant pressure 11.0 psi.

**Temp. Program:**

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

**Inj. Temp:**

200°C

**Det. Temp:**

250°C

**Det. Type:**

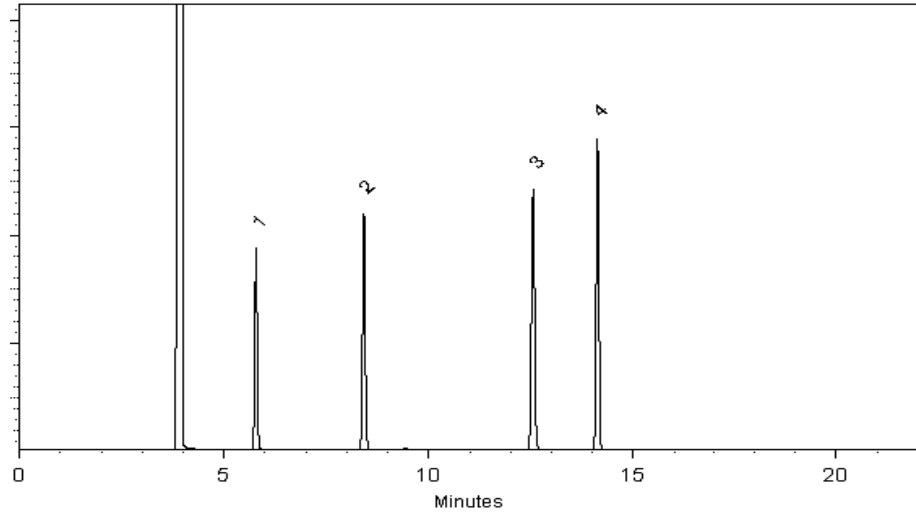
FID

**Split Vent:**

40 ml/min

**Inj. Vol**

0.2µl



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

*Bethany Lowery*

Bethany Lowery - Operations Tech I

Date Mixed: 12-Jan-2023

Balance Serial # B251644995

*Christie Mills*

Christie Mills - Operations Tech II - ARM QC

Date Passed: 16-Jan-2023

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

## General Certified Reference Material Notes

### Expiration Notes:

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

### Purity Notes:

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

### Certified Uncertainty Value Notes:

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

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

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

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

### Manufacturing Notes:

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

### Handling Notes:

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



Reagent

---

**MSV\_V\_PentaCL\_00053**



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

**Description :** Custom Pentachloroethane Standard

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

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

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

**Ship:** Ambient

### CERTIFIED VALUES

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

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

**Solvent:** P&T Methanol

**CAS #** 67-56-1

**Purity** 99%

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

340°C

**Det. Type:**

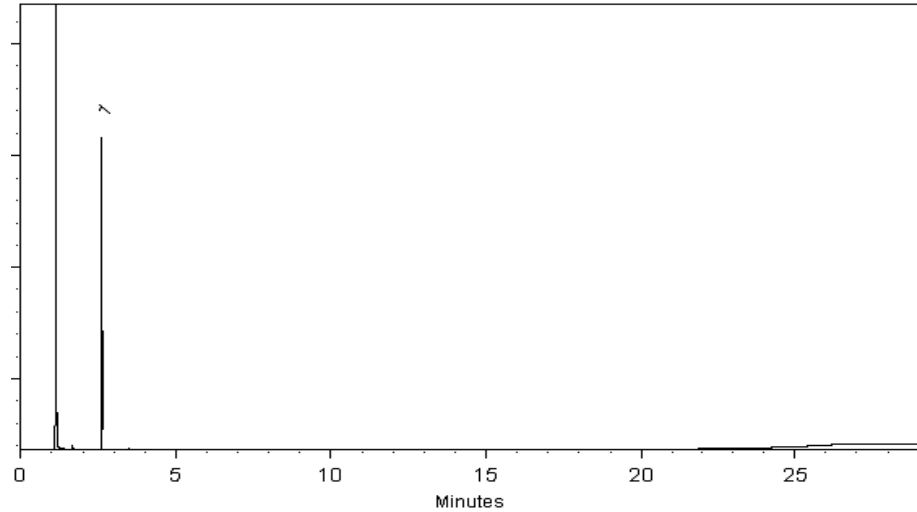
FID

**Split Vent:**

100 ml/min.

**Inj. Vol**

1µl



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

Nick Yaw - Operations Tech I

Date Mixed: 26-Apr-2023

Balance Serial # B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-May-2023

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

## General Certified Reference Material Notes

### Expiration Notes:

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

### Purity Notes:

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

### Certified Uncertainty Value Notes:

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

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

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

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

### Manufacturing Notes:

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

### Handling Notes:

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

# Method 8260D Low Level

---

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

FORM II  
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Matrix: Water

Level: Low

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

| Client Sample ID              | Lab Sample ID        | DBFM # | DCA #  | TOL # | BFB # |
|-------------------------------|----------------------|--------|--------|-------|-------|
| HD-COD-SW-6-0/1-0             | 410-243359-1         | 100    | 107    | 94    | 93    |
| HD-COD-SW-7-0/1-0             | 410-243359-2         | 100    | 100    | 95    | 94    |
| HD-COD-SW-8-0/1-0             | 410-243359-3         | 102    | 105    | 95    | 92    |
| HD-COD-SW-9-0/1-0             | 410-243359-4         | 102    | 103    | 95    | 93    |
| HD-COD-SW-13-0/1-0            | 410-243359-5         | 101    | 105    | 96    | 93    |
| HD-COD-SW-15-0/1-0            | 410-243359-6         | 104    | 101    | 96    | 95    |
| HD-COD-SW-16-0/1-0            | 410-243359-7         | 101    | 102    | 95    | 93    |
| HD-COD-SW-17-0/1-0            | 410-243359-8         | 103    | 102    | 94    | 94    |
| HD-COD-SW-17-0/1-0<br>DL      | 410-243359-8 DL      | 97 cn  | 96 cn  | 99 cn | 90 cn |
| HD-COD-SW-26-0/1-0            | 410-243359-9         | 102    | 102    | 93    | 92    |
| HD-COD-SW-27-0/1-0            | 410-243359-10        | 101    | 100    | 95    | 95    |
| HD-COD-SW-28-0/1-0            | 410-243359-11        | 103    | 95     | 96    | 92    |
| HD-COD-SW-29-0/1-0            | 410-243359-12        | 104    | 97     | 95    | 92    |
| HD-QC1-0/1-1                  | 410-243359-13        | 104    | 102    | 93    | 91    |
| HD-QC1-0/1-1 DL               | 410-243359-13 DL     | 98 cn  | 102 cn | 99 cn | 89 cn |
| HD-QC1-0/1-2                  | 410-243359-14        | 101    | 105    | 96    | 94    |
|                               | MB 410-708376/7      | 100    | 99     | 96    | 92    |
|                               | MB 410-710012/9      | 99     | 105    | 100   | 90    |
|                               | LCS 410-708376/4     | 102    | 106    | 97    | 94    |
|                               | LCS 410-710012/6     | 101    | 103    | 100   | 94    |
|                               | LCSD<br>410-708376/5 | 103    | 100    | 96    | 95    |
|                               | LCSD<br>410-710012/7 | 99     | 104    | 99    | 93    |
| HD-COD-SW-15-0/1-0<br>MS MS   | 410-243359-6 MS      | 104    | 105    | 95    | 93    |
| HD-COD-SW-15-0/1-0<br>MSD MSD | 410-243359-6 MSD     | 102    | 103    | 96    | 94    |

QC LIMITS

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

80-120  
80-120  
80-120  
80-120

# Column to be used to flag recovery values

FORM II 8260D

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HC02X03.D

Lab ID: LCS 410-708376/4

Client ID:

| COMPOUND                    | SPIKE<br>ADDED<br>(ug/L) | LCS<br>CONCENTRATION<br>(ug/L) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-----------------------------|--------------------------|--------------------------------|-----------------|---------------------|---|
| 1,1,1,2-Tetrachloroethane   | 5.00                     | 5.23                           | 105             | 80-122              |   |
| 1,1,1-Trichloroethane       | 5.00                     | 5.37                           | 107             | 78-126              |   |
| 1,1,2,2-Tetrachloroethane   | 5.00                     | 4.96                           | 99              | 75-123              |   |
| 1,1,2-Trichloroethane       | 5.00                     | 4.83                           | 97              | 80-120              |   |
| 1,1-Dichloroethane          | 5.00                     | 5.43                           | 109             | 74-120              |   |
| 1,1-Dichloroethene          | 5.00                     | 5.70                           | 114             | 80-131              |   |
| 1,2-Dibromoethane (EDB)     | 5.00                     | 5.33                           | 107             | 80-120              |   |
| 1,2-Dichloroethane          | 5.00                     | 4.87                           | 97              | 69-122              |   |
| 1,2-Dichloropropane         | 5.00                     | 5.31                           | 106             | 80-120              |   |
| 2-Butanone (MEK)            | 62.5                     | 61.1                           | 98              | 59-141              |   |
| 2-Hexanone                  | 62.5                     | 62.9                           | 101             | 52-140              |   |
| 4-Methyl-2-pentanone (MIBK) | 62.5                     | 59.1                           | 94              | 55-140              |   |
| Acetone                     | 62.5                     | 55.6                           | 89              | 60-146              |   |
| Benzene                     | 5.00                     | 5.35                           | 107             | 80-120              |   |
| Bromochloromethane          | 5.00                     | 5.63                           | 113             | 80-133              |   |
| Bromodichloromethane        | 5.00                     | 5.35                           | 107             | 80-123              |   |
| Bromoform                   | 5.00                     | 5.32                           | 106             | 75-126              |   |
| Bromomethane                | 5.00                     | 5.03                           | 101             | 63-120              |   |
| Carbon disulfide            | 5.00                     | 5.34                           | 107             | 67-130              |   |
| Carbon tetrachloride        | 5.00                     | 5.54                           | 111             | 64-141              |   |
| Chlorobenzene               | 5.00                     | 5.09                           | 102             | 80-120              |   |
| Chloroethane                | 5.00                     | 4.83                           | 97              | 63-120              |   |
| Chloroform                  | 5.00                     | 5.43                           | 109             | 80-120              |   |
| Chloromethane               | 5.00                     | 4.41                           | 88              | 56-124              |   |
| cis-1,2-Dichloroethene      | 5.00                     | 5.73                           | 115             | 80-122              |   |
| cis-1,3-Dichloropropene     | 5.00                     | 5.06                           | 101             | 67-121              |   |
| Dibromochloromethane        | 5.00                     | 5.05                           | 101             | 80-123              |   |
| Ethylbenzene                | 5.00                     | 5.05                           | 101             | 80-120              |   |
| Methyl tert-butyl ether     | 5.00                     | 4.91                           | 98              | 69-120              |   |
| Methylene Chloride          | 5.00                     | 5.57                           | 111             | 80-120              |   |
| Styrene                     | 5.00                     | 5.13                           | 103             | 80-120              |   |
| Tetrachloroethene           | 5.00                     | 5.06                           | 101             | 80-120              |   |
| Toluene                     | 5.00                     | 5.17                           | 103             | 80-120              |   |
| trans-1,2-Dichloroethene    | 5.00                     | 5.72                           | 114             | 80-122              |   |
| trans-1,3-Dichloropropene   | 5.00                     | 4.87                           | 97              | 61-129              |   |
| Trichloroethene             | 5.00                     | 5.29                           | 106             | 80-120              |   |
| Vinyl chloride              | 5.00                     | 4.79                           | 96              | 60-125              |   |
| Xylenes, Total              | 15.0                     | 15.5                           | 103             | 80-120              |   |

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HC07X05.D

Lab ID: LCS 410-710012/6

Client ID:

| COMPOUND                    | SPIKE<br>ADDED<br>(ug/L) | LCS<br>CONCENTRATION<br>(ug/L) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|-----------------------------|--------------------------|--------------------------------|-----------------|---------------------|---|
| 1,1,1,2-Tetrachloroethane   | 5.00                     | 5.01                           | 100             | 80-122              |   |
| 1,1,1-Trichloroethane       | 5.00                     | 5.09                           | 102             | 78-126              |   |
| 1,1,2,2-Tetrachloroethane   | 5.00                     | 4.97                           | 99              | 75-123              |   |
| 1,1,2-Trichloroethane       | 5.00                     | 4.80                           | 96              | 80-120              |   |
| 1,1-Dichloroethane          | 5.00                     | 5.03                           | 101             | 74-120              |   |
| 1,1-Dichloroethene          | 5.00                     | 5.64                           | 113             | 80-131              |   |
| 1,2-Dibromoethane (EDB)     | 5.00                     | 5.08                           | 102             | 80-120              |   |
| 1,2-Dichloroethane          | 5.00                     | 4.73                           | 95              | 69-122              |   |
| 1,2-Dichloropropane         | 5.00                     | 5.03                           | 101             | 80-120              |   |
| 2-Butanone (MEK)            | 62.5                     | 56.0                           | 90              | 59-141              |   |
| 2-Hexanone                  | 62.5                     | 59.4                           | 95              | 52-140              |   |
| 4-Methyl-2-pentanone (MIBK) | 62.5                     | 57.6                           | 92              | 55-140              |   |
| Acetone                     | 62.5                     | 53.5                           | 86              | 60-146              |   |
| Benzene                     | 5.00                     | 4.90                           | 98              | 80-120              |   |
| Bromochloromethane          | 5.00                     | 5.24                           | 105             | 80-133              |   |
| Bromodichloromethane        | 5.00                     | 4.93                           | 99              | 80-123              |   |
| Bromoform                   | 5.00                     | 5.06                           | 101             | 75-126              |   |
| Bromomethane                | 5.00                     | 5.13                           | 103             | 63-120              |   |
| Carbon disulfide            | 5.00                     | 5.09                           | 102             | 67-130              |   |
| Carbon tetrachloride        | 5.00                     | 5.19                           | 104             | 64-141              |   |
| Chlorobenzene               | 5.00                     | 4.99                           | 100             | 80-120              |   |
| Chloroethane                | 5.00                     | 4.99                           | 100             | 63-120              |   |
| Chloroform                  | 5.00                     | 5.04                           | 101             | 80-120              |   |
| Chloromethane               | 5.00                     | 4.91                           | 98              | 56-124              |   |
| cis-1,2-Dichloroethene      | 5.00                     | 5.20                           | 104             | 80-122              |   |
| cis-1,3-Dichloropropene     | 5.00                     | 4.60                           | 92              | 67-121              |   |
| Dibromochloromethane        | 5.00                     | 4.90                           | 98              | 80-123              |   |
| Ethylbenzene                | 5.00                     | 4.94                           | 99              | 80-120              |   |
| Methyl tert-butyl ether     | 5.00                     | 4.53                           | 91              | 69-120              |   |
| Methylene Chloride          | 5.00                     | 5.13                           | 103             | 80-120              |   |
| Styrene                     | 5.00                     | 4.95                           | 99              | 80-120              |   |
| Tetrachloroethene           | 5.00                     | 4.91                           | 98              | 80-120              |   |
| Toluene                     | 5.00                     | 4.96                           | 99              | 80-120              |   |
| trans-1,2-Dichloroethene    | 5.00                     | 5.26                           | 105             | 80-122              |   |
| trans-1,3-Dichloropropene   | 5.00                     | 4.50                           | 90              | 61-129              |   |
| Trichloroethene             | 5.00                     | 4.80                           | 96              | 80-120              |   |
| Vinyl chloride              | 5.00                     | 5.29                           | 106             | 60-125              |   |
| Xylenes, Total              | 15.0                     | 14.8                           | 99              | 80-120              |   |

# Column to be used to flag recovery and RPD values



FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HC02X04.D

Lab ID: LCSD 410-708376/5

Client ID:

| COMPOUND                    | SPIKE<br>ADDED<br>(ug/L) | LCSD<br>CONCENTRATION<br>(ug/L) | LCSD<br>%<br>REC | %<br>RPD | QC LIMITS |        | # |
|-----------------------------|--------------------------|---------------------------------|------------------|----------|-----------|--------|---|
|                             |                          |                                 |                  |          | RPD       | REC    |   |
| 1,1,1,2-Tetrachloroethane   | 5.00                     | 5.23                            | 105              | 0        | 30        | 80-122 |   |
| 1,1,1-Trichloroethane       | 5.00                     | 5.55                            | 111              | 3        | 30        | 78-126 |   |
| 1,1,2,2-Tetrachloroethane   | 5.00                     | 5.34                            | 107              | 7        | 30        | 75-123 |   |
| 1,1,2-Trichloroethane       | 5.00                     | 5.17                            | 103              | 7        | 30        | 80-120 |   |
| 1,1-Dichloroethane          | 5.00                     | 5.52                            | 110              | 2        | 30        | 74-120 |   |
| 1,1-Dichloroethene          | 5.00                     | 6.10                            | 122              | 7        | 30        | 80-131 |   |
| 1,2-Dibromoethane (EDB)     | 5.00                     | 5.30                            | 106              | 1        | 30        | 80-120 |   |
| 1,2-Dichloroethane          | 5.00                     | 4.98                            | 100              | 2        | 30        | 69-122 |   |
| 1,2-Dichloropropane         | 5.00                     | 5.48                            | 110              | 3        | 30        | 80-120 |   |
| 2-Butanone (MEK)            | 62.5                     | 62.7                            | 100              | 3        | 30        | 59-141 |   |
| 2-Hexanone                  | 62.5                     | 66.9                            | 107              | 6        | 30        | 52-140 |   |
| 4-Methyl-2-pentanone (MIBK) | 62.5                     | 65.1                            | 104              | 10       | 30        | 55-140 |   |
| Acetone                     | 62.5                     | 56.4                            | 90               | 1        | 30        | 60-146 |   |
| Benzene                     | 5.00                     | 5.45                            | 109              | 2        | 30        | 80-120 |   |
| Bromochloromethane          | 5.00                     | 5.82                            | 116              | 3        | 30        | 80-133 |   |
| Bromodichloromethane        | 5.00                     | 5.55                            | 111              | 4        | 30        | 80-123 |   |
| Bromoform                   | 5.00                     | 5.55                            | 111              | 4        | 30        | 75-126 |   |
| Bromomethane                | 5.00                     | 5.14                            | 103              | 2        | 30        | 63-120 |   |
| Carbon disulfide            | 5.00                     | 5.50                            | 110              | 3        | 30        | 67-130 |   |
| Carbon tetrachloride        | 5.00                     | 5.68                            | 114              | 2        | 30        | 64-141 |   |
| Chlorobenzene               | 5.00                     | 5.17                            | 103              | 2        | 30        | 80-120 |   |
| Chloroethane                | 5.00                     | 4.94                            | 99               | 2        | 30        | 63-120 |   |
| Chloroform                  | 5.00                     | 5.58                            | 112              | 3        | 30        | 80-120 |   |
| Chloromethane               | 5.00                     | 4.66                            | 93               | 6        | 30        | 56-124 |   |
| cis-1,2-Dichloroethene      | 5.00                     | 5.78                            | 116              | 1        | 30        | 80-122 |   |
| cis-1,3-Dichloropropene     | 5.00                     | 5.21                            | 104              | 3        | 30        | 67-121 |   |
| Dibromochloromethane        | 5.00                     | 5.13                            | 103              | 2        | 30        | 80-123 |   |
| Ethylbenzene                | 5.00                     | 5.21                            | 104              | 3        | 30        | 80-120 |   |
| Methyl tert-butyl ether     | 5.00                     | 5.03                            | 101              | 2        | 30        | 69-120 |   |
| Methylene Chloride          | 5.00                     | 5.74                            | 115              | 3        | 30        | 80-120 |   |
| Styrene                     | 5.00                     | 5.26                            | 105              | 3        | 30        | 80-120 |   |
| Tetrachloroethene           | 5.00                     | 5.09                            | 102              | 1        | 30        | 80-120 |   |
| Toluene                     | 5.00                     | 5.19                            | 104              | 0        | 30        | 80-120 |   |
| trans-1,2-Dichloroethene    | 5.00                     | 5.93                            | 119              | 4        | 30        | 80-122 |   |
| trans-1,3-Dichloropropene   | 5.00                     | 4.96                            | 99               | 2        | 30        | 61-129 |   |
| Trichloroethene             | 5.00                     | 5.43                            | 109              | 3        | 30        | 80-120 |   |
| Vinyl chloride              | 5.00                     | 4.99                            | 100              | 4        | 30        | 60-125 |   |
| Xylenes, Total              | 15.0                     | 15.8                            | 105              | 2        | 30        | 80-120 |   |

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HC07X06.D

Lab ID: LCSD 410-710012/7

Client ID:

| COMPOUND                    | SPIKE<br>ADDED<br>(ug/L) | LCSD<br>CONCENTRATION<br>(ug/L) | LCSD<br>%<br>REC | %<br>RPD | QC LIMITS |        | # |
|-----------------------------|--------------------------|---------------------------------|------------------|----------|-----------|--------|---|
|                             |                          |                                 |                  |          | RPD       | REC    |   |
| 1,1,1,2-Tetrachloroethane   | 5.00                     | 5.01                            | 100              | 0        | 30        | 80-122 |   |
| 1,1,1-Trichloroethane       | 5.00                     | 5.03                            | 101              | 1        | 30        | 78-126 |   |
| 1,1,2,2-Tetrachloroethane   | 5.00                     | 4.91                            | 98               | 1        | 30        | 75-123 |   |
| 1,1,2-Trichloroethane       | 5.00                     | 4.90                            | 98               | 2        | 30        | 80-120 |   |
| 1,1-Dichloroethane          | 5.00                     | 5.02                            | 100              | 0        | 30        | 74-120 |   |
| 1,1-Dichloroethene          | 5.00                     | 5.61                            | 112              | 1        | 30        | 80-131 |   |
| 1,2-Dibromoethane (EDB)     | 5.00                     | 5.13                            | 103              | 1        | 30        | 80-120 |   |
| 1,2-Dichloroethane          | 5.00                     | 4.41                            | 88               | 7        | 30        | 69-122 |   |
| 1,2-Dichloropropane         | 5.00                     | 4.88                            | 98               | 3        | 30        | 80-120 |   |
| 2-Butanone (MEK)            | 62.5                     | 59.6                            | 95               | 6        | 30        | 59-141 |   |
| 2-Hexanone                  | 62.5                     | 62.1                            | 99               | 4        | 30        | 52-140 |   |
| 4-Methyl-2-pentanone (MIBK) | 62.5                     | 61.6                            | 99               | 7        | 30        | 55-140 |   |
| Acetone                     | 62.5                     | 54.9                            | 88               | 3        | 30        | 60-146 |   |
| Benzene                     | 5.00                     | 4.89                            | 98               | 0        | 30        | 80-120 |   |
| Bromochloromethane          | 5.00                     | 5.26                            | 105              | 0        | 30        | 80-133 |   |
| Bromodichloromethane        | 5.00                     | 4.96                            | 99               | 1        | 30        | 80-123 |   |
| Bromoform                   | 5.00                     | 5.04                            | 101              | 0        | 30        | 75-126 |   |
| Bromomethane                | 5.00                     | 5.19                            | 104              | 1        | 30        | 63-120 |   |
| Carbon disulfide            | 5.00                     | 5.05                            | 101              | 1        | 30        | 67-130 |   |
| Carbon tetrachloride        | 5.00                     | 5.27                            | 105              | 1        | 30        | 64-141 |   |
| Chlorobenzene               | 5.00                     | 4.97                            | 99               | 0        | 30        | 80-120 |   |
| Chloroethane                | 5.00                     | 5.03                            | 101              | 1        | 30        | 63-120 |   |
| Chloroform                  | 5.00                     | 5.10                            | 102              | 1        | 30        | 80-120 |   |
| Chloromethane               | 5.00                     | 4.89                            | 98               | 1        | 30        | 56-124 |   |
| cis-1,2-Dichloroethene      | 5.00                     | 5.18                            | 104              | 0        | 30        | 80-122 |   |
| cis-1,3-Dichloropropene     | 5.00                     | 4.47                            | 89               | 3        | 30        | 67-121 |   |
| Dibromochloromethane        | 5.00                     | 4.90                            | 98               | 0        | 30        | 80-123 |   |
| Ethylbenzene                | 5.00                     | 4.87                            | 97               | 1        | 30        | 80-120 |   |
| Methyl tert-butyl ether     | 5.00                     | 4.60                            | 92               | 1        | 30        | 69-120 |   |
| Methylene Chloride          | 5.00                     | 5.18                            | 104              | 1        | 30        | 80-120 |   |
| Styrene                     | 5.00                     | 4.94                            | 99               | 0        | 30        | 80-120 |   |
| Tetrachloroethene           | 5.00                     | 4.84                            | 97               | 1        | 30        | 80-120 |   |
| Toluene                     | 5.00                     | 5.01                            | 100              | 1        | 30        | 80-120 |   |
| trans-1,2-Dichloroethene    | 5.00                     | 5.37                            | 107              | 2        | 30        | 80-122 |   |
| trans-1,3-Dichloropropene   | 5.00                     | 4.58                            | 92               | 2        | 30        | 61-129 |   |
| Trichloroethene             | 5.00                     | 4.89                            | 98               | 2        | 30        | 80-120 |   |
| Vinyl chloride              | 5.00                     | 5.35                            | 107              | 1        | 30        | 60-125 |   |
| Xylenes, Total              | 15.0                     | 14.9                            | 100              | 1        | 30        | 80-120 |   |

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HC02X15.D

Lab ID: 410-243359-6 MS

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

| COMPOUND                    | SPIKE<br>ADDED<br>(ug/L) | SAMPLE<br>CONCENTRATION<br>(ug/L) | MS<br>CONCENTRATION<br>(ug/L) | MS<br>%<br>REC | QC<br>LIMITS<br>REC | #  |
|-----------------------------|--------------------------|-----------------------------------|-------------------------------|----------------|---------------------|----|
| 1,1,1,2-Tetrachloroethane   | 5.00                     | ND                                | 5.55                          | 111            | 80-122              |    |
| 1,1,1-Trichloroethane       | 5.00                     | 0.24 J                            | 6.40                          | 123            | 78-126              |    |
| 1,1,2,2-Tetrachloroethane   | 5.00                     | ND                                | 5.26                          | 105            | 75-123              |    |
| 1,1,2-Trichloroethane       | 5.00                     | ND                                | 5.32                          | 106            | 80-120              |    |
| 1,1-Dichloroethane          | 5.00                     | ND                                | 6.10                          | 122            | 74-120              | FH |
| 1,1-Dichloroethene          | 5.00                     | 0.17 J                            | 6.91                          | 135            | 80-131              | FH |
| 1,2-Dibromoethane (EDB)     | 5.00                     | ND                                | 5.48                          | 110            | 80-120              |    |
| 1,2-Dichloroethane          | 5.00                     | ND                                | 5.20                          | 104            | 69-122              |    |
| 1,2-Dichloropropane         | 5.00                     | ND                                | 5.81                          | 116            | 80-120              |    |
| 2-Butanone (MEK)            | 62.6                     | ND                                | 66.1                          | 106            | 59-141              |    |
| 2-Hexanone                  | 62.6                     | ND                                | 68.3                          | 109            | 52-140              |    |
| 4-Methyl-2-pentanone (MIBK) | 62.6                     | ND                                | 65.4                          | 104            | 55-140              |    |
| Acetone                     | 62.6                     | ND                                | 59.5                          | 95             | 60-146              |    |
| Benzene                     | 5.00                     | ND                                | 5.85                          | 117            | 80-120              |    |
| Bromochloromethane          | 5.00                     | ND                                | 6.22                          | 124            | 80-133              |    |
| Bromodichloromethane        | 5.00                     | ND                                | 5.83                          | 117            | 80-123              |    |
| Bromoform                   | 5.00                     | ND                                | 5.48                          | 109            | 75-126              |    |
| Bromomethane                | 5.00                     | ND                                | 5.63                          | 112            | 63-120              |    |
| Carbon disulfide            | 5.00                     | ND                                | 6.18                          | 124            | 67-130              |    |
| Carbon tetrachloride        | 5.00                     | ND                                | 6.49                          | 130            | 64-141              |    |
| Chlorobenzene               | 5.00                     | ND                                | 5.45                          | 109            | 80-120              |    |
| Chloroethane                | 5.00                     | ND                                | 5.81                          | 116            | 63-120              |    |
| Chloroform                  | 5.00                     | 0.19 J                            | 6.28                          | 122            | 80-120              | FH |
| Chloromethane               | 5.00                     | ND                                | 5.01                          | 100            | 80-120              |    |
| cis-1,2-Dichloroethene      | 5.00                     | 0.96                              | 7.26                          | 126            | 80-122              | FH |
| cis-1,3-Dichloropropene     | 5.00                     | ND                                | 5.37                          | 107            | 67-121              |    |
| Dibromochloromethane        | 5.00                     | ND                                | 5.24                          | 105            | 80-123              |    |
| Ethylbenzene                | 5.00                     | ND                                | 5.49                          | 110            | 80-120              |    |
| Methyl tert-butyl ether     | 5.00                     | ND                                | 5.31                          | 106            | 69-120              |    |
| Methylene Chloride          | 5.00                     | ND                                | 6.12                          | 122            | 80-120              | FH |
| Styrene                     | 5.00                     | ND                                | 5.52                          | 110            | 80-120              |    |
| Tetrachloroethene           | 5.00                     | 3.9                               | 9.98                          | 122            | 80-120              | FH |
| Toluene                     | 5.00                     | ND                                | 5.52                          | 110            | 80-120              |    |
| trans-1,2-Dichloroethene    | 5.00                     | ND                                | 6.42                          | 128            | 80-122              | FH |
| trans-1,3-Dichloropropene   | 5.00                     | ND                                | 5.02                          | 100            | 61-129              |    |
| Trichloroethene             | 5.00                     | 1.2                               | 7.24                          | 122            | 80-120              | FH |
| Vinyl chloride              | 5.00                     | ND                                | 5.67                          | 113            | 60-125              |    |
| Xylenes, Total              | 15.0                     | ND                                | 16.7                          | 111            | 80-120              |    |

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HC02X16.D

Lab ID: 410-243359-6 MSD

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

| COMPOUND                    | SPIKE<br>ADDED<br>(ug/L) | MSD<br>CONCENTRATION<br>(ug/L) | MSD<br>%<br>REC | %<br>RPD | QC LIMITS |        | #  |
|-----------------------------|--------------------------|--------------------------------|-----------------|----------|-----------|--------|----|
|                             |                          |                                |                 |          | RPD       | REC    |    |
| 1,1,1,2-Tetrachloroethane   | 5.00                     | 5.39                           | 108             | 3        | 30        | 80-122 |    |
| 1,1,1-Trichloroethane       | 5.00                     | 6.41                           | 123             | 0        | 30        | 78-126 |    |
| 1,1,2,2-Tetrachloroethane   | 5.00                     | 5.18                           | 104             | 2        | 30        | 75-123 |    |
| 1,1,2-Trichloroethane       | 5.00                     | 5.25                           | 105             | 1        | 30        | 80-120 |    |
| 1,1-Dichloroethane          | 5.00                     | 6.11                           | 122             | 0        | 30        | 74-120 | FH |
| 1,1-Dichloroethene          | 5.00                     | 7.01                           | 137             | 1        | 30        | 80-131 | FH |
| 1,2-Dibromoethane (EDB)     | 5.00                     | 5.42                           | 108             | 1        | 30        | 80-120 |    |
| 1,2-Dichloroethane          | 5.00                     | 5.52                           | 110             | 6        | 30        | 69-122 |    |
| 1,2-Dichloropropane         | 5.00                     | 5.82                           | 116             | 0        | 30        | 80-120 |    |
| 2-Butanone (MEK)            | 62.6                     | 64.4                           | 103             | 3        | 30        | 59-141 |    |
| 2-Hexanone                  | 62.6                     | 67.5                           | 108             | 1        | 30        | 52-140 |    |
| 4-Methyl-2-pentanone (MIBK) | 62.6                     | 64.8                           | 104             | 1        | 30        | 55-140 |    |
| Acetone                     | 62.6                     | 57.1                           | 91              | 4        | 30        | 60-146 |    |
| Benzene                     | 5.00                     | 5.92                           | 118             | 1        | 30        | 80-120 |    |
| Bromochloromethane          | 5.00                     | 6.09                           | 122             | 2        | 30        | 80-133 |    |
| Bromodichloromethane        | 5.00                     | 5.82                           | 116             | 0        | 30        | 80-123 |    |
| Bromoform                   | 5.00                     | 5.45                           | 109             | 0        | 30        | 75-126 |    |
| Bromomethane                | 5.00                     | 6.00                           | 120             | 6        | 30        | 63-120 |    |
| Carbon disulfide            | 5.00                     | 6.10                           | 122             | 1        | 30        | 67-130 |    |
| Carbon tetrachloride        | 5.00                     | 6.35                           | 127             | 2        | 30        | 64-141 |    |
| Chlorobenzene               | 5.00                     | 5.44                           | 109             | 0        | 30        | 80-120 |    |
| Chloroethane                | 5.00                     | 6.01                           | 120             | 3        | 30        | 63-120 |    |
| Chloroform                  | 5.00                     | 6.16                           | 119             | 2        | 30        | 80-120 |    |
| Chloromethane               | 5.00                     | 5.21                           | 104             | 4        | 30        | 80-120 |    |
| cis-1,2-Dichloroethene      | 5.00                     | 7.15                           | 124             | 2        | 30        | 80-122 | FH |
| cis-1,3-Dichloropropene     | 5.00                     | 5.28                           | 105             | 2        | 30        | 67-121 |    |
| Dibromochloromethane        | 5.00                     | 5.27                           | 105             | 0        | 30        | 80-123 |    |
| Ethylbenzene                | 5.00                     | 5.46                           | 109             | 1        | 30        | 80-120 |    |
| Methyl tert-butyl ether     | 5.00                     | 5.20                           | 104             | 2        | 30        | 69-120 |    |
| Methylene Chloride          | 5.00                     | 6.11                           | 122             | 0        | 30        | 80-120 | FH |
| Styrene                     | 5.00                     | 5.41                           | 108             | 2        | 30        | 80-120 |    |
| Tetrachloroethene           | 5.00                     | 9.25                           | 107             | 8        | 30        | 80-120 |    |
| Toluene                     | 5.00                     | 5.54                           | 111             | 0        | 30        | 80-120 |    |
| trans-1,2-Dichloroethene    | 5.00                     | 6.57                           | 131             | 2        | 30        | 80-122 | FH |
| trans-1,3-Dichloropropene   | 5.00                     | 5.04                           | 101             | 0        | 30        | 61-129 |    |
| Trichloroethene             | 5.00                     | 7.13                           | 119             | 2        | 30        | 80-120 |    |
| Vinyl chloride              | 5.00                     | 6.05                           | 121             | 7        | 30        | 60-125 |    |
| Xylenes, Total              | 15.0                     | 16.7                           | 111             | 0        | 30        | 80-120 |    |

# Column to be used to flag recovery and RPD values

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Lab File ID: HC02X06.D

Lab Sample ID: MB 410-708376/7

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 19094

Date Analyzed: 10/02/2025 20:11

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID           | LAB SAMPLE ID     | LAB<br>FILE ID | DATE ANALYZED    |
|----------------------------|-------------------|----------------|------------------|
|                            | LCS 410-708376/4  | HC02X03.D      | 10/02/2025 19:08 |
|                            | LCSD 410-708376/5 | HC02X04.D      | 10/02/2025 19:29 |
| HD-QC1-0/1-2               | 410-243359-14     | HC02X08.D      | 10/02/2025 20:53 |
| HD-COD-SW-6-0/1-0          | 410-243359-1      | HC02X09.D      | 10/02/2025 21:14 |
| HD-COD-SW-7-0/1-0          | 410-243359-2      | HC02X10.D      | 10/02/2025 21:35 |
| HD-COD-SW-8-0/1-0          | 410-243359-3      | HC02X11.D      | 10/02/2025 21:56 |
| HD-COD-SW-9-0/1-0          | 410-243359-4      | HC02X12.D      | 10/02/2025 22:17 |
| HD-COD-SW-13-0/1-0         | 410-243359-5      | HC02X13.D      | 10/02/2025 22:38 |
| HD-COD-SW-15-0/1-0         | 410-243359-6      | HC02X14.D      | 10/02/2025 22:59 |
| HD-COD-SW-15-0/1-0 MS MS   | 410-243359-6 MS   | HC02X15.D      | 10/02/2025 23:20 |
| HD-COD-SW-15-0/1-0 MSD MSD | 410-243359-6 MSD  | HC02X16.D      | 10/02/2025 23:41 |
| HD-COD-SW-16-0/1-0         | 410-243359-7      | HC02X17.D      | 10/03/2025 00:02 |
| HD-COD-SW-17-0/1-0         | 410-243359-8      | HC02X18.D      | 10/03/2025 00:23 |
| HD-COD-SW-26-0/1-0         | 410-243359-9      | HC02X19.D      | 10/03/2025 00:44 |
| HD-COD-SW-27-0/1-0         | 410-243359-10     | HC02X20.D      | 10/03/2025 01:05 |
| HD-COD-SW-28-0/1-0         | 410-243359-11     | HC02X21.D      | 10/03/2025 01:25 |
| HD-COD-SW-29-0/1-0         | 410-243359-12     | HC02X22.D      | 10/03/2025 01:46 |
| HD-QC1-0/1-1               | 410-243359-13     | HC02X23.D      | 10/03/2025 02:07 |

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Lab File ID: HC07X08.D

Lab Sample ID: MB 410-710012/9

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 19094

Date Analyzed: 10/07/2025 11:26

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID      | LAB SAMPLE ID     | LAB<br>FILE ID | DATE ANALYZED    |
|-----------------------|-------------------|----------------|------------------|
|                       | LCS 410-710012/6  | HC07X05.D      | 10/07/2025 10:24 |
|                       | LCSD 410-710012/7 | HC07X06.D      | 10/07/2025 10:44 |
| HD-COD-SW-17-0/1-0 DL | 410-243359-8 DL   | HC07X14.D      | 10/07/2025 13:31 |
| HD-QC1-0/1-1 DL       | 410-243359-13 DL  | HC07X15.D      | 10/07/2025 13:52 |

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

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

Instrument ID: 19094      BFB Injection Time: 03:43

Analysis Batch No.: 668589

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0 % of mass 95           | 18.8                 |
| 75  | 30.0 - 60.0 % of mass 95           | 47.8                 |
| 95  | Base Peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0 % of mass 95             | 6.7                  |
| 173 | Less than 2.0 % of mass 174        | 0.0      (0.0) 1     |
| 174 | Greater than 50% of mass 95        | 78.2                 |
| 175 | 5.0 - 9.0 % of mass 174            | 5.9      (7.6) 1     |
| 176 | 95.0 - 101.0 % of mass 174         | 76.3      (97.6) 1   |
| 177 | 5.0 - 9.0 % of mass 176            | 5.3      (7.0) 2     |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID      | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|--------------------|-------------|---------------|---------------|
|                  | IC 410-668589/13   | HL08X12.D   | 07/09/2025    | 4:17          |
|                  | IC 410-668589/14   | HL08X13.D   | 07/09/2025    | 4:37          |
|                  | IC 410-668589/15   | HL08X14.D   | 07/09/2025    | 4:58          |
|                  | IC 410-668589/16   | HL08X15.D   | 07/09/2025    | 5:18          |
|                  | IC 410-668589/17   | HL08X16.D   | 07/09/2025    | 5:39          |
|                  | IC 410-668589/18   | HL08X17.D   | 07/09/2025    | 6:00          |
|                  | IC 410-668589/19   | HL08X18.D   | 07/09/2025    | 6:21          |
|                  | ICIS 410-668589/20 | HL08X19.D   | 07/09/2025    | 6:41          |
|                  | IC 410-668589/21   | HL08X20.D   | 07/09/2025    | 7:02          |
|                  | ICV 410-668589/23  | HL08X22.D   | 07/09/2025    | 7:43          |

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

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Lab File ID: HC02T01.D

BFB Injection Date: 10/02/2025

Instrument ID: 19094

BFB Injection Time: 18:07

Analysis Batch No.: 708376

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0 % of mass 95           | 16.9                 |
| 75  | 30.0 - 60.0 % of mass 95           | 47.8                 |
| 95  | Base Peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0 % of mass 95             | 6.3                  |
| 173 | Less than 2.0 % of mass 174        | 0.0 (0.0) 1          |
| 174 | Greater than 50% of mass 95        | 86.3                 |
| 175 | 5.0 - 9.0 % of mass 174            | 6.9 (8.0) 1          |
| 176 | 95.0 - 101.0 % of mass 174         | 83.7 (96.9) 1        |
| 177 | 5.0 - 9.0 % of mass 176            | 5.4 (6.4) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID           | LAB SAMPLE ID      | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|----------------------------|--------------------|-------------|---------------|---------------|
|                            | CCVIS 410-708376/3 | HC02X02.D   | 10/02/2025    | 18:47         |
|                            | LCS 410-708376/4   | HC02X03.D   | 10/02/2025    | 19:08         |
|                            | LCSD 410-708376/5  | HC02X04.D   | 10/02/2025    | 19:29         |
|                            | MB 410-708376/7    | HC02X06.D   | 10/02/2025    | 20:11         |
| HD-QC1-0/1-2               | 410-243359-14      | HC02X08.D   | 10/02/2025    | 20:53         |
| HD-COD-SW-6-0/1-0          | 410-243359-1       | HC02X09.D   | 10/02/2025    | 21:14         |
| HD-COD-SW-7-0/1-0          | 410-243359-2       | HC02X10.D   | 10/02/2025    | 21:35         |
| HD-COD-SW-8-0/1-0          | 410-243359-3       | HC02X11.D   | 10/02/2025    | 21:56         |
| HD-COD-SW-9-0/1-0          | 410-243359-4       | HC02X12.D   | 10/02/2025    | 22:17         |
| HD-COD-SW-13-0/1-0         | 410-243359-5       | HC02X13.D   | 10/02/2025    | 22:38         |
| HD-COD-SW-15-0/1-0         | 410-243359-6       | HC02X14.D   | 10/02/2025    | 22:59         |
| HD-COD-SW-15-0/1-0 MS MS   | 410-243359-6 MS    | HC02X15.D   | 10/02/2025    | 23:20         |
| HD-COD-SW-15-0/1-0 MSD MSD | 410-243359-6 MSD   | HC02X16.D   | 10/02/2025    | 23:41         |
| HD-COD-SW-16-0/1-0         | 410-243359-7       | HC02X17.D   | 10/03/2025    | 0:02          |
| HD-COD-SW-17-0/1-0         | 410-243359-8       | HC02X18.D   | 10/03/2025    | 0:23          |
| HD-COD-SW-26-0/1-0         | 410-243359-9       | HC02X19.D   | 10/03/2025    | 0:44          |
| HD-COD-SW-27-0/1-0         | 410-243359-10      | HC02X20.D   | 10/03/2025    | 1:05          |
| HD-COD-SW-28-0/1-0         | 410-243359-11      | HC02X21.D   | 10/03/2025    | 1:25          |
| HD-COD-SW-29-0/1-0         | 410-243359-12      | HC02X22.D   | 10/03/2025    | 1:46          |
| HD-QC1-0/1-1               | 410-243359-13      | HC02X23.D   | 10/03/2025    | 2:07          |



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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.:

Lab File ID: HC07T01.D      BFB Injection Date: 10/07/2025

Instrument ID: 19094      BFB Injection Time: 08:45

Analysis Batch No.: 710012

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0 % of mass 95           | 16.6                 |
| 75  | 30.0 - 60.0 % of mass 95           | 46.2                 |
| 95  | Base Peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0 % of mass 95             | 6.0                  |
| 173 | Less than 2.0 % of mass 174        | 0.4 (0.5) 1          |
| 174 | Greater than 50% of mass 95        | 84.4                 |
| 175 | 5.0 - 9.0 % of mass 174            | 6.6 (7.8) 1          |
| 176 | 95.0 - 101.0 % of mass 174         | 82.1 (97.3) 1        |
| 177 | 5.0 - 9.0 % of mass 176            | 5.4 (6.6) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID      | LAB SAMPLE ID      | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------------------|--------------------|-------------|---------------|---------------|
|                       | CCVIS 410-710012/3 | HC07X02.D   | 10/07/2025    | 9:21          |
|                       | LCS 410-710012/6   | HC07X05.D   | 10/07/2025    | 10:24         |
|                       | LCSD 410-710012/7  | HC07X06.D   | 10/07/2025    | 10:44         |
|                       | MB 410-710012/9    | HC07X08.D   | 10/07/2025    | 11:26         |
| HD-COD-SW-17-0/1-0 DL | 410-243359-8 DL    | HC07X14.D   | 10/07/2025    | 13:31         |
| HD-QC1-0/1-1 DL       | 410-243359-13 DL   | HC07X15.D   | 10/07/2025    | 13:52         |

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
 Environment Testing, LLC

SDG No.:

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

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

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

Calibration ID: 74555

|                               |                  | TBA <sub>d</sub> 10 |      | FB      |      | CBZ <sub>d</sub> 5 |       |
|-------------------------------|------------------|---------------------|------|---------|------|--------------------|-------|
|                               |                  | AREA #              | RT # | AREA #  | RT # | AREA #             | RT #  |
| INITIAL CALIBRATION MID-POINT |                  | 75826               | 3.89 | 1961552 | 7.35 | 1396688            | 10.95 |
| UPPER LIMIT                   |                  | 151652              | 4.39 | 3923104 | 7.85 | 2793376            | 11.45 |
| LOWER LIMIT                   |                  | 37913               | 3.39 | 980776  | 6.85 | 698344             | 10.45 |
|                               |                  |                     |      |         |      |                    |       |
| LAB SAMPLE ID                 | CLIENT SAMPLE ID |                     |      |         |      |                    |       |
| ICV 410-668589/23             |                  | 70766               | 3.84 | 1875622 | 7.35 | 1353183            | 10.95 |
| CCVIS 410-708376/3            |                  | 66051               | 3.87 | 1677391 | 7.34 | 1315943            | 10.95 |
| CCVIS 410-710012/3            |                  | 63903               | 3.87 | 1869580 | 7.35 | 1374668            | 10.95 |

TBA<sub>d</sub>10 = t-Butyl alcohol-d<sub>10</sub> (IS)  
 FB = Fluorobenzene (IS)  
 CBZ<sub>d</sub>5 = Chlorobenzene-d<sub>5</sub> (IS)

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

# Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Job No.: 410-243359-1

Sample No.: ICIS 410-668589/20

Date Analyzed: 07/09/2025 06:41

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

Heated Purge: (Y/N) N

Calibration ID: 74555

|                               |  | DCBd4            |       |   |      |   |      |
|-------------------------------|--|------------------|-------|---|------|---|------|
|                               |  | AREA #           | RT #  | # | RT # | # | RT # |
| INITIAL CALIBRATION MID-POINT |  | 775184           | 12.87 |   |      |   |      |
| UPPER LIMIT                   |  | 1550368          | 13.37 |   |      |   |      |
| LOWER LIMIT                   |  | 387592           | 12.37 |   |      |   |      |
| LAB SAMPLE ID                 |  | CLIENT SAMPLE ID |       |   |      |   |      |
| ICV 410-668589/23             |  | 744969           | 12.87 |   |      |   |      |
| CCVIS 410-708376/3            |  | 728001           | 12.86 |   |      |   |      |
| CCVIS 410-710012/3            |  | 764093           | 12.86 |   |      |   |      |

Area Limit = 50%-200% of internal standard area  
RT Limit =  $\pm$  0.5 minutes of internal standard RT

```
# Column used to flag values outside QC limits
```

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-708376/3      Date Analyzed: 10/02/2025 18:47

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

Lab File ID (Standard): HC02X02.D      Heated Purge: (Y/N) N

Calibration ID: 74558

|                   |                               | TBAd10 |      | FB      |      | CBZd5   |       |
|-------------------|-------------------------------|--------|------|---------|------|---------|-------|
|                   |                               | AREA # | RT # | AREA #  | RT # | AREA #  | RT #  |
| 12/24 HOUR STD    |                               | 66051  | 3.87 | 1677391 | 7.34 | 1315943 | 10.95 |
| UPPER LIMIT       |                               | 132102 | 4.37 | 3354782 | 7.84 | 2631886 | 11.45 |
| LOWER LIMIT       |                               | 33026  | 3.37 | 838696  | 6.84 | 657972  | 10.45 |
| LAB SAMPLE ID     | CLIENT SAMPLE ID              |        |      |         |      |         |       |
| LCS 410-708376/4  |                               | 68760  | 3.86 | 1738507 | 7.35 | 1350028 | 10.95 |
| LCSD 410-708376/5 |                               | 62529  | 3.87 | 1684941 | 7.35 | 1313578 | 10.95 |
| MB 410-708376/7   |                               | 65933  | 3.86 | 1615295 | 7.34 | 1258352 | 10.95 |
| 410-243359-14     | HD-QC1-0/1-2                  | 60655  | 3.86 | 1562690 | 7.35 | 1217935 | 10.95 |
| 410-243359-1      | HD-COD-SW-6-0/1-0             | 59509  | 3.87 | 1608289 | 7.35 | 1273972 | 10.95 |
| 410-243359-2      | HD-COD-SW-7-0/1-0             | 61639  | 3.87 | 1649319 | 7.35 | 1301692 | 10.95 |
| 410-243359-3      | HD-COD-SW-8-0/1-0             | 61001  | 3.87 | 1552041 | 7.35 | 1233721 | 10.95 |
| 410-243359-4      | HD-COD-SW-9-0/1-0             | 67112  | 3.87 | 1616879 | 7.34 | 1278487 | 10.95 |
| 410-243359-5      | HD-COD-SW-13-0/1-0            | 61402  | 3.89 | 1506707 | 7.35 | 1170183 | 10.95 |
| 410-243359-6      | HD-COD-SW-15-0/1-0            | 70125  | 3.86 | 1540203 | 7.34 | 1207252 | 10.95 |
| 410-243359-6 MS   | HD-COD-SW-15-0/1-0 MS<br>MS   | 60315  | 3.87 | 1605012 | 7.34 | 1263840 | 10.95 |
| 410-243359-6 MSD  | HD-COD-SW-15-0/1-0<br>MSD MSD | 60836  | 3.89 | 1616968 | 7.35 | 1274816 | 10.95 |
| 410-243359-7      | HD-COD-SW-16-0/1-0            | 62452  | 3.86 | 1651628 | 7.35 | 1299256 | 10.95 |
| 410-243359-8      | HD-COD-SW-17-0/1-0            | 62469  | 3.86 | 1662814 | 7.34 | 1354632 | 10.95 |
| 410-243359-9      | HD-COD-SW-26-0/1-0            | 62018  | 3.88 | 1663651 | 7.35 | 1333342 | 10.95 |
| 410-243359-10     | HD-COD-SW-27-0/1-0            | 55640  | 3.89 | 1638080 | 7.35 | 1289301 | 10.95 |
| 410-243359-11     | HD-COD-SW-28-0/1-0            | 54360  | 3.88 | 1568599 | 7.35 | 1253875 | 10.95 |
| 410-243359-12     | HD-COD-SW-29-0/1-0            | 58609  | 3.88 | 1596295 | 7.35 | 1271190 | 10.95 |
| 410-243359-13     | HD-QC1-0/1-1                  | 58759  | 3.88 | 1614767 | 7.34 | 1320131 | 10.95 |

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

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

RT Limit =  $\pm$  0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-708376/3      Date Analyzed: 10/02/2025 18:47

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

Lab File ID (Standard): HC02X02.D      Heated Purge: (Y/N) N

Calibration ID: 74558

|                   |                               | DCBd4   |       |   |      |   |      |
|-------------------|-------------------------------|---------|-------|---|------|---|------|
|                   |                               | AREA #  | RT #  | # | RT # | # | RT # |
| 12/24 HOUR STD    |                               | 728001  | 12.86 |   |      |   |      |
| UPPER LIMIT       |                               | 1456002 | 13.36 |   |      |   |      |
| LOWER LIMIT       |                               | 364001  | 12.36 |   |      |   |      |
| LAB SAMPLE ID     | CLIENT SAMPLE ID              |         |       |   |      |   |      |
| LCS 410-708376/4  |                               | 749736  | 12.86 |   |      |   |      |
| LCSD 410-708376/5 |                               | 712595  | 12.86 |   |      |   |      |
| MB 410-708376/7   |                               | 683617  | 12.86 |   |      |   |      |
| 410-243359-14     | HD-QC1-0/1-2                  | 665414  | 12.86 |   |      |   |      |
| 410-243359-1      | HD-COD-SW-6-0/1-0             | 680654  | 12.86 |   |      |   |      |
| 410-243359-2      | HD-COD-SW-7-0/1-0             | 709134  | 12.86 |   |      |   |      |
| 410-243359-3      | HD-COD-SW-8-0/1-0             | 664220  | 12.86 |   |      |   |      |
| 410-243359-4      | HD-COD-SW-9-0/1-0             | 689445  | 12.86 |   |      |   |      |
| 410-243359-5      | HD-COD-SW-13-0/1-0            | 639000  | 12.86 |   |      |   |      |
| 410-243359-6      | HD-COD-SW-15-0/1-0            | 665453  | 12.86 |   |      |   |      |
| 410-243359-6 MS   | HD-COD-SW-15-0/1-0 MS<br>MS   | 697835  | 12.86 |   |      |   |      |
| 410-243359-6 MSD  | HD-COD-SW-15-0/1-0<br>MSD MSD | 706284  | 12.86 |   |      |   |      |
| 410-243359-7      | HD-COD-SW-16-0/1-0            | 717973  | 12.86 |   |      |   |      |
| 410-243359-8      | HD-COD-SW-17-0/1-0            | 725976  | 12.86 |   |      |   |      |
| 410-243359-9      | HD-COD-SW-26-0/1-0            | 711374  | 12.86 |   |      |   |      |
| 410-243359-10     | HD-COD-SW-27-0/1-0            | 681916  | 12.86 |   |      |   |      |
| 410-243359-11     | HD-COD-SW-28-0/1-0            | 679852  | 12.86 |   |      |   |      |
| 410-243359-12     | HD-COD-SW-29-0/1-0            | 683796  | 12.86 |   |      |   |      |
| 410-243359-13     | HD-QC1-0/1-1                  | 706400  | 12.86 |   |      |   |      |

DCBd4 = 1,4-Dichlorobenzene-d4

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

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-710012/3      Date Analyzed: 10/07/2025 09:21

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

Lab File ID (Standard): HC07X02.D      Heated Purge: (Y/N) N

Calibration ID: 74558

|                   |                       | TBAd10           |      | FB      |      | CBZd5   |       |
|-------------------|-----------------------|------------------|------|---------|------|---------|-------|
|                   |                       | AREA #           | RT # | AREA #  | RT # | AREA #  | RT #  |
| 12/24 HOUR STD    |                       | 63903            | 3.87 | 1869580 | 7.35 | 1374668 | 10.95 |
| UPPER LIMIT       |                       | 127806           | 4.37 | 3739160 | 7.85 | 2749336 | 11.45 |
| LOWER LIMIT       |                       | 31952            | 3.37 | 934790  | 6.85 | 687334  | 10.45 |
| LAB SAMPLE ID     |                       | CLIENT SAMPLE ID |      |         |      |         |       |
| LCS 410-710012/6  |                       | 67096            | 3.86 | 1795386 | 7.34 | 1317556 | 10.95 |
| LCSD 410-710012/7 |                       | 63736            | 3.88 | 1798940 | 7.35 | 1327492 | 10.95 |
| MB 410-710012/9   |                       | 60670            | 3.89 | 1722782 | 7.35 | 1261732 | 10.95 |
| 410-243359-8 DL   | HD-COD-SW-17-0/1-0 DL | 28684*3          | 3.92 | 1747085 | 7.35 | 1281888 | 10.95 |
| 410-243359-13 DL  | HD-QC1-0/1-1 DL       | 40174            | 3.87 | 1743593 | 7.34 | 1272254 | 10.95 |

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

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

RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

\*3=ISTD response or retention time outside acceptable limits.

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-710012/3      Date Analyzed: 10/07/2025 09:21

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

Lab File ID (Standard): HC07X02.D      Heated Purge: (Y/N) N

Calibration ID: 74558

|                   |                       | DCBd4   |       |   |      |   |      |
|-------------------|-----------------------|---------|-------|---|------|---|------|
|                   |                       | AREA #  | RT #  | # | RT # | # | RT # |
| 12/24 HOUR STD    |                       | 764093  | 12.86 |   |      |   |      |
| UPPER LIMIT       |                       | 1528186 | 13.36 |   |      |   |      |
| LOWER LIMIT       |                       | 382047  | 12.36 |   |      |   |      |
| LAB SAMPLE ID     | CLIENT SAMPLE ID      |         |       |   |      |   |      |
| LCS 410-710012/6  |                       | 714279  | 12.86 |   |      |   |      |
| LCSD 410-710012/7 |                       | 720829  | 12.86 |   |      |   |      |
| MB 410-710012/9   |                       | 676047  | 12.86 |   |      |   |      |
| 410-243359-8 DL   | HD-COD-SW-17-0/1-0 DL | 674914  | 12.86 |   |      |   |      |
| 410-243359-13 DL  | HD-QC1-0/1-1 DL       | 680439  | 12.86 |   |      |   |      |

DCBd4 = 1,4-Dichlorobenzene-d4

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

# Column used to flag values outside QC limits

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-1

Matrix: Water

Lab File ID: HC02X09.D

Analysis Method: 8260D

Date Collected: 09/22/2025 10:55

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 21:14

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | ND     |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | ND     |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | ND     |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | 0.16   | J | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 0.085  | J | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | ND     |   | 0.50 | 0.20  |



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-6-0/1-0 Lab Sample ID: 410-243359-1

Matrix: Water Lab File ID: HC02X09.D

Analysis Method: 8260D Date Collected: 09/22/2025 10:55

Sample wt/vol: 25 (mL) Date Analyzed: 10/02/2025 21:14

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376 Units: ug/L

Preparation Batch No.: \_\_\_\_\_ Instrument ID: 19094

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

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 107  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 93   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 100  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 94   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X09.D  
 Lims ID: 410-243359-A-1  
 Client ID: HD-COD-SW-6-0/1-0  
 Sample Type: Client  
 Inject. Date: 02-Oct-2025 21:14:30 ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-010  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:02:31 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:02:31

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 2.001     | 1.995         | 0.006         | 98 | 10909    | 0.1583         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             |       |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  |           | 3.519         |               |    |          | ND             | 7     |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.873     | 3.873         | 0.000         | 1  | 59509    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             | 7     |
| 42 cis-1,2-Dichloroethene          | 96  | 5.781     | 5.720         | 0.061         | 1  | 4202     | 0.0854         |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.238     | 6.214         | 0.024         | 15 | 3476     | 0.0428         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 94 | 372598   | 9.98           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.446         |               |    |          | ND             |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 5  | 72757    | 10.7           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1608289  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.878     | 7.836         | 0.042         | 82 | 3623     | 0.0694         | M     |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1659325  | 9.36           |       |
| 84 Toluene                         | 92  | 9.524     | 9.506         | 0.018         | 95 | 6418     | 0.0467         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 |           | 10.085        |               |    |          | ND             | 7     |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85 | 1273972  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             | 7     |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             | 7     |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 94 | 596267   | 9.32           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 95 | 680654   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:02:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X09.D

Injection Date: 02-Oct-2025 21:14:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-1

Lab Sample ID: 410-243359-1

Worklist Smp#: 10

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

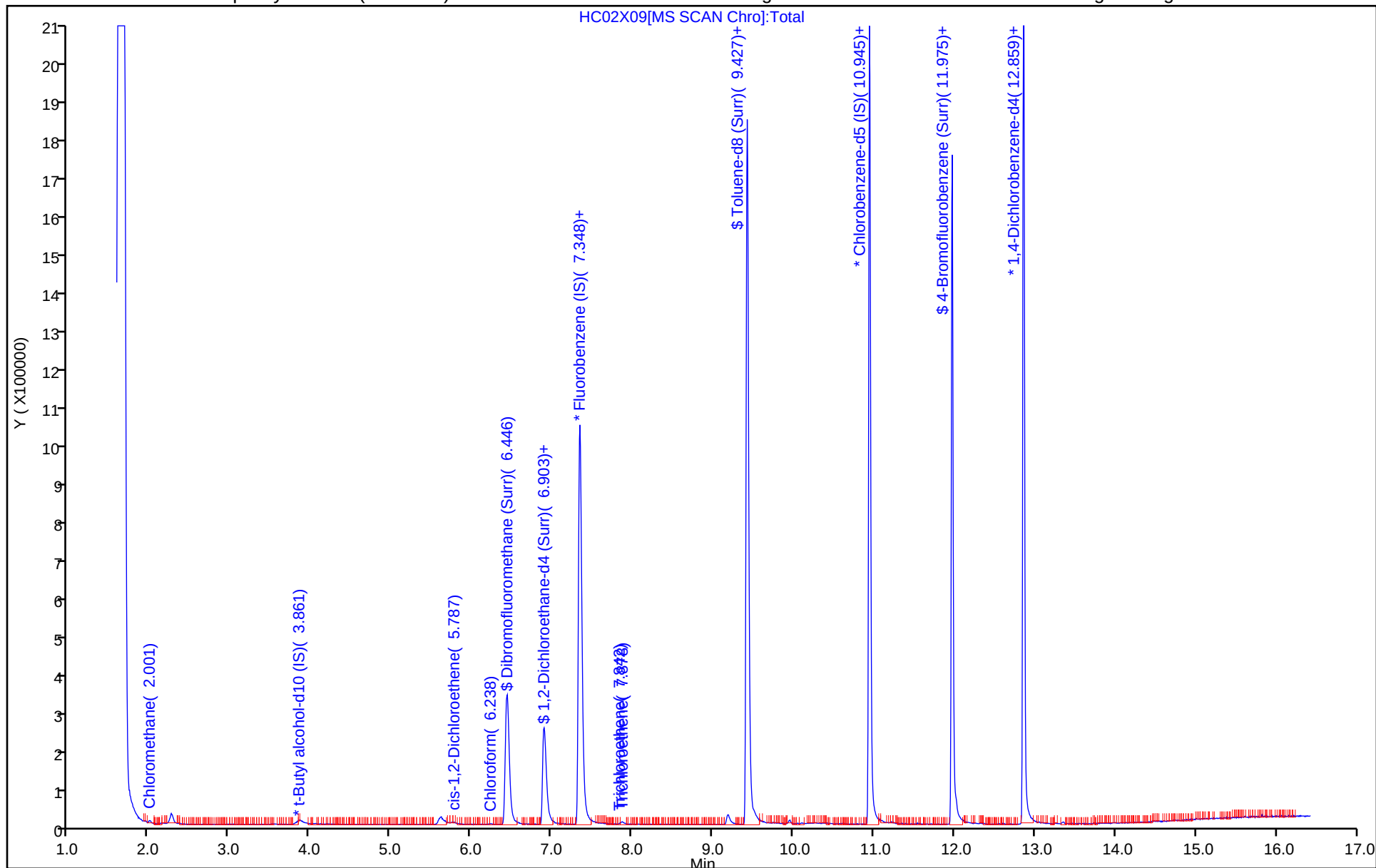
ALS Bottle#: 9

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X09.D  
Lims ID: 410-243359-A-1  
Client ID: HD-COD-SW-6-0/1-0  
Sample Type: Client  
Inject. Date: 02-Oct-2025 21:14:30 ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-010  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:02:31 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:02:31

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 9.98             | 99.81  |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.7             | 107.49 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.36             | 93.63  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.32             | 93.17  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X09.D

Injection Date: 02-Oct-2025 21:14:30

Instrument ID: 19094

Lims ID: 410-243359-A-1

Lab Sample ID: 410-243359-1

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

Operator ID: hr3z

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 25.000 mL

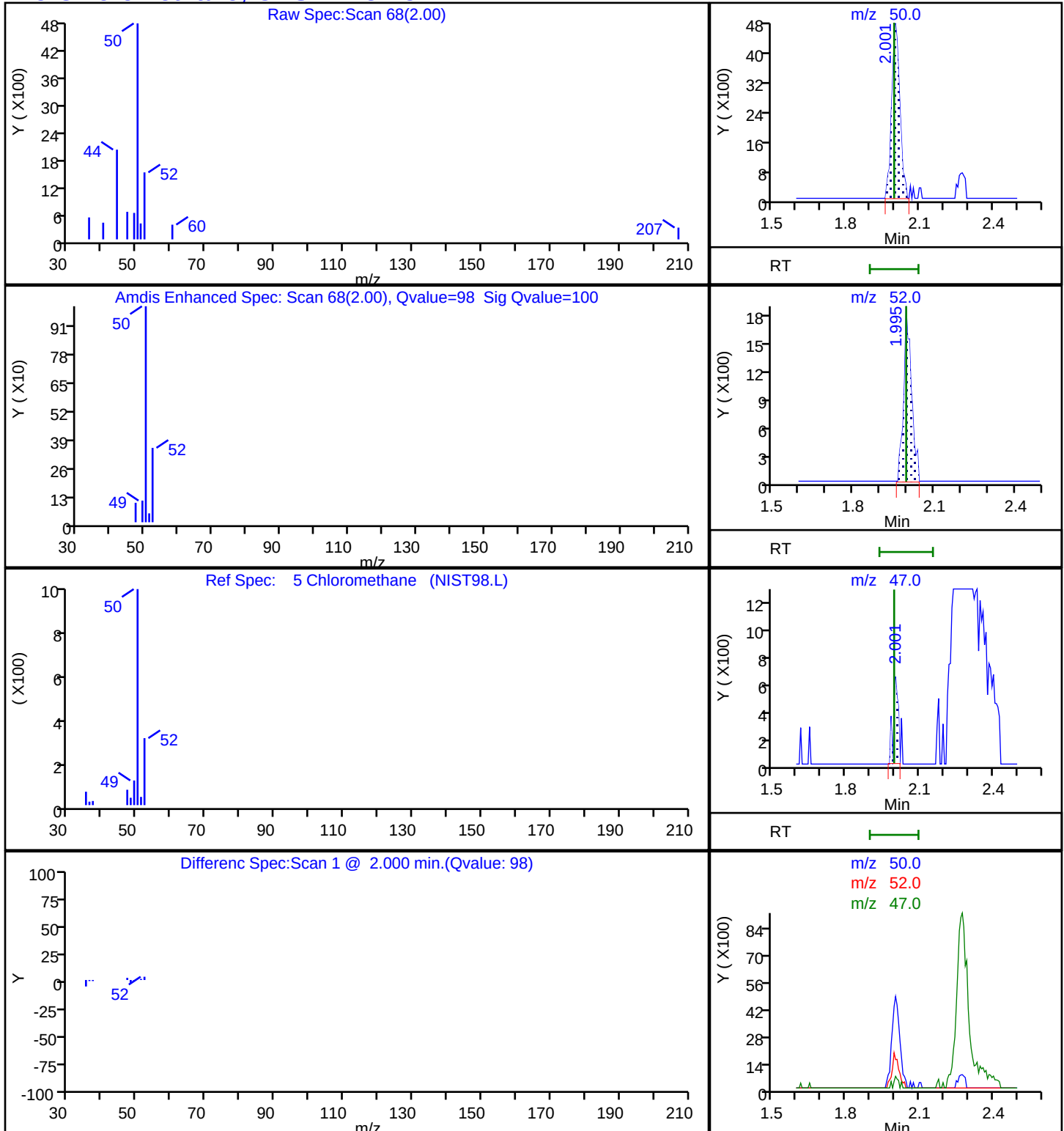
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**5 Chloromethane, CAS: 74-87-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X09.D

Injection Date: 02-Oct-2025 21:14:30

Instrument ID: 19094

Lims ID: 410-243359-A-1

Lab Sample ID: 410-243359-1

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

Operator ID: hr3z

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 25.000 mL

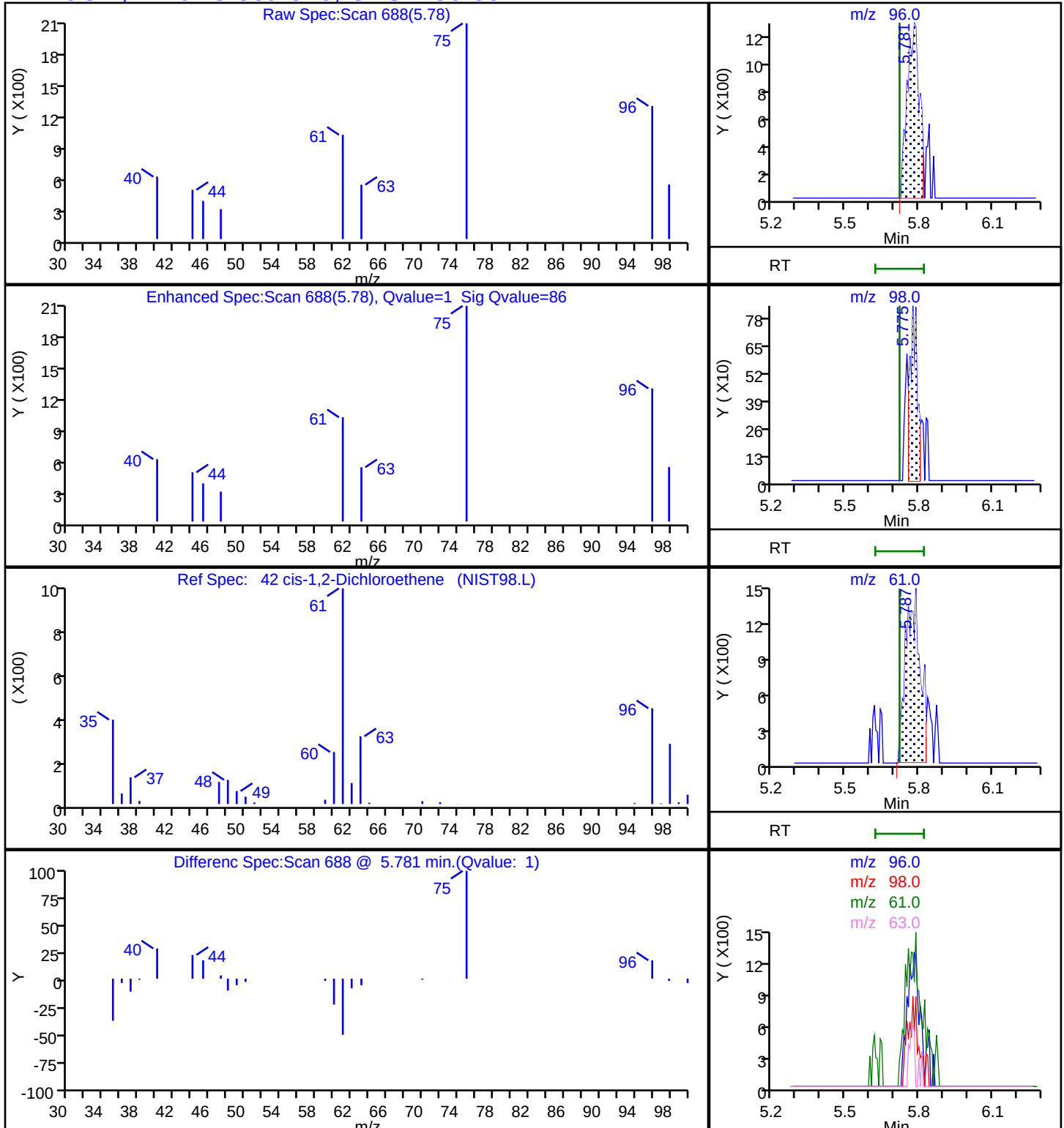
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

## Eurofins Lancaster Laboratories Environment Testing, LLC

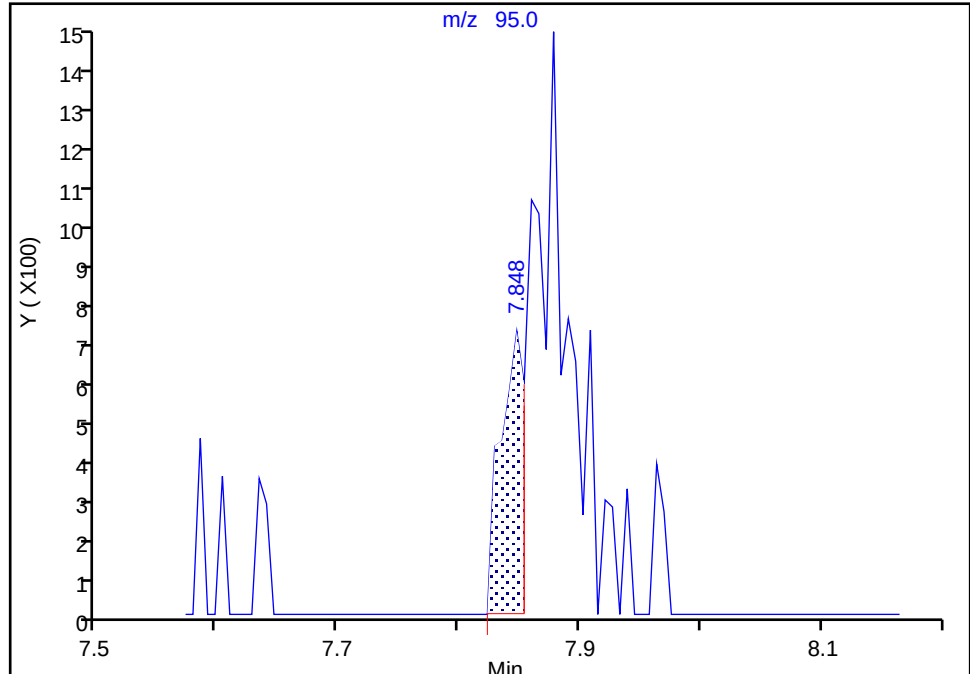
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X09.D  
Injection Date: 02-Oct-2025 21:14:30 Instrument ID: 19094  
Lims ID: 410-243359-A-1 Lab Sample ID: 410-243359-1  
Client ID: HD-COD-SW-6-0/1-0  
Operator ID: hr3z ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**67 Trichloroethene, CAS: 79-01-6**

Signal: 1

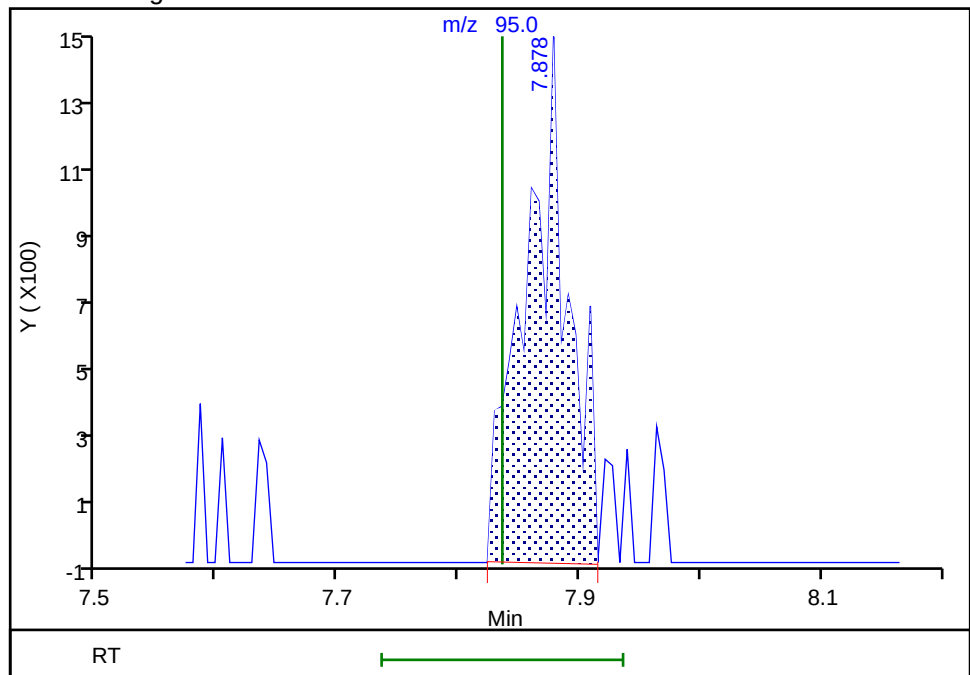
RT: 7.85  
Area: 999  
Amount: 0.019145  
Amount Units: ug/l

## Processing Integration Results



RT: 7.88  
Area: 3623  
Amount: 0.069431  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:02:21 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-2

Matrix: Water

Lab File ID: HC02X10.D

Analysis Method: 8260D

Date Collected: 09/22/2025 11:50

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 21:35

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

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

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-7-0/1-0      Lab Sample ID: 410-243359-2

Matrix: Water      Lab File ID: HC02X10.D

Analysis Method: 8260D      Date Collected: 09/22/2025 11:50

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 21:35

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | ND     |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 0.18   | J | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 94   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 100  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 95   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X10.D  
 Lims ID: 410-243359-A-2  
 Client ID: HD-COD-SW-7-0/1-0  
 Sample Type: Client  
 Inject. Date: 02-Oct-2025 21:35:30 ALS Bottle#: 10 Worklist Smp#: 11  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-011  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:04:01 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:04:01

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 2.007     | 1.995         | 0.012         | 94 | 5554     | 0.0786         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             | 7     |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  | 3.550     | 3.519         | 0.031         | 99 | 8927     | 0.0695         |       |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.867     | 3.873         | -0.006        | 1  | 61639    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.763     | 5.720         | 0.043         | 76 | 10614    | 0.2103         | M     |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.220     | 6.214         | 0.006         | 62 | 8825     | 0.1060         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 93 | 382638   | 10.0           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.446         |               |    |          | ND             |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 1  | 69132    | 9.96           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1649319  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.854     | 7.836         | 0.018         | 93 | 9818     | 0.1835         | M     |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1718325  | 9.49           |       |
| 84 Toluene                         | 92  | 9.518     | 9.506         | 0.012         | 91 | 4698     | 0.0335         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.103    | 10.085        | 0.018         | 93 | 3289     | 0.0496         |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85 | 1301692  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             |       |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 93 | 613272   | 9.38           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 709134   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:04:01

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X10.D

Injection Date: 02-Oct-2025 21:35:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-2

Lab Sample ID: 410-243359-2

Worklist Smp#: 11

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

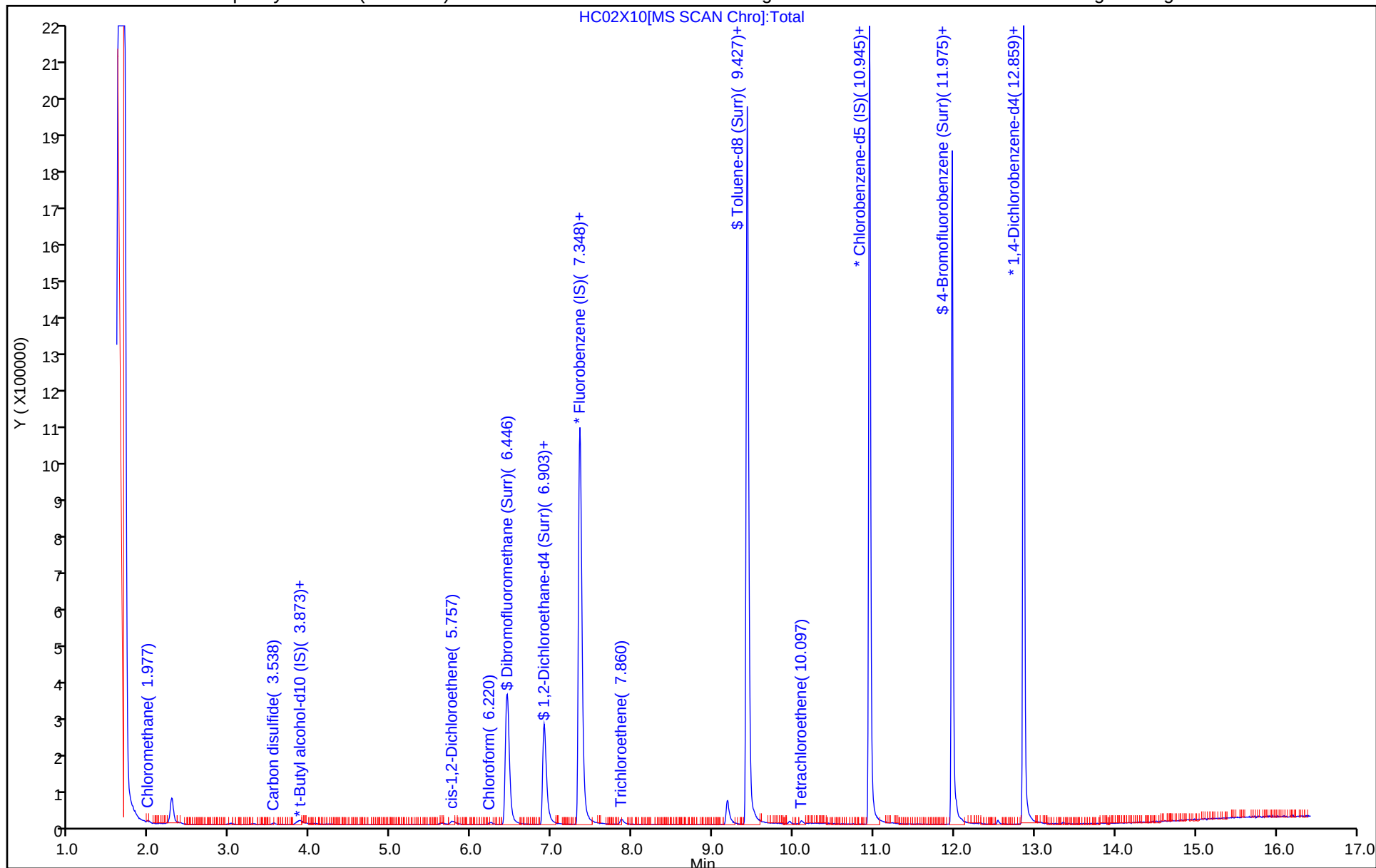
ALS Bottle#: 10

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X10.D  
Lims ID: 410-243359-A-2  
Client ID: HD-COD-SW-7-0/1-0  
Sample Type: Client  
Inject. Date: 02-Oct-2025 21:35:30 ALS Bottle#: 10 Worklist Smp#: 11  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-011  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:04:01 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:04:01

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.0             | 99.95  |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 9.96             | 99.59  |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.49             | 94.89  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.38             | 93.78  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X10.D

Injection Date: 02-Oct-2025 21:35:30

Instrument ID: 19094

Lims ID: 410-243359-A-2

Lab Sample ID: 410-243359-2

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

Operator ID: hr3z

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

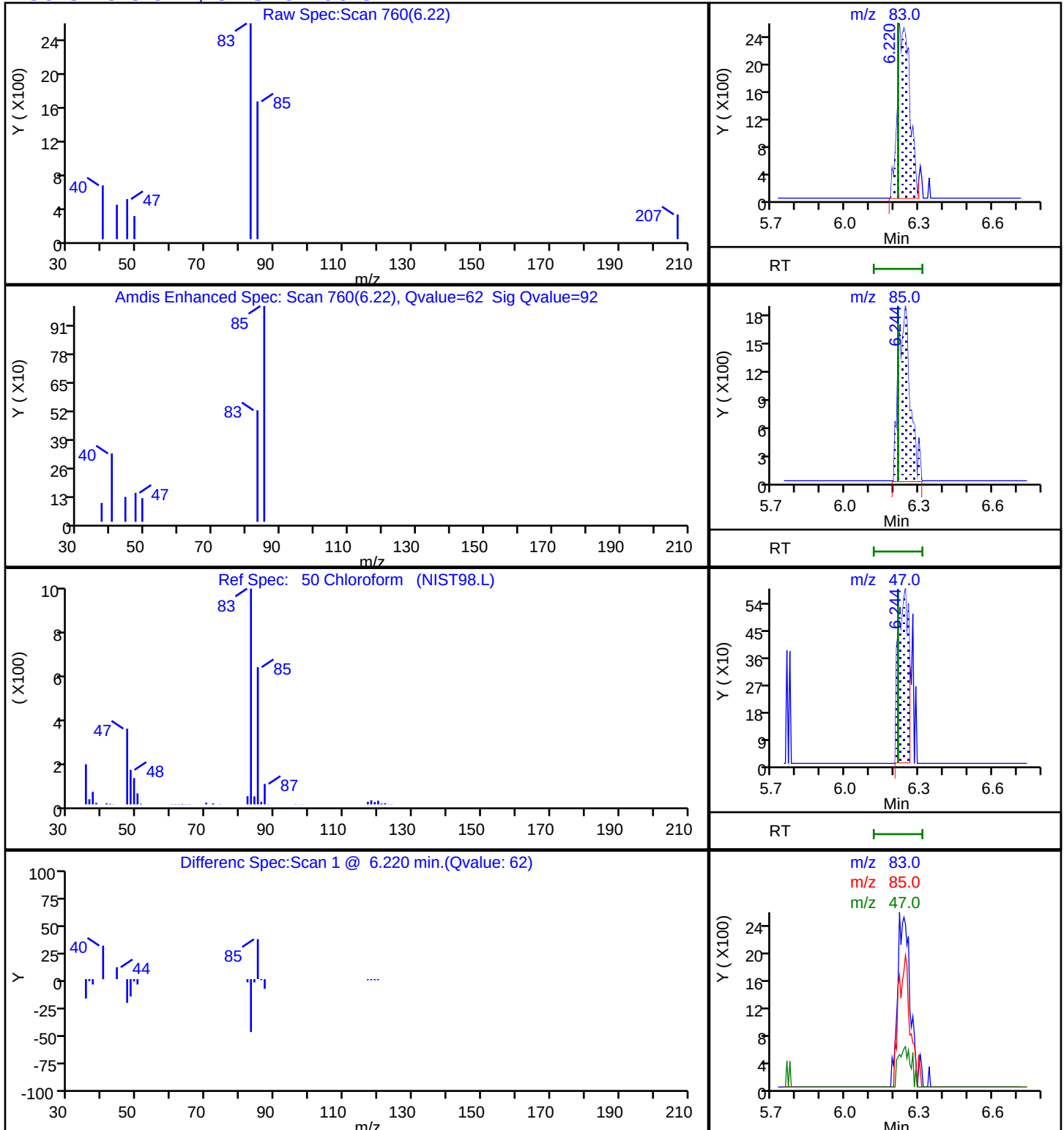
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**50 Chloroform, CAS: 67-66-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X10.D

Injection Date: 02-Oct-2025 21:35:30

Instrument ID: 19094

Lims ID: 410-243359-A-2

Lab Sample ID: 410-243359-2

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

Operator ID: hr3z

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

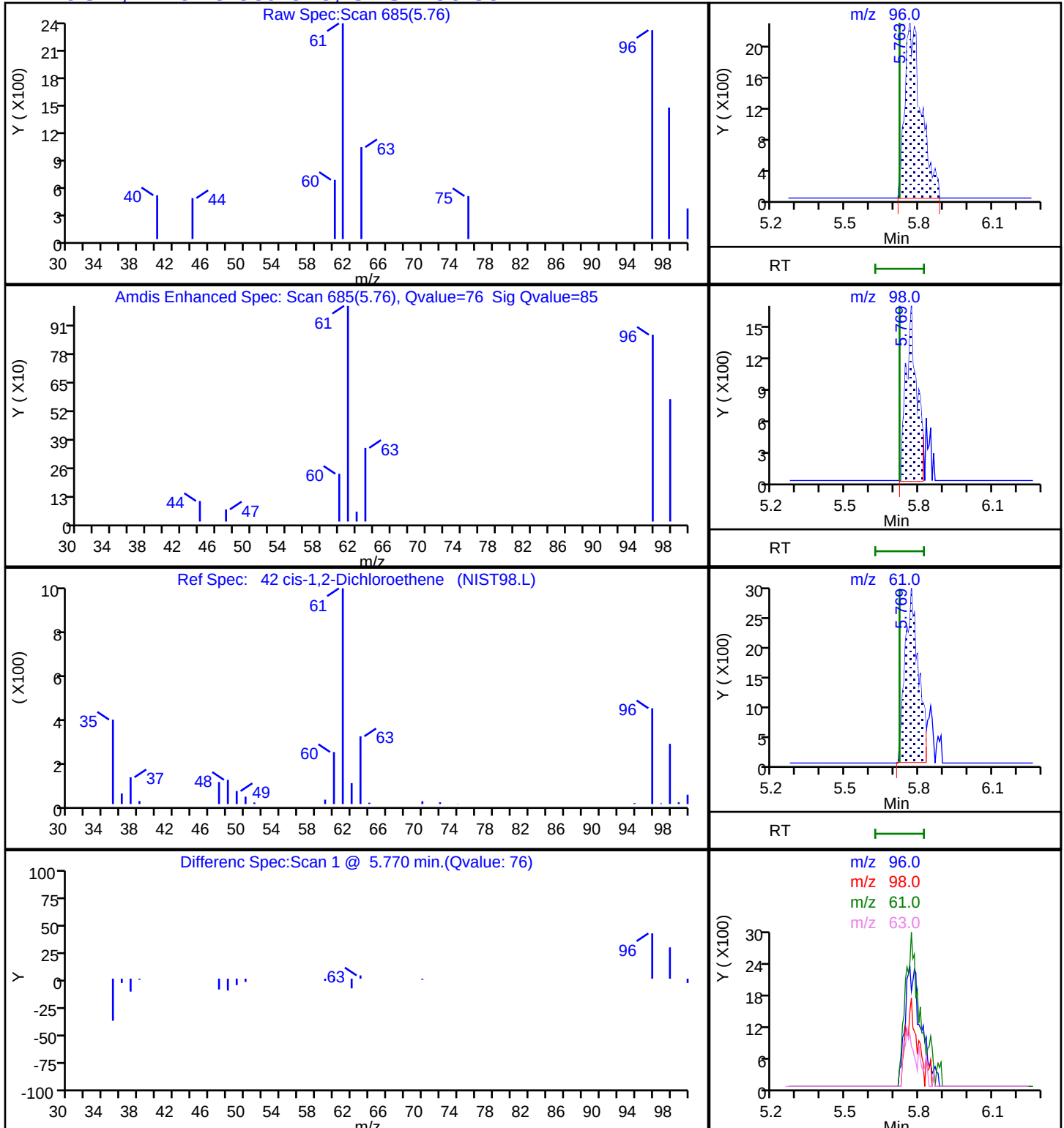
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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



Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X10.D

Injection Date: 02-Oct-2025 21:35:30

Instrument ID: 19094

Lims ID: 410-243359-A-2

Lab Sample ID: 410-243359-2

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

Operator ID: hr3z

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

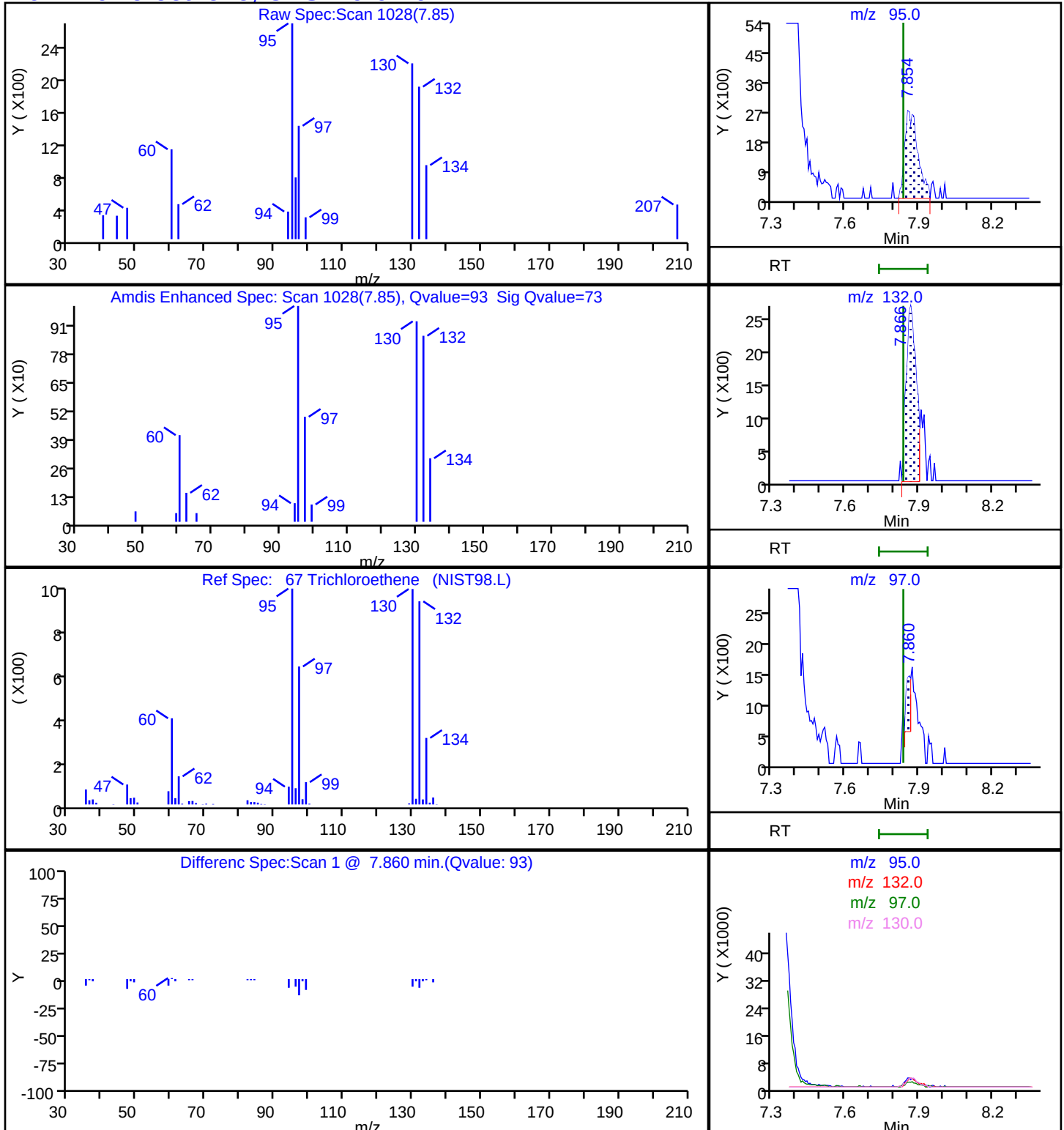
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

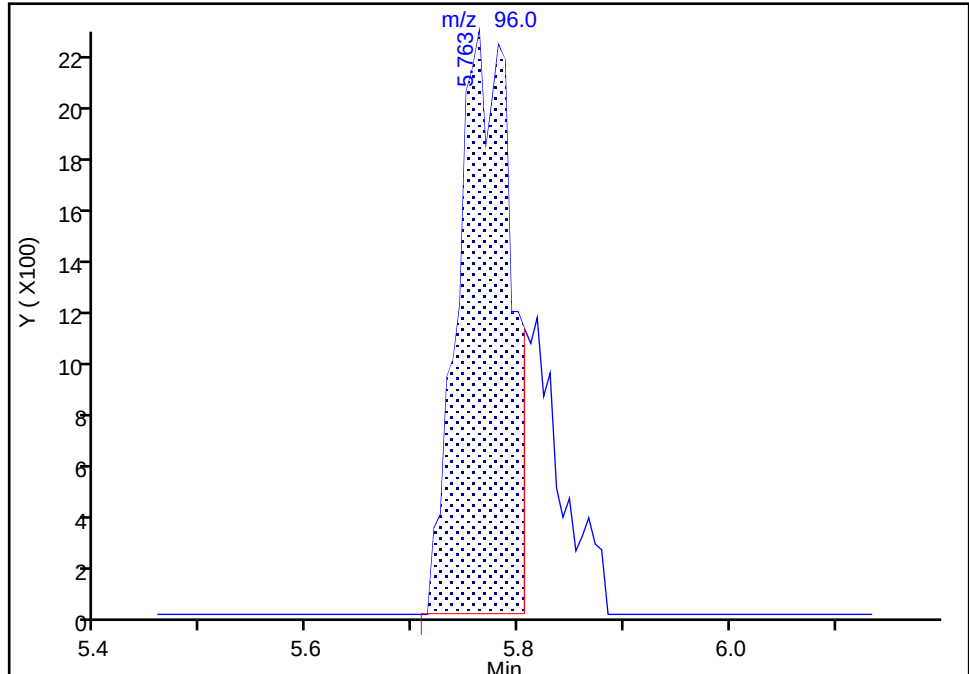
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X10.D  
Injection Date: 02-Oct-2025 21:35:30 Instrument ID: 19094  
Lims ID: 410-243359-A-2 Lab Sample ID: 410-243359-2  
Client ID: HD-COD-SW-7-0/1-0  
Operator ID: hr3z ALS Bottle#: 10 Worklist Smp#: 11  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

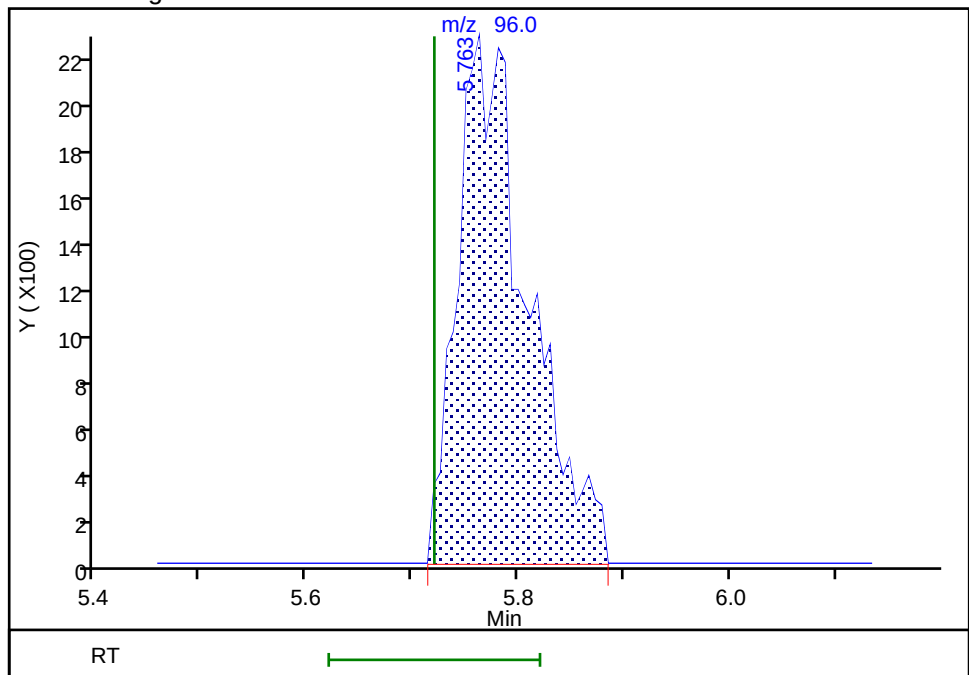
RT: 5.76  
Area: 8110  
Amount: 0.160649  
Amount Units: ug/l

## Processing Integration Results



RT: 5.76  
Area: 10614  
Amount: 0.210251  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:03:26 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

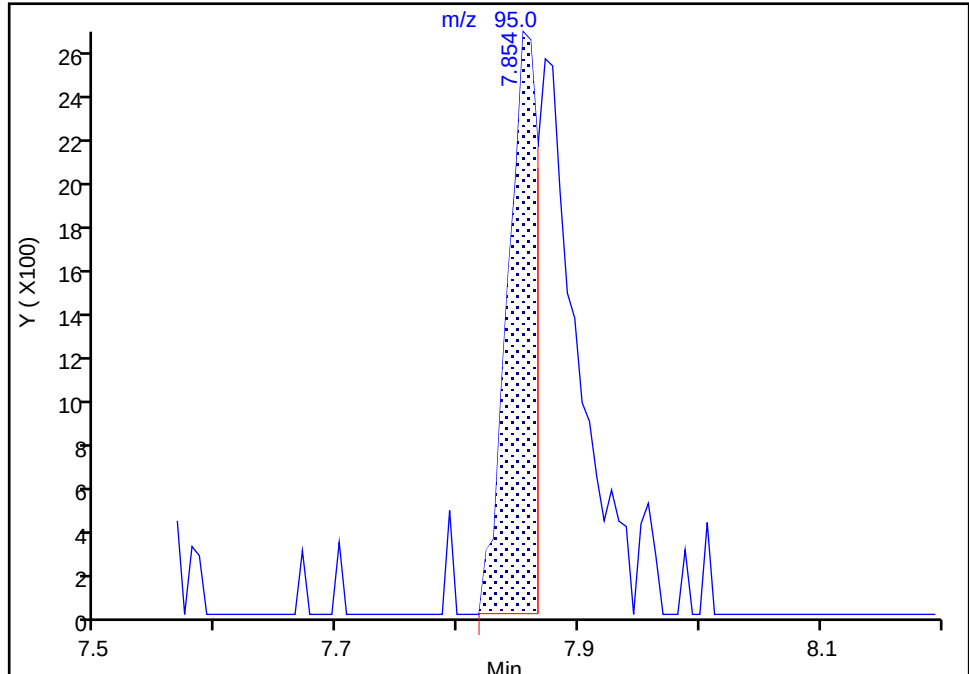
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X10.D  
Injection Date: 02-Oct-2025 21:35:30 Instrument ID: 19094  
Lims ID: 410-243359-A-2 Lab Sample ID: 410-243359-2  
Client ID: HD-COD-SW-7-0/1-0  
Operator ID: hr3z ALS Bottle#: 10 Worklist Smp#: 11  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**67 Trichloroethene, CAS: 79-01-6**

Signal: 1

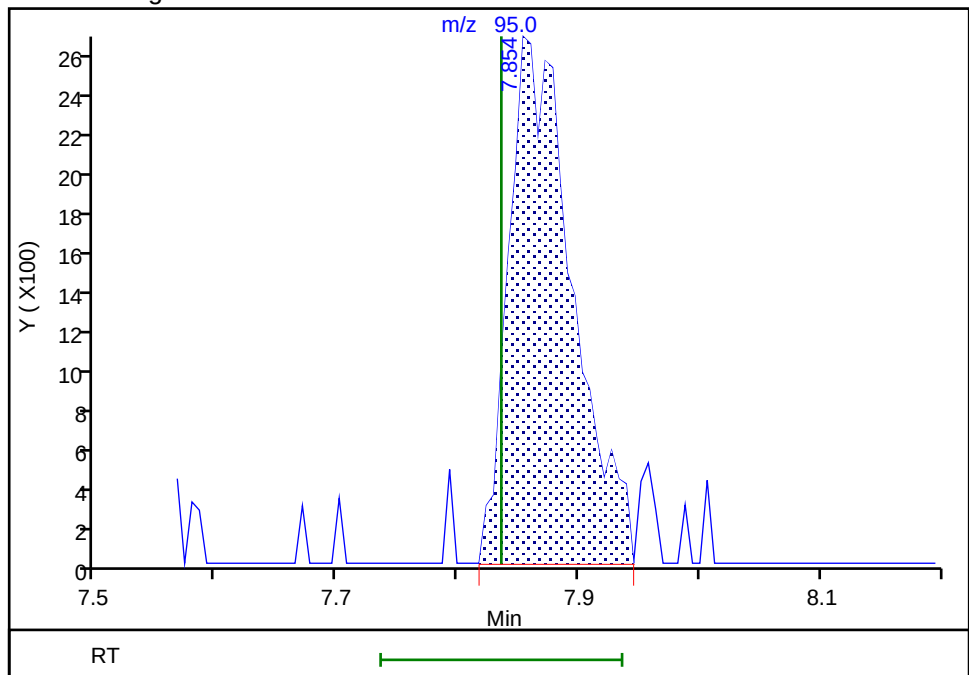
RT: 7.85  
Area: 4643  
Amount: 0.086765  
Amount Units: ug/l

## Processing Integration Results



RT: 7.85  
Area: 9818  
Amount: 0.183471  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:03:49 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-3

Matrix: Water

Lab File ID: HC02X11.D

Analysis Method: 8260D

Date Collected: 09/22/2025 09:47

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 21:56

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | ND     |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | ND     |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | ND     |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | ND     |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 0.19   | J | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 0.96   |   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-8-0/1-0      Lab Sample ID: 410-243359-3

Matrix: Water      Lab File ID: HC02X11.D

Analysis Method: 8260D      Date Collected: 09/22/2025 09:47

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 21:56

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | ND     |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 0.21   | J | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 105  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 92   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 102  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 95   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X11.D  
 Lims ID: 410-243359-A-3  
 Client ID: HD-COD-SW-8-0/1-0  
 Sample Type: Client  
 Inject. Date: 02-Oct-2025 21:56:30 ALS Bottle#: 11 Worklist Smp#: 12  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-012  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:05:02 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:05:02

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 2.008     | 1.995         | 0.013         | 98 | 5997     | 0.0902         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             | 7     |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  | 3.532     | 3.519         | 0.013         | 71 | 5385     | 0.0446         |       |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.867     | 3.873         | -0.006        | 1  | 61001    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             | 7     |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             | 7     |
| 42 cis-1,2-Dichloroethene          | 96  | 5.775     | 5.720         | 0.055         | 82 | 9226     | 0.1942         |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.232     | 6.214         | 0.018         | 12 | 6397     | 0.0816         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 94 | 367885   | 10.2           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.446     | 6.446         | 0.000         | 36 | 5562     | 0.0759         |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.909     | 6.897         | 0.012         | 6  | 68817    | 10.5           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1552041  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.854     | 7.836         | 0.018         | 93 | 10471    | 0.2079         | M     |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1633195  | 9.52           |       |
| 84 Toluene                         | 92  | 9.524     | 9.506         | 0.018         | 98 | 7673     | 0.0577         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             | 7     |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.091    | 10.085        | 0.006         | 98 | 60350    | 0.9606         |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85 | 1233721  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             | 7     |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 93 | 568666   | 9.18           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 95 | 664220   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:05:02

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X11.D

Injection Date: 02-Oct-2025 21:56:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-3

Lab Sample ID: 410-243359-3

Worklist Smp#: 12

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

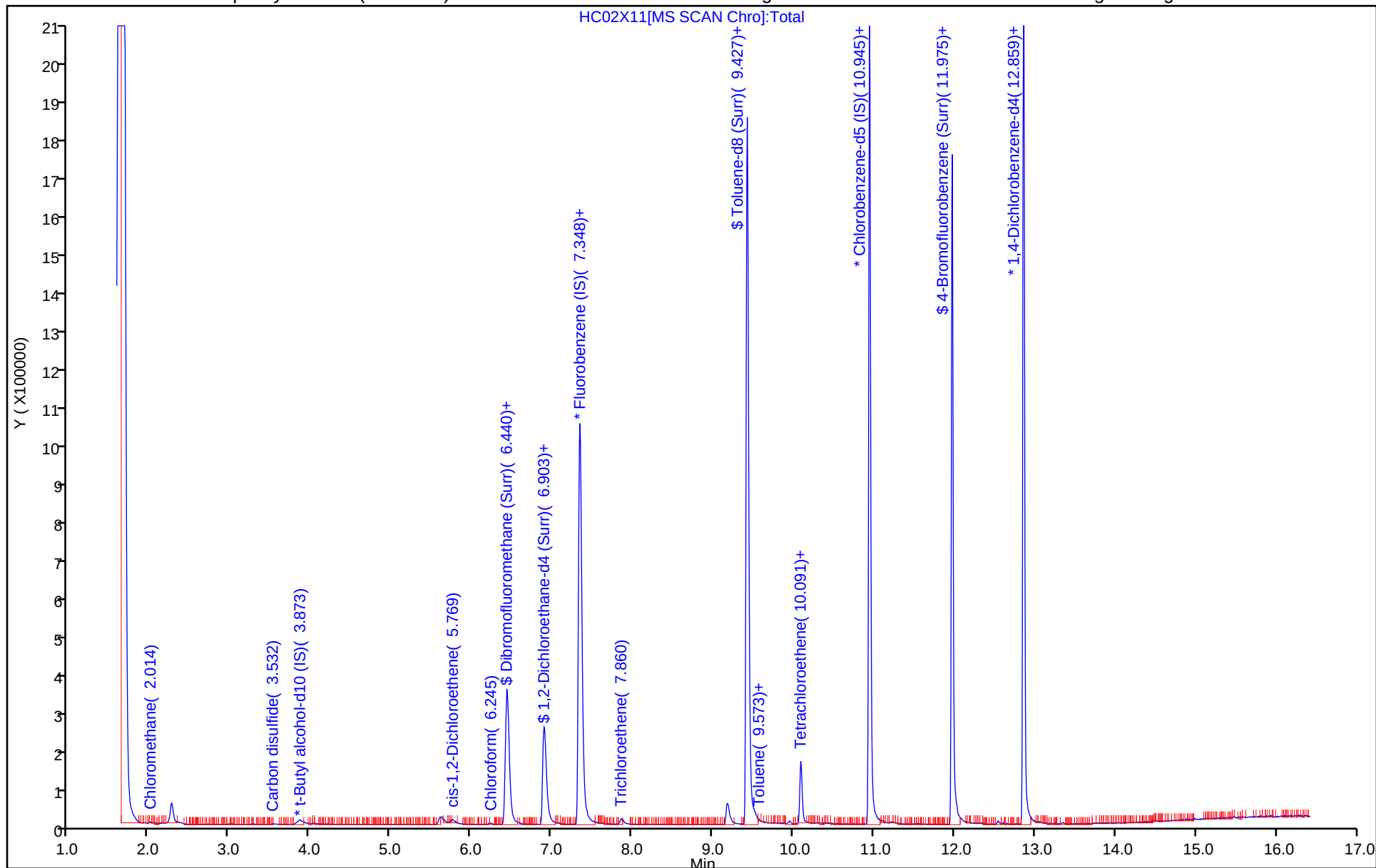
ALS Bottle#: 11

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2





Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X11.D  
Lims ID: 410-243359-A-3  
Client ID: HD-COD-SW-8-0/1-0  
Sample Type: Client  
Inject. Date: 02-Oct-2025 21:56:30 ALS Bottle#: 11 Worklist Smp#: 12  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-012  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:05:02 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:05:02

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.2             | 102.12 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.5             | 105.35 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.52             | 95.16  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.18             | 91.75  |

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X11.D

Injection Date: 02-Oct-2025 21:56:30

Instrument ID: 19094

Lims ID: 410-243359-A-3

Lab Sample ID: 410-243359-3

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

Operator ID: hr3z

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 25.000 mL

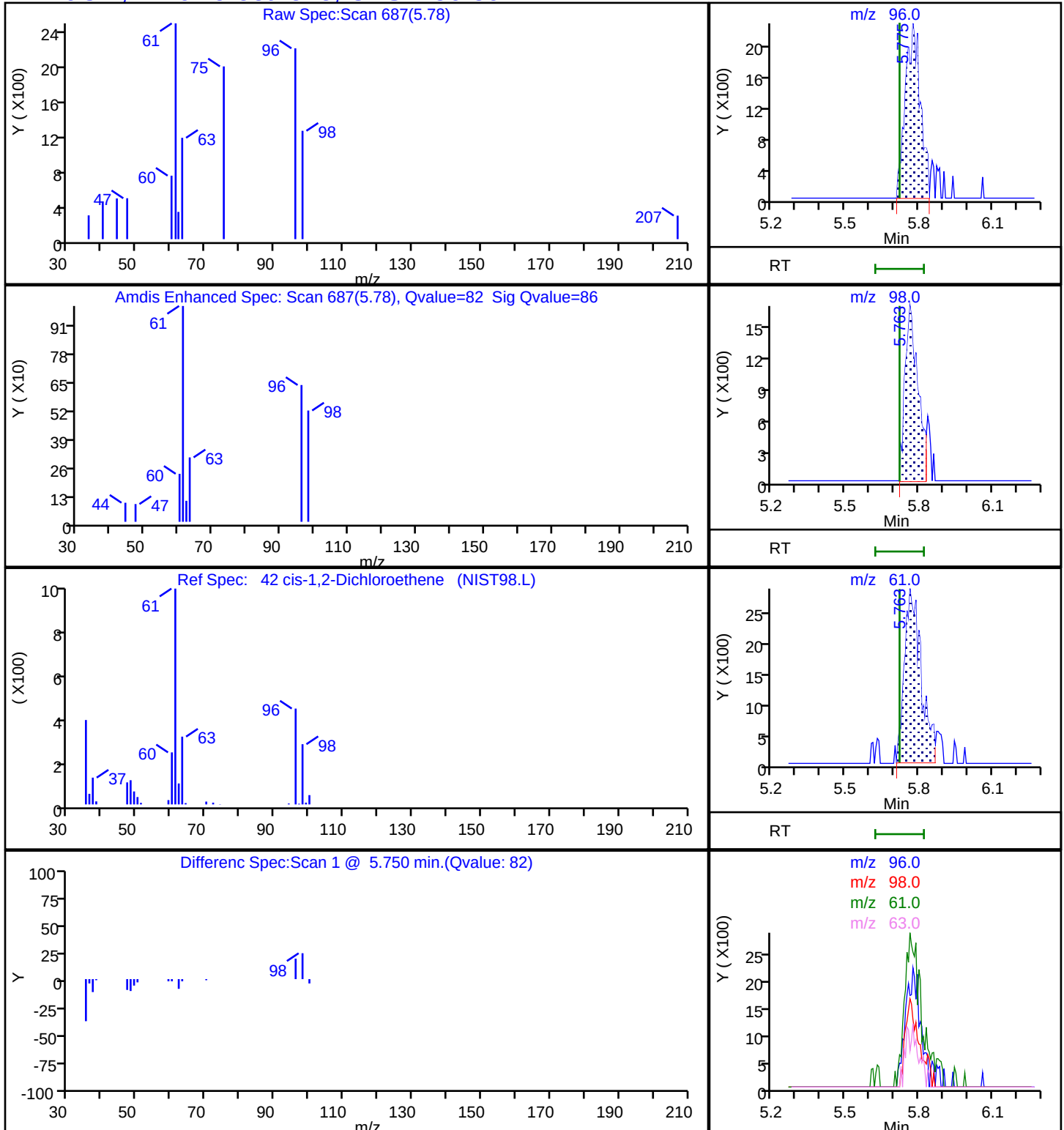
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X11.D

Injection Date: 02-Oct-2025 21:56:30

Instrument ID: 19094

Lims ID: 410-243359-A-3

Lab Sample ID: 410-243359-3

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

Operator ID: hr3z

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 25.000 mL

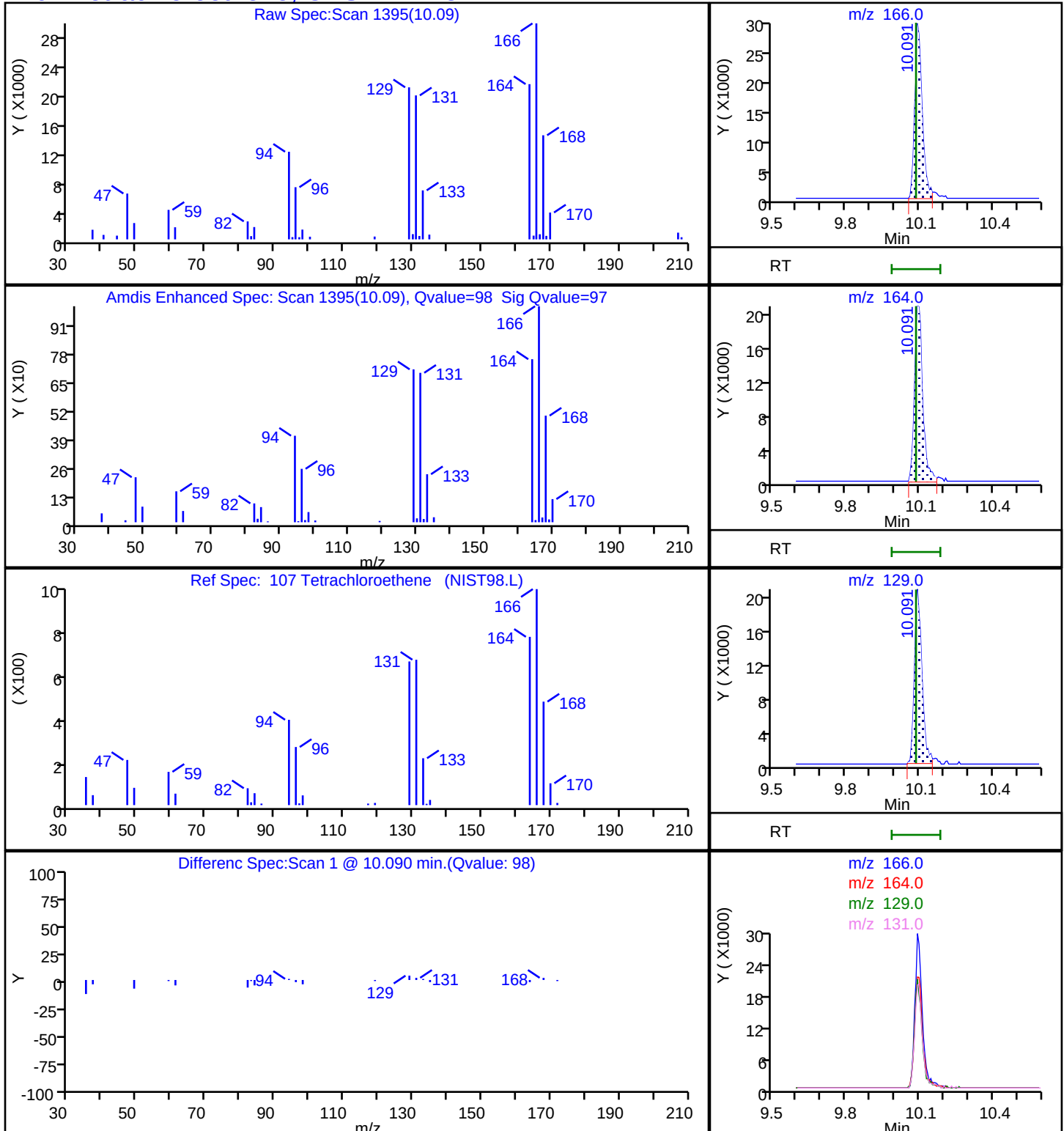
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X11.D

Injection Date: 02-Oct-2025 21:56:30

Instrument ID: 19094

Lims ID: 410-243359-A-3

Lab Sample ID: 410-243359-3

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

Operator ID: hr3z

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 25.000 mL

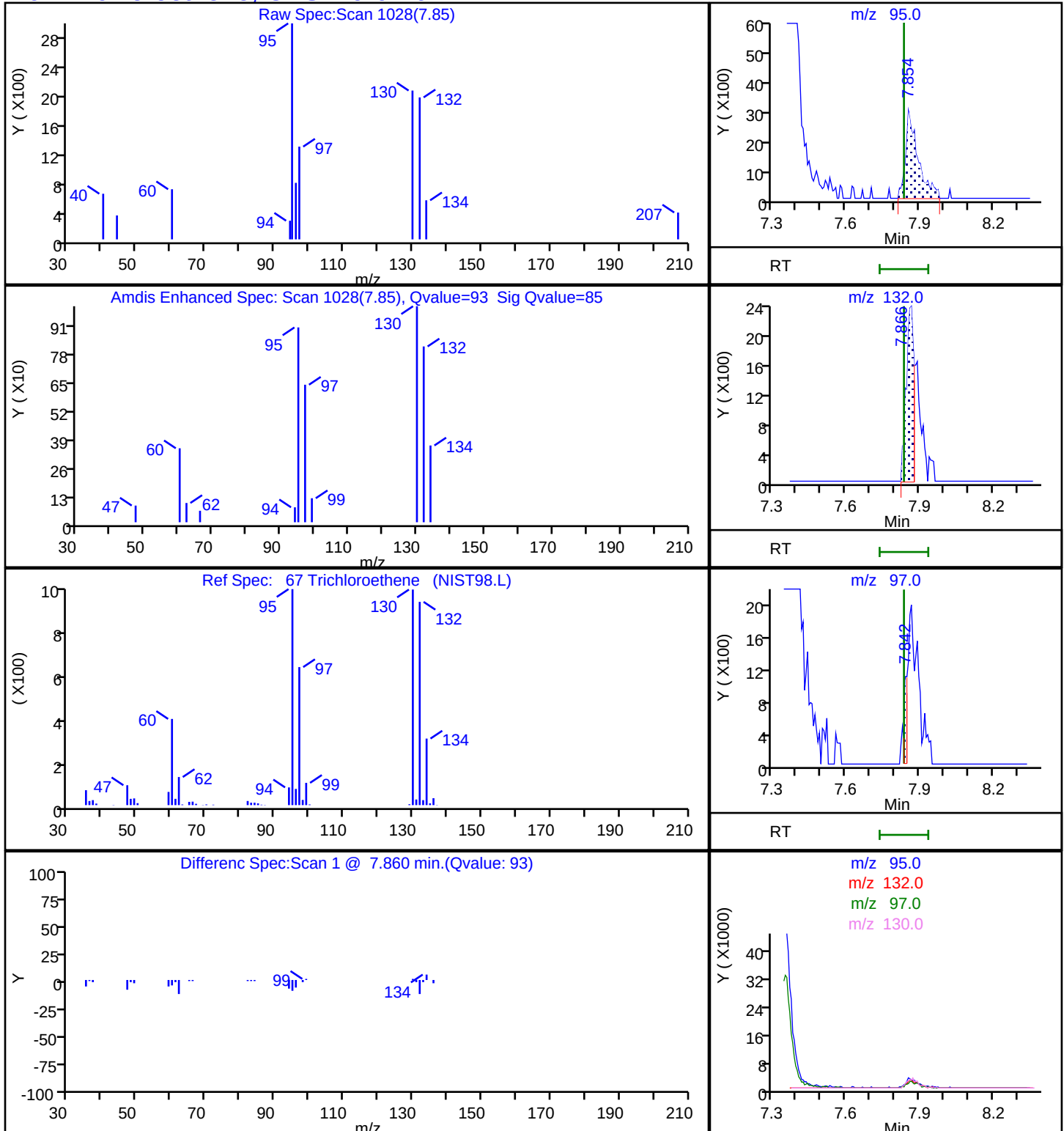
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

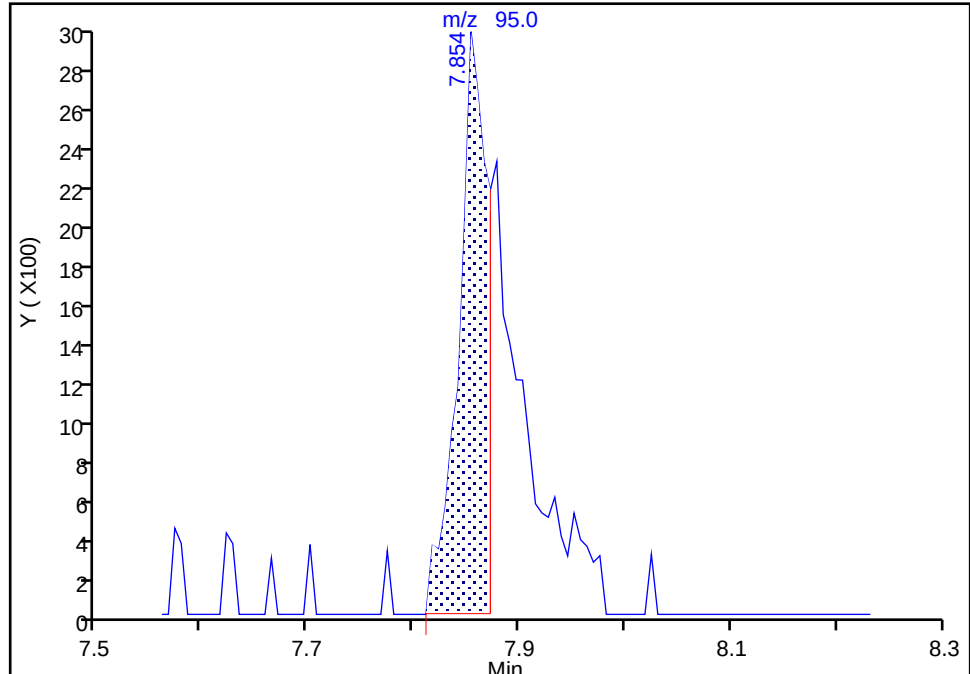
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X11.D  
Injection Date: 02-Oct-2025 21:56:30 Instrument ID: 19094  
Lims ID: 410-243359-A-3 Lab Sample ID: 410-243359-3  
Client ID: HD-COD-SW-8-0/1-0  
Operator ID: hr3z ALS Bottle#: 11 Worklist Smp#: 12  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**67 Trichloroethene, CAS: 79-01-6**

Signal: 1

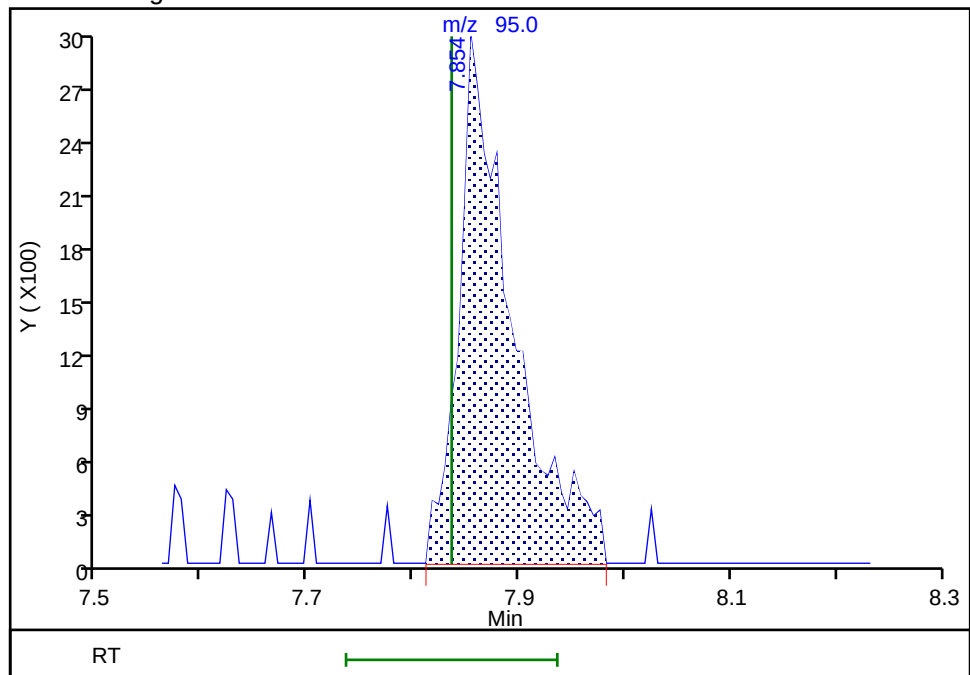
RT: 7.85  
Area: 5651  
Amount: 0.112220  
Amount Units: ug/l

## Processing Integration Results



RT: 7.85  
Area: 10471  
Amount: 0.207938  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:04:48 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-4

Matrix: Water

Lab File ID: HC02X12.D

Analysis Method: 8260D

Date Collected: 09/22/2025 13:37

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 22:17

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

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

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-9-0/1-0      Lab Sample ID: 410-243359-4

Matrix: Water      Lab File ID: HC02X12.D

Analysis Method: 8260D      Date Collected: 09/22/2025 13:37

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 22:17

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | 0.085  | J | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 0.094  | J | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 103  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 93   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 102  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 95   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X12.D  
 Lims ID: 410-243359-A-4  
 Client ID: HD-COD-SW-9-0/1-0  
 Sample Type: Client  
 Inject. Date: 02-Oct-2025 22:17:30 ALS Bottle#: 12 Worklist Smp#: 13  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-013  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:06:14 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:06:14

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 2.001     | 1.995         | 0.006         | 97 | 5156     | 0.0744         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             |       |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  | 3.532     | 3.519         | 0.013         | 94 | 7974     | 0.0633         | M     |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.873     | 3.873         | 0.000         | 1  | 67112    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  |           | 5.720         |               |    |          | ND             | U     |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.232     | 6.214         | 0.018         | 84 | 6449     | 0.0790         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.440     | 6.434         | 0.006         | 93 | 381035   | 10.2           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.446         |               |    |          | ND             | 7     |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 1  | 69868    | 10.3           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.342         | 0.000         | 99 | 1616879  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.860     | 7.836         | 0.024         | 91 | 4916     | 0.0937         | M     |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1690042  | 9.50           |       |
| 84 Toluene                         | 92  | 9.512     | 9.506         | 0.006         | 55 | 11750    | 0.0853         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             |       |



| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.091    | 10.085        | 0.006         | 97 | 13848    | 0.2127         |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1278487  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             | 7     |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             | 7     |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 93 | 598990   | 9.33           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 689445   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:06:15

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X12.D

Injection Date: 02-Oct-2025 22:17:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-4

Lab Sample ID: 410-243359-4

Worklist Smp#: 13

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

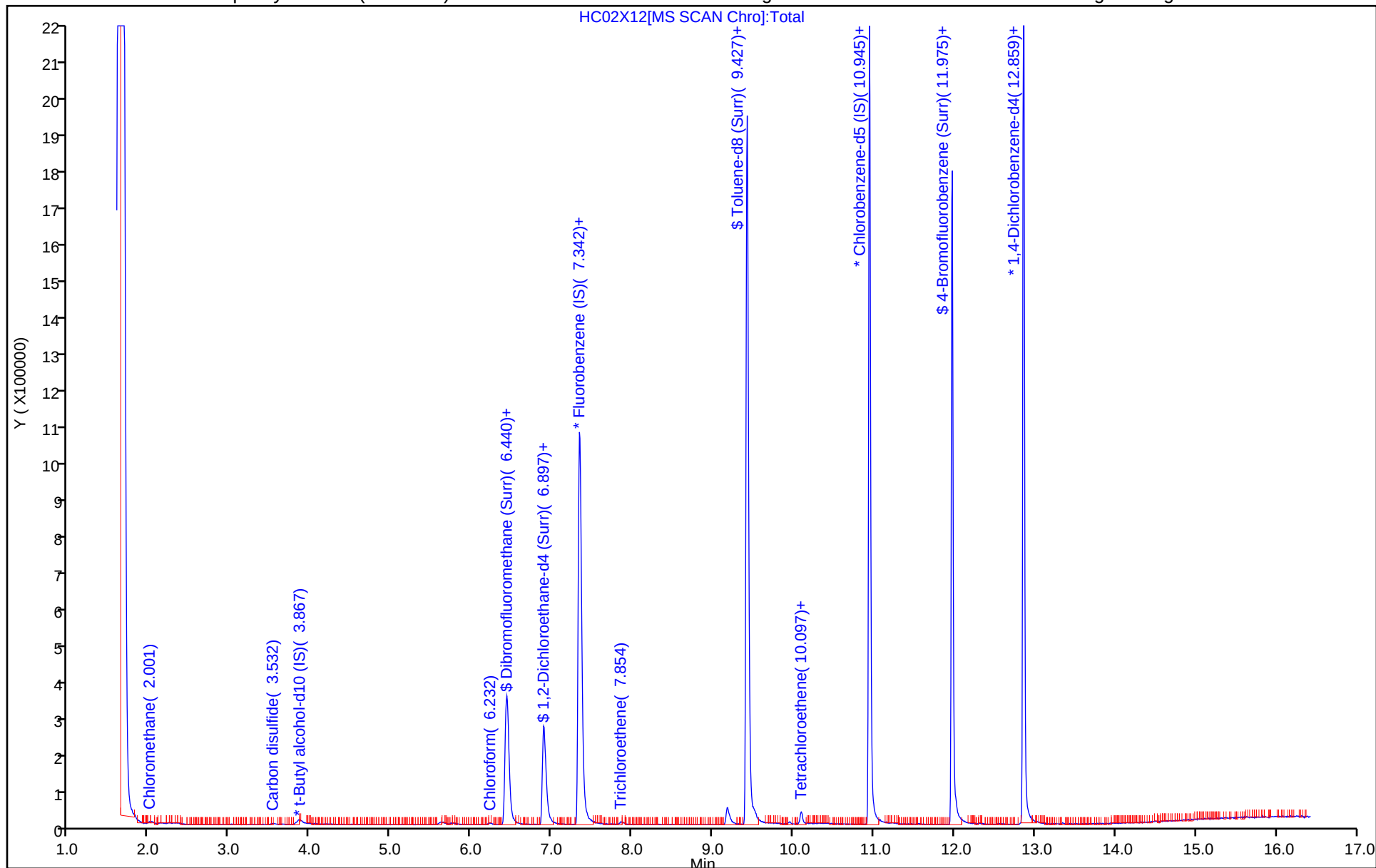
ALS Bottle#: 12

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X12.D  
Lims ID: 410-243359-A-4  
Client ID: HD-COD-SW-9-0/1-0  
Sample Type: Client  
Inject. Date: 02-Oct-2025 22:17:30 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-013  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:06:14 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:06:14

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.2             | 101.53 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.3             | 102.67 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.50             | 95.02  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.33             | 93.26  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X12.D

Injection Date: 02-Oct-2025 22:17:30

Instrument ID: 19094

Lims ID: 410-243359-A-4

Lab Sample ID: 410-243359-4

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

Operator ID: hr3z

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 25.000 mL

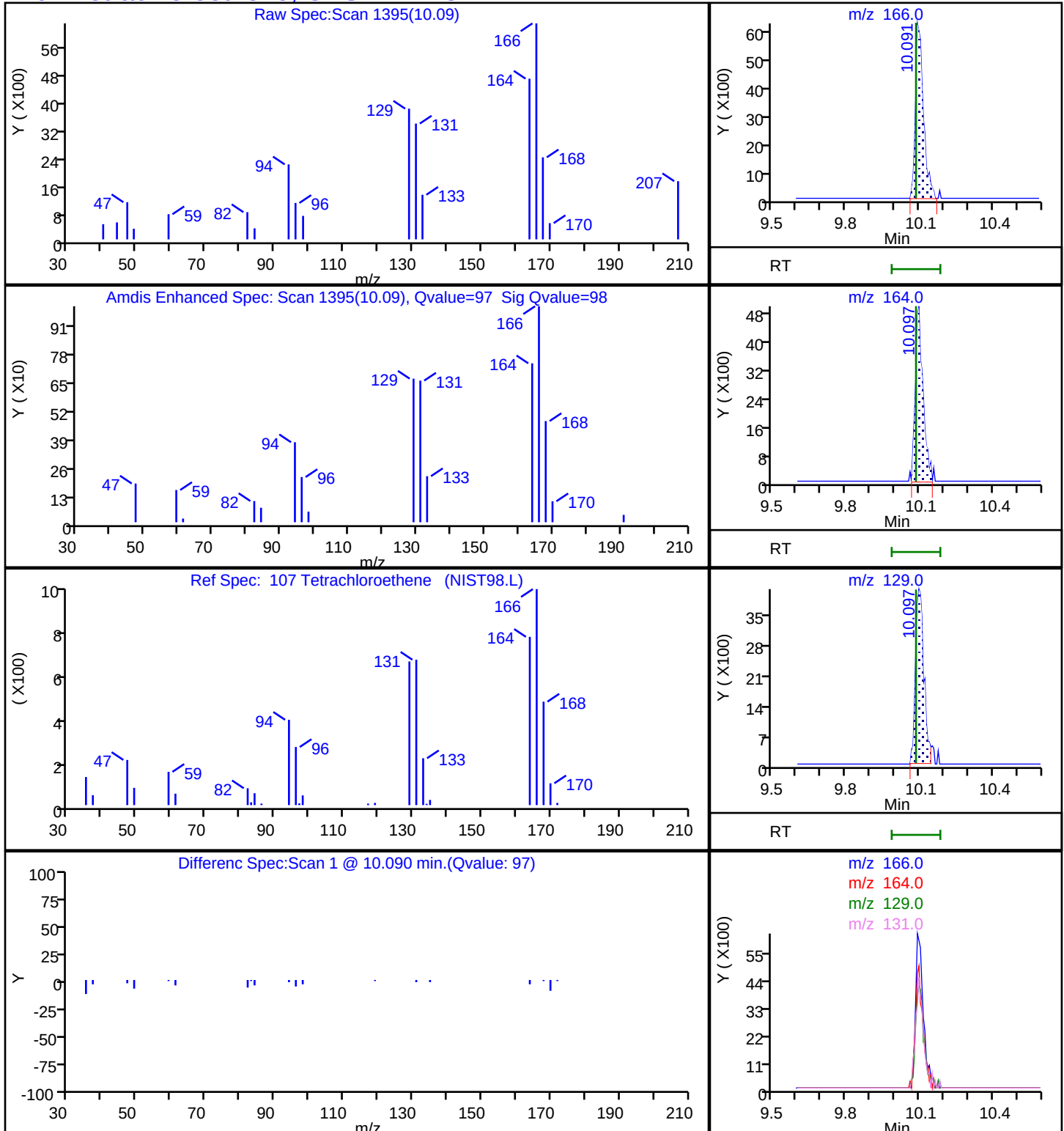
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X12.D

Injection Date: 02-Oct-2025 22:17:30

Instrument ID: 19094

Lims ID: 410-243359-A-4

Lab Sample ID: 410-243359-4

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

Operator ID: hr3z

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 25.000 mL

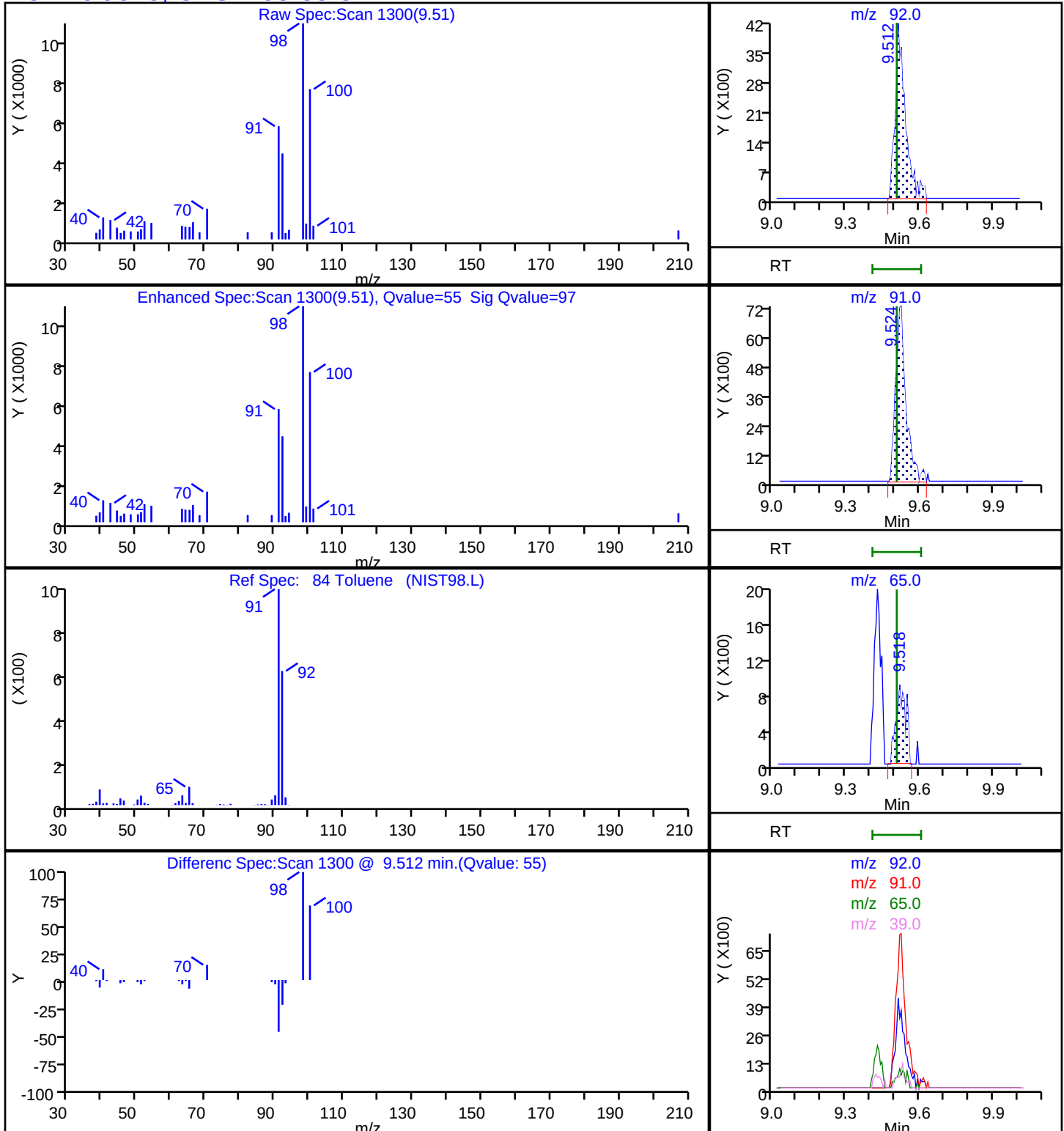
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**84 Toluene, CAS: 108-88-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X12.D

Injection Date: 02-Oct-2025 22:17:30

Instrument ID: 19094

Lims ID: 410-243359-A-4

Lab Sample ID: 410-243359-4

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

Operator ID: hr3z

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 25.000 mL

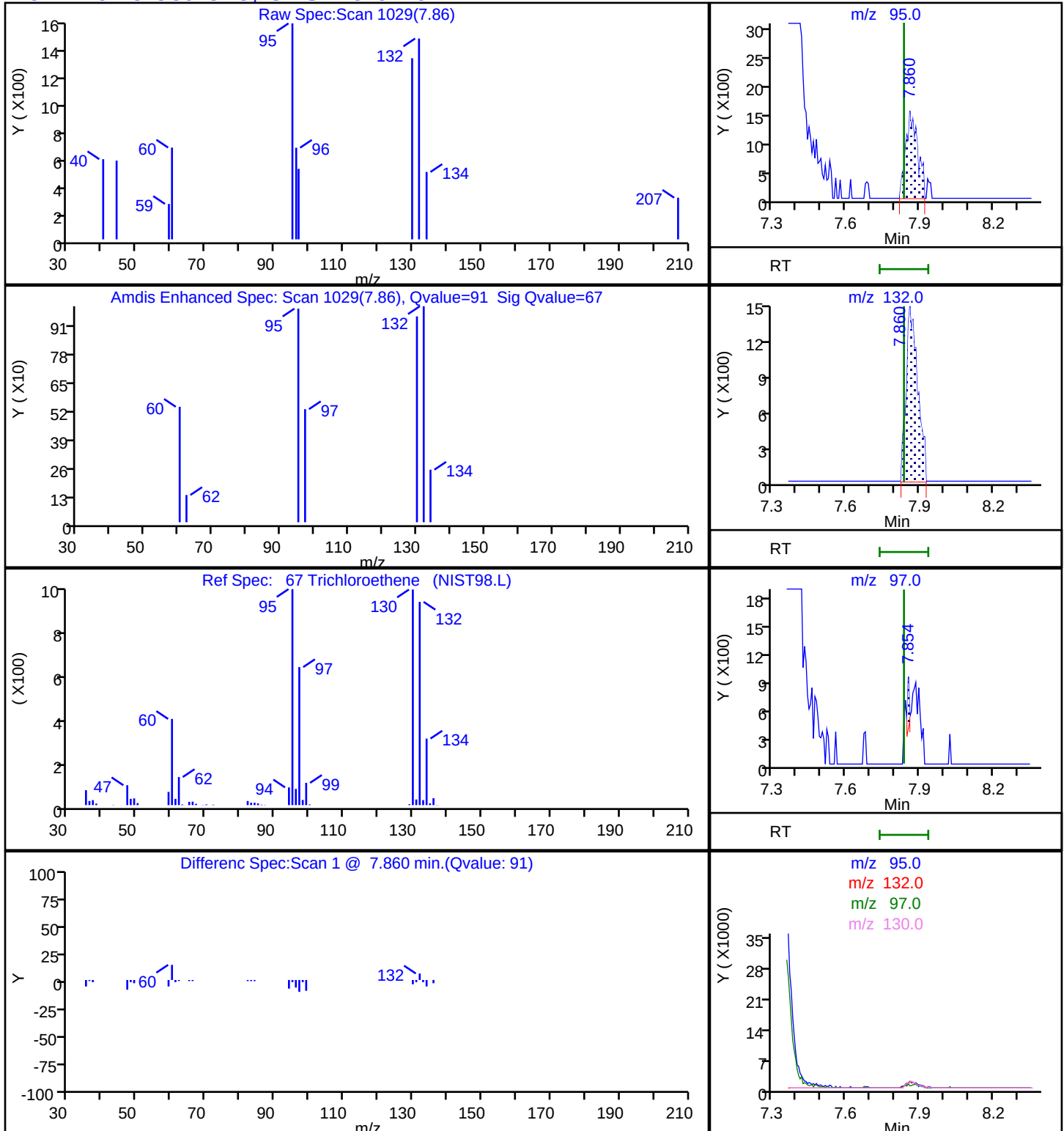
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

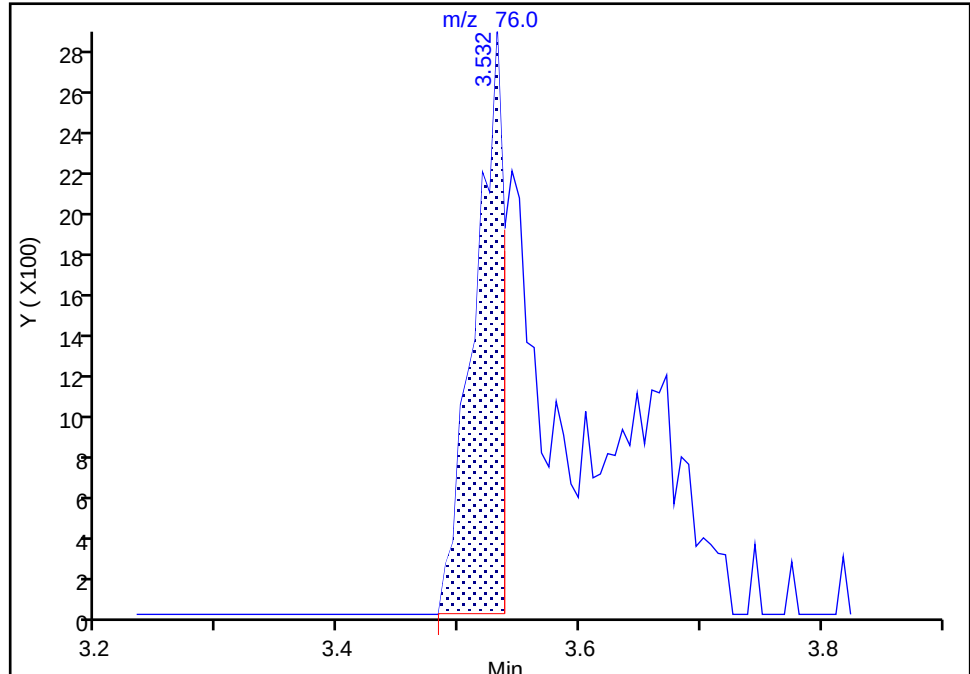
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X12.D  
Injection Date: 02-Oct-2025 22:17:30 Instrument ID: 19094  
Lims ID: 410-243359-A-4 Lab Sample ID: 410-243359-4  
Client ID: HD-COD-SW-9-0/1-0  
Operator ID: hr3z ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**23 Carbon disulfide, CAS: 75-15-0**

Signal: 1

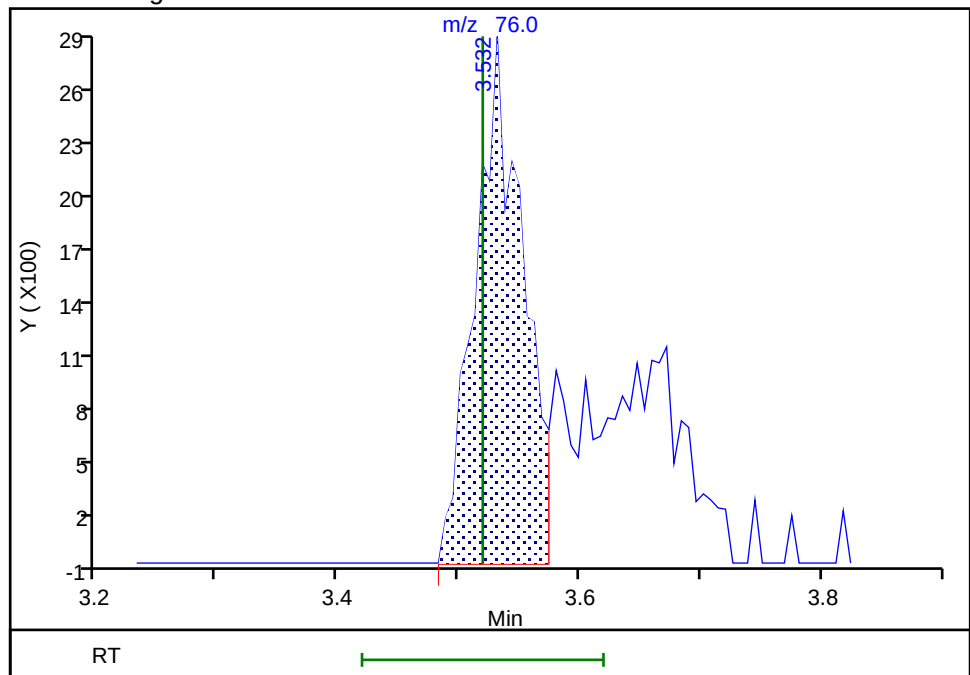
RT: 3.53  
Area: 4866  
Amount: 0.038656  
Amount Units: ug/l

## Processing Integration Results



RT: 3.53  
Area: 7974  
Amount: 0.063347  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:05:36 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X12.D

Injection Date: 02-Oct-2025 22:17:30

Instrument ID: 19094

Lims ID: 410-243359-A-4

Lab Sample ID: 410-243359-4

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

Operator ID: hr3z

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

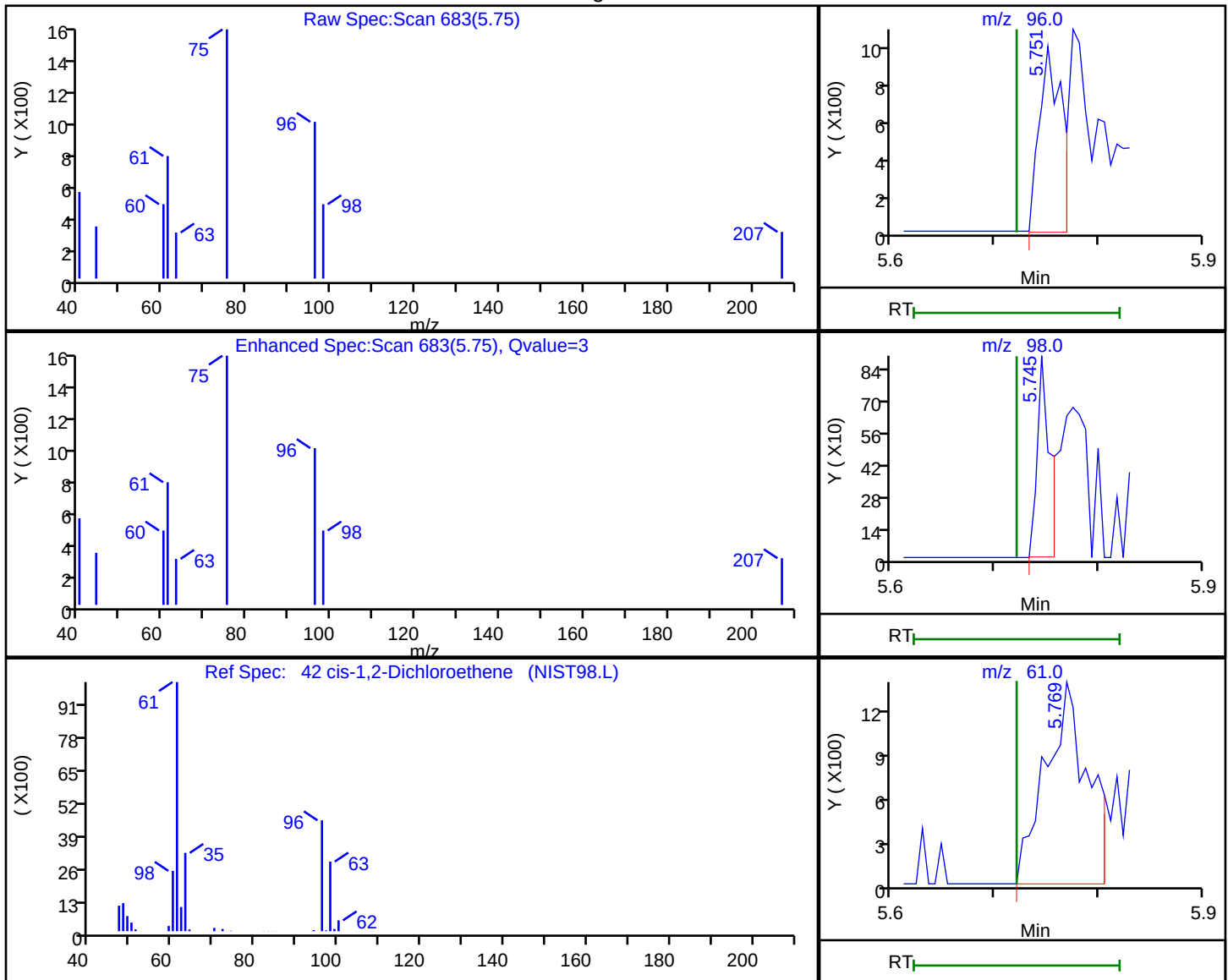
MSV - 8260C\_D

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

MS Quad

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

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.75 | 96.00 | 1479     | 0.029885 |
| 5.74 | 98.00 | 765      |          |
| 5.77 | 61.00 | 3717     |          |
| 5.74 | 63.00 | 312      |          |

Reviewer: FQ4L, 03-Oct-2025 15:05:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Lancaster Laboratories Environment Testing, LLC

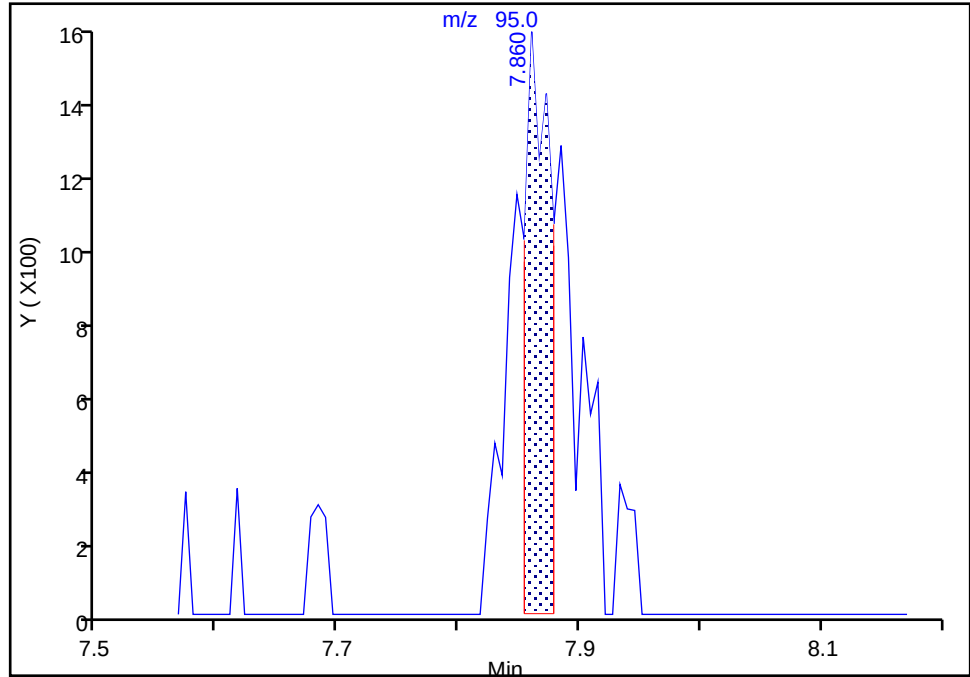
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X12.D  
Injection Date: 02-Oct-2025 22:17:30 Instrument ID: 19094  
Lims ID: 410-243359-A-4 Lab Sample ID: 410-243359-4  
Client ID: HD-COD-SW-9-0/1-0  
Operator ID: hr3z ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**67 Trichloroethene, CAS: 79-01-6**

Signal: 1

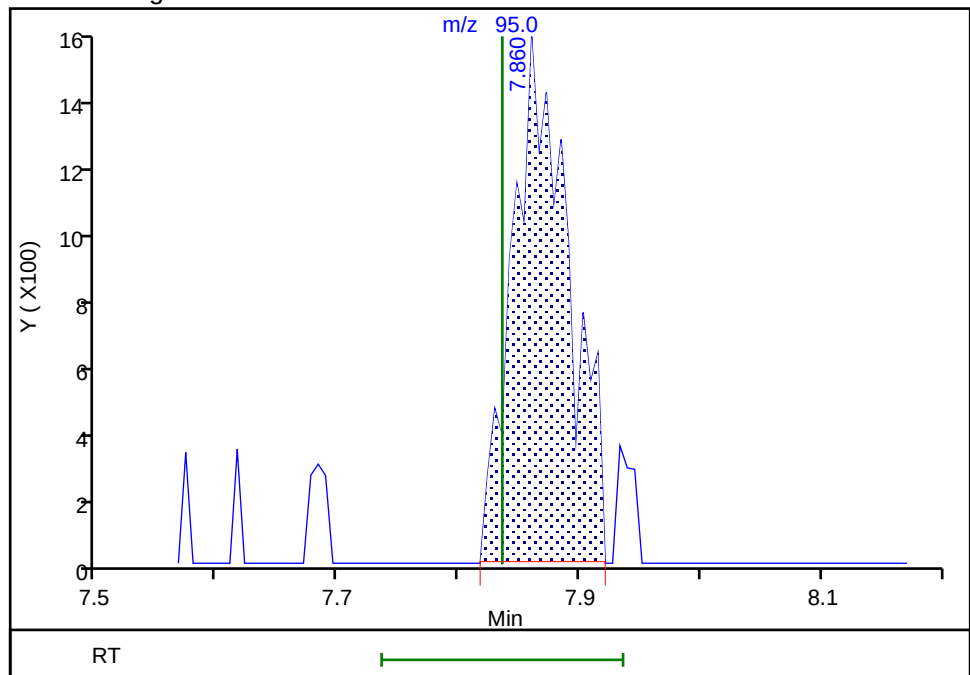
RT: 7.86  
Area: 2220  
Amount: 0.042318  
Amount Units: ug/l

## Processing Integration Results



RT: 7.86  
Area: 4916  
Amount: 0.093709  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:06:00 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-5

Matrix: Water

Lab File ID: HC02X13.D

Analysis Method: 8260D

Date Collected: 09/22/2025 10:03

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 22:38

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 0.19   | J | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | ND     |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | ND     |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | ND     |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | 0.21   | J | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 0.25   | J | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 2.3    |   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-13-0/1-0      Lab Sample ID: 410-243359-5

Matrix: Water      Lab File ID: HC02X13.D

Analysis Method: 8260D      Date Collected: 09/22/2025 10:03

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 22:38

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | ND     |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 0.23   | J | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 105  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 93   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 101  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 96   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D  
 Lims ID: 410-243359-A-5  
 Client ID: HD-COD-SW-13-0/1-0  
 Sample Type: Client  
 Inject. Date: 02-Oct-2025 22:38:30 ALS Bottle#: 13 Worklist Smp#: 14  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-014  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:07:32 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:07:32

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 2.007     | 1.995         | 0.012         | 97 | 13433    | 0.2081         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             | 7     |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  | 3.544     | 3.519         | 0.025         | 97 | 6584     | 0.0561         | M     |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.891     | 3.873         | 0.018         | 1  | 61402    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  | 4.909     | 4.873         | 0.036         | 1  | 4031     | 0.0492         |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             | U     |
| 42 cis-1,2-Dichloroethene          | 96  | 5.769     | 5.720         | 0.049         | 79 | 11685    | 0.2534         |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.244     | 6.214         | 0.030         | 33 | 5415     | 0.0712         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 94 | 353573   | 10.1           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.458     | 6.446         | 0.012         | 47 | 13869    | 0.1950         |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 1  | 66787    | 10.5           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1506707  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.860     | 7.836         | 0.024         | 95 | 11278    | 0.2307         |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1565629  | 9.62           |       |
| 84 Toluene                         | 92  | 9.524     | 9.506         | 0.018         | 96 | 7021     | 0.0557         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             | 7     |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.091    | 10.085        | 0.006         | 97 | 135769   | 2.28           |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1170183  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             | 7     |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             | 7     |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 93 | 548370   | 9.33           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 639000   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

U - Marked Undetected

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:07:33

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D

Injection Date: 02-Oct-2025 22:38:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-5

Lab Sample ID: 410-243359-5

Worklist Smp#: 14

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

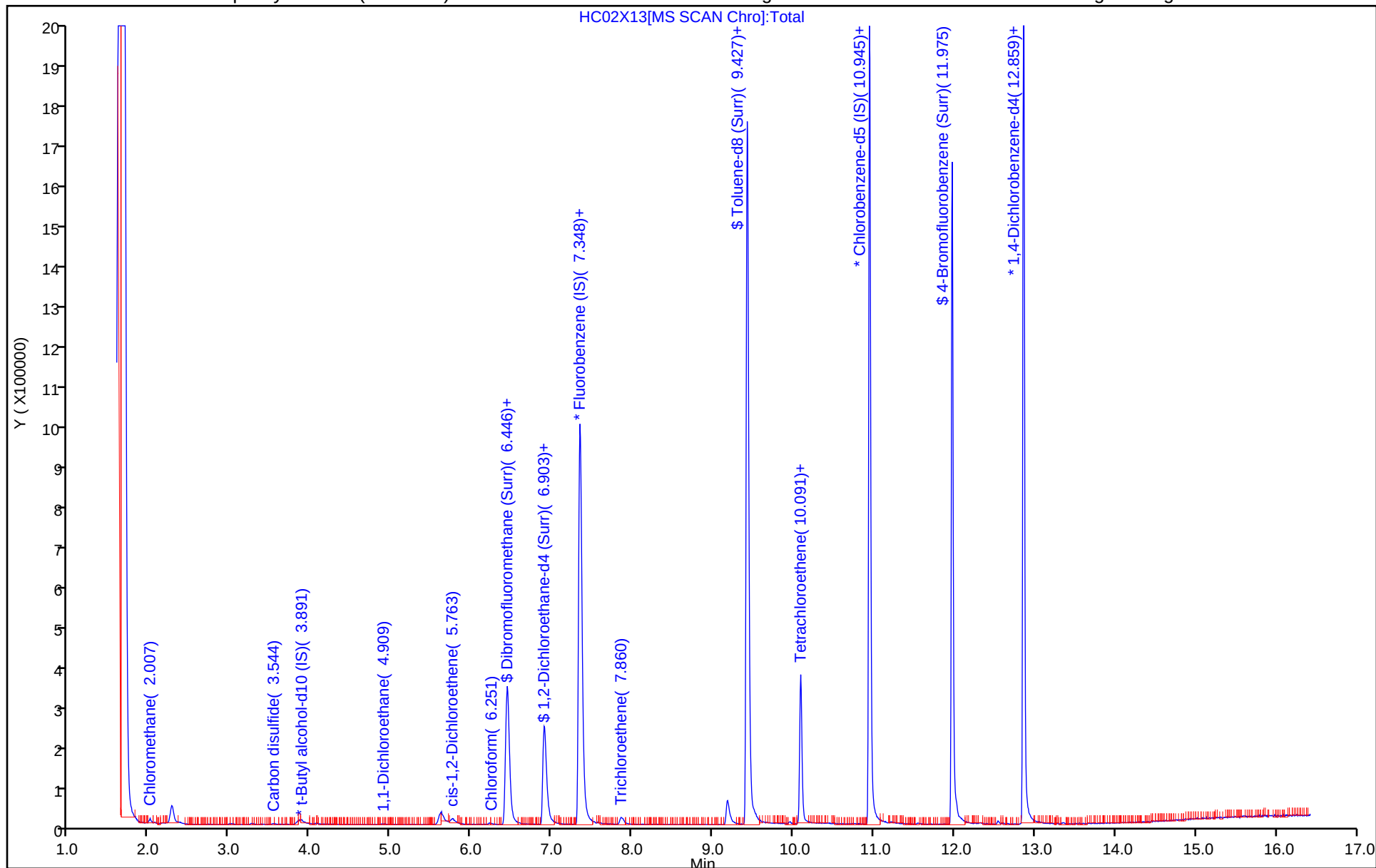
ALS Bottle#: 13

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D  
Lims ID: 410-243359-A-5  
Client ID: HD-COD-SW-13-0/1-0  
Sample Type: Client  
Inject. Date: 02-Oct-2025 22:38:30 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-014  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:07:32 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:07:32

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.1             | 101.10 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.5             | 105.32 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.62             | 96.17  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.33             | 93.28  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D

Injection Date: 02-Oct-2025 22:38:30

Instrument ID: 19094

Lims ID: 410-243359-A-5

Lab Sample ID: 410-243359-5

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

Operator ID: hr3z

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 25.000 mL

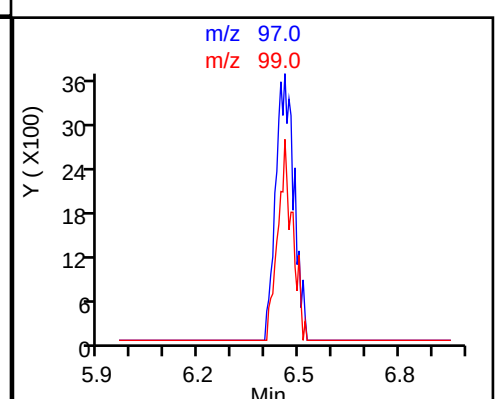
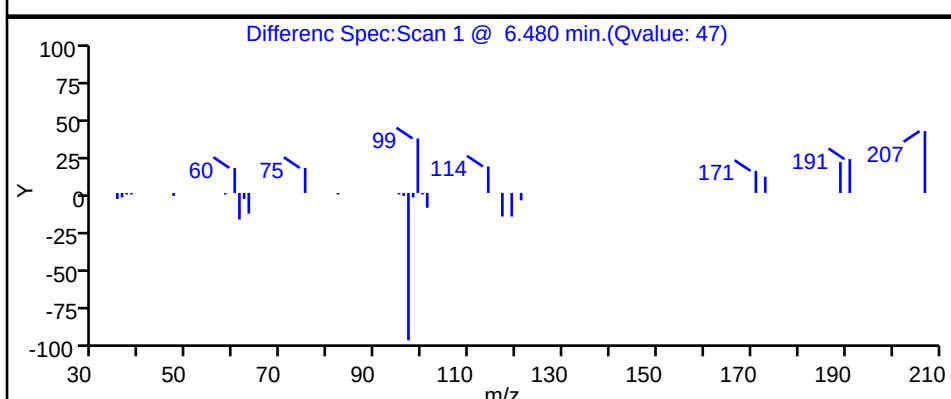
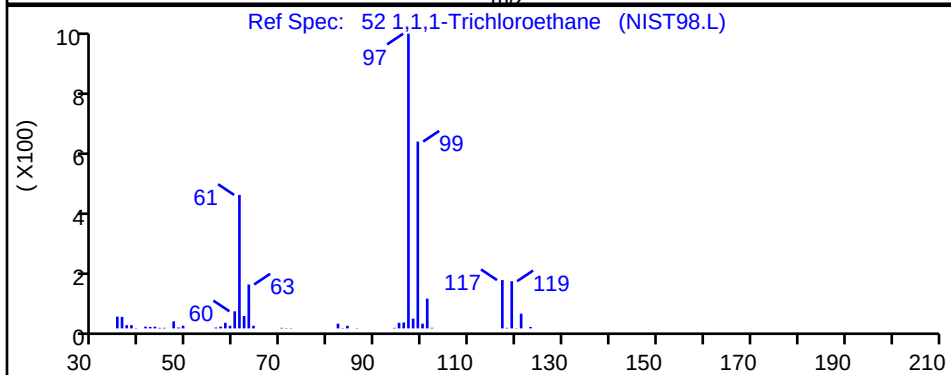
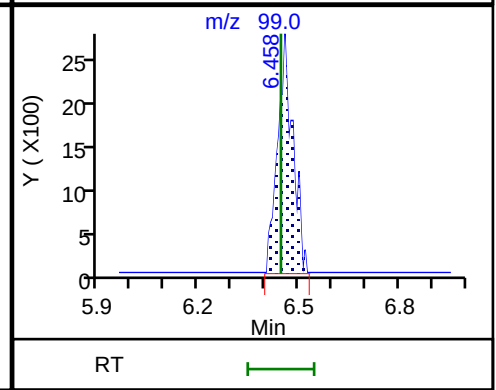
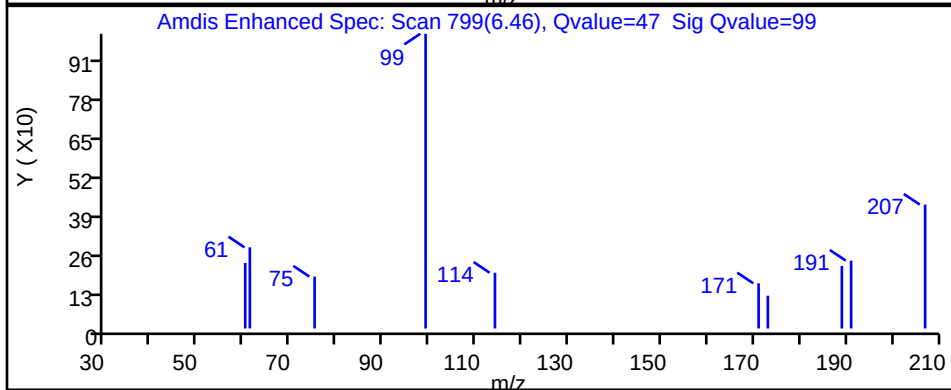
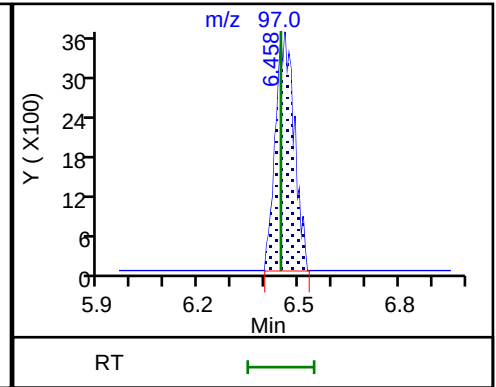
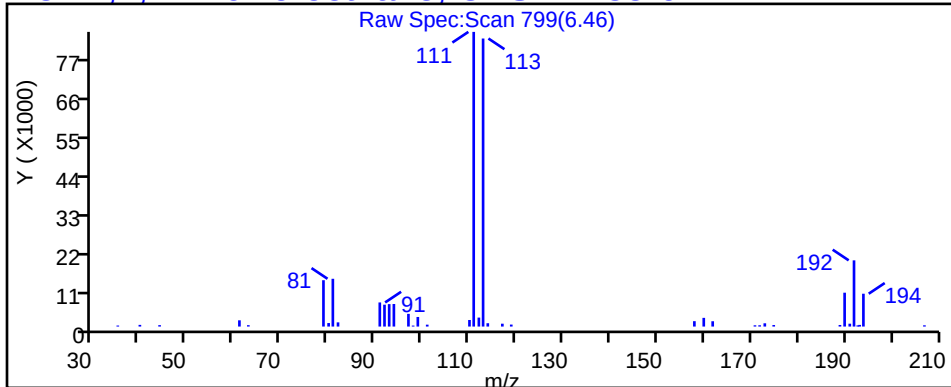
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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



## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D

Injection Date: 02-Oct-2025 22:38:30

Instrument ID: 19094

Lims ID: 410-243359-A-5

Lab Sample ID: 410-243359-5

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

Operator ID: hr3z

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 25.000 mL

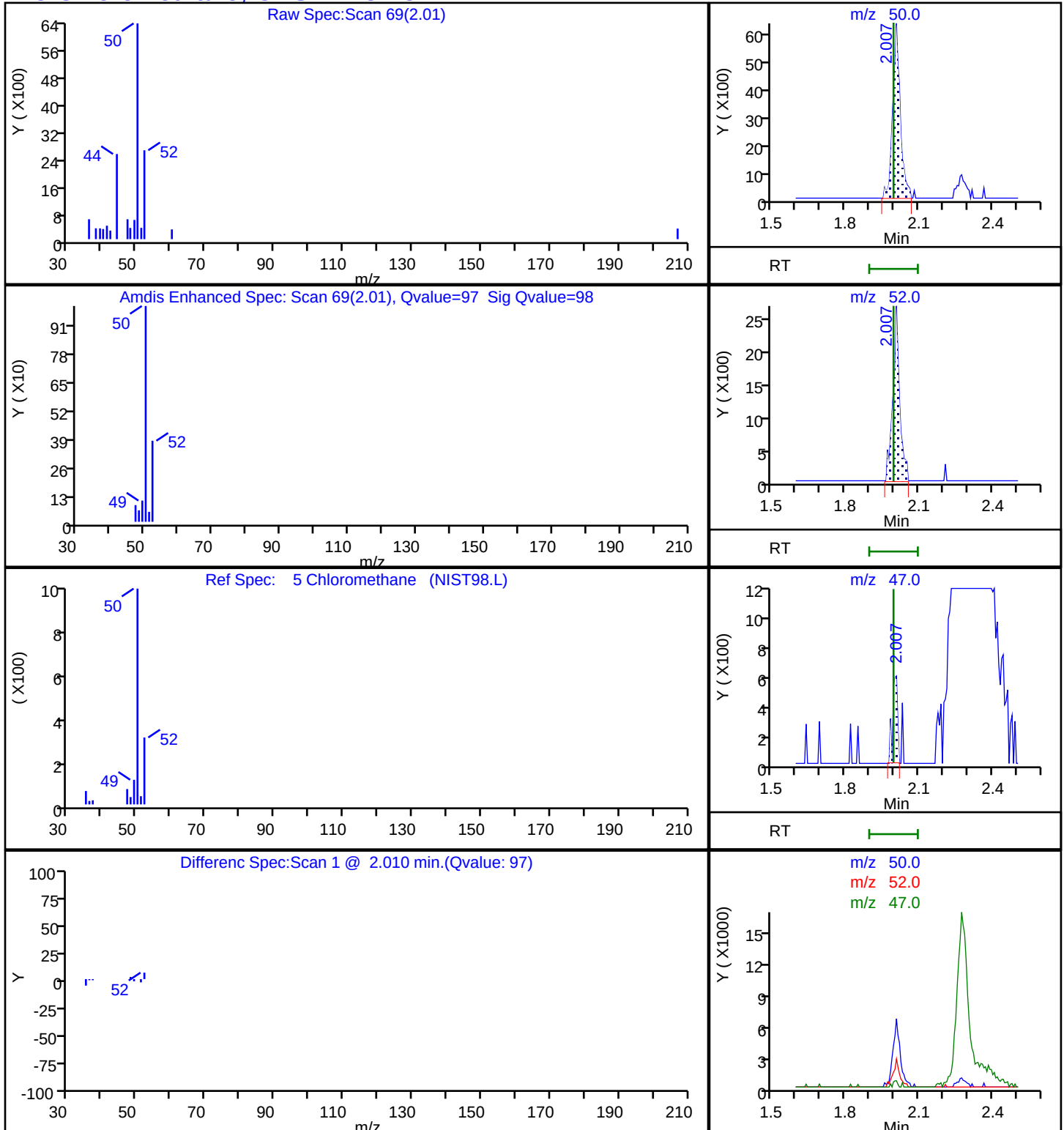
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**5 Chloromethane, CAS: 74-87-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D

Injection Date: 02-Oct-2025 22:38:30

Instrument ID: 19094

Lims ID: 410-243359-A-5

Lab Sample ID: 410-243359-5

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

Operator ID: hr3z

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 25.000 mL

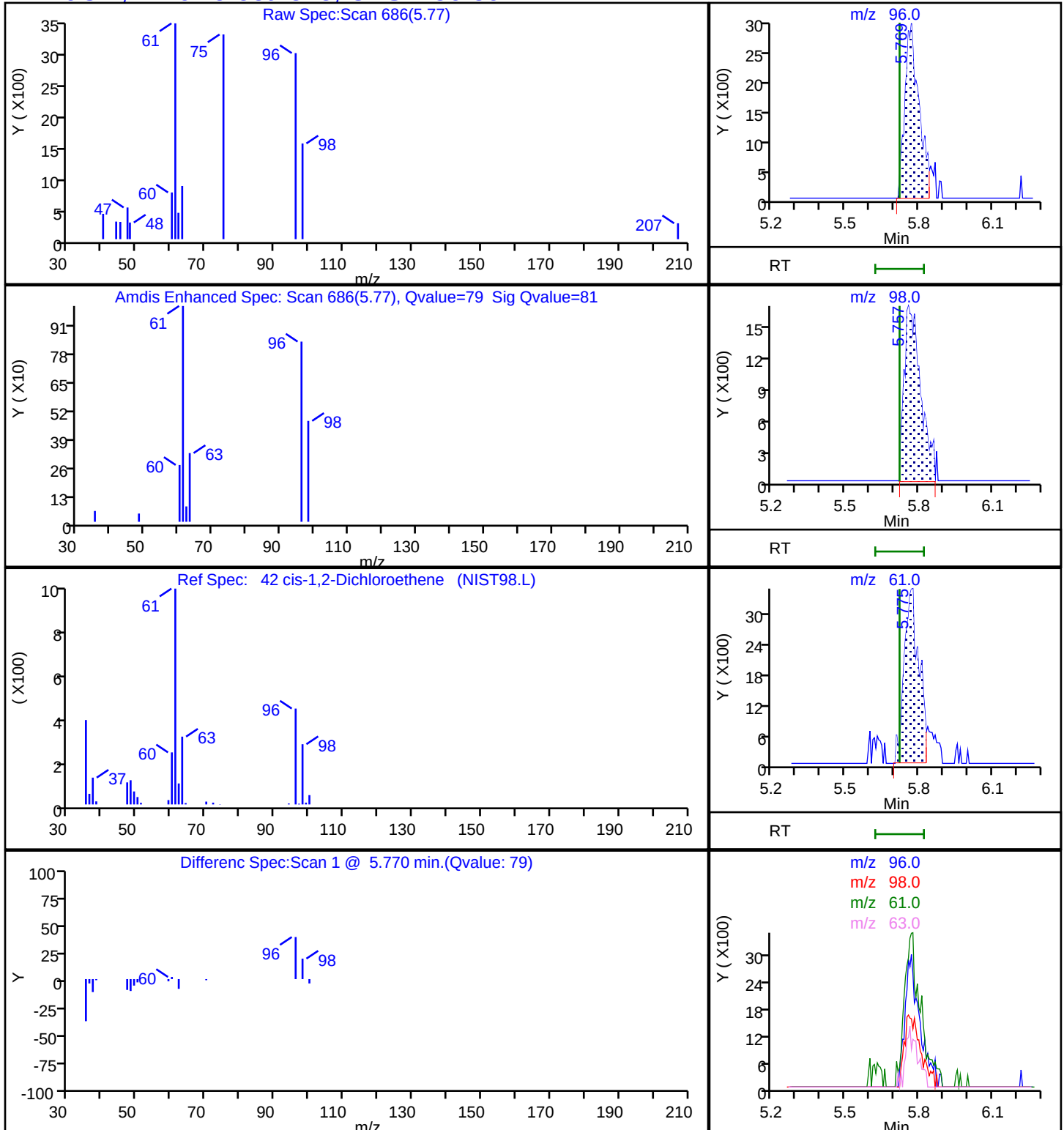
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D

Injection Date: 02-Oct-2025 22:38:30

Instrument ID: 19094

Lims ID: 410-243359-A-5

Lab Sample ID: 410-243359-5

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

Operator ID: hr3z

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 25.000 mL

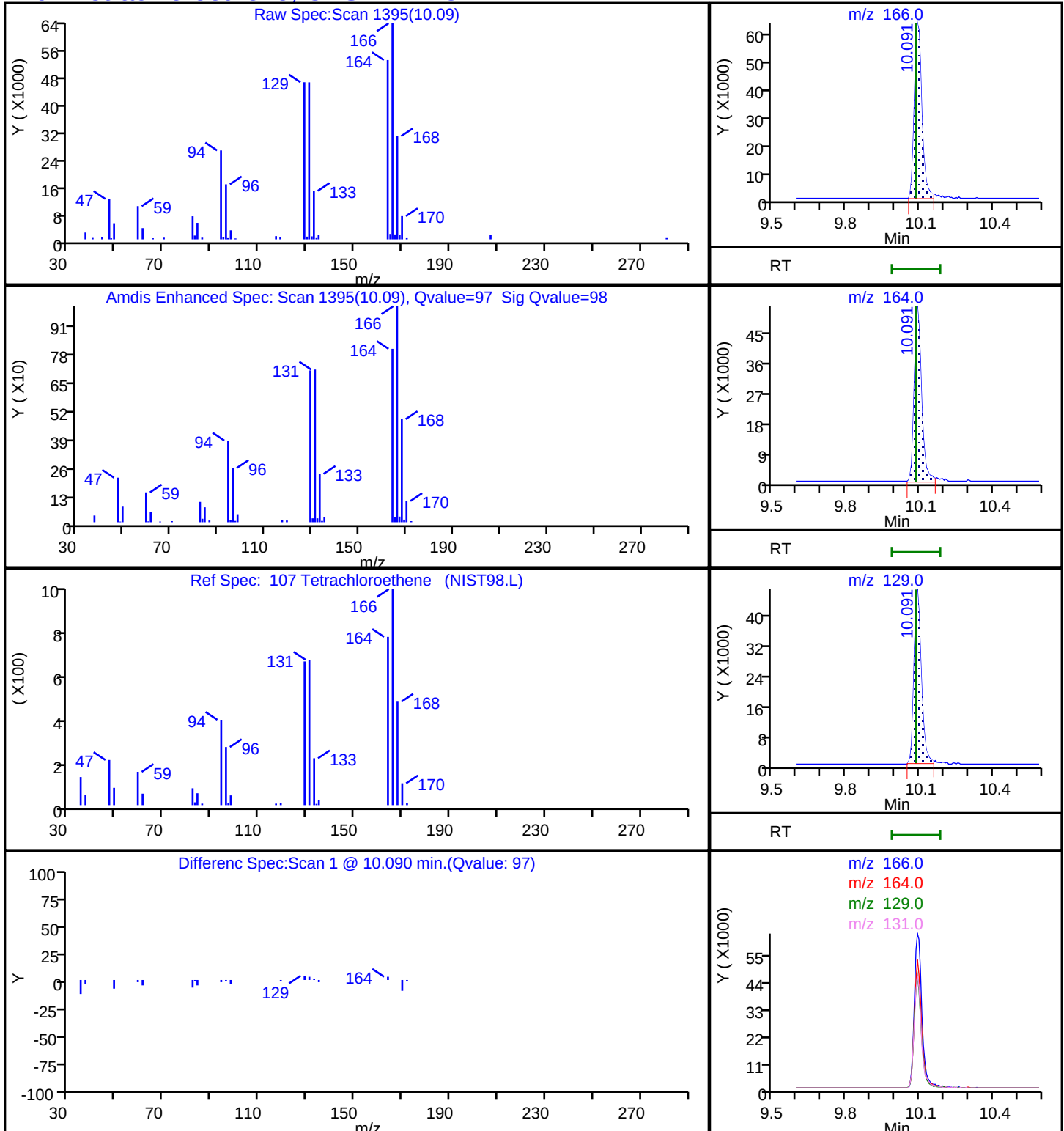
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D

Injection Date: 02-Oct-2025 22:38:30

Instrument ID: 19094

Lims ID: 410-243359-A-5

Lab Sample ID: 410-243359-5

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

Operator ID: hr3z

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 25.000 mL

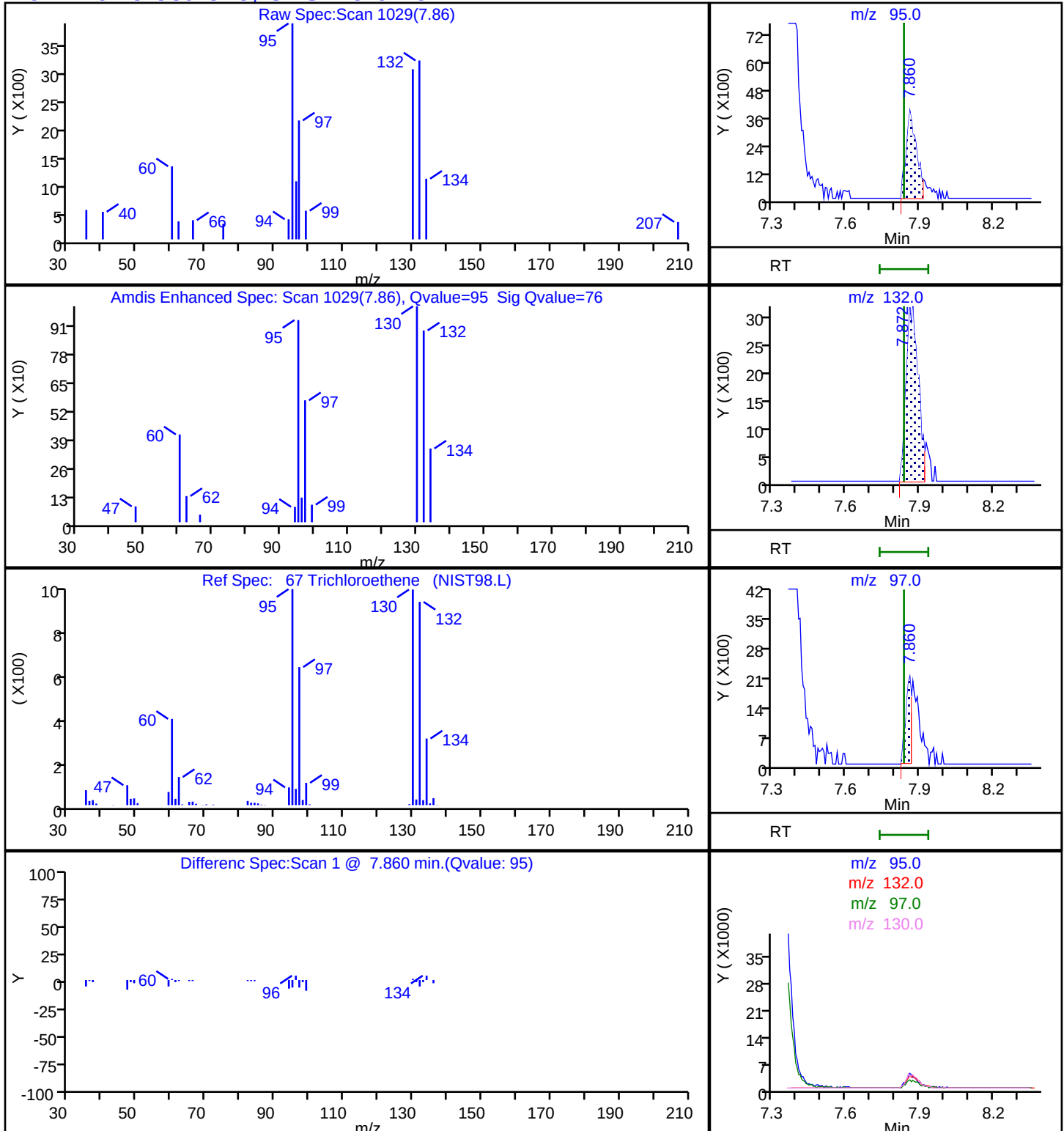
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

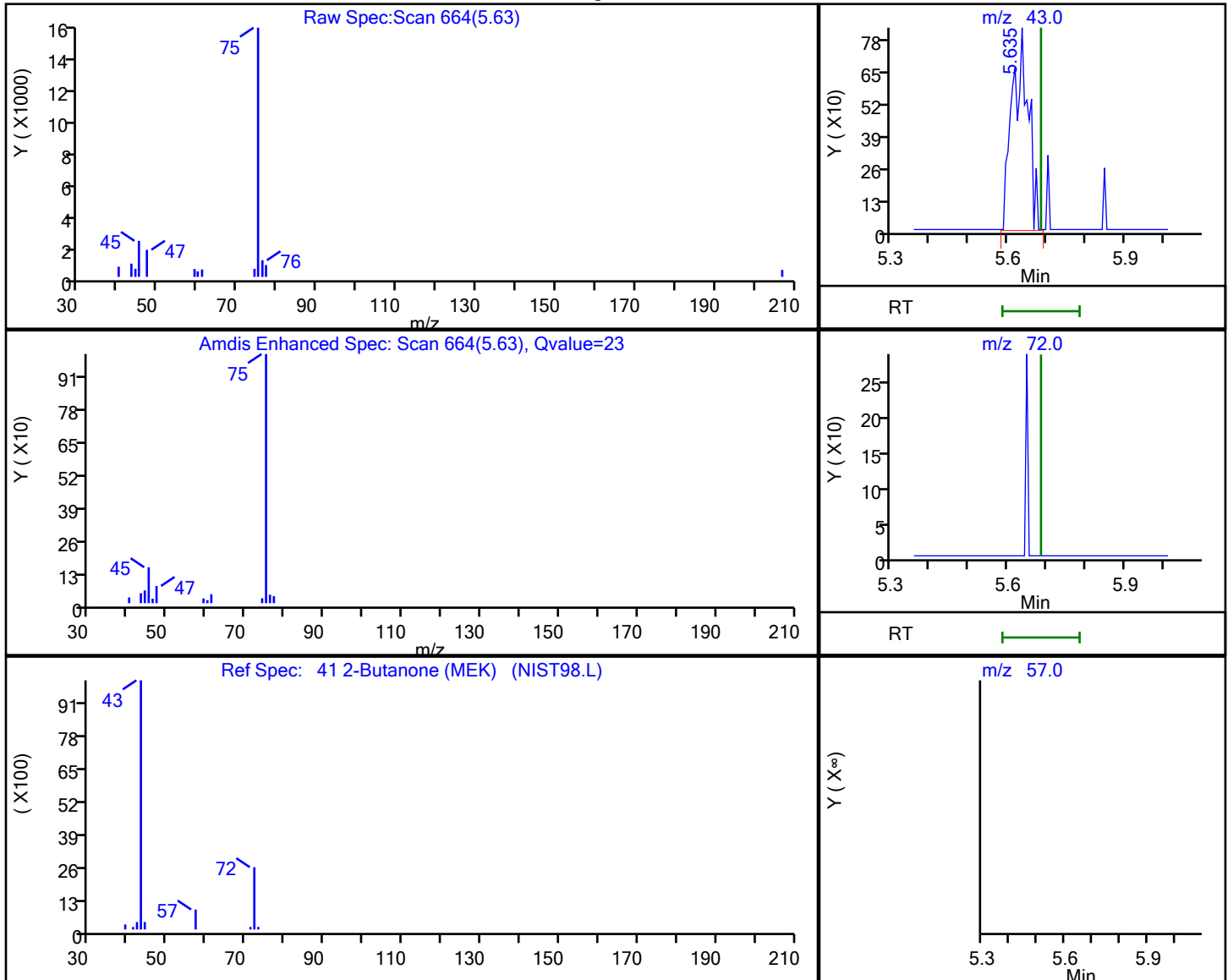
**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D  
Injection Date: 02-Oct-2025 22:38:30 Instrument ID: 19094  
Lims ID: 410-243359-A-5 Lab Sample ID: 410-243359-5  
Client ID: HD-COD-SW-13-0/1-0  
Operator ID: hr3z ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.63 | 43.00 | 2359     | 0.315787 |
| 5.68 | 72.00 | 0        |          |
| 5.68 | 57.00 | 0        |          |

Reviewer: FQ4L, 03-Oct-2025 15:07:09 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Lancaster Laboratories Environment Testing, LLC

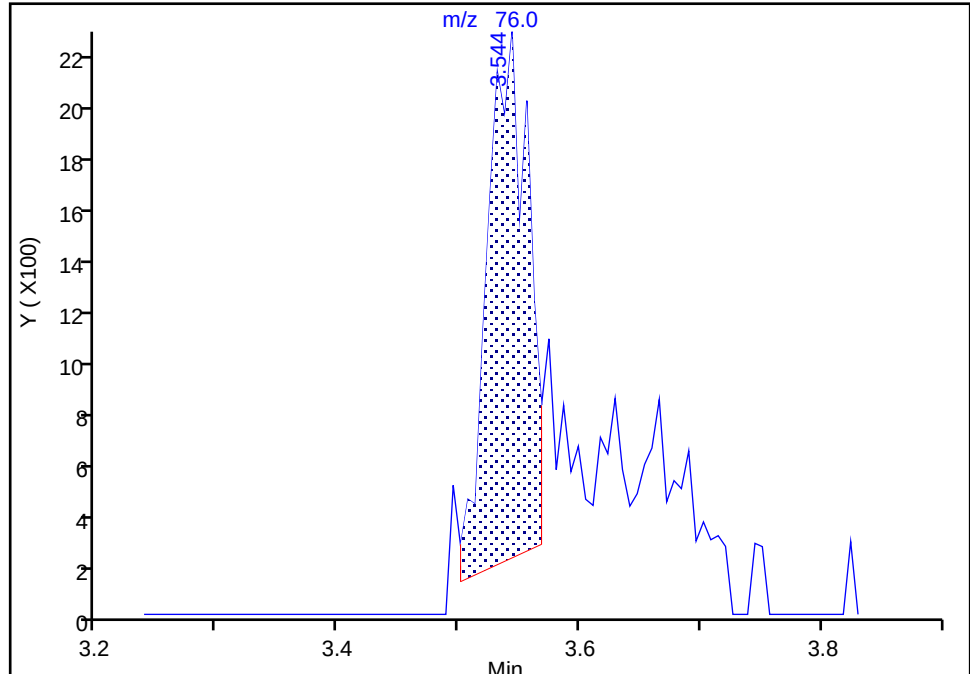
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X13.D  
Injection Date: 02-Oct-2025 22:38:30 Instrument ID: 19094  
Lims ID: 410-243359-A-5 Lab Sample ID: 410-243359-5  
Client ID: HD-COD-SW-13-0/1-0  
Operator ID: hr3z ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**23 Carbon disulfide, CAS: 75-15-0**

Signal: 1

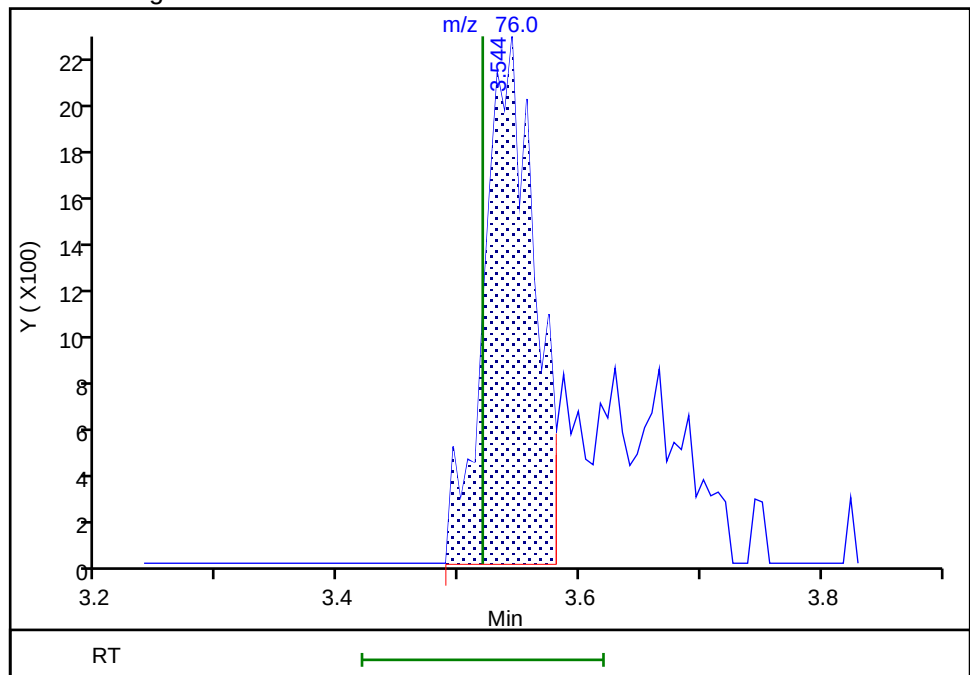
RT: 3.54  
Area: 4927  
Amount: 0.042003  
Amount Units: ug/l

## Processing Integration Results



RT: 3.54  
Area: 6584  
Amount: 0.056129  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:07:03 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-6

Matrix: Water

Lab File ID: HC02X14.D

Analysis Method: 8260D

Date Collected: 09/22/2025 12:15

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 22:59

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q    | RL   | MDL   |
|------------|-----------------------------|--------|------|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |      | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 0.24   | J    | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |      | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |      | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | ND     | FH   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 0.17   | J FH | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |      | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |      | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |      | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |      | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |      | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |      | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |      | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |      | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |      | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |      | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |      | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |      | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |      | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |      | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |      | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |      | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 0.19   | J FH | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | ND     |      | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 0.96   | FH   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |      | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |      | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |      | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |      | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     | FH   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |      | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 3.9    | FH   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-15-0/1-0      Lab Sample ID: 410-243359-6

Matrix: Water      Lab File ID: HC02X14.D

Analysis Method: 8260D      Date Collected: 09/22/2025 12:15

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 22:59

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q  | RL   | MDL   |
|------------|---------------------------|--------|----|------|-------|
| 108-88-3   | Toluene                   | ND     |    | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | ND     | FH | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |    | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 1.2    | FH | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |    | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |    | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 101  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 95   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 104  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 96   |   | 80-120 |



Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D  
 Lims ID: 410-243359-A-6  
 Client ID: HD-COD-SW-15-0/1-0  
 Sample Type: Client  
 Inject. Date: 02-Oct-2025 22:59:30 ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-015  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:16:30 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:16:30

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 1 Chlorotrifluoroethene             | 116 |           | 1.782         |               |    |          | ND             |       |
| 2 Dichlorodifluoromethane           | 85  |           | 1.812         |               |    |          | ND             |       |
| 3 Chlorodifluoromethane             | 51  |           | 1.837         |               |    |          | ND             | 7     |
| 4 Dimethyl ether                    | 45  |           | 1.892         |               |    |          | ND             |       |
| 5 Chloromethane                     | 50  |           | 1.995         |               |    |          | ND             | 7     |
| 6 Butadiene                         | 39  |           | 2.093         |               |    |          | ND             | 7     |
| 7 Vinyl chloride                    | 62  |           | 2.105         |               |    |          | ND             |       |
| 8 2-Chloro-1,1,1-Trifluoroethane    | 118 |           | 2.160         |               |    |          | ND             |       |
| 9 Bromomethane                      | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                     | 64  |           | 2.465         |               |    |          | ND             |       |
| 11 Dichlorofluoromethane            | 67  |           | 2.678         |               |    |          | ND             |       |
| 12 Trichlorofluoromethane           | 101 |           | 2.757         |               |    |          | ND             |       |
| 13 Ethyl ether                      | 59  |           | 2.959         |               |    |          | ND             |       |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 67  |           | 3.026         |               |    |          | ND             |       |
| 15 Ethanol                          | 45  | 3.038     | 3.111         | -0.073        | 1  | 340      | NC             |       |
| 16 Acrolein                         | 56  |           | 3.111         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene               | 96  | 3.245     | 3.239         | 0.006         | 97 | 6634     | 0.1696         |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 |           | 3.276         |               |    |          | ND             |       |
| 19 Acetone                          | 43  |           | 3.282         |               |    |          | ND             |       |
| 20 Iodomethane                      | 142 |           | 3.416         |               |    |          | ND             |       |
| T 21 Ethanol TIC                    | 45  |           | 3.440         |               |    |          | ND             | 7     |
| 22 Ethyl bromide                    | 108 |           | 3.446         |               |    |          | ND             |       |
| 23 Carbon disulfide                 | 76  | 3.544     | 3.519         | 0.025         | 55 | 3858     | 0.0322         |       |
| 24 Methyl acetate                   | 43  |           | 3.660         |               |    |          | ND             |       |
| 25 3-Chloro-1-propene               | 41  |           | 3.672         |               |    |          | ND             |       |
| 26 Acetonitrile                     | 41  |           | 3.696         |               |    |          | ND             |       |
| 27 Methylene Chloride               | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.861     | 3.873         | -0.012        | 1  | 70125    | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  |           | 3.958         |               |    |          | ND             |       |
| 30 Acrylonitrile                    | 53  |           | 4.178         |               |    |          | ND             |       |
| 31 Methyl tert-butyl ether          | 73  | 4.220     | 4.208         | 0.012         | 1  | 2975     | 0.0331         |       |
| T 32 Acetonitrile TIC               | 41  |           | 4.214         |               |    |          | ND             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 34 Hexane                          | 57  |           | 4.641         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  | 4.891     | 4.873         | 0.018         | 84 | 7130     | 0.0852         |       |
| 36 Vinyl acetate                   | 43  |           | 4.885         |               |    |          | ND             |       |
| 37 Isopropyl ether                 | 45  |           | 4.934         |               |    |          | ND             |       |
| 38 2-Chloro-1,3-butadiene          | 53  |           | 4.989         |               |    |          | ND             |       |
| 39 Tert-butyl ethyl ether          | 59  |           | 5.482         |               |    |          | ND             |       |
| T 40 Vinyl acetate (TIC)           | 43  |           | 5.537         |               |    |          | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.751     | 5.720         | 0.031         | 81 | 45262    | 0.9601         |       |
| 43 2,2-Dichloropropane             | 77  |           | 5.732         |               |    |          | ND             |       |
| 44 Propionitrile                   | 54  |           | 5.769         |               |    |          | ND             |       |
| 45 Ethyl acetate                   | 43  |           | 5.793         |               |    |          | ND             |       |
| 46 Methacrylonitrile               | 67  |           | 5.982         |               |    |          | ND             |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 48 Tetrahydrofuran                 | 71  |           | 6.086         |               |    |          | ND             |       |
| S 49 1,2-Dichloroethene, Total     | 100 |           |               |               | 0  |          | 0.9601         |       |
| 50 Chloroform                      | 83  | 6.232     | 6.214         | 0.018         | 90 | 15041    | 0.1934         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.440     | 6.434         | 0.006         | 94 | 370958   | 10.4           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.446     | 6.446         | 0.000         | 37 | 17417    | 0.2395         |       |
| 53 Methyl acrylate                 | 55  |           | 6.482         |               |    |          | ND             |       |
| 54 Cyclohexane                     | 56  |           | 6.555         |               |    |          | ND             |       |
| 55 1,1-Dichloropropene             | 75  |           | 6.665         |               |    |          | ND             |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             | 7     |
| 57 Isobutyl alcohol                | 41  |           | 6.818         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 5  | 65455    | 10.1           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| 61 Isopropyl acetate               | 43  |           | 7.031         |               |    |          | ND             |       |
| 62 Tert-amyl methyl ether          | 73  |           | 7.129         |               |    |          | ND             |       |
| 63 1-Chlorobutane                  | 56  | 7.348     | 7.250         | 0.098         | 33 | 8472     | NC             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.342         | 0.000         | 99 | 1540203  | 10.0           |       |
| 65 n-Heptane                       | 43  |           | 7.366         |               |    |          | ND             |       |
| 66 n-Butanol                       | 56  |           | 7.732         |               |    |          | ND             |       |
| 67 Trichloroethene                 | 95  | 7.848     | 7.836         | 0.012         | 97 | 57576    | 1.15           |       |
| 68 t-Amyl alcohol                  | 73  |           | 7.842         |               |    |          | ND             |       |
| 69 Methylcyclohexane               | 83  |           | 8.153         |               |    |          | ND             |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 71 2-ethoxy-2-methyl butane        | 87  |           | 8.189         |               |    |          | ND             |       |
| 72 Methyl methacrylate             | 69  |           | 8.275         |               |    |          | ND             |       |
| 73 1,4-Dioxane                     | 88  |           | 8.275         |               |    |          | ND             |       |
| 74 Dibromomethane                  | 93  |           | 8.281         |               |    |          | ND             |       |
| 75 n-Propyl acetate                | 61  |           | 8.366         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 77 2-Nitropropane                  | 41  |           | 8.793         |               |    |          | ND             |       |
| 78 2-Chloroethyl vinyl ether       | 63  |           | 8.908         |               |    |          | ND             |       |
| 79 1-Bromo-2-chloroethane          | 63  |           | 8.927         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| 83 Chloroacetonitrile              | 75  |           | 9.427         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1610063  | 9.59           |       |
| 84 Toluene                         | 92  |           | 9.506         |               |    |          | ND             | 7     |

| Compound                              | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|---------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 85 trans-1,3-Dichloropropene          | 75  |           | 9.787         |               |    |          | ND             |       |
| 86 Ethyl methacrylate                 | 69  |           | 9.860         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane              | 97  |           | 9.994         |               |    |          | ND             | U     |
| T 97 Methyl acrylate TIC              | 55  |           | 10.000        |               |    |          | ND             |       |
| T 216 Propionaldehyde TIC             | 58  |           | 10.000        |               |    |          | ND             |       |
| T 100 3-Chloro-1,2-propanediol TIC    | 44  |           | 10.000        |               |    |          | ND             |       |
| T 215 Diazomethane TIC                | 14  |           | 10.000        |               |    |          | ND             |       |
| T 91 Decamethylcyclopentasiloxane TIC | 71  | 9.427     | 10.000        | -0.573        | 1  | 505      | 0.003279       | 7     |
| T 94 2-Bromoethanol TIC               | 45  | 9.433     | 10.000        | -0.567        | 14 | 1021     | 0.006629       | 7     |
| T 211 Propene oxide TIC               | 58  |           | 10.000        |               |    |          | ND             |       |
| T 220 1,2 Epoxybutane TIC             | 42  |           | 10.000        |               |    |          | ND             |       |
| T 219 Methyl Isocyanate TIC           | 57  |           | 10.000        |               |    |          | ND             |       |
| T 214 Carbonyl sulfide TIC            | 60  | 10.079    | 10.000        | 0.079         | 1  | 298      | 0.001935       |       |
| T 92 Vinyl bromide TIC                | 106 | 11.219    | 10.000        | 1.219         | 1  | 204      | 0.001325       | 7     |
| T 89 2-Chloroethanol TIC              | 44  | 9.951     | 10.000        | -0.049        | 1  | 561      | 0.003642       | 7     |
| T 88 2,3-Dibromopropene TIC           | 119 | 10.091    | 10.000        | 0.091         | 1  | 1559     | 0.0101         | 7     |
| T 96 Monochloroacetic acid TIC        | 50  |           | 10.000        |               |    |          | ND             |       |
| T 213 Aziridine TIC                   | 42  | 9.671     | 10.000        | -0.329        | 1  | 125      | 0.000812       |       |
| T 103 2,3-Dibromo-1-propanol TIC      | 57  |           | 10.000        |               |    |          | ND             |       |
| T 223 Ethyl acrylate TIC              | 55  | 9.476     | 10.000        | -0.524        | 1  | 101      | 0.000656       |       |
| T 93 Epichlorohydrin TIC              | 57  | 9.427     | 10.000        | -0.573        | 29 | 1130     | 0.007337       | 7     |
| T 90 Isopropyl alcohol TIC            | 45  |           | 10.000        |               |    |          | ND             |       |
| T 95 Chloroacetaldehyde TIC           | 50  | 9.524     | 10.000        | -0.476        | 1  | 533      | 0.003461       | 7     |
| T 221 Styrene oxide TIC               | 91  | 9.579     | 10.000        | -0.421        | 1  | 241      | 0.001565       |       |
| T 212 Phosgene TIC                    | 63  | 9.427     | 10.000        | -0.573        | 1  | 1407     | 0.009135       |       |
| T 99 Octamethylcyclotetrasiloxane TIC | 78  | 12.030    | 10.000        | 2.030         | 83 | 8265     | 0.0537         | 7     |
| T 98 Hexachloroethane TIC             | 117 | 10.085    | 10.000        | 0.085         | 11 | 1138     | 0.007389       | 7     |
| T 217 bis(chloromethyl)ether TIC      | 93  | 10.067    | 10.000        | 0.067         | 1  | 245      | 0.001591       |       |
| T 101 Epibromohydrin TIC              | 57  | 9.427     | 10.000        | -0.573        | 12 | 1130     | 0.007337       | 7     |
| T 105 Nitrobenzene TIC                | 77  | 9.451     | 10.000        | -0.549        | 3  | 332      | 0.002156       | 7     |
| T 222 Chloromethyl methyl ether TIC   | 45  | 9.433     | 10.000        | -0.567        | 3  | 1021     | 0.006629       |       |
| T 102 2-Bromo-3-chloropropene TIC     | 75  | 9.433     | 10.000        | -0.567        | 1  | 228      | 0.001480       | 7     |
| T 218 1,2-Propyleneimine TIC          | 56  | 9.500     | 10.000        | -0.500        | 1  | 107      | 0.000695       |       |
| T 104 Ethylene oxide TIC              | 44  | 9.951     | 10.000        | -0.049        | 1  | 561      | 0.003642       | 7     |
| S 106 1,3-Dichloropropene, Total      | 100 |           | 10.060        |               |    |          | ND             | 7     |
| 107 Tetrachloroethene                 | 166 | 10.091    | 10.085        | 0.006         | 98 | 238038   | 3.87           |       |
| 108 1,3-Dichloropropane               | 76  |           | 10.165        |               |    |          | ND             |       |
| 109 2-Hexanone                        | 43  |           | 10.219        |               |    |          | ND             |       |
| 110 n-Butyl acetate                   | 43  |           | 10.359        |               |    |          | ND             |       |
| 111 Chlorodibromomethane              | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide                | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)           | 117 | 10.945    | 10.945        | 0.000         | 86 | 1207252  | 10.0           |       |
| 114 1-Chlorohexane                    | 91  |           | 10.963        |               |    |          | ND             | 7     |
| 115 Chlorobenzene                     | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane         | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                      | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene               | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total                  | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                          | 106 |           | 11.518        |               |    |          | ND             | 7     |
| 121 Styrene                           | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                         | 173 |           | 11.695        |               |    |          | ND             |       |
| 123 Isopropylbenzene                  | 105 |           | 11.823        |               |    |          | ND             |       |

| Compound                             | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|--------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 124 cis-1,4-Dichloro-2-butene        | 88  |           | 11.871        |               |    |          | ND             | U     |
| 125 Cyclohexanone                    | 55  |           | 11.902        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr)   | 95  | 11.975    | 11.969        | 0.006         | 92 | 575244   | 9.49           |       |
| 127 1,1,2,2-Tetrachloroethane        | 83  |           | 12.073        |               |    |          | ND             |       |
| 128 Bromobenzene                     | 156 |           | 12.085        |               |    |          | ND             |       |
| 129 trans-1,4-Dichloro-2-butene      | 53  |           | 12.097        |               |    |          | ND             |       |
| 130 1,2,3-Trichloropropane           | 110 |           | 12.121        |               |    |          | ND             |       |
| 131 N-Propylbenzene                  | 91  |           | 12.158        |               |    |          | ND             |       |
| 132 2-Chlorotoluene                  | 126 |           | 12.231        |               |    |          | ND             |       |
| 133 1,3,5-Trimethylbenzene           | 105 |           | 12.298        |               |    |          | ND             | 7     |
| 134 4-Chlorotoluene                  | 126 |           | 12.329        |               |    |          | ND             |       |
| 135 tert-Butylbenzene                | 134 |           | 12.542        |               |    |          | ND             |       |
| 136 Pentachloroethane                | 167 |           | 12.573        |               |    |          | ND             |       |
| 137 1,2,4-Trimethylbenzene           | 105 |           | 12.585        |               |    |          | ND             | 7     |
| 138 sec-Butylbenzene                 | 105 |           | 12.707        |               |    |          | ND             | 7     |
| 139 1,3-Dichlorobenzene              | 146 |           | 12.804        |               |    |          | ND             | 7     |
| 140 4-Isopropyltoluene               | 119 |           | 12.816        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4         | 152 | 12.859    | 12.859        | 0.000         | 95 | 665453   | 10.0           |       |
| 142 1,4-Dichlorobenzene              | 146 |           | 12.877        |               |    |          | ND             | 7     |
| 143 1,2,3-Trimethylbenzene           | 120 |           | 12.890        |               |    |          | ND             | 7     |
| 144 Benzyl chloride                  | 126 |           | 12.957        |               |    |          | ND             |       |
| 145 p-Diethylbenzene                 | 119 |           | 13.091        |               |    |          | ND             |       |
| 146 n-Butylbenzene                   | 92  |           | 13.109        |               |    |          | ND             |       |
| 147 1,2-Dichlorobenzene              | 146 |           | 13.140        |               |    |          | ND             |       |
| 149 Hexachloroethane                 | 201 |           | 13.682        |               |    |          | ND             |       |
| 148 1,2-Dibromo-3-Chloropropane      | 155 |           | 13.682        |               |    |          | ND             |       |
| 150 1,3,5-Trichlorobenzene           | 180 |           | 13.810        |               |    |          | ND             |       |
| 151 1,2,4-Trichlorobenzene           | 180 |           | 14.231        |               |    |          | ND             |       |
| 152 Hexachlorobutadiene              | 225 |           | 14.316        |               |    |          | ND             |       |
| 153 Naphthalene                      | 128 |           | 14.414        |               |    |          | ND             |       |
| 154 1,2,3-Trichlorobenzene           | 180 |           | 14.554        |               |    |          | ND             |       |
| 155 tert-Butyl Formate               | 1   |           | 0.000         |               |    |          | ND             |       |
| 156 Dodecane                         | 57  |           | 0.000         |               |    |          | ND             |       |
| 157 Pentane                          | 43  |           | 0.000         |               |    |          | ND             |       |
| 158 1,1-Dichloroacetone              | 1   |           | 0.000         |               |    |          | ND             |       |
| 159 n-Decane                         | 57  |           | 0.000         |               |    |          | ND             |       |
| 160 1-Bromo-3-Chloropropane          | 1   |           | 0.000         |               |    |          | ND             |       |
| 161 1-Chloropropane                  | 1   |           | 0.000         |               |    |          | ND             |       |
| 162 Propene oxide                    | 1   |           | 0.000         |               |    |          | ND             |       |
| 163 1,1-Dichloro-1-fluoroethane      | 1   |           | 0.000         |               |    |          | ND             |       |
| 164 Methylal                         | 1   |           | 0.000         |               |    |          | ND             |       |
| 165 2-Bromo-1-chloropropane          | 1   |           | 0.000         |               |    |          | ND             |       |
| 166 1,1-Dichloro-1-fluoroethane TIC1 |     |           | 0.000         |               |    |          | ND             |       |
| 210 Ethyl acrylate                   | 55  |           | 0.000         |               |    |          | ND             |       |

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D

Injection Date: 02-Oct-2025 22:59:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-6

Lab Sample ID: 410-243359-6

Worklist Smp#: 15

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

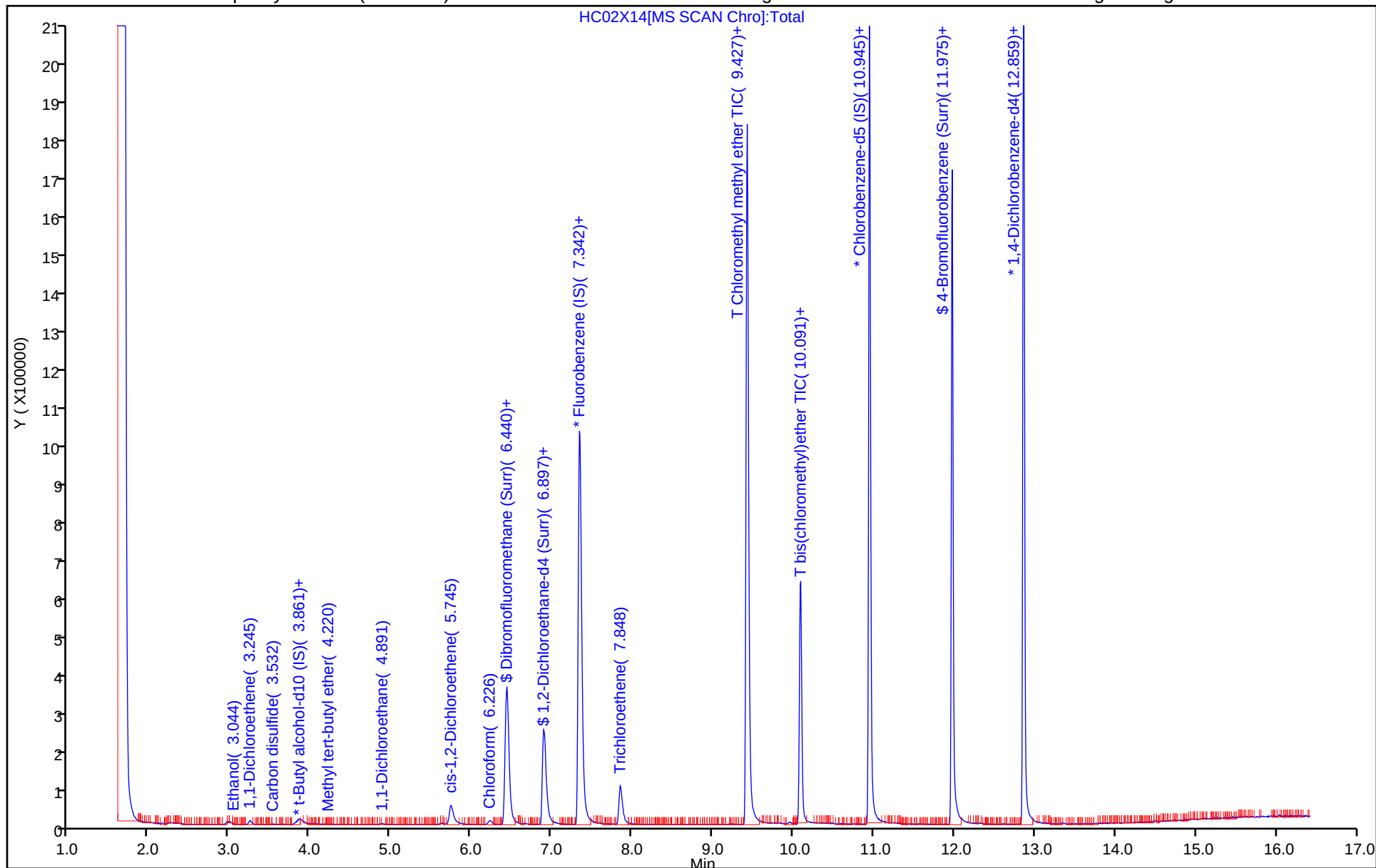
ALS Bottle#: 14

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D  
Lims ID: 410-243359-A-6  
Client ID: HD-COD-SW-15-0/1-0  
Sample Type: Client  
Inject. Date: 02-Oct-2025 22:59:30 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-015  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:16:30 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:16:30

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.4             | 103.77 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.1             | 100.97 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.59             | 95.87  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.49             | 94.85  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D

Injection Date: 02-Oct-2025 22:59:30

Instrument ID: 19094

Lims ID: 410-243359-A-6

Lab Sample ID: 410-243359-6

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

Operator ID: hr3z

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

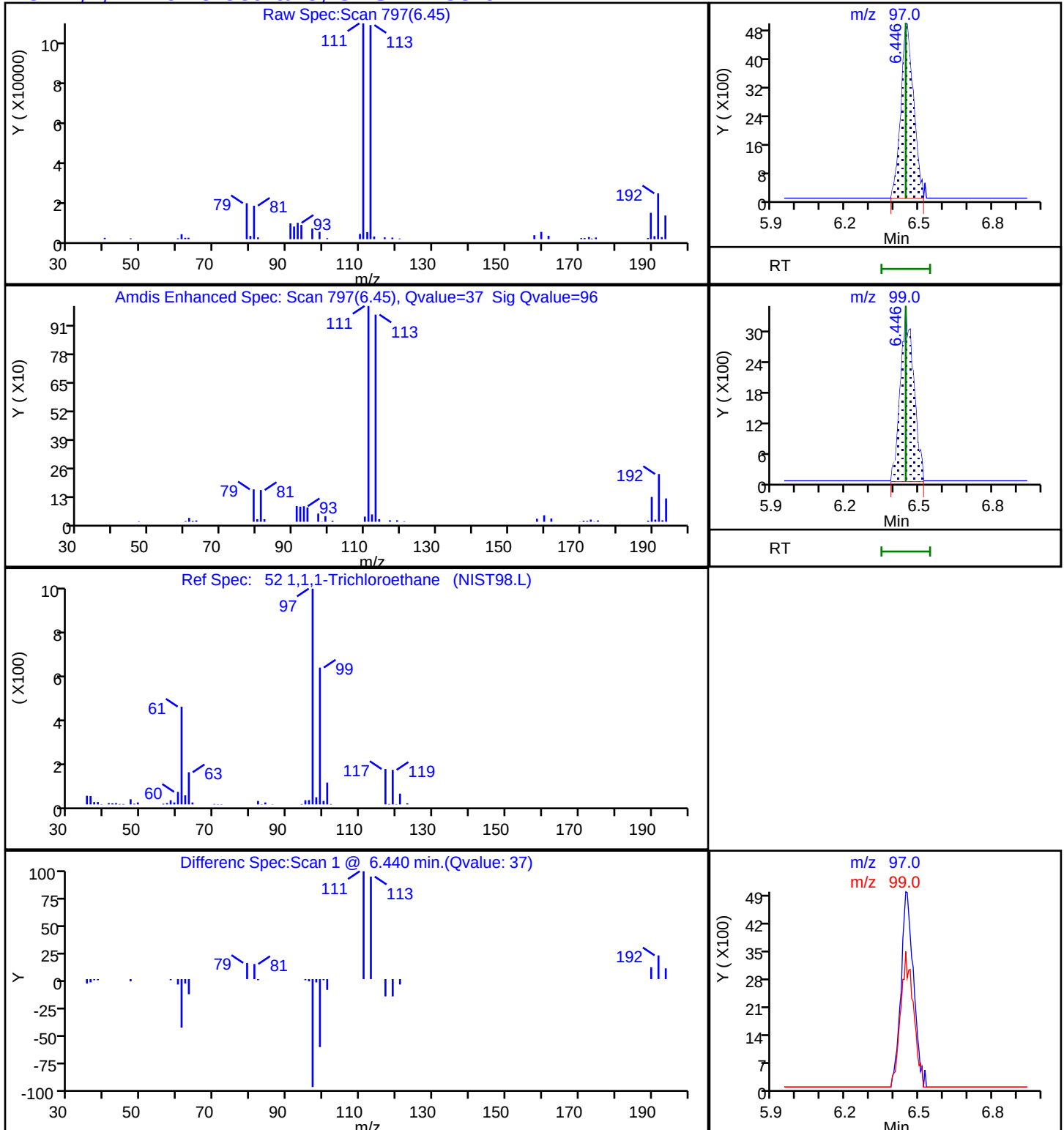
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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



Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D

Injection Date: 02-Oct-2025 22:59:30

Instrument ID: 19094

Lims ID: 410-243359-A-6

Lab Sample ID: 410-243359-6

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

Operator ID: hr3z

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

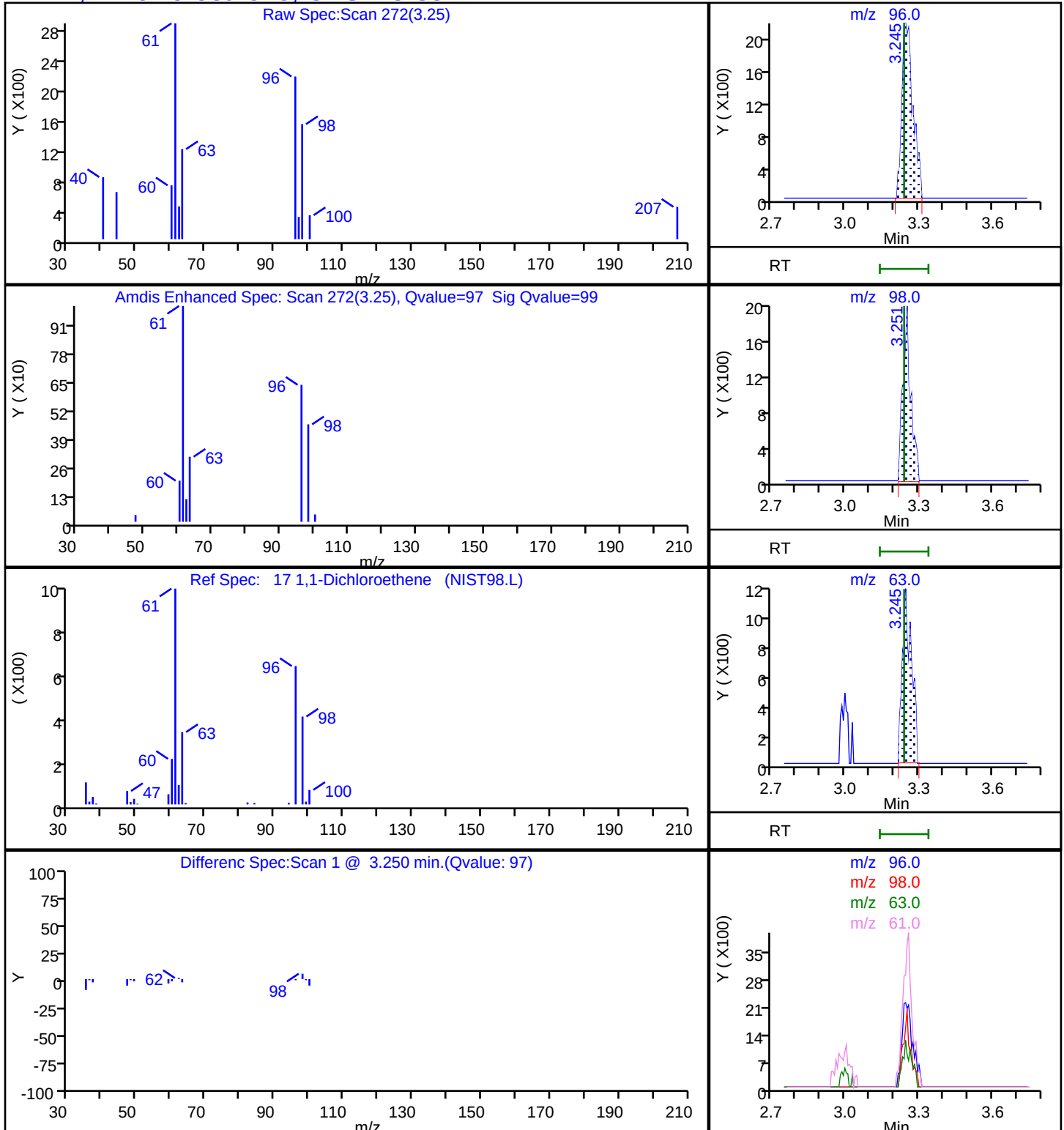
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D

Injection Date: 02-Oct-2025 22:59:30

Instrument ID: 19094

Lims ID: 410-243359-A-6

Lab Sample ID: 410-243359-6

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

Operator ID: hr3z

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

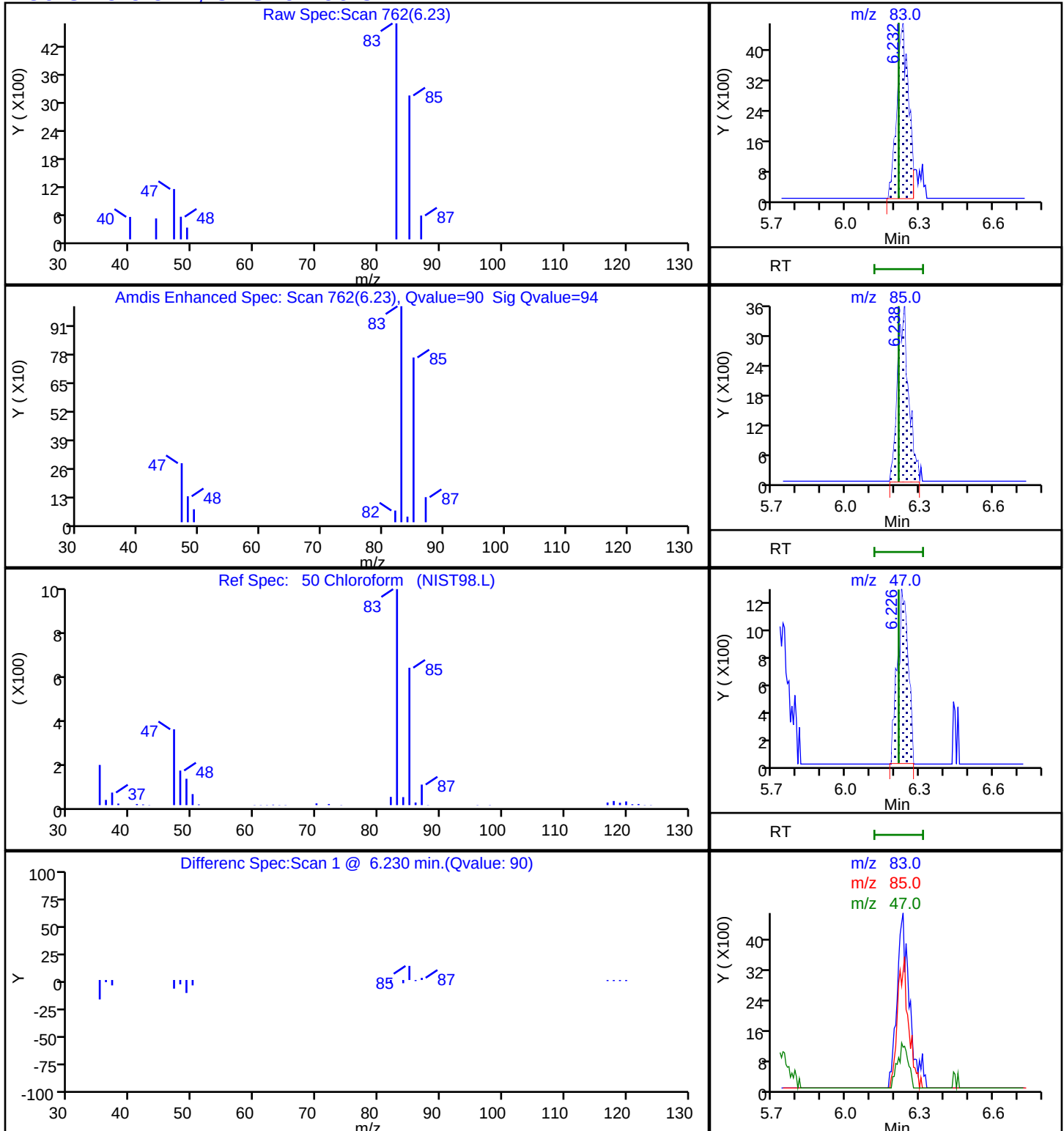
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**50 Chloroform, CAS: 67-66-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D

Injection Date: 02-Oct-2025 22:59:30

Instrument ID: 19094

Lims ID: 410-243359-A-6

Lab Sample ID: 410-243359-6

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

Operator ID: hr3z

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

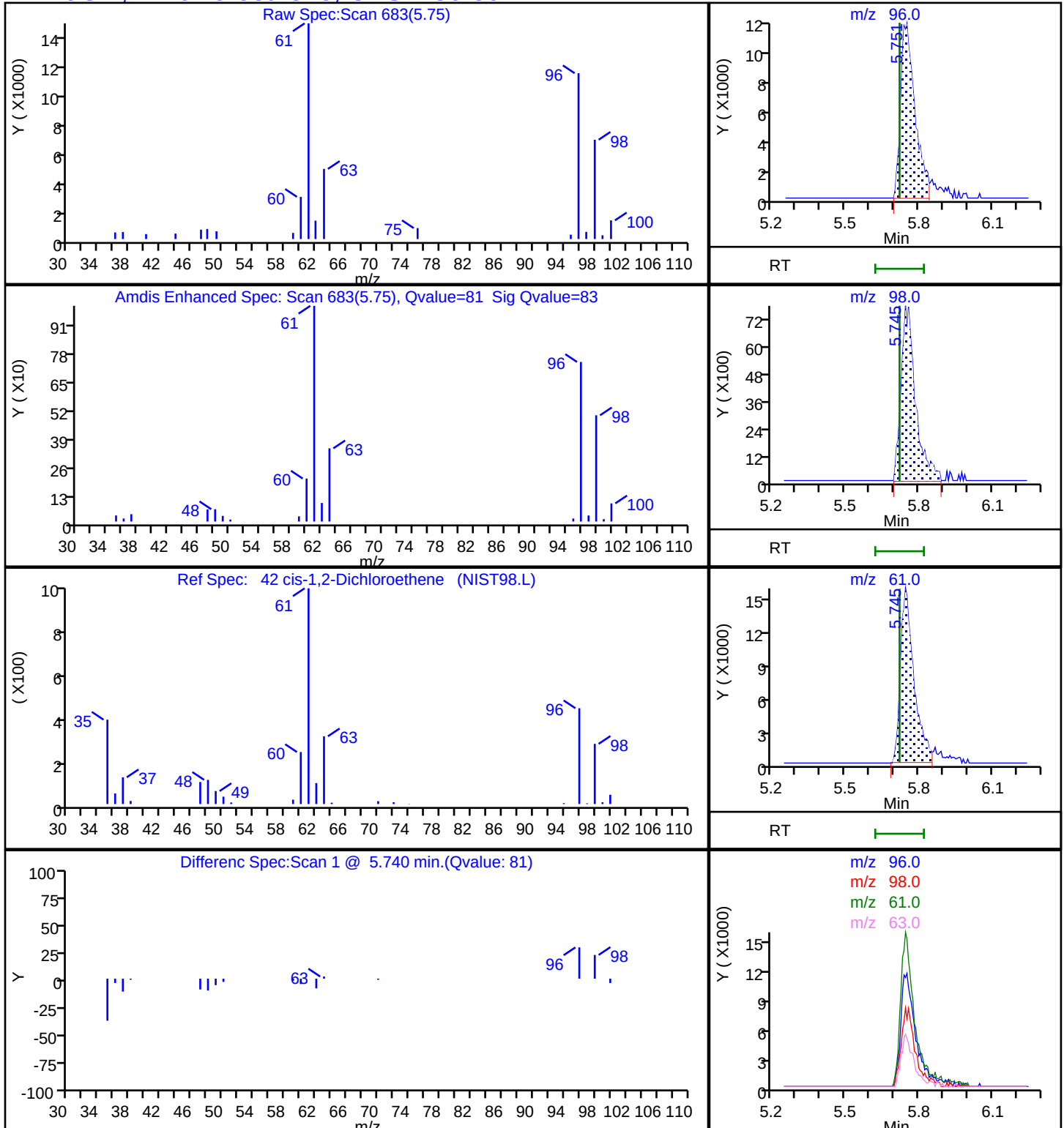
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D

Injection Date: 02-Oct-2025 22:59:30

Instrument ID: 19094

Lims ID: 410-243359-A-6

Lab Sample ID: 410-243359-6

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

Operator ID: hr3z

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

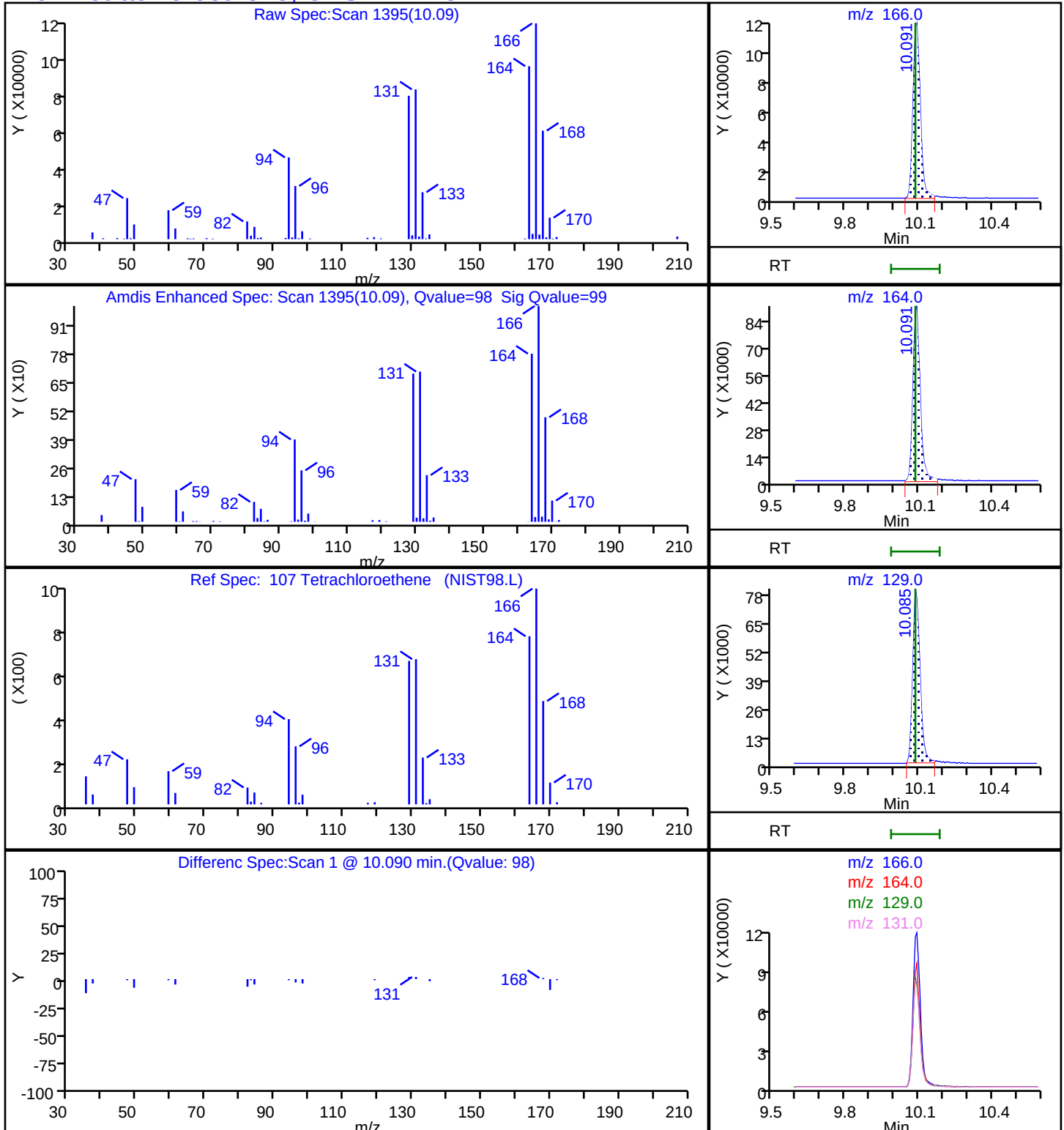
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D

Injection Date: 02-Oct-2025 22:59:30

Instrument ID: 19094

Lims ID: 410-243359-A-6

Lab Sample ID: 410-243359-6

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

Operator ID: hr3z

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

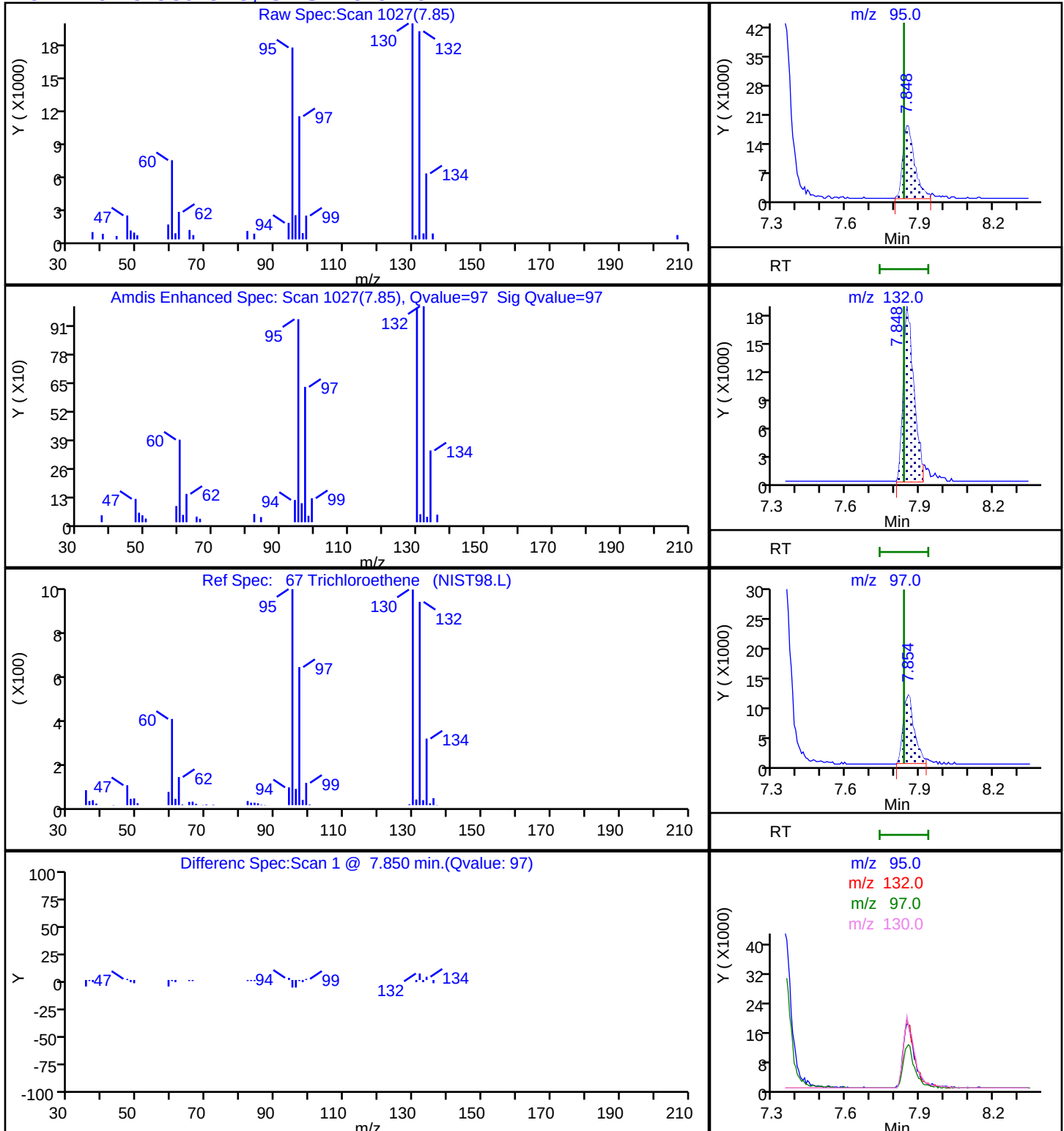
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X14.D

Injection Date: 02-Oct-2025 22:59:30

Instrument ID: 19094

Lims ID: 410-243359-A-6

Lab Sample ID: 410-243359-6

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

Operator ID: hr3z

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

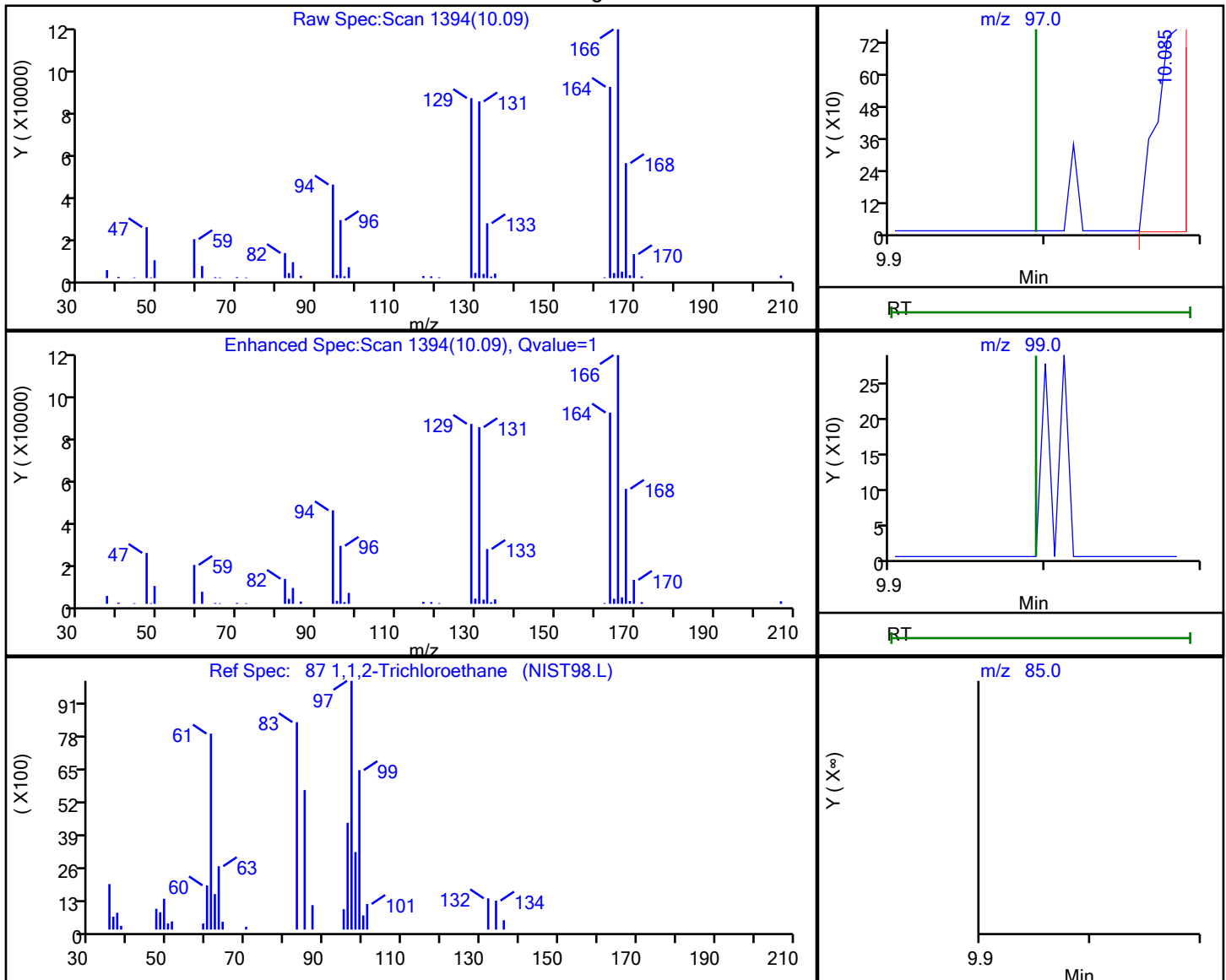
MSV - 8260C\_D

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

MS Quad

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

## Processing Results



| RT    | Mass  | Response | Amount   |
|-------|-------|----------|----------|
| 10.09 | 97.00 | 998      | 0.034538 |
| 9.99  | 99.00 | 0        |          |
| 9.99  | 85.00 | 0        |          |
| 10.09 | 83.00 | 3634     |          |

Reviewer: FQ4L, 03-Oct-2025 15:16:14 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-7

Matrix: Water

Lab File ID: HC02X17.D

Analysis Method: 8260D

Date Collected: 09/22/2025 10:27

Sample wt/vol: 25 (mL)

Date Analyzed: 10/03/2025 00:02

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 0.22   | J | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | ND     |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | ND     |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | ND     |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | ND     |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 0.24   | J | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 3.1    |   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-16-0/1-0 Lab Sample ID: 410-243359-7

Matrix: Water Lab File ID: HC02X17.D

Analysis Method: 8260D Date Collected: 09/22/2025 10:27

Sample wt/vol: 25 (mL) Date Analyzed: 10/03/2025 00:02

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376 Units: ug/L

Preparation Batch No.: \_\_\_\_\_ Instrument ID: 19094

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

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 102  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 93   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 101  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 95   |   | 80-120 |



Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X17.D  
 Lims ID: 410-243359-A-7  
 Client ID: HD-COD-SW-16-0/1-0  
 Sample Type: Client  
 Inject. Date: 03-Oct-2025 00:02:30 ALS Bottle#: 17 Worklist Smp#: 18  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-018  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:08:56 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:08:56

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 2.007     | 1.995         | 0.012         | 97 | 5083     | 0.0718         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             | 7     |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  |           | 3.519         |               |    |          | ND             | 7     |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.855     | 3.873         | -0.018        | 1  | 62452    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             | 7     |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             | 7     |
| 42 cis-1,2-Dichloroethene          | 96  | 5.775     | 5.720         | 0.055         | 78 | 11958    | 0.2365         |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.244     | 6.214         | 0.030         | 71 | 6188     | 0.0742         | M     |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 93 | 387568   | 10.1           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.452     | 6.446         | 0.006         | 37 | 16781    | 0.2152         |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 6  | 71222    | 10.2           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1651628  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.872     | 7.836         | 0.036         | 97 | 11830    | 0.2208         |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             | 7     |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1725211  | 9.54           |       |
| 84 Toluene                         | 92  | 9.518     | 9.506         | 0.012         | 97 | 7888     | 0.0563         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             | 7     |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.091    | 10.085        | 0.006         | 98 | 206719   | 3.12           |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85 | 1299256  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             | 7     |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             | 7     |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 92 | 607687   | 9.31           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 717973   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:08:57

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X17.D

Injection Date: 03-Oct-2025 00:02:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-7

Lab Sample ID: 410-243359-7

Worklist Smp#: 18

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

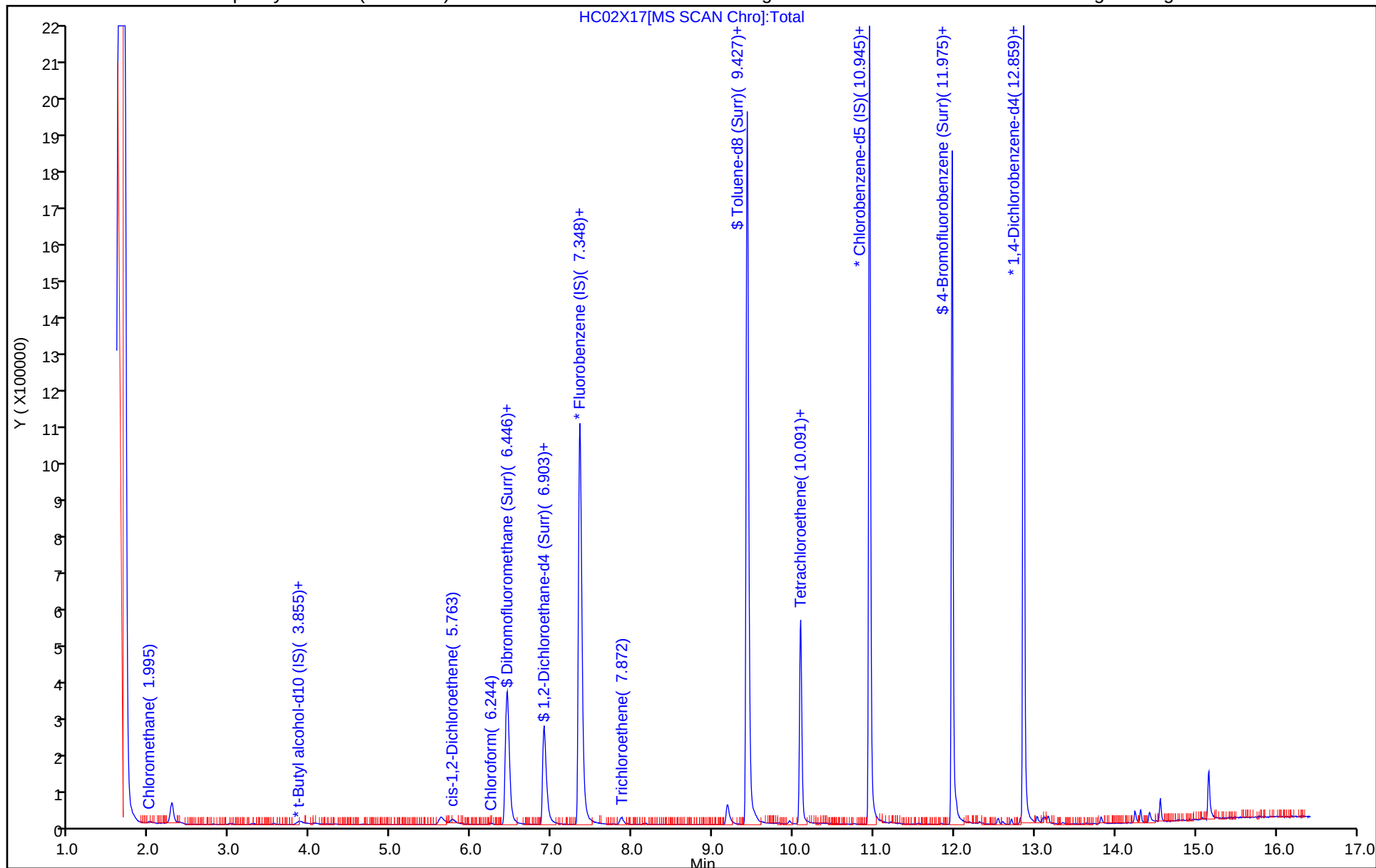
ALS Bottle#: 17

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X17.D  
Lims ID: 410-243359-A-7  
Client ID: HD-COD-SW-16-0/1-0  
Sample Type: Client  
Inject. Date: 03-Oct-2025 00:02:30 ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-018  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:08:56 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:08:56

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.1             | 101.10 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.2             | 102.46 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.54             | 95.45  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.31             | 93.10  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X17.D

Injection Date: 03-Oct-2025 00:02:30

Instrument ID: 19094

Lims ID: 410-243359-A-7

Lab Sample ID: 410-243359-7

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

Operator ID: hr3z

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

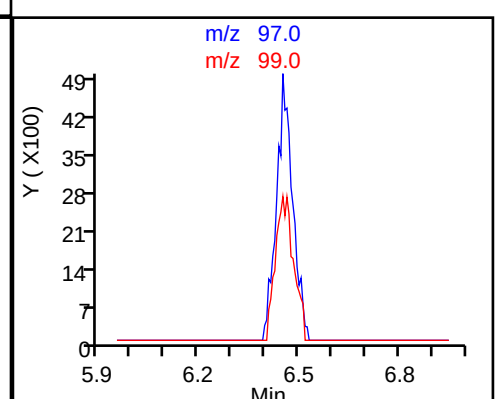
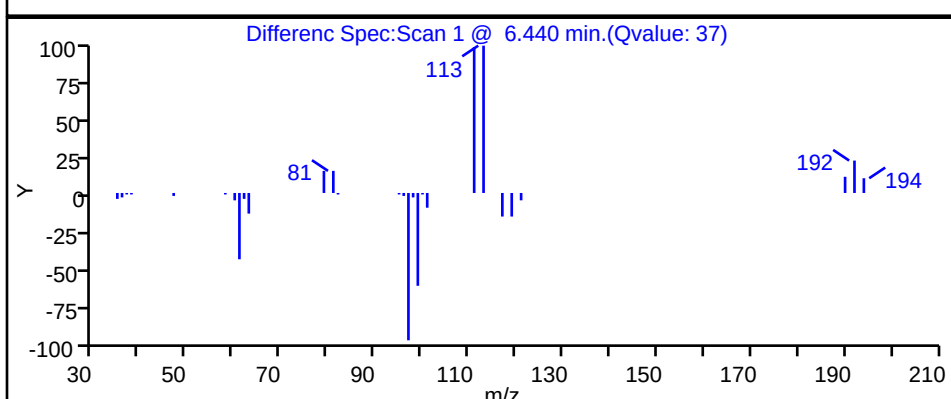
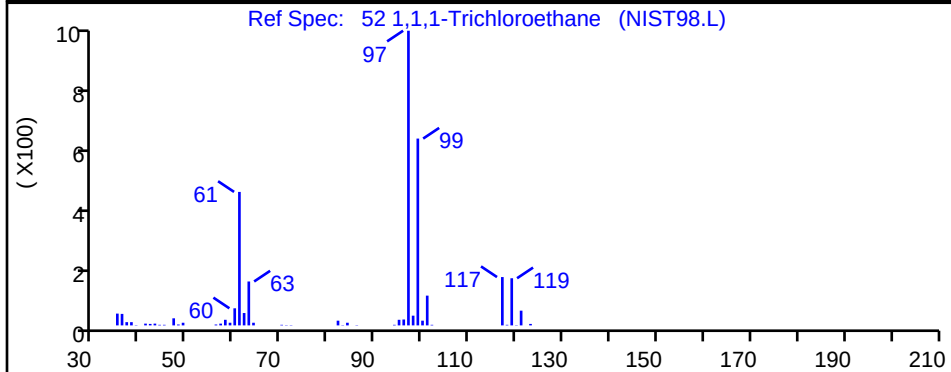
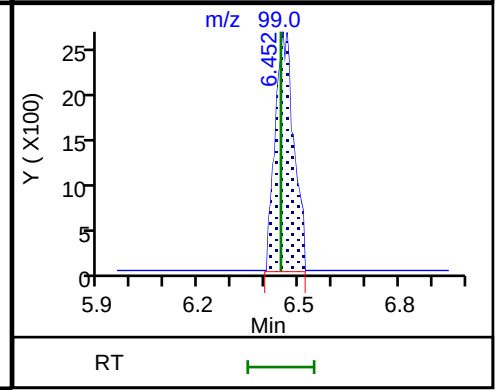
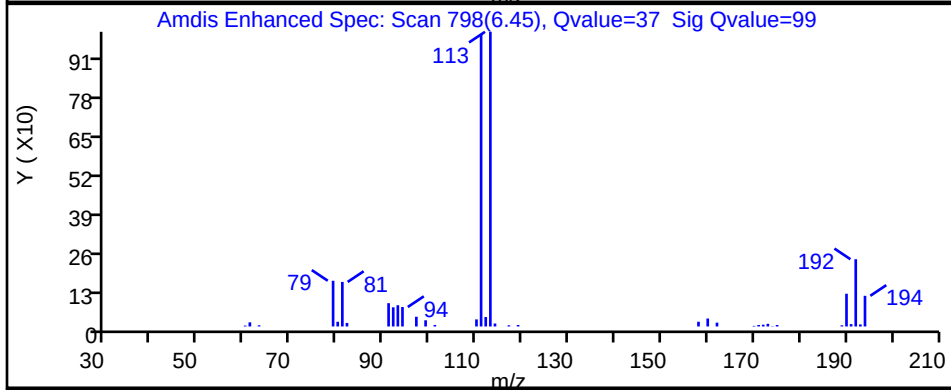
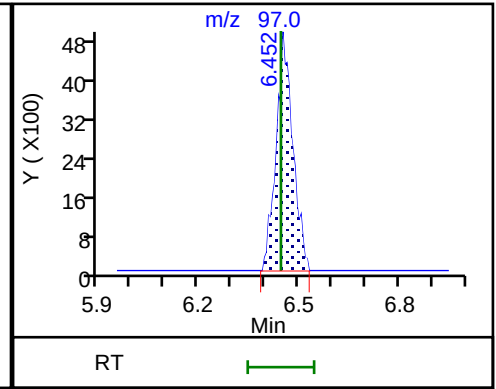
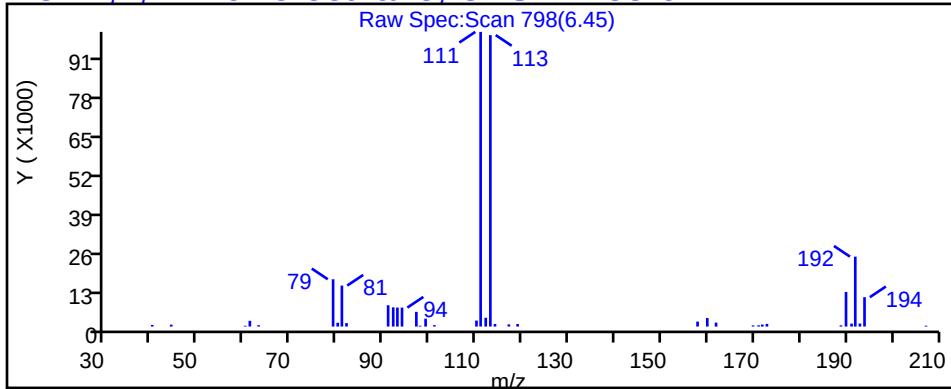
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X17.D

Injection Date: 03-Oct-2025 00:02:30

Instrument ID: 19094

Lims ID: 410-243359-A-7

Lab Sample ID: 410-243359-7

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

Operator ID: hr3z

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

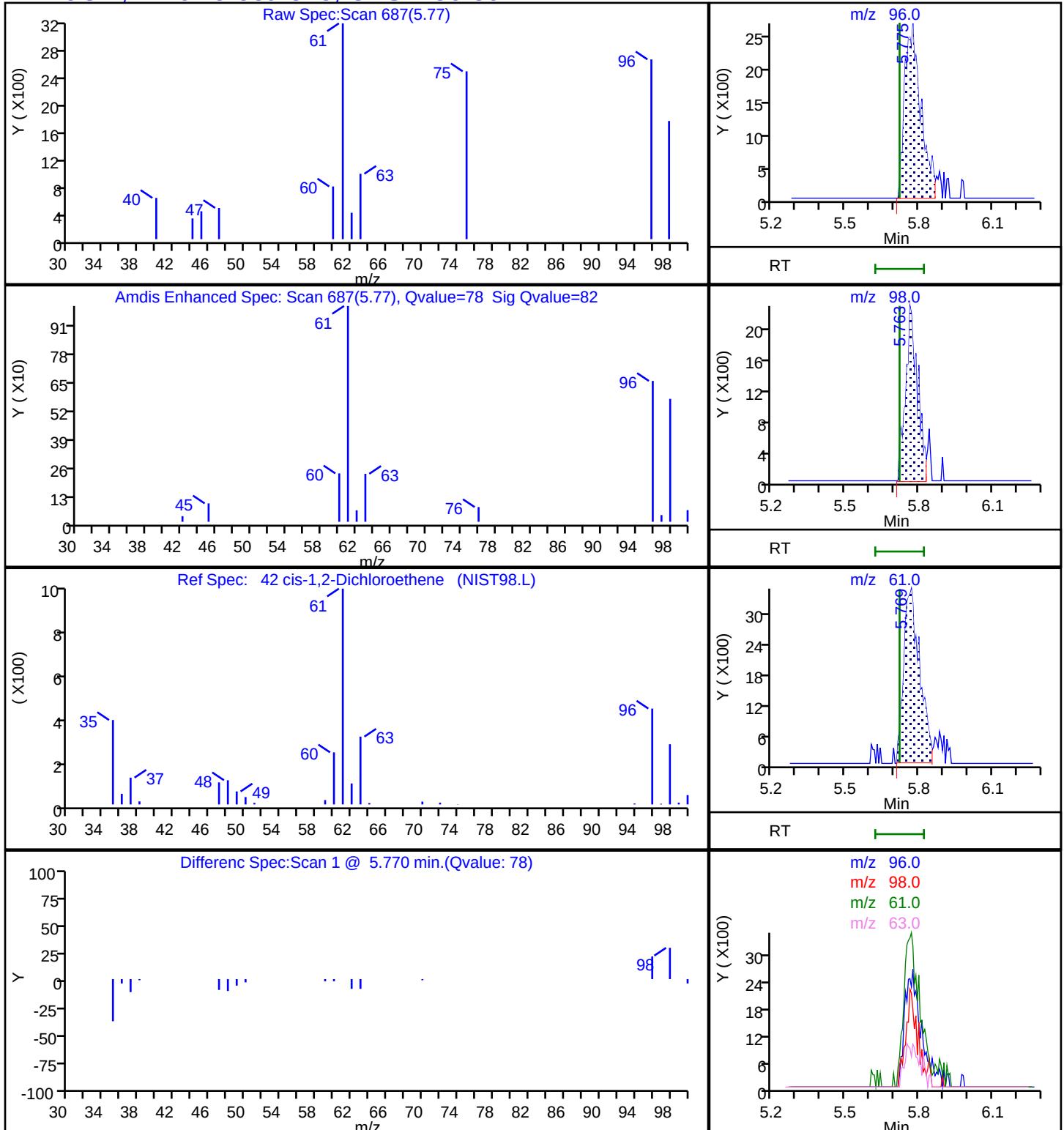
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X17.D

Injection Date: 03-Oct-2025 00:02:30

Instrument ID: 19094

Lims ID: 410-243359-A-7

Lab Sample ID: 410-243359-7

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

Operator ID: hr3z

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

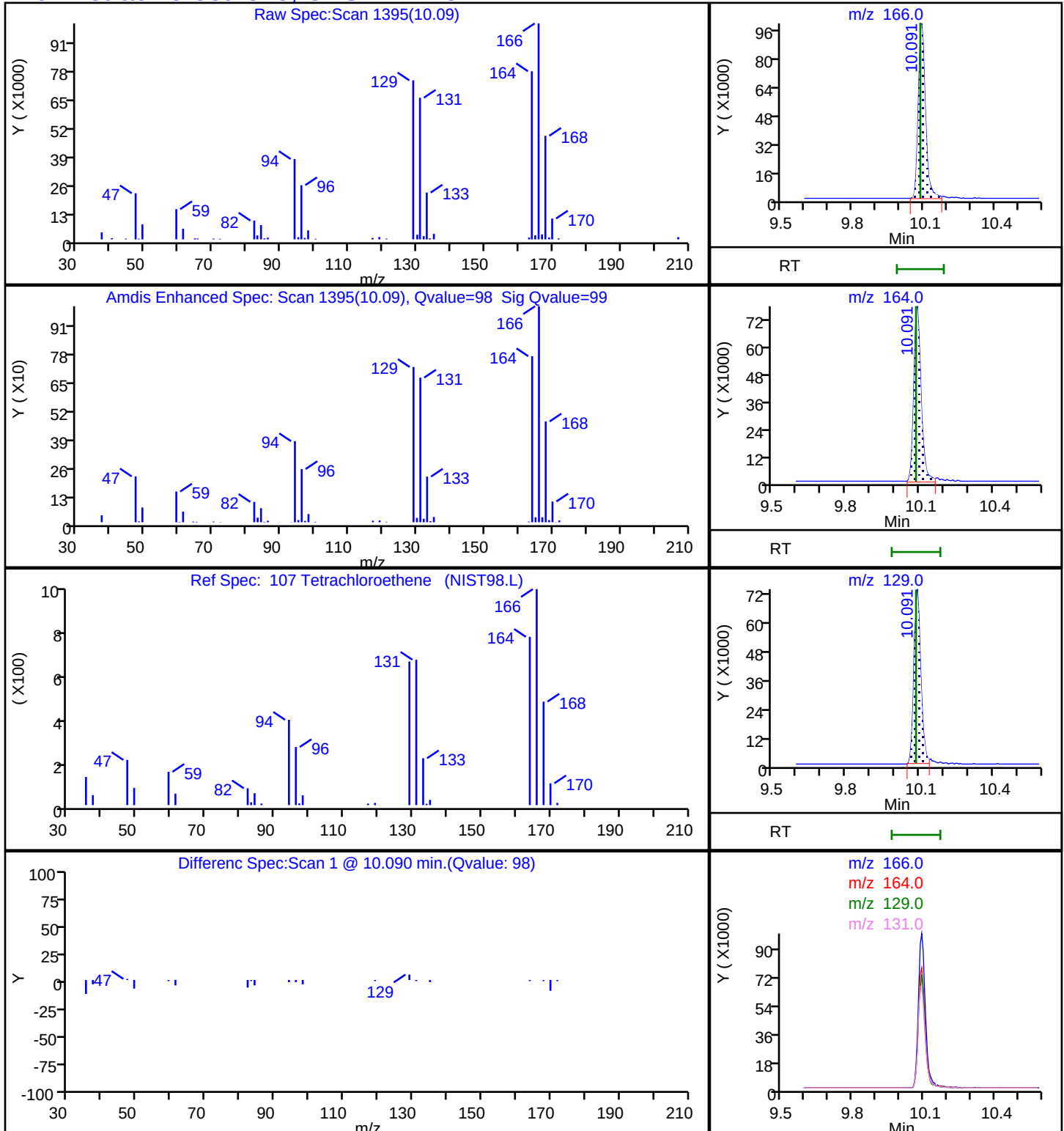
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X17.D

Injection Date: 03-Oct-2025 00:02:30

Instrument ID: 19094

Lims ID: 410-243359-A-7

Lab Sample ID: 410-243359-7

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

Operator ID: hr3z

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

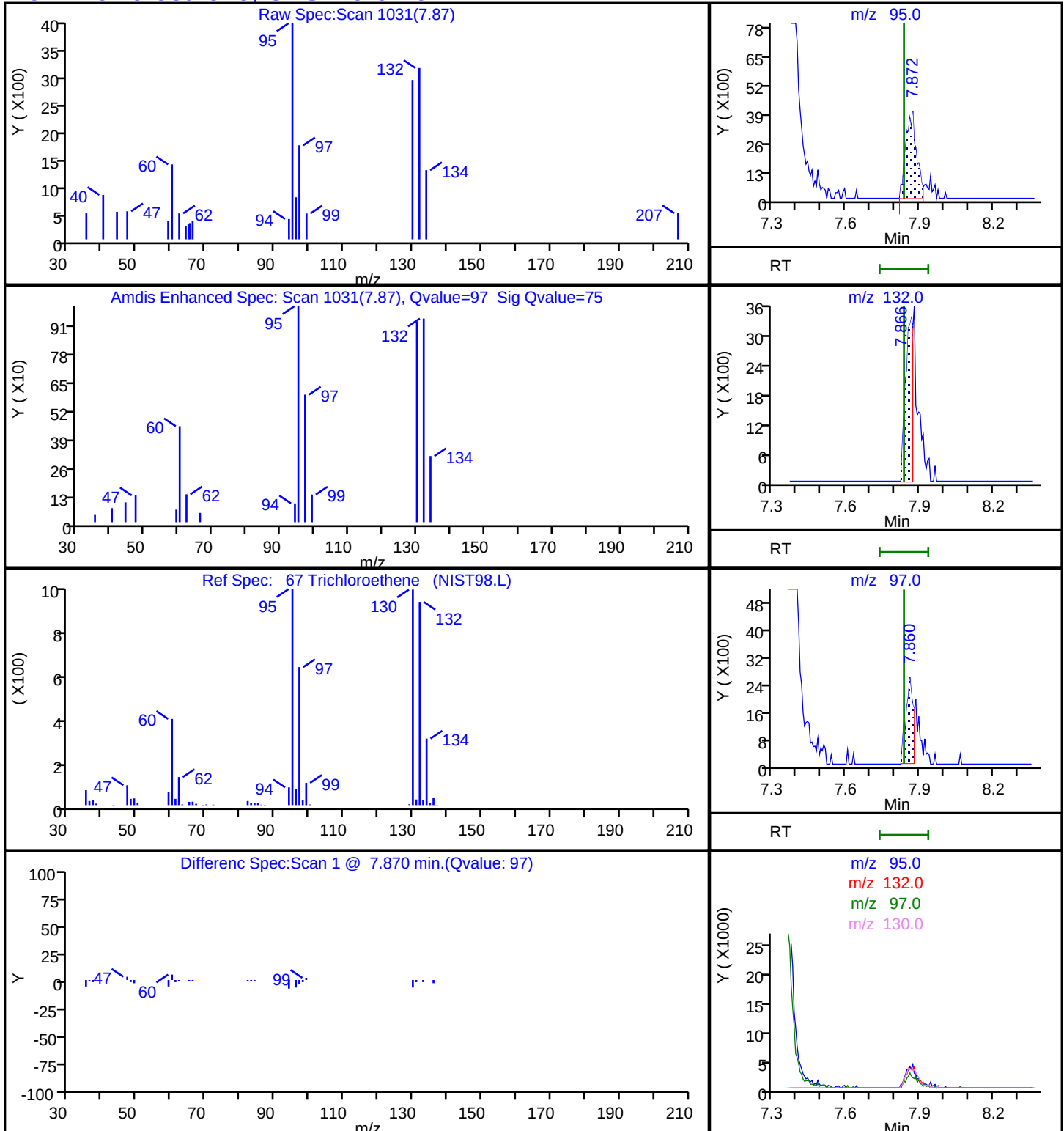
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**



## Eurofins Lancaster Laboratories Environment Testing, LLC

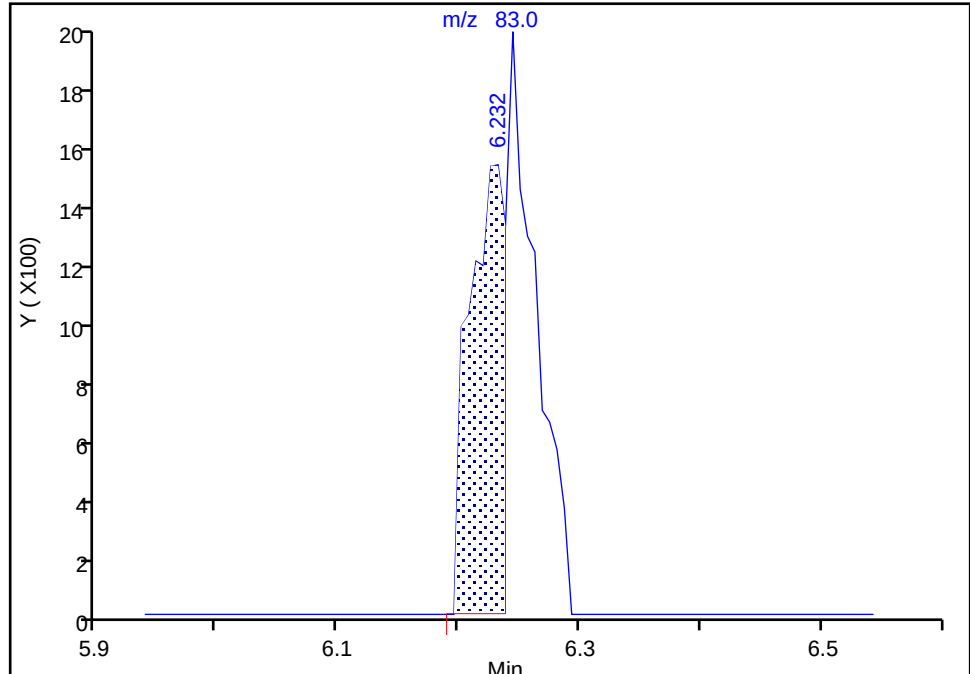
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X17.D  
Injection Date: 03-Oct-2025 00:02:30 Instrument ID: 19094  
Lims ID: 410-243359-A-7 Lab Sample ID: 410-243359-7  
Client ID: HD-COD-SW-16-0/1-0  
Operator ID: hr3z ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**50 Chloroform, CAS: 67-66-3**

Signal: 1

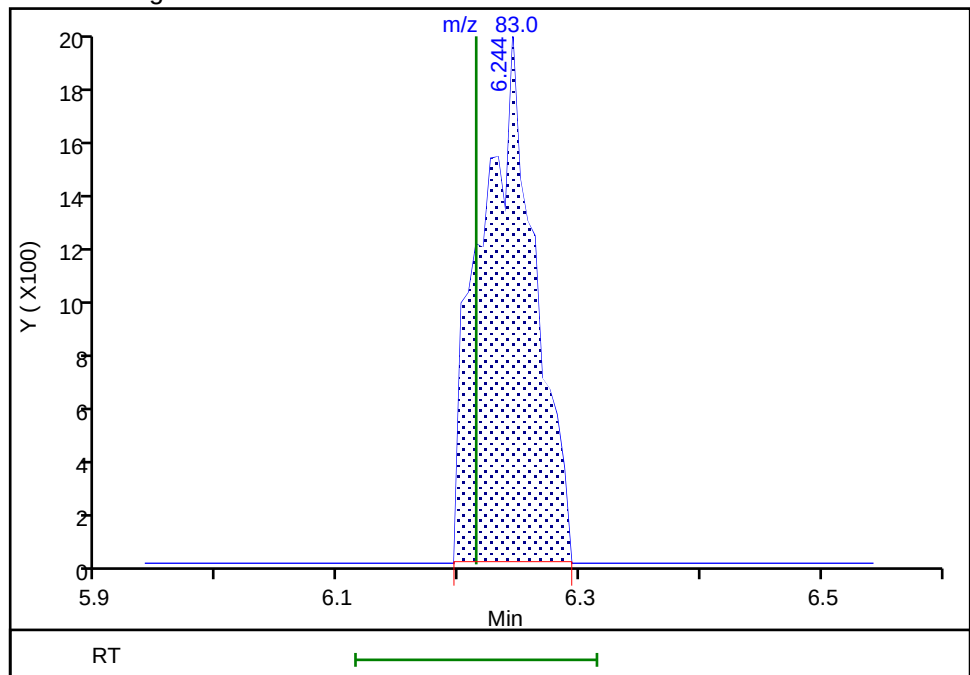
RT: 6.23  
Area: 3198  
Amount: 0.038351  
Amount Units: ug/l

## Processing Integration Results



RT: 6.24  
Area: 6188  
Amount: 0.074208  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:08:41 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-8

Matrix: Water

Lab File ID: HC02X18.D

Analysis Method: 8260D

Date Collected: 09/22/2025 10:35

Sample wt/vol: 25 (mL)

Date Analyzed: 10/03/2025 00:23

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 11     |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | 1.7    |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 0.88   |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 0.22   | J | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | ND     |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 2.4    |   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 108-88-3   | Toluene                     | ND     |   | 0.50 | 0.080 |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-17-0/1-0      Lab Sample ID: 410-243359-8

Matrix: Water      Lab File ID: HC02X18.D

Analysis Method: 8260D      Date Collected: 09/22/2025 10:35

Sample wt/vol: 25 (mL)      Date Analyzed: 10/03/2025 00:23

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 3.9    |   | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 102  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 94   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 103  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 94   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D  
 Lims ID: 410-243359-A-8  
 Client ID: HD-COD-SW-17-0/1-0  
 Sample Type: Client  
 Inject. Date: 03-Oct-2025 00:23:30 ALS Bottle#: 18 Worklist Smp#: 19  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-019  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:09:51 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:09:51

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  |           | 1.995         |               |    |          | ND             | 7     |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             | 7     |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  | 3.251     | 3.239         | 0.012         | 98 | 37324    | 0.8840         |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  |           | 3.519         |               |    |          | ND             | 7     |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.861     | 3.873         | -0.012        | 1  | 62469    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             | 7     |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             | 7     |
| 35 1,1-Dichloroethane              | 63  | 4.879     | 4.873         | 0.006         | 96 | 155876   | 1.72           |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.732     | 5.720         | 0.012         | 79 | 121107   | 2.38           |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.226     | 6.214         | 0.012         | 91 | 18593    | 0.2215         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.439     | 6.434         | 0.005         | 93 | 399045   | 10.3           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.445     | 6.446         | -0.001        | 98 | 837439   | 10.7           |       |
| 56 Carbon tetrachloride            | 117 | 6.683     | 6.665         | 0.018         | 1  | 2526     | 0.0381         |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 5  | 71053    | 10.2           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.342         | 0.000         | 99 | 1662814  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.842     | 7.836         | 0.006         | 98 | 211407   | 3.92           |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1779275  | 9.44           |       |
| 84 Toluene                         | 92  | 9.524     | 9.506         | 0.018         | 1  | 3740     | 0.0256         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             | 7     |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 98 | 10339155 | 149.9          | E     |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             | U     |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85 | 1354632  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             | 7     |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             |       |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.969    | 11.969        | 0.000         | 92 | 639898   | 9.40           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 725976   | 10.0           |       |

### QC Flag Legend

#### Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

#### Review Flags

U - Marked Undetected

### Reagents:

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:09:51

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D

Injection Date: 03-Oct-2025 00:23:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-8

Lab Sample ID: 410-243359-8

Worklist Smp#: 19

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

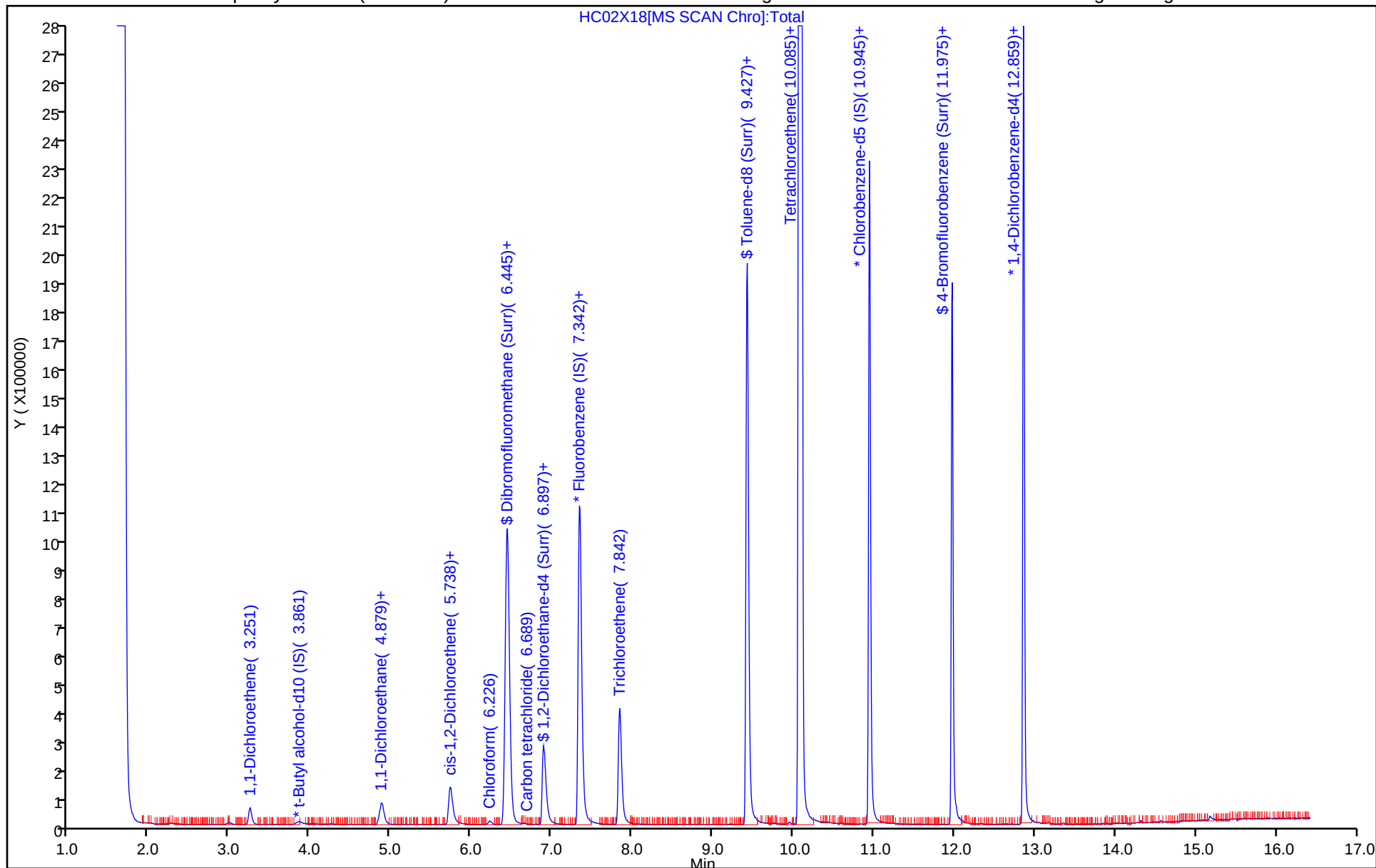
ALS Bottle#: 18

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D  
Lims ID: 410-243359-A-8  
Client ID: HD-COD-SW-17-0/1-0  
Sample Type: Client  
Inject. Date: 03-Oct-2025 00:23:30 ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-019  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:09:51 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:09:51

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.3             | 103.39 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.2             | 101.53 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.44             | 94.42  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.40             | 94.03  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D

Injection Date: 03-Oct-2025 00:23:30

Instrument ID: 19094

Lims ID: 410-243359-A-8

Lab Sample ID: 410-243359-8

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

Operator ID: hr3z

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 25.000 mL

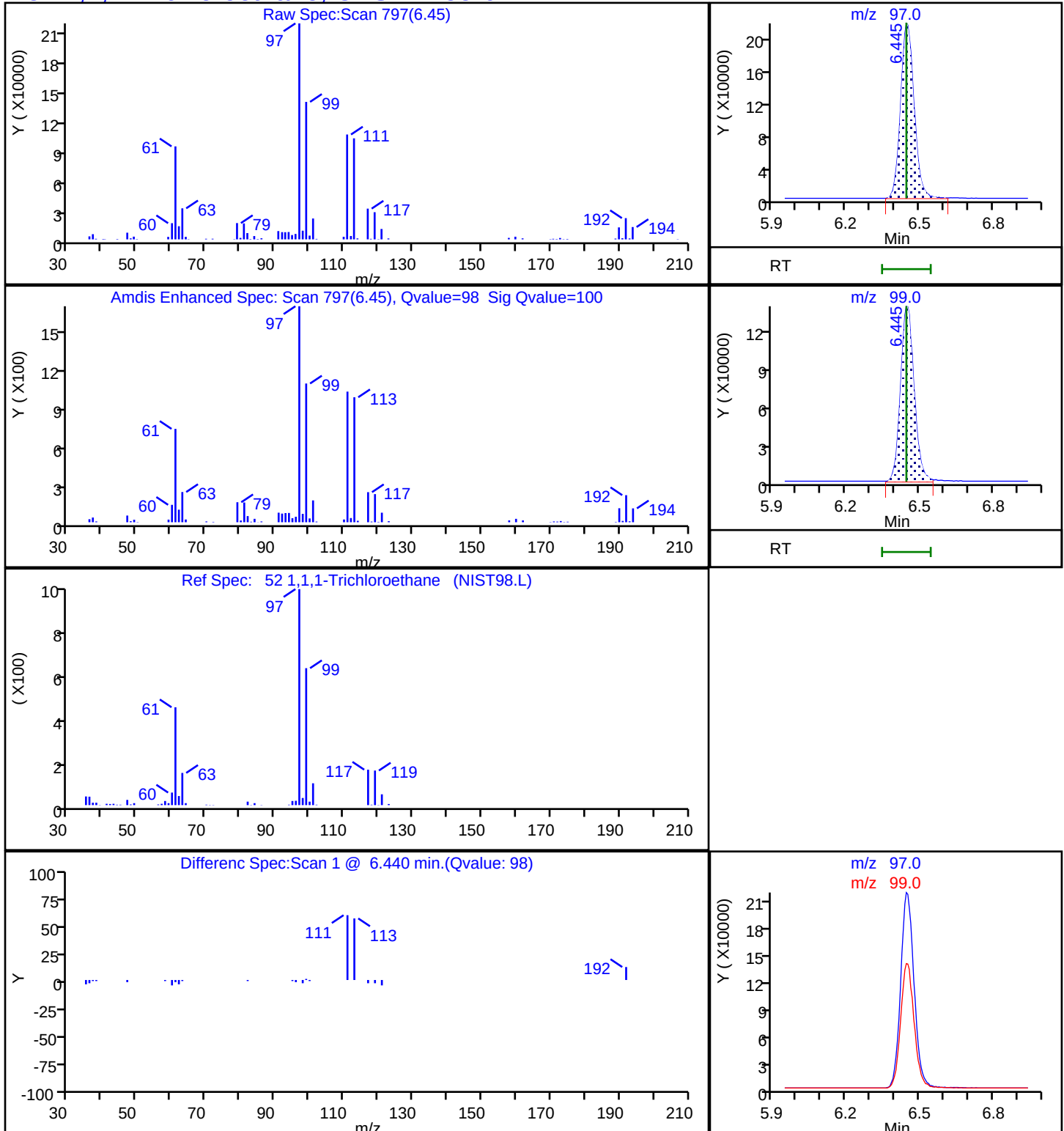
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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



Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D

Injection Date: 03-Oct-2025 00:23:30

Instrument ID: 19094

Lims ID: 410-243359-A-8

Lab Sample ID: 410-243359-8

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

Operator ID: hr3z

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 25.000 mL

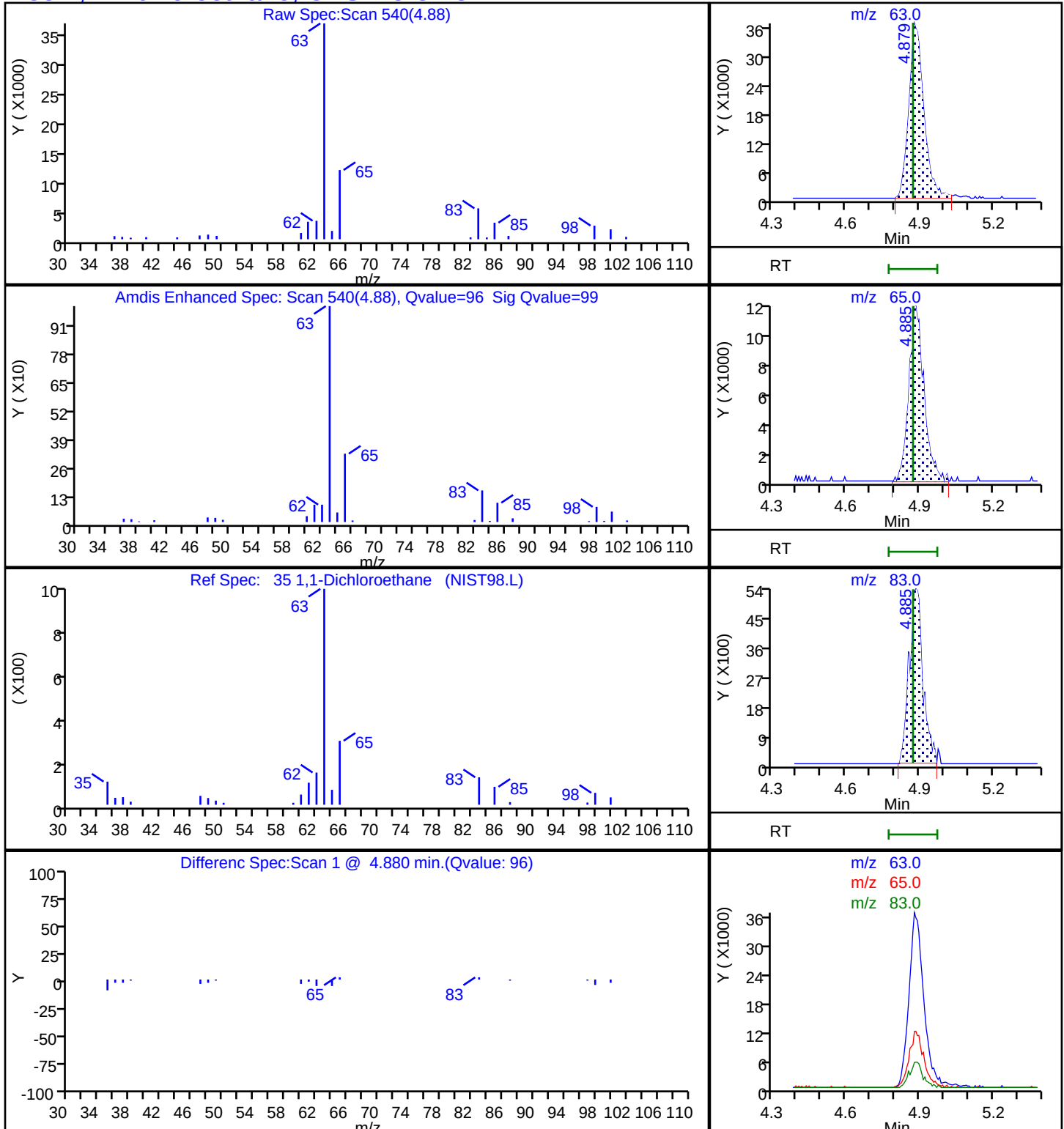
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D

Injection Date: 03-Oct-2025 00:23:30

Instrument ID: 19094

Lims ID: 410-243359-A-8

Lab Sample ID: 410-243359-8

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

Operator ID: hr3z

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 25.000 mL

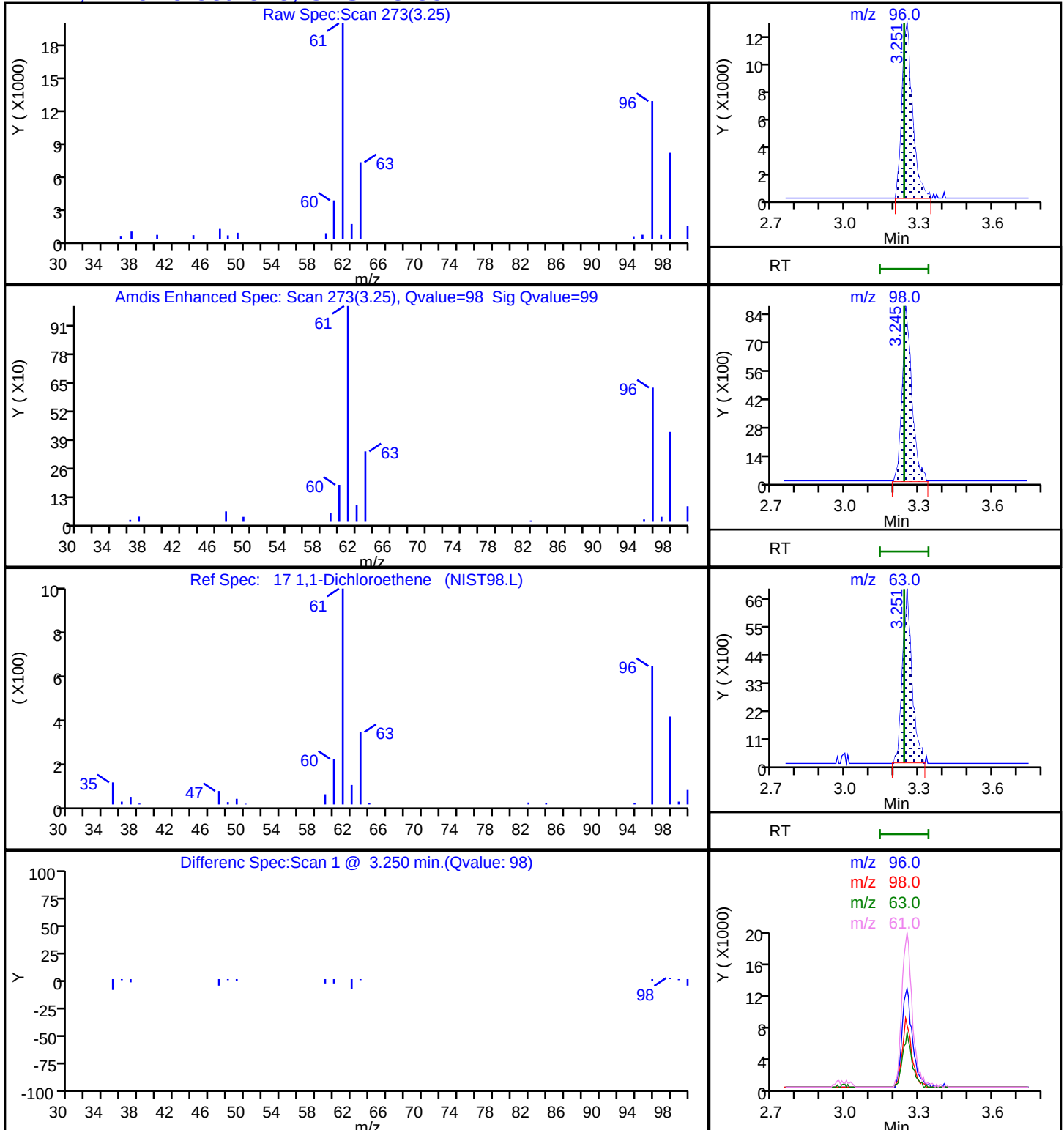
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D

Injection Date: 03-Oct-2025 00:23:30

Instrument ID: 19094

Lims ID: 410-243359-A-8

Lab Sample ID: 410-243359-8

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

Operator ID: hr3z

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 25.000 mL

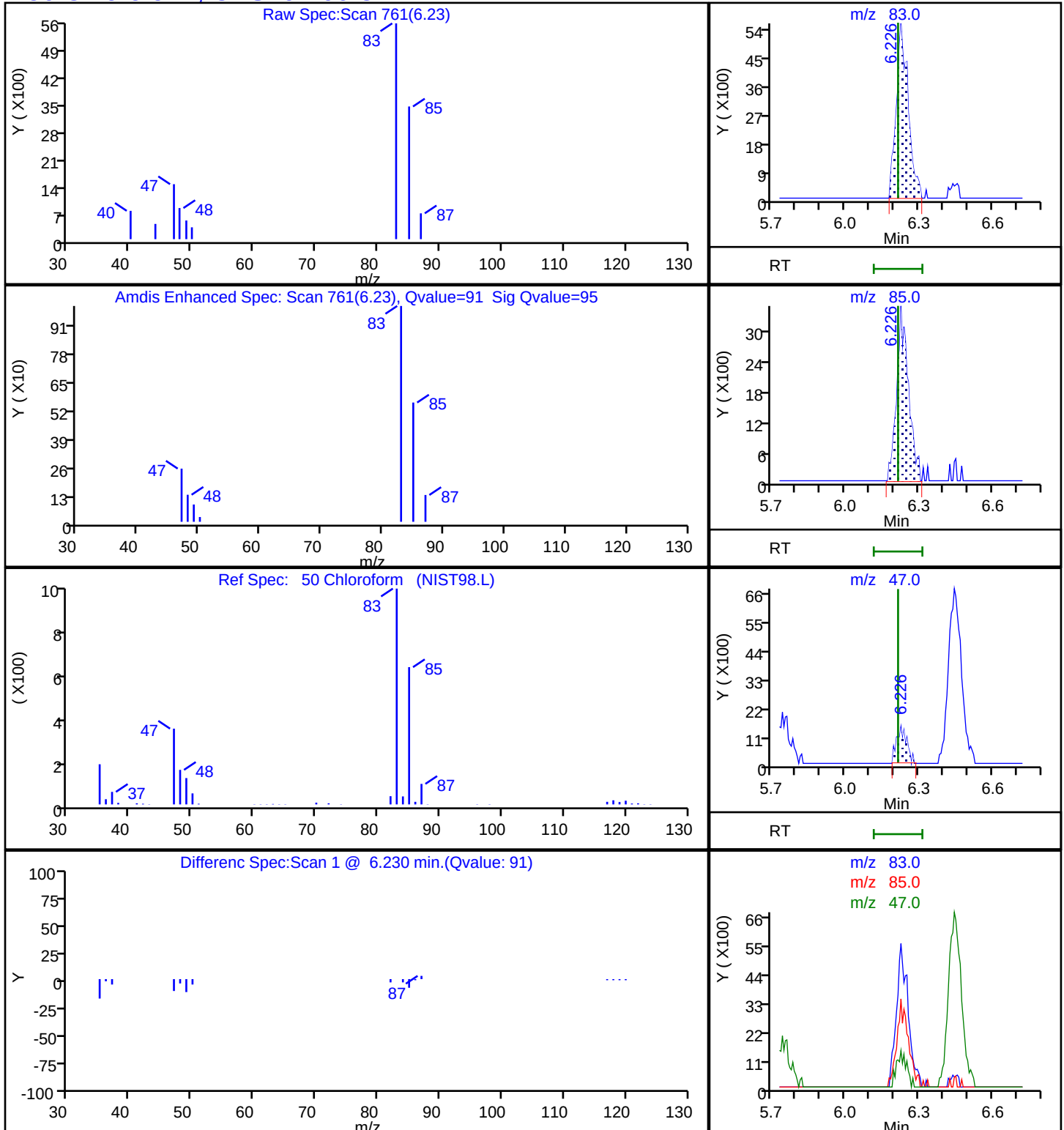
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**50 Chloroform, CAS: 67-66-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D

Injection Date: 03-Oct-2025 00:23:30

Instrument ID: 19094

Lims ID: 410-243359-A-8

Lab Sample ID: 410-243359-8

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

Operator ID: hr3z

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 25.000 mL

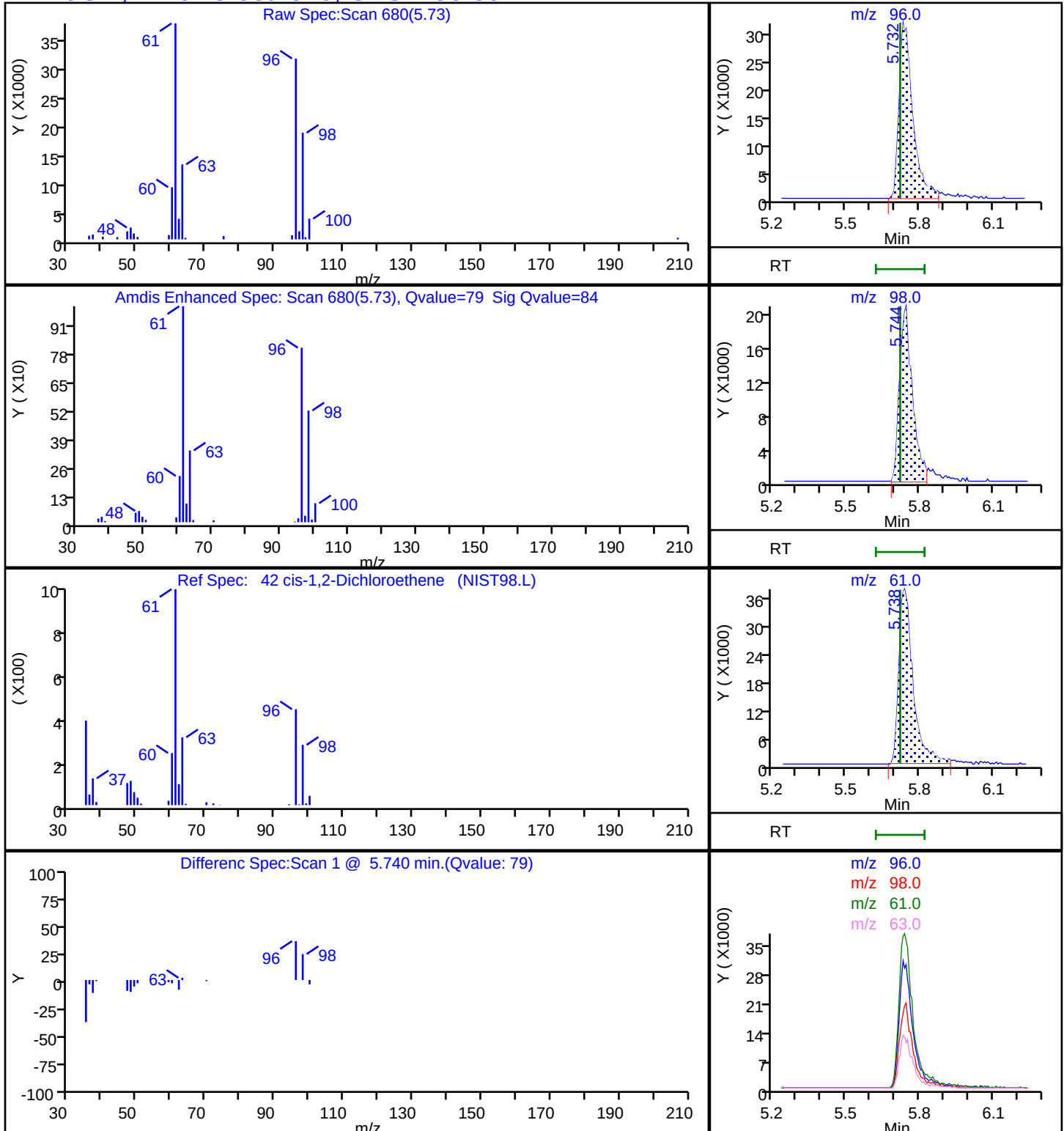
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D

Injection Date: 03-Oct-2025 00:23:30

Instrument ID: 19094

Lims ID: 410-243359-A-8

Lab Sample ID: 410-243359-8

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

Operator ID: hr3z

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 25.000 mL

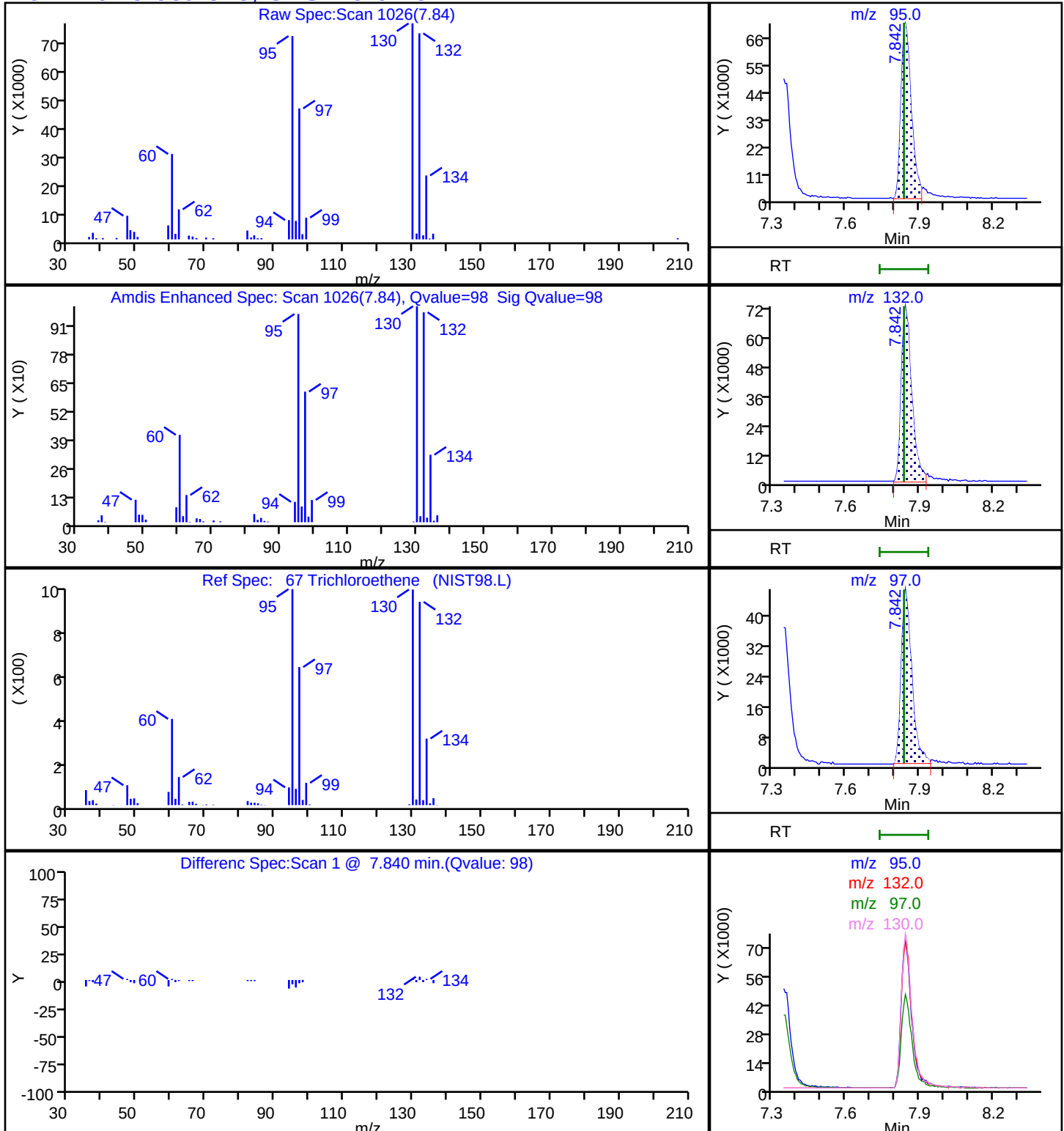
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X18.D

Injection Date: 03-Oct-2025 00:23:30

Instrument ID: 19094

Lims ID: 410-243359-A-8

Lab Sample ID: 410-243359-8

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

Operator ID: hr3z

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

MSV - 8260C\_D

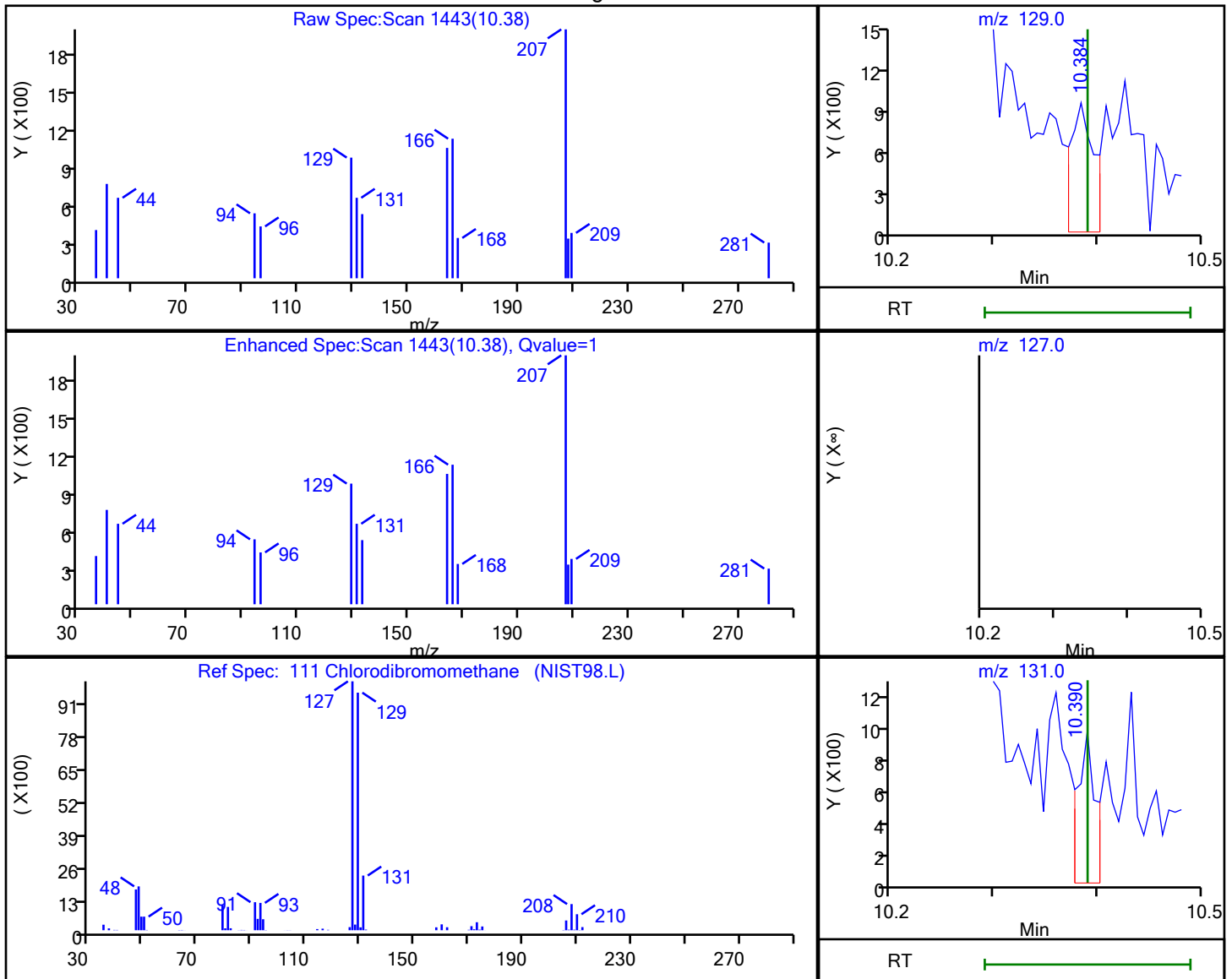
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID)

Detector:

MS Quad

## 111 Chlorodibromomethane, CAS: 124-48-1

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.38 | 129.00 | 1492     | 0.037253 |
| 10.39 | 127.00 | 0        |          |
| 10.39 | 131.00 | 1164     |          |
| 10.38 | 208.00 | 482      |          |

Reviewer: FQ4L, 03-Oct-2025 15:09:41 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-8 DL

Matrix: Water

Lab File ID: HC07X14.D

Analysis Method: 8260D

Date Collected: 09/22/2025 10:35

Sample wt/vol: 25 (mL)

Date Analyzed: 10/07/2025 13:31

Soil Aliquot Vol:

Dilution Factor: 10

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710012

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.  | COMPOUND NAME     | RESULT | Q    | RL  | MDL |
|----------|-------------------|--------|------|-----|-----|
| 127-18-4 | Tetrachloroethene | 140    | H cn | 5.0 | 2.0 |

| CAS NO.    | SURROGATE                    | %REC | Q  | LIMITS |
|------------|------------------------------|------|----|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 96   | cn | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 90   | cn | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 97   | cn | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 99   | cn | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X14.D  
 Lims ID: 410-243359-B-8 DL  
 Client ID: HD-COD-SW-17-0/1-0  
 Sample Type: Client  
 Inject. Date: 07-Oct-2025 13:31:30 ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 25.000 mL Dil. Factor: 10.0000  
 Sample Info: 410-0162228-015  
 Operator ID: ecr105096 Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 07-Oct-2025 15:17:15 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 15:16:22

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  |           | 2.001         |               |    |          | ND             | 7     |
| 7 Vinyl chloride                   | 62  |           | 2.111         |               |    |          | ND             |       |
| 9 Bromomethane                     | 94  |           | 2.410         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  | 3.257     | 3.245         | 0.012         | 30 | 1484     | 0.0335         |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  |           | 3.525         |               |    |          | ND             | 7     |
| 27 Methylene Chloride              | 84  |           | 3.843         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.916     | 3.867         | 0.049         | 1  | 28684    | 50.0           | s     |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.227         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  | 4.891     | 4.879         | 0.012         | 93 | 14311    | 0.1507         | M     |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.793     | 5.726         | 0.067         | 78 | 10863    | 0.2031         |       |
| 47 Chlorobromomethane              | 128 |           | 6.062         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  |           | 6.220         |               |    |          | ND             | 7     |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.440         | 0.006         | 93 | 391723   | 9.66           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.452         |               |    |          | ND             | U     |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.903         | 0.000         | 45 | 70862    | 9.64           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.348         | 0.000         | 99 | 1747085  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.854     | 7.836         | 0.018         | 97 | 20949    | 0.3696         | M     |
| 70 1,2-Dichloropropane             | 63  |           | 8.165         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.274         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1757238  | 9.85           |       |
| 84 Toluene                         | 92  |           | 9.506         |               |    |          | ND             | 7     |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.786         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             | 7     |



| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 98 | 896111   | 13.7           |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.384        |               |    |          | ND             | 7     |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1281888  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.969        |               |    |          | ND             | 7     |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.061        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             |       |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             |       |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 94 | 579036   | 8.99           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 674914   | 10.0           |       |

### QC Flag Legend

#### Processing Flags

7 - Failed Limit of Detection

s - Failed ISTD Recovery Test

#### Review Flags

M - Manually Integrated

U - Marked Undetected

### Reagents:

MSV\_LLcentISS\_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 07-Oct-2025 15:17:30

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X14.D

Injection Date: 07-Oct-2025 13:31:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: 410-243359-B-8 DL

Lab Sample ID: 410-243359-8

Worklist Smp#: 15

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

Purge Vol: 25.000 mL

Dil. Factor: 10.0000

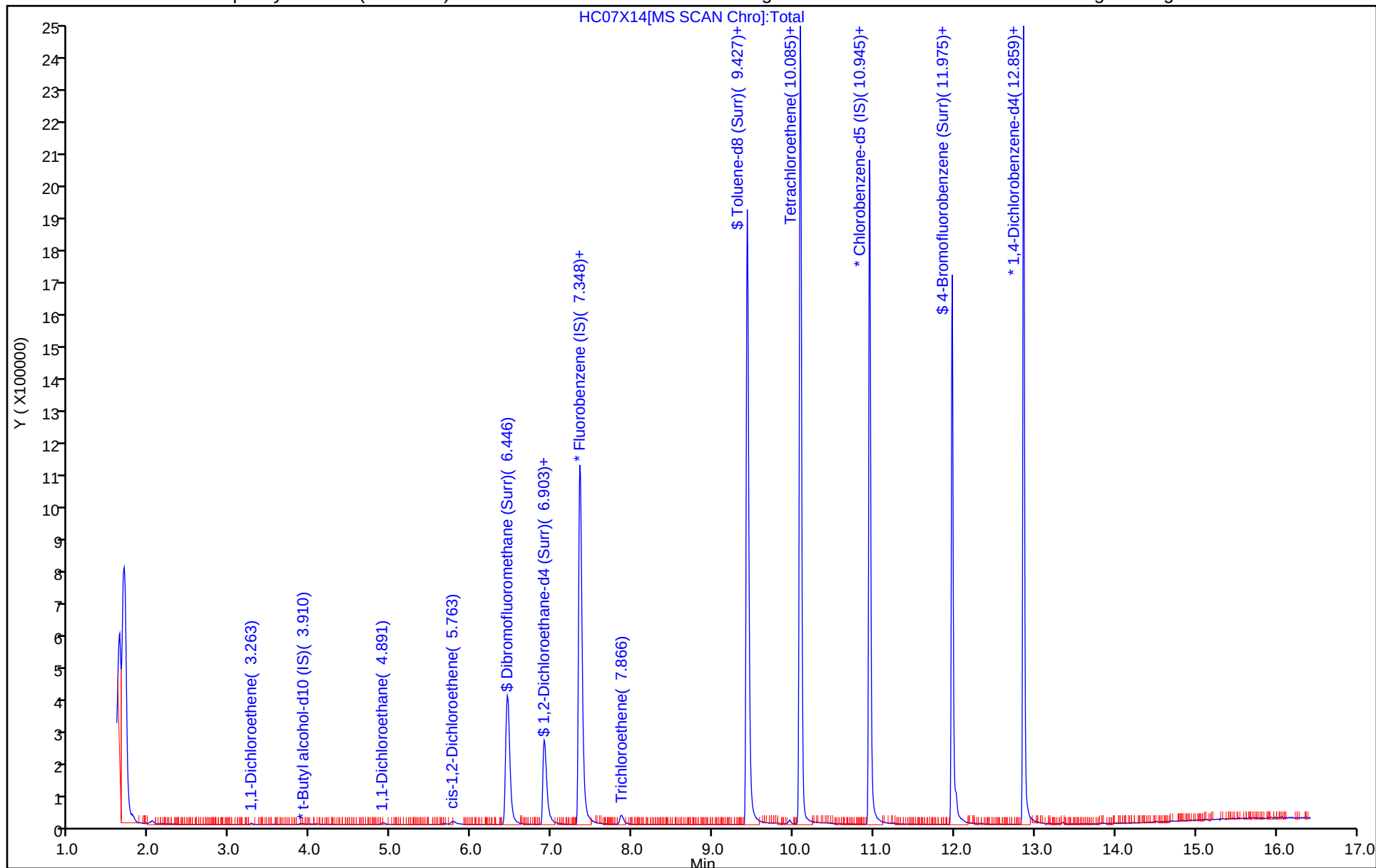
ALS Bottle#: 14

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X14.D  
Lims ID: 410-243359-B-8 DL  
Client ID: HD-COD-SW-17-0/1-0  
Sample Type: Client  
Inject. Date: 07-Oct-2025 13:31:30 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 10.0000  
Sample Info: 410-0162228-015  
Operator ID: ecr105096 Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 07-Oct-2025 15:17:15 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 15:16:22

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 9.66             | 96.60  |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 9.64             | 96.37  |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.85             | 98.54  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 8.99             | 89.92  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X14.D

Injection Date: 07-Oct-2025 13:31:30

Instrument ID: 19094

Lims ID: 410-243359-B-8 DL

Lab Sample ID: 410-243359-8

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

Operator ID: ecr105096

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

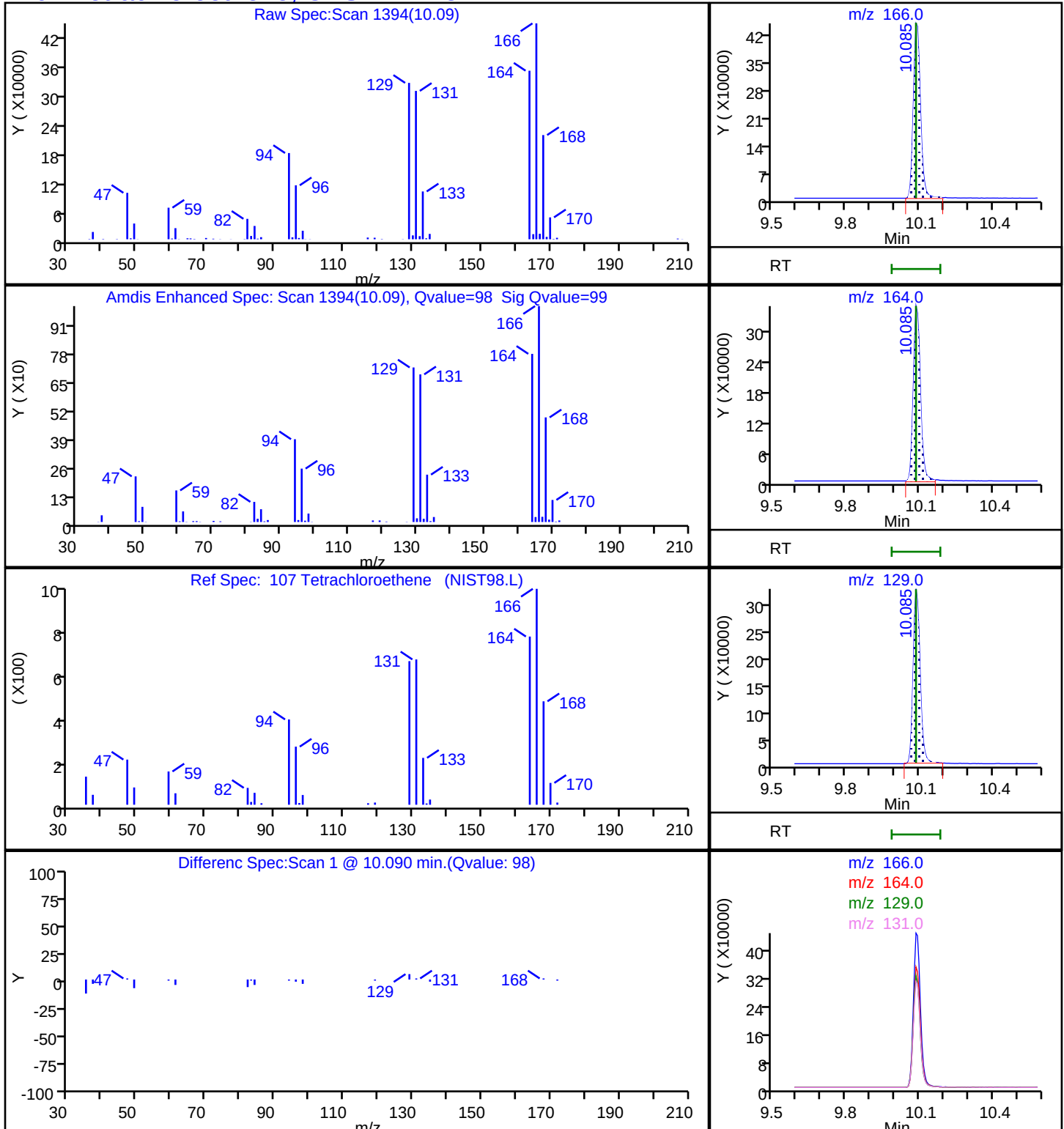
Dil. Factor: 10.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-9

Matrix: Water

Lab File ID: HC02X19.D

Analysis Method: 8260D

Date Collected: 09/22/2025 11:30

Sample wt/vol: 25 (mL)

Date Analyzed: 10/03/2025 00:44

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | ND     |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 0.11   | J | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 1.3    |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | ND     |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | ND     |   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 3.3    |   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-26-0/1-0      Lab Sample ID: 410-243359-9

Matrix: Water      Lab File ID: HC02X19.D

Analysis Method: 8260D      Date Collected: 09/22/2025 11:30

Sample wt/vol: 25 (mL)      Date Analyzed: 10/03/2025 00:44

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | ND     |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 0.17   | J | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 102  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 92   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 102  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 93   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X19.D  
 Lims ID: 410-243359-A-9  
 Client ID: HD-COD-SW-26-0/1-0  
 Sample Type: Client  
 Inject. Date: 03-Oct-2025 00:44:30 ALS Bottle#: 19 Worklist Smp#: 20  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-020  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:10:46 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:10:46

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  |           | 1.995         |               |    |          | ND             | 7     |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             |       |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  | 3.263     | 3.239         | 0.024         | 92 | 4565     | 0.1081         |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  |           | 3.519         |               |    |          | ND             | 7     |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.879     | 3.873         | 0.006         | 1  | 62018    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             | 7     |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.781     | 5.720         | 0.061         | 1  | 2532     | 0.0497         |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.232     | 6.214         | 0.018         | 93 | 107829   | 1.28           |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 94 | 392048   | 10.2           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.446         |               |    |          | ND             |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 1  | 71637    | 10.2           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1663651  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.860     | 7.836         | 0.024         | 94 | 8933     | 0.1655         | M     |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             | 7     |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1728374  | 9.32           |       |
| 84 Toluene                         | 92  | 9.530     | 9.506         | 0.024         | 94 | 6868     | 0.0478         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             | 7     |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.091    | 10.085        | 0.006         | 98 | 222612   | 3.28           |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1333342  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             | 7     |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 94 | 616047   | 9.20           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 95 | 711374   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent



Report Date: 03-Oct-2025 15:10:47

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X19.D

Injection Date: 03-Oct-2025 00:44:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-9

Lab Sample ID: 410-243359-9

Worklist Smp#: 20

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

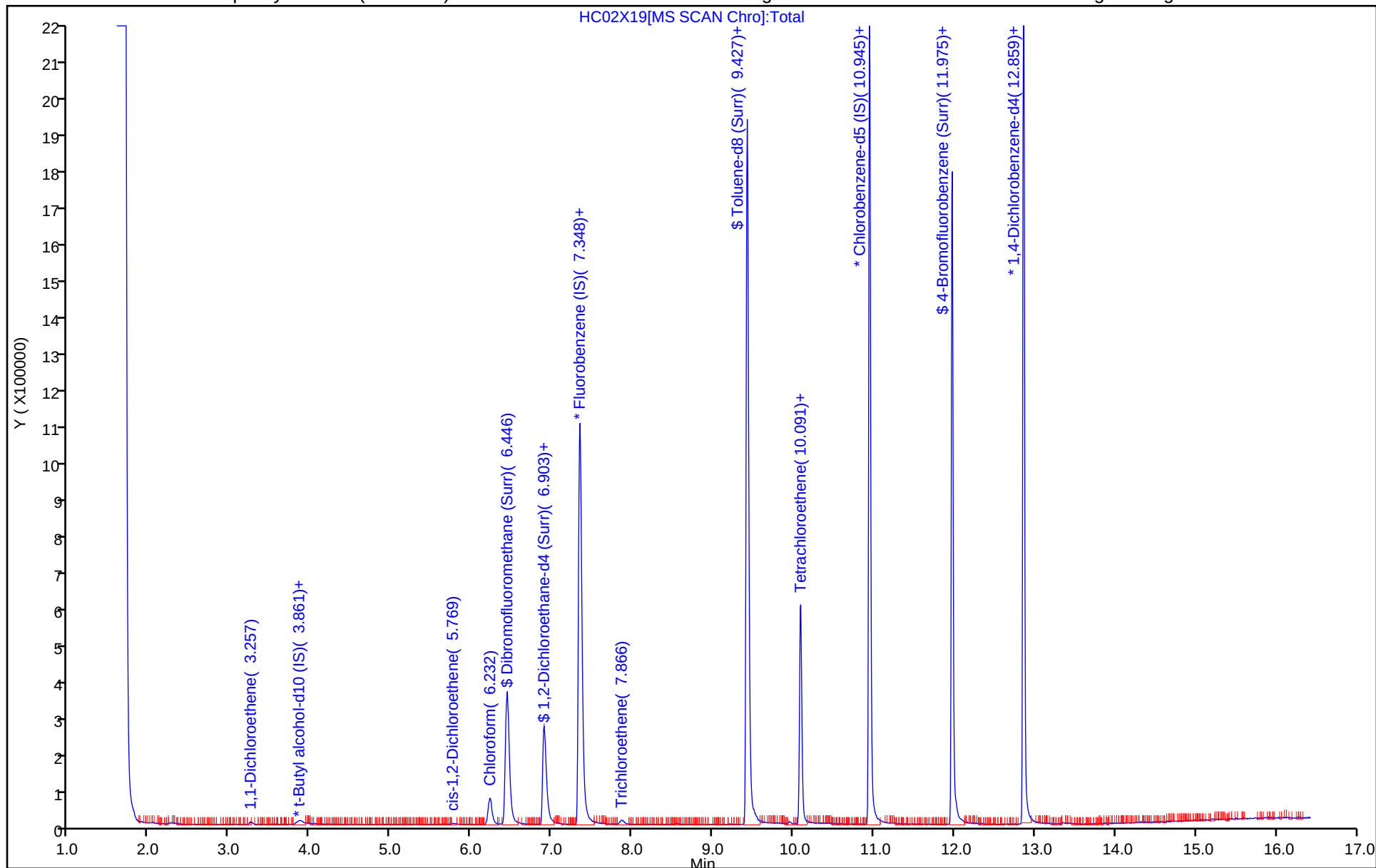
ALS Bottle#: 19

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X19.D  
Lims ID: 410-243359-A-9  
Client ID: HD-COD-SW-26-0/1-0  
Sample Type: Client  
Inject. Date: 03-Oct-2025 00:44:30 ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-020  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:10:46 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:10:46

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.2             | 101.53 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.2             | 102.31 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.32             | 93.18  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.20             | 91.97  |

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X19.D

Injection Date: 03-Oct-2025 00:44:30

Instrument ID: 19094

Lims ID: 410-243359-A-9

Lab Sample ID: 410-243359-9

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

Operator ID: hr3z

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 25.000 mL

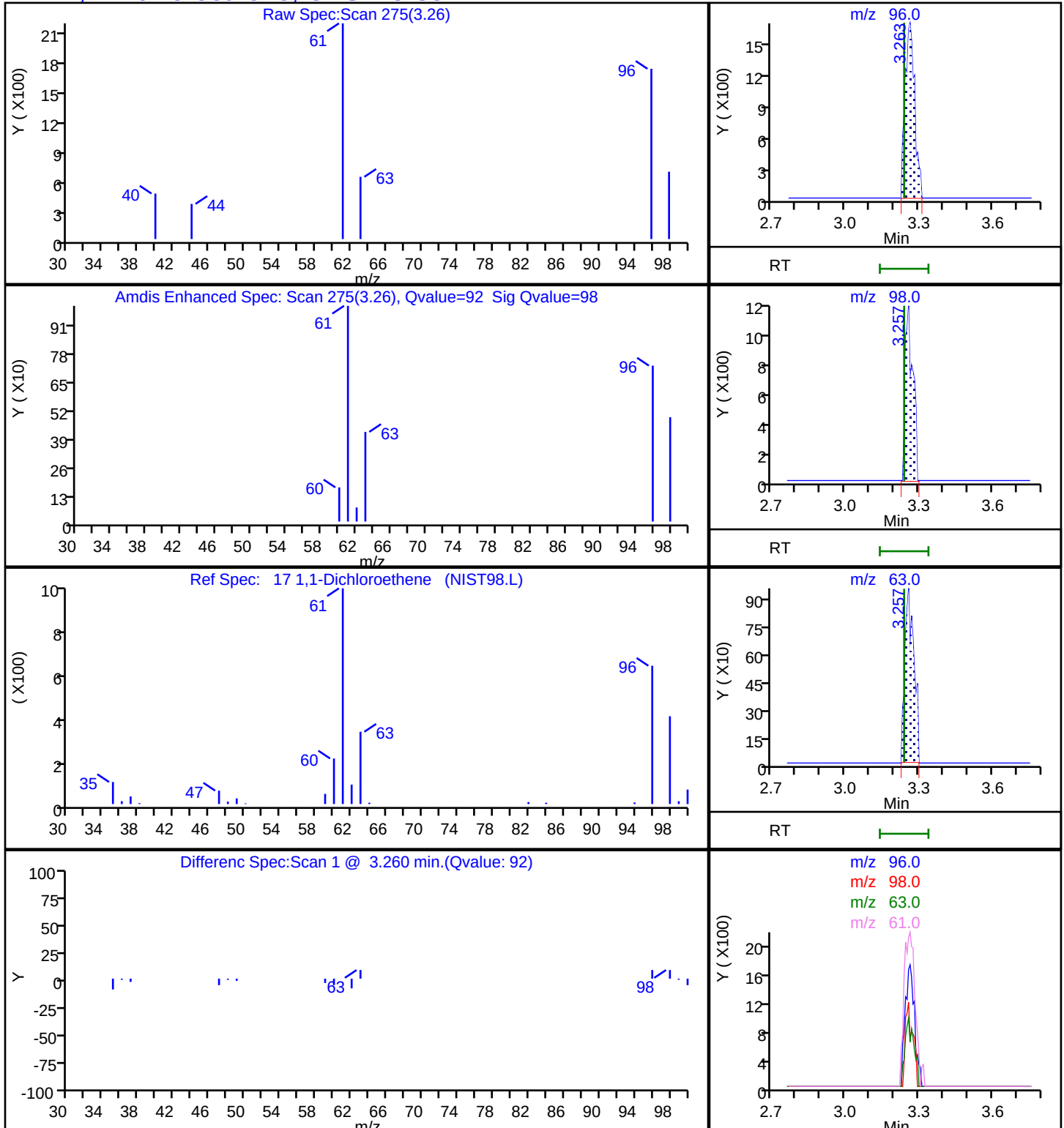
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X19.D

Injection Date: 03-Oct-2025 00:44:30

Instrument ID: 19094

Lims ID: 410-243359-A-9

Lab Sample ID: 410-243359-9

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

Operator ID: hr3z

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 25.000 mL

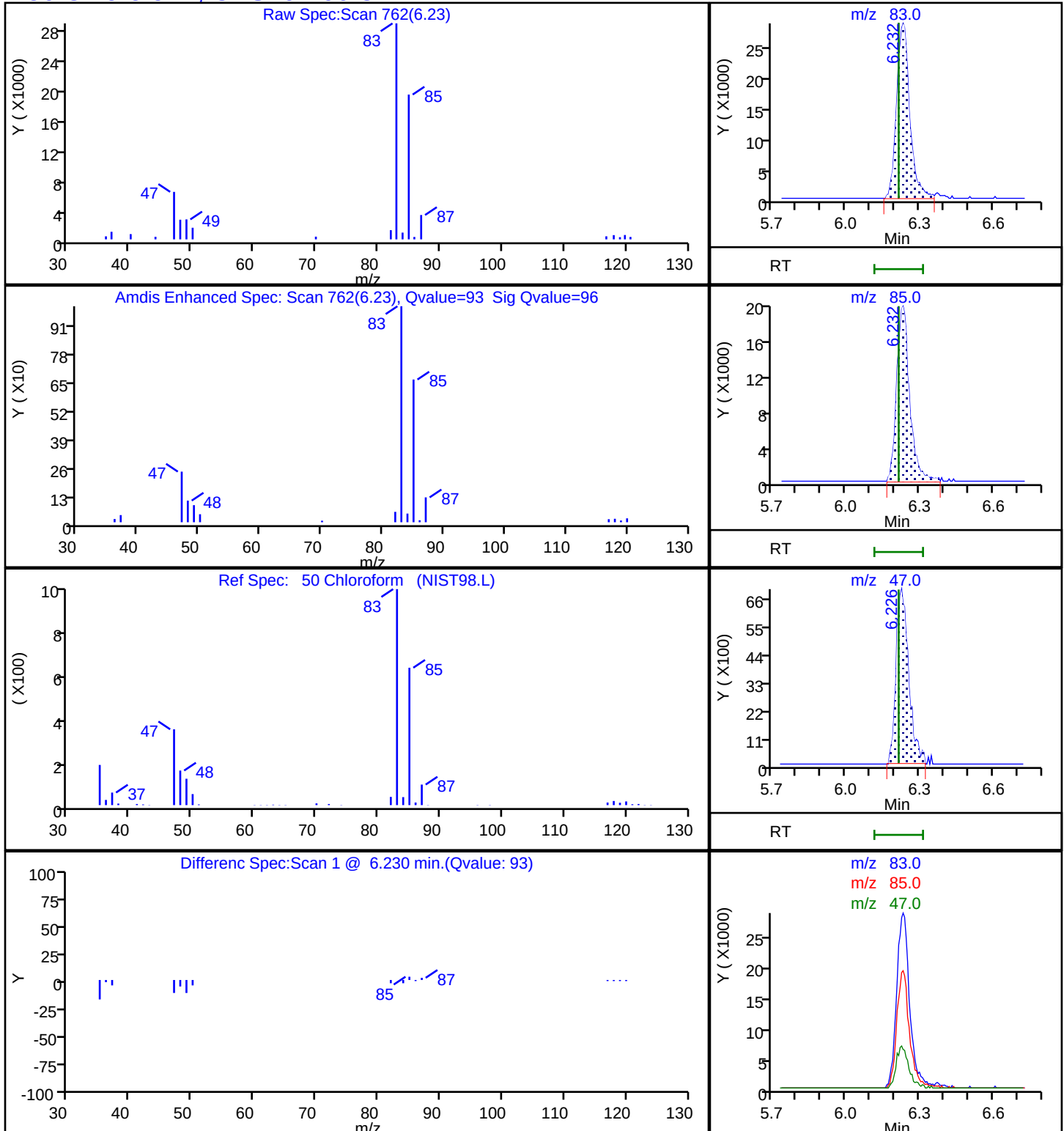
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**50 Chloroform, CAS: 67-66-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X19.D

Injection Date: 03-Oct-2025 00:44:30

Instrument ID: 19094

Lims ID: 410-243359-A-9

Lab Sample ID: 410-243359-9

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

Operator ID: hr3z

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 25.000 mL

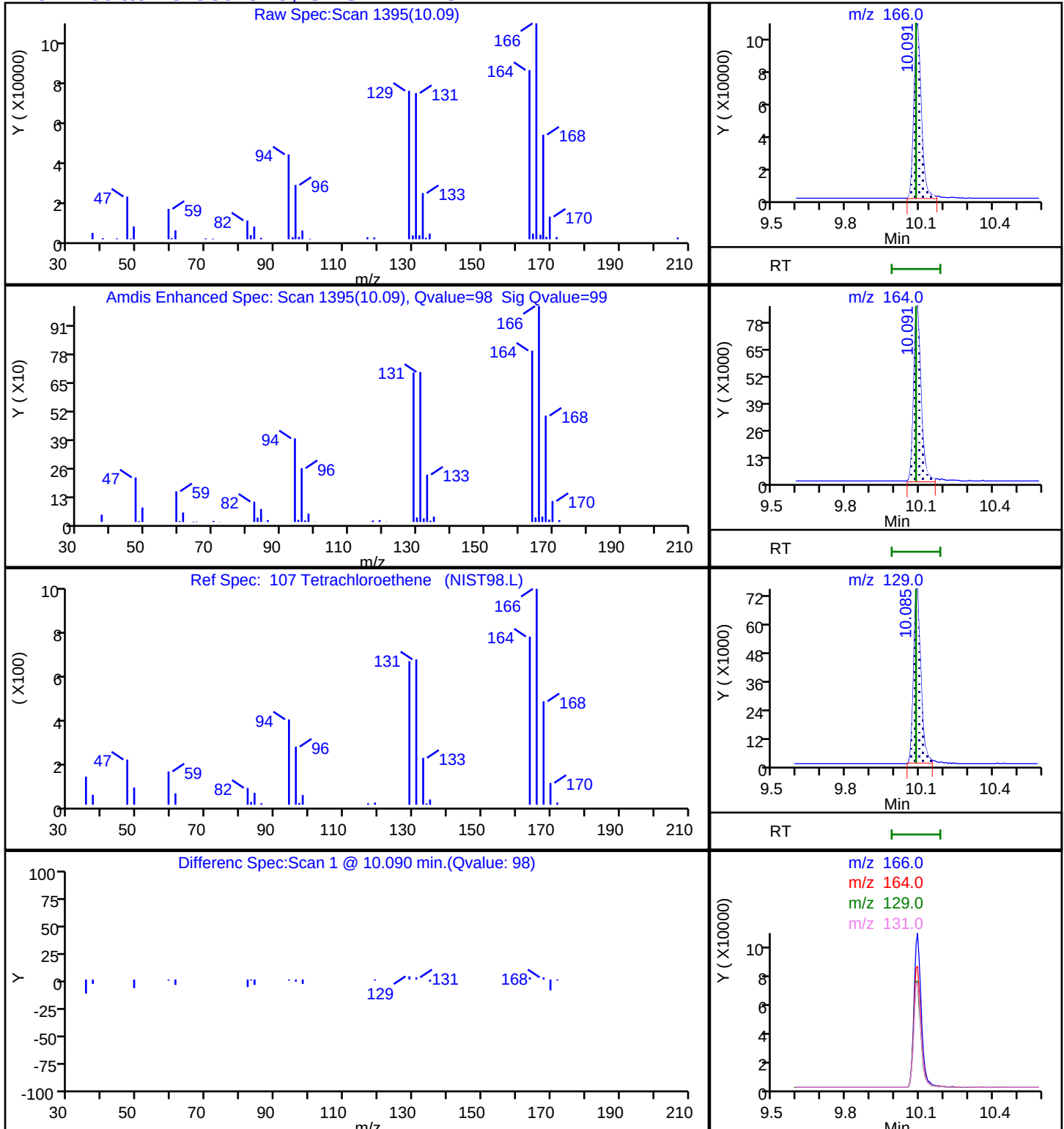
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X19.D

Injection Date: 03-Oct-2025 00:44:30

Instrument ID: 19094

Lims ID: 410-243359-A-9

Lab Sample ID: 410-243359-9

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

Operator ID: hr3z

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 25.000 mL

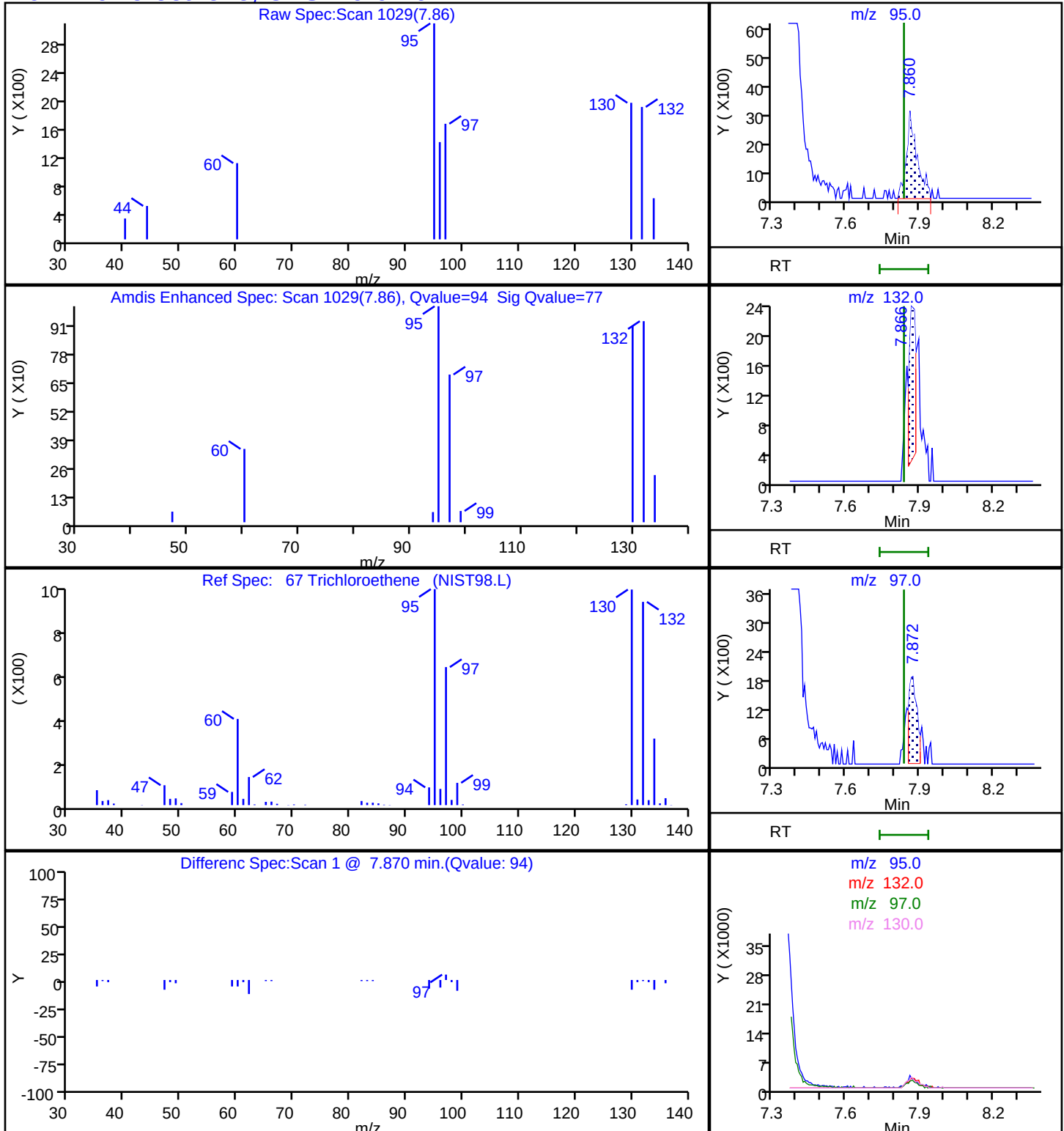
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

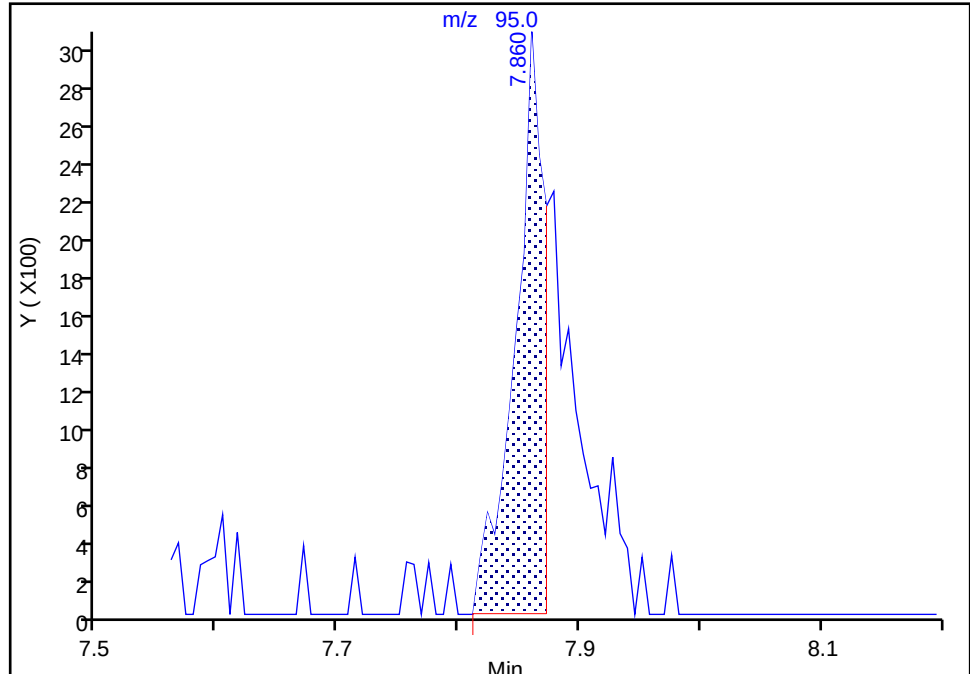
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X19.D  
Injection Date: 03-Oct-2025 00:44:30 Instrument ID: 19094  
Lims ID: 410-243359-A-9 Lab Sample ID: 410-243359-9  
Client ID: HD-COD-SW-26-0/1-0  
Operator ID: hr3z ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**67 Trichloroethene, CAS: 79-01-6**

Signal: 1

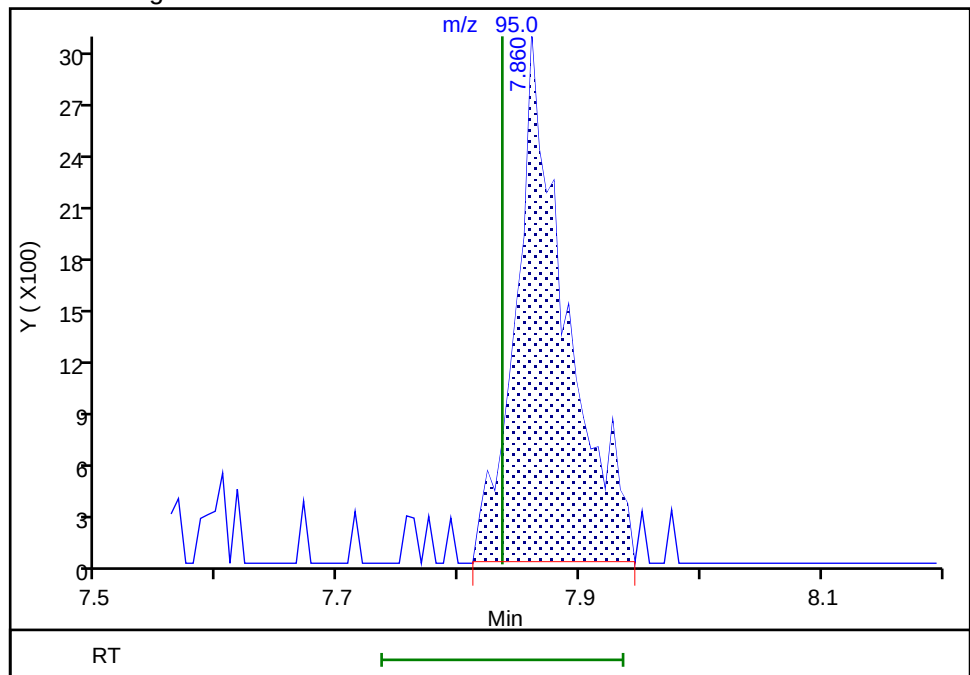
RT: 7.86  
Area: 5169  
Amount: 0.095762  
Amount Units: ug/l

## Processing Integration Results



RT: 7.86  
Area: 8933  
Amount: 0.165495  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:10:25 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-10

Matrix: Water

Lab File ID: HC02X20.D

Analysis Method: 8260D

Date Collected: 09/22/2025 12:04

Sample wt/vol: 25 (mL)

Date Analyzed: 10/03/2025 01:05

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | ND     |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | ND     |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | 0.092  | J | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 0.65   |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | ND     |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 0.13   | J | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 0.39   | J | 0.50 | 0.20  |



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

|                                                                       |                                         |
|-----------------------------------------------------------------------|-----------------------------------------|
| Lab Name: Eurofins Lancaster Laboratories<br>Environment Testing, LLC | Job No.: 410-243359-1                   |
| SDG No.:                                                              |                                         |
| Client Sample ID: HD-COD-SW-27-0/1-0                                  | Lab Sample ID: 410-243359-10            |
| Matrix: Water                                                         | Lab File ID: HC02X20.D                  |
| Analysis Method: 8260D                                                | Date Collected: 09/22/2025 12:04        |
| Sample wt/vol: 25 (mL)                                                | Date Analyzed: 10/03/2025 01:05         |
| Soil Aliquot Vol:                                                     | Dilution Factor: 1                      |
| Soil Extract Vol.:                                                    | GC Column: R-624SilMS 30m ID: 0.25 (mm) |
| Purge Volume: 25.0 (mL)                                               | Heated Purge: (Y/N) N pH:               |
| % Moisture: % Solids:                                                 | Level: (low/med) Low                    |
| Analysis Batch No.: 708376                                            | Units: ug/L                             |
| Preparation Batch No.:                                                | Instrument ID: 19094                    |

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | ND     |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 0.16   | J | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 95   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 101  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 95   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X20.D  
 Lims ID: 410-243359-A-10  
 Client ID: HD-COD-SW-27-0/1-0  
 Sample Type: Client  
 Inject. Date: 03-Oct-2025 01:05:30 ALS Bottle#: 20 Worklist Smp#: 21  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-021  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:11:58 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:11:58

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 2.007     | 1.995         | 0.012         | 95 | 4367     | 0.0622         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             |       |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  | 3.550     | 3.519         | 0.031         | 97 | 6891     | 0.0540         |       |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.885     | 3.873         | 0.012         | 1  | 55640    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.781     | 5.720         | 0.061         | 71 | 6405     | 0.1277         |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.226     | 6.214         | 0.012         | 92 | 53893    | 0.6516         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.452     | 6.434         | 0.018         | 94 | 383618   | 10.1           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.446         |               |    |          | ND             | 7     |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.909     | 6.897         | 0.012         | 1  | 68949    | 10.0           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1638080  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.860     | 7.836         | 0.024         | 94 | 8673     | 0.1632         |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  | 8.549     | 8.525         | 0.024         | 84 | 4998     | 0.0918         | M     |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1699606  | 9.48           |       |
| 84 Toluene                         | 92  | 9.524     | 9.506         | 0.018         | 42 | 4407     | 0.0317         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.091    | 10.085        | 0.006         | 98 | 25792    | 0.3928         |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85 | 1289301  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             |       |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 93 | 612619   | 9.46           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 95 | 681916   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:11:58

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X20.D

Injection Date: 03-Oct-2025 01:05:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-10

Lab Sample ID: 410-243359-10

Worklist Smp#: 21

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

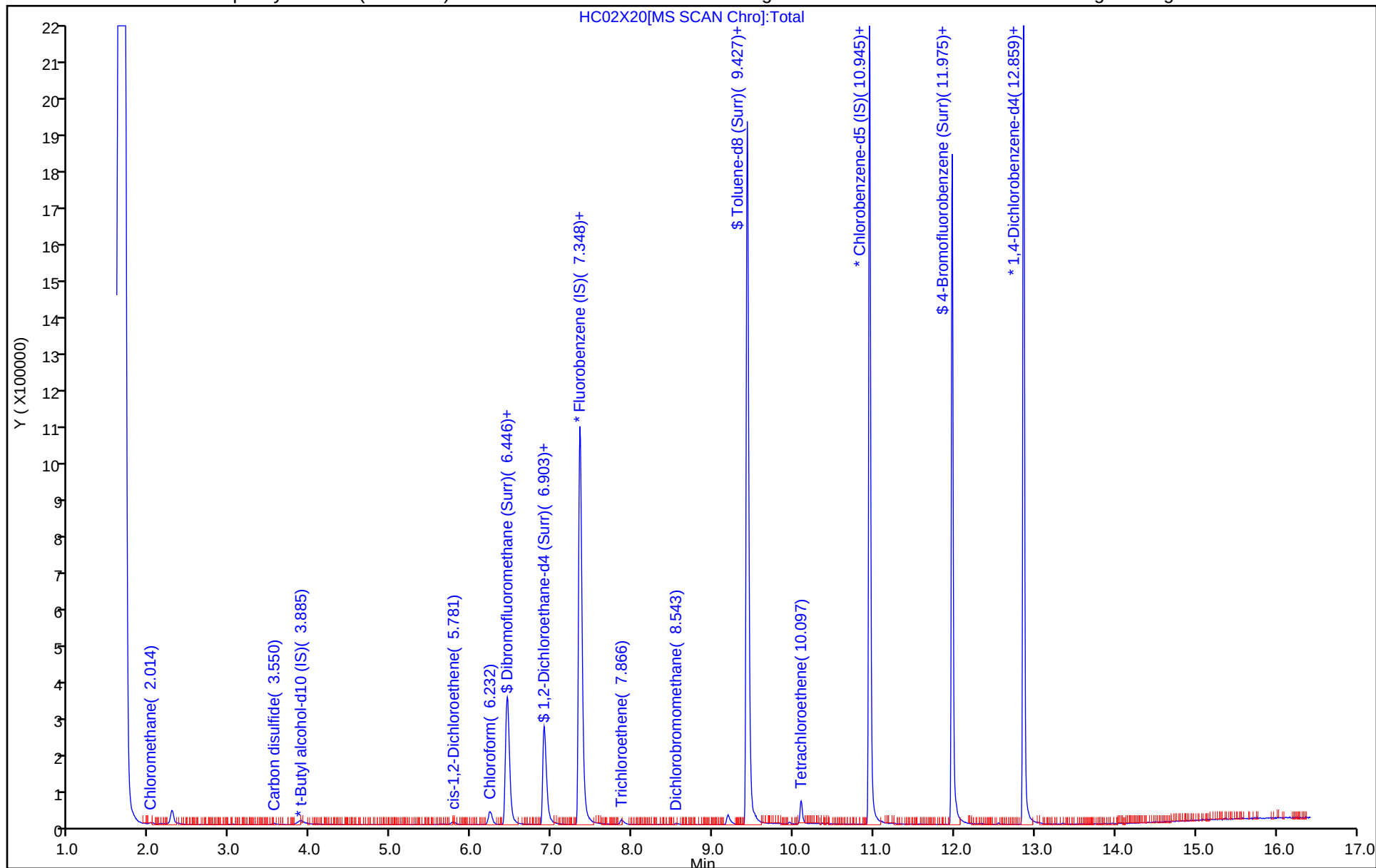
ALS Bottle#: 20

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X20.D  
Lims ID: 410-243359-A-10  
Client ID: HD-COD-SW-27-0/1-0  
Sample Type: Client  
Inject. Date: 03-Oct-2025 01:05:30 ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-021  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:11:58 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:11:58

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.1             | 100.90 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.0             | 100.01 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.48             | 94.76  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.46             | 94.58  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X20.D

Injection Date: 03-Oct-2025 01:05:30

Instrument ID: 19094

Lims ID: 410-243359-A-10

Lab Sample ID: 410-243359-10

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

Operator ID: hr3z

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

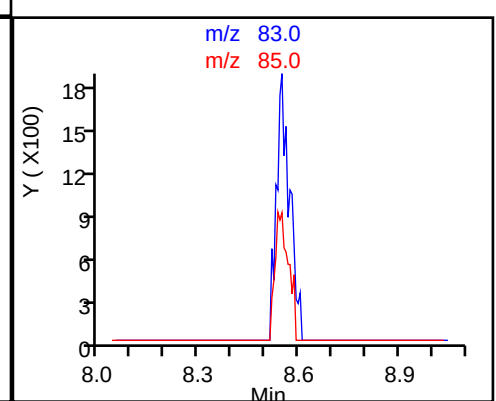
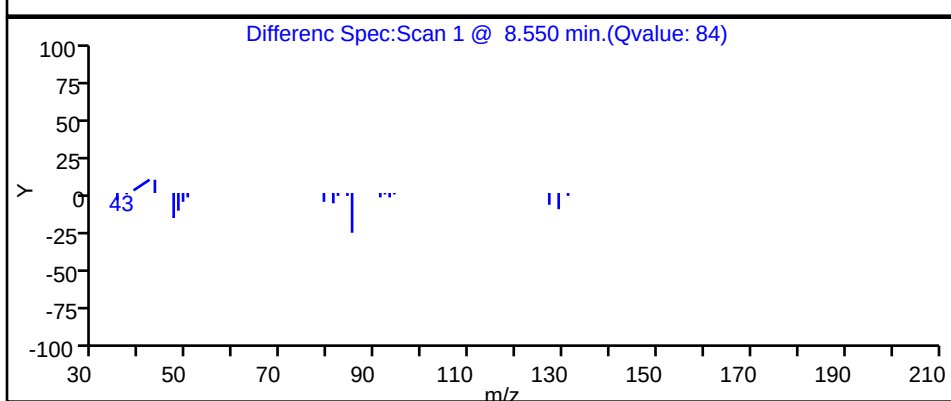
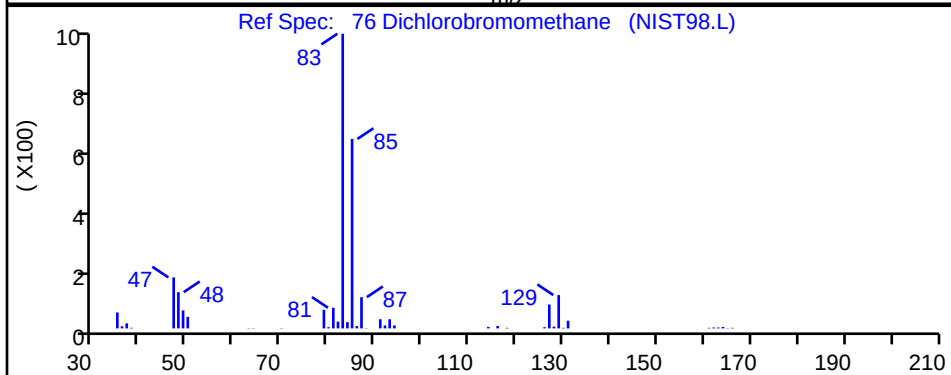
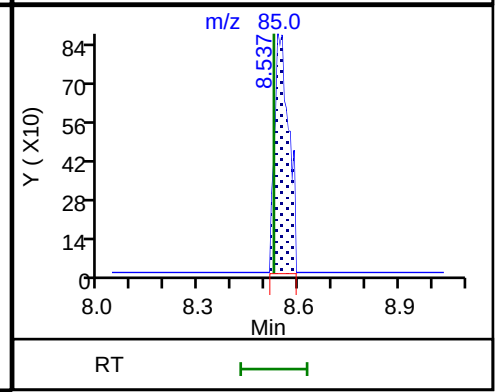
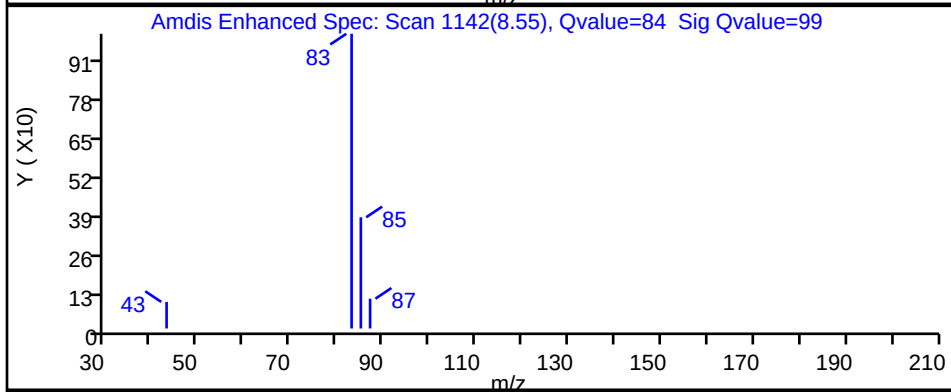
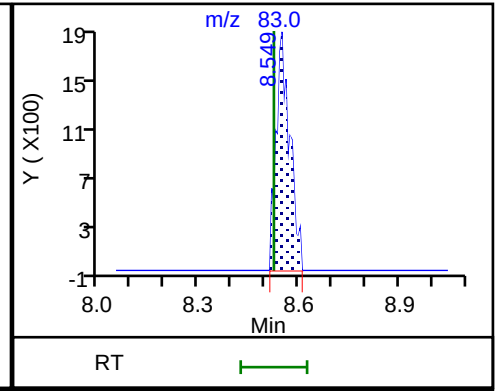
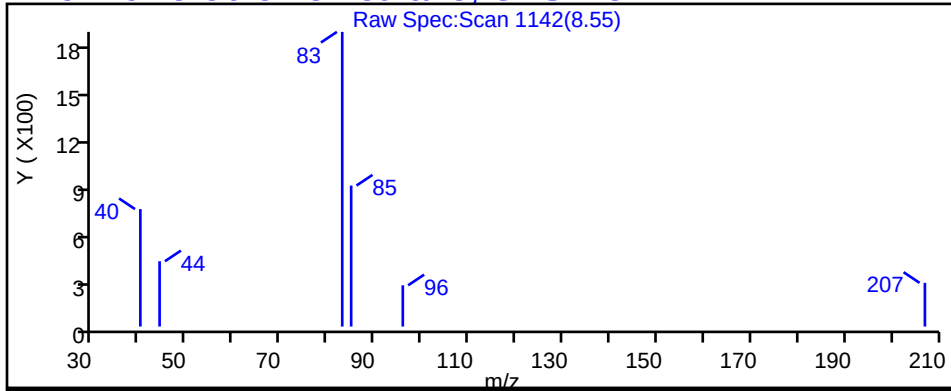
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**76 Dichlorobromomethane, CAS: 75-27-4**

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X20.D

Injection Date: 03-Oct-2025 01:05:30

Instrument ID: 19094

Lims ID: 410-243359-A-10

Lab Sample ID: 410-243359-10

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

Operator ID: hr3z

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

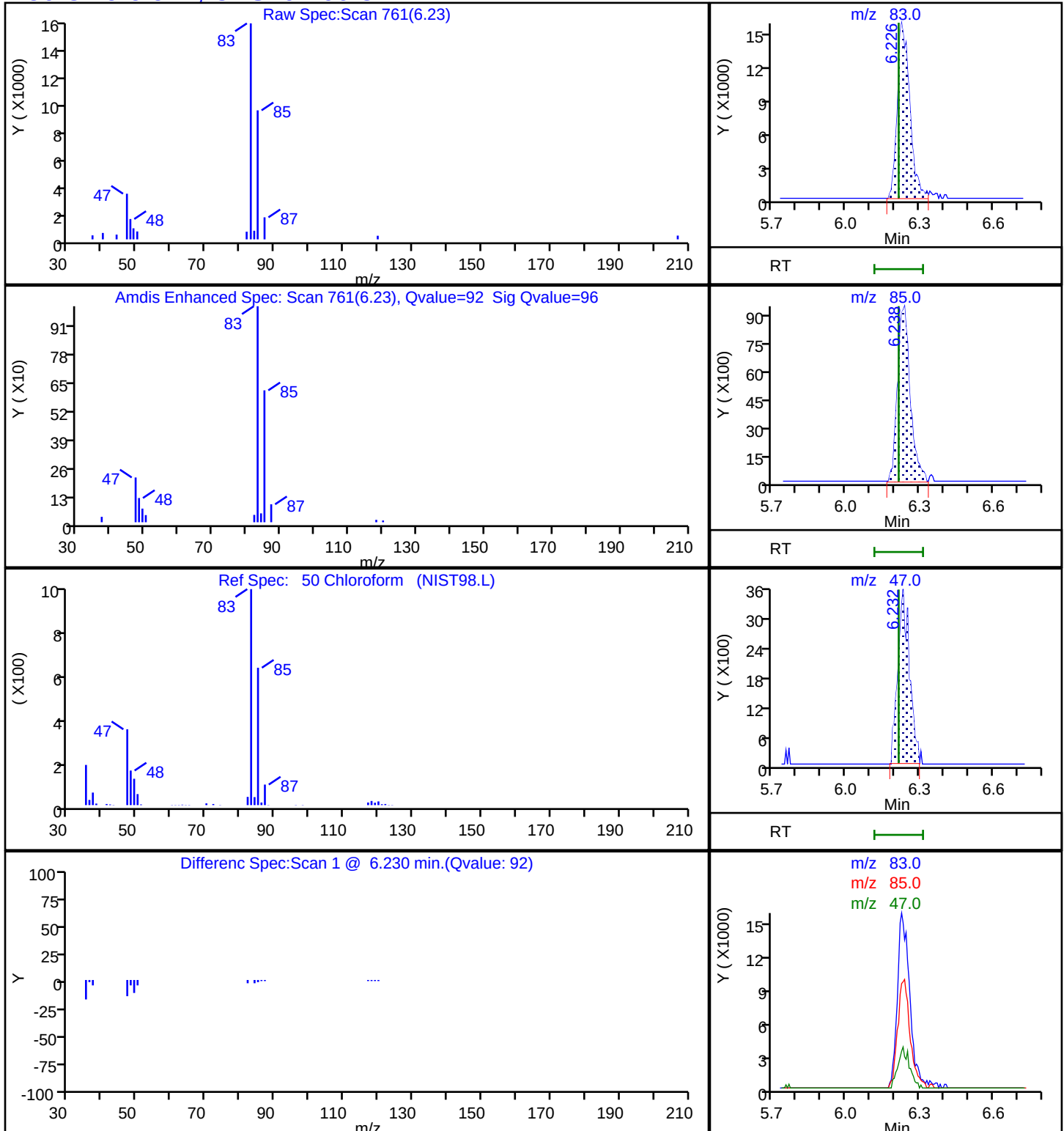
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**50 Chloroform, CAS: 67-66-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X20.D

Injection Date: 03-Oct-2025 01:05:30

Instrument ID: 19094

Lims ID: 410-243359-A-10

Lab Sample ID: 410-243359-10

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

Operator ID: hr3z

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

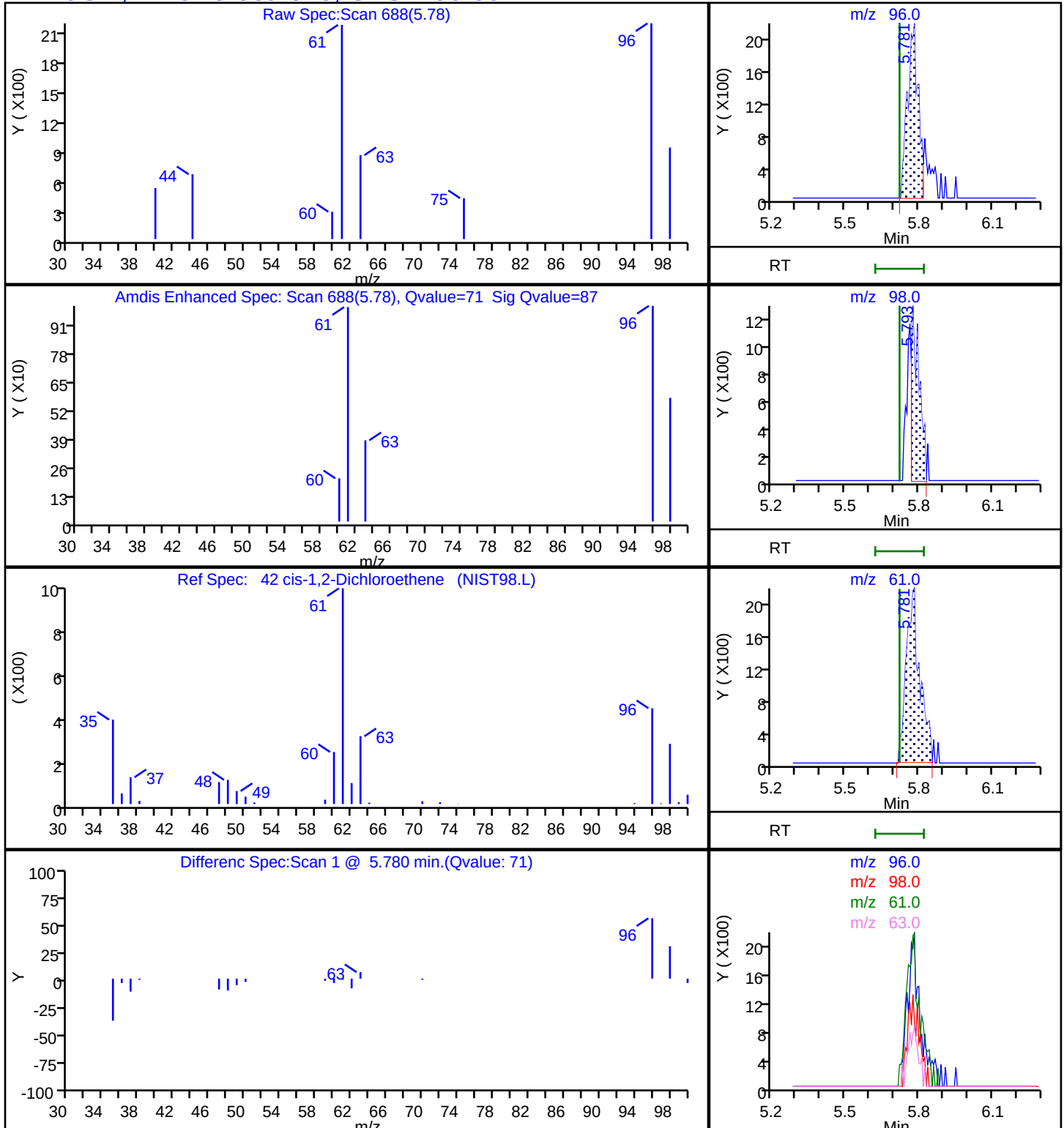
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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



Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X20.D

Injection Date: 03-Oct-2025 01:05:30

Instrument ID: 19094

Lims ID: 410-243359-A-10

Lab Sample ID: 410-243359-10

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

Operator ID: hr3z

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

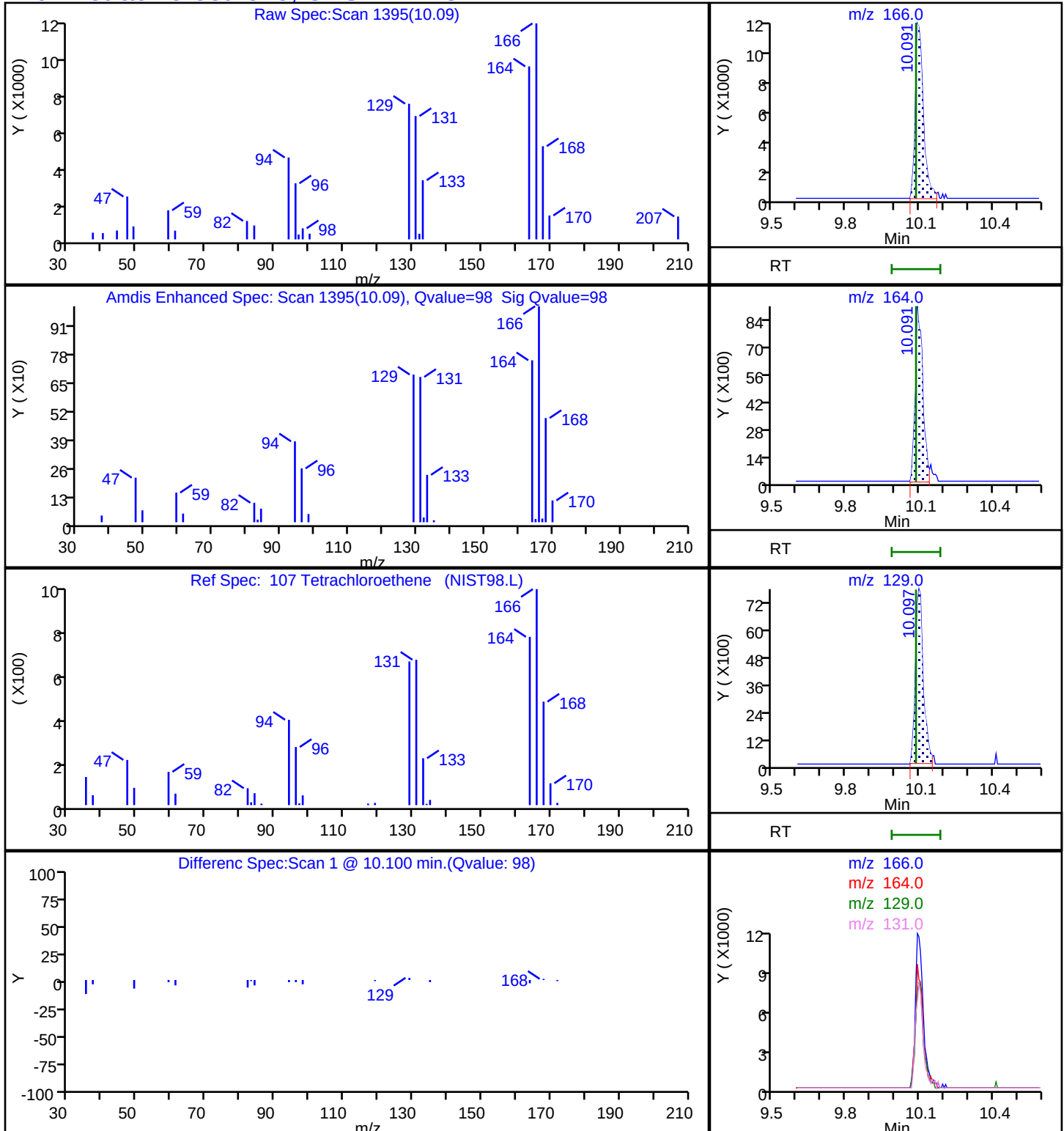
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X20.D

Injection Date: 03-Oct-2025 01:05:30

Instrument ID: 19094

Lims ID: 410-243359-A-10

Lab Sample ID: 410-243359-10

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

Operator ID: hr3z

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

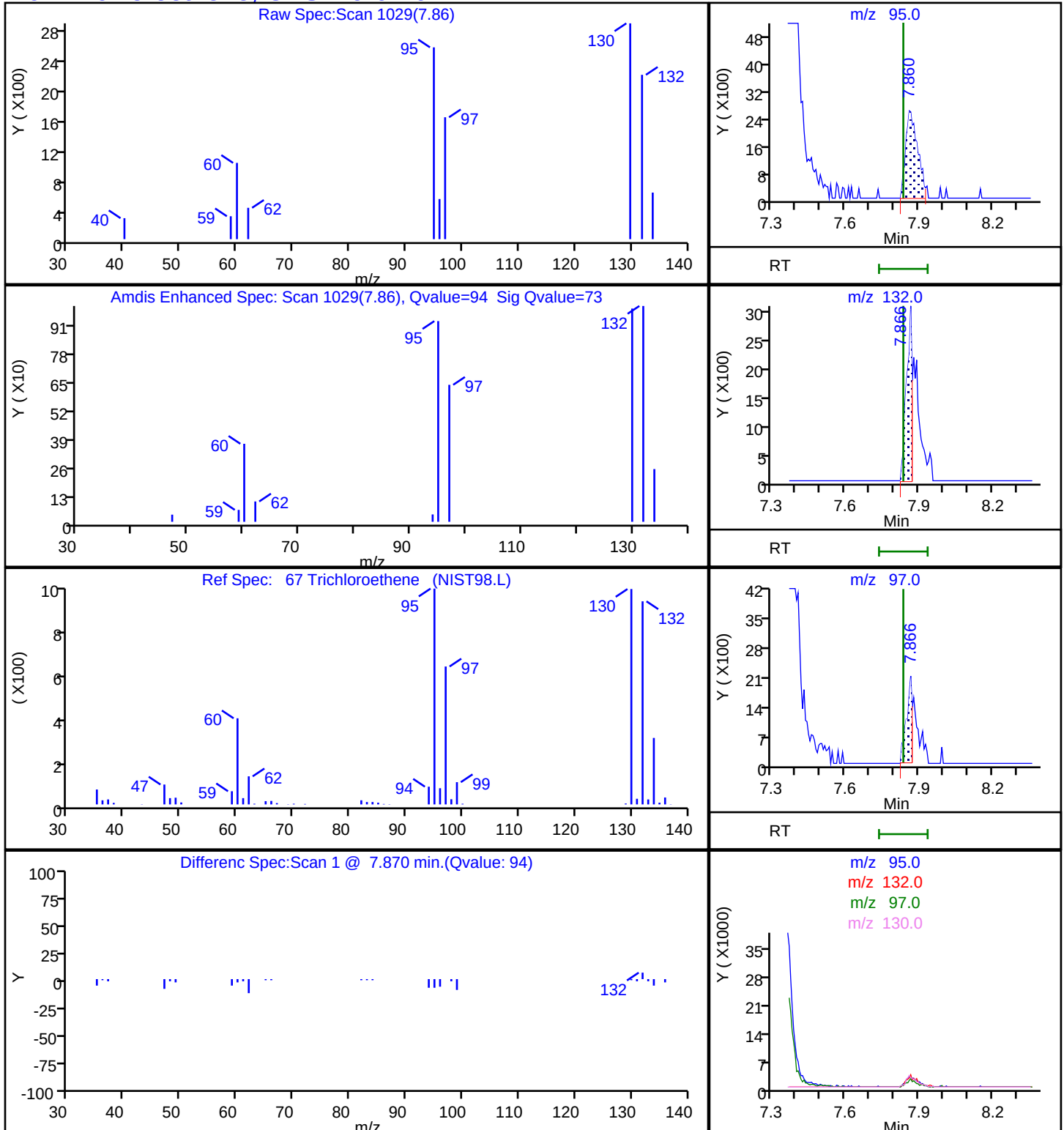
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

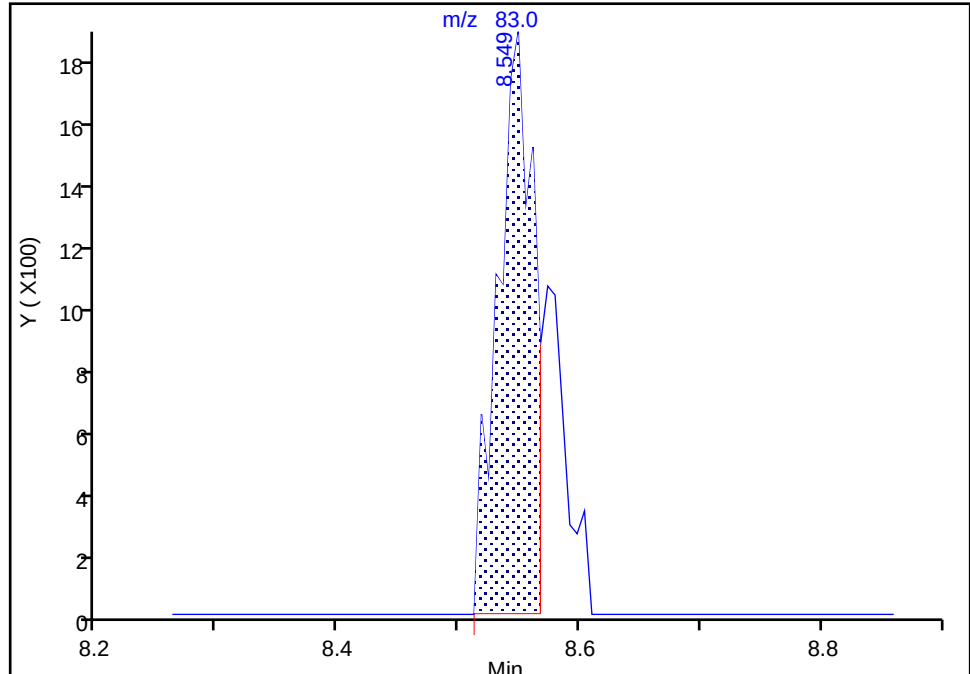
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X20.D  
Injection Date: 03-Oct-2025 01:05:30 Instrument ID: 19094  
Lims ID: 410-243359-A-10 Lab Sample ID: 410-243359-10  
Client ID: HD-COD-SW-27-0/1-0  
Operator ID: hr3z ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**76 Dichlorobromomethane, CAS: 75-27-4**

Signal: 1

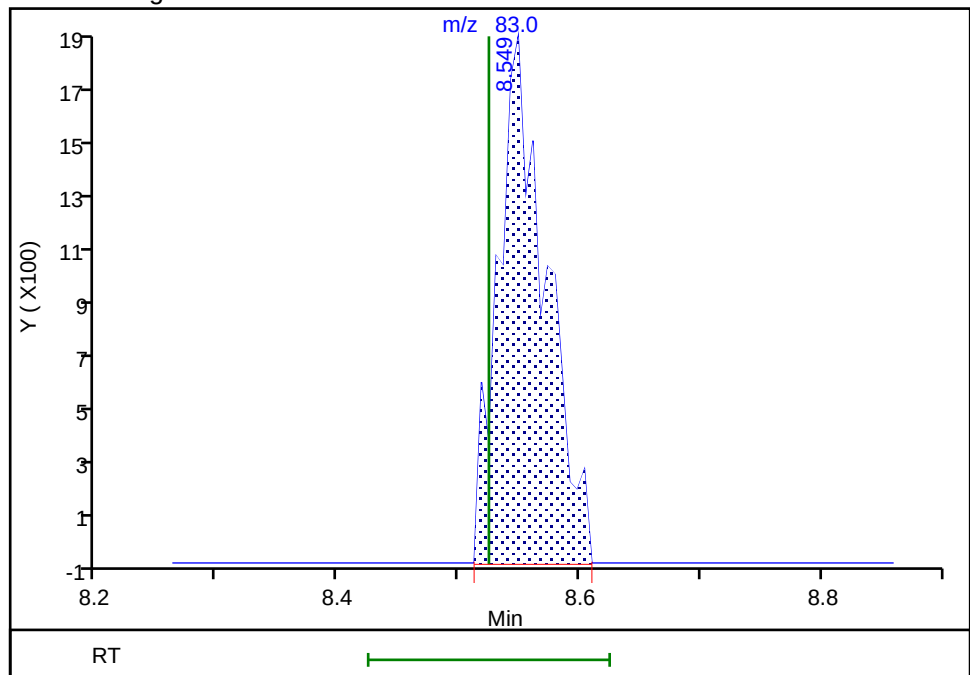
RT: 8.55  
Area: 3710  
Amount: 0.068179  
Amount Units: ug/l

## Processing Integration Results



RT: 8.55  
Area: 4998  
Amount: 0.091848  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:11:41 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-11

Matrix: Water

Lab File ID: HC02X21.D

Analysis Method: 8260D

Date Collected: 09/22/2025 14:00

Sample wt/vol: 25 (mL)

Date Analyzed: 10/03/2025 01:25

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | ND     |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | ND     |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | ND     |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | ND     |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 0.14   | J | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | ND     |   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-28-0/1-0      Lab Sample ID: 410-243359-11

Matrix: Water      Lab File ID: HC02X21.D

Analysis Method: 8260D      Date Collected: 09/22/2025 14:00

Sample wt/vol: 25 (mL)      Date Analyzed: 10/03/2025 01:25

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | ND     |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 0.11   | J | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 95   |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 92   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 103  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 96   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X21.D  
 Lims ID: 410-243359-A-11  
 Client ID: HD-COD-SW-28-0/1-0  
 Sample Type: Client  
 Inject. Date: 03-Oct-2025 01:25:30 ALS Bottle#: 21 Worklist Smp#: 22  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-022  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:12:50 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:12:50

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 2.014     | 1.995         | 0.019         | 95 | 5137     | 0.0764         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             |       |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  |           | 3.519         |               |    |          | ND             | 7     |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.879     | 3.873         | 0.006         | 1  | 54360    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.757     | 5.720         | 0.037         | 76 | 6663     | 0.1388         | M     |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.251     | 6.214         | 0.036         | 89 | 6021     | 0.0760         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 93 | 376159   | 10.3           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.446         |               |    |          | ND             |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 1  | 62883    | 9.53           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1568599  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.866     | 7.836         | 0.030         | 90 | 5793     | 0.1138         | M     |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1666553  | 9.55           |       |
| 84 Toluene                         | 92  | 9.518     | 9.506         | 0.012         | 97 | 5417     | 0.0401         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.097    | 10.085        | 0.012         | 94 | 10702    | 0.1676         |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1253875  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             | 7     |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 94 | 579398   | 9.20           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 679852   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

M - Manually Integrated

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X21.D

Injection Date: 03-Oct-2025 01:25:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-11

Lab Sample ID: 410-243359-11

Worklist Smp#: 22

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

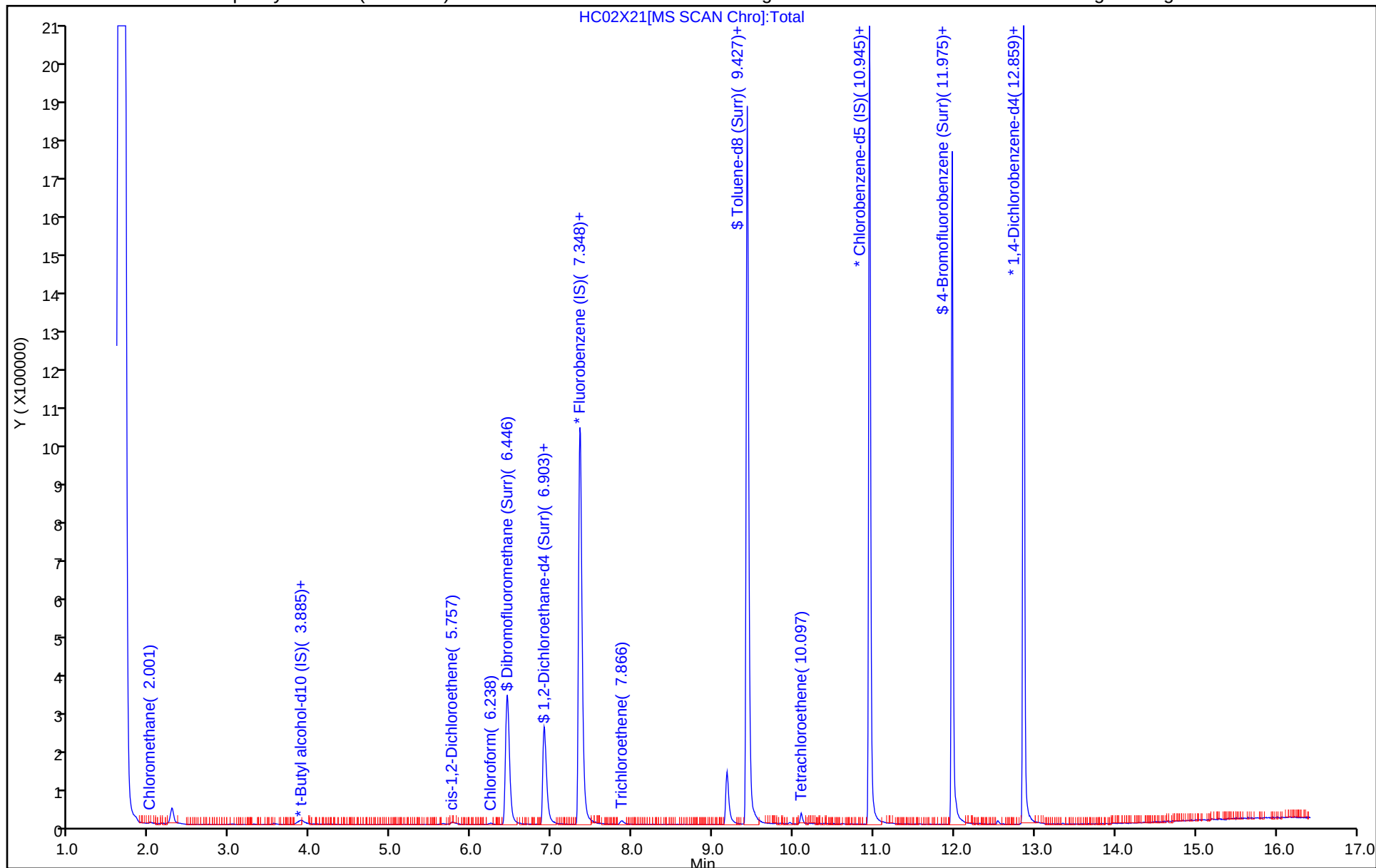
ALS Bottle#: 21

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2





Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X21.D  
Lims ID: 410-243359-A-11  
Client ID: HD-COD-SW-28-0/1-0  
Sample Type: Client  
Inject. Date: 03-Oct-2025 01:25:30 ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-022  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:12:50 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:12:50

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.3             | 103.32 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 9.53             | 95.25  |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.55             | 95.54  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.20             | 91.98  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X21.D

Injection Date: 03-Oct-2025 01:25:30

Instrument ID: 19094

Lims ID: 410-243359-A-11

Lab Sample ID: 410-243359-11

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

Operator ID: hr3z

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 25.000 mL

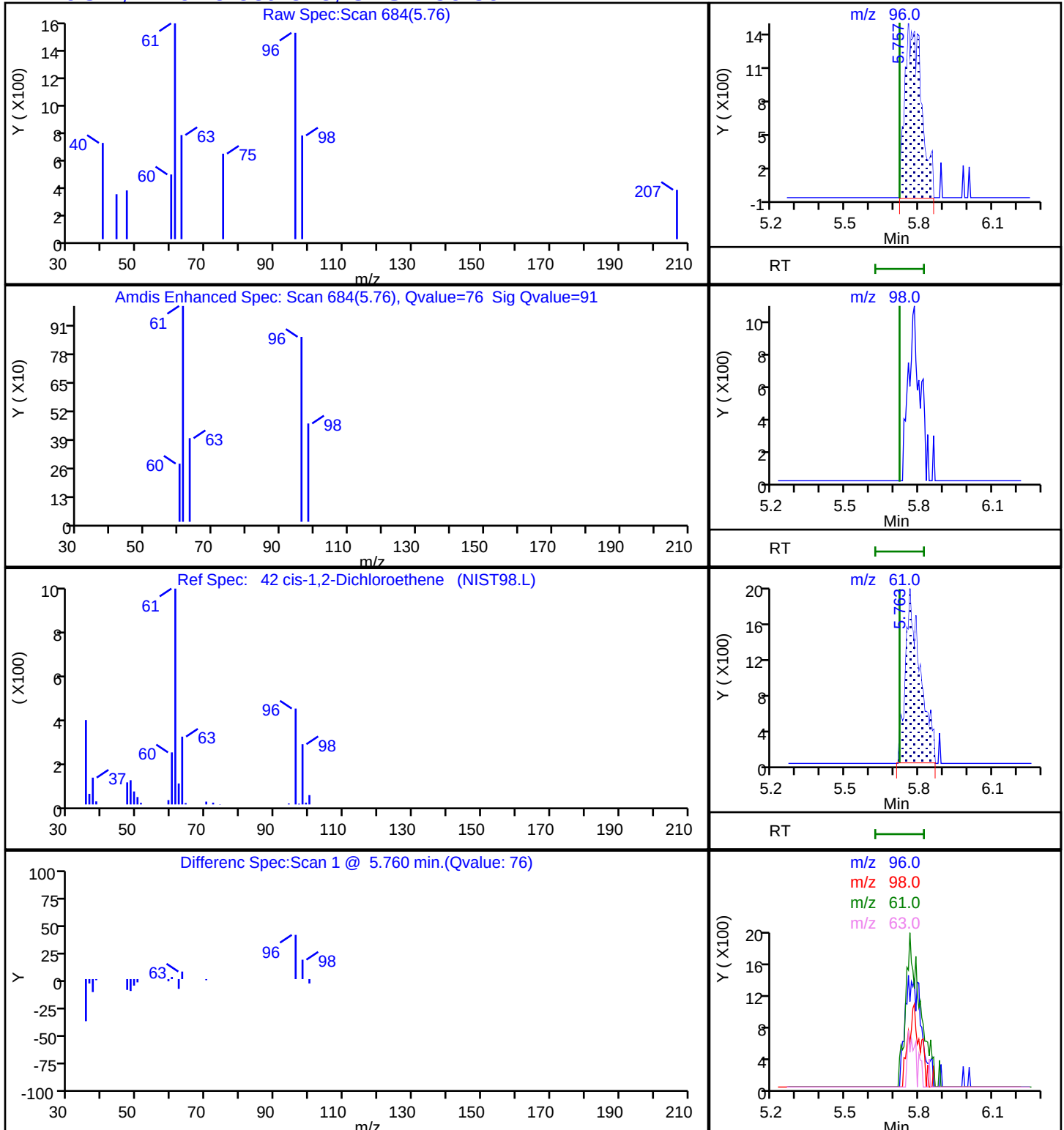
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X21.D

Injection Date: 03-Oct-2025 01:25:30

Instrument ID: 19094

Lims ID: 410-243359-A-11

Lab Sample ID: 410-243359-11

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

Operator ID: hr3z

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 25.000 mL

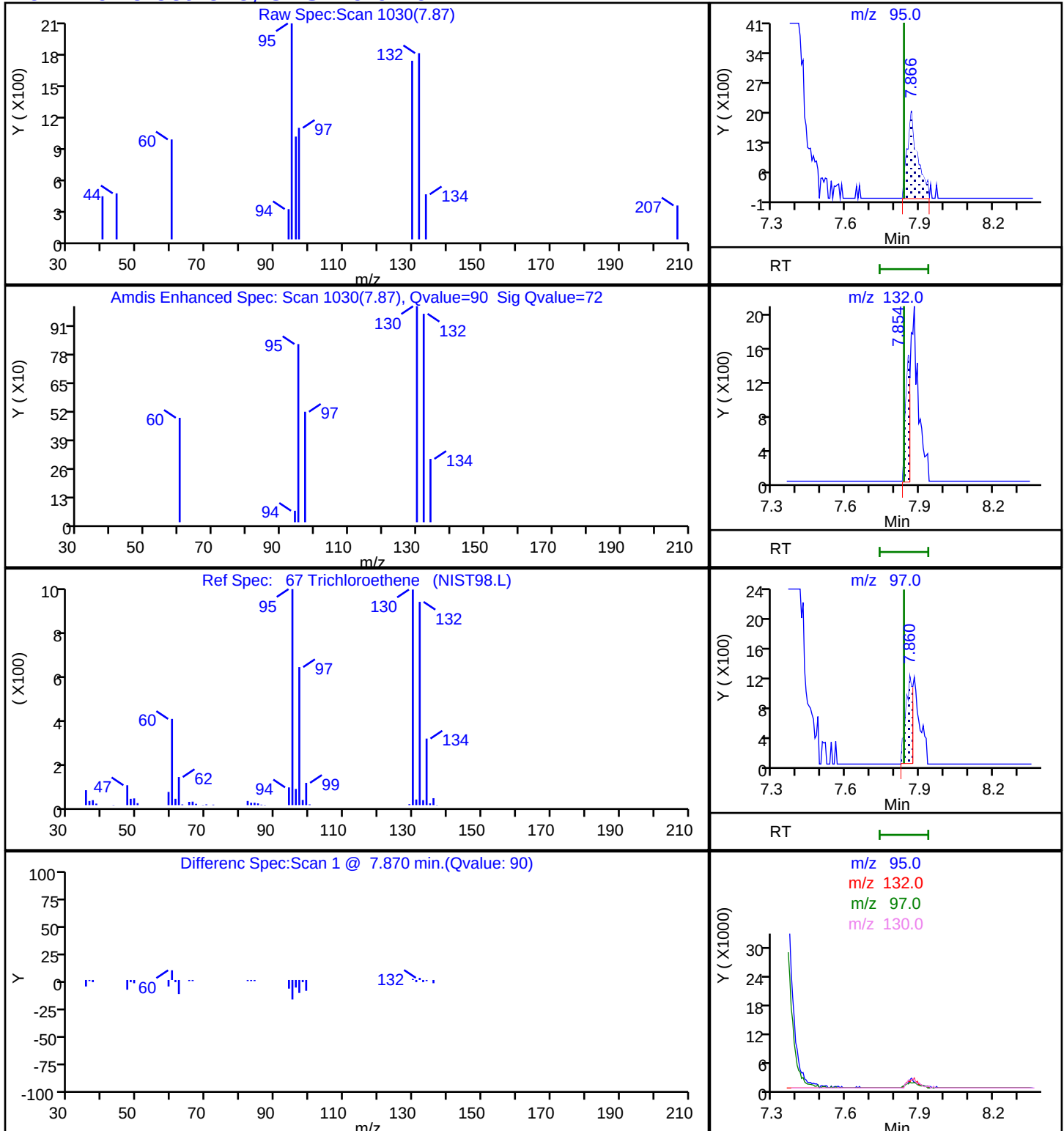
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

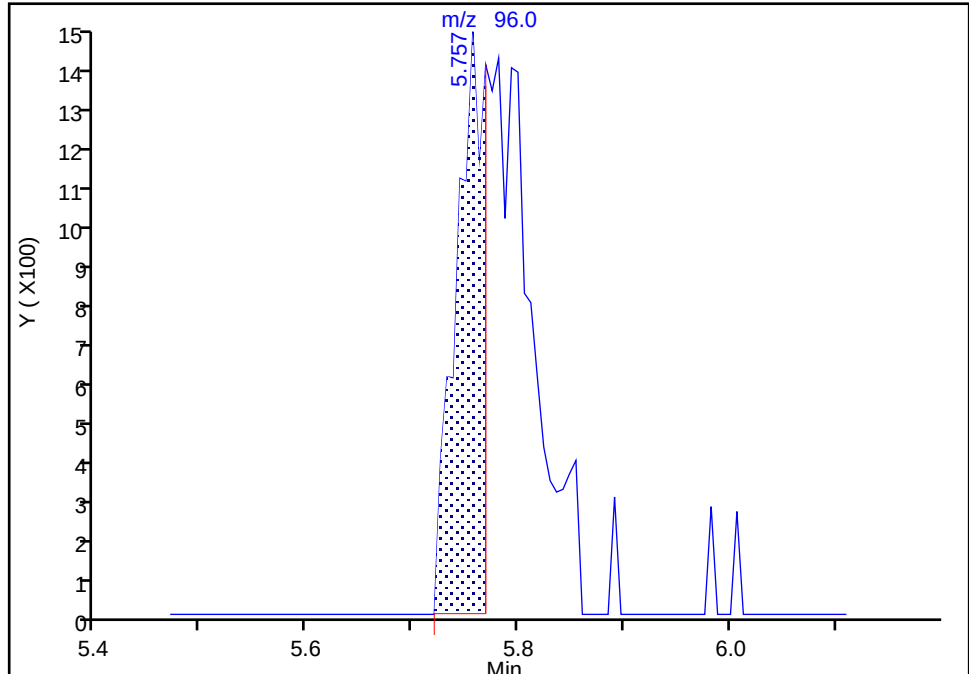
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X21.D  
Injection Date: 03-Oct-2025 01:25:30 Instrument ID: 19094  
Lims ID: 410-243359-A-11 Lab Sample ID: 410-243359-11  
Client ID: HD-COD-SW-28-0/1-0  
Operator ID: hr3z ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

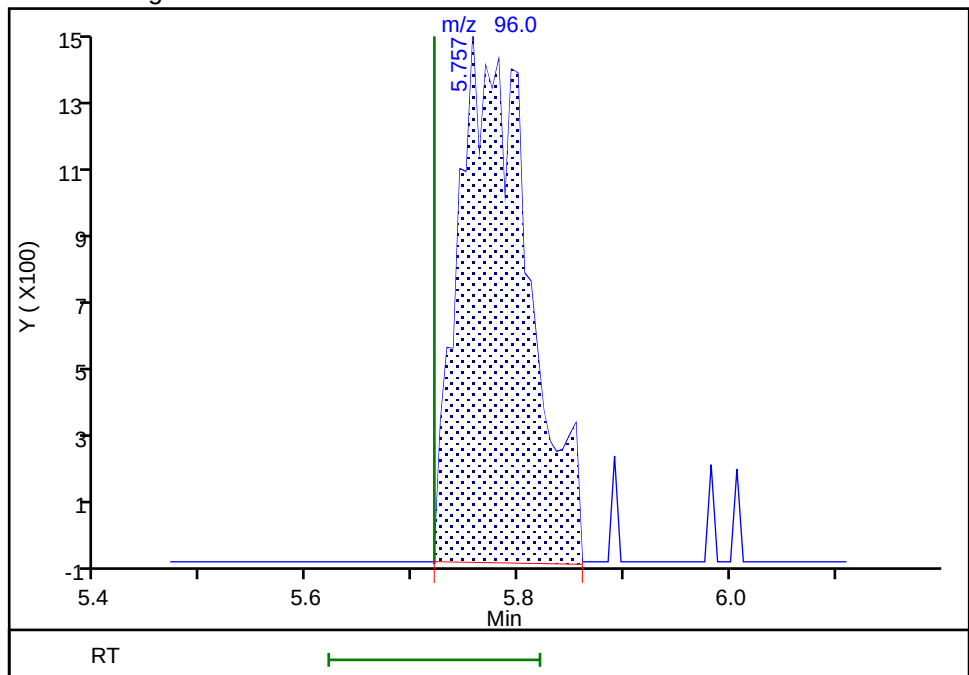
RT: 5.76  
Area: 2780  
Amount: 0.057902  
Amount Units: ug/l

## Processing Integration Results



RT: 5.76  
Area: 6663  
Amount: 0.138778  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:12:26 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

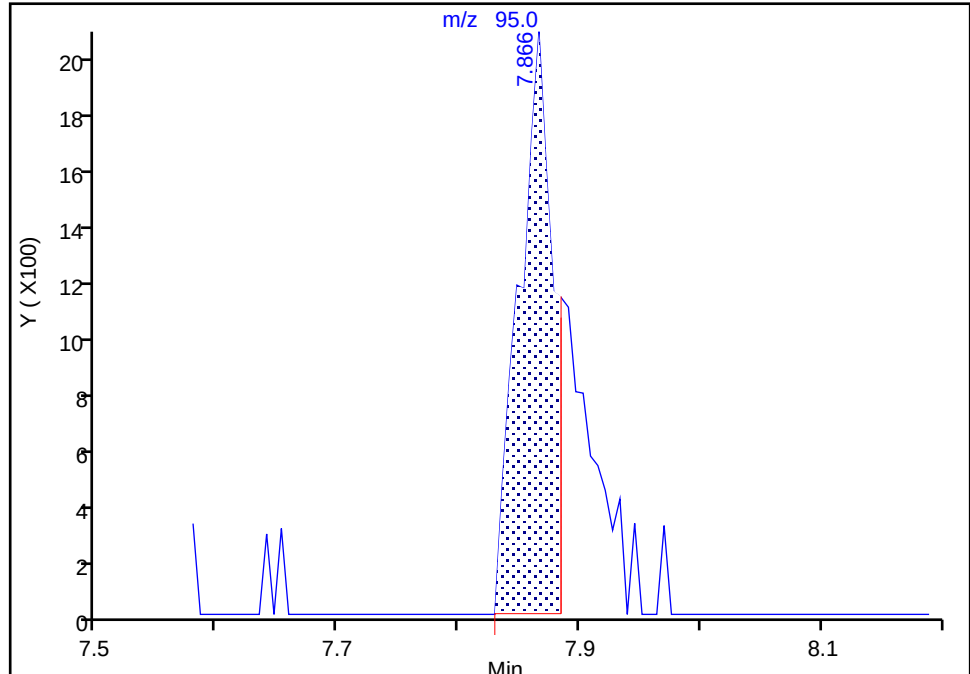
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X21.D  
Injection Date: 03-Oct-2025 01:25:30 Instrument ID: 19094  
Lims ID: 410-243359-A-11 Lab Sample ID: 410-243359-11  
Client ID: HD-COD-SW-28-0/1-0  
Operator ID: hr3z ALS Bottle#: 21 Worklist Smp#: 22  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**67 Trichloroethene, CAS: 79-01-6**

Signal: 1

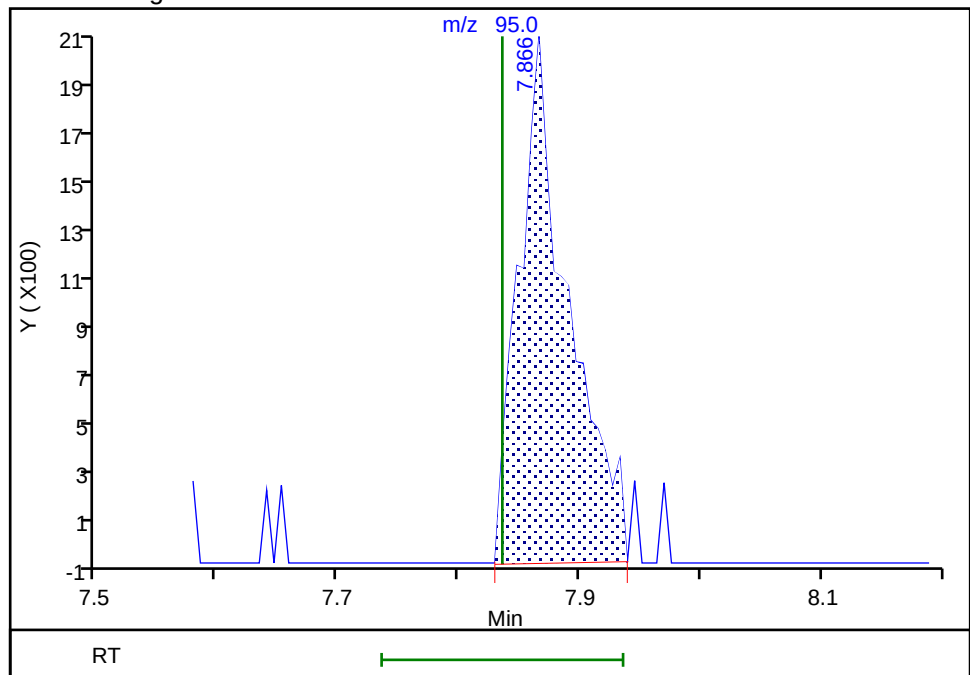
RT: 7.87  
Area: 4030  
Amount: 0.079185  
Amount Units: ug/l

## Processing Integration Results



RT: 7.87  
Area: 5793  
Amount: 0.113826  
Amount Units: ug/l

## Manual Integration Results



Reviewer: FQ4L, 03-Oct-2025 15:12:39 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-12

Matrix: Water

Lab File ID: HC02X22.D

Analysis Method: 8260D

Date Collected: 09/22/2025 09:30

Sample wt/vol: 25 (mL)

Date Analyzed: 10/03/2025 01:46

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | ND     |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | ND     |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 0.094  | J | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | ND     |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 0.19   | J | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 0.58   |   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-29-0/1-0      Lab Sample ID: 410-243359-12

Matrix: Water      Lab File ID: HC02X22.D

Analysis Method: 8260D      Date Collected: 09/22/2025 09:30

Sample wt/vol: 25 (mL)      Date Analyzed: 10/03/2025 01:46

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | ND     |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 0.14   | J | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97   |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 92   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 104  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 95   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X22.D  
 Lims ID: 410-243359-A-12  
 Client ID: HD-COD-SW-29-0/1-0  
 Sample Type: Client  
 Inject. Date: 03-Oct-2025 01:46:30 ALS Bottle#: 22 Worklist Smp#: 23  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-023  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:13:20 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:13:20

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 2.001     | 1.995         | 0.006         | 92 | 6355     | 0.0929         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             | 7     |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  | 3.538     | 3.519         | 0.019         | 58 | 5214     | 0.0420         |       |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.879     | 3.873         | 0.006         | 1  | 58609    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.775     | 5.720         | 0.055         | 80 | 9301     | 0.1904         |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.232     | 6.214         | 0.018         | 84 | 7605     | 0.0944         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 93 | 384244   | 10.4           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.446         |               |    |          | ND             | U     |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 1  | 65426    | 9.74           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1596295  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.866     | 7.836         | 0.030         | 91 | 7453     | 0.1439         |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1678390  | 9.49           |       |
| 84 Toluene                         | 92  | 9.518     | 9.506         | 0.012         | 97 | 7225     | 0.0527         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             |       |



| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.097    | 10.085        | 0.012         | 97 | 37610    | 0.5810         |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1271190  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             | 7     |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 93 | 589042   | 9.22           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 683796   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

7 - Failed Limit of Detection

## Review Flags

U - Marked Undetected

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:13:20

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X22.D

Injection Date: 03-Oct-2025 01:46:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-12

Lab Sample ID: 410-243359-12

Worklist Smp#: 23

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

ALS Bottle#: 22

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X22.D  
Lims ID: 410-243359-A-12  
Client ID: HD-COD-SW-29-0/1-0  
Sample Type: Client  
Inject. Date: 03-Oct-2025 01:46:30 ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-023  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:13:20 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:13:20

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.4             | 103.71 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 9.74             | 97.38  |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.49             | 94.91  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.22             | 92.24  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X22.D

Injection Date: 03-Oct-2025 01:46:30

Instrument ID: 19094

Lims ID: 410-243359-A-12

Lab Sample ID: 410-243359-12

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

Operator ID: hr3z

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 25.000 mL

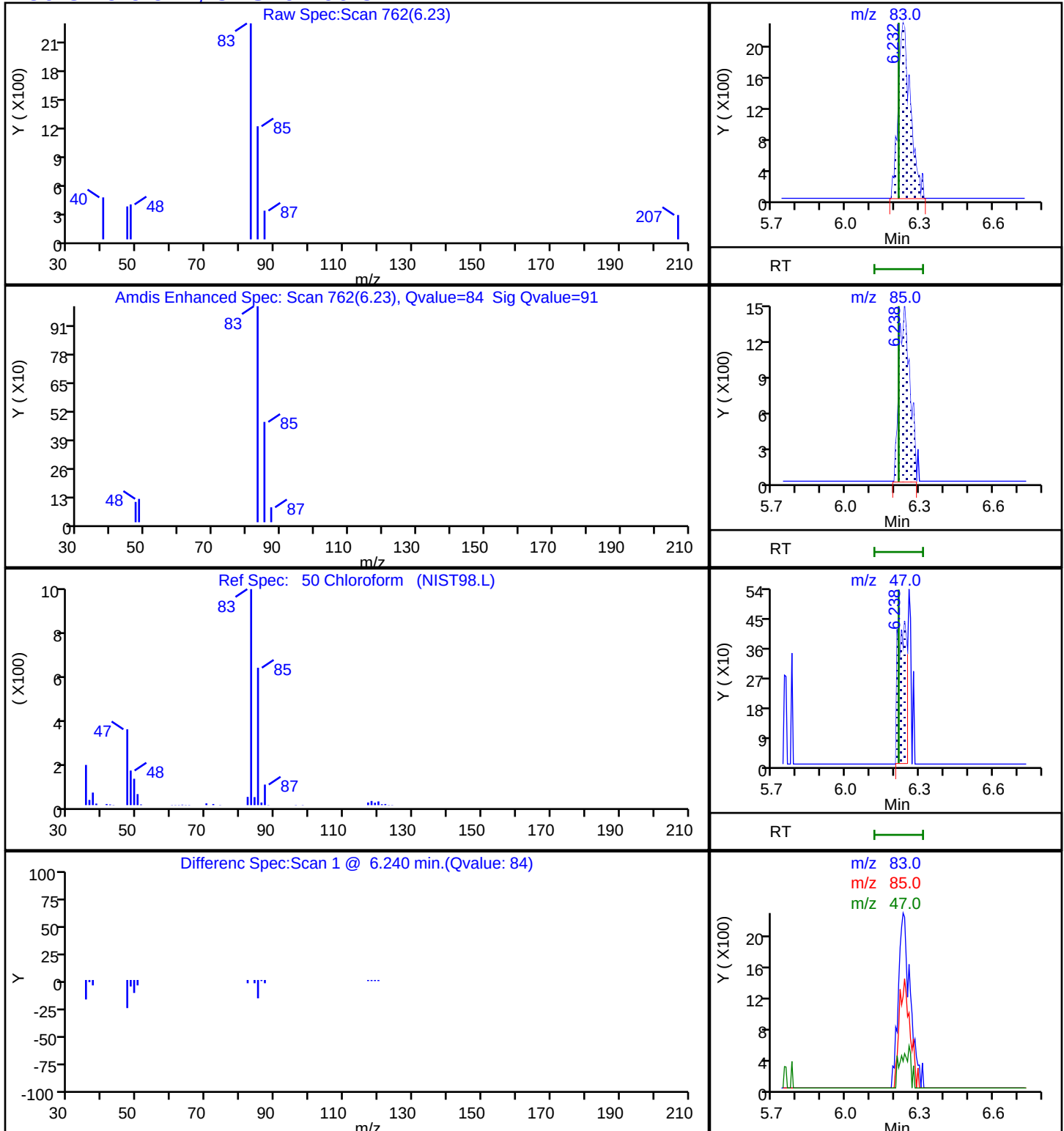
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**50 Chloroform, CAS: 67-66-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X22.D

Injection Date: 03-Oct-2025 01:46:30

Instrument ID: 19094

Lims ID: 410-243359-A-12

Lab Sample ID: 410-243359-12

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

Operator ID: hr3z

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 25.000 mL

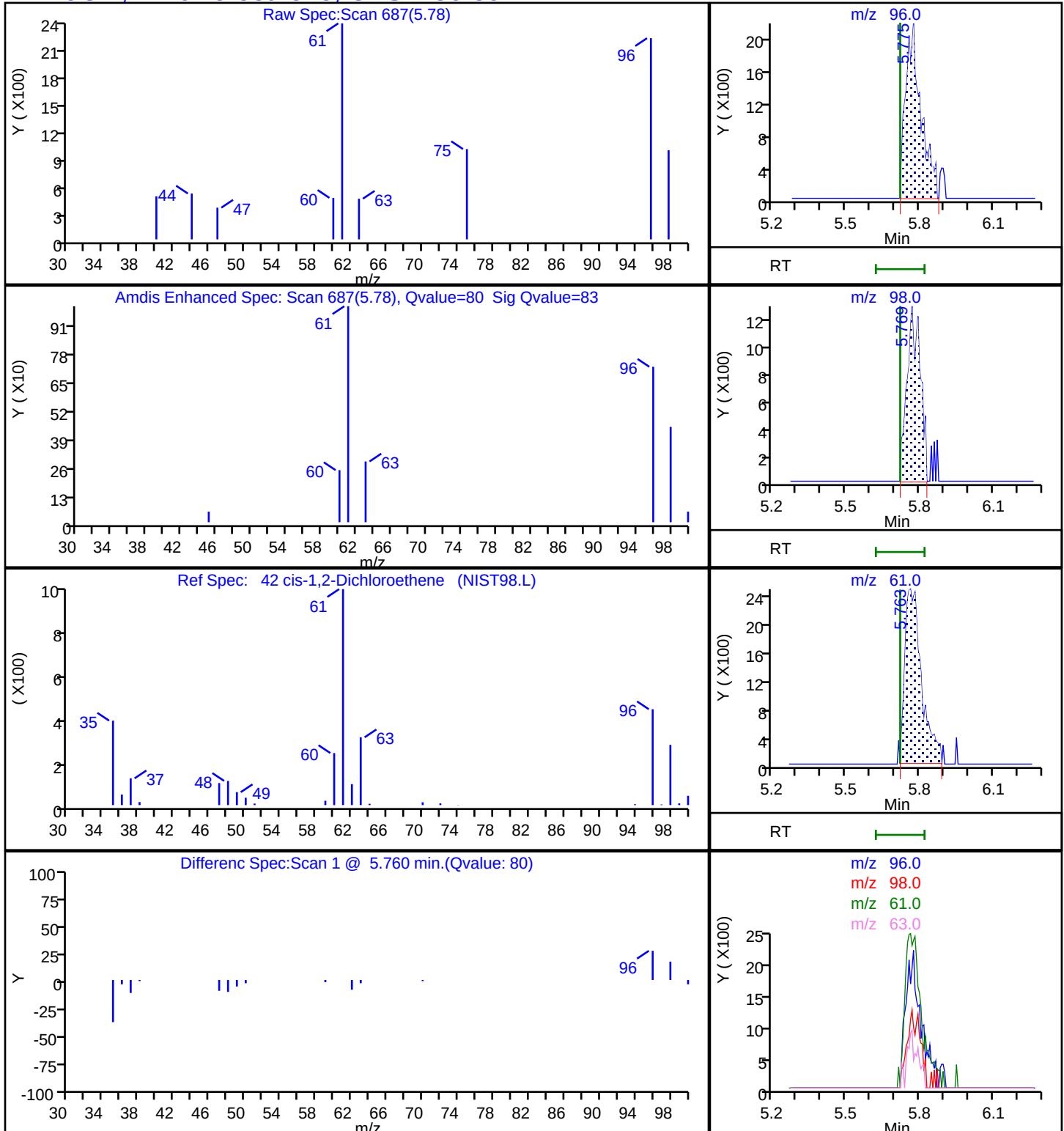
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X22.D

Injection Date: 03-Oct-2025 01:46:30

Instrument ID: 19094

Lims ID: 410-243359-A-12

Lab Sample ID: 410-243359-12

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

Operator ID: hr3z

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 25.000 mL

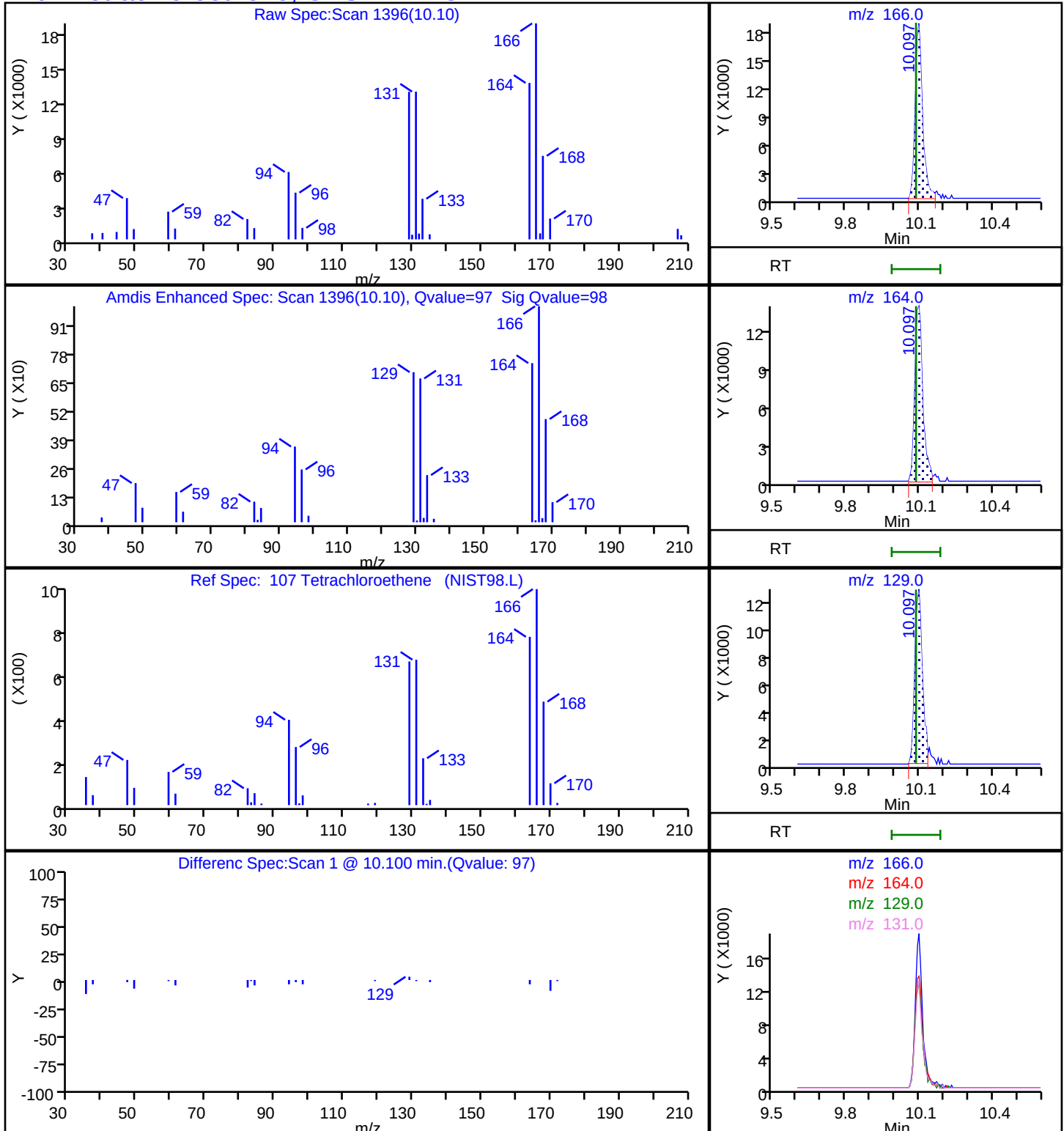
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X22.D

Injection Date: 03-Oct-2025 01:46:30

Instrument ID: 19094

Lims ID: 410-243359-A-12

Lab Sample ID: 410-243359-12

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

Operator ID: hr3z

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 25.000 mL

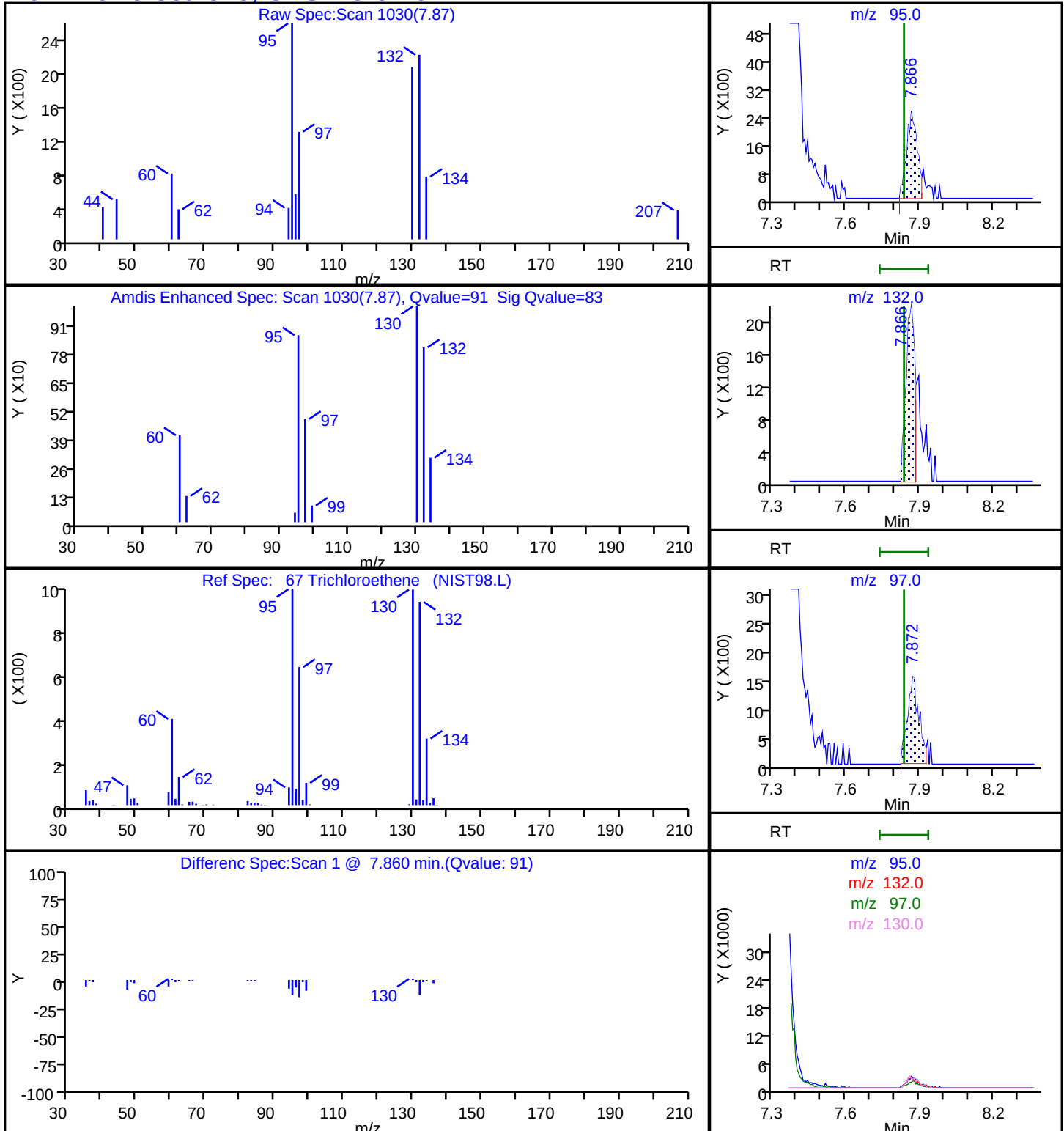
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

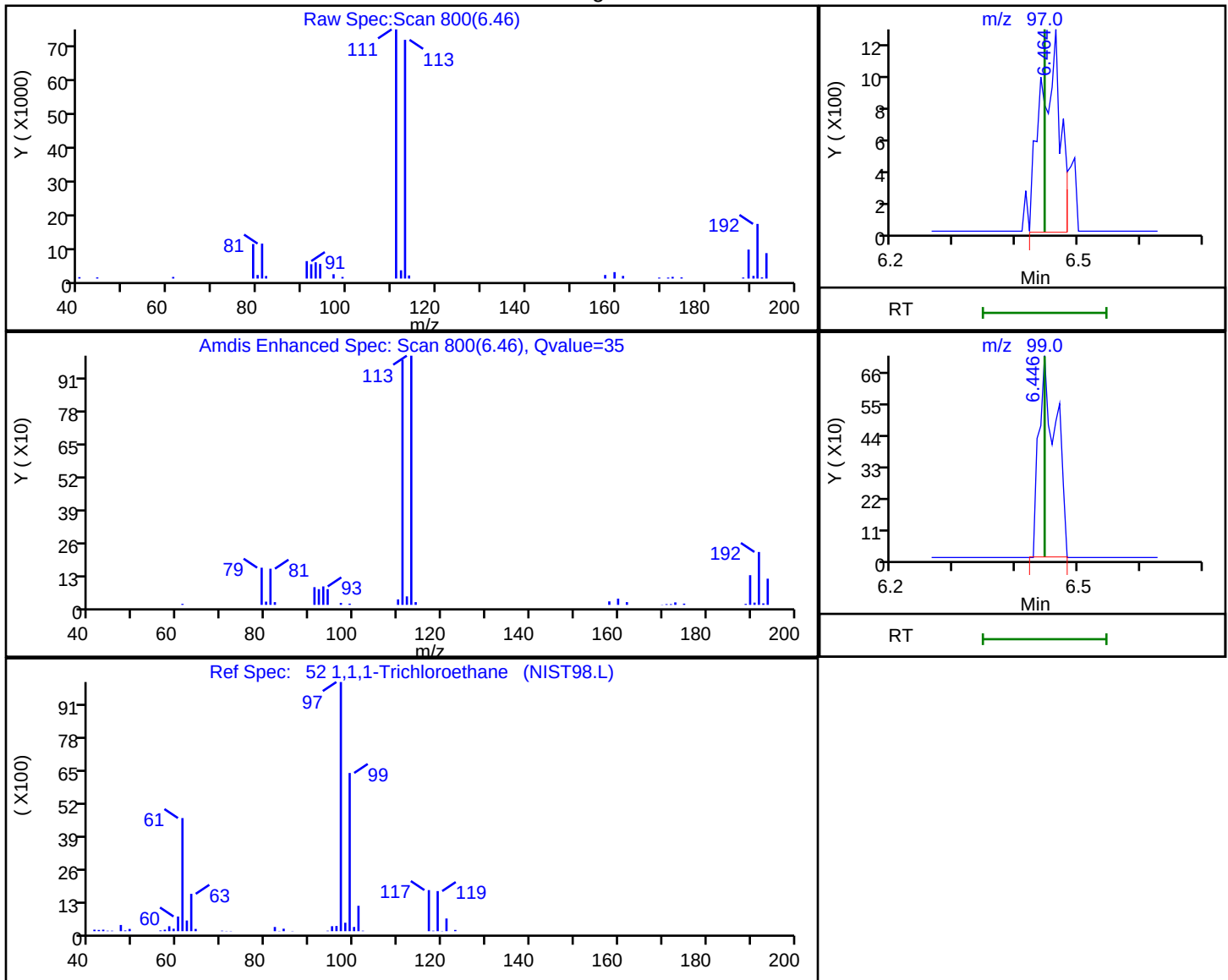
**67 Trichloroethene, CAS: 79-01-6**

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X22.D  
Injection Date: 03-Oct-2025 01:46:30 Instrument ID: 19094  
Lims ID: 410-243359-A-12 Lab Sample ID: 410-243359-12  
Client ID: HD-COD-SW-29-0/1-0  
Operator ID: hr3z ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.46 | 97.00 | 2728     | 0.036200 |
| 6.45 | 99.00 | 1374     |          |

Reviewer: FQ4L, 03-Oct-2025 15:13:08 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-13

Matrix: Water

Lab File ID: HC02X23.D

Analysis Method: 8260D

Date Collected: 09/22/2025 12:00

Sample wt/vol: 25 (mL)

Date Analyzed: 10/03/2025 02:07

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | ND     |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 11     |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | ND     |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | ND     |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | 1.7    |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 0.82   |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | ND     |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | ND     |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | ND     |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | ND     |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | ND     |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | ND     |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | ND     |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | ND     |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | ND     |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | ND     |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | ND     |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | ND     |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | ND     |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | ND     |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | ND     |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | ND     |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 0.21   | J | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | 0.16   | J | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 2.3    |   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | ND     |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | ND     |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | ND     |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | ND     |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | ND     |   | 0.50 | 0.070 |
| 108-88-3   | Toluene                     | ND     |   | 0.50 | 0.080 |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-QC1-0/1-1      Lab Sample ID: 410-243359-13

Matrix: Water      Lab File ID: HC02X23.D

Analysis Method: 8260D      Date Collected: 09/22/2025 12:00

Sample wt/vol: 25 (mL)      Date Analyzed: 10/03/2025 02:07

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 156-60-5   | trans-1,2-Dichloroethene  | ND     |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | ND     |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 4.1    |   | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | ND     |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | ND     |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 102  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 91   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 104  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 93   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D  
 Lims ID: 410-243359-A-13  
 Client ID: HD-QC1-0/1-1  
 Sample Type: Client  
 Inject. Date: 03-Oct-2025 02:07:30 ALS Bottle#: 23 Worklist Smp#: 24  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-024  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:13:20 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:13:52

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  | 1.995     | 1.995         | 0.000         | 98 | 11172    | 0.1615         |       |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             | 7     |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  | 3.245     | 3.239         | 0.006         | 97 | 33812    | 0.8247         |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  |           | 3.519         |               |    |          | ND             | 7     |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.879     | 3.873         | 0.006         | 1  | 58759    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             | 7     |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  | 4.885     | 4.873         | 0.012         | 96 | 149110   | 1.70           |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.732     | 5.720         | 0.012         | 79 | 113721   | 2.30           |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  | 6.232     | 6.214         | 0.018         | 90 | 16718    | 0.2051         |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.433     | 6.434         | -0.001        | 93 | 388469   | 10.4           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.446     | 6.446         | 0.000         | 98 | 816358   | 10.7           |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             | 7     |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 5  | 69021    | 10.2           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.342         | 0.000         | 99 | 1614767  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.842     | 7.836         | 0.006         | 98 | 214158   | 4.09           |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1706770  | 9.29           |       |
| 84 Toluene                         | 92  |           | 9.506         |               |    |          | ND             | 7     |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             | 7     |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 98 | 10543856 | 156.8          | E     |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          | ND             | 7     |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1320131  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          | ND             | 7     |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             | 7     |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             |       |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 93 | 606403   | 9.14           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 706400   | 10.0           |       |

**QC Flag Legend**

## Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D

Injection Date: 03-Oct-2025 02:07:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-13

Lab Sample ID: 410-243359-13

Worklist Smp#: 24

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

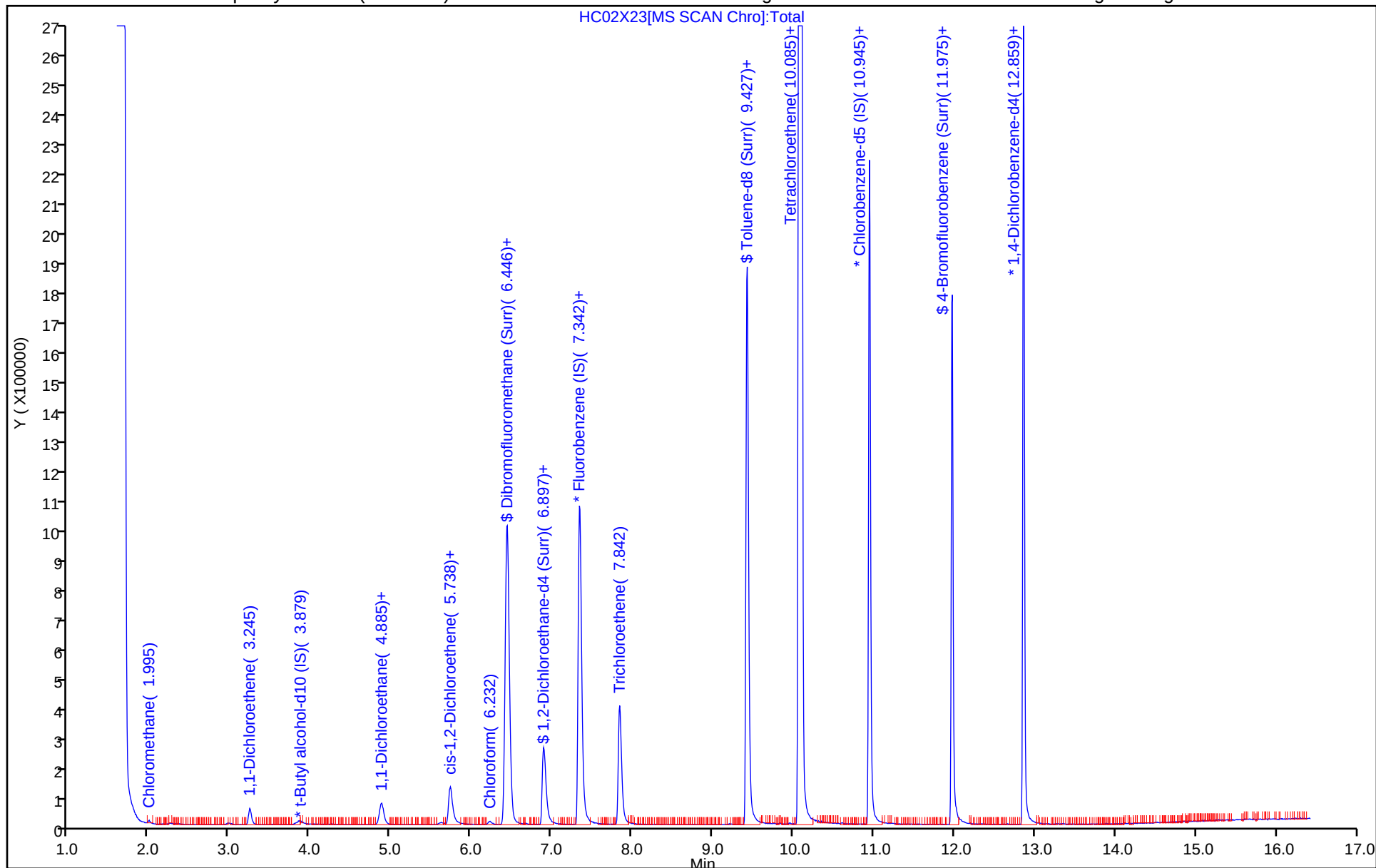
ALS Bottle#: 23

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D  
Lims ID: 410-243359-A-13  
Client ID: HD-QC1-0/1-1  
Sample Type: Client  
Inject. Date: 03-Oct-2025 02:07:30 ALS Bottle#: 23 Worklist Smp#: 24  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-024  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:13:20 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:13:52

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.4             | 103.65 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.2             | 101.56 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.29             | 92.94  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.14             | 91.44  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D

Injection Date: 03-Oct-2025 02:07:30

Instrument ID: 19094

Lims ID: 410-243359-A-13

Lab Sample ID: 410-243359-13

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

Operator ID: hr3z

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 25.000 mL

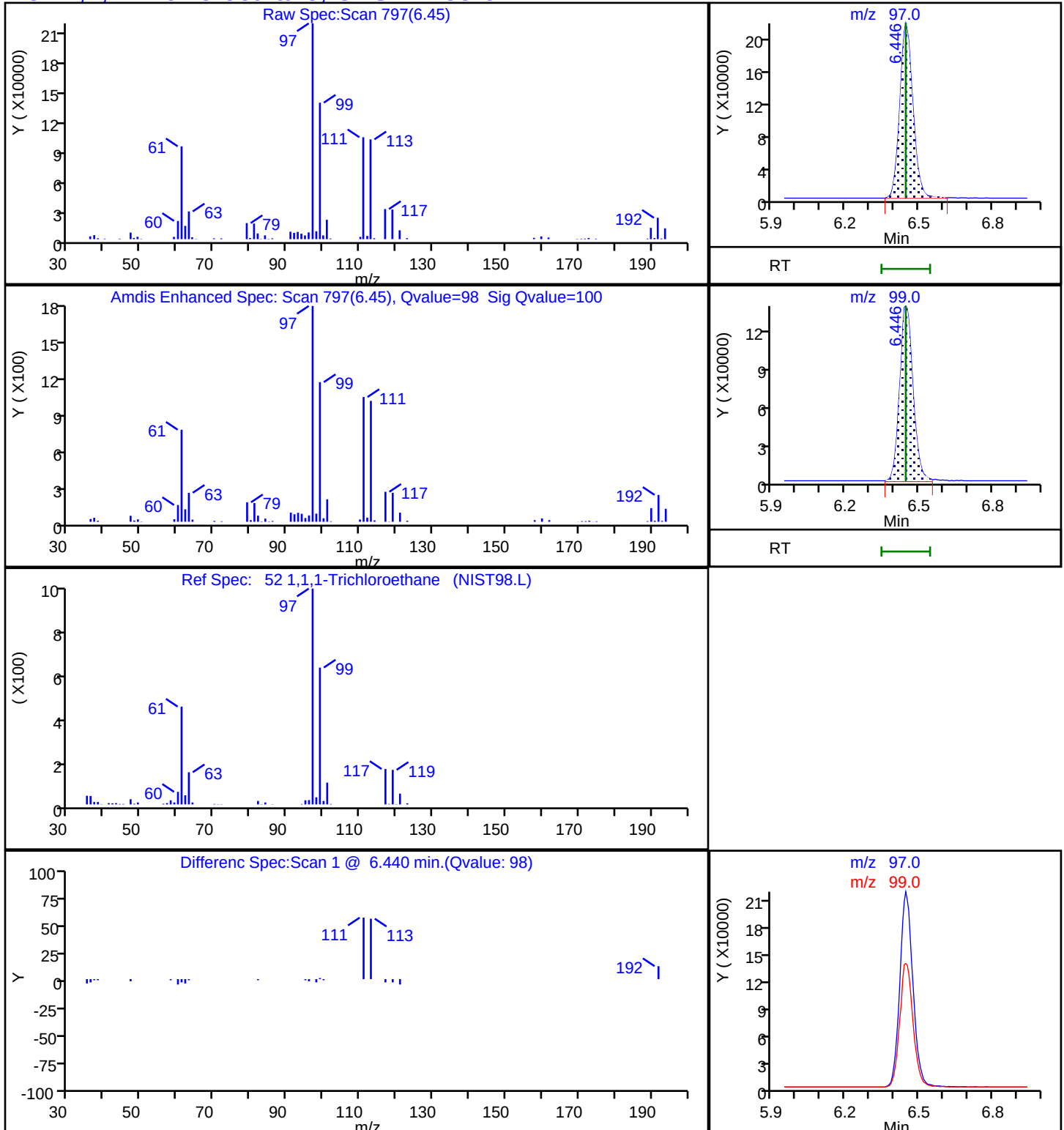
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D

Injection Date: 03-Oct-2025 02:07:30

Instrument ID: 19094

Lims ID: 410-243359-A-13

Lab Sample ID: 410-243359-13

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

Operator ID: hr3z

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 25.000 mL

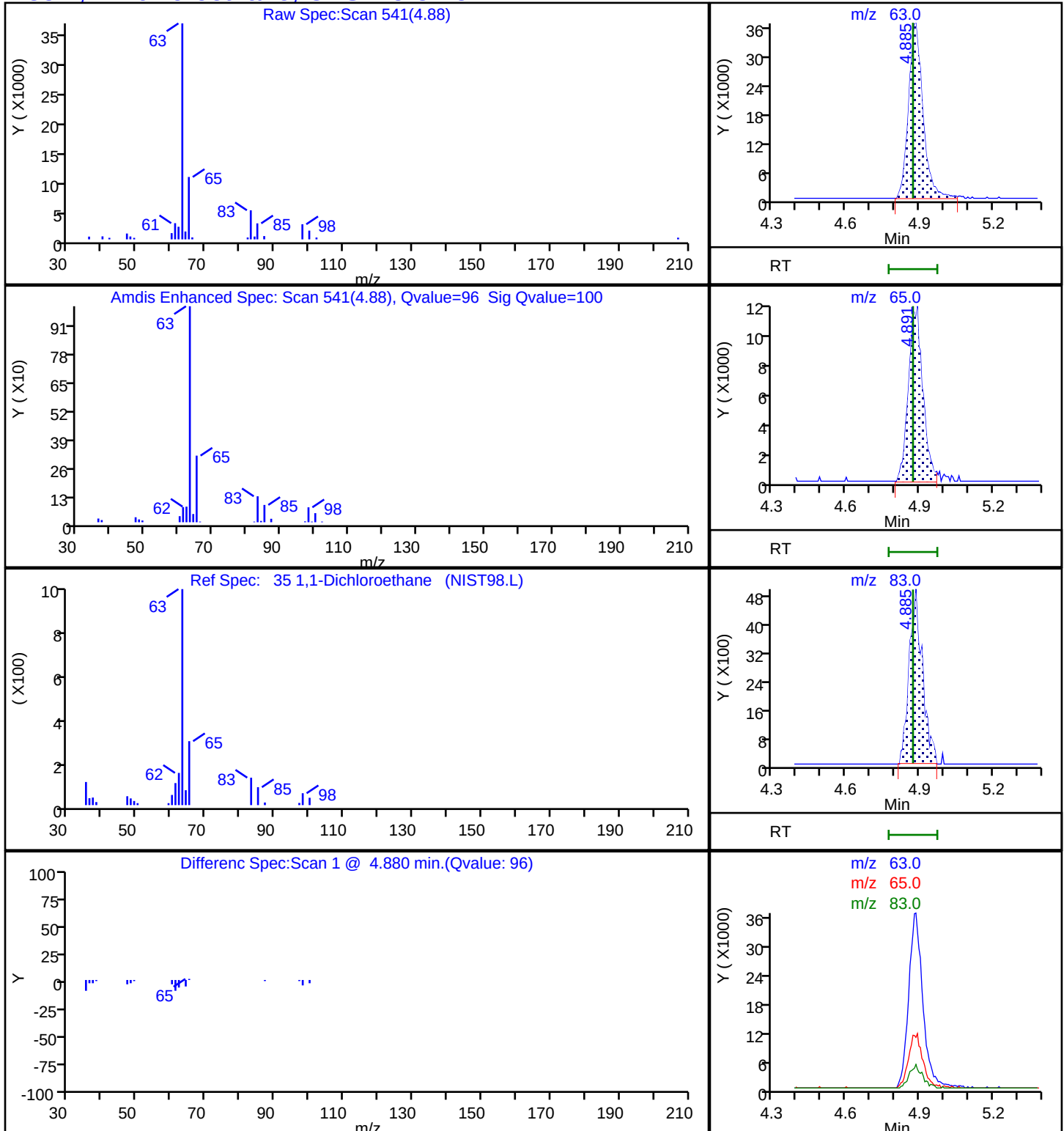
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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



Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D

Injection Date: 03-Oct-2025 02:07:30

Instrument ID: 19094

Lims ID: 410-243359-A-13

Lab Sample ID: 410-243359-13

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

Operator ID: hr3z

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 25.000 mL

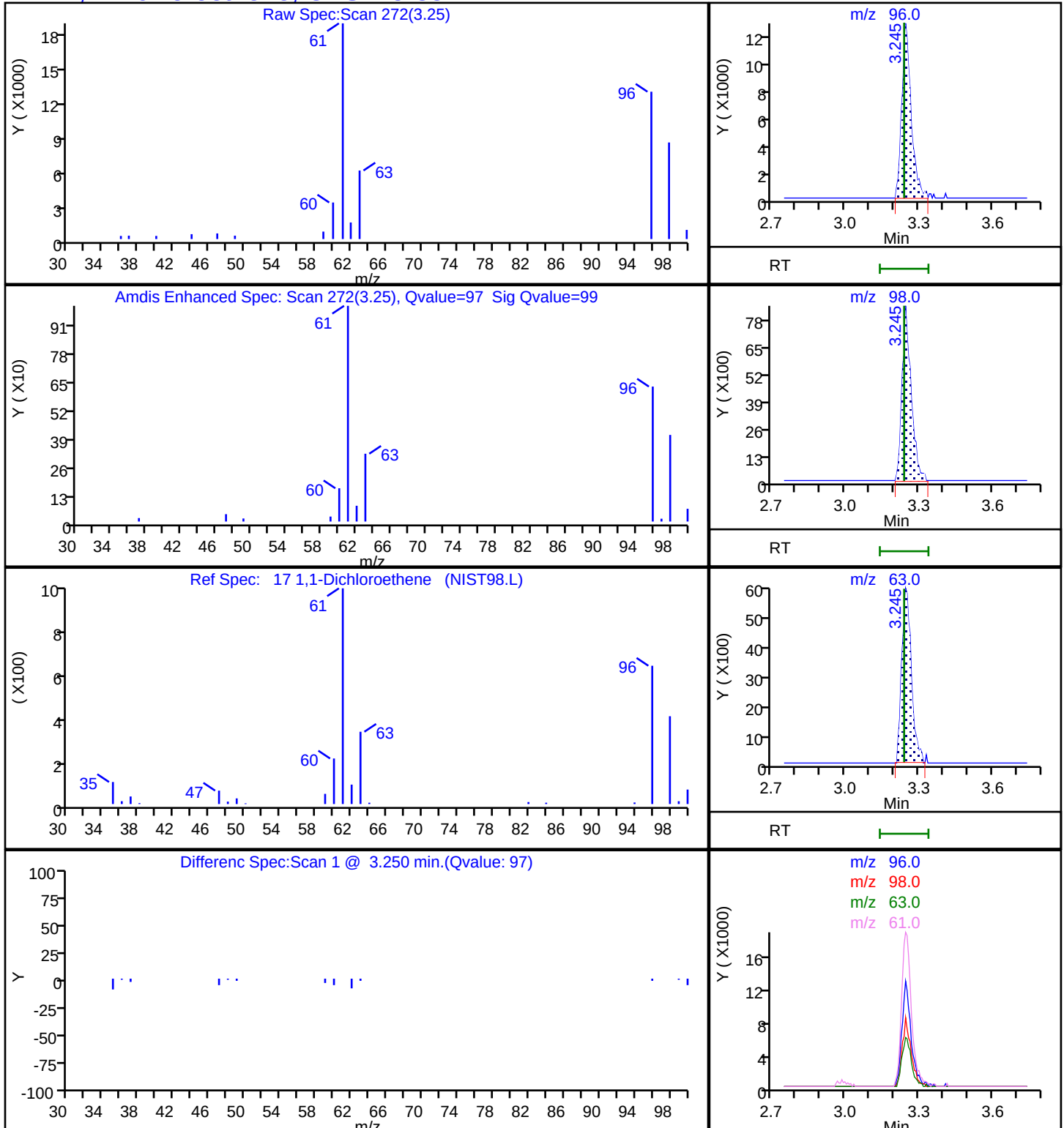
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D

Injection Date: 03-Oct-2025 02:07:30

Instrument ID: 19094

Lims ID: 410-243359-A-13

Lab Sample ID: 410-243359-13

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

Operator ID: hr3z

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 25.000 mL

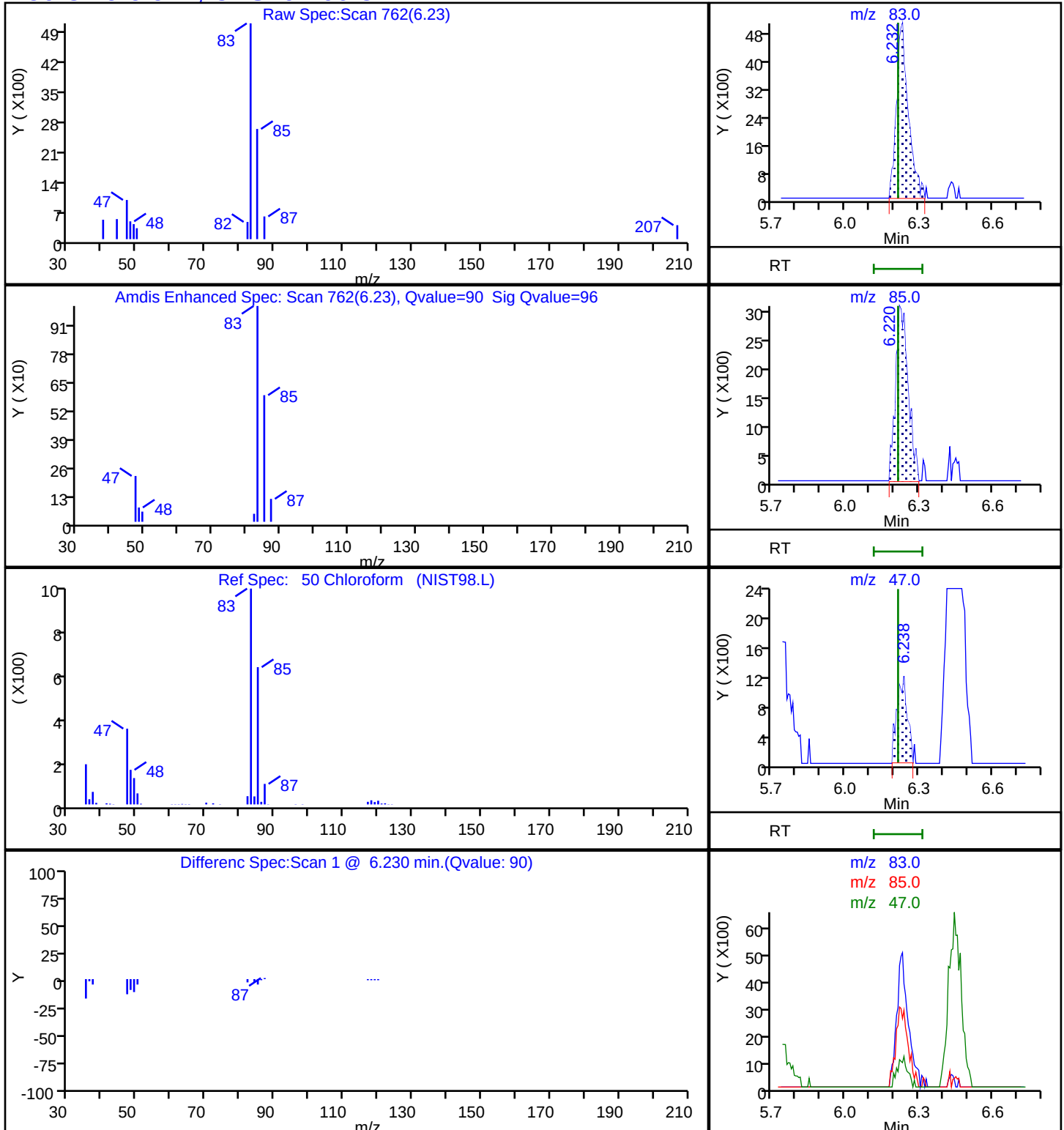
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**50 Chloroform, CAS: 67-66-3**

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D

Injection Date: 03-Oct-2025 02:07:30

Instrument ID: 19094

Lims ID: 410-243359-A-13

Lab Sample ID: 410-243359-13

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

Operator ID: hr3z

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 25.000 mL

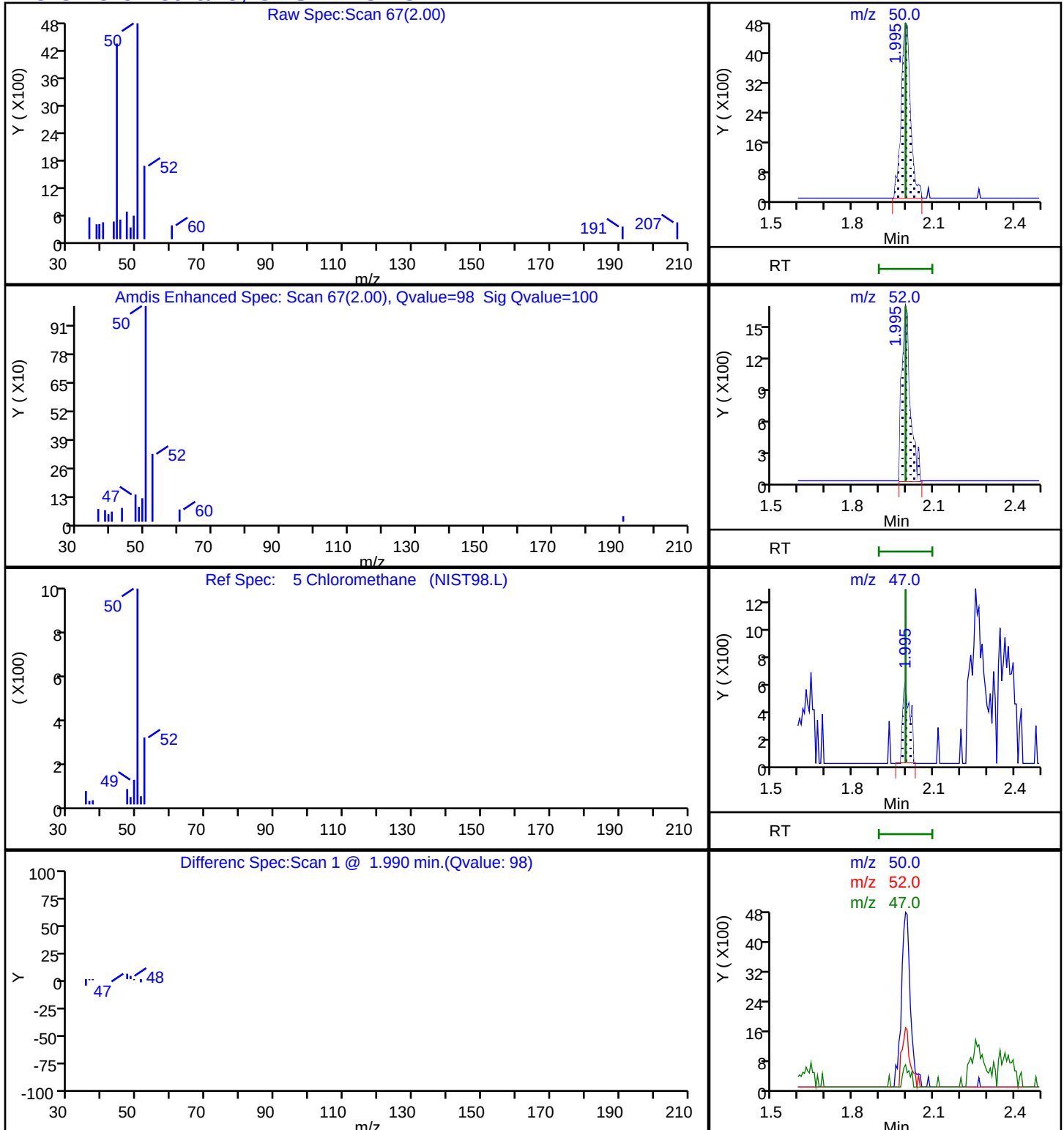
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**5 Chloromethane, CAS: 74-87-3**

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D

Injection Date: 03-Oct-2025 02:07:30

Instrument ID: 19094

Lims ID: 410-243359-A-13

Lab Sample ID: 410-243359-13

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

Operator ID: hr3z

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 25.000 mL

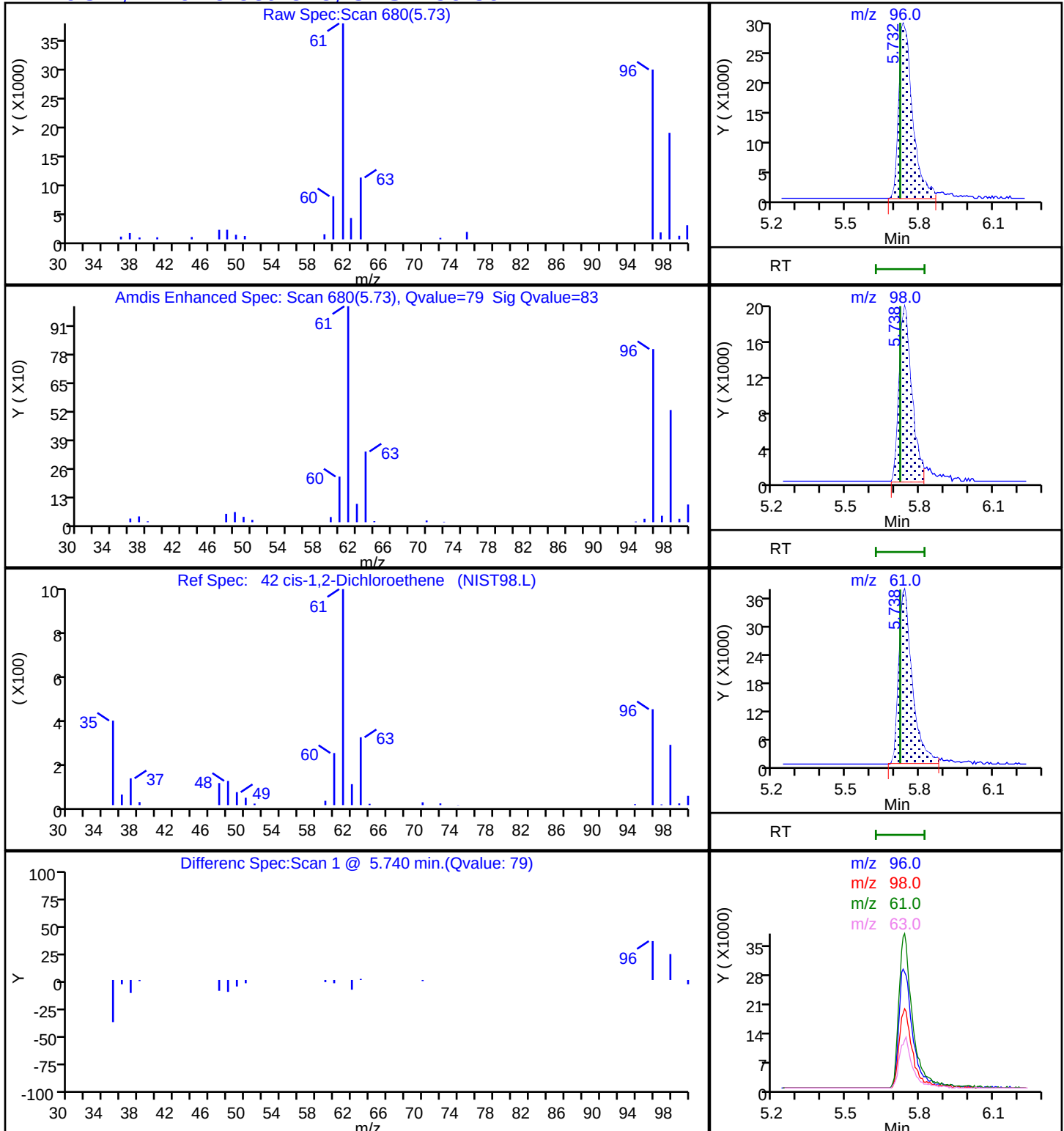
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X23.D

Injection Date: 03-Oct-2025 02:07:30

Instrument ID: 19094

Lims ID: 410-243359-A-13

Lab Sample ID: 410-243359-13

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

Operator ID: hr3z

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 25.000 mL

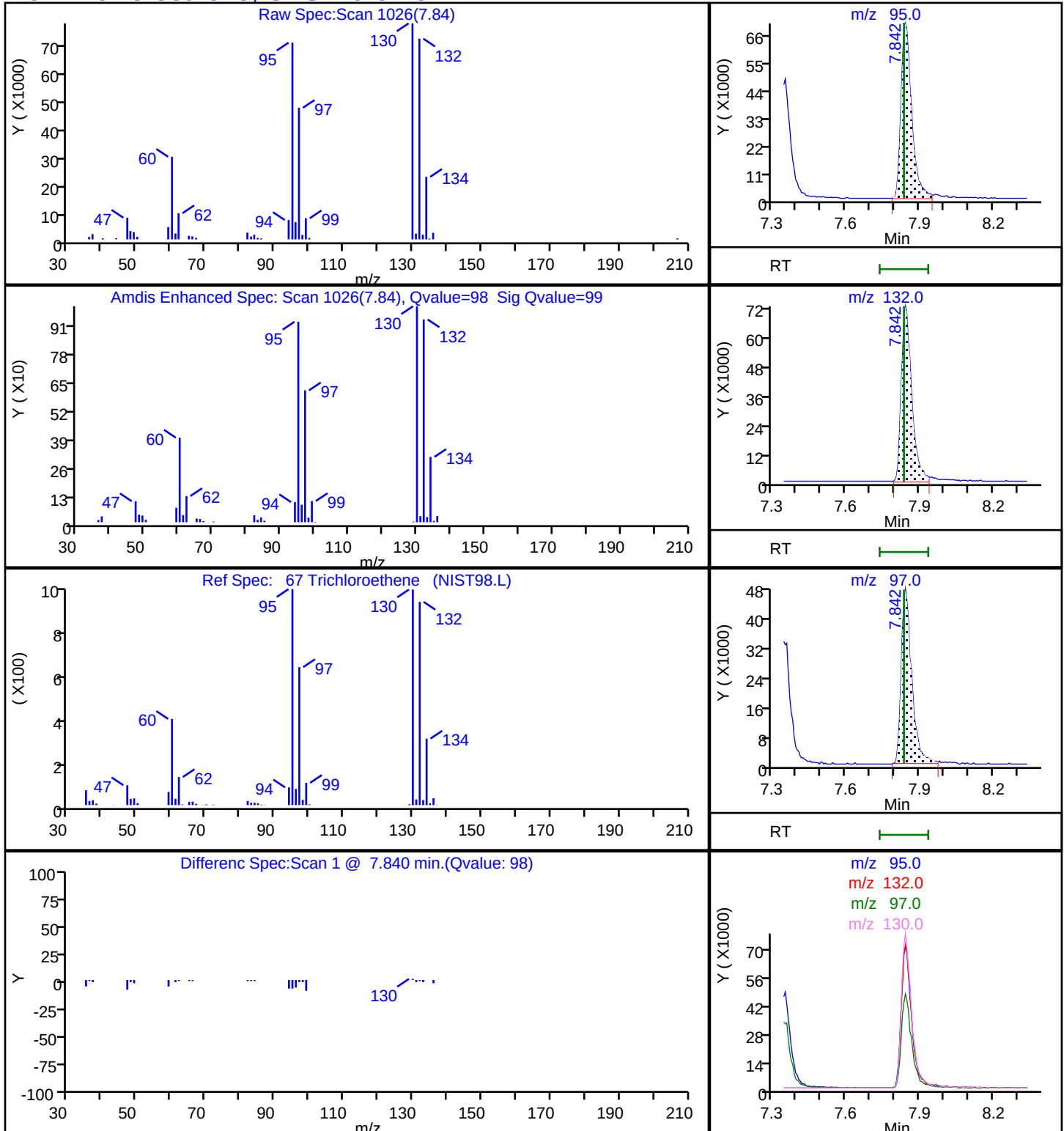
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**67 Trichloroethene, CAS: 79-01-6**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-13 DL

Matrix: Water

Lab File ID: HC07X15.D

Analysis Method: 8260D

Date Collected: 09/22/2025 12:00

Sample wt/vol: 25 (mL)

Date Analyzed: 10/07/2025 13:52

Soil Aliquot Vol:

Dilution Factor: 10

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710012

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.  | COMPOUND NAME     | RESULT | Q    | RL  | MDL |
|----------|-------------------|--------|------|-----|-----|
| 127-18-4 | Tetrachloroethene | 140    | H cn | 5.0 | 2.0 |

| CAS NO.    | SURROGATE                    | %REC | Q  | LIMITS |
|------------|------------------------------|------|----|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 102  | cn | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 89   | cn | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 98   | cn | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 99   | cn | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X15.D  
 Lims ID: 410-243359-B-13 DL  
 Client ID: HD-QC1-0/1-1  
 Sample Type: Client  
 Inject. Date: 07-Oct-2025 13:52:30 ALS Bottle#: 15 Worklist Smp#: 16  
 Purge Vol: 25.000 mL Dil. Factor: 10.0000  
 Sample Info: 410-0162228-016  
 Operator ID: ecr105096 Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 07-Oct-2025 15:17:15 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 15:17:15

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  |           | 2.001         |               |    |          | ND             | 7     |
| 7 Vinyl chloride                   | 62  |           | 2.111         |               |    |          | ND             |       |
| 9 Bromomethane                     | 94  |           | 2.410         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  | 3.251     | 3.245         | 0.006         | 95 | 3510     | 0.0793         |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  |           | 3.525         |               |    |          | ND             | 7     |
| 27 Methylene Chloride              | 84  |           | 3.843         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.873     | 3.867         | 0.006         | 23 | 40174    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.227         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  | 4.903     | 4.879         | 0.024         | 90 | 14852    | 0.1567         |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.769     | 5.726         | 0.043         | 79 | 10564    | 0.1979         |       |
| 47 Chlorobromomethane              | 128 |           | 6.062         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  |           | 6.220         |               |    |          | ND             | 7     |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.440     | 6.440         | 0.000         | 94 | 398305   | 9.84           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.452     | 6.452         | 0.000         | 93 | 74847    | 0.9093         |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.903         | -0.006        | 45 | 74794    | 10.2           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             |       |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.348         | -0.006        | 99 | 1743593  | 10.0           |       |
| 67 Trichloroethene                 | 95  | 7.854     | 7.836         | 0.018         | 95 | 20323    | 0.3592         | M     |
| 70 1,2-Dichloropropane             | 63  |           | 8.165         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.274         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94 | 1747148  | 9.87           |       |
| 84 Toluene                         | 92  |           | 9.506         |               |    |          | ND             | 7     |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.786         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             | U     |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 98 | 926555   | 14.3           |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.384        |               |    |          | ND             | 7     |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1272254  | 10.0           |       |
| 115 Chlorobenzene                  | 112 |           | 10.969        |               |    |          | ND             | 7     |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.061        |               |    |          | ND             |       |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          | ND             |       |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          | ND             |       |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 93 | 571073   | 8.94           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          | ND             |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 680439   | 10.0           |       |

### QC Flag Legend

#### Processing Flags

7 - Failed Limit of Detection

#### Review Flags

M - Manually Integrated

U - Marked Undetected

### Reagents:

MSV\_LLcentISS\_00018

Amount Added: 5.00

Units: uL

Run Reagent



Report Date: 07-Oct-2025 15:17:34

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X15.D

Injection Date: 07-Oct-2025 13:52:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: 410-243359-B-13 DL

Lab Sample ID: 410-243359-13

Worklist Smp#: 16

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

Purge Vol: 25.000 mL

Dil. Factor: 10.0000

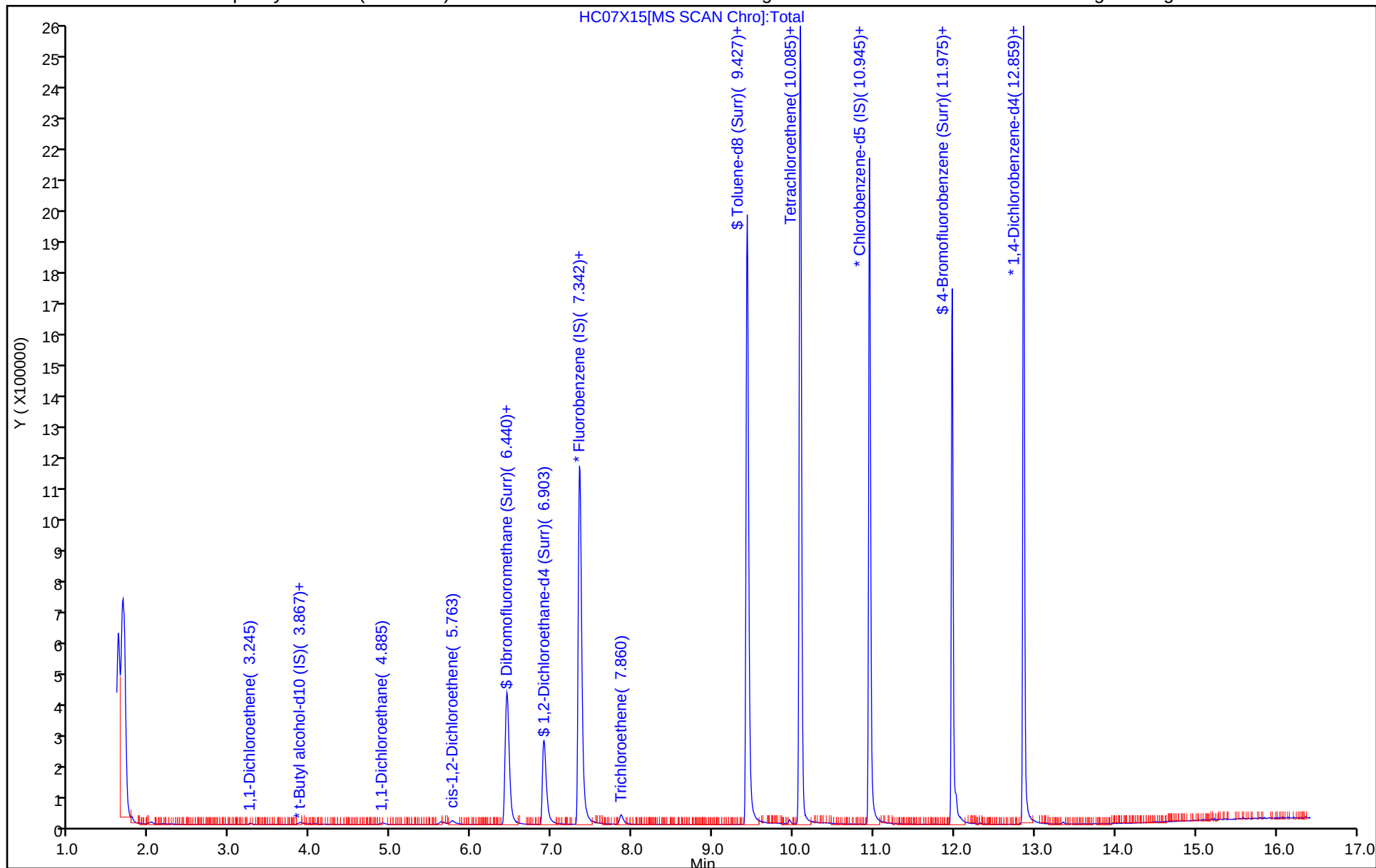
ALS Bottle#: 15

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X15.D  
Lims ID: 410-243359-B-13 DL  
Client ID: HD-QC1-0/1-1  
Sample Type: Client  
Inject. Date: 07-Oct-2025 13:52:30 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 10.0000  
Sample Info: 410-0162228-016  
Operator ID: ecr105096 Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 07-Oct-2025 15:17:15 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 15:17:15

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 9.84             | 98.42  |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.2             | 101.92 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.87             | 98.71  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 8.94             | 89.35  |

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X15.D

Injection Date: 07-Oct-2025 13:52:30

Instrument ID: 19094

Lims ID: 410-243359-B-13 DL

Lab Sample ID: 410-243359-13

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

Operator ID: ecr105096

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

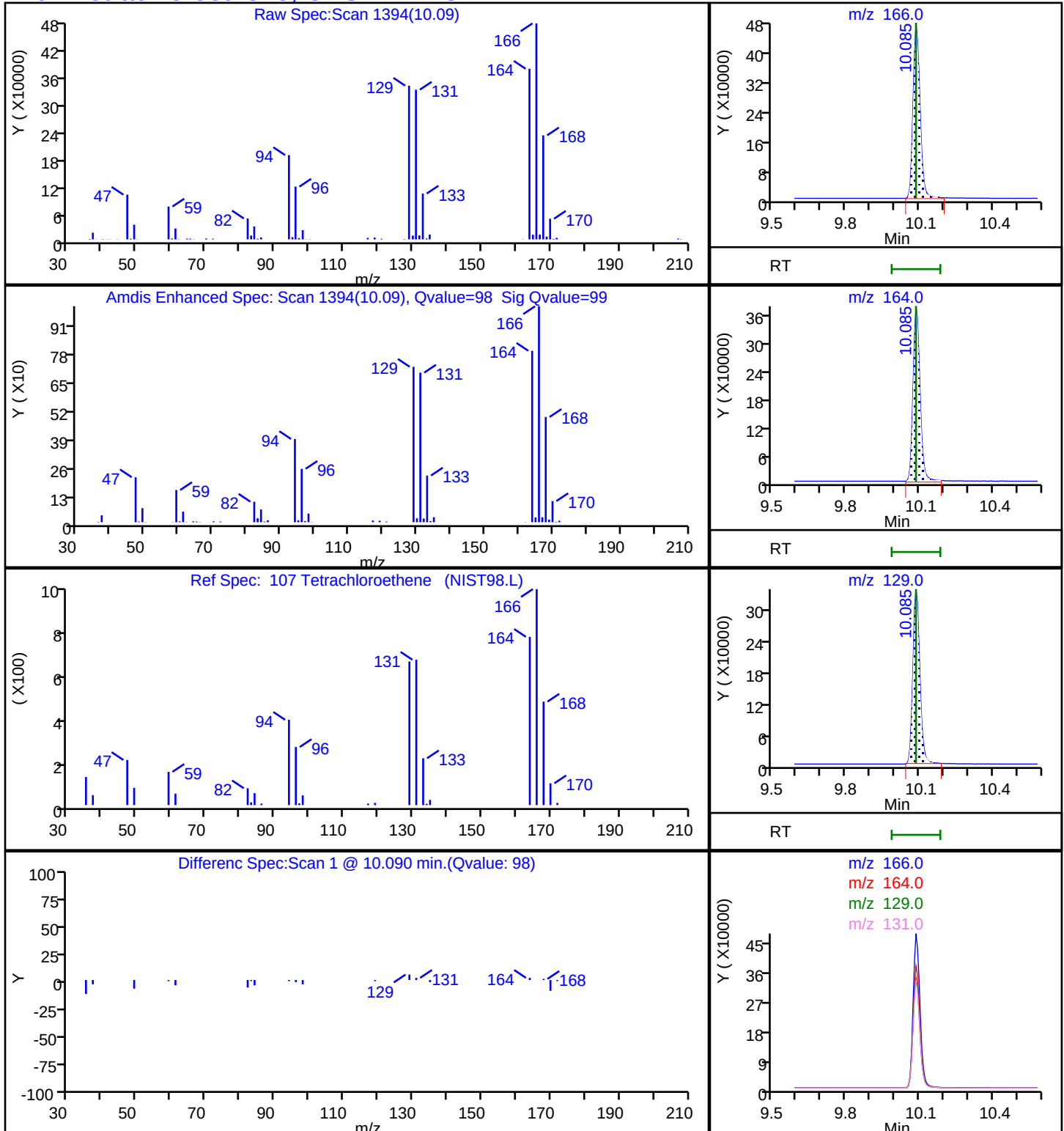
Dil. Factor: 10.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

MS Quad

**107 Tetrachloroethene, CAS: 127-18-4**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-14

Matrix: Water

Lab File ID: HC02X08.D

Analysis Method: 8260D

Date Collected: 09/22/2025 00:00

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 20:53

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

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

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-QC1-0/1-2      Lab Sample ID: 410-243359-14

Matrix: Water      Lab File ID: HC02X08.D

Analysis Method: 8260D      Date Collected: 09/22/2025 00:00

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 20:53

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

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

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 105  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 94   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 101  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 96   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X08.D  
 Lims ID: 410-243359-A-14  
 Client ID: HD-QC1-0/1-2  
 Sample Type: Client  
 Inject. Date: 02-Oct-2025 20:53:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-009  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 14:54:25 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 14:56:06

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|----------------|-------|
| 5 Chloromethane                    | 50  |           | 1.995         |               |    |          | ND             | 7     |
| 7 Vinyl chloride                   | 62  |           | 2.105         |               |    |          | ND             |       |
| 9 Bromomethane                     | 94  |           | 2.404         |               |    |          | ND             |       |
| 10 Chloroethane                    | 64  |           | 2.465         |               |    |          | ND             |       |
| 17 1,1-Dichloroethene              | 96  |           | 3.239         |               |    |          | ND             |       |
| 19 Acetone                         | 43  |           | 3.282         |               |    |          | ND             |       |
| 23 Carbon disulfide                | 76  |           | 3.519         |               |    |          | ND             | 7     |
| 27 Methylene Chloride              | 84  |           | 3.836         |               |    |          | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)      | 65  | 3.861     | 3.873         | -0.012        | 1  | 60655    | 50.0           |       |
| 31 Methyl tert-butyl ether         | 73  |           | 4.208         |               |    |          | ND             |       |
| 33 trans-1,2-Dichloroethene        | 96  |           | 4.221         |               |    |          | ND             |       |
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  |           | 5.720         |               |    |          | ND             |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          | ND             |       |
| 50 Chloroform                      | 83  |           | 6.214         |               |    |          | ND             |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 94 | 366088   | 10.1           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.446         |               |    |          | ND             |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 1  | 68839    | 10.5           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          | ND             | 7     |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          | ND             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 99 | 1562690  | 10.0           |       |
| 67 Trichloroethene                 | 95  |           | 7.836         |               |    |          | ND             |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1625553  | 9.59           |       |
| 84 Toluene                         | 92  |           | 9.506         |               |    |          | ND             | 7     |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          | ND             |       |

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-------------------|-------|
| 107 Tetrachloroethene              | 166 |              | 10.085           |                  |    |          | ND                |       |
| 109 2-Hexanone                     | 43  |              | 10.219           |                  |    |          | ND                |       |
| 111 Chlorodibromomethane           | 129 |              | 10.390           |                  |    |          | ND                |       |
| 112 Ethylene Dibromide             | 107 |              | 10.500           |                  |    |          | ND                |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945       | 10.945           | 0.000            | 85 | 1217935  | 10.0              |       |
| 115 Chlorobenzene                  | 112 |              | 10.975           |                  |    |          | ND                |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |              | 11.061           |                  |    |          | ND                |       |
| 117 Ethylbenzene                   | 91  |              | 11.067           |                  |    |          | ND                |       |
| 118 m-Xylene & p-Xylene            | 106 |              | 11.183           |                  |    |          | ND                |       |
| S 119 Xylenes, Total               | 106 |              | 11.245           |                  |    |          | ND                | 7     |
| 120 o-Xylene                       | 106 |              | 11.518           |                  |    |          | ND                |       |
| 121 Styrene                        | 104 |              | 11.536           |                  |    |          | ND                |       |
| 122 Bromoform                      | 173 |              | 11.695           |                  |    |          | ND                |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975       | 11.969           | 0.006            | 94 | 577872   | 9.44              |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |              | 12.073           |                  |    |          | ND                |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859       | 12.859           | 0.000            | 94 | 665414   | 10.0              |       |

**QC Flag Legend**

Processing Flags

7 - Failed Limit of Detection

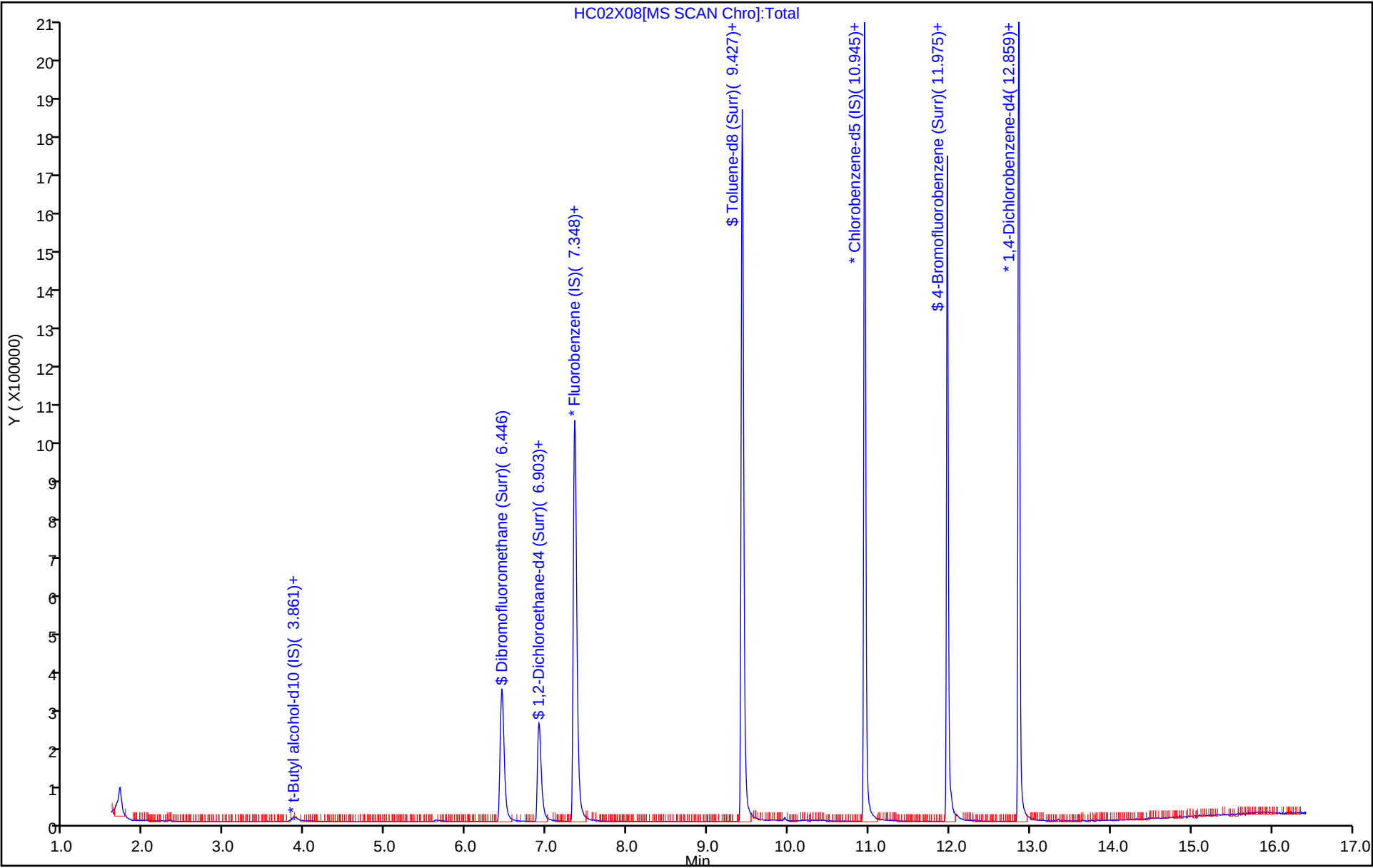
**Reagents:**

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent





Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X08.D  
Lims ID: 410-243359-A-14  
Client ID: HD-QC1-0/1-2  
Sample Type: Client  
Inject. Date: 02-Oct-2025 20:53:30 ALS Bottle#: 8 Worklist Smp#: 9  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-009  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 14:54:25 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 14:56:06

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.1             | 100.93 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.5             | 104.67 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.59             | 95.94  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.44             | 94.45  |

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

Calibration Files

|         |                    |              |
|---------|--------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:     | LAB FILE ID: |
| Level 1 | IC 410-668589/13   | HL08X12.D    |
| Level 2 | IC 410-668589/14   | HL08X13.D    |
| Level 3 | IC 410-668589/15   | HL08X14.D    |
| Level 4 | IC 410-668589/16   | HL08X15.D    |
| Level 5 | IC 410-668589/17   | HL08X16.D    |
| Level 6 | IC 410-668589/18   | HL08X17.D    |
| Level 7 | IC 410-668589/19   | HL08X18.D    |
| Level 8 | ICIS 410-668589/20 | HL08X19.D    |
| Level 9 | IC 410-668589/21   | HL08X20.D    |

| ANALYTE                 | RRF              |                  |                  |                  |        | CURVE TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|-------------------------|------------------|------------------|------------------|------------------|--------|------------|-------------|------------|----|---|---------|-----------|---|---------------|------------|---|----------------|
|                         | LVL 1            | LVL 2            | LVL 3            | LVL 4            | LVL 5  |            | B           | M1         | M2 |   |         |           |   |               |            |   |                |
|                         | LVL 6            | LVL 7            | LVL 8            | LVL 9            |        |            |             |            |    |   |         |           |   |               |            |   |                |
| Dichlorodifluoromethane | 0.3570<br>0.3038 | 0.3473<br>0.3124 | 0.2945<br>0.3183 | 0.3596<br>0.3038 | 0.3231 | Ave        |             | 0.324<br>4 |    |   | 0.1000  | 7.5       |   | 20.0          |            |   |                |
| Chloromethane           | ++++<br>0.3904   | 0.5601<br>0.3912 | 0.4411<br>0.3660 | 0.4450<br>0.3689 | 0.4651 | Ave        |             | 0.428<br>5 |    |   | 0.1000  | 15.1      |   | 20.0          |            |   |                |
| 1,3-Butadiene           | ++++<br>0.3824   | 0.4671<br>0.3986 | 0.3819<br>0.3891 | 0.4935<br>0.3656 | 0.4167 | Ave        |             | 0.411<br>9 |    |   |         | 11.0      |   | 20.0          |            |   |                |
| Vinyl chloride          | ++++<br>0.3619   | 0.4273<br>0.3681 | 0.3796<br>0.3654 | 0.4250<br>0.3470 | 0.4253 | Ave        |             | 0.387<br>4 |    |   | 0.1000  | 8.5       |   | 20.0          |            |   |                |
| Bromomethane            | ++++<br>0.2582   | 0.2961<br>0.2607 | 0.2880<br>0.2545 | 0.2868<br>0.2504 | 0.3067 | Ave        |             | 0.275<br>2 |    |   | 0.1000  | 7.8       |   | 20.0          |            |   |                |
| Chloroethane            | ++++<br>0.2265   | 0.2520<br>0.2284 | 0.2630<br>0.2255 | 0.2604<br>0.2245 | 0.2660 | Ave        |             | 0.243<br>3 |    |   | 0.1000  | 7.7       |   | 20.0          |            |   |                |
| Dichlorofluoromethane   | ++++<br>0.6084   | 0.7194<br>0.6212 | 0.6634<br>0.6129 | 0.6912<br>0.6044 | 0.6865 | Ave        |             | 0.650<br>9 |    |   | 0.1000  | 6.9       |   | 20.0          |            |   |                |
| Trichlorofluoromethane  | 0.6586<br>0.4621 | 0.5172<br>0.4741 | 0.4471<br>0.4784 | 0.5363<br>0.4582 | 0.4918 | Ave        |             | 0.502<br>6 |    |   | 0.1000  | 12.9      |   | 20.0          |            |   |                |
| Ethyl ether             | ++++<br>0.1790   | 0.1206<br>0.1881 | 0.1539<br>0.1877 | 0.1775<br>0.1859 | 0.1713 | Ave        |             | 0.170<br>5 |    |   |         | 13.5      |   | 20.0          |            |   |                |
| Freon 123a              | ++++<br>0.3522   | 0.4062<br>0.3587 | 0.3854<br>0.3628 | 0.3987<br>0.3571 | 0.3775 | Ave        |             | 0.374<br>8 |    |   |         | 5.4       |   | 20.0          |            |   |                |
| Acrolein                | 2.6388<br>2.6704 | 2.3629<br>3.5298 | 2.6066<br>3.3314 | 2.7272<br>2.9059 | 3.2815 | Ave        |             | 2.895<br>0 |    |   |         | 13.7      |   | 20.0          |            |   |                |
| 1,1-Dichloroethene      | ++++<br>0.2467   | 0.2486<br>0.2618 | 0.2669<br>0.2544 | 0.2345<br>0.2470 | 0.2713 | Ave        |             | 0.253<br>9 |    |   | 0.1000  | 4.8       |   | 20.0          |            |   |                |

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

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.:

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                  | RRF              |                  |                  |                  |        | CURVE TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------|-------------|------------|----|---|---------|-----------|---|---------------|------------|---|----------------|
|                          | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9   | LVL 5  |            | B           | M1         | M2 |   |         |           |   |               |            |   |                |
| Freon 113                | 0.1662<br>0.2642 | 0.2234<br>0.2867 | 0.2506<br>0.2835 | 0.2456<br>0.2700 | 0.2522 | Ave        |             | 0.249<br>2 |    |   | 0.1000  | 14.8      |   | 20.0          |            |   |                |
| Acetone                  | ++++<br>3.1392   | 4.2856<br>3.5543 | 3.9982<br>3.3334 | 3.5784<br>2.9758 | 3.5516 | Ave        |             | 3.552<br>1 |    |   | 0.1000  | 12.1      |   | 20.0          |            |   |                |
| Methyl iodide            | ++++<br>0.4812   | 0.4581<br>0.5103 | 0.4955<br>0.4890 | 0.4621<br>0.4720 | 0.5266 | Ave        |             | 0.486<br>8 |    |   |         | 4.8       |   | 20.0          |            |   |                |
| Ethyl bromide            | 0.1497<br>0.2184 | 0.2032<br>0.2300 | 0.2366<br>0.2260 | 0.2327<br>0.2248 | 0.2093 | Ave        |             | 0.214<br>5 |    |   |         | 12.4      |   | 20.0          |            |   |                |
| Carbon disulfide         | ++++<br>0.7292   | 0.8456<br>0.7846 | 0.8099<br>0.7551 | 0.7261<br>0.7460 | 0.8317 | Ave        |             | 0.778<br>5 |    |   | 0.1000  | 6.0       |   | 20.0          |            |   |                |
| Methyl acetate           | ++++<br>6.4072   | ++++<br>9.3364   | ++++<br>9.2494   | 8.1555<br>9.3765 | 8.4165 | Ave        |             | 8.490<br>2 |    |   | 0.1000  | 13.5      |   | 20.0          |            |   |                |
| Allyl chloride           | ++++<br>0.4780   | 0.5331<br>0.5062 | 0.5568<br>0.4858 | 0.4326<br>0.4804 | 0.5375 | Ave        |             | 0.501<br>3 |    |   |         | 8.0       |   | 20.0          |            |   |                |
| Methylene Chloride       | ++++<br>0.2607   | 0.2692<br>0.2754 | 0.2779<br>0.2627 | 0.2510<br>0.2577 | 0.2759 | Ave        |             | 0.266<br>3 |    |   | 0.1000  | 3.7       |   | 20.0          |            |   |                |
| t-Butyl alcohol          | ++++<br>1.1297   | ++++<br>1.1694   | 1.1139<br>1.1088 | 1.0468<br>1.0910 | 0.9548 | Ave        |             | 1.087<br>8 |    |   |         | 6.4       |   | 20.0          |            |   |                |
| Methyl tert-butyl ether  | 0.6490<br>0.5811 | 0.5601<br>0.6123 | 0.5947<br>0.5926 | 0.5380<br>0.5744 | 0.5502 | Ave        |             | 0.583<br>6 |    |   | 0.1000  | 5.8       |   | 20.0          |            |   |                |
| Acrylonitrile            | ++++<br>3.3071   | ++++<br>4.7969   | ++++<br>4.6705   | 1.0645<br>4.4415 | 2.8622 | Lin        | -2.07<br>5  | 4.522<br>2 |    |   |         |           |   |               | 0.9980     |   | 0.9900         |
| trans-1,2-Dichloroethene | ++++<br>0.2758   | 0.2486<br>0.2971 | 0.2944<br>0.2825 | 0.2680<br>0.2781 | 0.3057 | Ave        |             | 0.281<br>3 |    |   | 0.1000  | 6.4       |   | 20.0          |            |   |                |
| n-Hexane                 | 0.4097<br>0.4218 | 0.4278<br>0.4618 | 0.4092<br>0.4630 | 0.3964<br>0.4431 | 0.4090 | Ave        |             | 0.426<br>9 |    |   |         | 5.7       |   | 20.0          |            |   |                |
| 1,1-Dichloroethane       | ++++<br>0.5402   | 0.4936<br>0.5780 | 0.5448<br>0.5539 | 0.5116<br>0.5428 | 0.5835 | Ave        |             | 0.543<br>5 |    |   | 0.2000  | 5.6       |   | 20.0          |            |   |                |
| di-Isopropyl ether       | ++++<br>0.9153   | 0.8824<br>0.9699 | 0.9615<br>0.9382 | 0.8495<br>0.9218 | 0.9020 | Ave        |             | 0.917<br>6 |    |   |         | 4.4       |   | 20.0          |            |   |                |
| 2-Chloro-1,3-butadiene   | ++++<br>0.4681   | 0.3926<br>0.5048 | 0.4838<br>0.4894 | 0.4333<br>0.4860 | 0.5039 | Ave        |             | 0.470<br>2 |    |   |         | 8.2       |   | 20.0          |            |   |                |
| Ethyl t-butyl ether      | ++++<br>0.7997   | 0.7513<br>0.8502 | 0.8143<br>0.8216 | 0.7561<br>0.7988 | 0.7731 | Ave        |             | 0.795<br>6 |    |   |         | 4.3       |   | 20.0          |            |   |                |

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

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                | RRF              |                  |                  |                  |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD<br>/RSE | # | MAX<br>%RSD<br>/RSE | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------|------------------|------------------|------------------|------------------|--------|---------------|-------------|------------|----|---|---------|--------------|---|---------------------|---------------|---|-------------------|
|                        | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9   | LVL 5  |               | B           | M1         | M2 |   |         |              |   |                     |               |   |                   |
| 2-Butanone (MEK)       | ++++<br>5.1838   | ++++<br>7.2493   | 5.2128<br>6.8251 | 5.6799<br>5.9080 | 6.5223 | Ave           |             | 6.083<br>0 |    |   | 0.1000  | 13.2         |   | 20.0                |               |   |                   |
| cis-1,2-Dichloroethene | ++++<br>0.3112   | 0.2548<br>0.3300 | 0.3209<br>0.3154 | 0.2821<br>0.3092 | 0.3251 | Ave           |             | 0.306<br>1 |    |   | 0.1000  | 8.3          |   | 20.0                |               |   |                   |
| 2,2-Dichloropropane    | ++++<br>0.4606   | 0.4613<br>0.4890 | 0.5093<br>0.4726 | 0.4404<br>0.4613 | 0.5081 | Ave           |             | 0.475<br>3 |    |   |         | 5.2          |   | 20.0                |               |   |                   |
| Propionitrile          | ++++<br>1.4350   | ++++<br>1.7216   | ++++<br>1.8051   | 1.1071<br>1.5413 | 1.4865 | Ave           |             | 1.516<br>1 |    |   |         | 16.2         |   | 20.0                |               |   |                   |
| Methacrylonitrile      | ++++<br>5.6924   | 4.6741<br>7.6904 | 5.0093<br>7.1793 | 5.6344<br>6.4014 | 6.6820 | Ave           |             | 6.120<br>4 |    |   |         | 17.2         |   | 20.0                |               |   |                   |
| Bromochloromethane     | ++++<br>0.1165   | ++++<br>0.1248   | 0.1107<br>0.1209 | 0.1106<br>0.1165 | 0.1108 | Ave           |             | 0.115<br>8 |    |   |         | 4.8          |   | 20.0                |               |   |                   |
| Tetrahydrofuran        | ++++<br>1.5829   | ++++<br>1.9560   | ++++<br>1.9007   | 1.4712<br>1.6379 | 1.7100 | Ave           |             | 1.709<br>8 |    |   |         | 11.0         |   | 20.0                |               |   |                   |
| Chloroform             | ++++<br>0.5026   | 0.4737<br>0.5297 | 0.5298<br>0.5110 | 0.4680<br>0.4991 | 0.5252 | Ave           |             | 0.504<br>9 |    |   | 0.2000  | 4.8          |   | 20.0                |               |   |                   |
| 1,1,1-Trichloroethane  | ++++<br>0.4530   | 0.4843<br>0.4874 | 0.4846<br>0.4722 | 0.4430<br>0.4615 | 0.4907 | Ave           |             | 0.472<br>1 |    |   | 0.1000  | 3.8          |   | 20.0                |               |   |                   |
| Cyclohexane            | 0.7565<br>0.5488 | 0.5876<br>0.5823 | 0.5445<br>0.5842 | 0.5155<br>0.5623 | 0.5394 | Ave           |             | 0.580<br>1 |    |   | 0.1000  | 12.1         |   | 20.0                |               |   |                   |
| Carbon tetrachloride   | ++++<br>0.3930   | 0.3678<br>0.4254 | 0.3997<br>0.4167 | 0.3637<br>0.4109 | 0.4135 | Ave           |             | 0.398<br>8 |    |   | 0.1000  | 5.7          |   | 20.0                |               |   |                   |
| 1,1-Dichloropropene    | ++++<br>0.4274   | 0.4168<br>0.4600 | 0.4235<br>0.4490 | 0.4092<br>0.4445 | 0.4550 | Ave           |             | 0.435<br>7 |    |   |         | 4.3          |   | 20.0                |               |   |                   |
| Isobutyl alcohol       | ++++<br>0.3660   | ++++<br>0.4165   | 0.5732<br>0.4225 | 0.4454<br>0.4077 | 0.3427 | Ave           |             | 0.424<br>9 |    |   |         | 17.5         |   | 20.0                |               |   |                   |
| Benzene                | ++++<br>1.2111   | 1.2784<br>1.2795 | 1.2598<br>1.2384 | 1.0941<br>1.2180 | 1.3339 | Ave           |             | 1.239<br>1 |    |   | 0.5000  | 5.7          |   | 20.0                |               |   |                   |
| 1,2-Dichloroethane     | ++++<br>0.2757   | 0.3179<br>0.2939 | 0.2758<br>0.2762 | 0.2595<br>0.2630 | 0.2640 | Ave           |             | 0.278<br>3 |    |   | 0.1000  | 7.0          |   | 20.0                |               |   |                   |
| t-Amyl methyl ether    | 0.9650<br>0.6644 | 0.6060<br>0.7032 | 0.6539<br>0.6807 | 0.6138<br>0.6760 | 0.6335 | Ave           |             | 0.688<br>5 |    |   |         | 15.8         |   | 20.0                |               |   |                   |
| n-Heptane              | ++++<br>0.4103   | 0.5906<br>0.4614 | 0.4584<br>0.4612 | 0.3828<br>0.4468 | 0.3998 | Ave           |             | 0.451<br>4 |    |   |         | 14.2         |   | 20.0                |               |   |                   |

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

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                     | RRF              |                  |                  |                  |        | CURVE TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------------------|------------------|------------------|------------------|------------------|--------|------------|-------------|------------|----|---|---------|-----------|---|---------------|------------|---|----------------|
|                             | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9   | LVL 5  |            | B           | M1         | M2 |   |         |           |   |               |            |   |                |
| n-Butanol                   | +++++<br>0.2909  | +++++<br>0.3371  | +++++<br>0.3660  | 0.1923<br>0.3699 | 0.1717 | Lin        | -13.6<br>7  | 0.376<br>5 |    |   |         |           |   |               | 1.0000     |   | 0.9900         |
| Trichloroethene             | +++++<br>0.3125  | 0.3297<br>0.3357 | 0.3394<br>0.3236 | 0.2937<br>0.3194 | 0.3416 | Ave        |             | 0.324<br>5 |    |   | 0.2000  | 4.9       |   | 20.0          |            |   |                |
| Methylcyclohexane           | 0.6989<br>0.5312 | 0.5655<br>0.5840 | 0.5264<br>0.5841 | 0.5116<br>0.5666 | 0.5151 | Ave        |             | 0.564<br>8 |    |   | 0.1000  | 10.2      |   | 20.0          |            |   |                |
| 1,2-Dichloropropane         | +++++<br>0.3003  | 0.2636<br>0.3226 | 0.2854<br>0.3121 | 0.2858<br>0.3087 | 0.3039 | Ave        |             | 0.297<br>8 |    |   | 0.1000  | 6.3       |   | 20.0          |            |   |                |
| Methyl methacrylate         | +++++<br>10.823  | +++++<br>14.922  | 9.5423<br>14.434 | 10.934<br>13.493 | 13.214 | Ave        |             | 12.48<br>0 |    |   |         | 16.4      |   | 20.0          |            |   |                |
| Dibromomethane              | +++++<br>0.1165  | 0.0678<br>0.1222 | 0.1154<br>0.1216 | 0.1086<br>0.1199 | 0.1106 | Ave        |             | 0.110<br>3 |    |   |         | 16.2      |   | 20.0          |            |   |                |
| 1,4-Dioxane                 | +++++<br>0.0677  | +++++<br>0.0598  | +++++<br>0.0639  | 0.0104<br>0.0754 | 0.0302 | Lin1       | -1.75<br>4  | 0.073<br>7 |    |   | 0.0050  |           |   |               | 0.9930     |   | 0.9900         |
| Bromodichloromethane        | +++++<br>0.3345  | 0.3127<br>0.3522 | 0.3342<br>0.3469 | 0.3036<br>0.3420 | 0.3314 | Ave        |             | 0.332<br>2 |    |   | 0.2000  | 5.0       |   | 20.0          |            |   |                |
| 2-Nitropropane              | +++++<br>3.2097  | +++++<br>4.3672  | 4.4435<br>4.1103 | 3.3994<br>3.6471 | 3.8922 | Ave        |             | 3.867<br>1 |    |   |         | 12.2      |   | 20.0          |            |   |                |
| 1-Bromo-2-chloroethane      | 0.2568<br>0.2621 | 0.2870<br>0.2670 | 0.2756<br>0.2667 | 0.2697<br>0.2660 | 0.2410 | Ave        |             | 0.265<br>8 |    |   |         | 4.7       |   | 20.0          |            |   |                |
| cis-1,3-Dichloropropene     | +++++<br>0.4107  | 0.3572<br>0.4477 | 0.3987<br>0.4402 | 0.3684<br>0.4366 | 0.3931 | Ave        |             | 0.406<br>6 |    |   | 0.2000  | 8.2       |   | 20.0          |            |   |                |
| 4-Methyl-2-pentanone (MIBK) | 22.804<br>15.187 | 15.439<br>19.350 | 14.451<br>18.245 | 16.053<br>16.198 | 18.250 | Ave        |             | 17.33<br>1 |    |   | 0.1000  | 15.1      |   | 20.0          |            |   |                |
| Toluene                     | +++++<br>1.0638  | 1.0603<br>1.1340 | 1.0725<br>1.0907 | 0.9815<br>1.0757 | 1.1456 | Ave        |             | 1.078<br>0 |    |   | 0.4000  | 4.7       |   | 20.0          |            |   |                |
| trans-1,3-Dichloropropene   | +++++<br>0.4372  | 0.3548<br>0.4835 | 0.4288<br>0.4757 | 0.3662<br>0.4766 | 0.3932 | Ave        |             | 0.427<br>0 |    |   | 0.1000  | 11.9      |   | 20.0          |            |   |                |
| Ethyl methacrylate          | +++++<br>0.3254  | 0.2094<br>0.3517 | 0.3021<br>0.3439 | 0.2681<br>0.3410 | 0.2731 | Ave        |             | 0.301<br>8 |    |   |         | 16.3      |   | 20.0          |            |   |                |
| 1,1,2-Trichloroethane       | 0.3050<br>0.2298 | 0.2227<br>0.2452 | 0.2399<br>0.2379 | 0.2217<br>0.2358 | 0.2163 | Ave        |             | 0.239<br>4 |    |   | 0.1000  | 11.0      |   | 20.0          |            |   |                |
| Tetrachloroethene           | +++++<br>0.4909  | 0.4895<br>0.5351 | 0.5215<br>0.5195 | 0.4666<br>0.5067 | 0.5442 | Ave        |             | 0.509<br>2 |    |   | 0.2000  | 5.1       |   | 20.0          |            |   |                |

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

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                     | RRF              |                  |                  |                  |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD<br>/RSE | # | MAX<br>%RSD<br>/RSE | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|-----------------------------|------------------|------------------|------------------|------------------|--------|---------------|-------------|------------|----|---|---------|--------------|---|---------------------|---------------|---|-------------------|
|                             | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9   | LVL 5  |               | B           | M1         | M2 |   |         |              |   |                     |               |   |                   |
| 1,3-Dichloropropane         | 0.4811<br>0.4175 | 0.3493<br>0.4505 | 0.3937<br>0.4362 | 0.3853<br>0.4302 | 0.4050 | Ave           |             | 0.416<br>5 |    |   |         | 9.3          |   | 20.0                |               |   |                   |
| 2-Hexanone                  | ++++<br>9.9850   | 11.780<br>13.193 | 9.0472<br>12.510 | 9.1102<br>11.300 | 11.668 | Ave           |             | 11.07<br>4 |    |   | 0.1000  | 13.9         |   | 20.0                |               |   |                   |
| Dibromochloromethane        | 0.3613<br>0.3004 | 0.2203<br>0.3173 | 0.2799<br>0.3165 | 0.2731<br>0.3133 | 0.2788 | Ave           |             | 0.295<br>7 |    |   |         | 13.2         |   | 20.0                |               |   |                   |
| 1,2-Dibromoethane (EDB)     | 0.1953<br>0.2182 | 0.1837<br>0.2311 | 0.1874<br>0.2290 | 0.1974<br>0.2259 | 0.2013 | Ave           |             | 0.207<br>7 |    |   | 0.1000  | 8.9          |   | 20.0                |               |   |                   |
| 1-Chlorohexane              | ++++<br>0.5967   | 0.9860<br>0.6535 | 0.6961<br>0.6350 | 0.6104<br>0.6202 | 0.6319 | Ave           |             | 0.678<br>7 |    |   |         | 18.8         |   | 20.0                |               |   |                   |
| Chlorobenzene               | ++++<br>1.1272   | 1.0777<br>1.1966 | 1.1878<br>1.1554 | 1.0498<br>1.1358 | 1.1932 | Ave           |             | 1.140<br>4 |    |   | 0.5000  | 4.8          |   | 20.0                |               |   |                   |
| 1,1,1,2-Tetrachloroethane   | ++++<br>0.3775   | 0.3431<br>0.4048 | 0.3610<br>0.3975 | 0.3568<br>0.3870 | 0.3760 | Ave           |             | 0.375<br>5 |    |   |         | 5.6          |   | 20.0                |               |   |                   |
| Ethylbenzene                | ++++<br>2.0753   | 1.9671<br>2.2569 | 2.1873<br>2.1853 | 1.9605<br>2.1508 | 2.2386 | Ave           |             | 2.127<br>7 |    |   | 0.1000  | 5.4          |   | 20.0                |               |   |                   |
| m&p-Xylene                  | ++++<br>0.7926   | 0.7260<br>0.8667 | 0.8194<br>0.8378 | 0.7471<br>0.8259 | 0.8559 | Ave           |             | 0.808<br>9 |    |   | 0.1000  | 6.2          |   | 20.0                |               |   |                   |
| o-Xylene                    | ++++<br>0.7661   | 0.7044<br>0.8310 | 0.7396<br>0.8052 | 0.7029<br>0.7927 | 0.7900 | Ave           |             | 0.766<br>5 |    |   | 0.3000  | 6.1          |   | 20.0                |               |   |                   |
| Styrene                     | 1.4054<br>1.2243 | 1.0934<br>1.3207 | 1.1468<br>1.2935 | 1.0910<br>1.2722 | 1.2263 | Ave           |             | 1.230<br>4 |    |   | 0.3000  | 8.6          |   | 20.0                |               |   |                   |
| Bromoform                   | ++++<br>0.1606   | 0.1043<br>0.1780 | 0.1364<br>0.1776 | 0.1429<br>0.1772 | 0.1458 | Ave           |             | 0.152<br>8 |    |   | 0.1000  | 16.9         |   | 20.0                |               |   |                   |
| Isopropylbenzene            | ++++<br>1.8322   | 1.7439<br>2.0062 | 1.8844<br>1.9362 | 1.7148<br>1.9068 | 1.9652 | Ave           |             | 1.873<br>7 |    |   | 0.1000  | 5.5          |   | 20.0                |               |   |                   |
| 1,1,2,2-Tetrachloroethane   | ++++<br>0.4962   | 0.4859<br>0.5283 | 0.4846<br>0.5126 | 0.4718<br>0.5005 | 0.4627 | Ave           |             | 0.492<br>8 |    |   | 0.3000  | 4.3          |   | 20.0                |               |   |                   |
| Bromobenzene                | ++++<br>0.8002   | 0.7616<br>0.8544 | 0.8093<br>0.8289 | 0.7412<br>0.8136 | 0.7903 | Ave           |             | 0.799<br>9 |    |   |         | 4.5          |   | 20.0                |               |   |                   |
| trans-1,4-Dichloro-2-butene | 6.3293<br>5.8108 | 4.9867<br>7.7147 | 5.2940<br>7.3105 | 6.1660<br>6.7548 | 7.2650 | Ave           |             | 6.403<br>5 |    |   |         | 14.7         |   | 20.0                |               |   |                   |
| 1,2,3-Trichloropropane      | ++++<br>0.1302   | 0.0965<br>0.1355 | 0.1248<br>0.1336 | 0.1171<br>0.1299 | 0.1207 | Ave           |             | 0.123<br>5 |    |   |         | 10.2         |   | 20.0                |               |   |                   |

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

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                     | RRF              |                  |                  |                  |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD<br>/RSE | # | MAX<br>%RSD<br>/RSE | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|-----------------------------|------------------|------------------|------------------|------------------|--------|---------------|-------------|------------|----|---|---------|--------------|---|---------------------|---------------|---|-------------------|
|                             | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9   | LVL 5  |               | B           | M1         | M2 |   |         |              |   |                     |               |   |                   |
| N-Propylbenzene             | ++++<br>4.2964   | 4.2995<br>4.7186 | 4.2862<br>4.6081 | 4.0558<br>4.5642 | 4.7674 | Ave           |             | 4.449<br>5 |    |   |         | 5.6          |   | 20.0                |               |   |                   |
| 2-Chlorotoluene             | ++++<br>0.8533   | 0.7589<br>0.9152 | 0.8360<br>0.8896 | 0.7667<br>0.8749 | 0.9010 | Ave           |             | 0.849<br>5 |    |   |         | 7.0          |   | 20.0                |               |   |                   |
| 1,3,5-Trimethylbenzene      | ++++<br>3.0304   | 2.8437<br>3.3486 | 3.1253<br>3.2522 | 2.8095<br>3.2181 | 3.2822 | Ave           |             | 3.113<br>8 |    |   |         | 6.5          |   | 20.0                |               |   |                   |
| 4-Chlorotoluene             | ++++<br>0.8671   | 0.7406<br>0.9308 | 0.8357<br>0.8888 | 0.8071<br>0.8971 | 0.8784 | Ave           |             | 0.855<br>7 |    |   |         | 7.0          |   | 20.0                |               |   |                   |
| tert-Butylbenzene           | ++++<br>0.6985   | 0.5948<br>0.7275 | 0.6678<br>0.7377 | 0.6401<br>0.7300 | 0.7029 | Ave           |             | 0.687<br>4 |    |   |         | 7.3          |   | 20.0                |               |   |                   |
| Pentachloroethane           | 0.3085<br>0.4856 | 0.3513<br>0.5209 | 0.4397<br>0.5305 | 0.4588<br>0.5457 | 0.4359 | Ave           |             | 0.453<br>0 |    |   |         | 17.8         |   | 20.0                |               |   |                   |
| 1,2,4-Trimethylbenzene      | ++++<br>3.1195   | 2.8692<br>3.3972 | 3.1139<br>3.3039 | 2.8200<br>3.3176 | 3.3461 | Ave           |             | 3.160<br>9 |    |   |         | 7.0          |   | 20.0                |               |   |                   |
| sec-Butylbenzene            | ++++<br>3.8600   | 3.8542<br>4.2901 | 3.9608<br>4.2078 | 3.6203<br>4.1555 | 4.1549 | Ave           |             | 4.012<br>9 |    |   |         | 5.7          |   | 20.0                |               |   |                   |
| 1,3-Dichlorobenzene         | ++++<br>1.6051   | 1.4073<br>1.7293 | 1.6214<br>1.7003 | 1.4351<br>1.6854 | 1.6171 | Ave           |             | 1.600<br>1 |    |   | 0.6000  | 7.4          |   | 20.0                |               |   |                   |
| p-Isopropyltoluene          | ++++<br>3.3281   | 3.1776<br>3.7157 | 3.3909<br>3.6480 | 3.0831<br>3.6080 | 3.5570 | Ave           |             | 3.438<br>5 |    |   |         | 6.7          |   | 20.0                |               |   |                   |
| 1,4-Dichlorobenzene         | ++++<br>1.6171   | 1.6192<br>1.7257 | 1.7240<br>1.6769 | 1.4936<br>1.6704 | 1.6585 | Ave           |             | 1.648<br>2 |    |   | 0.5000  | 4.5          |   | 20.0                |               |   |                   |
| 1,2,3-Trimethylbenzene      | ++++<br>1.3237   | 1.2051<br>1.4313 | 1.3426<br>1.3806 | 1.2223<br>1.3734 | 1.3816 | Ave           |             | 1.332<br>6 |    |   |         | 6.0          |   | 20.0                |               |   |                   |
| Benzyl chloride             | ++++<br>0.1994   | 0.1470<br>0.2238 | 0.1939<br>0.2207 | 0.1719<br>0.2211 | 0.1767 | Ave           |             | 0.194<br>3 |    |   |         | 14.2         |   | 20.0                |               |   |                   |
| n-Butylbenzene              | ++++<br>1.5637   | 1.4287<br>1.7900 | 1.5250<br>1.7736 | 1.4185<br>1.7819 | 1.6851 | Ave           |             | 1.620<br>8 |    |   |         | 9.7          |   | 20.0                |               |   |                   |
| 1,2-Dichlorobenzene         | ++++<br>1.4240   | 1.2330<br>1.5242 | 1.4052<br>1.4773 | 1.2662<br>1.4603 | 1.3752 | Ave           |             | 1.395<br>7 |    |   | 0.4000  | 7.3          |   | 20.0                |               |   |                   |
| 1,2-Dibromo-3-Chloropropane | ++++<br>0.0674   | ++++<br>0.0726   | 0.0592<br>0.0717 | 0.0550<br>0.0720 | 0.0600 | Ave           |             | 0.065<br>4 |    |   | 0.0500  | 11.1         |   | 20.0                |               |   |                   |
| 1,3,5-Trichlorobenzene      | ++++<br>1.1463   | 1.0285<br>1.2867 | 1.1382<br>1.2560 | 1.0519<br>1.2622 | 1.2299 | Ave           |             | 1.175<br>0 |    |   |         | 8.4          |   | 20.0                |               |   |                   |

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

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                      | RRF              |                  |                  |                  |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD<br>/RSE | # | MAX<br>%RSD<br>/RSE | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------------|------------------|------------------|------------------|------------------|--------|---------------|-------------|------------|----|---|---------|--------------|---|---------------------|---------------|---|-------------------|
|                              | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9   | LVL 5  |               | B           | M1         | M2 |   |         |              |   |                     |               |   |                   |
| 1,2,4-Trichlorobenzene       | +++++<br>0.9352  | 0.8621<br>1.0427 | 0.9029<br>1.0186 | 0.8299<br>1.0200 | 0.9135 | Ave           |             | 0.940<br>6 |    |   | 0.2000  | 8.4          |   | 20.0                |               |   |                   |
| Hexachlorobutadiene          | +++++<br>0.4338  | 0.4572<br>0.5078 | 0.4547<br>0.5019 | 0.4072<br>0.5055 | 0.4516 | Ave           |             | 0.465<br>n |    |   |         | 7.9          |   | 20.0                |               |   |                   |
| Naphthalene                  | 1.8710<br>1.5324 | 1.4359<br>1.6415 | 1.4197<br>1.6285 | 1.3167<br>1.6256 | 1.3788 | Ave           |             | 1.538<br>q |    |   |         | 11.2         |   | 20.0                |               |   |                   |
| 1,2,3-Trichlorobenzene       | +++++<br>0.7812  | 0.6980<br>0.8525 | 0.7267<br>0.8415 | 0.6899<br>0.8494 | 0.7419 | Ave           |             | 0.772<br>7 |    |   |         | 8.8          |   | 20.0                |               |   |                   |
| Dibromofluoromethane (Surr)  | 0.2339<br>0.2319 | 0.2317<br>0.2323 | 0.2332<br>0.2332 | 0.2309<br>0.2310 | 0.2309 | Ave           |             | 0.232<br>1 |    |   |         | 0.5          |   | 20.0                |               |   |                   |
| 1,2-Dichloroethane-d4 (Surr) | 0.0420<br>0.0426 | 0.0425<br>0.0413 | 0.0424<br>0.0418 | 0.0426<br>0.0421 | 0.0416 | Ave           |             | 0.042<br>1 |    |   |         | 1.1          |   | 20.0                |               |   |                   |
| Toluene-d8 (Surr)            | 1.3883<br>1.4013 | 1.3796<br>1.3960 | 1.3906<br>1.3986 | 1.3914<br>1.3952 | 1.3793 | Ave           |             | 1.391<br>2 |    |   |         | 0.6          |   | 20.0                |               |   |                   |
| 4-Bromofluorobenzene (Surr)  | 0.5026<br>0.5006 | 0.5001<br>0.5053 | 0.5029<br>0.5006 | 0.5085<br>0.4987 | 0.5018 | Ave           |             | 0.502<br>4 |    |   |         | 0.6          |   | 20.0                |               |   |                   |

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



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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.:

Instrument ID: 19094      GC Column: R-624SilMS      ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

Calibration Files:

| LEVEL:  | LAB SAMPLE ID:     | LAB FILE ID: |
|---------|--------------------|--------------|
| Level 1 | IC 410-668589/13   | HL08X12.D    |
| Level 2 | IC 410-668589/14   | HL08X13.D    |
| Level 3 | IC 410-668589/15   | HL08X14.D    |
| Level 4 | IC 410-668589/16   | HL08X15.D    |
| Level 5 | IC 410-668589/17   | HL08X16.D    |
| Level 6 | IC 410-668589/18   | HL08X17.D    |
| Level 7 | IC 410-668589/19   | HL08X18.D    |
| Level 8 | ICIS 410-668589/20 | HL08X19.D    |
| Level 9 | IC 410-668589/21   | HL08X20.D    |

| ANALYTE                 | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                  |                  |                  |        | CONCENTRATION (UG/L) |                |                |                |       |
|-------------------------|------------|---------------|----------------|------------------|------------------|------------------|--------|----------------------|----------------|----------------|----------------|-------|
|                         |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9   | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Dichlorodifluoromethane | FB         | Ave           | 1308<br>116582 | 3816<br>302265   | 10896<br>624423  | 33444<br>1507706 | 61195  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Chloromethane           | FB         | Ave           | ++++<br>149825 | 6154<br>378525   | 16319<br>718011  | 41386<br>1830828 | 88097  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,3-Butadiene           | FB         | Ave           | ++++<br>146745 | 5132<br>385703   | 14128<br>763286  | 45900<br>1814391 | 78930  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Vinyl chloride          | FB         | Ave           | ++++<br>138881 | 4695<br>356177   | 14044<br>716713  | 39531<br>1721907 | 80555  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Bromomethane            | FB         | Ave           | ++++<br>99105  | 3254<br>252303   | 10656<br>499257  | 26674<br>1242644 | 58080  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Chloroethane            | FB         | Ave           | ++++<br>86920  | 2769<br>220980   | 9729<br>442356   | 24216<br>1113888 | 50372  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Dichlorofluoromethane   | FB         | Ave           | ++++<br>233473 | 7904<br>601105   | 24545<br>1202204 | 64284<br>2999151 | 130016 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Trichlorofluoromethane  | FB         | Ave           | 2413<br>177329 | 5683<br>458755   | 16541<br>938347  | 49879<br>2273664 | 93150  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Ethyl ether             | FB         | Ave           | ++++<br>68731  | 1326<br>182078   | 5694<br>368397   | 16510<br>922980  | 32457  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Freon 123a              | FB         | Ave           | ++++<br>135158 | 4463<br>347126   | 14258<br>711711  | 37083<br>1771846 | 71506  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Acrolein                | TBA<br>d10 | Ave           | 3792<br>455724 | 11100<br>1239479 | 42306<br>2465164 | 96203<br>5850045 | 207595 | 0.976<br>97.6        | 2.93<br>244    | 9.76<br>488    | 24.4<br>1220   | 48.8  |
| 1,1-Dichloroethene      | FB         | Ave           | ++++<br>94688  | 2731<br>253325   | 9876<br>499068   | 21810<br>1225652 | 51386  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Freon 113               | FB         | Ave           | 609<br>101399  | 2455<br>277462   | 9271<br>556026   | 22840<br>1339738 | 47770  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |

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

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

| ANALYTE                  | IS REF | CURVE TYPE | RESPONSE       |                |                  |                  |        | CONCENTRATION (UG/L) |                |                |                |       |
|--------------------------|--------|------------|----------------|----------------|------------------|------------------|--------|----------------------|----------------|----------------|----------------|-------|
|                          |        |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8   | LVL 4<br>LVL 9   | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Acetone                  | TBAd10 | Ave        | ++++<br>109794 | 4126<br>255788 | 13299<br>505514  | 25870<br>1227790 | 46047  | ++++<br>20.0         | 0.600<br>50.0  | 2.00<br>100    | 5.00<br>250    | 10.0  |
| Methyl iodide            | FB     | Ave        | ++++<br>184654 | 5034<br>493850 | 18331<br>959180  | 42979<br>2342180 | 99728  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Ethyl bromide            | FB     | Ave        | 548<br>83748   | 2230<br>222380 | 8744<br>442823   | 21619<br>1114461 | 39608  | 0.0200<br>2.00       | 0.0599<br>4.99 | 0.200<br>9.99  | 0.499<br>25.0  | 0.999 |
| Carbon disulfide         | FB     | Ave        | ++++<br>279844 | 9291<br>759245 | 29965<br>1481226 | 67533<br>3702011 | 157512 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Methyl acetate           | TBAd10 | Ave        | ++++<br>22409  | ++++<br>67190  | ++++<br>140269   | 5896<br>386860   | 10912  | ++++<br>2.00         | ++++<br>5.00   | ++++<br>10.0   | 0.500<br>25.0  | 1.00  |
| Allyl chloride           | FB     | Ave        | ++++<br>183449 | 5857<br>489873 | 20600<br>952934  | 40231<br>2383763 | 101799 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Methylene Chloride       | FB     | Ave        | ++++<br>100038 | 2958<br>266520 | 10281<br>515378  | 23348<br>1278663 | 52255  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| t-Butyl alcohol          | TBAd10 | Ave        | ++++<br>79019  | ++++<br>168309 | 7410<br>336309   | 15135<br>900300  | 24757  | ++++<br>40.0         | ++++<br>100    | 4.00<br>200    | 10.0<br>500    | 20.0  |
| Methyl tert-butyl ether  | FB     | Ave        | 2378<br>222996 | 6154<br>592543 | 22002<br>1162506 | 50040<br>2850495 | 104199 | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Acrylonitrile            | TBAd10 | Lin        | ++++<br>28916  | ++++<br>86303  | ++++<br>177072   | 1924<br>458127   | 9277   | ++++<br>5.00         | ++++<br>12.5   | ++++<br>25.0   | 1.25<br>62.5   | 2.50  |
| trans-1,2-Dichloroethene | FB     | Ave        | ++++<br>105838 | 2732<br>287503 | 10891<br>554106  | 24928<br>1379887 | 57900  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| n-Hexane                 | FB     | Ave        | 1501<br>161870 | 4700<br>446874 | 15138<br>908221  | 36866<br>2198846 | 77464  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,1-Dichloroethane       | FB     | Ave        | ++++<br>207303 | 5424<br>559328 | 20154<br>1086565 | 47580<br>2693367 | 110510 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| di-Isopropyl ether       | FB     | Ave        | ++++<br>351264 | 9696<br>938599 | 35572<br>1840317 | 79012<br>4574470 | 170834 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 2-Chloro-1,3-butadiene   | FB     | Ave        | ++++<br>179644 | 4314<br>488508 | 17900<br>959967  | 40301<br>2411612 | 95438  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Ethyl t-butyl ether      | FB     | Ave        | ++++<br>306907 | 8255<br>822765 | 30125<br>1611520 | 70319<br>3963662 | 146425 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 2-Butanone (MEK)         | TBAd10 | Ave        | ++++<br>181301 | ++++<br>521705 | 17339<br>1035047 | 41063<br>2437557 | 84562  | ++++<br>20.0         | ++++<br>50.0   | 2.00<br>100    | 5.00<br>250    | 10.0  |
| cis-1,2-Dichloroethene   | FB     | Ave        | ++++<br>119416 | 2800<br>319304 | 11873<br>618692  | 26237<br>1534308 | 61566  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |

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

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

| ANALYTE               | IS REF     | CURVE TYPE | RESPONSE       |                  |                  |                   |        | CONCENTRATION (UG/L) |                |                |                |       |
|-----------------------|------------|------------|----------------|------------------|------------------|-------------------|--------|----------------------|----------------|----------------|----------------|-------|
|                       |            |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9    | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| 2,2-Dichloropropane   | FB         | Ave        | ++++<br>176775 | 5069<br>473211   | 18843<br>927098  | 40962<br>2289186  | 96232  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Propionitrile         | TBAd1<br>0 | Ave        | ++++<br>100378 | ++++<br>247792   | ++++<br>547505   | 16007<br>1271828  | 38545  | ++++<br>40.0         | ++++<br>100    | ++++<br>200    | 10.0<br>500    | 20.0  |
| Methacrylonitrile     | TBAd1<br>0 | Ave        | ++++<br>199089 | 4500<br>553450   | 16662<br>1088759 | 40734<br>2641135  | 86632  | ++++<br>20.0         | 0.600<br>50.0  | 2.00<br>100    | 5.00<br>250    | 10.0  |
| Bromochloromethane    | FB         | Ave        | ++++<br>44691  | ++++<br>120719   | 4094<br>237208   | 10286<br>578086   | 20976  | ++++<br>2.00         | ++++<br>5.00   | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Tetrahydrofuran       | TBAd1<br>0 | Ave        | ++++<br>27680  | ++++<br>70382    | ++++<br>144123   | 5318<br>337883    | 11085  | ++++<br>10.0         | ++++<br>25.0   | ++++<br>50.0   | 2.50<br>125    | 5.00  |
| Chloroform            | FB         | Ave        | ++++<br>192868 | 5205<br>512582   | 19601<br>1002345 | 43528<br>2476585  | 99467  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,1,1-Trichloroethane | FB         | Ave        | ++++<br>173849 | 5321<br>471646   | 17929<br>926264  | 41202<br>2290094  | 92932  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Cyclohexane           | FB         | Ave        | 2772<br>210628 | 6456<br>563474   | 20145<br>1145978 | 47946<br>2790308  | 102163 | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Carbon tetrachloride  | FB         | Ave        | ++++<br>150816 | 4041<br>411604   | 14786<br>817391  | 33826<br>2038956  | 78314  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,1-Dichloropropene   | FB         | Ave        | ++++<br>164035 | 4580<br>445120   | 15668<br>880653  | 38060<br>2205717  | 86167  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Isobutyl alcohol      | TBAd1<br>0 | Ave        | ++++<br>64006  | ++++<br>149869   | 9533<br>320353   | 16101<br>840990   | 22218  | ++++<br>100          | ++++<br>250    | 10.0<br>500    | 25.0<br>1250   | 50.0  |
| Benzene               | FB         | Ave        | ++++<br>464773 | 14047<br>1238147 | 46610<br>2429128 | 101760<br>6043873 | 252625 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,2-Dichloroethane    | FB         | Ave        | ++++<br>105824 | 3493<br>284381   | 10204<br>541725  | 24134<br>1305181  | 50003  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| t-Amyl methyl ether   | FB         | Ave        | 3536<br>254992 | 6658<br>680442   | 24191<br>1335257 | 57087<br>3354384  | 119976 | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| n-Heptane             | FB         | Ave        | ++++<br>157443 | 6489<br>446501   | 16959<br>904590  | 35600<br>2217129  | 75711  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| n-Butanol             | TBAd1<br>0 | Lin        | ++++<br>89011  | ++++<br>212286   | ++++<br>485627   | 12166<br>1335228  | 19477  | ++++<br>175          | ++++<br>438    | ++++<br>875    | 43.8<br>2188   | 87.5  |
| Trichloroethene       | FB         | Ave        | ++++<br>119909 | 3623<br>324806   | 12557<br>634809  | 27316<br>1585054  | 64703  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Methylcyclohexane     | FB         | Ave        | 2561<br>203873 | 6213<br>565122   | 19474<br>1145666 | 47579<br>2811804  | 97556  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |

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

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

| ANALYTE                     | IS REF     | CURVE TYPE | RESPONSE       |                  |                  |                   |        | CONCENTRATION (UG/L) |                |                |                |       |
|-----------------------------|------------|------------|----------------|------------------|------------------|-------------------|--------|----------------------|----------------|----------------|----------------|-------|
|                             |            |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9    | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| 1,2-Dichloropropane         | FB         | Ave        | ++++<br>115250 | 2896<br>312143   | 10560<br>612112  | 26586<br>1531863  | 57558  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Methyl methacrylate         | TBAd1<br>0 | Ave        | ++++<br>37852  | ++++<br>107390   | 3174<br>218897   | 7905<br>556682    | 17132  | ++++<br>2.00         | ++++<br>5.00   | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Dibromomethane              | FB         | Ave        | ++++<br>44722  | 745<br>118264    | 4269<br>238541   | 10103<br>594857   | 20939  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,4-Dioxane                 | TBAd1<br>0 | Lin1       | ++++<br>11842  | ++++<br>21502    | ++++<br>48472    | 375<br>155644     | 1959   | ++++<br>100          | ++++<br>250    | ++++<br>500    | 25.0<br>1250   | 50.0  |
| Bromodichloromethane        | FB         | Ave        | ++++<br>128359 | 3436<br>340773   | 12364<br>680527  | 28240<br>1697281  | 62768  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 2-Nitropropane              | TBAd1<br>0 | Ave        | ++++<br>56130  | ++++<br>157146   | 7390<br>311668   | 12288<br>752379   | 25231  | ++++<br>10.0         | ++++<br>25.0   | 1.00<br>50.0   | 2.50<br>125    | 5.00  |
| 1-Bromo-2-chloroethane      | FB         | Ave        | 941<br>100571  | 3153<br>258324   | 10197<br>523216  | 25080<br>1319994  | 45636  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| cis-1,3-Dichloropropene     | FB         | Ave        | ++++<br>157614 | 3925<br>433233   | 14751<br>863378  | 34260<br>2166367  | 74455  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 4-Methyl-2-pentanone (MIBK) | TBAd1<br>0 | Ave        | 6716<br>531151 | 14864<br>1392531 | 48068<br>2766816 | 116055<br>6682936 | 236617 | 0.200<br>20.0        | 0.600<br>50.0  | 2.00<br>100    | 5.00<br>250    | 10.0  |
| Toluene                     | CBZd5      | Ave        | ++++<br>292117 | 8467<br>782001   | 28809<br>1523359 | 65671<br>3811666  | 155904 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| trans-1,3-Dichloropropene   | CBZd5      | Ave        | ++++<br>120041 | 2833<br>333398   | 11519<br>664468  | 24503<br>1688774  | 53505  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Ethyl methacrylate          | CBZd5      | Ave        | ++++<br>89339  | 1672<br>242524   | 8114<br>480377   | 17938<br>1208466  | 37170  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,1,2-Trichloroethane       | CBZd5      | Ave        | 812<br>63106   | 1778<br>169067   | 6443<br>332280   | 14835<br>835586   | 29430  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Tetrachloroethene           | CBZd5      | Ave        | ++++<br>134794 | 3909<br>369012   | 14008<br>725515  | 31216<br>1795563  | 74060  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,3-Dichloropropane         | CBZd5      | Ave        | 1281<br>114638 | 2789<br>310635   | 10576<br>609210  | 25777<br>1524489  | 55118  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 2-Hexanone                  | TBAd1<br>0 | Ave        | ++++<br>349222 | 11341<br>949481  | 30093<br>1897130 | 65862<br>4662358  | 151274 | ++++<br>20.0         | 0.600<br>50.0  | 2.00<br>100    | 5.00<br>250    | 10.0  |
| Dibromochloromethane        | CBZd5      | Ave        | 962<br>82477   | 1759<br>218816   | 7519<br>442033   | 18274<br>1110083  | 37944  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,2-Dibromoethane (EDB)     | CBZd5      | Ave        | 520<br>59928   | 1467<br>159363   | 5033<br>319837   | 13209<br>800536   | 27393  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |

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

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

| ANALYTE                     | IS REF      | CURVE TYPE | RESPONSE       |                  |                  |                   |        | CONCENTRATION (UG/L) |                |                |                |       |
|-----------------------------|-------------|------------|----------------|------------------|------------------|-------------------|--------|----------------------|----------------|----------------|----------------|-------|
|                             |             |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3<br>LVL 8   | LVL 4<br>LVL 9    | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| 1-Chlorohexane              | CBZd5       | Ave        | ++++<br>163848 | 7873<br>450650   | 18699<br>886843  | 40837<br>2197487  | 85990  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Chlorobenzene               | CBZd5       | Ave        | ++++<br>309505 | 8606<br>825184   | 31907<br>1613732 | 70237<br>4024592  | 162377 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,1,1,2-Tetrachloroethane   | CBZd5       | Ave        | ++++<br>103655 | 2740<br>279129   | 9697<br>555115   | 23870<br>1371335  | 51167  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Ethylbenzene                | CBZd5       | Ave        | ++++<br>569846 | 15708<br>1556361 | 58754<br>3052167 | 131172<br>7621052 | 304640 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| m&p-Xylene                  | CBZd5       | Ave        | ++++<br>435268 | 11594<br>1195288 | 44021<br>2340303 | 99969<br>5852696  | 232944 | ++++<br>4.00         | 0.120<br>10.0  | 0.400<br>20.0  | 1.00<br>50.0   | 2.00  |
| o-Xylene                    | CBZd5       | Ave        | ++++<br>210355 | 5625<br>573083   | 19867<br>1124598 | 47027<br>2808980  | 107510 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Styrene                     | CBZd5       | Ave        | 3742<br>336167 | 8731<br>910777   | 30805<br>1806603 | 72995<br>4508023  | 166885 | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Bromoform                   | CBZd5       | Ave        | ++++<br>44093  | 833<br>122749    | 3664<br>248060   | 9558<br>627770    | 19846  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Isopropylbenzene            | CBZd5       | Ave        | ++++<br>503108 | 13925<br>1383452 | 50618<br>2704279 | 114730<br>6756743 | 267430 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,1,2,2-Tetrachloroethane   | DCBd4       | Ave        | ++++<br>75701  | 2155<br>202504   | 7205<br>397340   | 17617<br>985125   | 34943  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Bromobenzene                | DCBd4       | Ave        | ++++<br>122079 | 3378<br>327504   | 12032<br>642588  | 27678<br>1601513  | 59684  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| trans-1,4-Dichloro-2-butene | TBA d1<br>0 | Ave        | 1864<br>203233 | 4801<br>555194   | 17609<br>1108654 | 44577<br>2786924  | 94191  | 0.200<br>20.0        | 0.600<br>50.0  | 2.00<br>100    | 5.00<br>250    | 10.0  |
| 1,2,3-Trichloropropane      | DCBd4       | Ave        | ++++<br>19860  | 428<br>51950     | 1856<br>103598   | 4374<br>255677    | 9112   | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| N-Propylbenzene             | DCBd4       | Ave        | ++++<br>655502 | 19070<br>1808682 | 63725<br>3572093 | 151451<br>8983978 | 360035 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 2-Chlorotoluene             | DCBd4       | Ave        | ++++<br>130193 | 3366<br>350817   | 12429<br>689581  | 28630<br>1722075  | 68043  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,3,5-Trimethylbenzene      | DCBd4       | Ave        | ++++<br>462350 | 12613<br>1283556 | 46466<br>2521045 | 104912<br>6334320 | 247870 | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 4-Chlorotoluene             | DCBd4       | Ave        | ++++<br>132295 | 3285<br>356779   | 12425<br>688971  | 30138<br>1765816  | 66335  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| tert-Butylbenzene           | DCBd4       | Ave        | ++++<br>106575 | 2638<br>278845   | 9928<br>571835   | 23903<br>1436811  | 53085  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Pentachloroethane           | DCBd4       | Ave        | 454<br>74092   | 1558<br>199649   | 6538<br>411223   | 17133<br>1074097  | 32920  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,2,4-Trimethylbenzene      | DCBd4       | Ave        | ++++           | 12726            | 46296            | 105302            | 252696 | ++++                 | 0.0600         | 0.200          | 0.500          | 1.00  |

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.:

Instrument ID: 19094      GC Column: R-624SilMS      ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                      | IS REF | CURVE TYPE | RESPONSE           |                    |                    |                    |         | CONCENTRATION (UG/L) |                |                |                |       |
|------------------------------|--------|------------|--------------------|--------------------|--------------------|--------------------|---------|----------------------|----------------|----------------|----------------|-------|
|                              |        |            | LVL 1<br>LVL 6     | LVL 2<br>LVL 7     | LVL 3<br>LVL 8     | LVL 4<br>LVL 9     | LVL 5   | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
|                              |        |            | 475939             | 1302169            | 2561134            | 6530111            |         | 2.00                 | 5.00           | 10.0           | 25.0           |       |
| sec-Butylbenzene             | DCBd4  | Ave        | ++++<br>588910     | 17095<br>1644421   | 58887<br>3261820   | 135188<br>8179372  | 313774  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,3-Dichlorobenzene          | DCBd4  | Ave        | ++++<br>244888     | 6242<br>662850     | 24106<br>1318028   | 53587<br>3317384   | 122123  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| p-Isopropyltoluene           | DCBd4  | Ave        | ++++<br>507767     | 14094<br>1424244   | 50415<br>2827837   | 115129<br>7101704  | 268626  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,4-Dichlorobenzene          | DCBd4  | Ave        | ++++<br>246726     | 7182<br>661485     | 25632<br>1299870   | 55773<br>3287920   | 125248  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,2,3-Trimethylbenzene       | DCBd4  | Ave        | ++++<br>201953     | 5345<br>548633     | 19961<br>1070213   | 45642<br>2703402   | 104340  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Benzyl chloride              | DCBd4  | Ave        | ++++<br>30421      | 652<br>85767       | 2883<br>171072     | 6418<br>435250     | 13343   | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| n-Butylbenzene               | DCBd4  | Ave        | ++++<br>238574     | 6337<br>686136     | 22673<br>1374829   | 52968<br>3507357   | 127261  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,2-Dichlorobenzene          | DCBd4  | Ave        | ++++<br>217259     | 5469<br>584222     | 20892<br>1145202   | 47281<br>2874314   | 103857  | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,2-Dibromo-3-Chloropropane  | DCBd4  | Ave        | ++++<br>10280      | ++++<br>27817      | 880<br>55579       | 2053<br>141763     | 4528    | ++++<br>2.00         | ++++<br>5.00   | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,3,5-Trichlorobenzene       | DCBd4  | Ave        | ++++<br>174896     | 4562<br>493194     | 16922<br>973645    | 39280<br>2484502   | 92882   | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,2,4-Trichlorobenzene       | DCBd4  | Ave        | ++++<br>142676     | 3824<br>399683     | 13424<br>789615    | 30990<br>2007740   | 68985   | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Hexachlorobutadiene          | DCBd4  | Ave        | ++++<br>66184      | 2028<br>194652     | 6760<br>389062     | 15207<br>995050    | 34103   | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Naphthalene                  | DCBd4  | Ave        | 2753<br>233797     | 6369<br>629216     | 21107<br>1262412   | 49166<br>3199809   | 104127  | 0.0200<br>2.00       | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| 1,2,3-Trichlorobenzene       | DCBd4  | Ave        | ++++<br>119192     | 3096<br>326758     | 10805<br>652335    | 25762<br>1671921   | 56030   | ++++<br>2.00         | 0.0600<br>5.00 | 0.200<br>10.0  | 0.500<br>25.0  | 1.00  |
| Dibromofluoromethane (Surr)  | FB     | Ave        | 428541<br>444972   | 424242<br>449518   | 431324<br>457348   | 429583<br>458587   | 437313  | 10.0<br>10.0         | 10.0<br>10.0   | 10.0<br>10.0   | 10.0<br>10.0   | 10.0  |
| 1,2-Dichloroethane-d4 (Surr) | FB     | Ave        | 76858<br>81800     | 77896<br>79921     | 78343<br>82019     | 79218<br>83477     | 78724   | 10.0<br>10.0         | 10.0<br>10.0   | 10.0<br>10.0   | 10.0<br>10.0   | 10.0  |
| Toluene-d8 (Surr)            | CBZd5  | Ave        | 1848290<br>1923949 | 1836061<br>1925363 | 1867719<br>1953391 | 1861945<br>1977484 | 1877074 | 10.0<br>10.0         | 10.0<br>10.0   | 10.0<br>10.0   | 10.0<br>10.0   | 10.0  |
| 4-Bromofluorobenzene (Surr)  | CBZd5  | Ave        | 669168<br>687274   | 665620<br>696910   | 675483<br>699215   | 680449<br>706803   | 682936  | 10.0<br>10.0         | 10.0<br>10.0   | 10.0<br>10.0   | 10.0<br>10.0   | 10.0  |

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

Lab Name: Eurofins Lancaster Laboratories                      Job No.: 410-243359-1                      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

Curve Type Legend:

|                           |
|---------------------------|
| Ave = Average ISTD        |
| Lin = Linear ISTD         |
| Lin1 = Linear 1/conc ISTD |

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.:

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

Calibration Files:

| LEVEL:  | LAB SAMPLE ID:     | LAB FILE ID: |
|---------|--------------------|--------------|
| Level 1 | IC 410-668589/13   | HL08X12.D    |
| Level 2 | IC 410-668589/14   | HL08X13.D    |
| Level 3 | IC 410-668589/15   | HL08X14.D    |
| Level 4 | IC 410-668589/16   | HL08X15.D    |
| Level 5 | IC 410-668589/17   | HL08X16.D    |
| Level 6 | IC 410-668589/18   | HL08X17.D    |
| Level 7 | IC 410-668589/19   | HL08X18.D    |
| Level 8 | ICIS 410-668589/20 | HL08X19.D    |
| Level 9 | IC 410-668589/21   | HL08X20.D    |

| ANALYTE                 | PERCENT ERROR |               |               |         |         |         | PERCENT ERROR LIMIT |          |          |       |       |       |
|-------------------------|---------------|---------------|---------------|---------|---------|---------|---------------------|----------|----------|-------|-------|-------|
|                         | LVL 1 #       | LVL 2 #       | LVL 3 #       | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1               | LVL 2    | LVL 3    | LVL 4 | LVL 5 | LVL 6 |
|                         | LVL 7 #       | LVL 8 #       | LVL 9 #       |         |         |         | LVL 7               | LVL 8    | LVL 9    |       |       |       |
| Dichlorodifluoromethane | 10.0<br>-3.7  | 7.1<br>-1.9   | -9.2<br>-6.3  | 10.8    | -0.4    | -6.4    | 50<br>30            | 30<br>30 | 30<br>30 | 30    | 30    | 30    |
| Chloromethane           | ++++<br>-8.7  | 30.7<br>-14.6 | 2.9<br>-13.9  | 3.8     | 8.6     | -8.9    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| 1,3-Butadiene           | ++++<br>-3.2  | 13.4<br>-5.5  | -7.3<br>-11.2 | 19.8    | 1.2     | -7.2    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Vinyl chloride          | ++++<br>-5.0  | 10.3<br>-5.7  | -2.0<br>-10.4 | 9.7     | 9.8     | -6.6    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Bromomethane            | ++++<br>-5.3  | 7.6<br>-7.5   | 4.7<br>-9.0   | 4.2     | 11.4    | -6.2    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Chloroethane            | ++++<br>-6.1  | 3.6<br>-7.3   | 8.1<br>-7.7   | 7.0     | 9.3     | -6.9    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Dichlorofluoromethane   | ++++<br>-4.6  | 10.5<br>-5.8  | 1.9<br>-7.1   | 6.2     | 5.5     | -6.5    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Trichlorofluoromethane  | 31.0<br>-5.7  | 2.9<br>-4.8   | -11.0<br>-8.8 | 6.7     | -2.1    | -8.1    | 50<br>30            | 30<br>30 | 30<br>30 | 30    | 30    | 30    |
| Ethyl ether             | ++++<br>10.3  | -29.2<br>10.1 | -9.8<br>9.0   | 4.1     | 0.5     | 5.0     | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Freon 123a              | ++++<br>-4.3  | 8.4<br>-3.2   | 2.8<br>-4.7   | 6.4     | 0.7     | -6.0    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Acrolein                | -8.8<br>21.9  | -18.4<br>15.1 | -10.0<br>0.4  | -5.8    | 13.4    | -7.8    | 50<br>30            | 30<br>30 | 30<br>30 | 30    | 30    | 30    |
| 1,1-Dichloroethene      | ++++<br>3.1   | -2.1<br>0.2   | 5.1<br>-2.7   | -7.6    | 6.9     | -2.8    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Freon 113               | -33.3<br>15.1 | -10.3<br>13.8 | 0.6<br>8.4    | -1.4    | 1.2     | 6.0     | 50<br>30            | 30<br>30 | 30<br>30 | 30    | 30    | 30    |
| Acetone                 | ++++<br>0.1   | 20.7<br>-6.2  | 12.6<br>-16.2 | 0.7     | 0.0     | -11.6   | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |



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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                  | PERCENT ERROR      |                    |                    |         |         |         | PERCENT ERROR LIMIT |                |                |       |       |       |
|--------------------------|--------------------|--------------------|--------------------|---------|---------|---------|---------------------|----------------|----------------|-------|-------|-------|
|                          | LVL 1 #<br>LVL 7 # | LVL 2 #<br>LVL 8 # | LVL 3 #<br>LVL 9 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2<br>LVL 8 | LVL 3<br>LVL 9 | LVL 4 | LVL 5 | LVL 6 |
| Methyl iodide            | ++++<br>4.8        | -5.9<br>0.4        | 1.8<br>-3.1        | -5.1    | 8.2     | -1.2    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Ethyl bromide            | -30.2<br>7.2       | -5.3<br>5.3        | 10.3<br>4.8        | 8.5     | -2.4    | 1.8     | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| Carbon disulfide         | ++++<br>0.8        | 8.6<br>-3.0        | 4.0<br>-4.2        | -6.7    | 6.8     | -6.3    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Methyl acetate           | ++++<br>10.0       | ++++<br>8.9        | ++++<br>10.4       | -3.9    | -0.9    | -24.5   | 30                  | 30             | 30             | 50    | 30    | 30    |
| Allyl chloride           | ++++<br>1.0        | 6.3<br>-3.1        | 11.1<br>-4.2       | -13.7   | 7.2     | -4.6    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Methylene Chloride       | ++++<br>3.4        | 1.1<br>-1.3        | 4.3<br>-3.2        | -5.7    | 3.6     | -2.1    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| t-Butyl alcohol          | ++++<br>7.5        | ++++<br>1.9        | 2.4<br>0.3         | -3.8    | -12.2   | 3.9     | 30                  | 30             | 50<br>30       | 30    | 30    | 30    |
| Methyl tert-butyl ether  | 11.2<br>4.9        | -4.0<br>1.5        | 1.9<br>-1.6        | -7.8    | -5.7    | -0.4    | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| Acrylonitrile            | ++++<br>9.7        | ++++<br>5.1        | ++++<br>-1.0       | -39.8   | -18.4   | -17.7   | 30                  | 30             | 30             | 50    | 30    | 30    |
| trans-1,2-Dichloroethene | ++++<br>5.6        | -11.6<br>0.4       | 4.7<br>-1.1        | -4.7    | 8.7     | -2.0    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| n-Hexane                 | -4.0<br>8.2        | 0.2<br>8.5         | -4.1<br>3.8        | -7.1    | -4.2    | -1.2    | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,1-Dichloroethane       | ++++<br>6.3        | -9.2<br>1.9        | 0.2<br>-0.1        | -5.9    | 7.3     | -0.6    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| di-Isopropyl ether       | ++++<br>5.7        | -3.8<br>2.2        | 4.8<br>0.5         | -7.4    | -1.7    | -0.2    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 2-Chloro-1,3-butadiene   | ++++<br>7.4        | -16.5<br>4.1       | 2.9<br>3.3         | -7.9    | 7.2     | -0.5    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Ethyl t-butyl ether      | ++++<br>6.9        | -5.6<br>3.3        | 2.3<br>0.4         | -5.0    | -2.8    | 0.5     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 2-Butanone (MEK)         | ++++<br>19.2       | ++++<br>12.2       | -14.3<br>-2.9      | -6.6    | 7.2     | -14.8   | 30                  | 30             | 50<br>30       | 30    | 30    | 30    |
| cis-1,2-Dichloroethene   | ++++<br>7.8        | -16.7<br>3.0       | 4.8<br>1.0         | -7.8    | 6.2     | 1.7     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 2,2-Dichloropropane      | ++++<br>2.9        | -2.9<br>-0.6       | 7.1<br>-3.0        | -7.3    | 6.9     | -3.1    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Propionitrile            | ++++<br>13.6       | ++++<br>19.1       | ++++<br>1.7        | -27.0   | -2.0    | -5.3    | 30                  | 30             | 30             | 50    | 30    | 30    |
| Methacrylonitrile        | ++++<br>25.7       | -23.6<br>17.3      | -18.2<br>4.6       | -7.9    | 9.2     | -7.0    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE               | PERCENT ERROR      |                    |                    |         |         |         | PERCENT ERROR LIMIT |                |                |       |       |       |
|-----------------------|--------------------|--------------------|--------------------|---------|---------|---------|---------------------|----------------|----------------|-------|-------|-------|
|                       | LVL 1 #<br>LVL 7 # | LVL 2 #<br>LVL 8 # | LVL 3 #<br>LVL 9 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2<br>LVL 8 | LVL 3<br>LVL 9 | LVL 4 | LVL 5 | LVL 6 |
| Bromochloromethane    | ++++<br>7.7        | ++++<br>4.4        | -4.4<br>0.6        | -4.5    | -4.4    | 0.6     | 30                  | 30             | 50<br>30       | 30    | 30    | 30    |
| Tetrahydrofuran       | ++++<br>14.4       | ++++<br>11.2       | ++++<br>-4.2       | -14.0   | 0.0     | -7.4    | 30                  | 30             | 30             | 50    | 30    | 30    |
| Chloroform            | ++++<br>4.9        | -6.2<br>1.2        | 4.9<br>-1.1        | -7.3    | 4.0     | -0.5    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,1,1-Trichloroethane | ++++<br>3.2        | 2.6<br>0.0         | 2.7<br>-2.2        | -6.2    | 3.9     | -4.0    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Cyclohexane           | 30.4<br>0.4        | 1.3<br>0.7         | -6.1<br>-3.1       | -11.1   | -7.0    | -5.4    | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| Carbon tetrachloride  | ++++<br>6.7        | -7.8<br>4.5        | 0.2<br>3.0         | -8.8    | 3.7     | -1.5    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,1-Dichloropropene   | ++++<br>5.6        | -4.3<br>3.0        | -2.8<br>2.0        | -6.1    | 4.4     | -1.9    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Isobutyl alcohol      | ++++<br>-2.0       | ++++<br>-0.6       | 34.9<br>-4.0       | 4.8     | -19.3   | -13.9   | 30                  | 30             | 50<br>30       | 30    | 30    | 30    |
| Benzene               | ++++<br>3.3        | 3.2<br>-0.1        | 1.7<br>-1.7        | -11.7   | 7.6     | -2.3    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,2-Dichloroethane    | ++++<br>5.6        | 14.2<br>-0.7       | -0.9<br>-5.5       | -6.7    | -5.1    | -0.9    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| t-Amyl methyl ether   | 40.2<br>2.1        | -12.0<br>-1.1      | -5.0<br>-1.8       | -10.8   | -8.0    | -3.5    | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| n-Heptane             | ++++<br>2.2        | 30.8<br>2.2        | 1.6<br>-1.0        | -15.2   | -11.4   | -9.1    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| n-Butanol             | ++++<br>-2.2       | ++++<br>1.3        | ++++<br>-0.1       | 34.0    | -12.9   | -2.0    | 30                  | 30             | 30             | 50    | 30    | 30    |
| Trichloroethene       | ++++<br>3.5        | 1.6<br>-0.3        | 4.6<br>-1.6        | -9.5    | 5.3     | -3.7    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Methylcyclohexane     | 23.7<br>3.4        | 0.1<br>3.4         | -6.8<br>0.3        | -9.4    | -8.8    | -5.9    | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,2-Dichloropropane   | ++++<br>8.3        | -11.5<br>4.8       | -4.2<br>3.7        | -4.0    | 2.1     | 0.8     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Methyl methacrylate   | ++++<br>19.6       | ++++<br>15.7       | -23.5<br>8.1       | -12.4   | 5.9     | -13.3   | 30                  | 30             | 50<br>30       | 30    | 30    | 30    |
| Dibromomethane        | ++++<br>10.8       | -38.5<br>10.2      | 4.6<br>8.7         | -1.5    | 0.2     | 5.6     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,4-Dioxane           | ++++<br>-9.4       | ++++<br>-8.5       | ++++<br>4.3        | 9.3     | -11.4   | 15.7    | 30                  | 30             | 30             | 50    | 30    | 30    |
| Bromodichloromethane  | ++++<br>6.0        | -5.9<br>4.4        | 0.6<br>3.0         | -8.6    | -0.2    | 0.7     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                     | PERCENT ERROR      |                    |                    |         |         |         | PERCENT ERROR LIMIT |                |                |       |       |       |
|-----------------------------|--------------------|--------------------|--------------------|---------|---------|---------|---------------------|----------------|----------------|-------|-------|-------|
|                             | LVL 1 #<br>LVL 7 # | LVL 2 #<br>LVL 8 # | LVL 3 #<br>LVL 9 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2<br>LVL 8 | LVL 3<br>LVL 9 | LVL 4 | LVL 5 | LVL 6 |
| 2-Nitropropane              | ++++<br>12.9       | ++++<br>6.3        | 14.9<br>-5.7       | -12.1   | 0.6     | -17.0   | 30                  | 30             | 50<br>30       | 30    | 30    | 30    |
| 1-Bromo-2-chloroethane      | -3.4<br>0.5        | 8.0<br>0.4         | 3.7<br>0.1         | 1.5     | -9.3    | -1.4    | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| cis-1,3-Dichloropropene     | ++++<br>10.1       | -12.1<br>8.3       | -1.9<br>7.4        | -9.4    | -3.3    | 1.0     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 4-Methyl-2-pentanone (MIBK) | 31.6<br>11.7       | -10.9<br>5.3       | -16.6<br>-6.5      | -7.4    | 5.3     | -12.4   | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| Toluene                     | ++++<br>5.2        | -1.6<br>1.2        | -0.5<br>-0.2       | -9.0    | 6.3     | -1.3    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| trans-1,3-Dichloropropene   | ++++<br>13.2       | -16.9<br>11.4      | 0.4<br>11.6        | -14.2   | -7.9    | 2.4     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Ethyl methacrylate          | ++++<br>16.5       | -30.6<br>13.9      | 0.1<br>13.0        | -11.2   | -9.5    | 7.8     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,1,2-Trichloroethane       | 27.4<br>2.4        | -7.0<br>-0.6       | 0.2<br>-1.5        | -7.4    | -9.6    | -4.0    | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| Tetrachloroethene           | ++++<br>5.1        | -3.9<br>2.0        | 2.4<br>-0.5        | -8.4    | 6.9     | -3.6    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,3-Dichloropropane         | 15.5<br>8.1        | -16.1<br>4.7       | -5.5<br>3.3        | -7.5    | -2.8    | 0.2     | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| 2-Hexanone                  | ++++<br>19.1       | 6.4<br>13.0        | -18.3<br>2.0       | -17.7   | 5.4     | -9.8    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Dibromochloromethane        | 22.2<br>7.3        | -25.5<br>7.0       | -5.3<br>6.0        | -7.6    | -5.7    | 1.6     | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,2-Dibromoethane (EDB)     | -6.0<br>11.3       | -11.6<br>10.3      | -9.8<br>8.8        | -5.0    | -3.1    | 5.1     | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1-Chlorohexane              | ++++<br>-3.7       | 45.3<br>-6.4       | 2.6<br>-8.6        | -10.1   | -6.9    | -12.1   | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Chlorobenzene               | ++++<br>4.9        | -5.5<br>1.3        | 4.2<br>-0.4        | -8.0    | 4.6     | -1.2    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,1,1,2-Tetrachloroethane   | ++++<br>7.8        | -8.6<br>5.9        | -3.8<br>3.1        | -5.0    | 0.1     | 0.5     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Ethylbenzene                | ++++<br>6.1        | -7.5<br>2.7        | 2.8<br>1.1         | -7.9    | 5.2     | -2.5    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| m&p-Xylene                  | ++++<br>7.1        | -10.3<br>3.6       | 1.3<br>2.1         | -7.6    | 5.8     | -2.0    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| o-Xylene                    | ++++<br>8.4        | -8.1<br>5.0        | -3.5<br>3.4        | -8.3    | 3.1     | -0.1    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Styrene                     | 14.2<br>7.3        | -11.1<br>5.1       | -6.8<br>3.4        | -11.3   | -0.3    | -0.5    | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                     | PERCENT ERROR      |                    |                    |         |         |         | PERCENT ERROR LIMIT |                |                |       |       |       |
|-----------------------------|--------------------|--------------------|--------------------|---------|---------|---------|---------------------|----------------|----------------|-------|-------|-------|
|                             | LVL 1 #<br>LVL 7 # | LVL 2 #<br>LVL 8 # | LVL 3 #<br>LVL 9 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2<br>LVL 8 | LVL 3<br>LVL 9 | LVL 4 | LVL 5 | LVL 6 |
| Bromoform                   | ++++<br>16.5       | -31.7<br>16.2      | -10.8<br>15.9      | -6.5    | -4.6    | 5.1     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Isopropylbenzene            | ++++<br>7.1        | -6.9<br>3.3        | 0.6<br>1.8         | -8.5    | 4.9     | -2.2    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,1,2,2-Tetrachloroethane   | ++++<br>7.2        | -1.4<br>4.0        | -1.7<br>1.6        | -4.3    | -6.1    | 0.7     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Bromobenzene                | ++++<br>6.8        | -4.8<br>3.6        | 1.2<br>1.7         | -7.3    | -1.2    | 0.0     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| trans-1,4-Dichloro-2-butene | -1.2<br>20.5       | -22.1<br>14.2      | -17.3<br>5.5       | -3.7    | 13.5    | -9.3    | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,2,3-Trichloropropane      | ++++<br>9.7        | -21.9<br>8.2       | 1.0<br>5.1         | -5.2    | -2.3    | 5.4     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| N-Propylbenzene             | ++++<br>6.0        | -3.4<br>3.6        | -3.7<br>2.6        | -8.8    | 7.1     | -3.4    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 2-Chlorotoluene             | ++++<br>7.7        | -10.7<br>4.7       | -1.6<br>3.0        | -9.7    | 6.1     | 0.5     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,3,5-Trimethylbenzene      | ++++<br>7.5        | -8.7<br>4.4        | 0.4<br>3.4         | -9.8    | 5.4     | -2.7    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 4-Chlorotoluene             | ++++<br>8.8        | -13.4<br>3.9       | -2.3<br>4.8        | -5.7    | 2.7     | 1.3     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| tert-Butylbenzene           | ++++<br>5.8        | -13.5<br>7.3       | -2.9<br>6.2        | -6.9    | 2.3     | 1.6     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Pentachloroethane           | -31.9<br>15.0      | -22.5<br>17.1      | -2.9<br>20.5       | 1.3     | -3.8    | 7.2     | 50<br>30            | 30<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,2,4-Trimethylbenzene      | ++++<br>7.5        | -9.2<br>4.5        | -1.5<br>5.0        | -10.8   | 5.9     | -1.3    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| sec-Butylbenzene            | ++++<br>6.9        | -4.0<br>4.9        | -1.3<br>3.6        | -9.8    | 3.5     | -3.8    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,3-Dichlorobenzene         | ++++<br>8.1        | -12.0<br>6.3       | 1.3<br>5.3         | -10.3   | 1.1     | 0.3     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| p-Isopropyltoluene          | ++++<br>8.1        | -7.6<br>6.1        | -1.4<br>4.9        | -10.3   | 3.4     | -3.2    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,4-Dichlorobenzene         | ++++<br>4.7        | -1.8<br>1.7        | 4.6<br>1.3         | -9.4    | 0.6     | -1.9    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| 1,2,3-Trimethylbenzene      | ++++<br>7.4        | -9.6<br>3.6        | 0.8<br>3.1         | -8.3    | 3.7     | -0.7    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| Benzyl chloride             | ++++<br>15.2       | -24.3<br>13.6      | -0.2<br>13.8       | -11.5   | -9.1    | 2.6     | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |
| n-Butylbenzene              | ++++<br>10.4       | -11.9<br>9.4       | -5.9<br>9.9        | -12.5   | 4.0     | -3.5    | 30                  | 50<br>30       | 30<br>30       | 30    | 30    | 30    |

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

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1      Analy Batch No.: 668589  
Environment Testing, LLC

SDG No.:

Instrument ID: 19094      GC Column: R-624SilMS 3 ID: 0.25 (mm)      Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17      Calibration End Date: 07/09/2025 07:02      Calibration ID: 74555

| ANALYTE                      | PERCENT ERROR |              |              |         |         |         | PERCENT ERROR LIMIT |          |          |       |       |       |
|------------------------------|---------------|--------------|--------------|---------|---------|---------|---------------------|----------|----------|-------|-------|-------|
|                              | LVL 1 #       | LVL 2 #      | LVL 3 #      | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1               | LVL 2    | LVL 3    | LVL 4 | LVL 5 | LVL 6 |
|                              | LVL 7 #       | LVL 8 #      | LVL 9 #      |         |         |         | LVL 7               | LVL 8    | LVL 9    |       |       |       |
| 1,2-Dichlorobenzene          | ++++<br>9.2   | -11.7<br>5.9 | 0.7<br>4.6   | -9.3    | -1.5    | 2.0     | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| 1,2-Dibromo-3-Chloropropane  | ++++<br>11.0  | ++++<br>9.6  | -9.5<br>10.1 | -15.9   | -8.3    | 3.0     | 30                  | 30<br>30 | 50<br>30 | 30    | 30    | 30    |
| 1,3,5-Trichlorobenzene       | ++++<br>9.5   | -12.5<br>6.9 | -3.1<br>7.4  | -10.5   | 4.7     | -2.4    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| 1,2,4-Trichlorobenzene       | ++++<br>10.9  | -8.3<br>8.3  | -4.0<br>8.4  | -11.8   | -2.9    | -0.6    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Hexachlorobutadiene          | ++++<br>9.2   | -1.7<br>7.9  | -2.2<br>8.7  | -12.4   | -2.9    | -6.7    | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Naphthalene                  | 21.6<br>6.7   | -6.7<br>5.8  | -7.7<br>5.6  | -14.4   | -10.4   | -0.4    | 50<br>30            | 30<br>30 | 30<br>30 | 30    | 30    | 30    |
| 1,2,3-Trichlorobenzene       | ++++<br>10.3  | -9.7<br>8.9  | -5.9<br>9.9  | -10.7   | -4.0    | 1.1     | 30                  | 50<br>30 | 30<br>30 | 30    | 30    | 30    |
| Dibromofluoromethane (Surr)  | 0.8<br>0.1    | -0.2<br>0.5  | 0.5<br>-0.5  | -0.5    | -0.5    | -0.1    | 50<br>30            | 30<br>30 | 30<br>30 | 30    | 30    | 30    |
| 1,2-Dichloroethane-d4 (Surr) | -0.3<br>-1.9  | 1.1<br>-0.7  | 0.6<br>-0.1  | 1.2     | -1.2    | 1.3     | 50<br>30            | 30<br>30 | 30<br>30 | 30    | 30    | 30    |
| Toluene-d8 (Surr)            | -0.2<br>0.3   | -0.8<br>0.5  | 0.0<br>0.3   | 0.0     | -0.9    | 0.7     | 50<br>30            | 30<br>30 | 30<br>30 | 30    | 30    | 30    |
| 4-Bromofluorobenzene (Surr)  | 0.1<br>0.6    | -0.4<br>-0.3 | 0.1<br>-0.7  | 1.2     | -0.1    | -0.4    | 50<br>30            | 30<br>30 | 30<br>30 | 30    | 30    | 30    |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
 Lims ID: IC std1 0.02  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 09-Jul-2025 04:17:30 ALS Bottle#: 12 Worklist Smp#: 13  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-013  
 Misc. Info.: IC STD1 0.02  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 16:04:43 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 01:13:52

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.806     | 1.831         | -0.025        | 30 | 1308     | 0.0200       | 0.0220         |       |
| 5 Chloromethane                     | 50  | 2.001     | 2.013         | -0.012        | 95 | 5977     | 0.0200       | 0.0761         |       |
| 7 Butadiene                         | 39  | 2.093     | 2.105         | -0.012        | 85 | 2674     | 0.0200       | 0.0354         |       |
| 6 Vinyl chloride                    | 62  | 2.105     | 2.123         | -0.018        | 96 | 3765     | 0.0200       | 0.0530         |       |
| 9 Bromomethane                      | 94  | 2.385     | 2.391         | -0.006        | 1  | 3181     | 0.0200       | 0.0631         | M     |
| 10 Chloroethane                     | 64  | 2.465     | 2.477         | -0.012        | 1  | 2691     | 0.0200       | 0.0604         |       |
| 11 Dichlorofluoromethane            | 67  | 2.678     | 2.690         | -0.012        | 94 | 7614     | 0.0200       | 0.0638         |       |
| 12 Trichlorofluoromethane           | 101 | 2.678     | 2.788         | -0.110        | 1  | 2413     | 0.0200       | 0.0262         | M     |
| 14 Ethyl ether                      | 59  |           | 2.971         |               |    |          | ND           | ND             |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.038     | 3.050         | -0.012        | 1  | 2955     | 0.0200       | 0.0430         |       |
| 16 Acrolein                         | 56  | 3.221     | 3.117         | 0.104         | 23 | 3792     | 0.9759       | 0.8895         | M     |
| 17 1,1-Dichloroethene               | 96  | 3.239     | 3.251         | -0.012        | 93 | 2423     | 0.0200       | 0.0521         |       |
| 19 Acetone                          | 43  |           | 3.275         |               |    |          | 0.2000       | ND             |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.275     | 3.294         | -0.019        | 1  | 609      | 0.0200       | 0.0133         | M     |
| 21 Iodomethane                      | 142 | 3.422     | 3.434         | -0.012        | 97 | 5897     | 0.0200       | 0.0661         |       |
| 22 Ethyl bromide                    | 108 | 3.452     | 3.458         | -0.006        | 24 | 548      | 0.0200       | 0.0139         | M     |
| 23 Carbon disulfide                 | 76  | 3.538     | 3.531         | 0.007         | 99 | 10099    | 0.0200       | 0.0708         | M     |
| 24 Methyl acetate                   | 43  |           | 3.660         |               |    |          | ND           | ND             | U     |
| 26 3-Chloro-1-propene               | 41  | 3.696     | 3.684         | 0.012         | 86 | 8700     | 0.0200       | 0.0947         |       |
| 27 Methylene Chloride               | 84  | 3.849     | 3.855         | -0.006        | 77 | 2803     | 0.0200       | 0.0574         |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.849     | 3.891         | -0.042        | 97 | 73626    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  |           | 3.995         |               |    |          | ND           | ND             |       |
| 31 Acrylonitrile                    | 53  |           | 4.184         |               |    |          | ND           | ND             |       |
| 32 Methyl tert-butyl ether          | 73  | 4.196     | 4.214         | -0.018        | 56 | 2378     | 0.0200       | 0.0222         |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.245     | 4.239         | 0.006         | 97 | 3142     | 0.0200       | 0.0610         |       |
| 34 Hexane                           | 57  | 4.647     | 4.659         | -0.012        | 10 | 1501     | 0.0200       | 0.0192         |       |
| 36 1,1-Dichloroethane               | 63  | 4.891     | 4.891         | 0.000         | 89 | 6159     | 0.0200       | 0.0619         |       |
| 37 Isopropyl ether                  | 45  | 4.952     | 4.952         | 0.000         | 76 | 7059     | 0.0200       | 0.0420         |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 5.013     | 5.001         | 0.012         | 7  | 3992     | 0.0200       | 0.0463         |       |
| 40 Tert-butyl ethyl ether           | 59  | 5.495     | 5.495         | 0.001         | 86 | 4990     | 0.0200       | 0.0342         |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  |           | 5.690         |               |    |          | ND           | ND             | U     |
| 42 cis-1,2-Dichloroethene          | 96  | 5.757     | 5.732         | 0.025         | 79 | 3089     | 0.0200       | 0.0551         |       |
| 43 2,2-Dichloropropane             | 77  | 5.744     | 5.744         | 0.000         | 73 | 4741     | 0.0200       | 0.0544         |       |
| 44 Propionitrile                   | 54  |           | 5.775         |               |    |          | ND           | ND             |       |
| 47 Methacrylonitrile               | 67  |           | 5.988         |               |    |          | 0.2000       | ND             |       |
| 48 Chlorobromomethane              | 128 |           | 6.068         |               |    |          | ND           | ND             |       |
| 49 Tetrahydrofuran                 | 71  |           | 6.080         |               |    |          | ND           | ND             |       |
| S 46 1,2-Dichloroethene, Total     | 100 |           |               |               | 0  |          |              | 0.1161         |       |
| 50 Chloroform                      | 83  | 6.214     | 6.226         | -0.012        | 88 | 5660     | 0.0200       | 0.0612         |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.433     | 6.446         | -0.013        | 94 | 428541   | 10.0         | 10.1           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.452     | 6.458         | -0.006        | 84 | 4664     | 0.0200       | 0.0539         |       |
| 54 Cyclohexane                     | 56  | 6.555     | 6.561         | -0.006        | 74 | 2772     | 0.0200       | 0.0261         |       |
| 56 Carbon tetrachloride            | 117 | 6.665     | 6.677         | -0.012        | 80 | 3019     | 0.0200       | 0.0413         |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.677         | 0.000         | 87 | 3734     | 0.0200       | 0.0468         |       |
| 57 Isobutyl alcohol                | 41  | 6.824     | 6.824         | 0.000         | 1  | 908      | 1.00         | 1.45           |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 77 | 76858    | 10.0         | 9.97           |       |
| 59 Benzene                         | 78  | 6.933     | 6.939         | -0.006        | 92 | 14215    | 0.0200       | 0.0626         |       |
| 60 1,2-Dichloroethane              | 62  | 7.006     | 7.006         | 0.000         | 1  | 1828     | 0.0200       | 0.0359         |       |
| 63 Tert-amyl methyl ether          | 73  | 7.128     | 7.141         | -0.013        | 95 | 3536     | 0.0200       | 0.0280         |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.354         | -0.012        | 99 | 1832045  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 60 | 3169     | 0.0200       | 0.0383         |       |
| 67 n-Butanol                       | 56  |           | 7.732         |               |    |          | ND           | ND             |       |
| 68 Trichloroethene                 | 95  | 7.848     | 7.842         | 0.006         | 94 | 3759     | 0.0200       | 0.0632         |       |
| 69 Methylcyclohexane               | 83  | 8.153     | 8.159         | -0.006        | 56 | 2561     | 0.0200       | 0.0247         |       |
| 70 1,2-Dichloropropane             | 63  | 8.171     | 8.177         | -0.006        | 71 | 2720     | 0.0200       | 0.0499         |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.201     | 8.195         | 0.006         | 87 | 3232     | 0.0200       | 0.0391         |       |
| 72 Methyl methacrylate             | 69  |           | 8.268         |               |    |          | ND           | ND             |       |
| 73 1,4-Dioxane                     | 88  |           | 8.287         |               |    |          | ND           | ND             |       |
| 74 Dibromomethane                  | 93  |           | 8.287         |               |    |          | ND           | ND             |       |
| 76 Dichlorobromomethane            | 83  | 8.537     | 8.531         | 0.007         | 89 | 2489     | 0.0200       | 0.0409         | M     |
| 77 2-Nitropropane                  | 41  | 8.811     | 8.793         | 0.018         | 46 | 1862     | 0.1000       | 0.3270         | M     |
| 79 1-Bromo-2-chloroethane          | 63  | 8.951     | 8.927         | 0.024         | 1  | 941      | 0.0200       | 0.0193         |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.116     | 9.097         | 0.019         | 84 | 3023     | 0.0200       | 0.0406         | M     |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.305     | 9.280         | 0.025         | 86 | 6716     | 0.2000       | 0.2632         | M     |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94 | 1848290  | 10.0         | 9.98           |       |
| 84 Toluene                         | 92  | 9.512     | 9.506         | 0.006         | 95 | 9137     | 0.0200       | 0.0637         |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.786         |               |    |          | ND           | ND             | U     |
| 104 Ethyl methacrylate             | 69  |           | 9.860         |               |    |          | ND           | ND             | U     |
| 106 1,1,2-Trichloroethane          | 97  | 10.000    | 10.000        | 0.000         | 1  | 812      | 0.0200       | 0.0255         |       |
| S 105 1,3-Dichloropropene, Total   | 100 |           |               |               | 0  |          |              | 0.0406         |       |
| 107 Tetrachloroethene              | 166 | 10.091    | 10.091        | 0.000         | 93 | 3845     | 0.0200       | 0.0567         |       |
| 108 1,3-Dichloropropane            | 76  | 10.177    | 10.164        | 0.013         | 84 | 1281     | 0.0200       | 0.0231         |       |
| 109 2-Hexanone                     | 43  | 10.268    | 10.219        | 0.049         | 32 | 5438     | 0.2000       | 0.3335         | M     |
| 111 Chlorodibromomethane           | 129 | 10.396    | 10.390        | 0.006         | 77 | 962      | 0.0200       | 0.0244         |       |
| 112 Ethylene Dibromide             | 107 | 10.518    | 10.500        | 0.018         | 2  | 520      | 0.0200       | 0.0188         |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.951        | -0.006        | 87 | 1331318  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.957    | 10.963        | -0.006        | 55 | 6362     | 0.0200       | 0.0704         | M     |
| 115 Chlorobenzene                  | 112 | 10.981    | 10.975        | 0.006         | 92 | 8792     | 0.0200       | 0.0579         |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.060        | 0.001         | 40 | 2094     | 0.0200       | 0.0419         |       |
| 117 Ethylbenzene                   | 91  | 11.073    | 11.067        | 0.006         | 98 | 13973    | 0.0200       | 0.0493         |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.195    | 11.189        | 0.006         | 99 | 12209    | 0.0400       | 0.1134         |       |
| S 118 Xylenes, Total               | 106 |           |               |               | 0  |          |              | 0.1682         |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 120 o-Xylene                       | 106 | 11.524    | 11.518        | 0.006         | 96 | 5600     | 0.0200       | 0.0549         |       |
| 121 Styrene                        | 104 | 11.560    | 11.536        | 0.024         | 89 | 3742     | 0.0200       | 0.0228         | M     |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          | ND           | ND             |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 96 | 14053    | 0.0200       | 0.0563         |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 91 | 669168   | 10.0         | 10.0           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.079        |               |    |          | ND           | ND             |       |
| 128 Bromobenzene                   | 156 | 12.091    | 12.091        | 0.000         | 96 | 2667     | 0.0200       | 0.0453         |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.127    | 12.103        | 0.024         | 82 | 1864     | 0.2000       | 0.1977         |       |
| 130 1,2,3-Trichloropropane         | 110 |           | 12.121        |               |    |          | ND           | ND             |       |
| 131 N-Propylbenzene                | 91  | 12.170    | 12.164        | 0.006         | 99 | 17829    | 0.0200       | 0.0545         |       |
| 132 2-Chlorotoluene                | 126 | 12.237    | 12.237        | 0.000         | 95 | 3518     | 0.0200       | 0.0563         |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.304    | 12.304        | 0.000         | 94 | 13125    | 0.0200       | 0.0573         |       |
| 134 4-Chlorotoluene                | 126 | 12.335    | 12.329        | 0.006         | 97 | 3203     | 0.0200       | 0.0509         |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 92 | 2597     | 0.0200       | 0.0514         |       |
| 136 Pentachloroethane              | 167 | 12.572    | 12.572        | 0.000         | 1  | 454      | 0.0200       | 0.0136         |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.591    | 12.585        | 0.006         | 97 | 12888    | 0.0200       | 0.0554         |       |
| 138 sec-Butylbenzene               | 105 | 12.713    | 12.707        | 0.006         | 94 | 14211    | 0.0200       | 0.0481         |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.816    | 12.804        | 0.012         | 96 | 6096     | 0.0200       | 0.0518         |       |
| 140 4-Isopropyltoluene             | 119 | 12.822    | 12.822        | 0.000         | 97 | 12812    | 0.0200       | 0.0506         |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 95 | 735717   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 85 | 6492     | 0.0200       | 0.0535         |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.896    | 12.889        | 0.007         | 93 | 5439     | 0.0200       | 0.0555         |       |
| 144 Benzyl chloride                | 126 |           | 12.956        |               |    |          | ND           | ND             |       |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 93 | 6907     | 0.0200       | 0.0466         |       |
| 146 n-Butylbenzene                 | 92  | 13.115    | 13.115        | 0.000         | 95 | 4896     | 0.0200       | 0.0411         |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.152    | 13.139        | 0.013         | 94 | 4416     | 0.0200       | 0.0430         |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 |           | 13.688        |               |    |          | ND           | ND             |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.822    | 13.816        | 0.006         | 95 | 4542     | 0.0200       | 0.0525         |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.249    | 14.237        | 0.012         | 89 | 2862     | 0.0200       | 0.0414         |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 88 | 1652     | 0.0200       | 0.0483         |       |
| 153 Naphthalene                    | 128 | 14.432    | 14.414        | 0.018         | 89 | 2753     | 0.0200       | 0.0243         |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.560    | 14.560        | 0.000         | 93 | 2079     | 0.0200       | 0.0366         |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

U - Marked Undetected

### Reagents:

MSV\_LL\_GAS826\_00279

Amount Added: 0.40

Units: uL

MSV\_LL\_#1\_826\_00171

Amount Added: 0.40

Units: uL

MSV\_LL\_#2\_826\_00185

Amount Added: 0.40

Units: uL

MSV\_LLcentISS\_00016

Amount Added: 5.00

Units: uL

Run Reagent



Report Date: 16-Jul-2025 16:04:44

Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D

Injection Date: 09-Jul-2025 04:17:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: IC std1 0.02

Worklist Smp#: 13

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

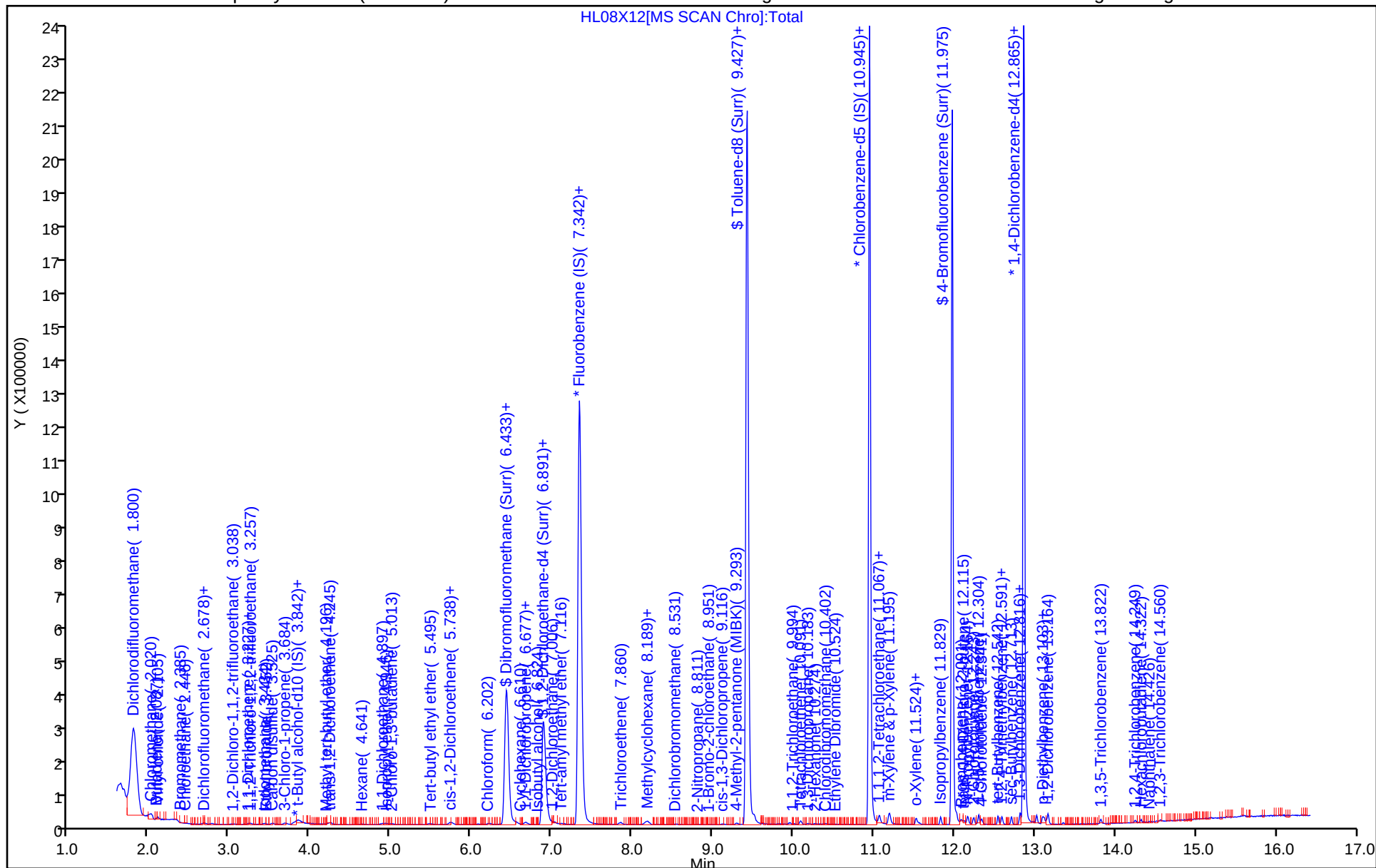
ALS Bottle#: 12

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

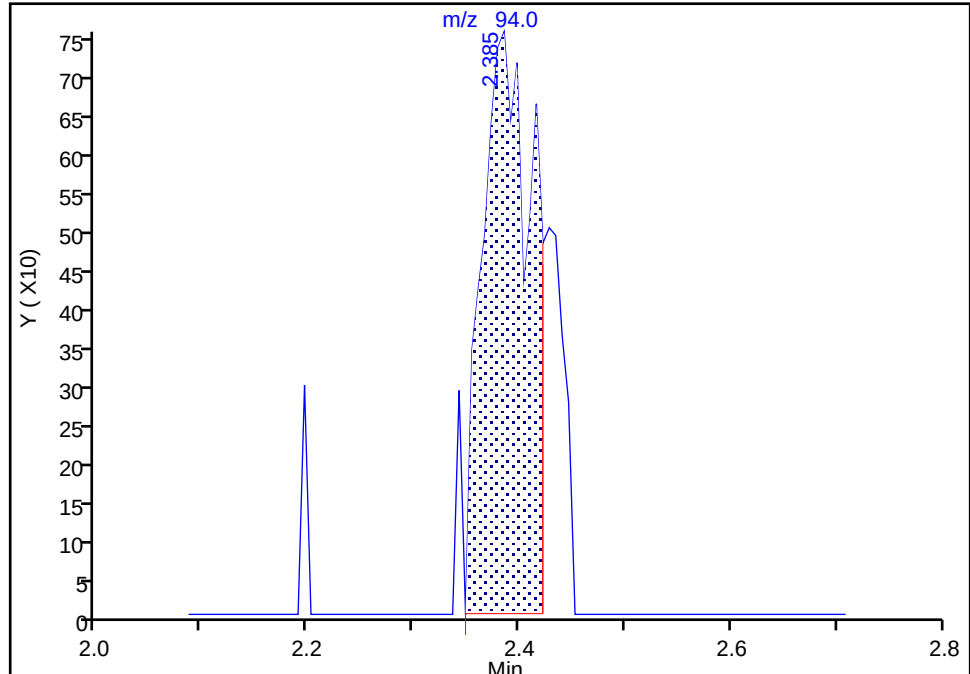
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

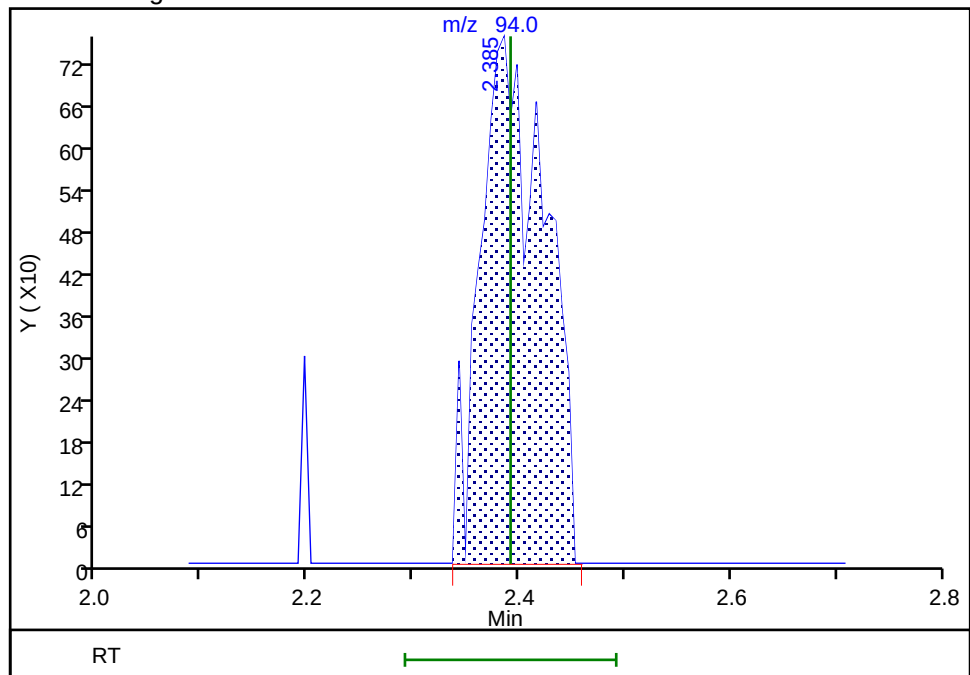
RT: 2.39  
Area: 2481  
Amount: 0.052060  
Amount Units: ug/l

## Processing Integration Results



RT: 2.39  
Area: 3181  
Amount: 0.063094  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:09:34 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

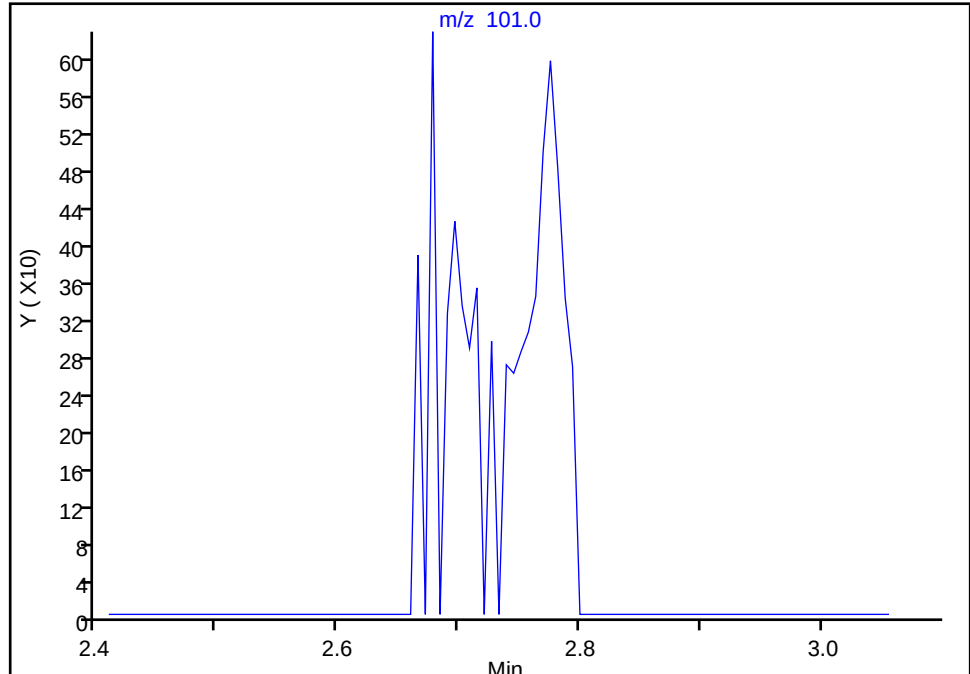
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**12 Trichlorofluoromethane, CAS: 75-69-4**

Signal: 1

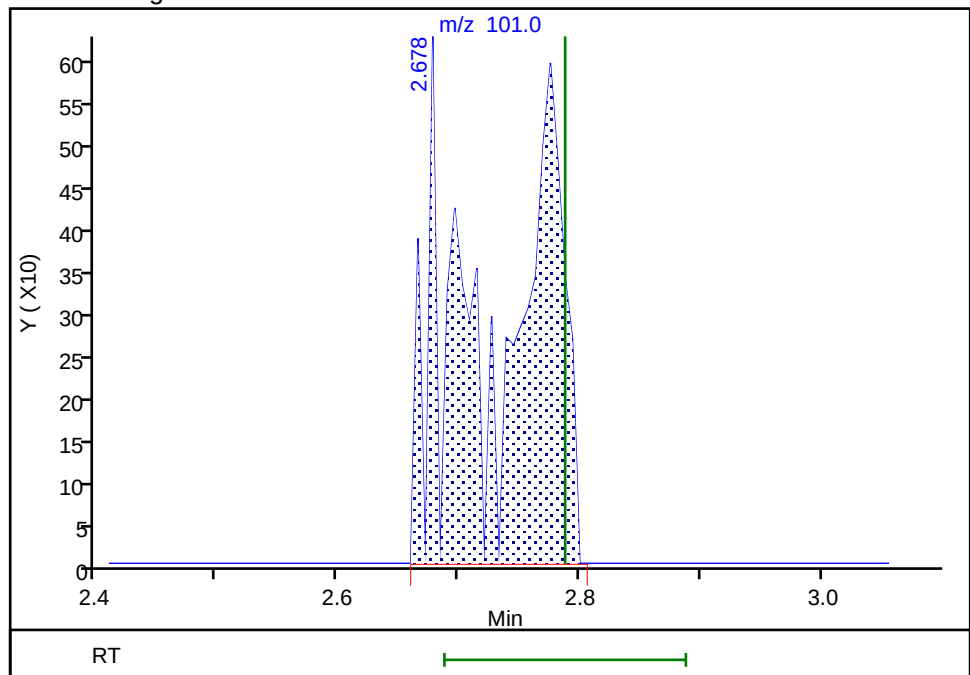
Not Detected  
Expected RT: 2.79

## Processing Integration Results



RT: 2.68  
Area: 2413  
Amount: 0.026204  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:09:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

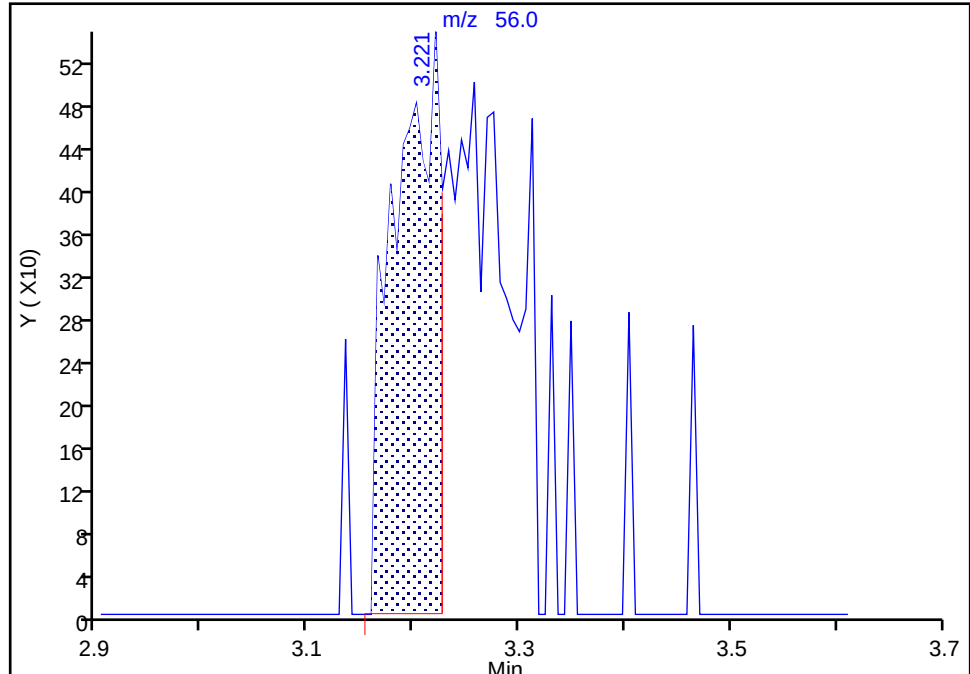
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**16 Acrolein, CAS: 107-02-8**

Signal: 1

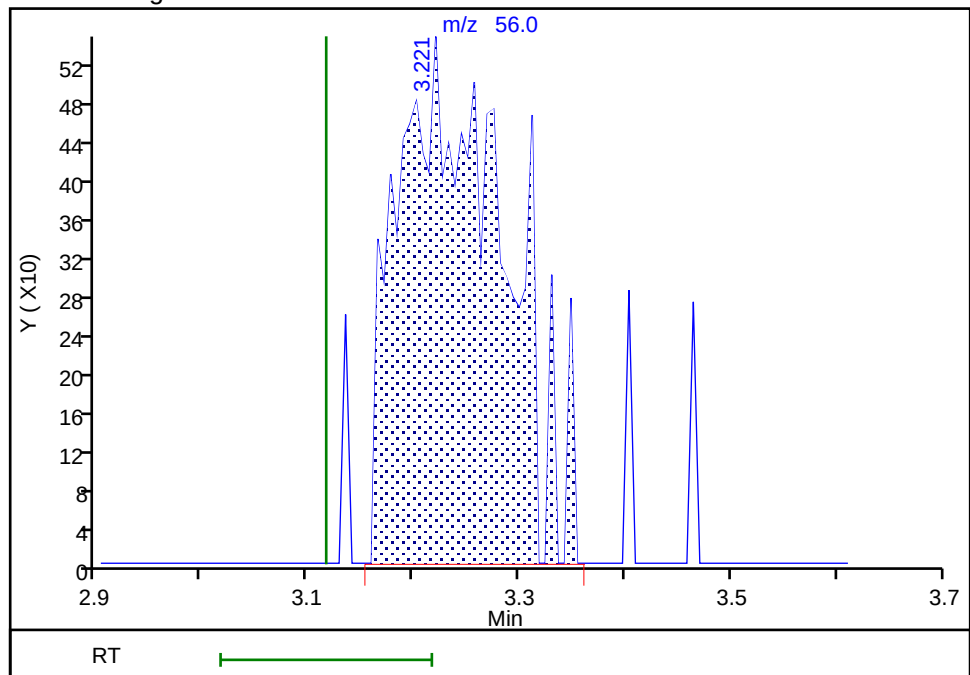
RT: 3.22  
Area: 1643  
Amount: 1.092740  
Amount Units: ug/l

## Processing Integration Results



RT: 3.22  
Area: 3792  
Amount: 0.889541  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:10:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

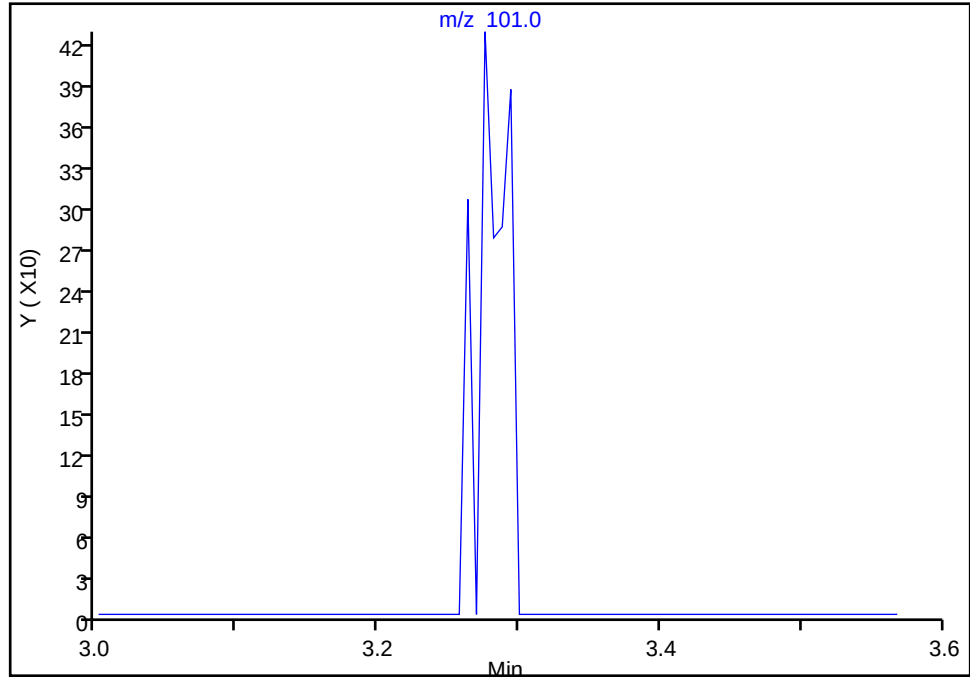
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

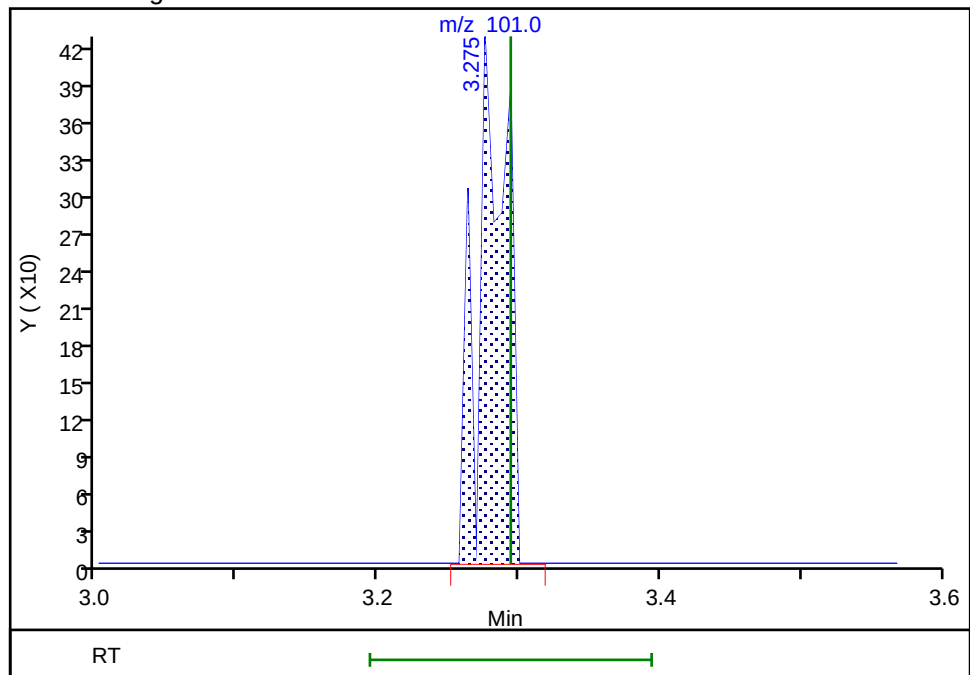
Not Detected  
Expected RT: 3.29

## Processing Integration Results



RT: 3.28  
Area: 609  
Amount: 0.013342  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:10:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

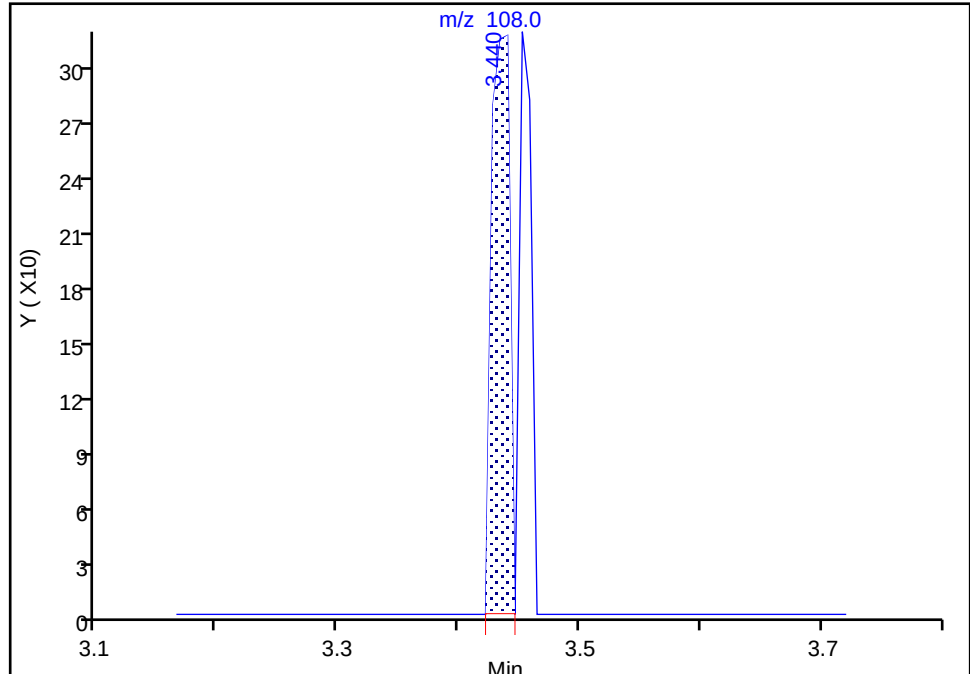
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**22 Ethyl bromide, CAS: 74-96-4**

Signal: 1

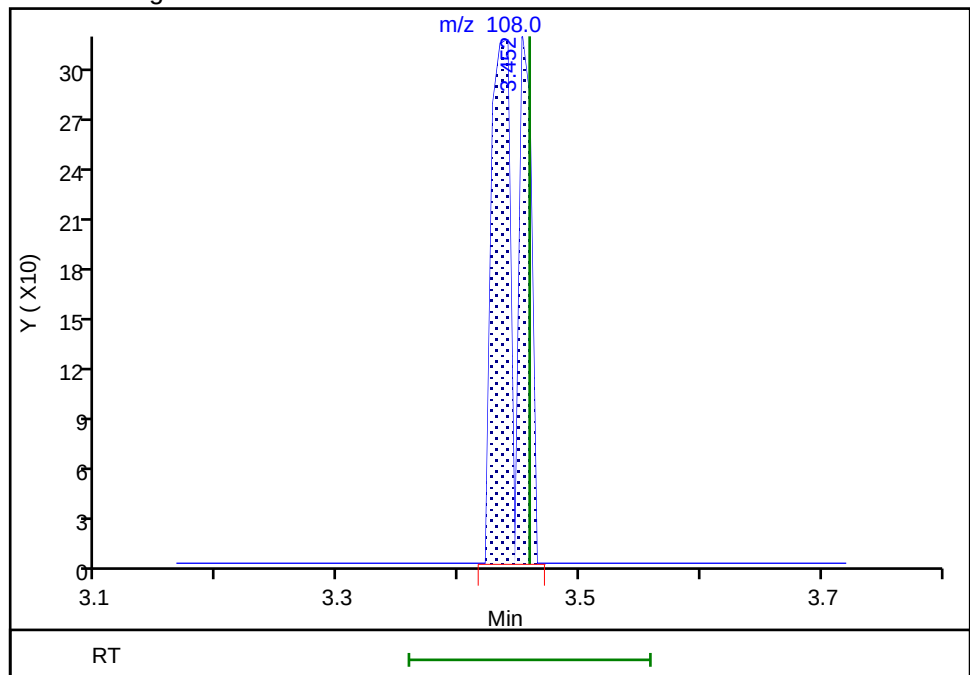
RT: 3.44  
Area: 330  
Amount: 0.019326  
Amount Units: ug/l

## Processing Integration Results



RT: 3.45  
Area: 548  
Amount: 0.013943  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:10:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

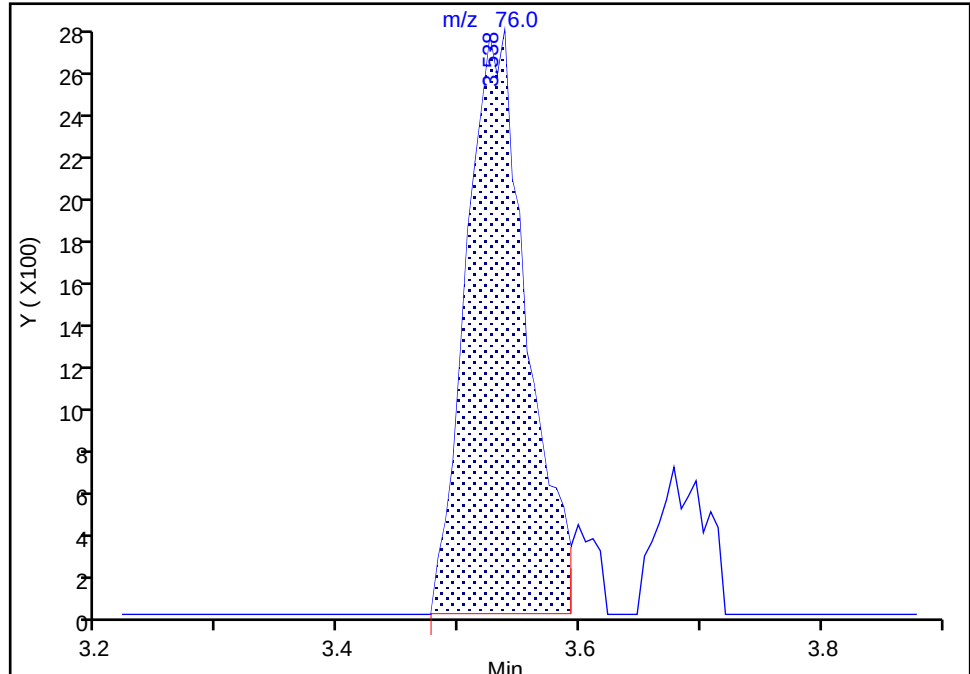
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**23 Carbon disulfide, CAS: 75-15-0**

Signal: 1

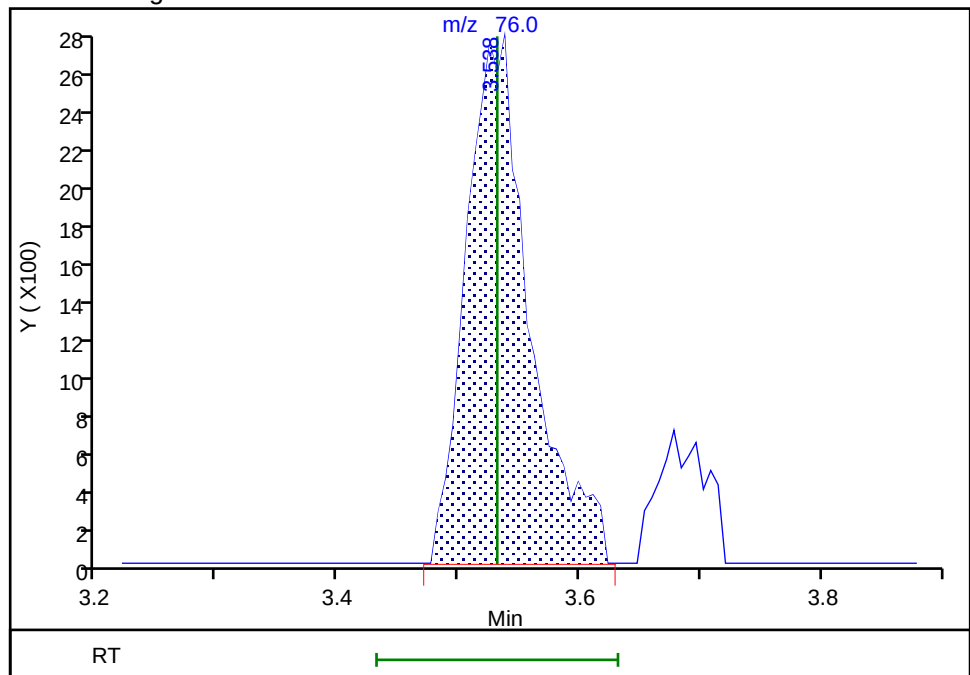
RT: 3.54  
Area: 9579  
Amount: 0.056114  
Amount Units: ug/l

## Processing Integration Results



RT: 3.54  
Area: 10099  
Amount: 0.070805  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:10:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

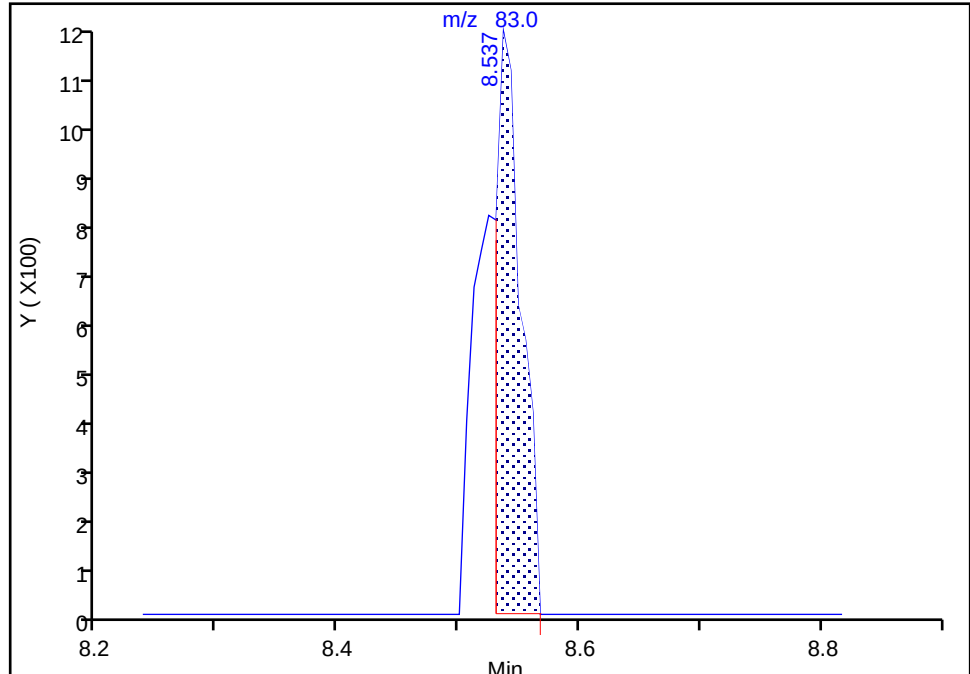
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**76 Dichlorobromomethane, CAS: 75-27-4**

Signal: 1

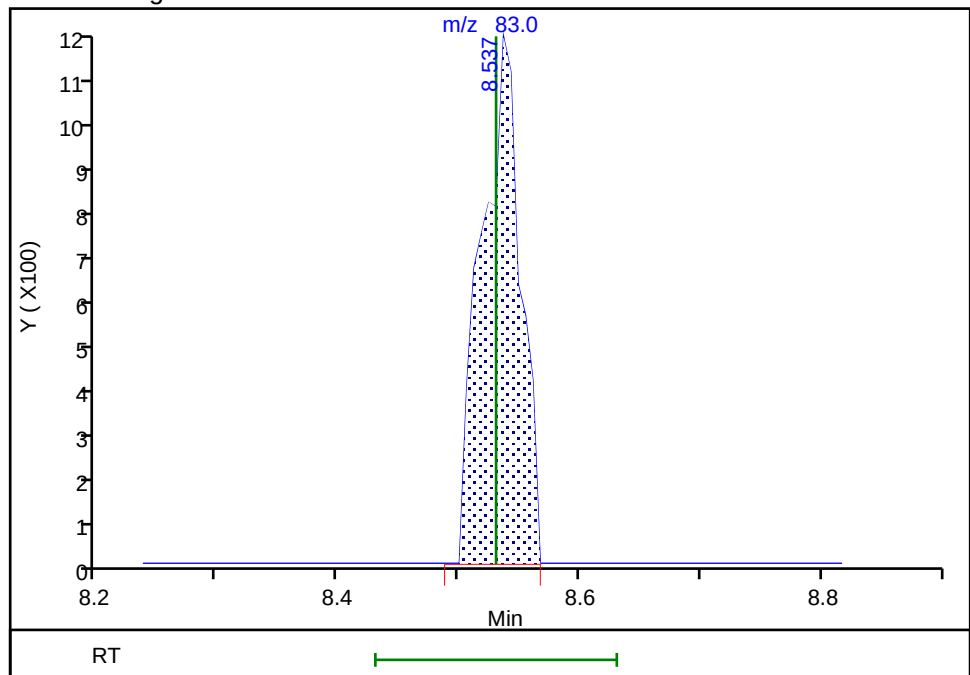
RT: 8.54  
Area: 1599  
Amount: 0.025389  
Amount Units: ug/l

## Processing Integration Results



RT: 8.54  
Area: 2489  
Amount: 0.040898  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:11:56 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D

Injection Date: 09-Jul-2025 04:17:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: gaw91131

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group:

MSV - 8260C\_D

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

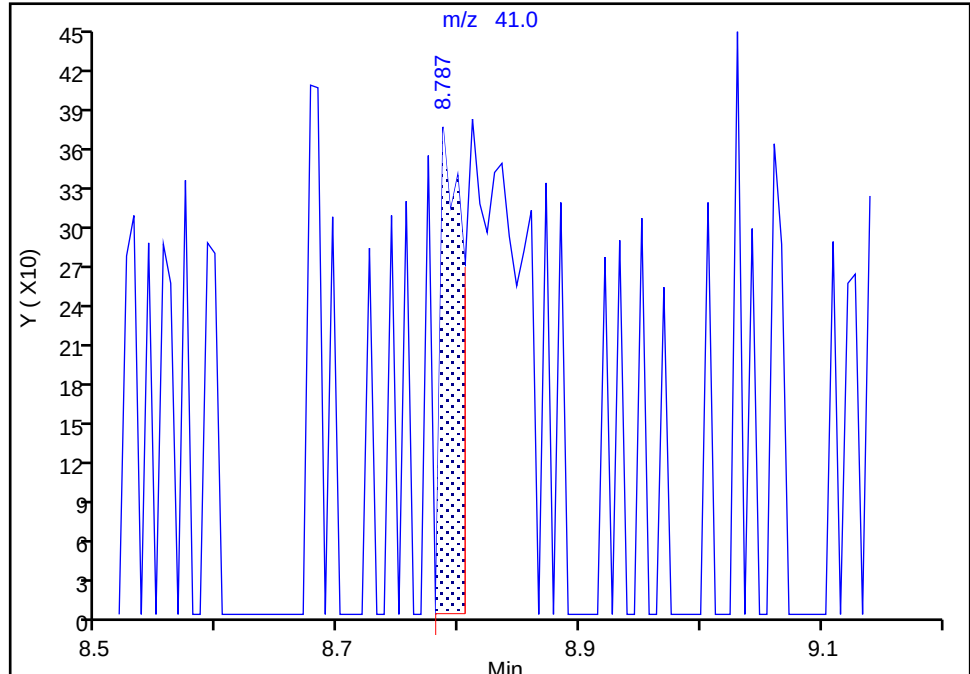
MS Quad

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

Signal: 1

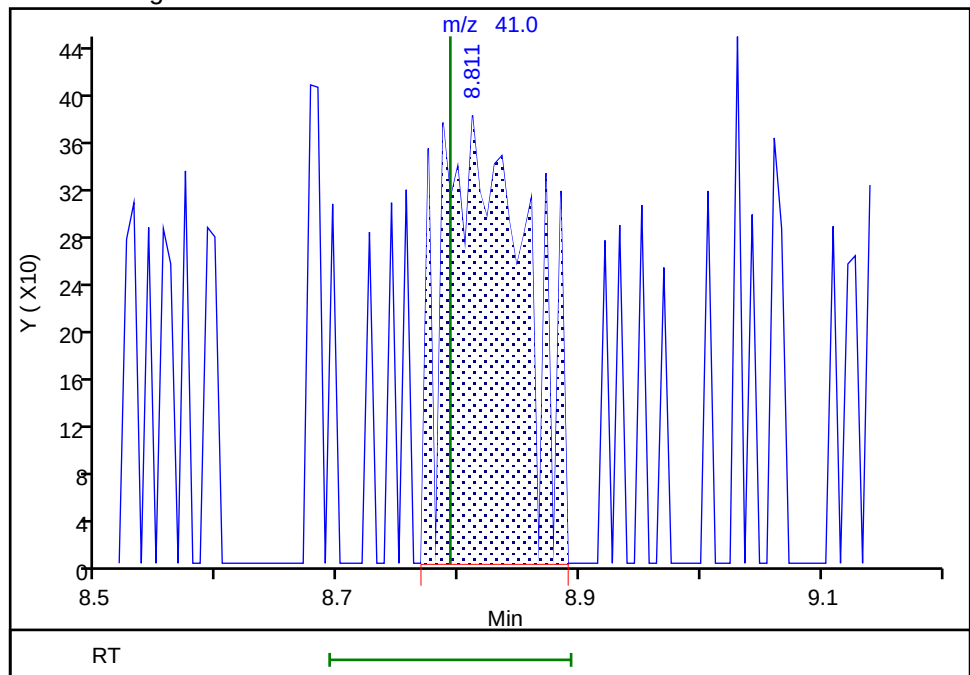
RT: 8.79  
Area: 471  
Amount: 0.097767  
Amount Units: ug/l

## Processing Integration Results



RT: 8.81  
Area: 1862  
Amount: 0.326992  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:12:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

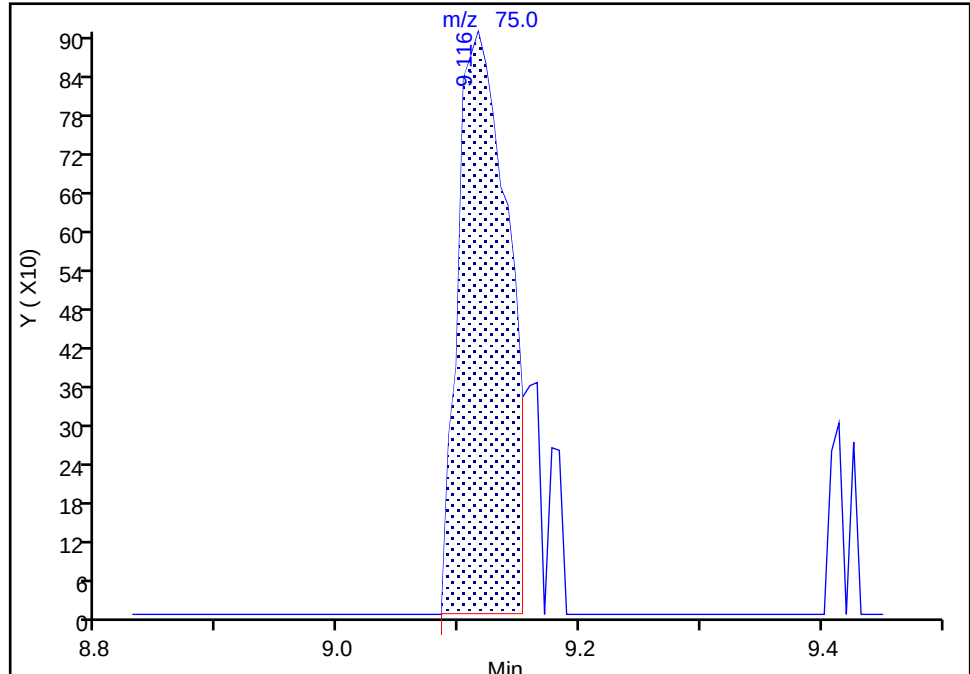
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**80 cis-1,3-Dichloropropene, CAS: 10061-01-5**

Signal: 1

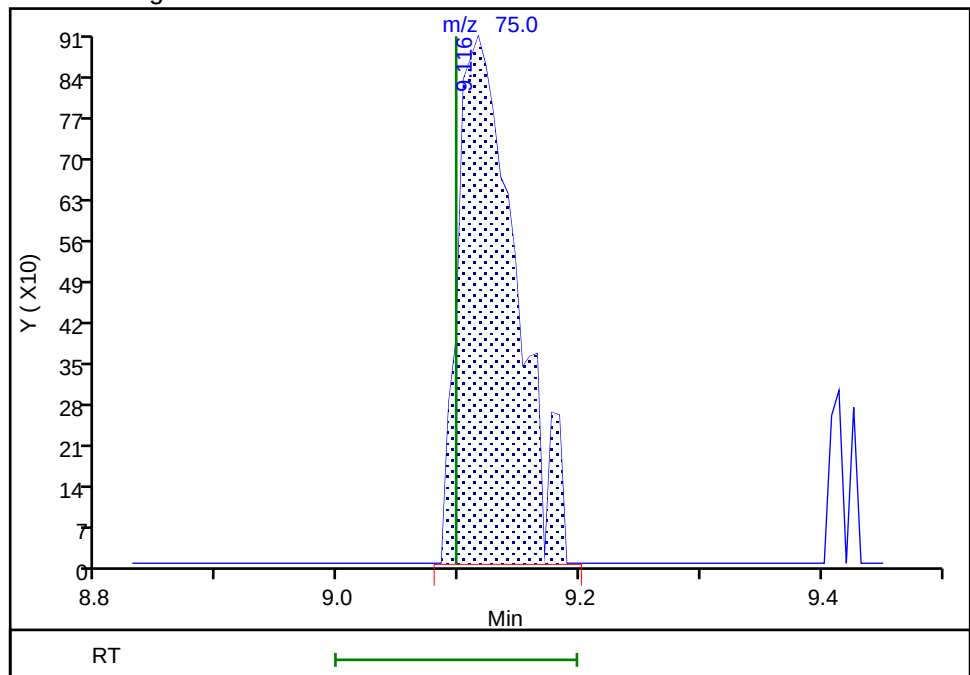
RT: 9.12  
Area: 2575  
Amount: 0.033322  
Amount Units: ug/l

## Processing Integration Results



RT: 9.12  
Area: 3023  
Amount: 0.040586  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:12:11 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

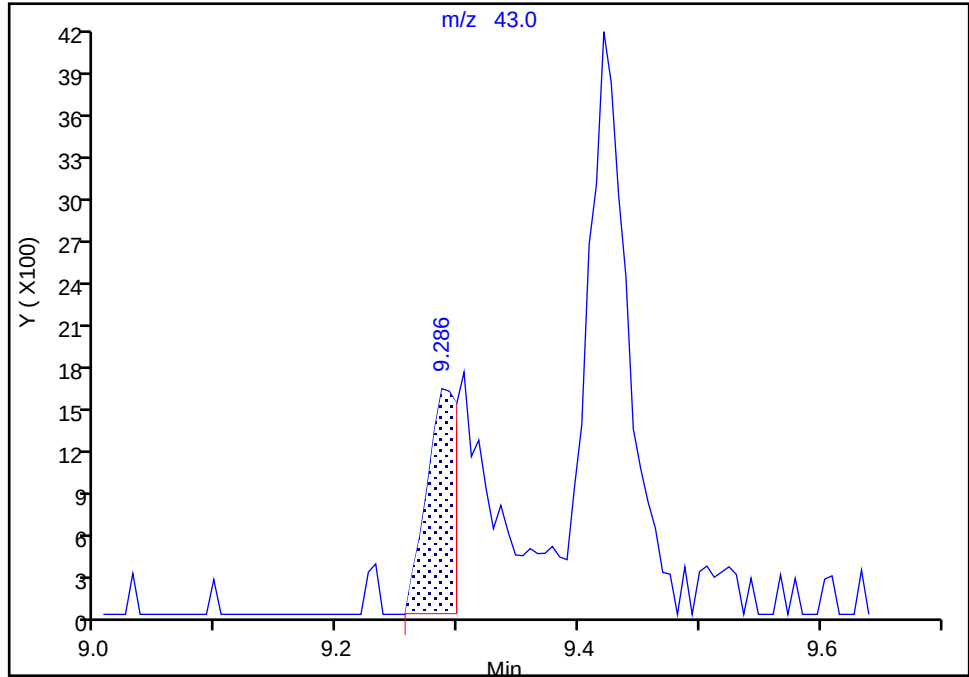
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1**

Signal: 1

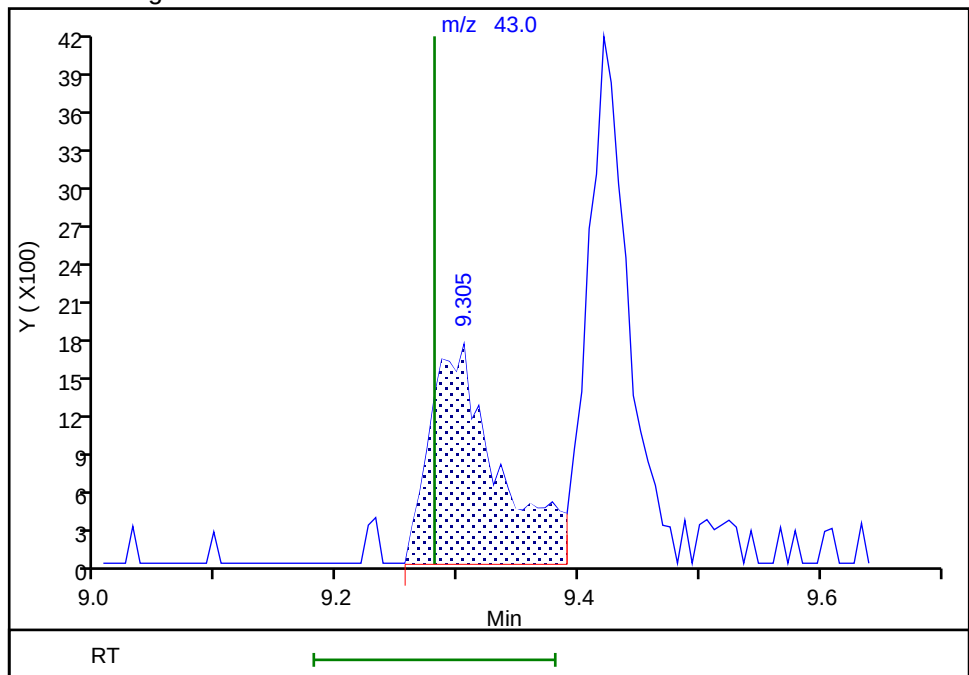
RT: 9.29  
Area: 2869  
Amount: 0.124666  
Amount Units: ug/l

## Processing Integration Results



RT: 9.30  
Area: 6716  
Amount: 0.263167  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:12:27 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

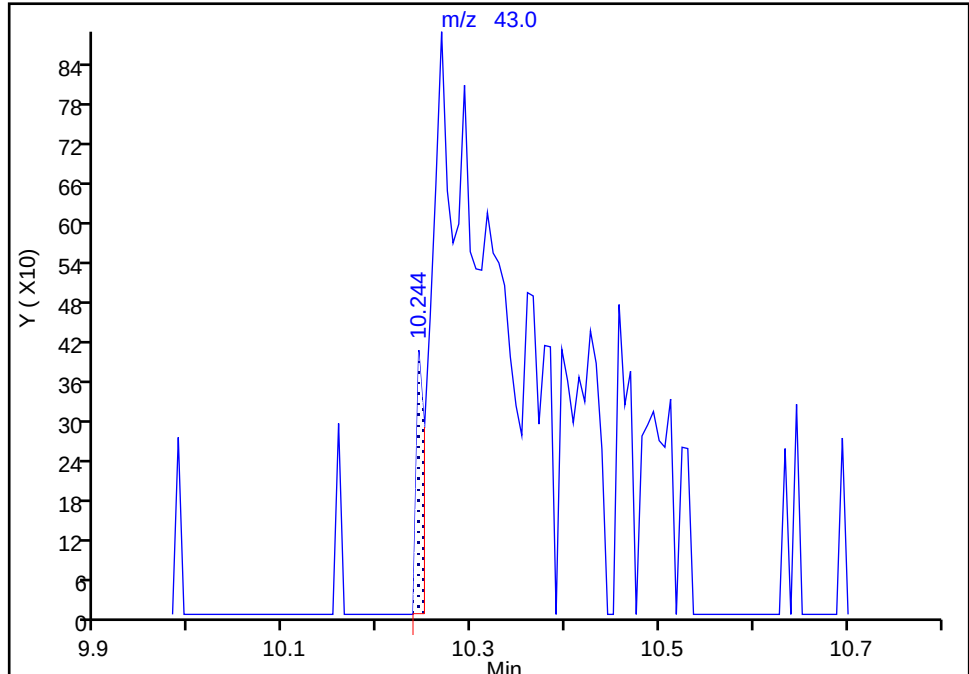
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

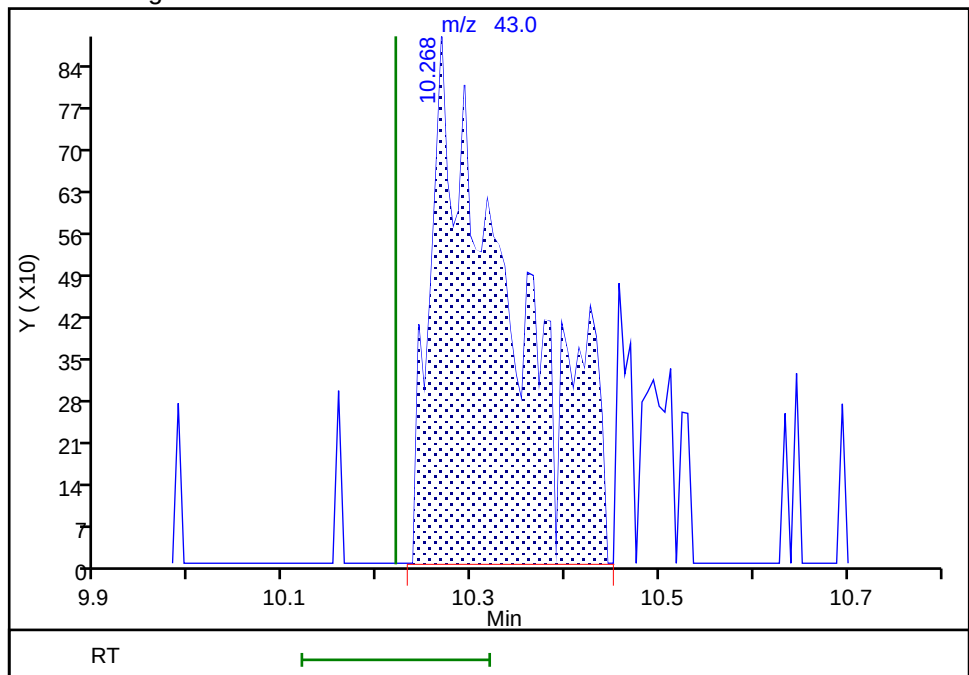
RT: 10.24  
Area: 250  
Amount: 0.019031  
Amount Units: ug/l

## Processing Integration Results



RT: 10.27  
Area: 5438  
Amount: 0.333477  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:13:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

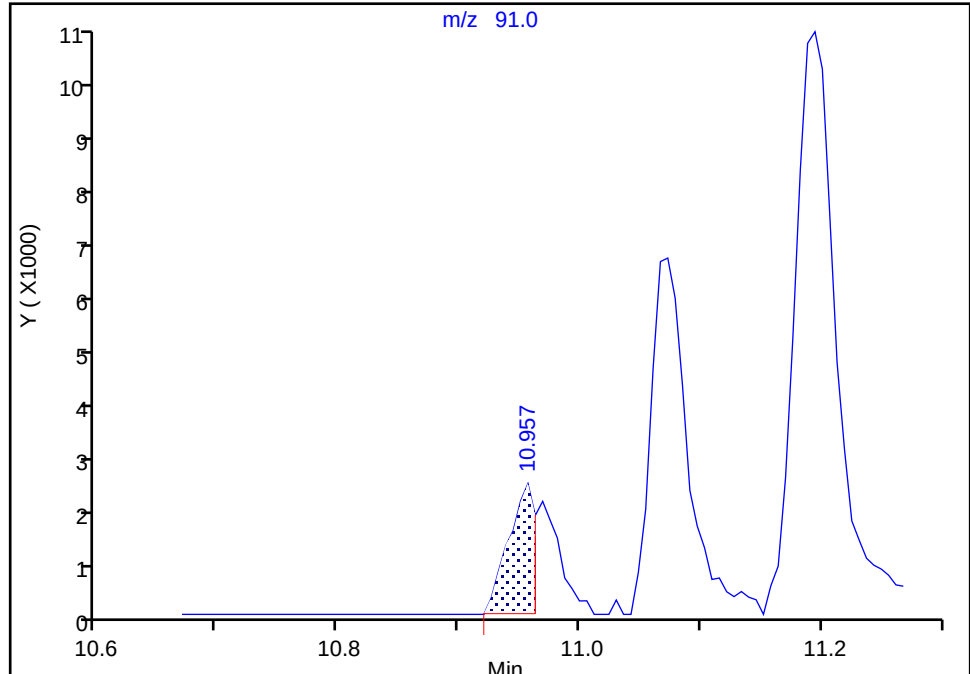
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

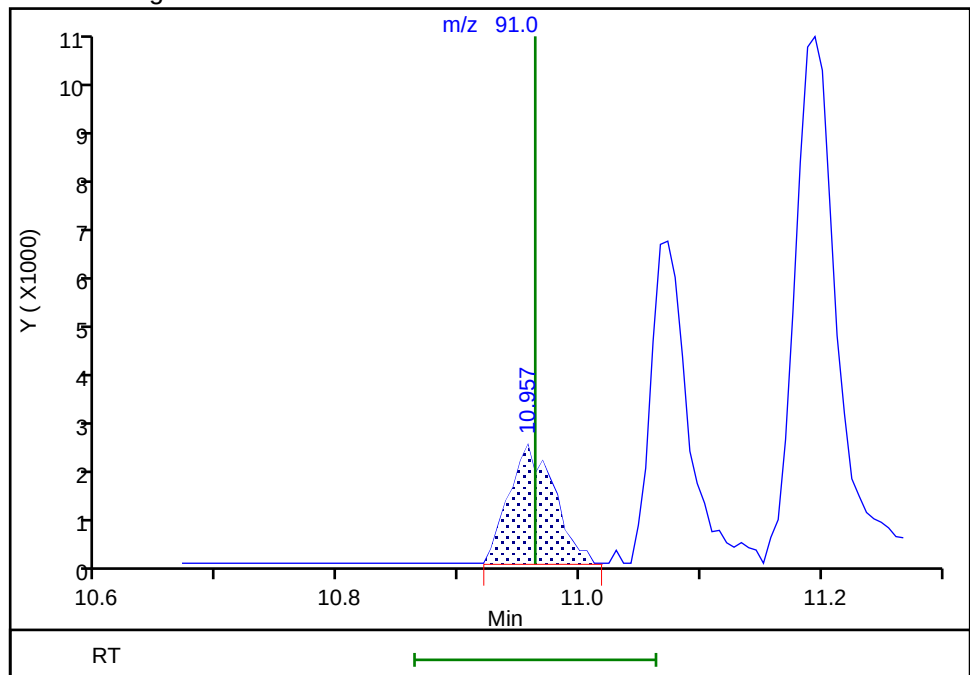
RT: 10.96  
Area: 3805  
Amount: 0.019178  
Amount Units: ug/l

## Processing Integration Results



RT: 10.96  
Area: 6362  
Amount: 0.070410  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:13:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

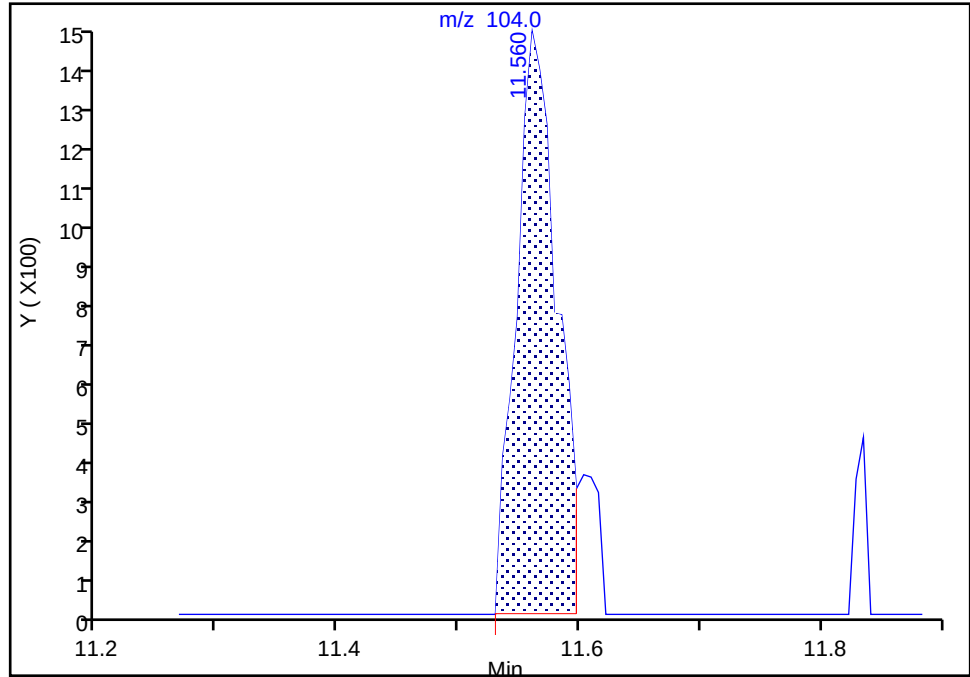
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D  
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094  
Lims ID: IC std1 0.02  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**121 Styrene, CAS: 100-42-5**

Signal: 1

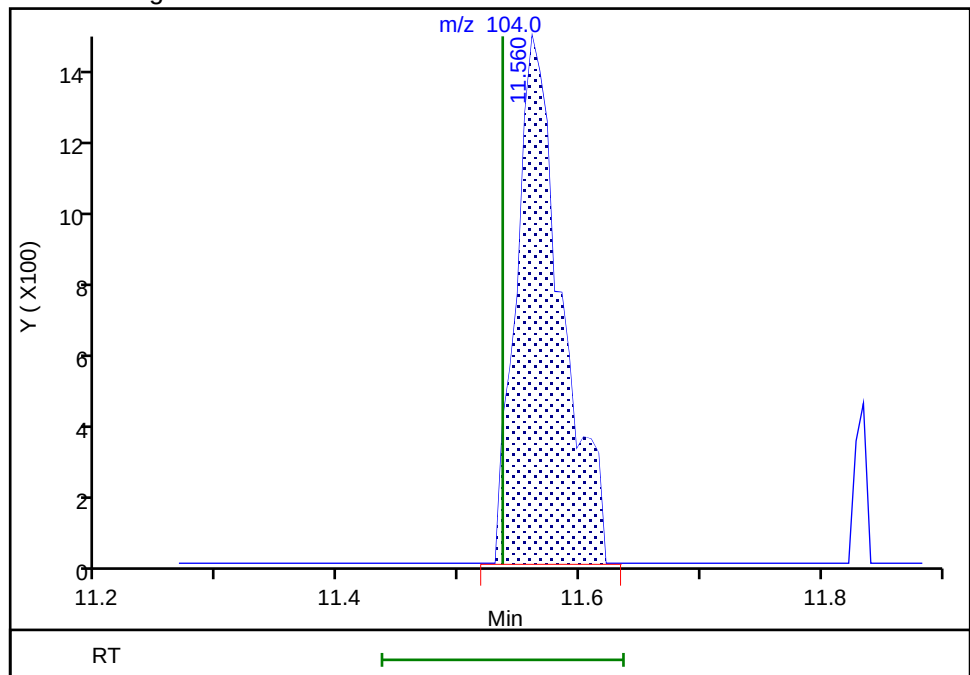
RT: 11.56  
Area: 3381  
Amount: 0.021248  
Amount Units: ug/l

## Processing Integration Results



RT: 11.56  
Area: 3742  
Amount: 0.022844  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:13:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D

Injection Date: 09-Jul-2025 04:17:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: gaw91131

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

MSV - 8260C\_D

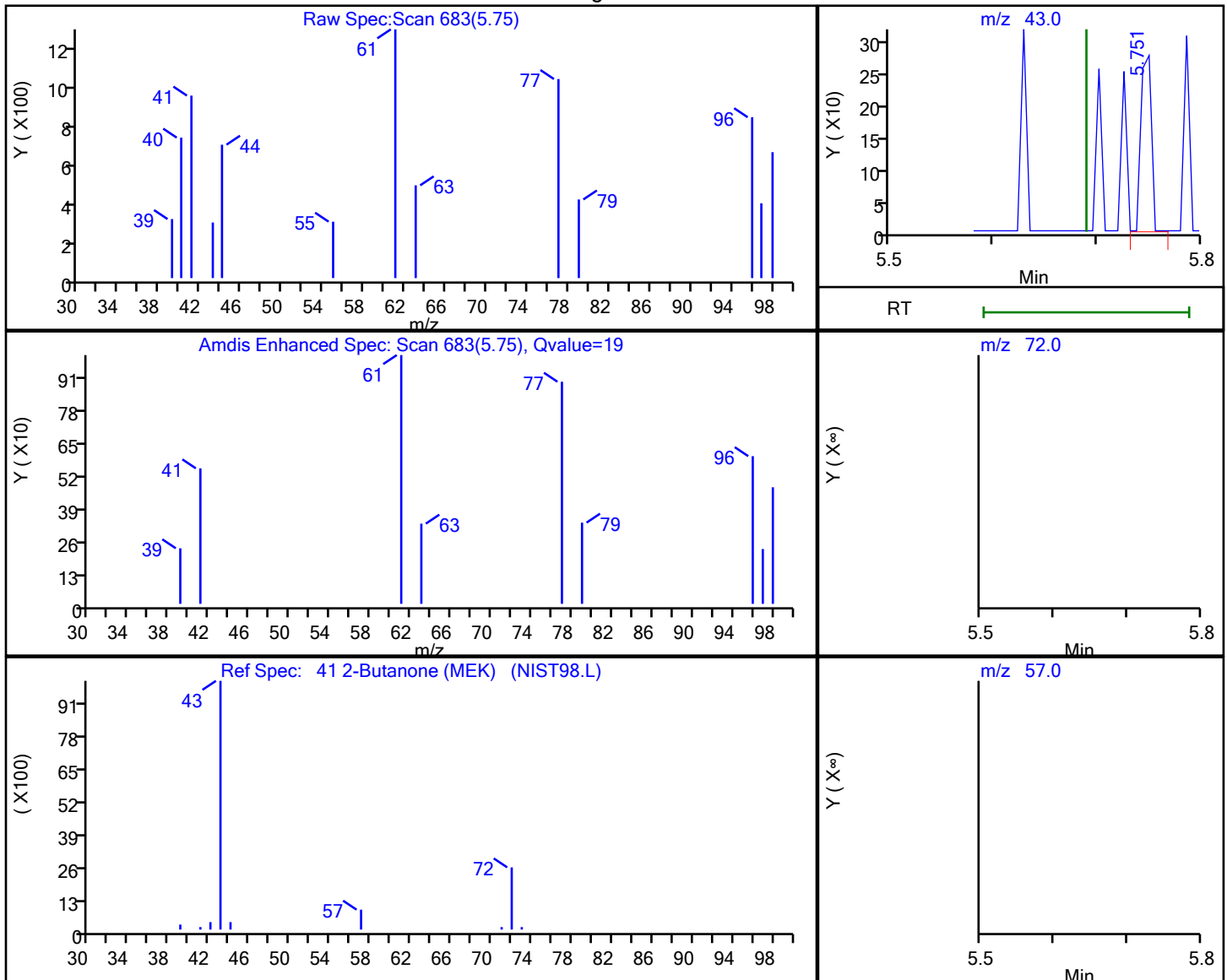
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID)

Detector

MS Quad

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

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.75 | 43.00 | 194      | 0.029271 |
| 5.69 | 72.00 | 0        |          |
| 5.69 | 57.00 | 0        |          |

Reviewer: JS6E, 11-Jul-2025 01:10:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D

Injection Date: 09-Jul-2025 04:17:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: gaw91131

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

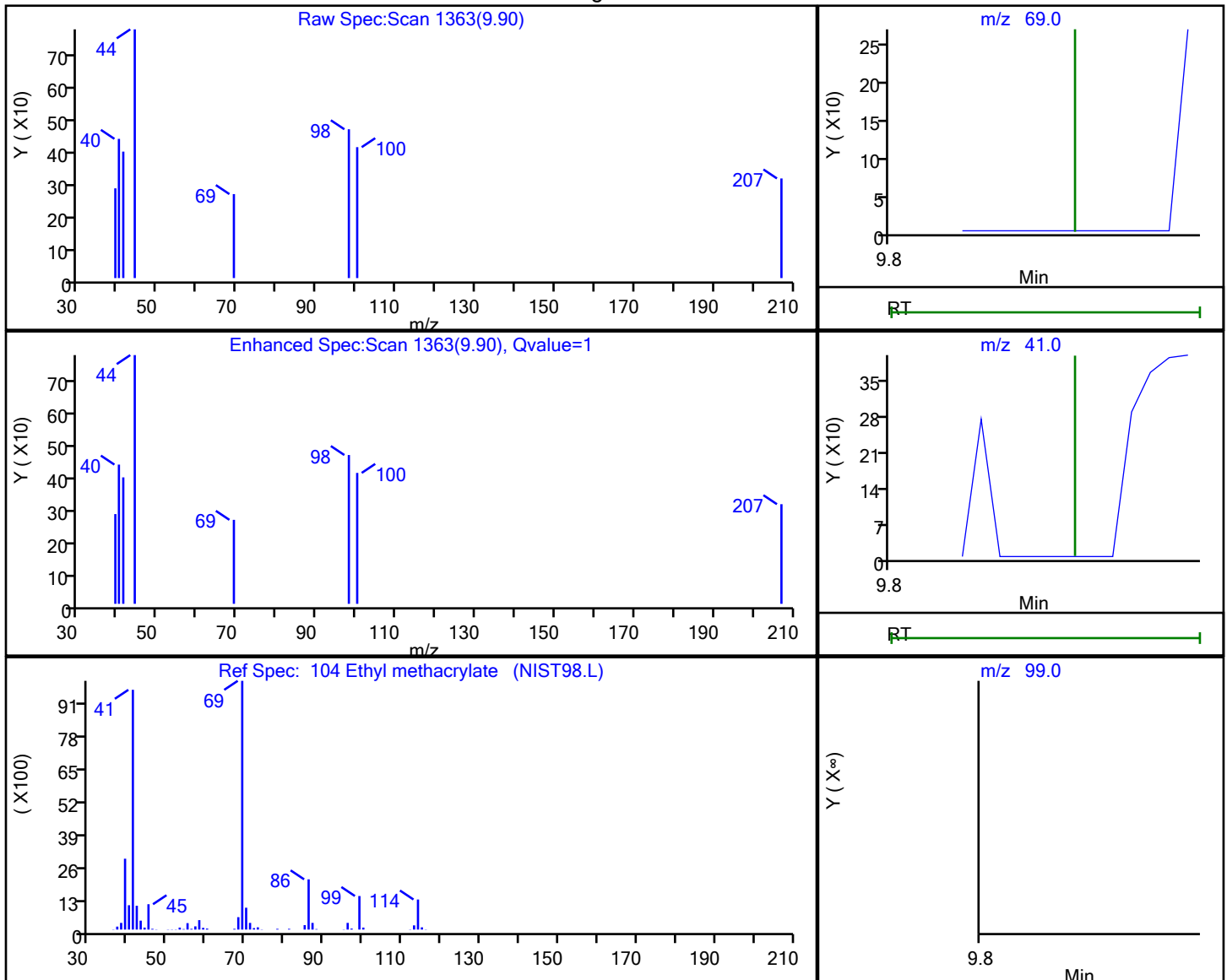
MSV - 8260C\_D

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

MS Quad

## 104 Ethyl methacrylate, CAS: 97-63-2

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 9.90 | 69.00 | 96       | 0.002902 |
| 9.90 | 41.00 | 660      |          |
| 9.86 | 99.00 | 0        |          |
| 9.86 | 86.00 | 0        |          |

Reviewer: JS6E, 11-Jul-2025 01:12:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D

Injection Date: 09-Jul-2025 04:17:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: gaw91131

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

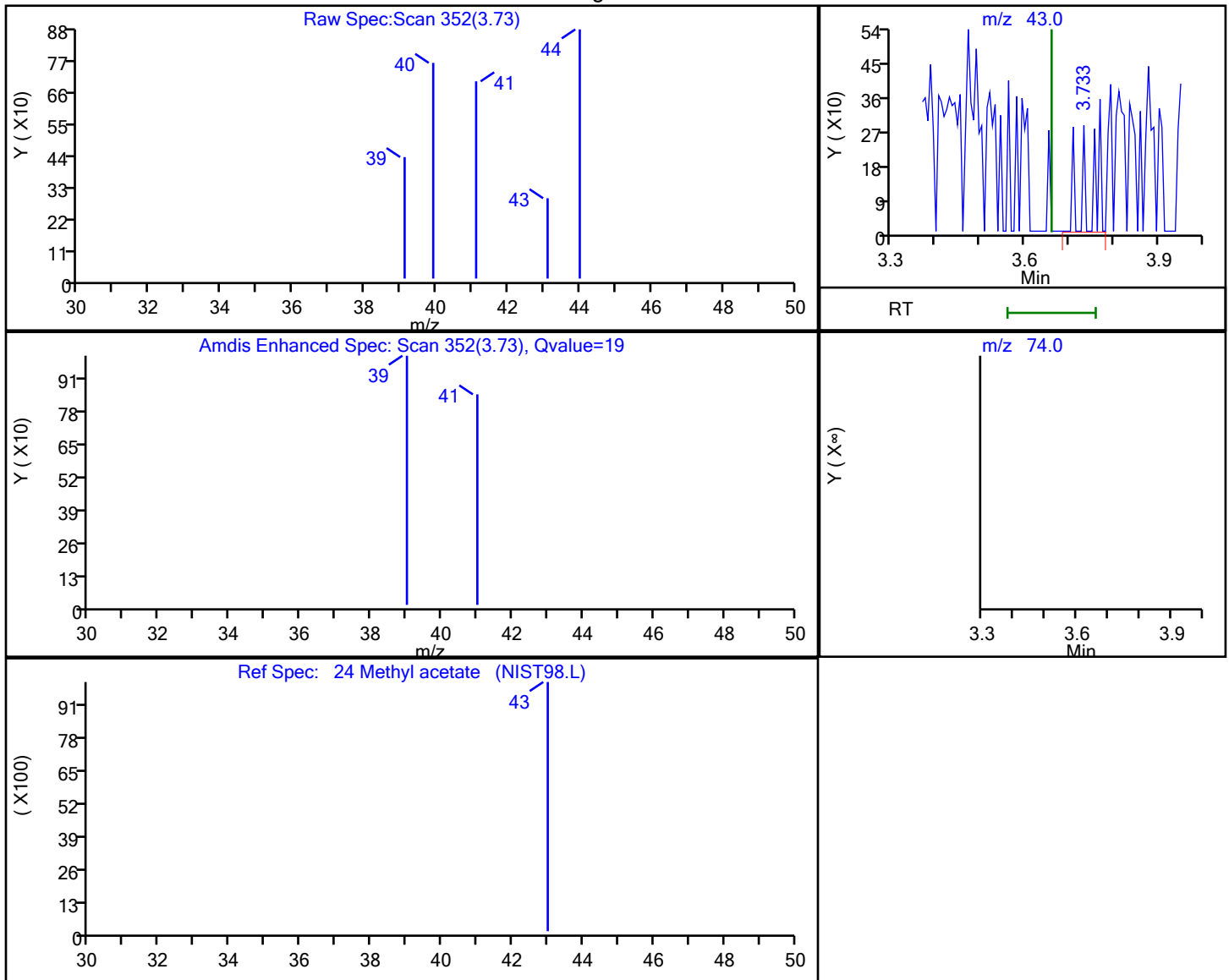
MSV - 8260C\_D

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

MS Quad

## 24 Methyl acetate, CAS: 79-20-9

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.73 | 43.00 | 435      | 0.031330 |
| 3.66 | 74.00 | 0        |          |

Reviewer: JS6E, 11-Jul-2025 01:11:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D

Injection Date: 09-Jul-2025 04:17:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: gaw91131

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

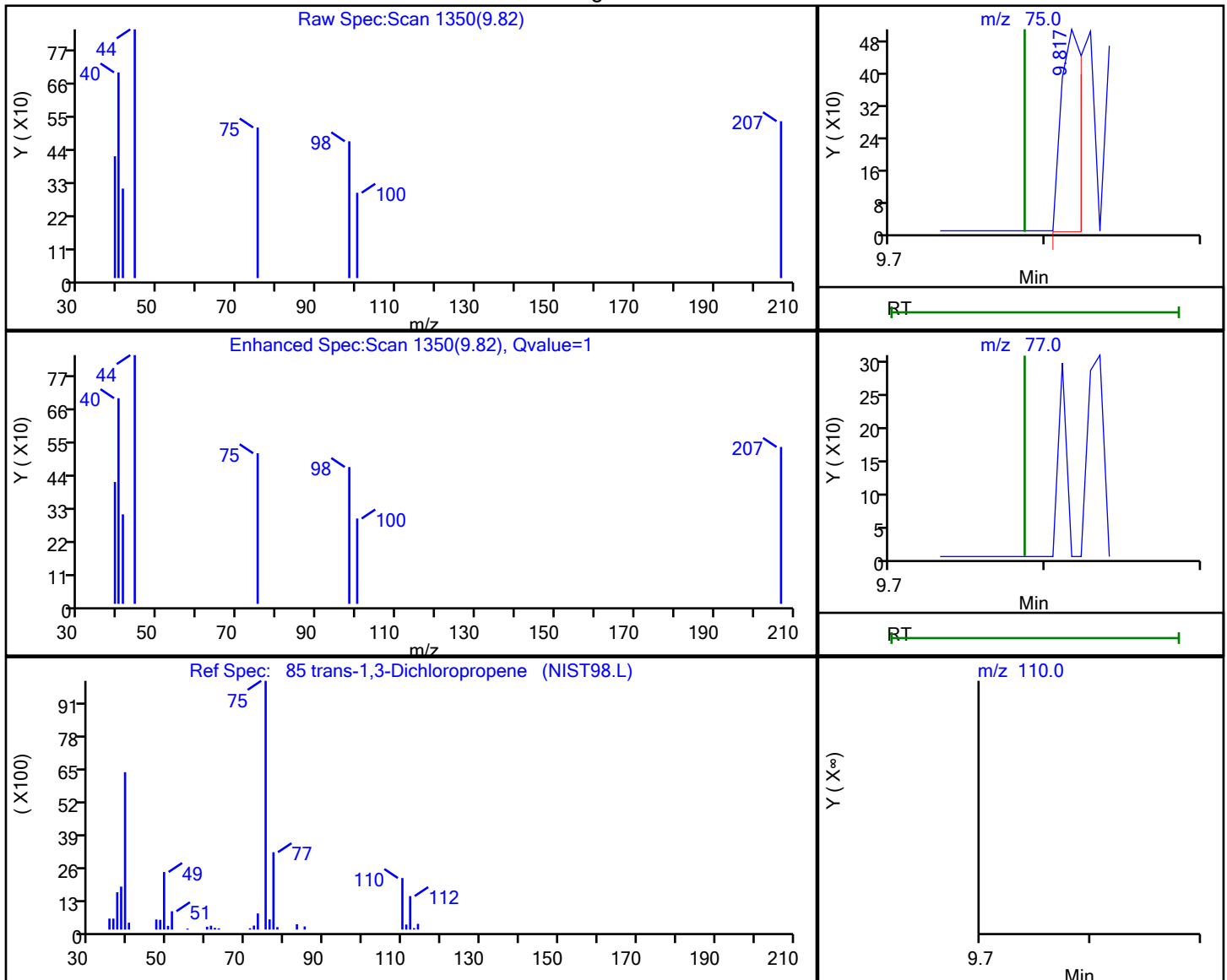
MSV - 8260C\_D

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

MS Quad

## 85 trans-1,3-Dichloropropene, CAS: 10061-02-6

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 9.82 | 75.00  | 484      | 0.009632 |
| 9.79 | 77.00  | 0        |          |
| 9.79 | 110.00 | 0        |          |
| 9.79 | 112.00 | 0        |          |

Reviewer: JS6E, 11-Jul-2025 01:12:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
 Lims ID: IC std2 0.06  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 09-Jul-2025 04:37:30 ALS Bottle#: 13 Worklist Smp#: 14  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-014  
 Misc. Info.: IC STD2 0.06  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 16:04:52 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 01:17:23

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.819     | 1.831         | -0.012        | 30 | 3816     | 0.0600       | 0.0642         |       |
| 5 Chloromethane                     | 50  | 2.014     | 2.013         | 0.001         | 95 | 6154     | 0.0600       | 0.0784         |       |
| 7 Butadiene                         | 39  | 2.105     | 2.105         | 0.000         | 89 | 5132     | 0.0600       | 0.0680         |       |
| 6 Vinyl chloride                    | 62  | 2.123     | 2.123         | 0.000         | 94 | 4695     | 0.0600       | 0.0662         |       |
| 9 Bromomethane                      | 94  | 2.385     | 2.391         | -0.006        | 38 | 3254     | 0.0600       | 0.0646         | M     |
| 10 Chloroethane                     | 64  | 2.471     | 2.477         | -0.006        | 95 | 2769     | 0.0600       | 0.0622         |       |
| 11 Dichlorofluoromethane            | 67  | 2.684     | 2.690         | -0.006        | 94 | 7904     | 0.0600       | 0.0663         |       |
| 12 Trichlorofluoromethane           | 101 | 2.788     | 2.788         | 0.000         | 66 | 5683     | 0.0600       | 0.0617         |       |
| 14 Ethyl ether                      | 59  | 2.983     | 2.971         | 0.012         | 13 | 1326     | 0.0600       | 0.0425         |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.050     | 3.050         | 0.000         | 88 | 4463     | 0.0600       | 0.0650         |       |
| 16 Acrolein                         | 56  | 3.178     | 3.117         | 0.061         | 91 | 11100    | 2.93         | 2.39           | M     |
| 17 1,1-Dichloroethene               | 96  | 3.251     | 3.251         | 0.000         | 93 | 2731     | 0.0600       | 0.0587         |       |
| 19 Acetone                          | 43  | 3.379     | 3.275         | 0.104         | 16 | 4126     | 0.6000       | 0.7239         | M     |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.288     | 3.294         | -0.006        | 80 | 2455     | 0.0600       | 0.0538         |       |
| 21 Iodomethane                      | 142 | 3.434     | 3.434         | 0.000         | 52 | 5034     | 0.0600       | 0.0565         |       |
| 22 Ethyl bromide                    | 108 | 3.465     | 3.458         | 0.007         | 20 | 2230     | 0.0599       | 0.0568         |       |
| 23 Carbon disulfide                 | 76  | 3.532     | 3.531         | 0.001         | 99 | 9291     | 0.0600       | 0.0652         | M     |
| 24 Methyl acetate                   | 43  | 3.757     | 3.660         | 0.097         | 19 | 2034     | 0.0600       | 0.1493         | M     |
| 26 3-Chloro-1-propene               | 41  | 3.690     | 3.684         | 0.006         | 91 | 5857     | 0.0600       | 0.0638         |       |
| 27 Methylene Chloride               | 84  | 3.849     | 3.855         | -0.006        | 44 | 2958     | 0.0600       | 0.0607         |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.861     | 3.891         | -0.030        | 97 | 80230    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  |           | 3.995         |               |    |          | 1.20         | ND             |       |
| 31 Acrylonitrile                    | 53  |           | 4.184         |               |    |          | ND           | ND             |       |
| 32 Methyl tert-butyl ether          | 73  | 4.239     | 4.214         | 0.025         | 80 | 6154     | 0.0600       | 0.0576         |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.251     | 4.239         | 0.012         | 96 | 2732     | 0.0600       | 0.0530         |       |
| 34 Hexane                           | 57  | 4.653     | 4.659         | -0.006        | 90 | 4700     | 0.0600       | 0.0601         |       |
| 36 1,1-Dichloroethane               | 63  | 4.891     | 4.891         | 0.000         | 1  | 5424     | 0.0600       | 0.0545         |       |
| 37 Isopropyl ether                  | 45  | 4.958     | 4.952         | 0.006         | 59 | 9696     | 0.0600       | 0.0577         |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 5.025     | 5.001         | 0.024         | 38 | 4314     | 0.0600       | 0.0501         |       |
| 40 Tert-butyl ethyl ether           | 59  | 5.489     | 5.495         | -0.005        | 95 | 8255     | 0.0600       | 0.0567         |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  |           | 5.690         |               |    |          | 0.6000       | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.751     | 5.732         | 0.019         | 80 | 2800     | 0.0600       | 0.0500         |       |
| 43 2,2-Dichloropropane             | 77  | 5.751     | 5.744         | 0.007         | 72 | 5069     | 0.0600       | 0.0582         |       |
| 44 Propionitrile                   | 54  |           | 5.775         |               |    |          | ND           | ND             |       |
| 47 Methacrylonitrile               | 67  | 6.086     | 5.988         | 0.098         | 84 | 4500     | 0.6000       | 0.4582         | M     |
| 48 Chlorobromomethane              | 128 | 6.098     | 6.068         | 0.030         | 1  | 515      | 0.0600       | 0.0243         |       |
| 49 Tetrahydrofuran                 | 71  |           | 6.080         |               |    |          | ND           | ND             |       |
| S 46 1,2-Dichloroethene, Total     | 100 |           |               |               | 0  |          |              | 0.1030         |       |
| 50 Chloroform                      | 83  | 6.232     | 6.226         | 0.006         | 90 | 5205     | 0.0600       | 0.0563         |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.440     | 6.446         | -0.006        | 94 | 424242   | 10.0         | 9.98           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.452     | 6.458         | -0.006        | 35 | 5321     | 0.0600       | 0.0615         |       |
| 54 Cyclohexane                     | 56  | 6.549     | 6.561         | -0.012        | 63 | 6456     | 0.0600       | 0.0608         |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.677         | -0.006        | 88 | 4041     | 0.0600       | 0.0553         |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.677         | 0.000         | 88 | 4580     | 0.0600       | 0.0574         |       |
| 57 Isobutyl alcohol                | 41  | 6.897     | 6.824         | 0.073         | 30 | 3100     | 3.00         | 4.55           | M     |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 77 | 77896    | 10.0         | 10.1           |       |
| 59 Benzene                         | 78  | 6.939     | 6.939         | 0.000         | 93 | 14047    | 0.0600       | 0.0619         |       |
| 60 1,2-Dichloroethane              | 62  | 7.025     | 7.006         | 0.019         | 11 | 3493     | 0.0600       | 0.0685         |       |
| 63 Tert-amyl methyl ether          | 73  | 7.141     | 7.141         | 0.000         | 95 | 6658     | 0.0600       | 0.0528         |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.354         | -0.006        | 98 | 1831280  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 36 | 6489     | 0.0600       | 0.0785         |       |
| 67 n-Butanol                       | 56  |           | 7.732         |               |    |          | ND           | ND             |       |
| 68 Trichloroethene                 | 95  | 7.848     | 7.842         | 0.006         | 93 | 3623     | 0.0600       | 0.0610         | M     |
| 69 Methylcyclohexane               | 83  | 8.159     | 8.159         | 0.000         | 85 | 6213     | 0.0600       | 0.0601         |       |
| 70 1,2-Dichloropropane             | 63  | 8.183     | 8.177         | 0.006         | 83 | 2896     | 0.0600       | 0.0531         |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 90 | 4715     | 0.0600       | 0.0571         |       |
| 72 Methyl methacrylate             | 69  |           | 8.268         |               |    |          | ND           | ND             |       |
| 73 1,4-Dioxane                     | 88  |           | 8.287         |               |    |          | ND           | ND             |       |
| 74 Dibromomethane                  | 93  | 8.305     | 8.287         | 0.018         | 8  | 745      | 0.0600       | 0.0369         | M     |
| 76 Dichlorobromomethane            | 83  | 8.531     | 8.531         | 0.001         | 93 | 3436     | 0.0600       | 0.0565         |       |
| 77 2-Nitropropane                  | 41  | 8.805     | 8.793         | 0.012         | 55 | 3259     | 0.3000       | 0.5252         | M     |
| 79 1-Bromo-2-chloroethane          | 63  | 8.945     | 8.927         | 0.018         | 1  | 3153     | 0.0600       | 0.0648         | M     |
| 80 cis-1,3-Dichloropropene         | 75  | 9.116     | 9.097         | 0.019         | 36 | 3925     | 0.0600       | 0.0527         | M     |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.299     | 9.280         | 0.019         | 96 | 14864    | 0.6000       | 0.5345         | M     |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94 | 1836061  | 10.0         | 9.92           |       |
| 84 Toluene                         | 92  | 9.512     | 9.506         | 0.006         | 96 | 8467     | 0.0600       | 0.0590         |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.823     | 9.786         | 0.037         | 1  | 2833     | 0.0600       | 0.0499         | M     |
| 104 Ethyl methacrylate             | 69  | 9.896     | 9.860         | 0.036         | 1  | 1672     | 0.0600       | 0.0416         | M     |
| 106 1,1,2-Trichloroethane          | 97  | 10.012    | 10.000        | 0.012         | 84 | 1778     | 0.0600       | 0.0558         |       |
| S 105 1,3-Dichloropropene, Total   | 100 |           |               |               | 0  |          |              | 0.1026         |       |
| 107 Tetrachloroethene              | 166 | 10.097    | 10.091        | 0.006         | 92 | 3909     | 0.0600       | 0.0577         |       |
| 108 1,3-Dichloropropane            | 76  | 10.177    | 10.164        | 0.013         | 90 | 2789     | 0.0600       | 0.0503         |       |
| 109 2-Hexanone                     | 43  | 10.262    | 10.219        | 0.043         | 92 | 11341    | 0.6000       | 0.6382         | M     |
| 111 Chlorodibromomethane           | 129 | 10.402    | 10.390        | 0.012         | 84 | 1759     | 0.0600       | 0.0447         |       |
| 112 Ethylene Dibromide             | 107 | 10.524    | 10.500        | 0.024         | 95 | 1467     | 0.0600       | 0.0531         |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.951        | -0.006        | 87 | 1330860  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 35 | 7873     | 0.0600       | 0.0872         |       |
| 115 Chlorobenzene                  | 112 | 10.981    | 10.975        | 0.006         | 83 | 8606     | 0.0600       | 0.0567         |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.067    | 11.060        | 0.007         | 37 | 2740     | 0.0600       | 0.0548         |       |
| 117 Ethylbenzene                   | 91  | 11.073    | 11.067        | 0.006         | 98 | 15708    | 0.0600       | 0.0555         |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.195    | 11.189        | 0.006         | 98 | 11594    | 0.1200       | 0.1077         |       |
| S 118 Xylenes, Total               | 106 |           |               |               | 0  |          |              | 0.1628         |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 120 o-Xylene                       | 106 | 11.530    | 11.518        | 0.012         | 96 | 5625     | 0.0600       | 0.0551         |       |
| 121 Styrene                        | 104 | 11.554    | 11.536        | 0.018         | 89 | 8731     | 0.0600       | 0.0533         | M     |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 85 | 833      | 0.0600       | 0.0410         |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 95 | 13925    | 0.0600       | 0.0558         |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 90 | 665620   | 10.0         | 9.96           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.079    | 12.079        | 0.000         | 1  | 2155     | 0.0600       | 0.0592         | M     |
| 128 Bromobenzene                   | 156 | 12.097    | 12.091        | 0.006         | 91 | 3378     | 0.0600       | 0.0571         |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.115    | 12.103        | 0.012         | 87 | 4801     | 0.6000       | 0.4672         |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.121    | 12.121        | 0.000         | 75 | 428      | 0.0600       | 0.0469         |       |
| 131 N-Propylbenzene                | 91  | 12.170    | 12.164        | 0.006         | 98 | 19070    | 0.0600       | 0.0580         |       |
| 132 2-Chlorotoluene                | 126 | 12.243    | 12.237        | 0.006         | 96 | 3366     | 0.0600       | 0.0536         |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.304    | 12.304        | 0.000         | 94 | 12613    | 0.0600       | 0.0548         | M     |
| 134 4-Chlorotoluene                | 126 | 12.341    | 12.329        | 0.012         | 97 | 3285     | 0.0600       | 0.0519         |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 93 | 2638     | 0.0600       | 0.0519         |       |
| 136 Pentachloroethane              | 167 | 12.573    | 12.572        | 0.001         | 69 | 1558     | 0.0600       | 0.0465         |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.591    | 12.585        | 0.006         | 96 | 12726    | 0.0600       | 0.0545         |       |
| 138 sec-Butylbenzene               | 105 | 12.713    | 12.707        | 0.006         | 94 | 17095    | 0.0600       | 0.0576         |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.816    | 12.804        | 0.012         | 93 | 6242     | 0.0600       | 0.0528         |       |
| 140 4-Isopropyltoluene             | 119 | 12.822    | 12.822        | 0.000         | 98 | 14094    | 0.0600       | 0.0554         |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 95 | 739240   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 85 | 7182     | 0.0600       | 0.0589         |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.896    | 12.889        | 0.007         | 93 | 5345     | 0.0600       | 0.0543         |       |
| 144 Benzyl chloride                | 126 | 12.963    | 12.956        | 0.007         | 94 | 652      | 0.0600       | 0.0454         | M     |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 92 | 7907     | 0.0600       | 0.0531         |       |
| 146 n-Butylbenzene                 | 92  | 13.121    | 13.115        | 0.006         | 97 | 6337     | 0.0600       | 0.0529         |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.146    | 13.139        | 0.007         | 92 | 5469     | 0.0600       | 0.0530         |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 |           | 13.688        |               |    |          | ND           | ND             |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.816    | 13.816        | 0.000         | 93 | 4562     | 0.0600       | 0.0525         |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.249    | 14.237        | 0.012         | 89 | 3824     | 0.0600       | 0.0550         |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 89 | 2028     | 0.0600       | 0.0590         |       |
| 153 Naphthalene                    | 128 | 14.432    | 14.414        | 0.018         | 95 | 6369     | 0.0600       | 0.0560         |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.560    | 14.560        | 0.000         | 94 | 3096     | 0.0600       | 0.0542         |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

### Reagents:

MSV\_LL\_GAS826\_00279

Amount Added: 1.20

Units: uL

MSV\_LL\_#1\_826\_00171

Amount Added: 1.20

Units: uL

MSV\_LL\_#2\_826\_00185

Amount Added: 1.20

Units: uL

MSV\_LLcentISS\_00016

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 16-Jul-2025 16:04:54

Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D

Injection Date: 09-Jul-2025 04:37:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: IC std2 0.06

Worklist Smp#: 14

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

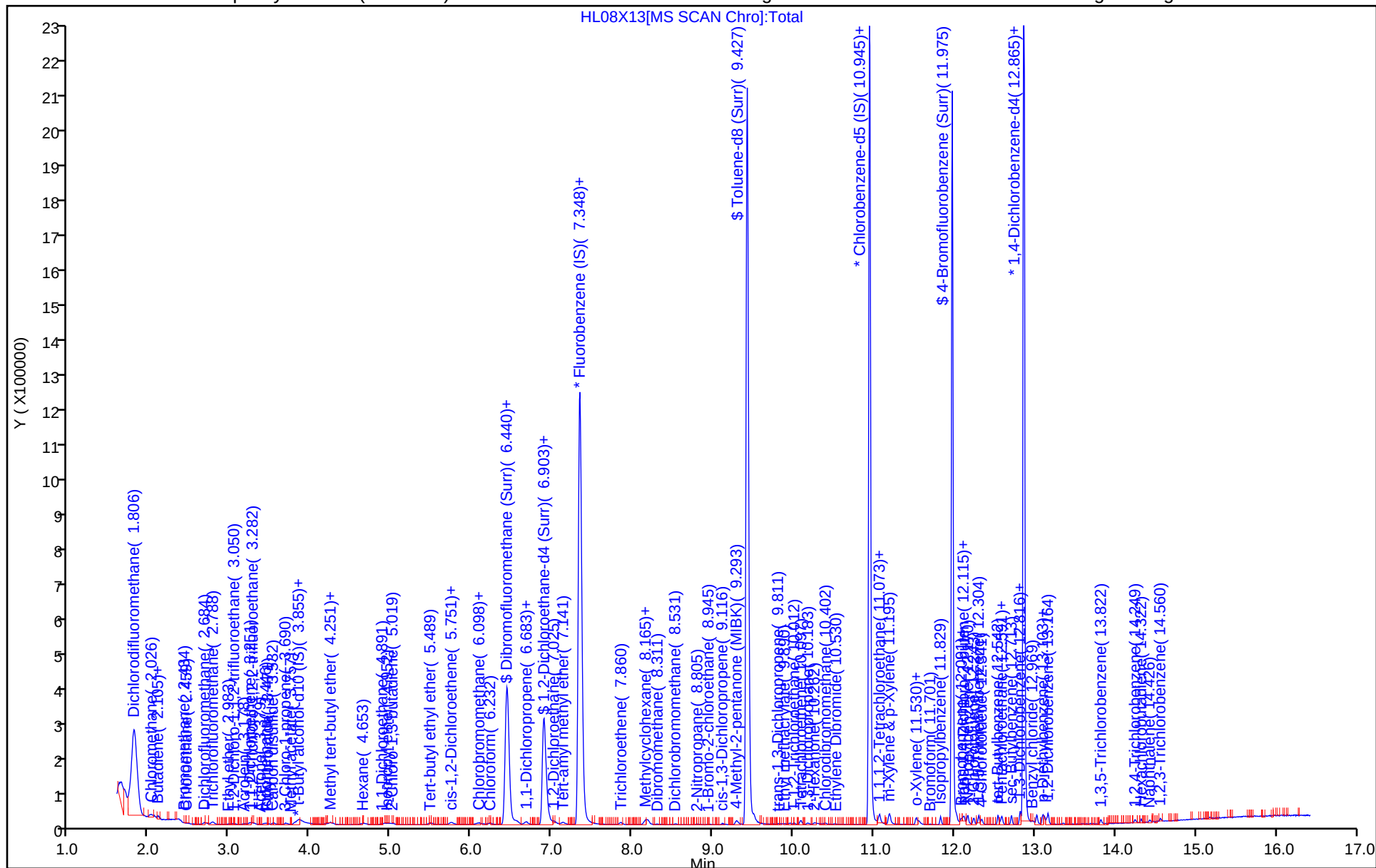
ALS Bottle#: 13

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

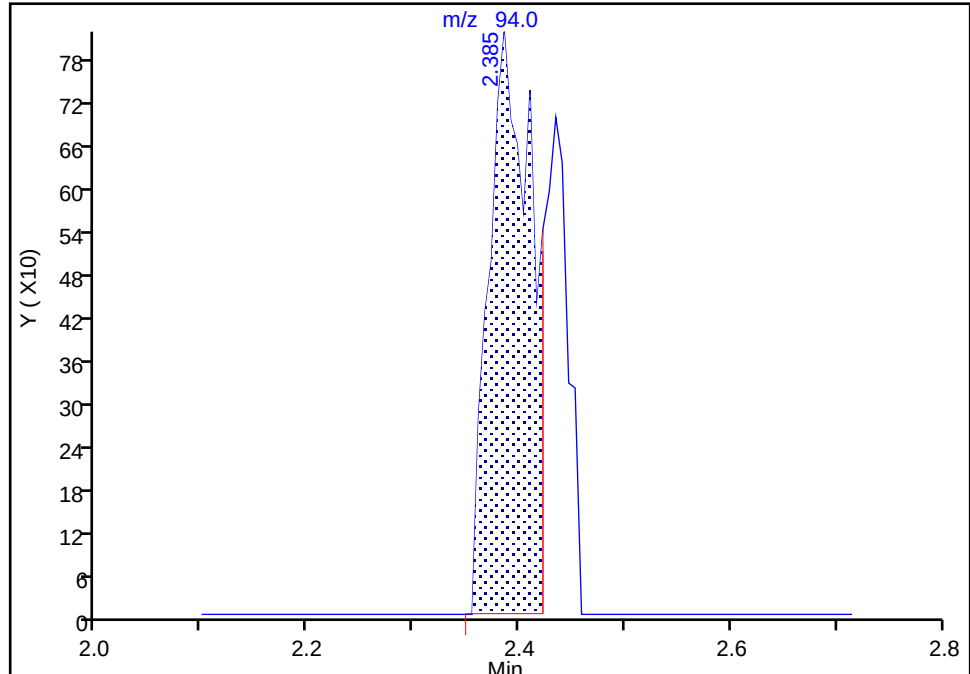
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

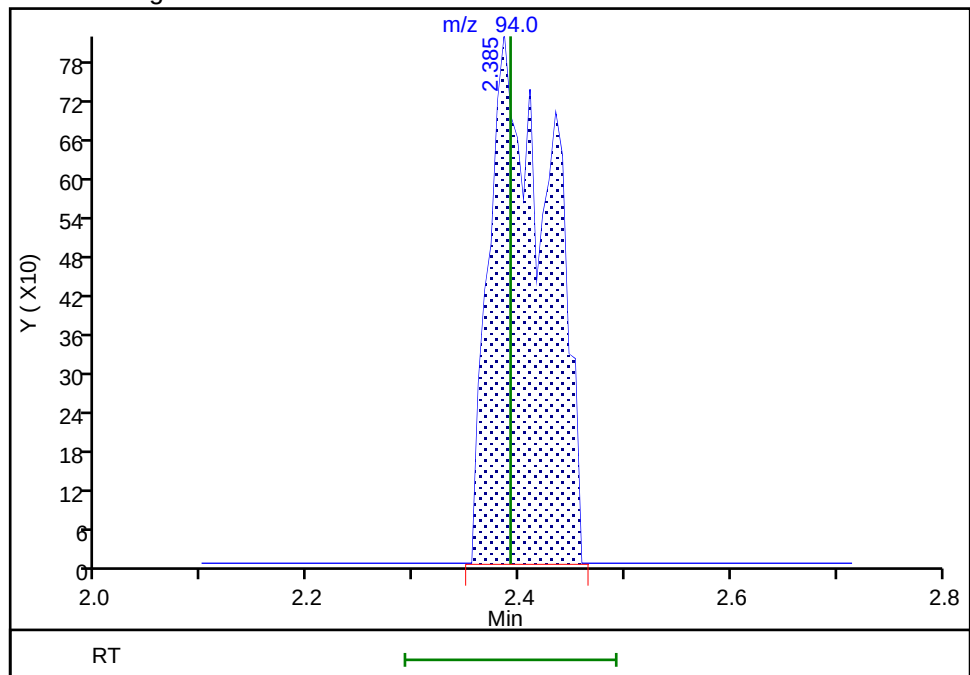
RT: 2.39  
Area: 2318  
Amount: 0.044989  
Amount Units: ug/l

## Processing Integration Results



RT: 2.39  
Area: 3254  
Amount: 0.064569  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:14:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

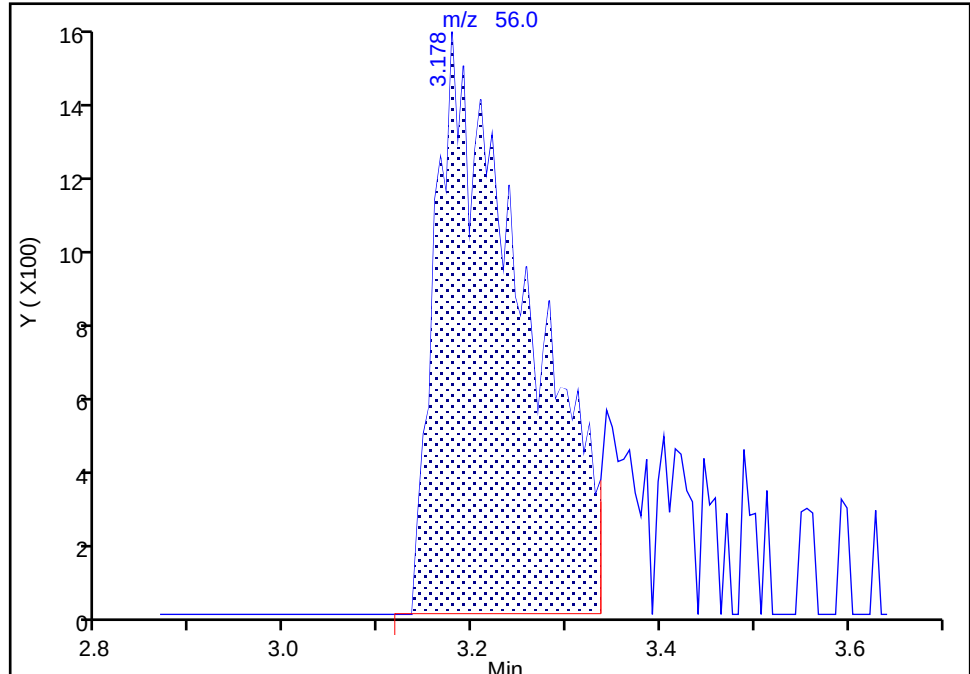
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) Detector: MS Quad

**16 Acrolein, CAS: 107-02-8**

Signal: 1

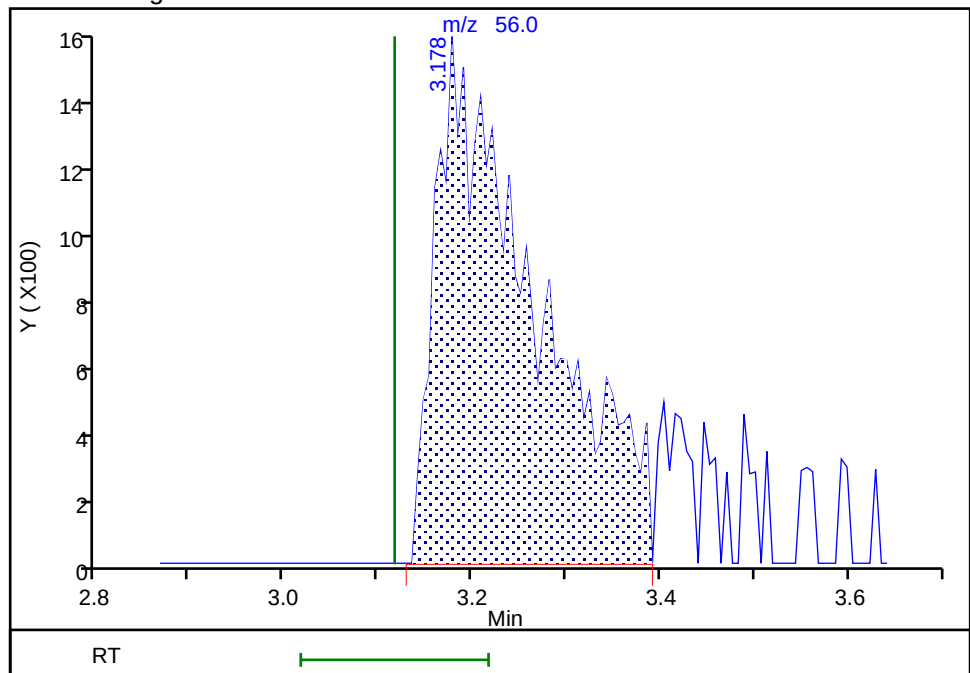
RT: 3.18  
Area: 9928  
Amount: 2.166420  
Amount Units: ug/l

## Processing Integration Results



RT: 3.18  
Area: 11100  
Amount: 2.389544  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:14:21 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins Lancaster Laboratories Environment Testing, LLC

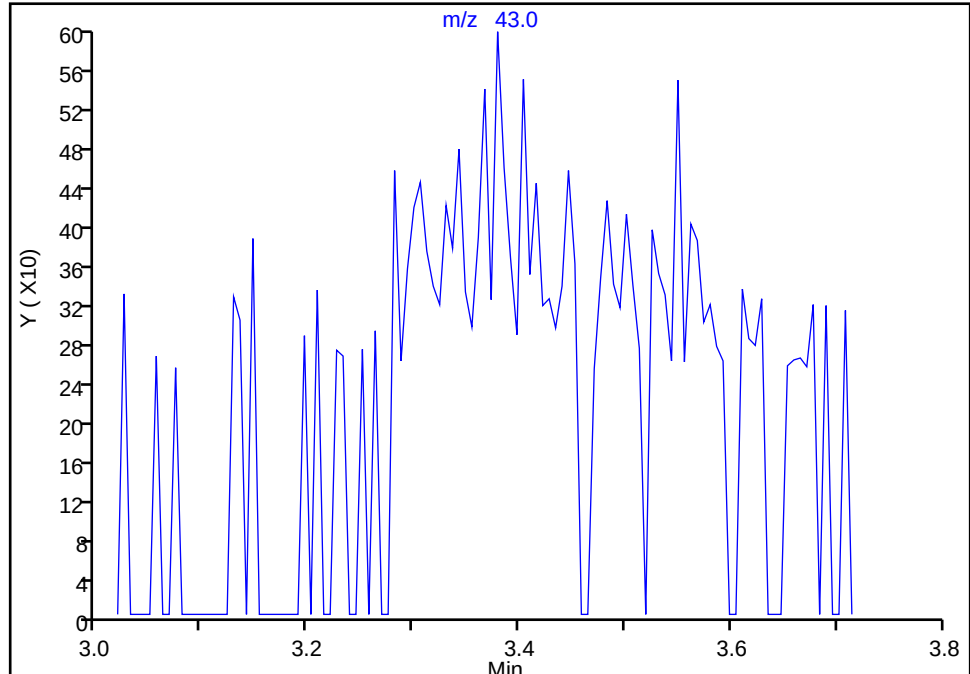
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**19 Acetone, CAS: 67-64-1**

Signal: 1

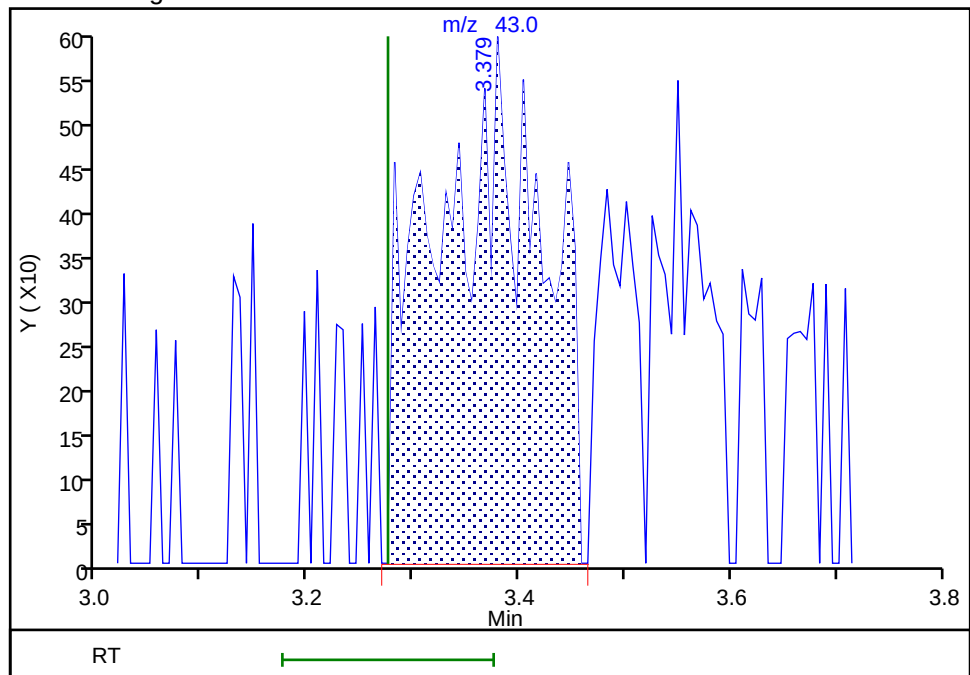
Not Detected  
Expected RT: 3.28

## Processing Integration Results



RT: 3.38  
Area: 4126  
Amount: 0.723903  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:14:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

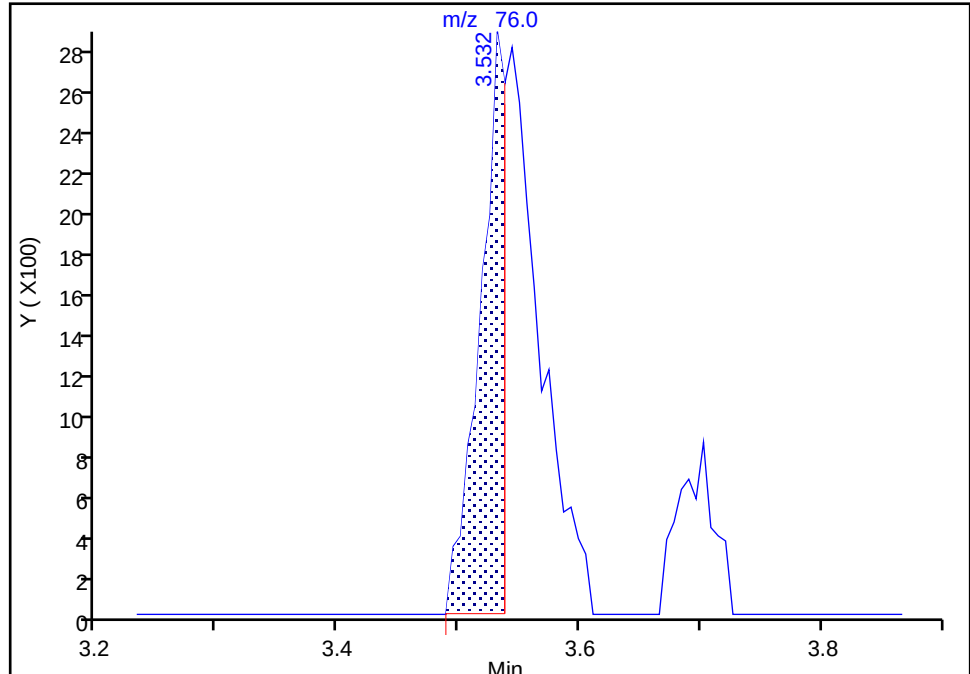
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**23 Carbon disulfide, CAS: 75-15-0**

Signal: 1

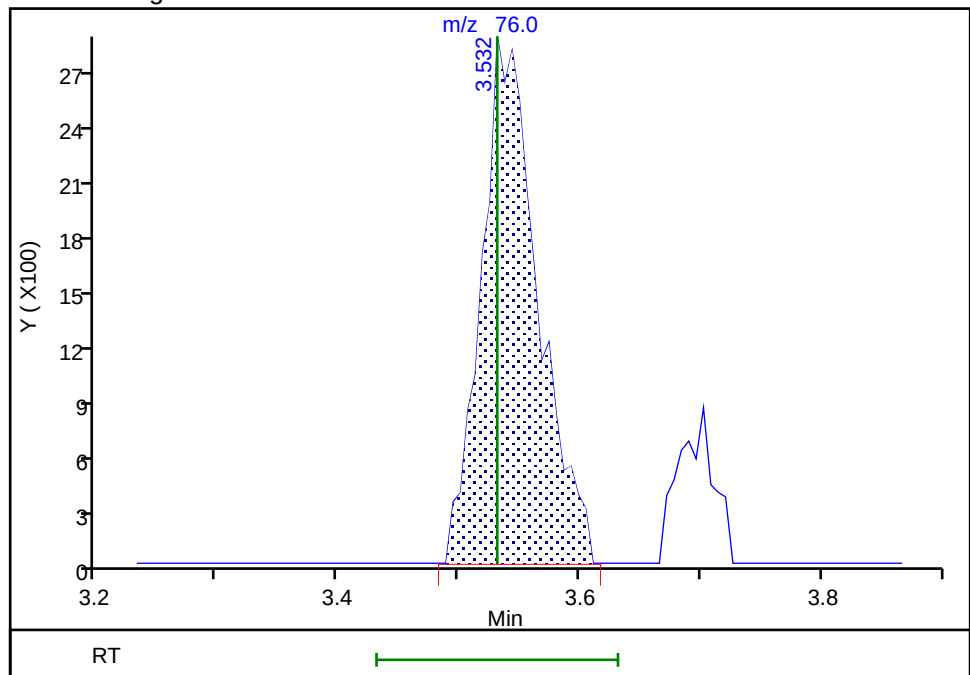
RT: 3.53  
Area: 4275  
Amount: 0.024637  
Amount Units: ug/l

## Processing Integration Results



RT: 3.53  
Area: 9291  
Amount: 0.065168  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:14:33 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

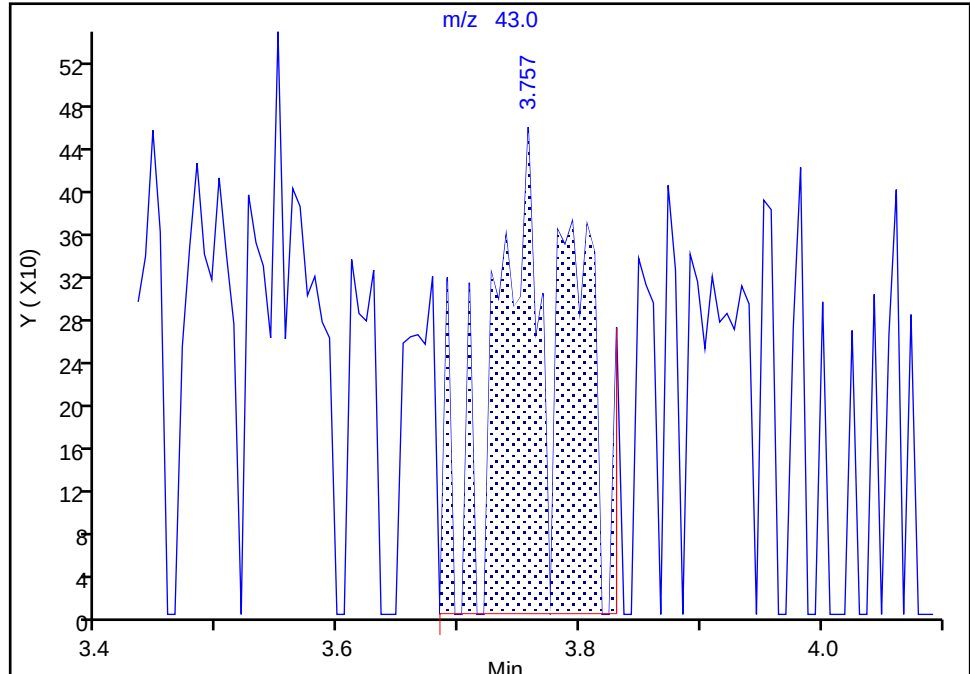
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

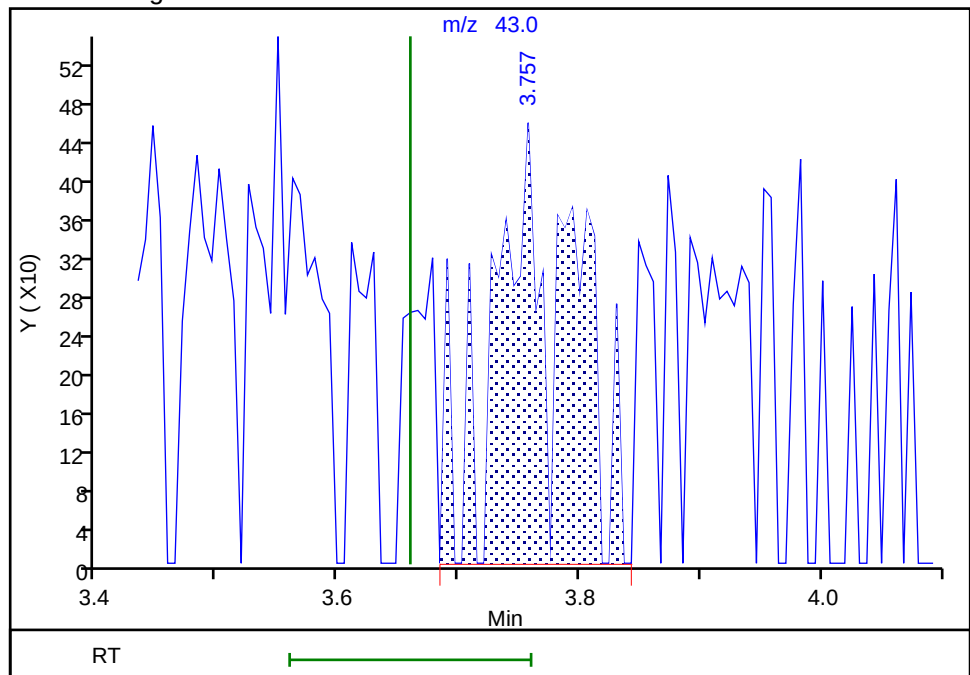
RT: 3.76  
Area: 2034  
Amount: 0.144681  
Amount Units: ug/l

## Processing Integration Results



RT: 3.76  
Area: 2034  
Amount: 0.149302  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:15:07 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

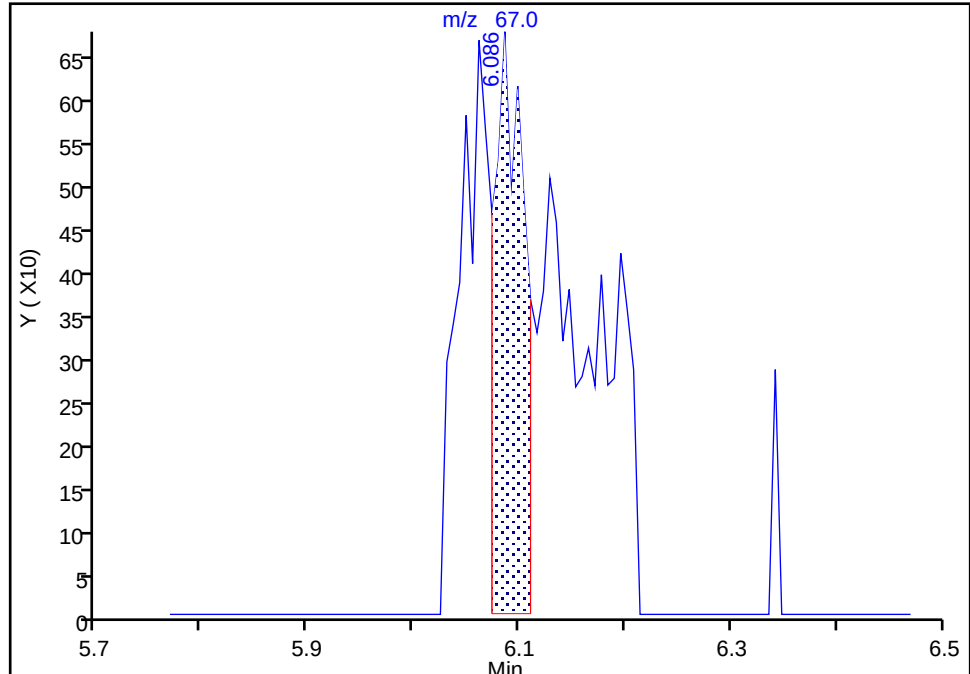
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**47 Methacrylonitrile, CAS: 126-98-7**

Signal: 1

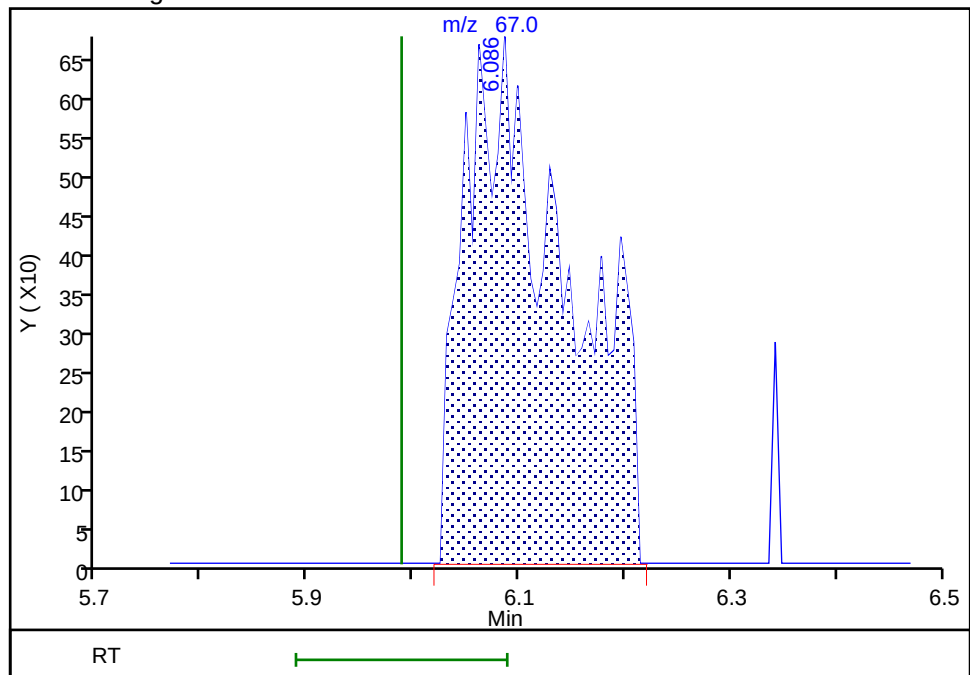
RT: 6.09  
Area: 1321  
Amount: 0.637383  
Amount Units: ug/l

## Processing Integration Results



RT: 6.09  
Area: 4500  
Amount: 0.458211  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:15:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D

Injection Date: 09-Jul-2025 04:37:30

Instrument ID: 19094

Lims ID: IC std2 0.06

Client ID:

Operator ID: gaw91131

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

MSV - 8260C\_D

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

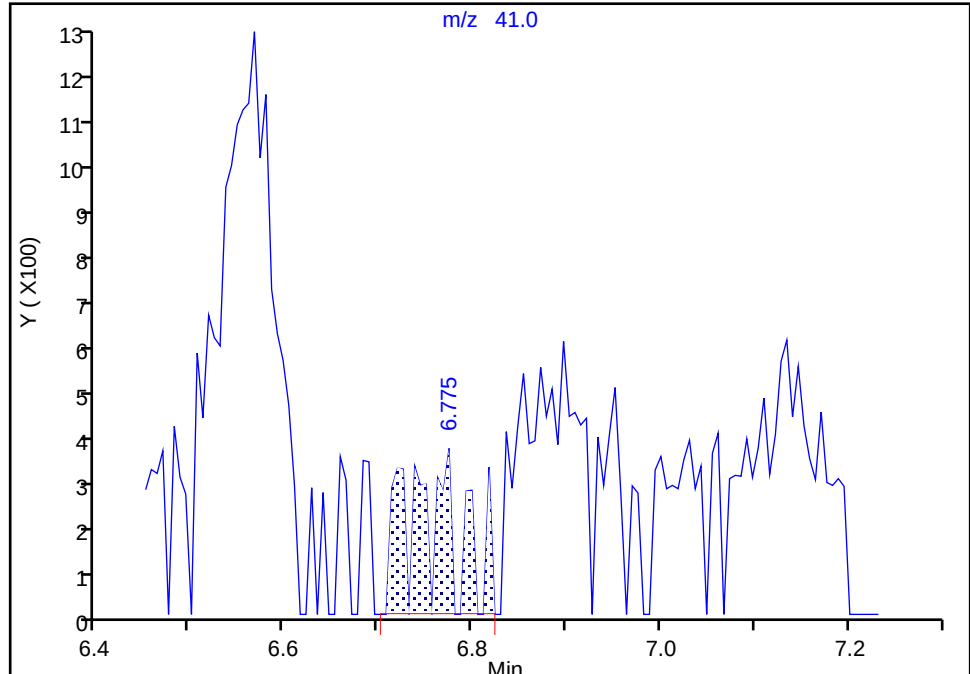
MS Quad

**57 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

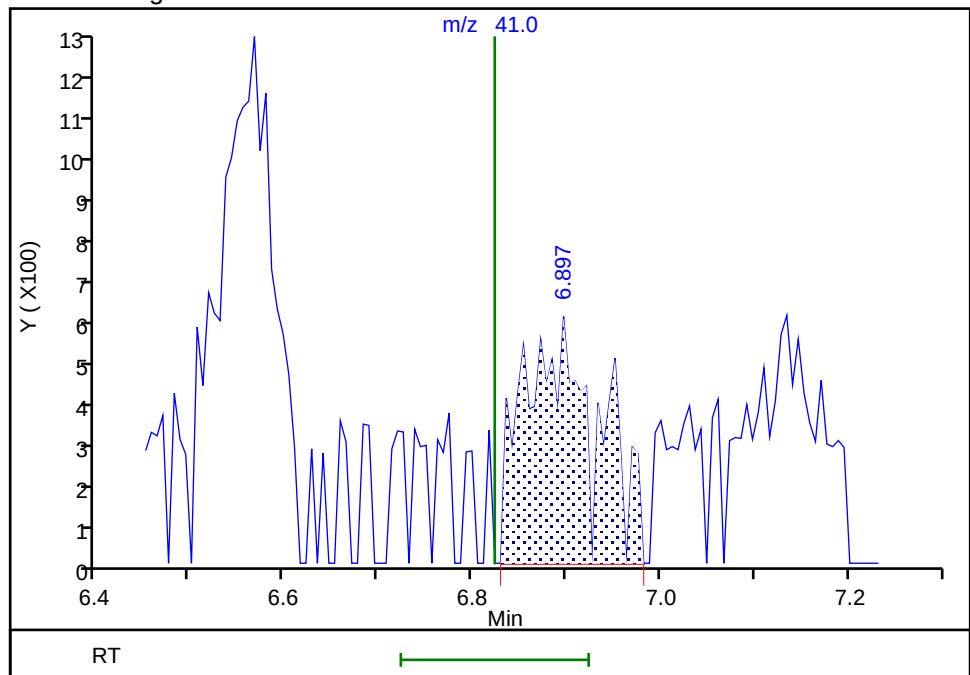
RT: 6.77  
Area: 1255  
Amount: 2.013227  
Amount Units: ug/l

## Processing Integration Results



RT: 6.90  
Area: 3100  
Amount: 4.547241  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:15:35 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

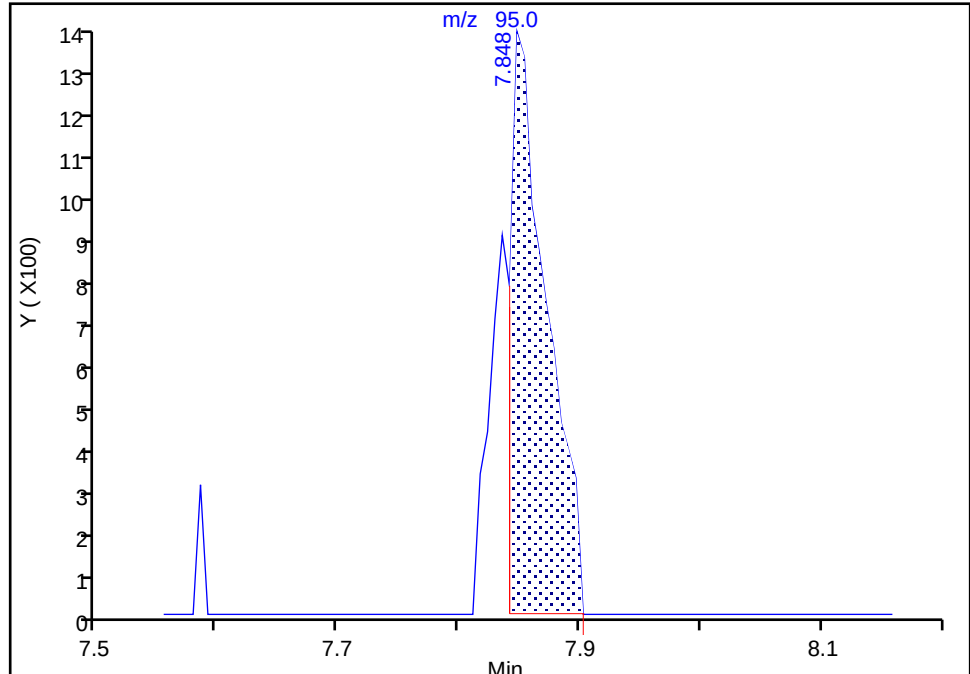
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**68 Trichloroethene, CAS: 79-01-6**

Signal: 1

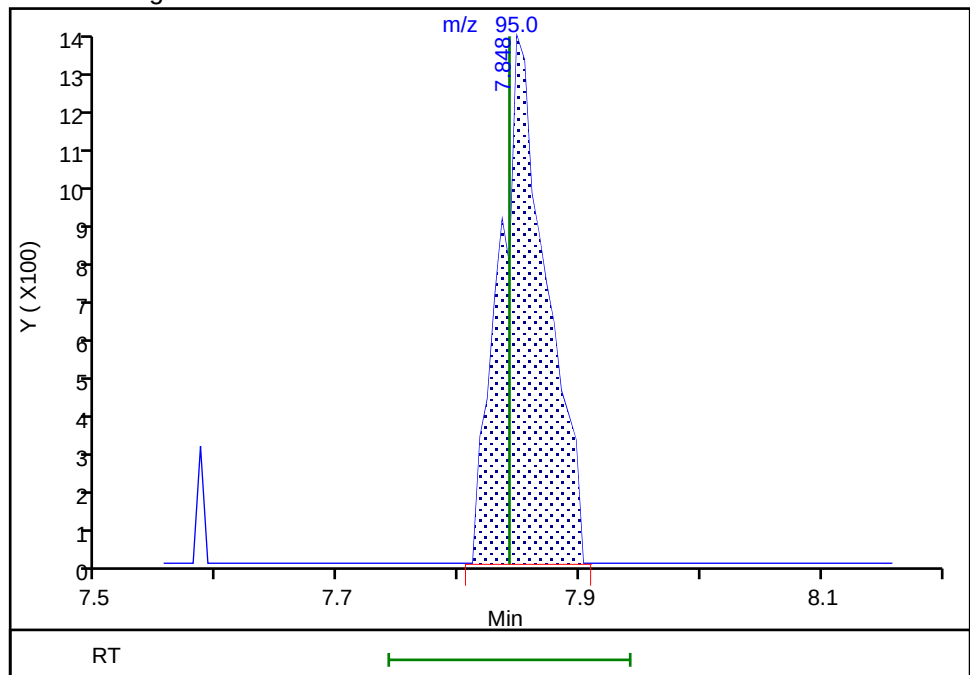
RT: 7.85  
Area: 2784  
Amount: 0.038705  
Amount Units: ug/l

## Processing Integration Results



RT: 7.85  
Area: 3623  
Amount: 0.060976  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:15:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

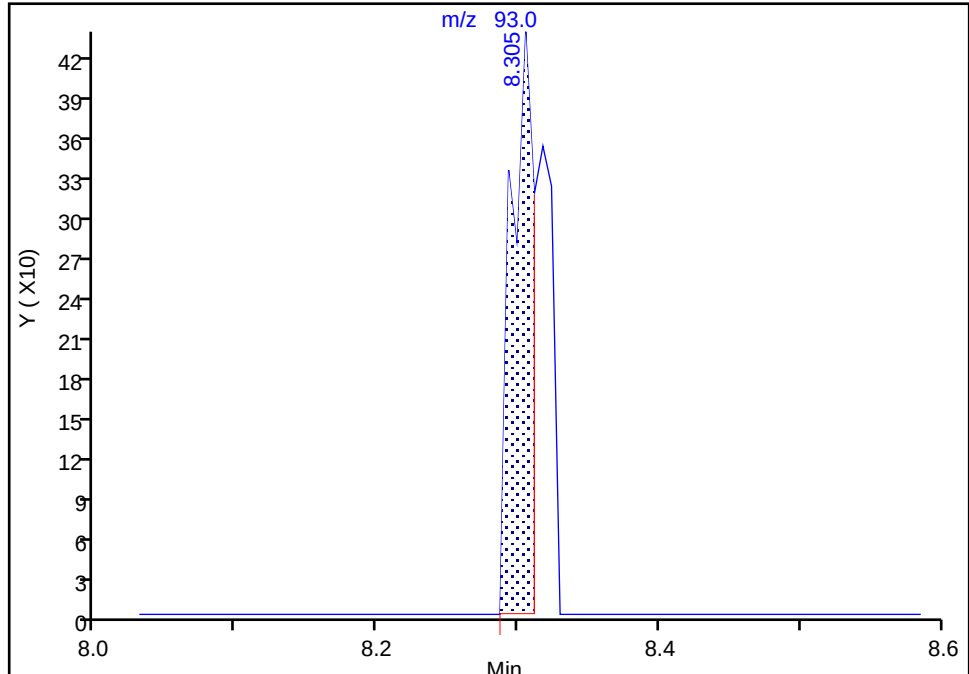
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**74 Dibromomethane, CAS: 74-95-3**

Signal: 1

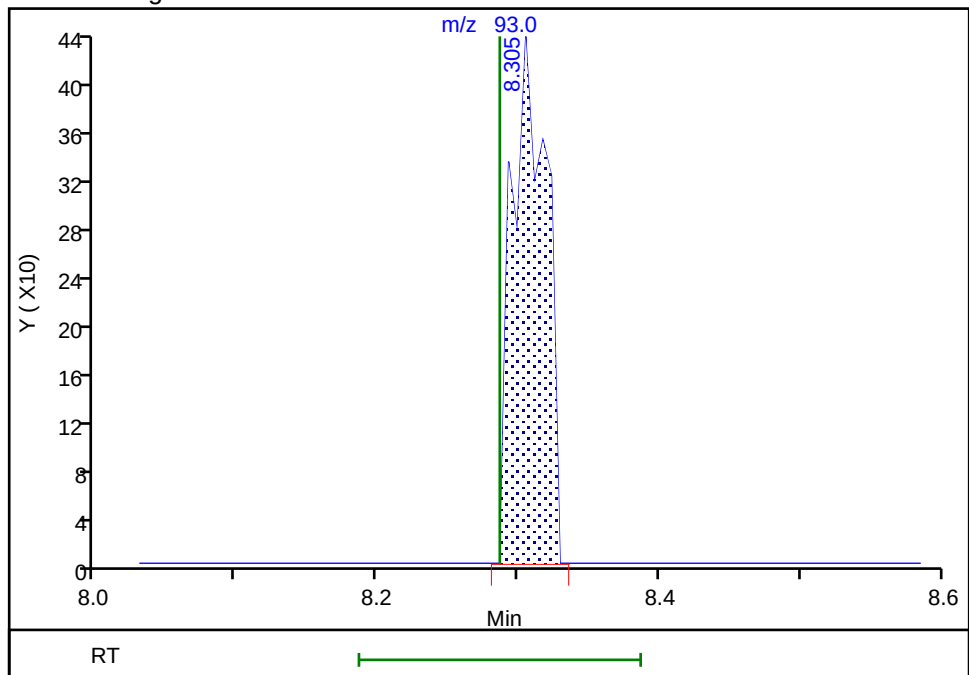
RT: 8.31  
Area: 499  
Amount: 0.026764  
Amount Units: ug/l

## Processing Integration Results



RT: 8.31  
Area: 745  
Amount: 0.036874  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:15:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

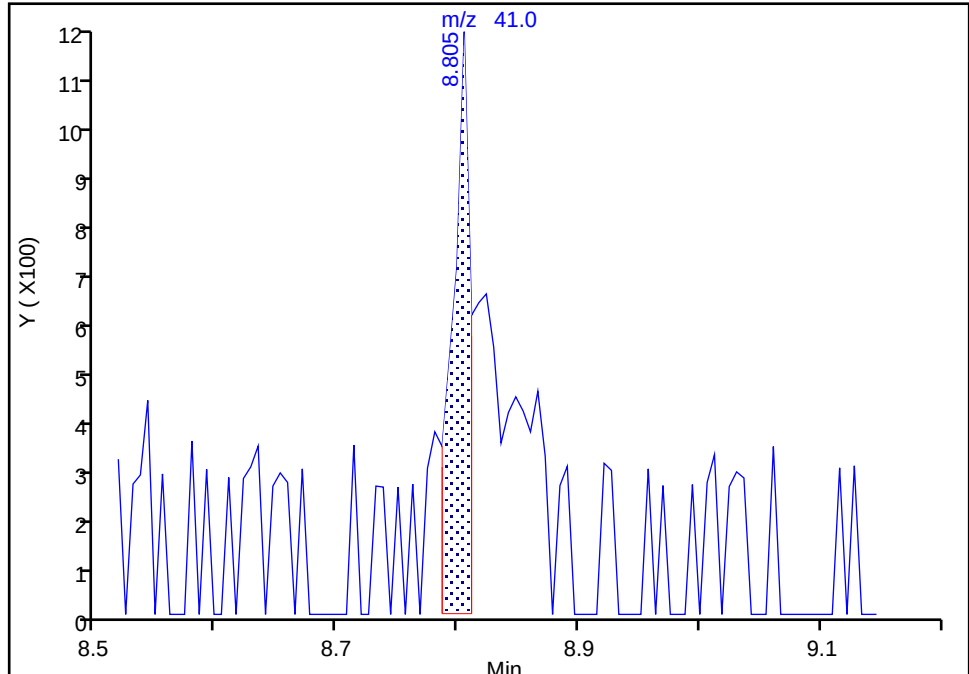
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

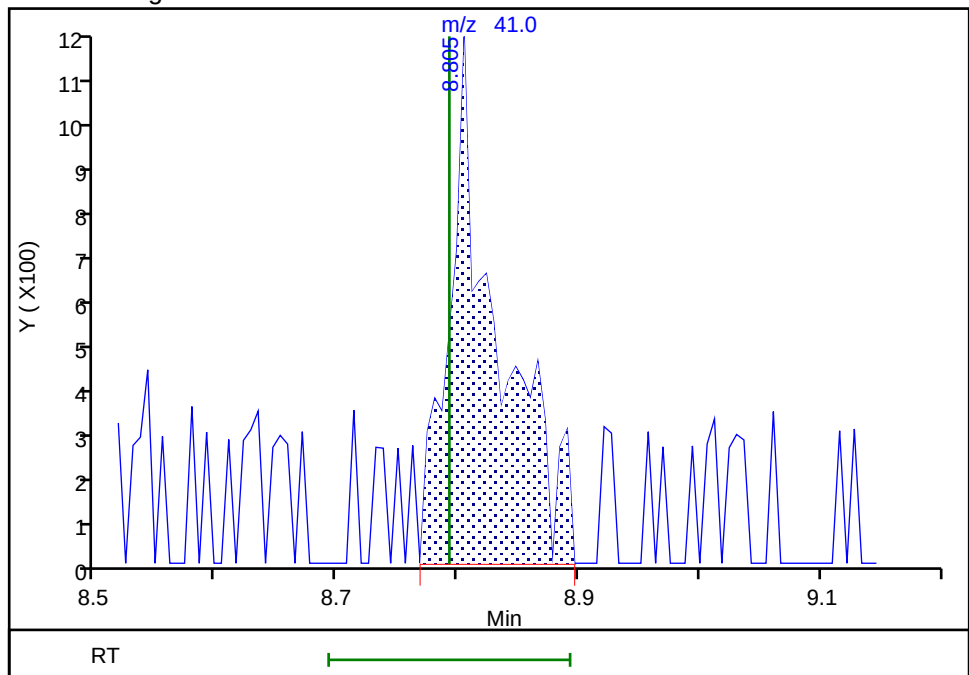
RT: 8.80  
Area: 1194  
Amount: 0.172197  
Amount Units: ug/l

## Processing Integration Results



RT: 8.80  
Area: 3259  
Amount: 0.525214  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:15:55 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins Lancaster Laboratories Environment Testing, LLC

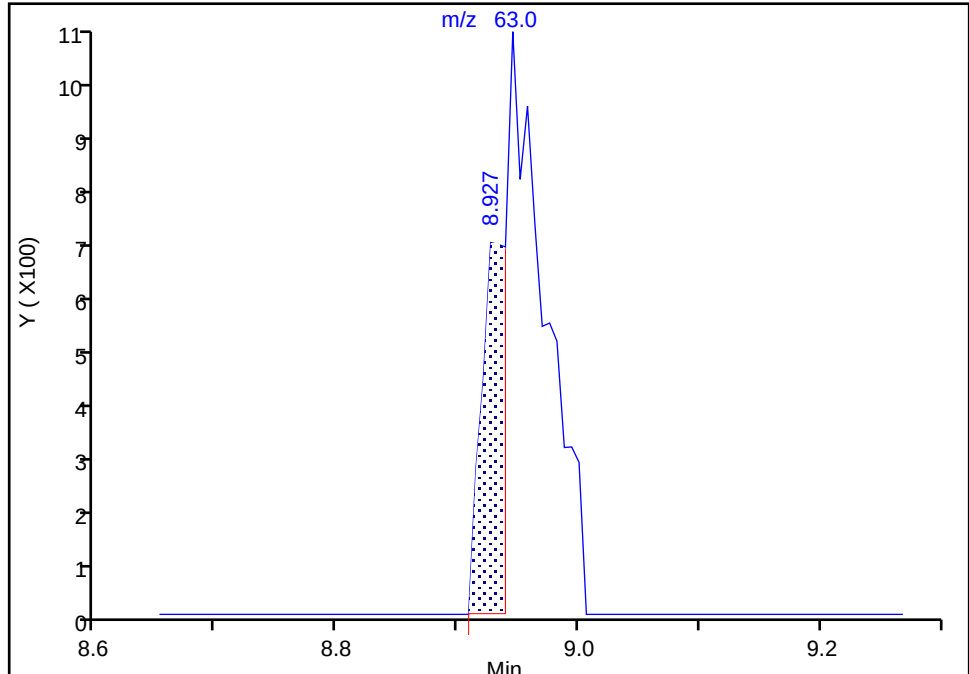
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**79 1-Bromo-2-chloroethane, CAS: 107-04-0**

Signal: 1

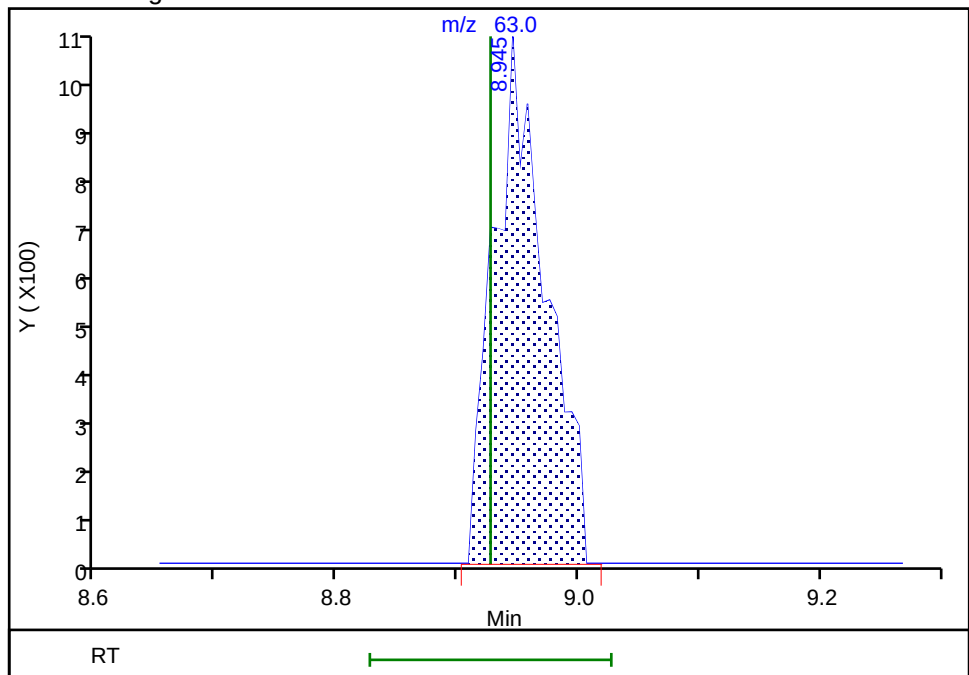
RT: 8.93  
Area: 991  
Amount: 0.022394  
Amount Units: ug/l

## Processing Integration Results



RT: 8.95  
Area: 3153  
Amount: 0.064788  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:16:01 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

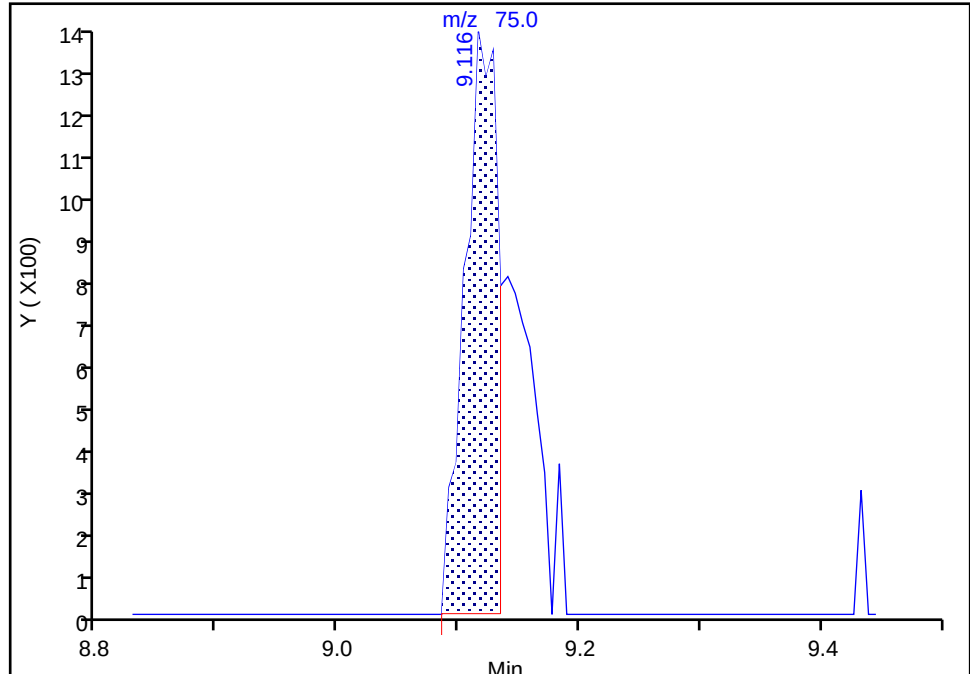
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**80 cis-1,3-Dichloropropene, CAS: 10061-01-5**

Signal: 1

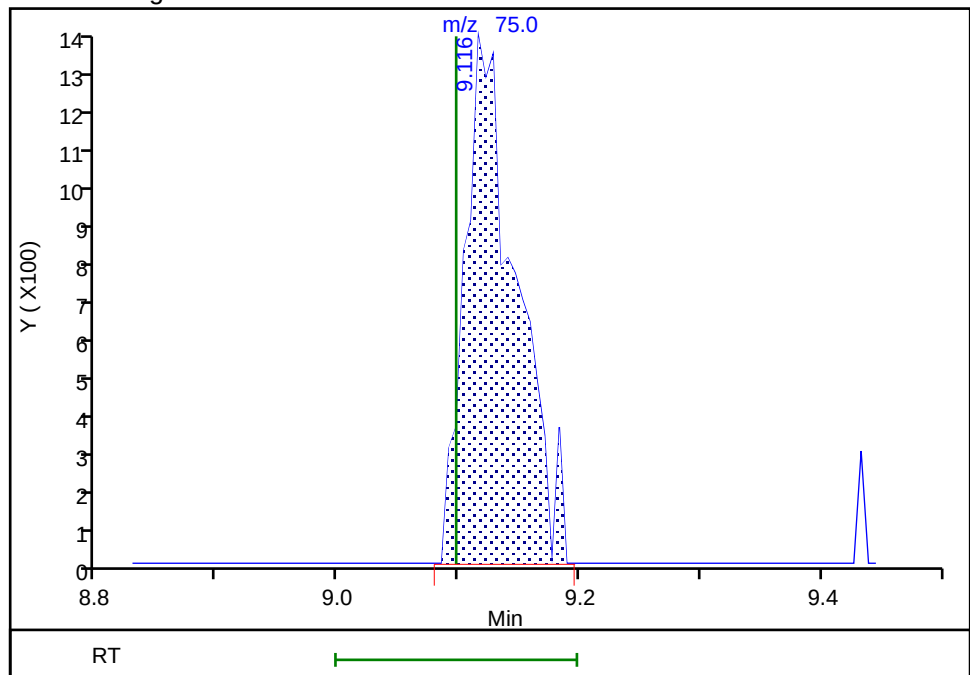
RT: 9.12  
Area: 2503  
Amount: 0.031393  
Amount Units: ug/l

## Processing Integration Results



RT: 9.12  
Area: 3925  
Amount: 0.052717  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:16:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

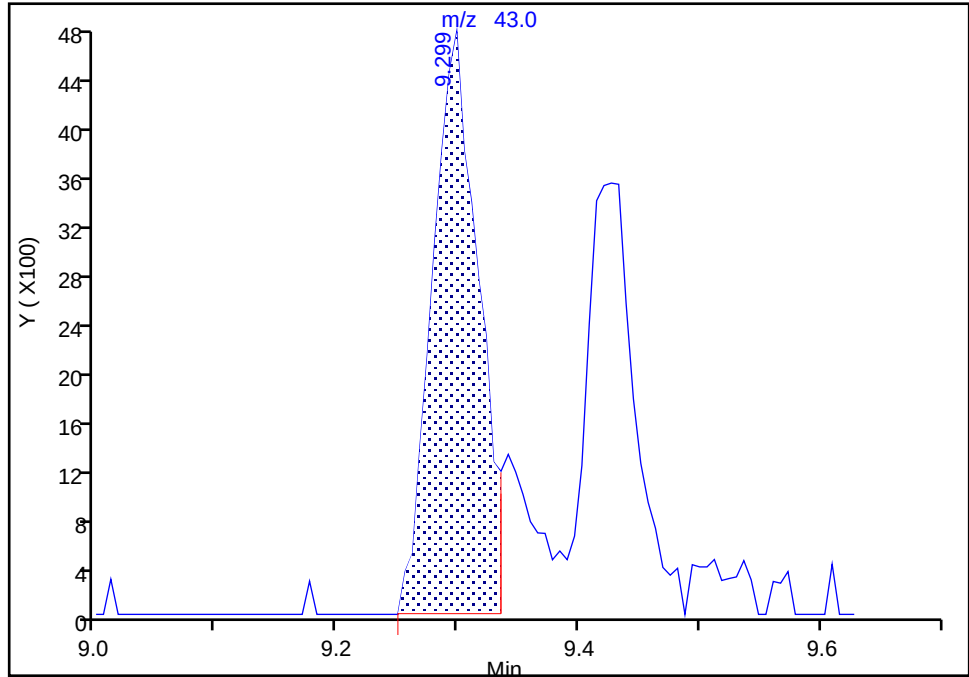
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1**

Signal: 1

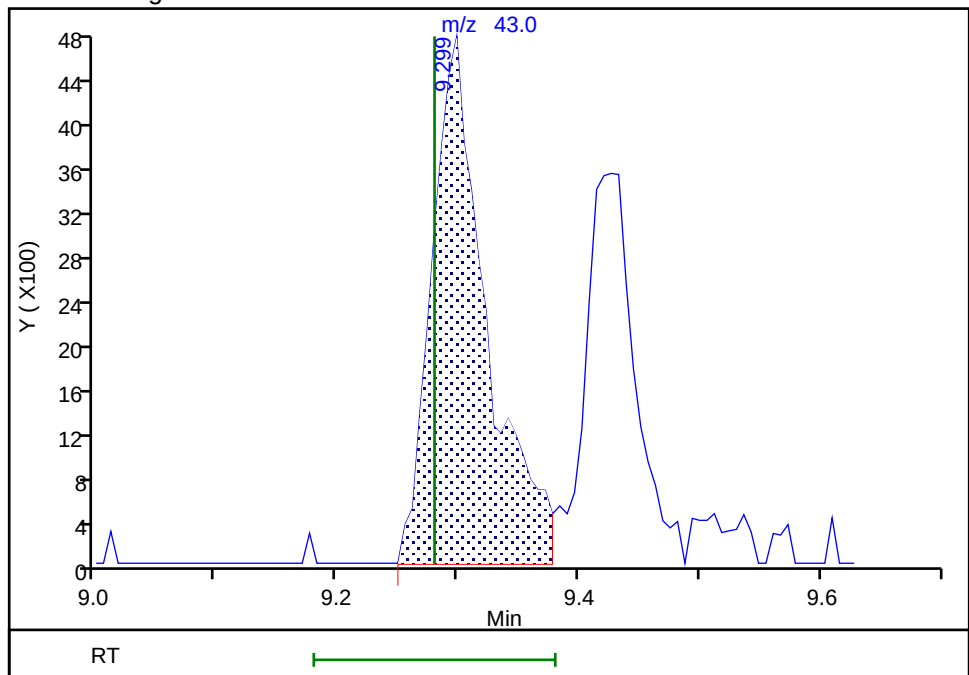
RT: 9.30  
Area: 12692  
Amount: 0.463099  
Amount Units: ug/l

## Processing Integration Results



RT: 9.30  
Area: 14864  
Amount: 0.534505  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:16:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

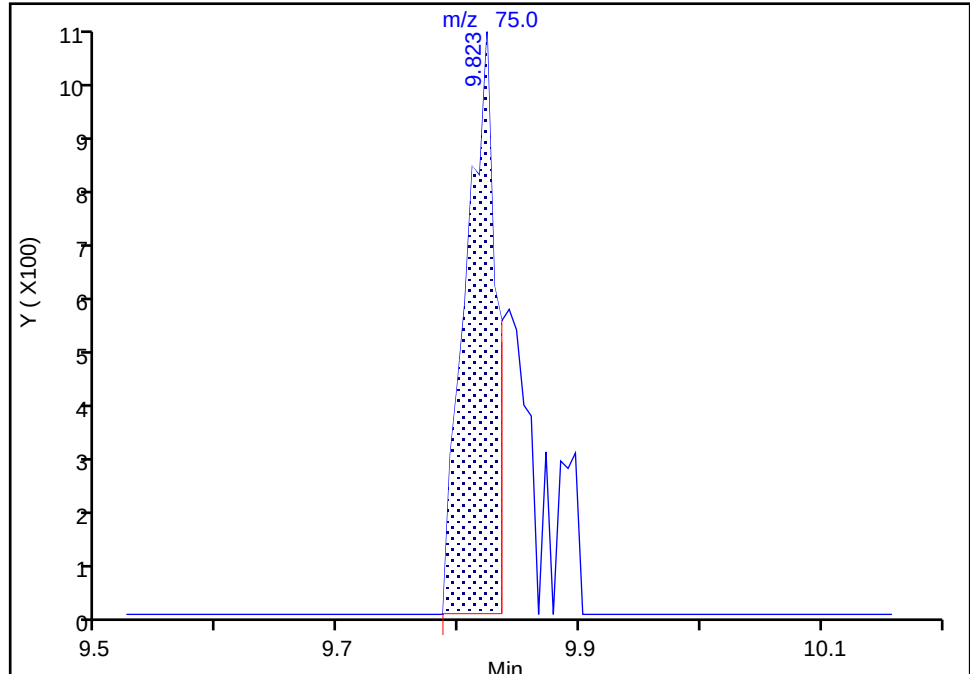
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**85 trans-1,3-Dichloropropene, CAS: 10061-02-6**

Signal: 1

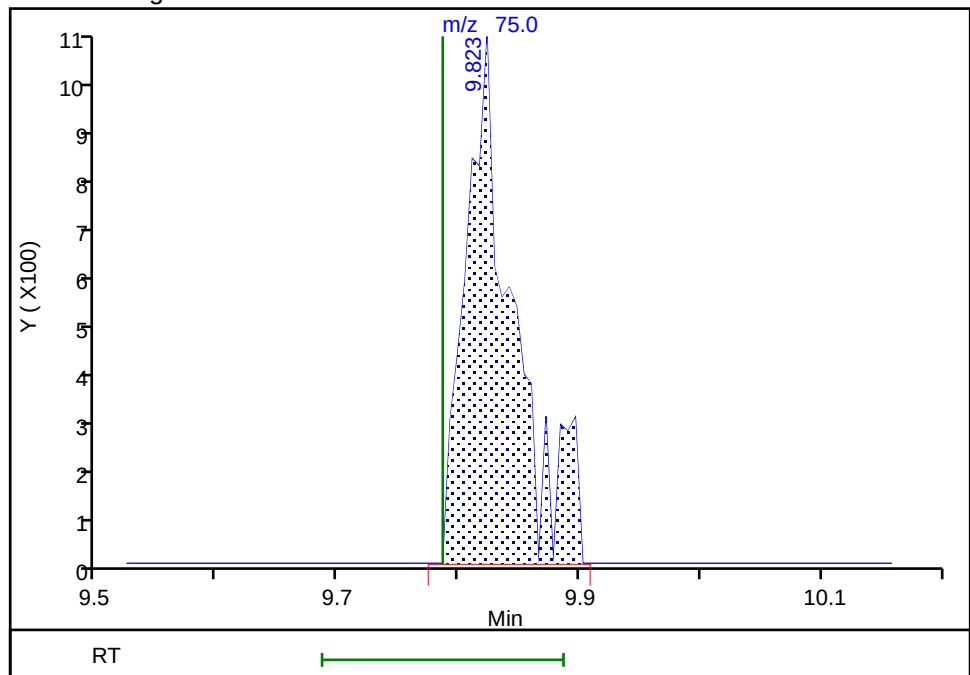
RT: 9.82  
Area: 1794  
Amount: 0.061813  
Amount Units: ug/l

## Processing Integration Results



RT: 9.82  
Area: 2833  
Amount: 0.049853  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:16:21 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

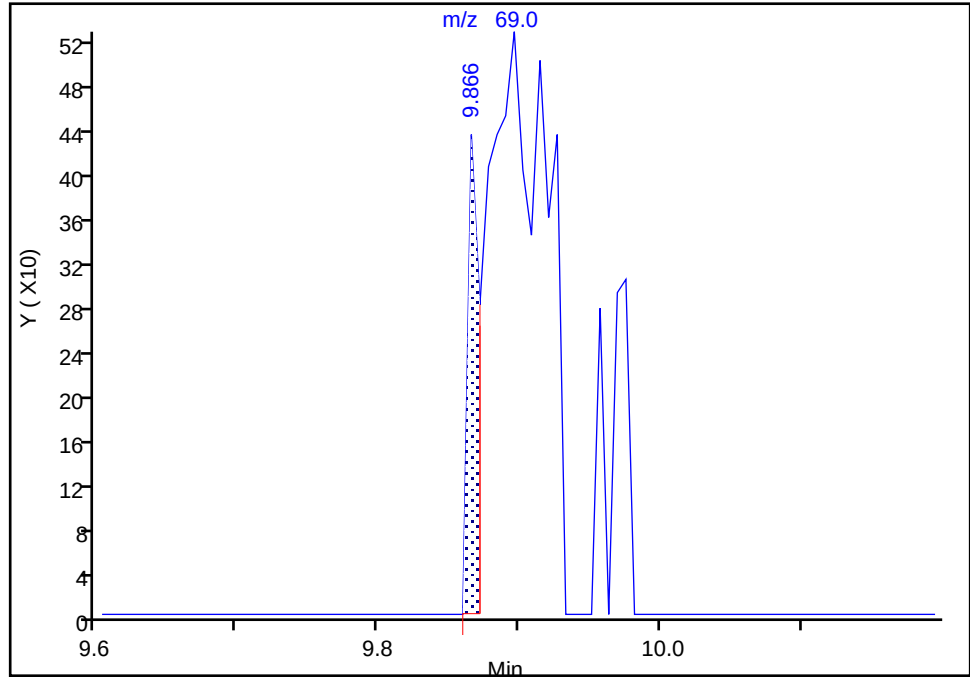
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

104 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

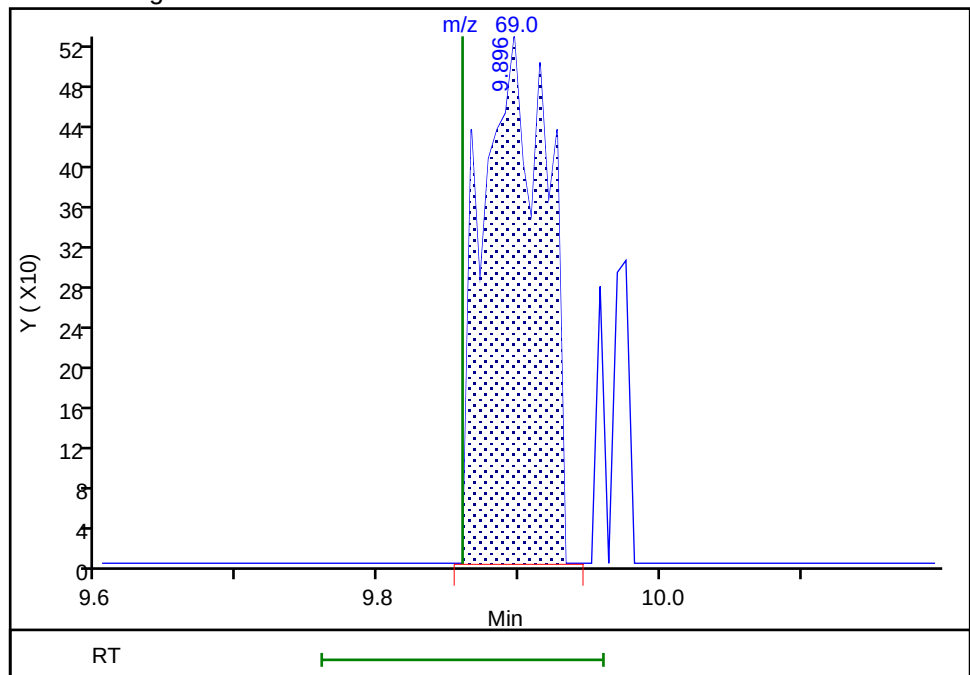
RT: 9.87  
Area: 261  
Amount: 0.064827  
Amount Units: ug/l

## Processing Integration Results



RT: 9.90  
Area: 1672  
Amount: 0.041622  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:16:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

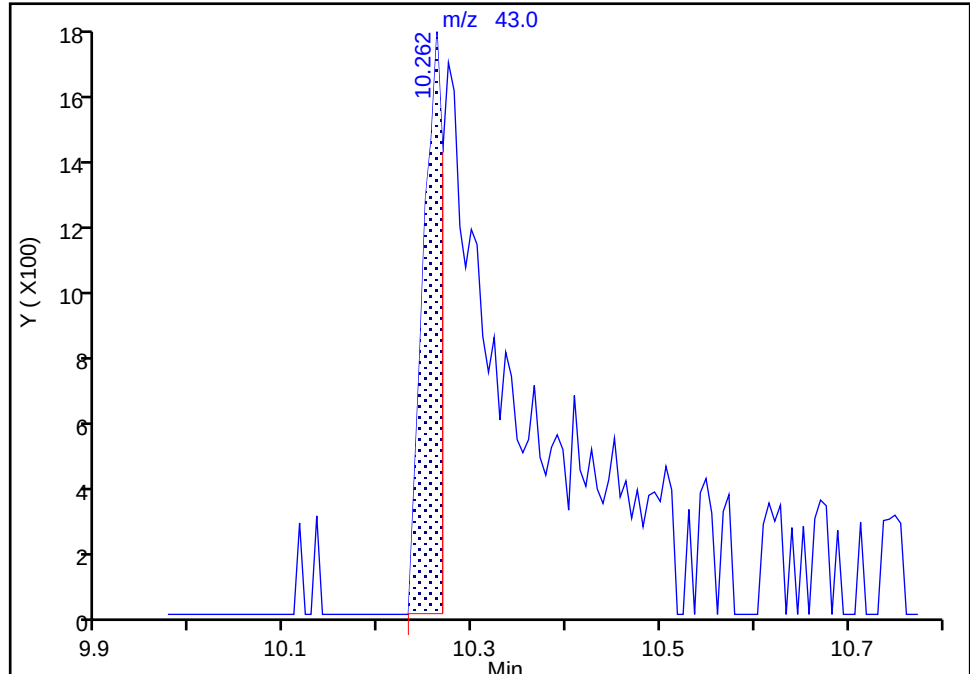
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) Detector: MS Quad

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

Signal: 1

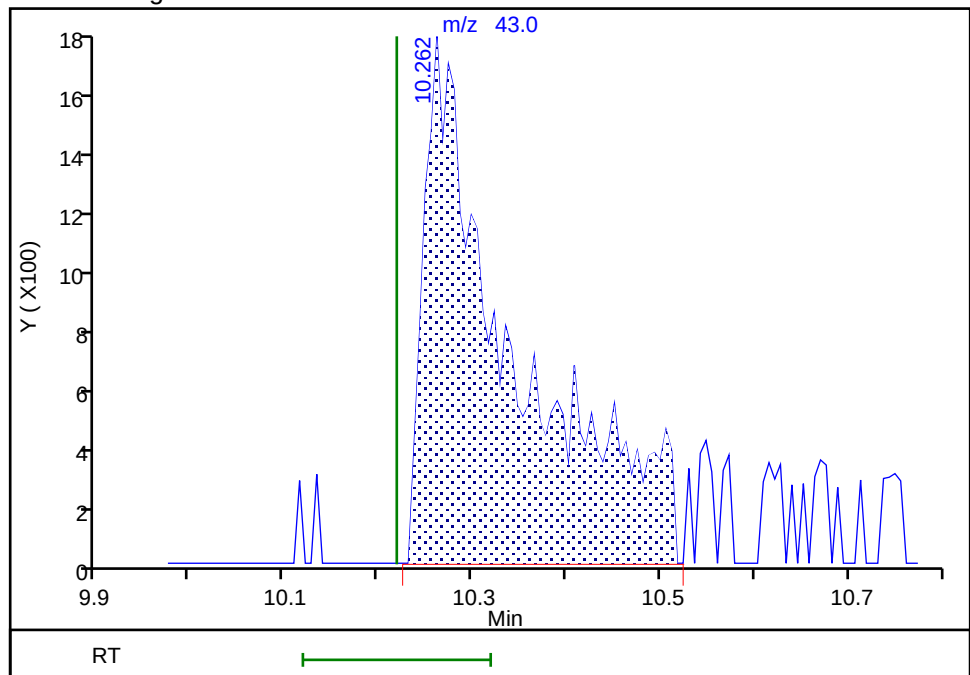
RT: 10.26  
Area: 2530  
Amount: 0.144939  
Amount Units: ug/l

## Processing Integration Results



RT: 10.26  
Area: 11341  
Amount: 0.638224  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:16:32 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

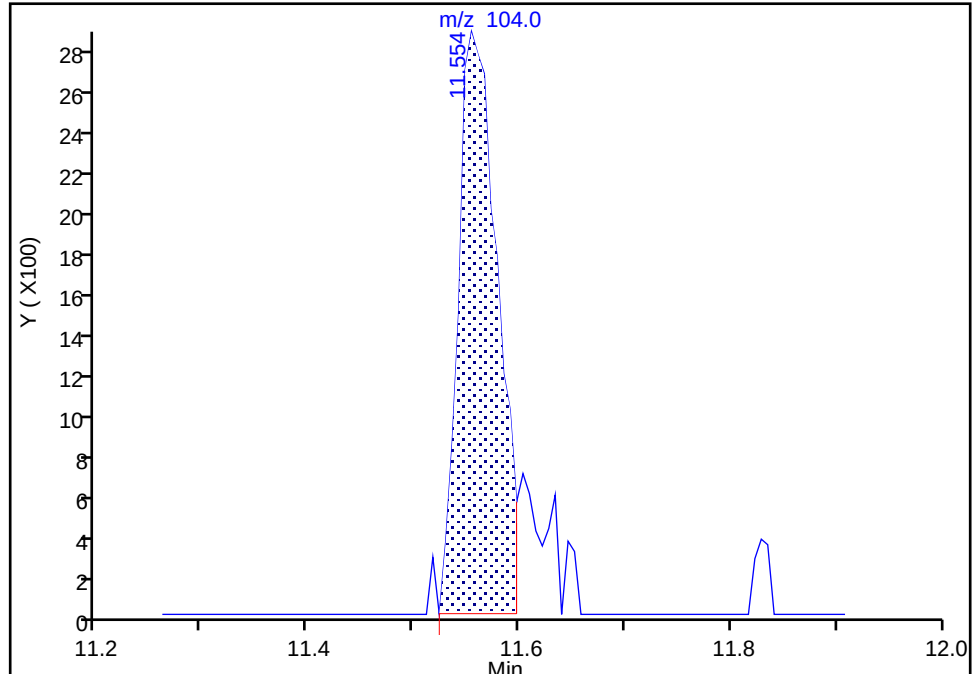
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**121 Styrene, CAS: 100-42-5**

Signal: 1

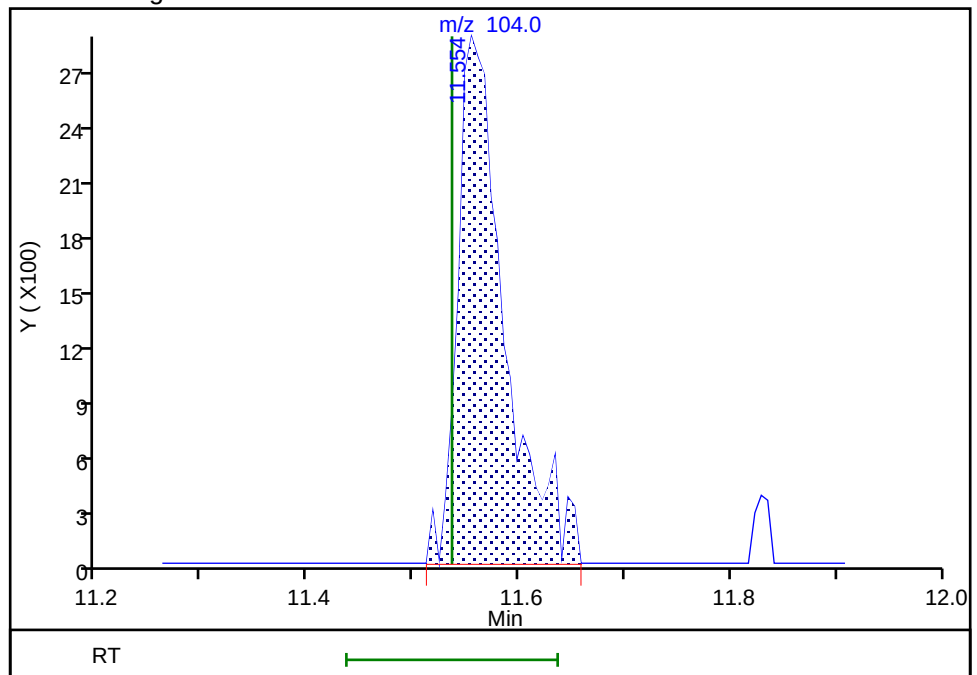
RT: 11.55  
Area: 7286  
Amount: 0.045234  
Amount Units: ug/l

## Processing Integration Results



RT: 11.55  
Area: 8731  
Amount: 0.053319  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:16:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

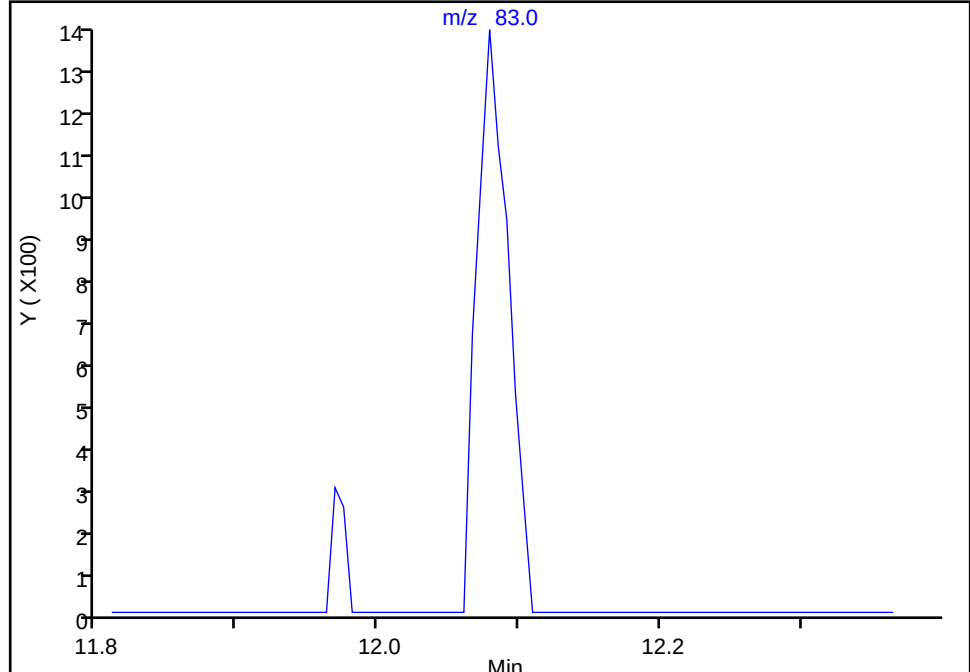
## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

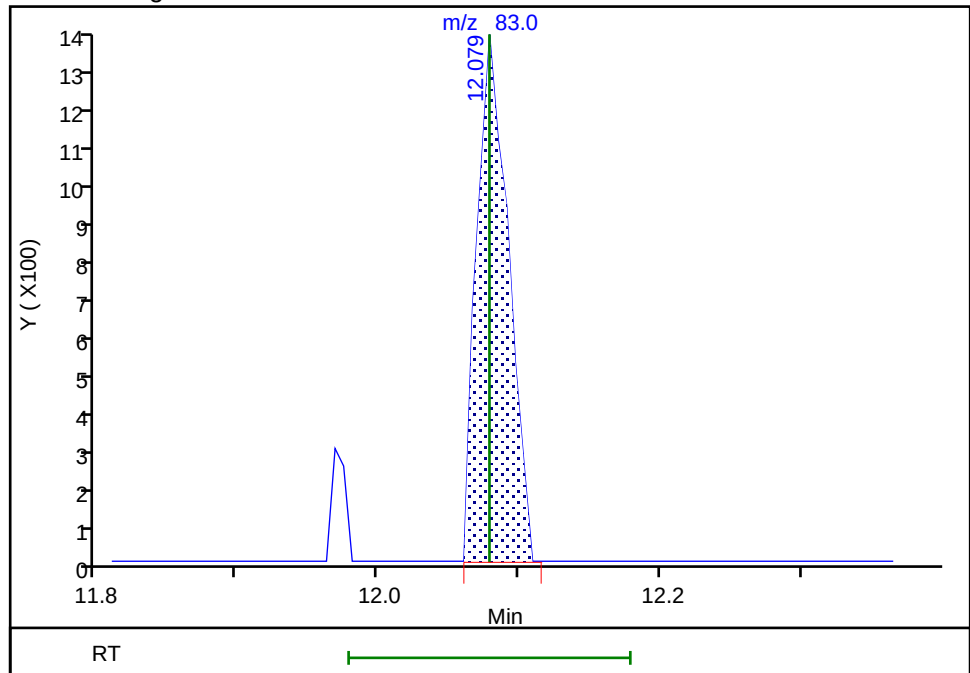
Not Detected  
Expected RT: 12.08

## Processing Integration Results



RT: 12.08  
Area: 2155  
Amount: 0.059154  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:16:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



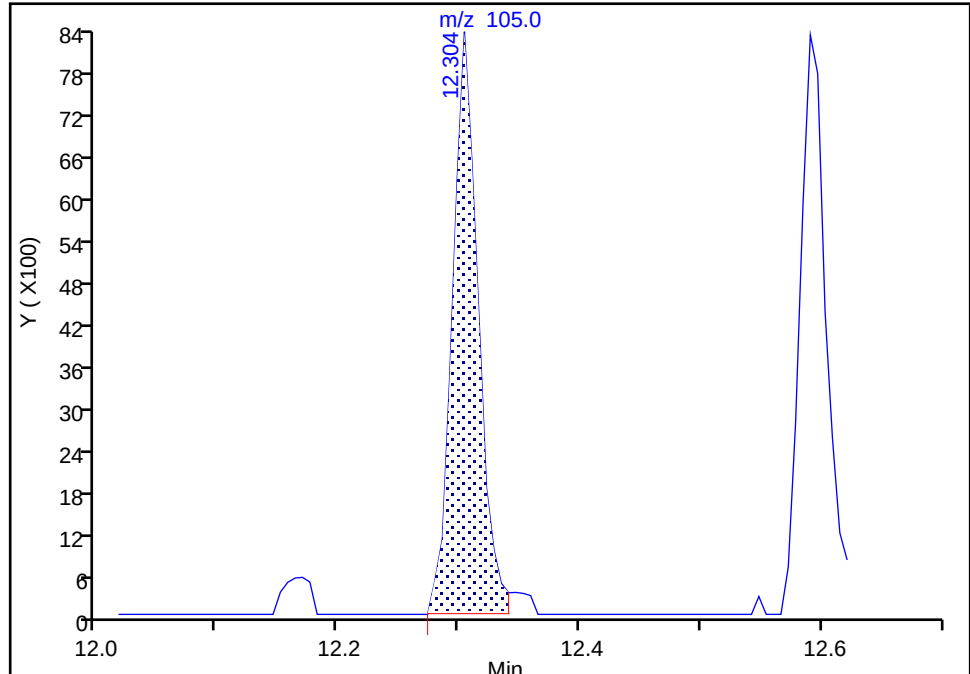
## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) Detector: MS Quad

**133 1,3,5-Trimethylbenzene, CAS: 108-67-8**  
Signal: 1

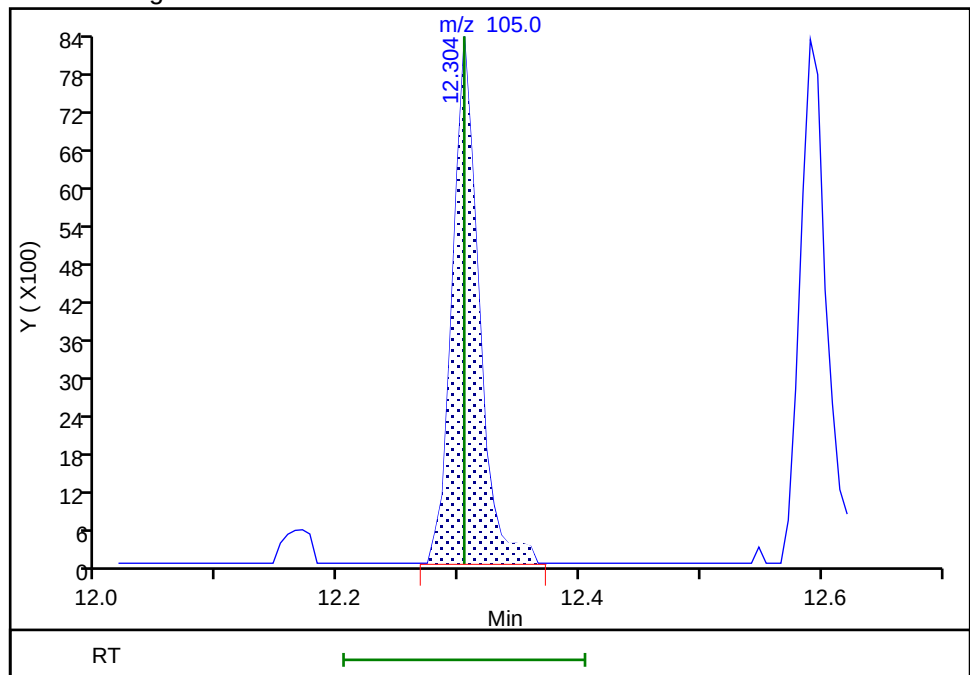
RT: 12.30  
Area: 12290  
Amount: 0.044324  
Amount Units: ug/l

## Processing Integration Results



RT: 12.30  
Area: 12613  
Amount: 0.054796  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:17:07 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

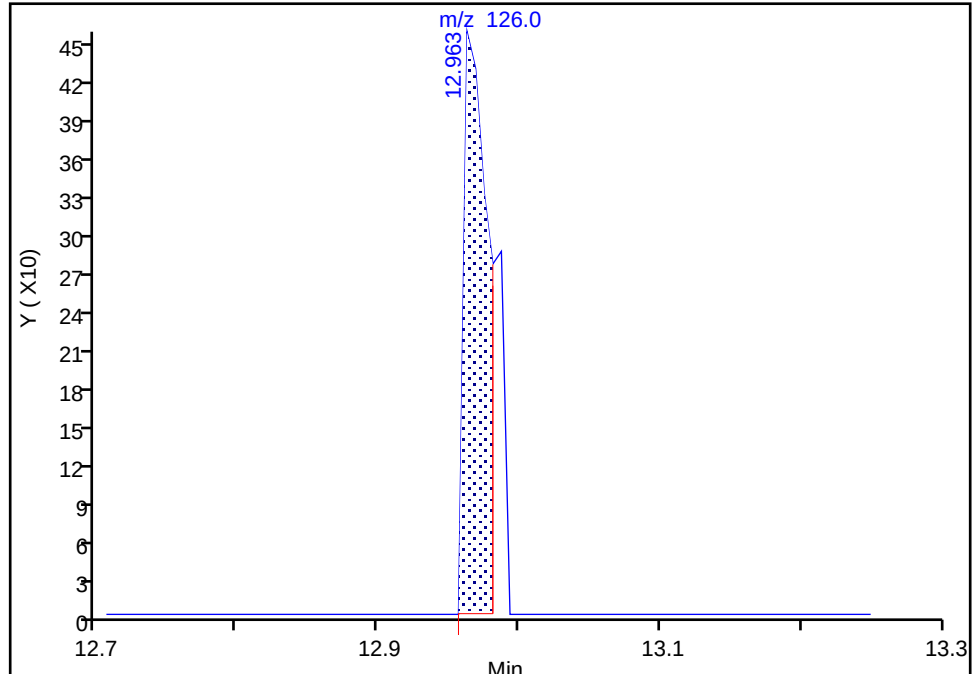
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D  
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094  
Lims ID: IC std2 0.06  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**144 Benzyl chloride, CAS: 100-44-7**

Signal: 1

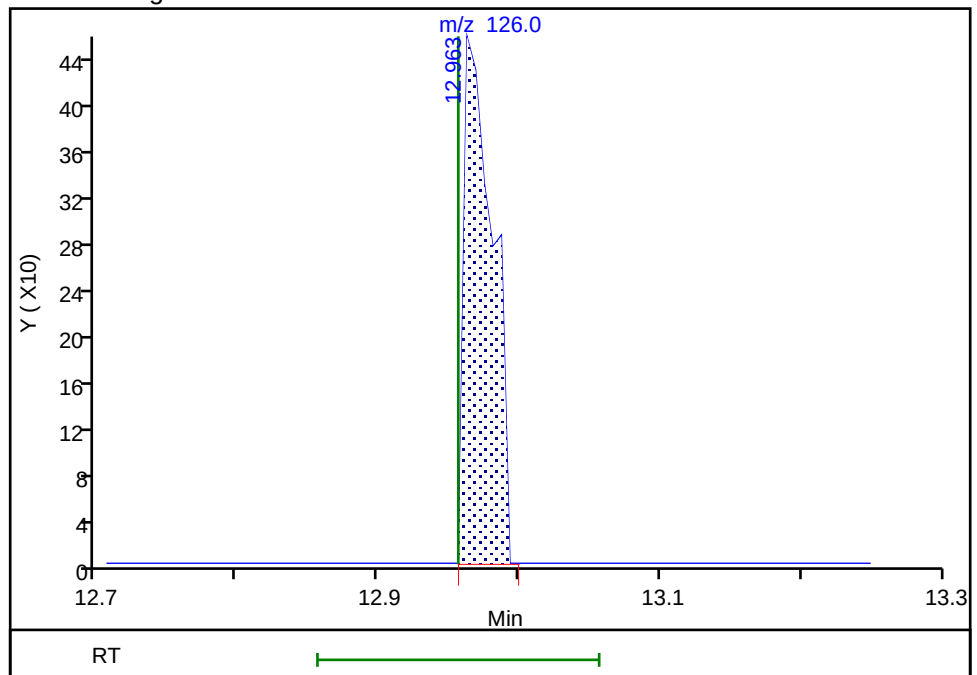
RT: 12.96  
Area: 548  
Amount: 0.038736  
Amount Units: ug/l

## Processing Integration Results



RT: 12.96  
Area: 652  
Amount: 0.045392  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:17:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
 Lims ID: IC std3 0.2  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 09-Jul-2025 04:58:30 ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-015  
 Misc. Info.: IC STD3 0.2  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 16:05:01 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 01:22:18

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.824     | 1.831         | -0.007        | 91  | 10896    | 0.2000       | 0.1816         |       |
| 5 Chloromethane                     | 50  | 2.001     | 2.013         | -0.012        | 99  | 16319    | 0.2000       | 0.2059         |       |
| 7 Butadiene                         | 39  | 2.093     | 2.105         | -0.012        | 95  | 14128    | 0.2000       | 0.1854         |       |
| 6 Vinyl chloride                    | 62  | 2.111     | 2.123         | -0.012        | 79  | 14044    | 0.2000       | 0.1959         |       |
| 9 Bromomethane                      | 94  | 2.385     | 2.391         | -0.006        | 90  | 10656    | 0.2000       | 0.2093         |       |
| 10 Chloroethane                     | 64  | 2.465     | 2.477         | -0.012        | 97  | 9729     | 0.2000       | 0.2162         |       |
| 11 Dichlorofluoromethane            | 67  | 2.678     | 2.690         | -0.012        | 97  | 24545    | 0.2000       | 0.2039         |       |
| 12 Trichlorofluoromethane           | 101 | 2.776     | 2.788         | -0.012        | 51  | 16541    | 0.2000       | 0.1779         |       |
| 14 Ethyl ether                      | 59  | 2.971     | 2.971         | 0.000         | 68  | 5694     | 0.2001       | 0.1805         |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.032     | 3.050         | -0.018        | 89  | 14258    | 0.2000       | 0.2056         |       |
| 16 Acrolein                         | 56  | 3.147     | 3.117         | 0.030         | 98  | 42306    | 9.76         | 8.79           | M     |
| 17 1,1-Dichloroethene               | 96  | 3.251     | 3.251         | 0.000         | 96  | 9876     | 0.2000       | 0.2103         |       |
| 19 Acetone                          | 43  | 3.330     | 3.275         | 0.055         | 33  | 13299    | 2.00         | 2.25           |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.275     | 3.294         | -0.019        | 52  | 9271     | 0.2000       | 0.2011         |       |
| 21 Iodomethane                      | 142 | 3.422     | 3.434         | -0.012        | 99  | 18331    | 0.2000       | 0.2035         |       |
| 22 Ethyl bromide                    | 108 | 3.446     | 3.458         | -0.012        | 95  | 8744     | 0.1998       | 0.2203         |       |
| 23 Carbon disulfide                 | 76  | 3.525     | 3.531         | -0.006        | 100 | 29965    | 0.2000       | 0.2081         |       |
| 24 Methyl acetate                   | 43  | 3.733     | 3.660         | 0.073         | 23  | 7151     | 0.2000       | 0.5064         | M     |
| 26 3-Chloro-1-propene               | 41  | 3.684     | 3.684         | 0.000         | 92  | 20600    | 0.2000       | 0.2221         |       |
| 27 Methylene Chloride               | 84  | 3.848     | 3.855         | -0.007        | 97  | 10281    | 0.2000       | 0.2087         |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.855     | 3.891         | -0.036        | 97  | 83156    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.970     | 3.995         | -0.025        | 28  | 7410     | 4.00         | 4.10           | M     |
| 31 Acrylonitrile                    | 53  |           | 4.184         |               |     |          | ND           | ND             |       |
| 32 Methyl tert-butyl ether          | 73  | 4.208     | 4.214         | -0.006        | 95  | 22002    | 0.2000       | 0.2038         |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.245     | 4.239         | 0.006         | 98  | 10891    | 0.2000       | 0.2093         |       |
| 34 Hexane                           | 57  | 4.659     | 4.659         | 0.000         | 95  | 15138    | 0.2000       | 0.1917         |       |
| 36 1,1-Dichloroethane               | 63  | 4.885     | 4.891         | -0.006        | 94  | 20154    | 0.2000       | 0.2004         |       |
| 37 Isopropyl ether                  | 45  | 4.952     | 4.952         | 0.000         | 94  | 35572    | 0.2000       | 0.2096         |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 5.007     | 5.001         | 0.006         | 88  | 17900    | 0.2000       | 0.2058         | M     |
| 40 Tert-butyl ethyl ether           | 59  | 5.488     | 5.495         | -0.006        | 97  | 30125    | 0.2000       | 0.2047         |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.781     | 5.690         | 0.091         | 78 | 17339    | 2.00         | 1.71           | M     |
| 42 cis-1,2-Dichloroethene          | 96  | 5.738     | 5.732         | 0.006         | 81 | 11873    | 0.2000       | 0.2097         |       |
| 43 2,2-Dichloropropane             | 77  | 5.738     | 5.744         | -0.006        | 73 | 18843    | 0.2000       | 0.2143         |       |
| 44 Propionitrile                   | 54  | 6.007     | 5.775         | 0.232         | 17 | 5274     | 4.00         | 2.09           | M     |
| 47 Methacrylonitrile               | 67  | 6.025     | 5.988         | 0.037         | 90 | 16662    | 2.00         | 1.64           | M     |
| 48 Chlorobromomethane              | 128 | 6.074     | 6.068         | 0.006         | 85 | 4094     | 0.2000       | 0.1911         |       |
| 49 Tetrahydrofuran                 | 71  | 6.116     | 6.080         | 0.036         | 41 | 1490     | 1.00         | 0.5240         |       |
| S 46 1,2-Dichloroethene, Total     | 100 |           |               |               | 0  |          |              | 0.4190         |       |
| 50 Chloroform                      | 83  | 6.220     | 6.226         | -0.006        | 94 | 19601    | 0.2000       | 0.2099         |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.439     | 6.446         | -0.007        | 94 | 431324   | 10.0         | 10.0           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.452     | 6.458         | -0.006        | 98 | 17929    | 0.2000       | 0.2053         |       |
| 54 Cyclohexane                     | 56  | 6.555     | 6.561         | -0.006        | 91 | 20145    | 0.2000       | 0.1877         |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.677         | -0.006        | 91 | 14786    | 0.2000       | 0.2004         |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.677         | 0.000         | 92 | 15668    | 0.2000       | 0.1944         |       |
| 57 Isobutyl alcohol                | 41  | 6.884     | 6.824         | 0.060         | 30 | 9533     | 10.0         | 13.5           | M     |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 81 | 78343    | 10.0         | 10.1           |       |
| 59 Benzene                         | 78  | 6.939     | 6.939         | 0.000         | 96 | 46610    | 0.2000       | 0.2033         |       |
| 60 1,2-Dichloroethane              | 62  | 7.012     | 7.006         | 0.006         | 94 | 10204    | 0.2000       | 0.1982         |       |
| 63 Tert-amyl methyl ether          | 73  | 7.128     | 7.141         | -0.013        | 96 | 24191    | 0.2000       | 0.1899         |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.354         | -0.012        | 99 | 1849831  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 36 | 16959    | 0.2000       | 0.2031         |       |
| 67 n-Butanol                       | 56  | 7.951     | 7.732         | 0.219         | 22 | 5674     | 17.5         | 45.4           | M     |
| 68 Trichloroethene                 | 95  | 7.842     | 7.842         | 0.000         | 97 | 12557    | 0.2000       | 0.2092         | M     |
| 69 Methylcyclohexane               | 83  | 8.159     | 8.159         | 0.000         | 93 | 19474    | 0.2000       | 0.1864         |       |
| 70 1,2-Dichloropropane             | 63  | 8.177     | 8.177         | 0.000         | 88 | 10560    | 0.2000       | 0.1917         |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.189     | 8.195         | -0.006        | 91 | 17212    | 0.2000       | 0.2065         |       |
| 72 Methyl methacrylate             | 69  | 8.299     | 8.268         | 0.031         | 51 | 3174     | 0.2000       | 0.1529         | M     |
| 73 1,4-Dioxane                     | 88  |           | 8.287         |               |    |          | ND           | ND             |       |
| 74 Dibromomethane                  | 93  | 8.293     | 8.287         | 0.006         | 96 | 4269     | 0.2000       | 0.2092         | M     |
| 76 Dichlorobromomethane            | 83  | 8.530     | 8.531         | 0.000         | 98 | 12364    | 0.2000       | 0.2012         |       |
| 77 2-Nitropropane                  | 41  | 8.793     | 8.793         | 0.000         | 96 | 7390     | 1.00         | 1.15           | M     |
| 79 1-Bromo-2-chloroethane          | 63  | 8.939     | 8.927         | 0.012         | 96 | 10197    | 0.2000       | 0.2074         |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.110     | 9.097         | 0.013         | 94 | 14751    | 0.2000       | 0.1961         | M     |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.286     | 9.280         | 0.006         | 97 | 48068    | 2.00         | 1.67           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94 | 1867719  | 10.0         | 10.0           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 97 | 28809    | 0.2000       | 0.1990         |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.805     | 9.786         | 0.019         | 92 | 11519    | 0.2000       | 0.2009         | M     |
| 104 Ethyl methacrylate             | 69  | 9.878     | 9.860         | 0.018         | 91 | 8114     | 0.2000       | 0.2001         | M     |
| 106 1,1,2-Trichloroethane          | 97  | 10.006    | 10.000        | 0.006         | 88 | 6443     | 0.2000       | 0.2004         |       |
| S 105 1,3-Dichloropropene, Total   | 100 |           |               |               | 0  |          |              | 0.3970         |       |
| 107 Tetrachloroethene              | 166 | 10.091    | 10.091        | 0.000         | 96 | 14008    | 0.2000       | 0.2048         |       |
| 108 1,3-Dichloropropane            | 76  | 10.170    | 10.164        | 0.006         | 92 | 10576    | 0.2000       | 0.1890         |       |
| 109 2-Hexanone                     | 43  | 10.244    | 10.219        | 0.025         | 98 | 30093    | 2.00         | 1.63           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 89 | 7519     | 0.2000       | 0.1894         |       |
| 112 Ethylene Dibromide             | 107 | 10.512    | 10.500        | 0.012         | 96 | 5033     | 0.2000       | 0.1804         |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.951        | -0.006        | 87 | 1343086  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.969    | 10.963        | 0.006         | 90 | 18699    | 0.2000       | 0.2051         |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 96 | 31907    | 0.2000       | 0.2083         |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.067    | 11.060        | 0.007         | 91 | 9697     | 0.2000       | 0.1923         |       |
| 117 Ethylbenzene                   | 91  | 11.073    | 11.067        | 0.006         | 98 | 58754    | 0.2000       | 0.2056         |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.188    | 11.189        | -0.001        | 99 | 44021    | 0.4000       | 0.4052         |       |
| S 118 Xylenes, Total               | 106 |           |               |               | 0  |          |              | 0.5982         |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 120 o-Xylene                       | 106 | 11.524    | 11.518        | 0.006         | 97 | 19867    | 0.2000       | 0.1930         |       |
| 121 Styrene                        | 104 | 11.548    | 11.536        | 0.012         | 95 | 30805    | 0.2000       | 0.1864         |       |
| 122 Bromoform                      | 173 | 11.694    | 11.695        | -0.001        | 97 | 3664     | 0.2000       | 0.1785         |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 96 | 50618    | 0.2000       | 0.2011         |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 90 | 675483   | 10.0         | 10.0           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.079    | 12.079        | 0.000         | 59 | 7205     | 0.2000       | 0.1967         | M     |
| 128 Bromobenzene                   | 156 | 12.091    | 12.091        | 0.000         | 94 | 12032    | 0.2000       | 0.2023         |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.109    | 12.103        | 0.006         | 93 | 17609    | 2.00         | 1.65           |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.127    | 12.121        | 0.006         | 77 | 1856     | 0.2000       | 0.2021         |       |
| 131 N-Propylbenzene                | 91  | 12.164    | 12.164        | 0.000         | 99 | 63725    | 0.2000       | 0.1927         |       |
| 132 2-Chlorotoluene                | 126 | 12.237    | 12.237        | 0.000         | 96 | 12429    | 0.2000       | 0.1968         |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.304    | 12.304        | 0.000         | 93 | 46466    | 0.2000       | 0.2007         |       |
| 134 4-Chlorotoluene                | 126 | 12.335    | 12.329        | 0.006         | 97 | 12425    | 0.2000       | 0.1953         |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 93 | 9928     | 0.2000       | 0.1943         |       |
| 136 Pentachloroethane              | 167 | 12.572    | 12.572        | 0.000         | 82 | 6538     | 0.2000       | 0.1942         |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.591    | 12.585        | 0.006         | 97 | 46296    | 0.2000       | 0.1970         |       |
| 138 sec-Butylbenzene               | 105 | 12.706    | 12.707        | -0.001        | 94 | 58887    | 0.2000       | 0.1974         |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.810    | 12.804        | 0.006         | 98 | 24106    | 0.2000       | 0.2027         |       |
| 140 4-Isopropyltoluene             | 119 | 12.822    | 12.822        | 0.000         | 98 | 50415    | 0.2000       | 0.1972         |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 95 | 743381   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 95 | 25632    | 0.2000       | 0.2092         |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.895    | 12.889        | 0.006         | 95 | 19961    | 0.2000       | 0.2015         |       |
| 144 Benzyl chloride                | 126 | 12.969    | 12.956        | 0.013         | 98 | 2883     | 0.2000       | 0.1996         |       |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 95 | 28899    | 0.2000       | 0.1929         |       |
| 146 n-Butylbenzene                 | 92  | 13.115    | 13.115        | 0.000         | 97 | 22673    | 0.2000       | 0.1882         |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.145    | 13.139        | 0.006         | 98 | 20892    | 0.2000       | 0.2014         |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 | 13.694    | 13.688        | 0.006         | 82 | 880      | 0.2000       | 0.1810         |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.816    | 13.816        | 0.000         | 97 | 16922    | 0.2000       | 0.1937         |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.243    | 14.237        | 0.006         | 93 | 13424    | 0.2000       | 0.1920         |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 95 | 6760     | 0.2000       | 0.1956         |       |
| 153 Naphthalene                    | 128 | 14.420    | 14.414        | 0.006         | 97 | 21107    | 0.2000       | 0.1845         |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.560    | 14.560        | 0.000         | 96 | 10805    | 0.2000       | 0.1881         |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

**QC Flag Legend**

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

**Reagents:**

|                     |                    |           |             |
|---------------------|--------------------|-----------|-------------|
| MSV_LL_#1_826_00171 | Amount Added: 2.00 | Units: uL |             |
| MSV_LL_GAS826_00279 | Amount Added: 2.00 | Units: uL |             |
| MSV_LL_#2_826_00185 | Amount Added: 2.00 | Units: uL |             |
| MSV_LLcentISS_00016 | Amount Added: 5.00 | Units: uL | Run Reagent |

Chrom Revision: 2.3 14-Jul-2025 13:55:14

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D

Operator ID: qaw91131

Worklist Smp#: 15

Purge Vol: 25.000 mL

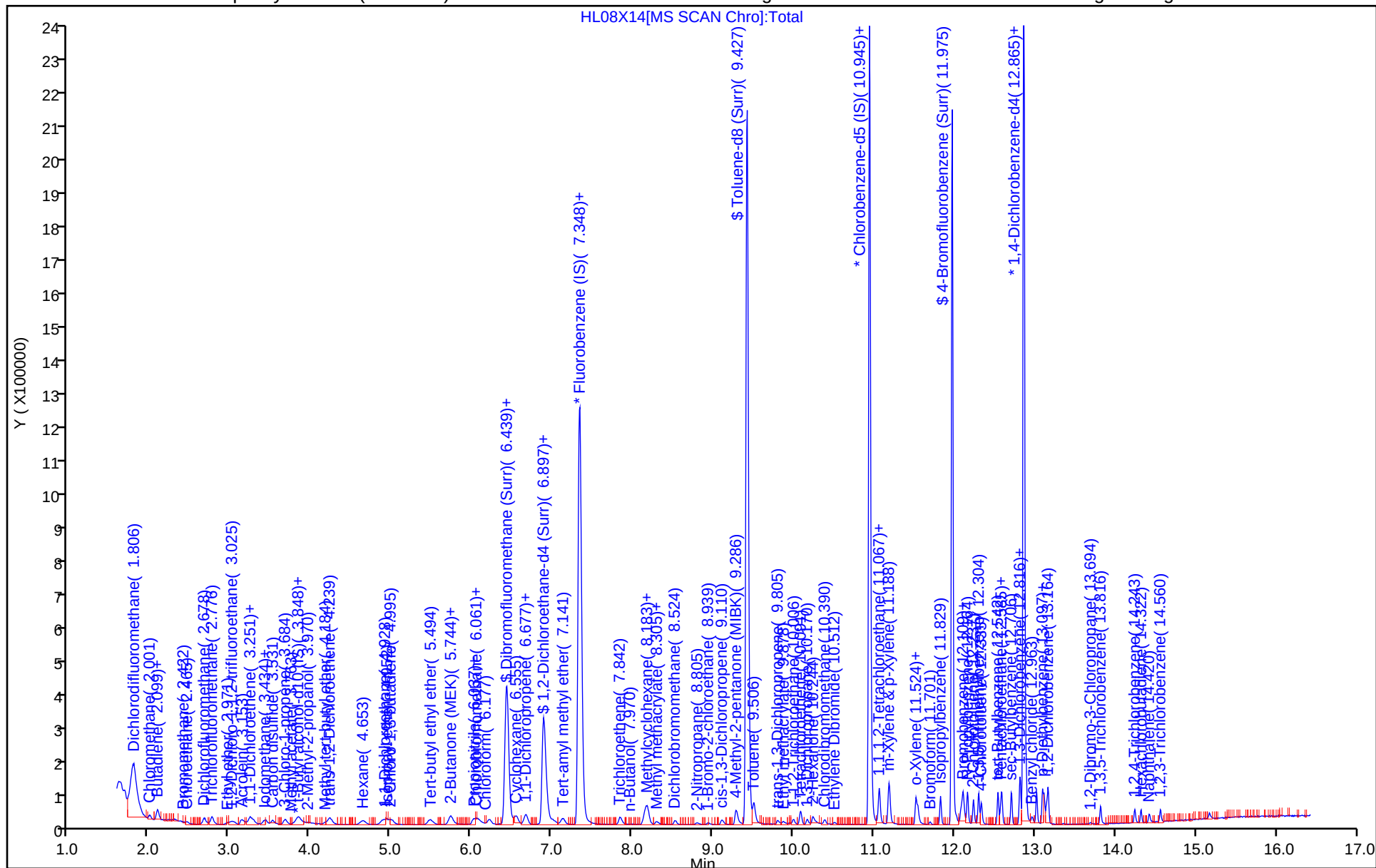
Dil. Factor: 1.0000

ALS Bottle#: 14

Limit Group: MSV - 8260C D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

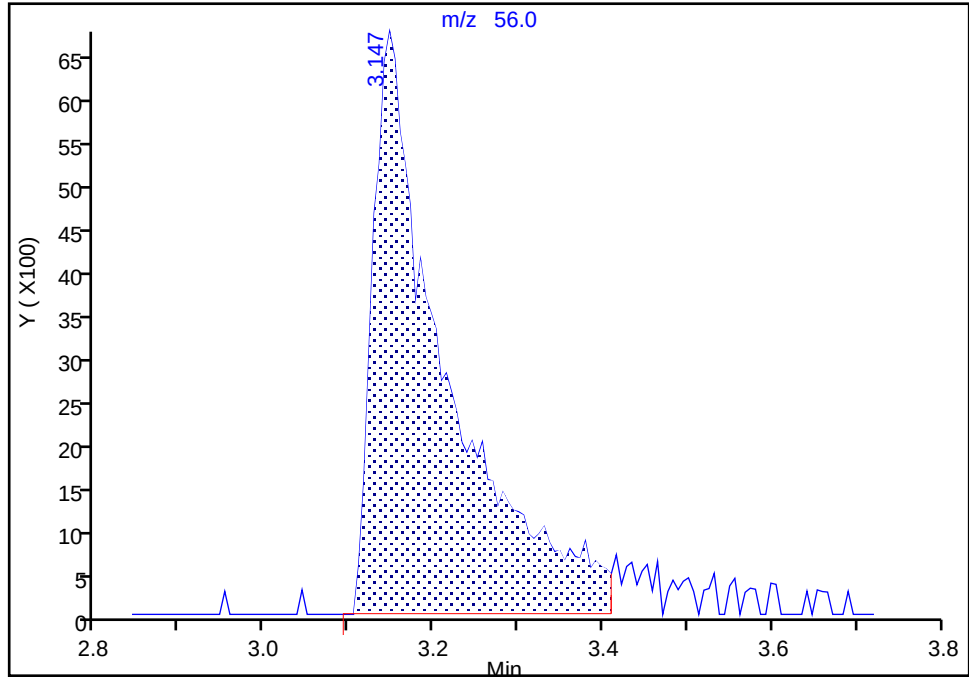
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**16 Acrolein, CAS: 107-02-8**

Signal: 1

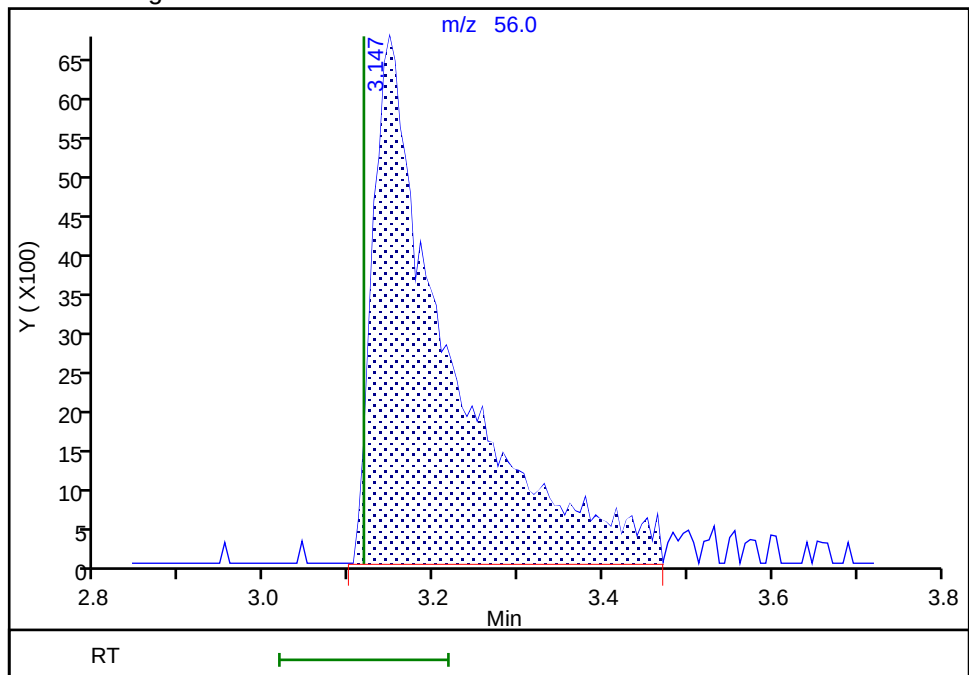
RT: 3.15  
Area: 40660  
Amount: 8.478059  
Amount Units: ug/l

## Processing Integration Results



RT: 3.15  
Area: 42306  
Amount: 8.786931  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:17:55 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D

Injection Date: 09-Jul-2025 04:58:30

Instrument ID: 19094

Lims ID: IC std3 0.2

Client ID:

Operator ID: gaw91131

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

MSV - 8260C\_D

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

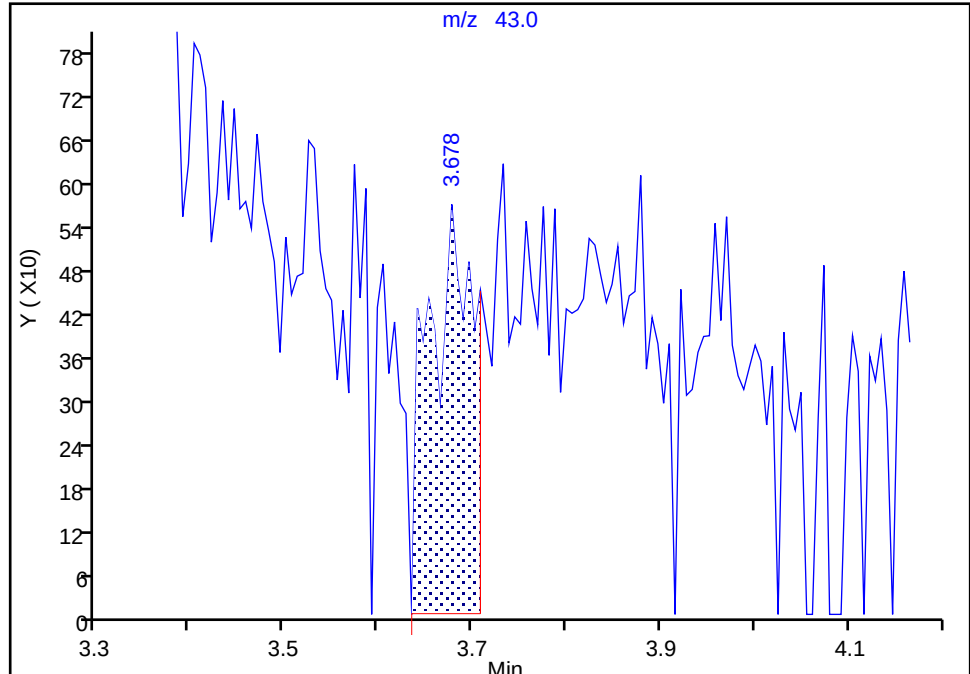
MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

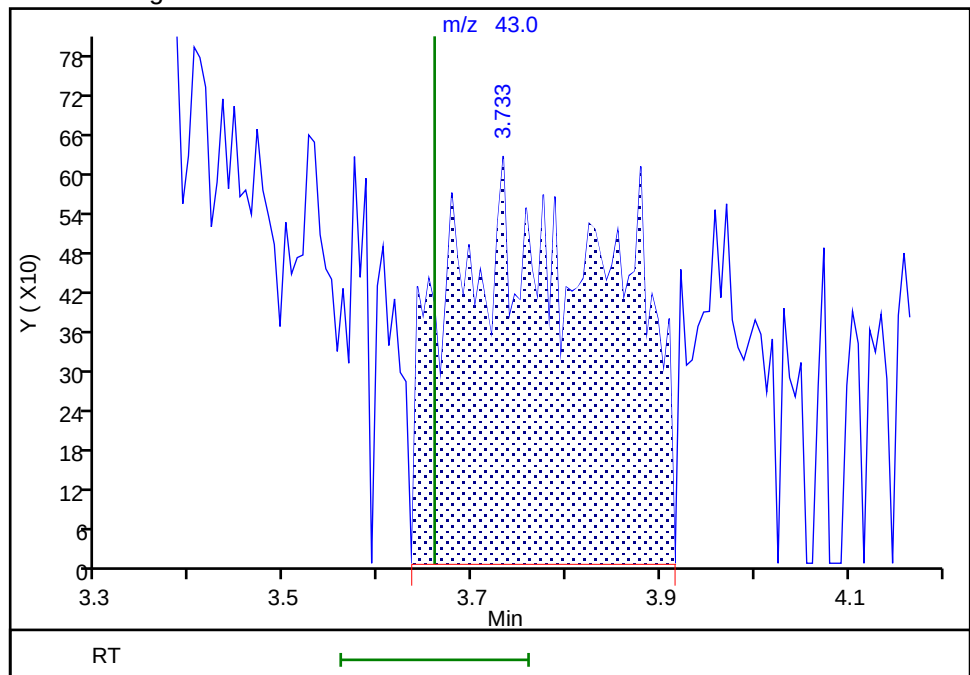
RT: 3.68  
Area: 1853  
Amount: 0.127168  
Amount Units: ug/l

## Processing Integration Results



RT: 3.73  
Area: 7151  
Amount: 0.506435  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:18:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins Lancaster Laboratories Environment Testing, LLC

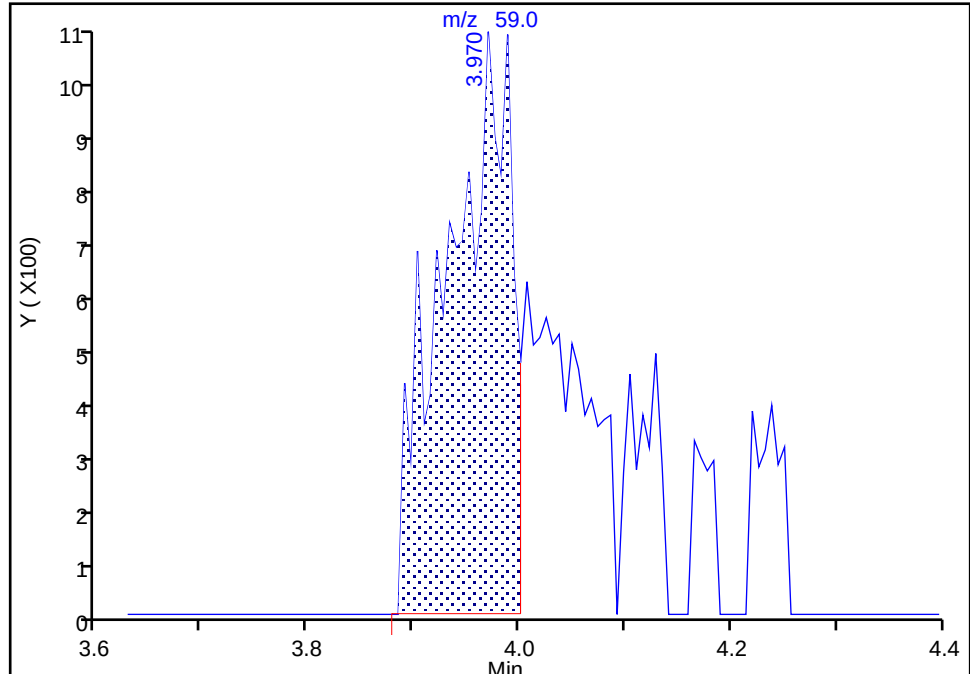
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**29 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

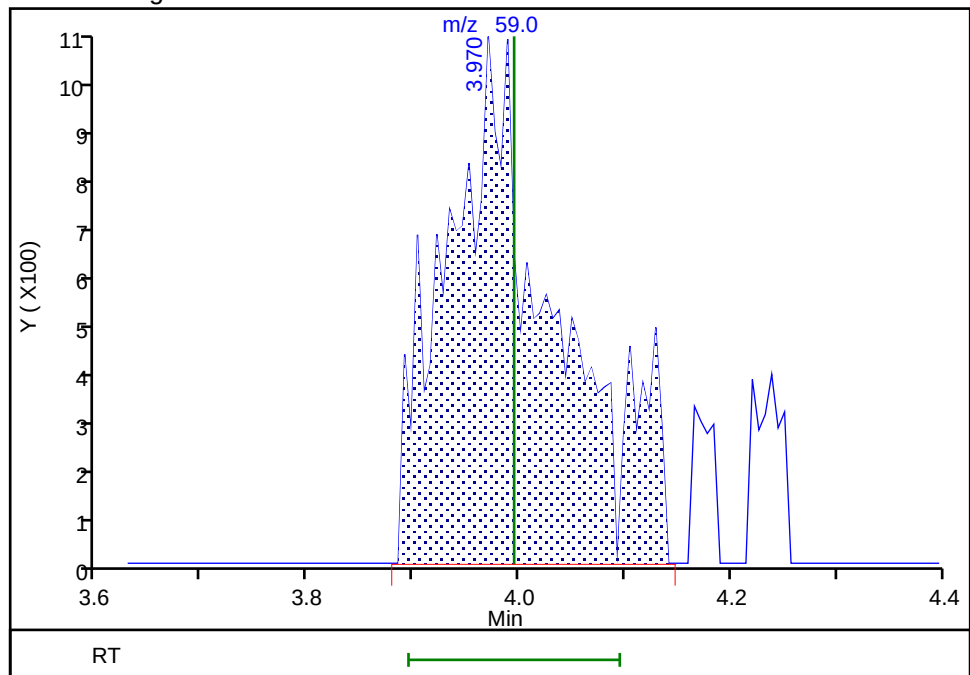
RT: 3.97  
Area: 4363  
Amount: 2.712791  
Amount Units: ug/l

## Processing Integration Results



RT: 3.97  
Area: 7410  
Amount: 4.096040  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:18:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

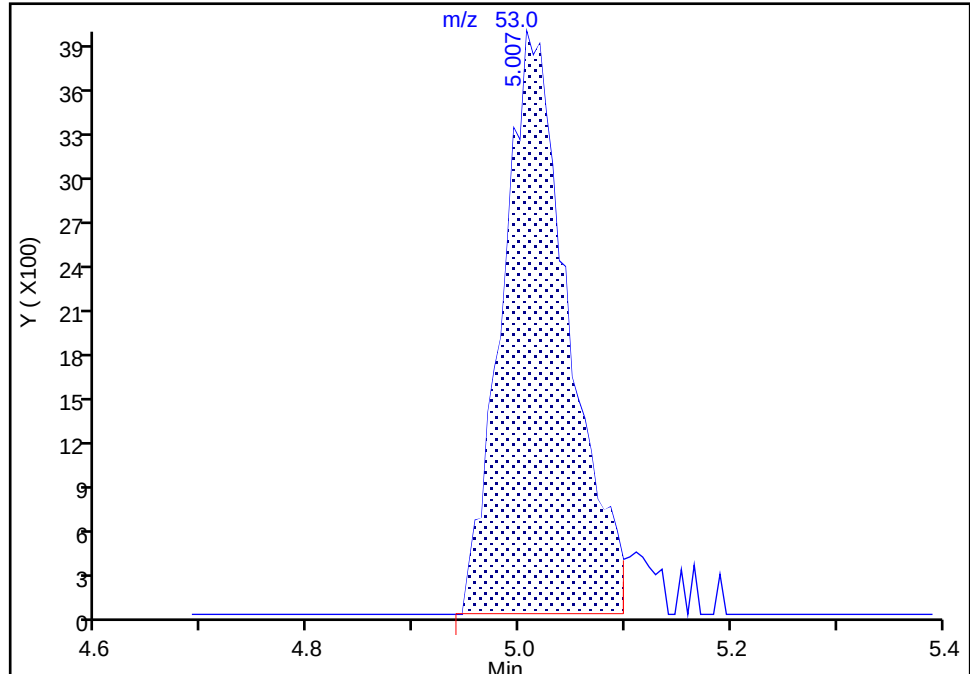
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**38 2-Chloro-1,3-butadiene, CAS: 126-99-8**

Signal: 1

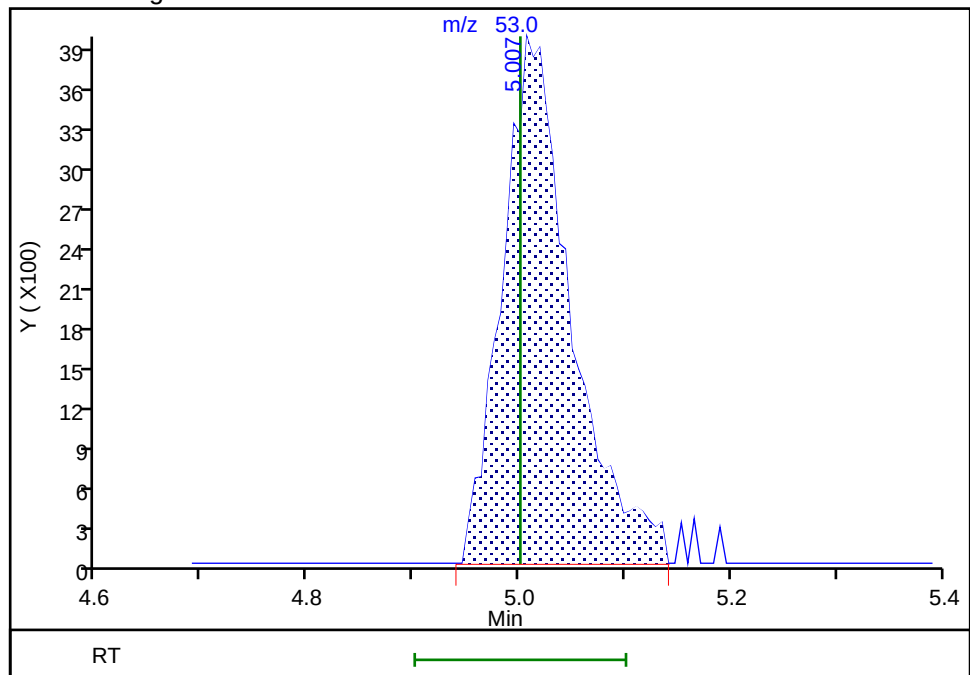
RT: 5.01  
Area: 17136  
Amount: 0.172583  
Amount Units: ug/l

## Processing Integration Results



RT: 5.01  
Area: 17900  
Amount: 0.205776  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:18:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

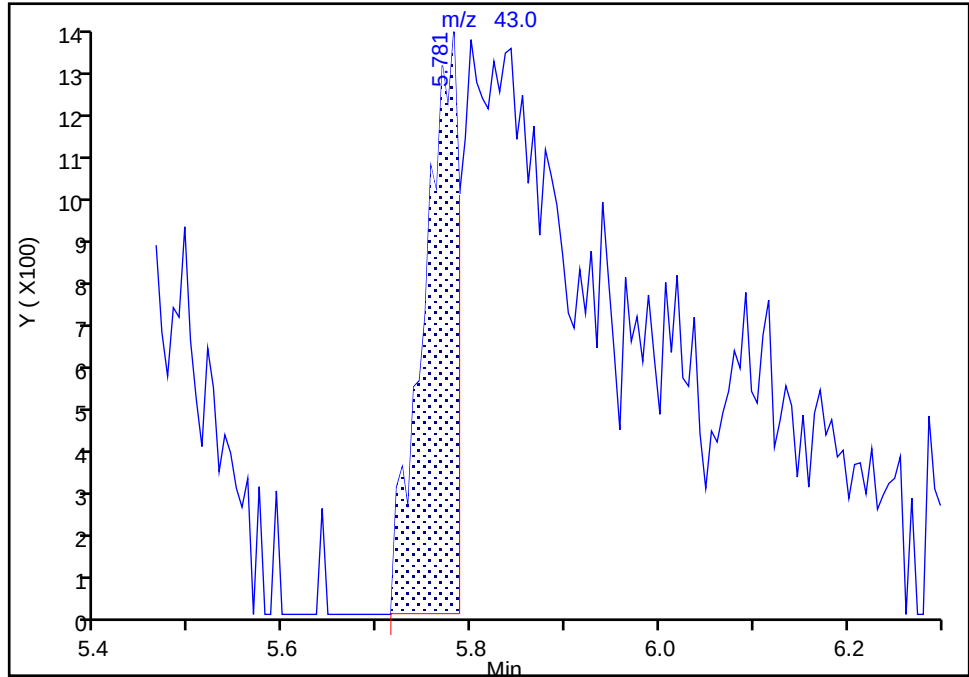
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

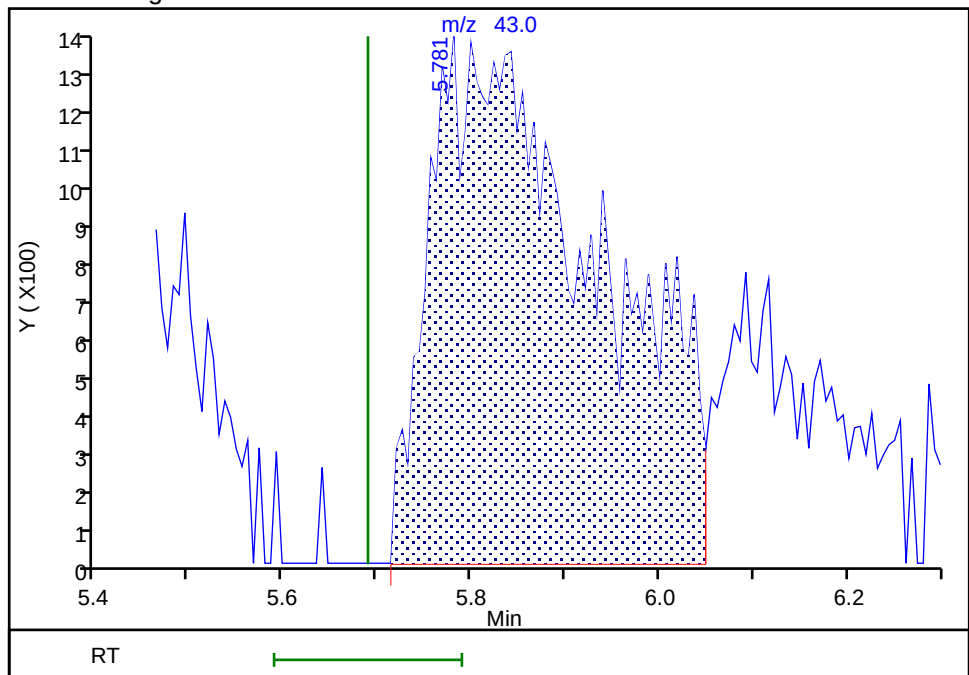
RT: 5.78  
Area: 3556  
Amount: 1.949551  
Amount Units: ug/l

## Processing Integration Results



RT: 5.78  
Area: 17339  
Amount: 1.713877  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:19:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

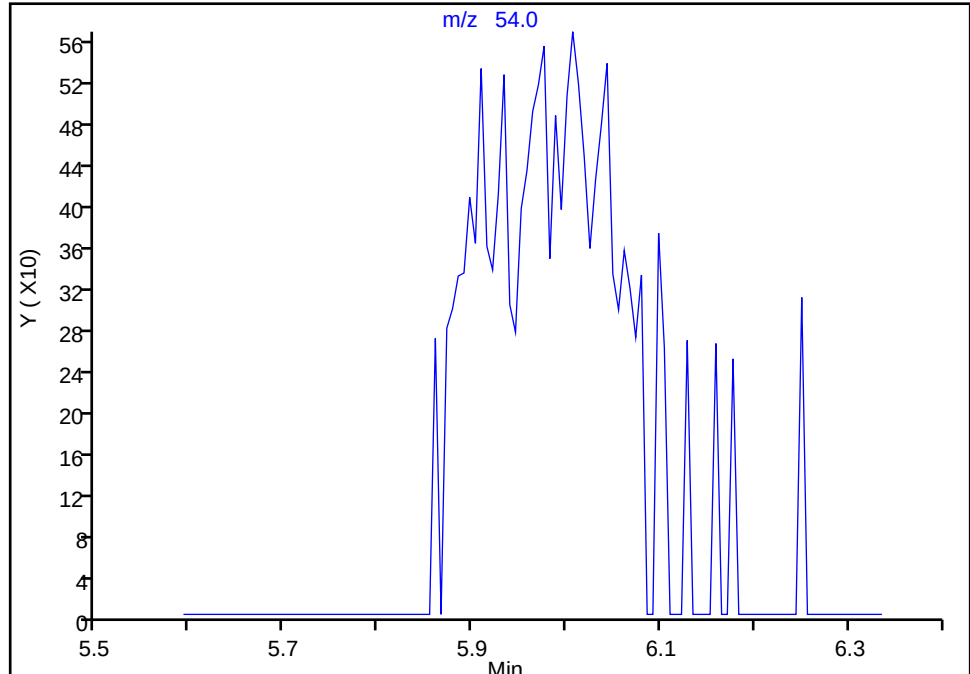
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**44 Propionitrile, CAS: 107-12-0**

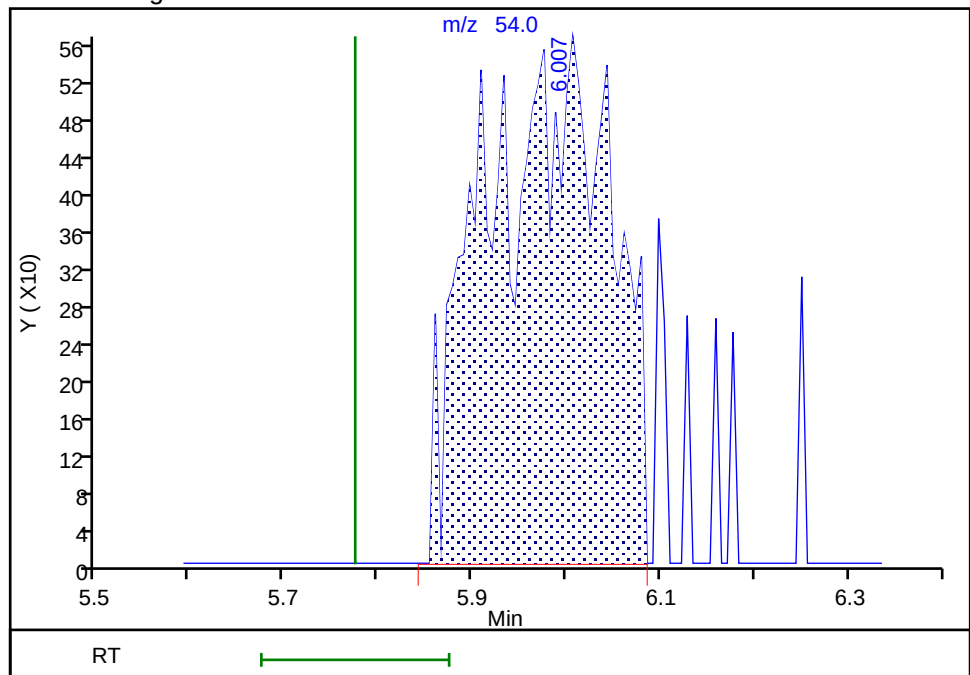
Signal: 1

Not Detected  
Expected RT: 5.77

## Processing Integration Results



## Manual Integration Results



RT: 6.01  
Area: 5274  
Amount: 2.091651  
Amount Units: ug/l

Reviewer: JS6E, 11-Jul-2025 01:19:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

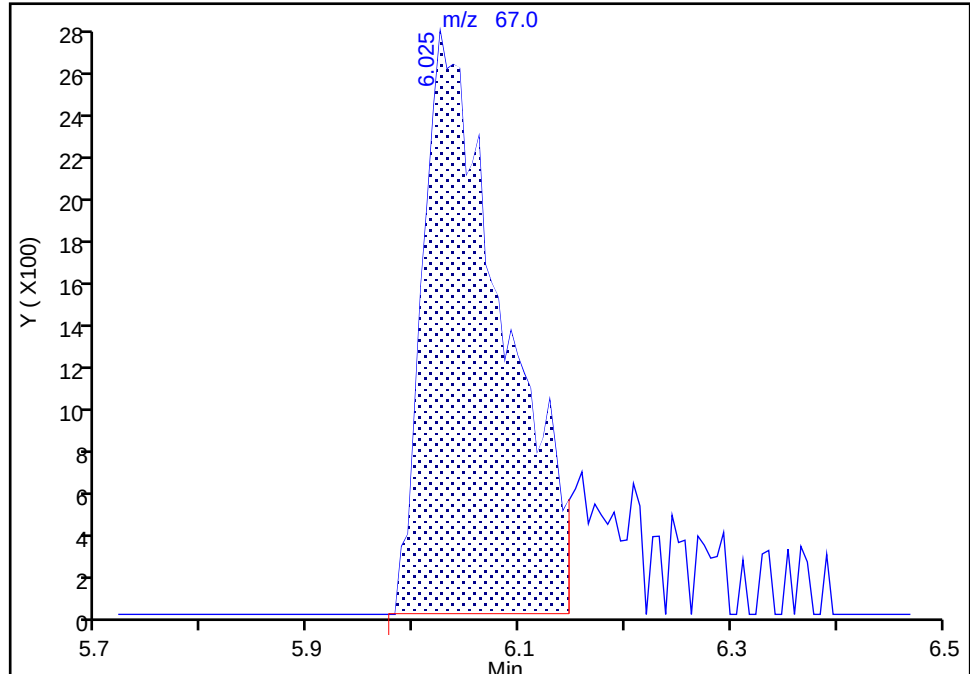
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**47 Methacrylonitrile, CAS: 126-98-7**

Signal: 1

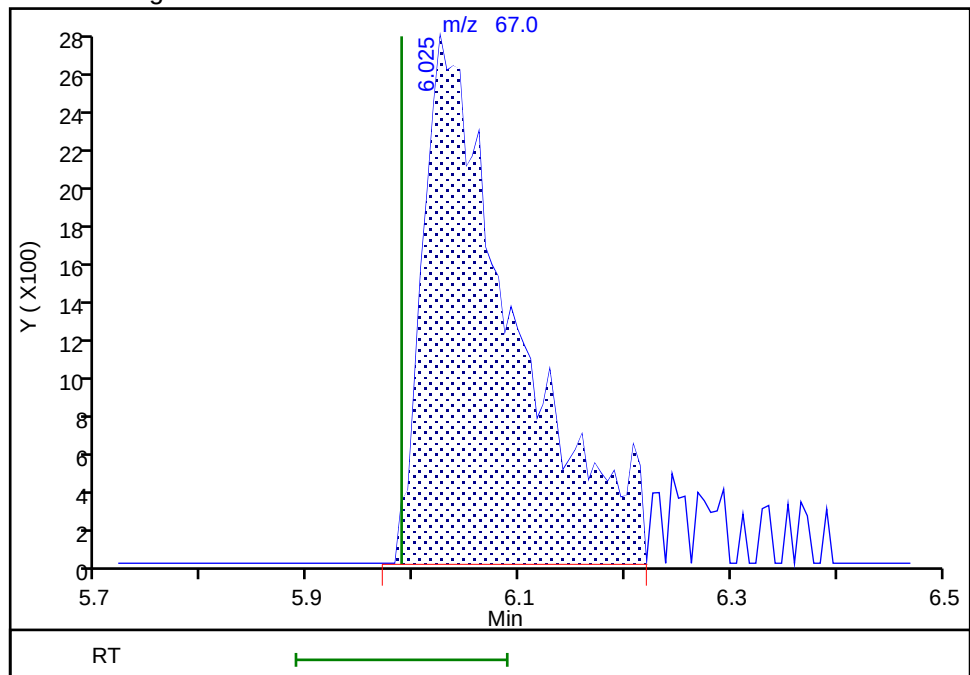
RT: 6.02  
Area: 14652  
Amount: 1.457425  
Amount Units: ug/l

## Processing Integration Results



RT: 6.02  
Area: 16662  
Amount: 1.636903  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:19:53 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

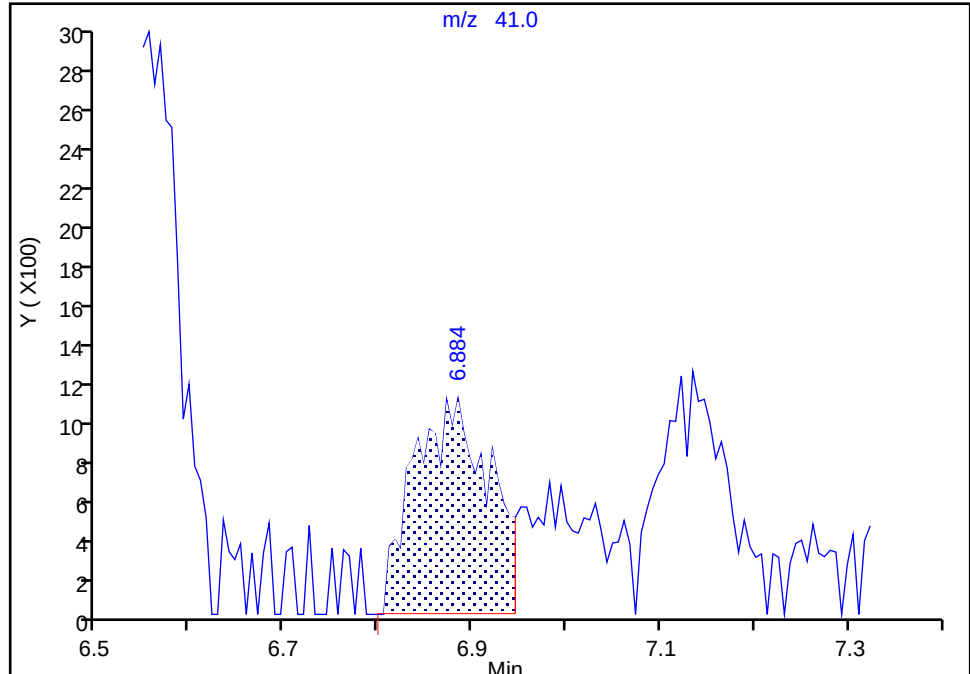
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**57 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

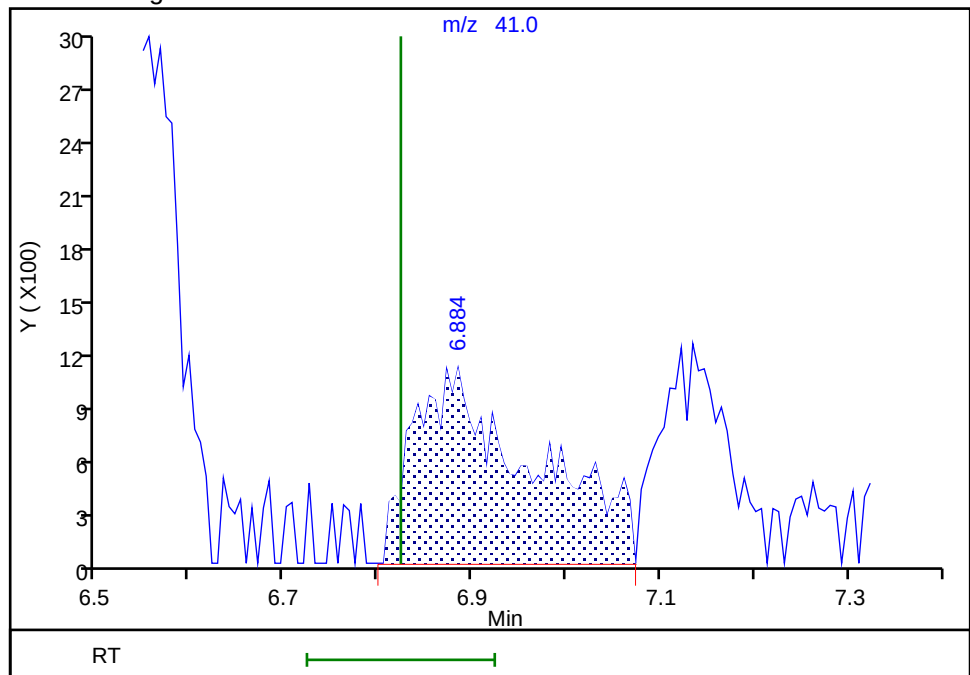
RT: 6.88  
Area: 6130  
Amount: 8.550258  
Amount Units: ug/l

## Processing Integration Results



RT: 6.88  
Area: 9533  
Amount: 13.491463  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:20:02 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

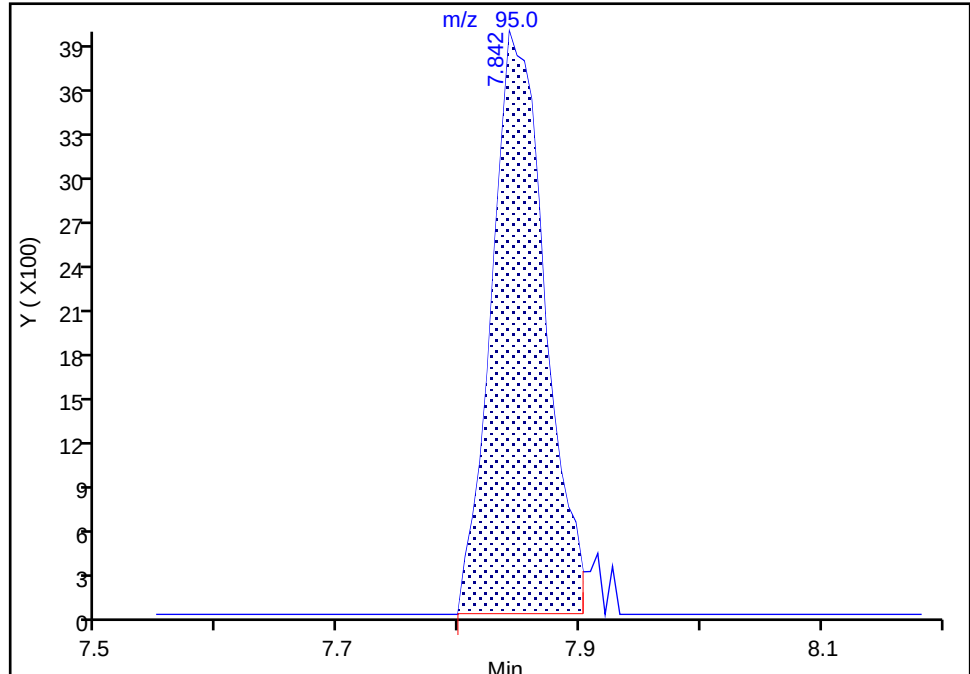
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**68 Trichloroethene, CAS: 79-01-6**

Signal: 1

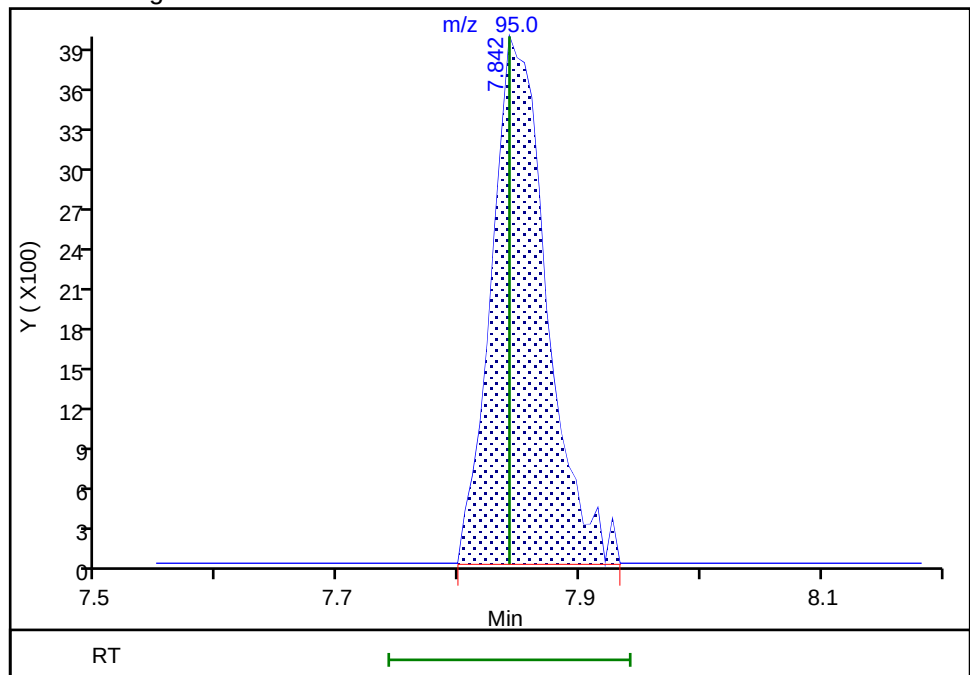
RT: 7.84  
Area: 12180  
Amount: 0.164093  
Amount Units: ug/l

## Processing Integration Results



RT: 7.84  
Area: 12557  
Amount: 0.209220  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:20:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

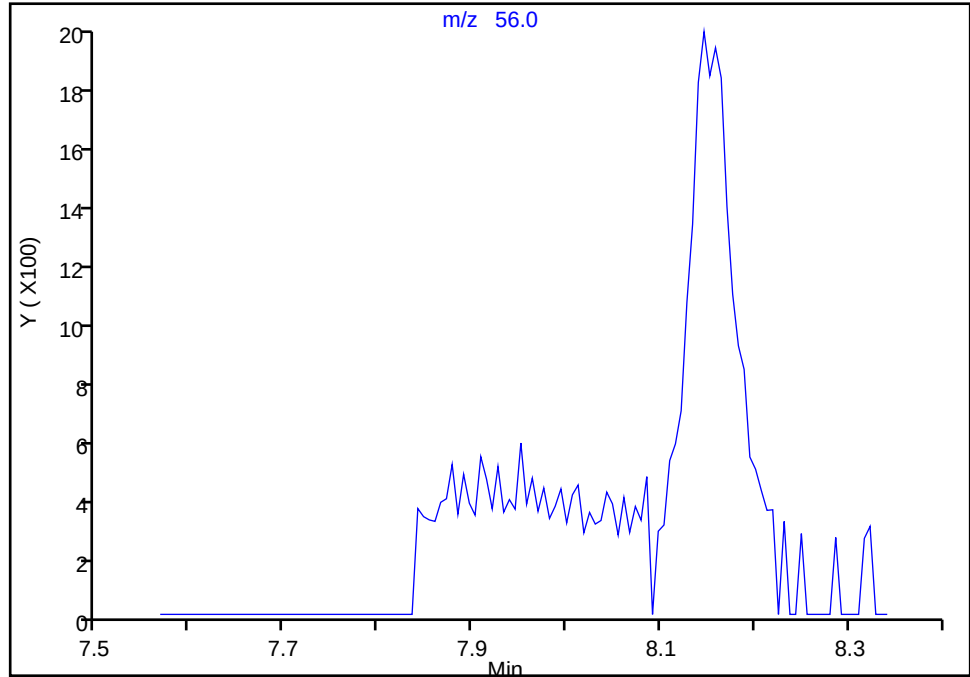
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**67 n-Butanol, CAS: 71-36-3**

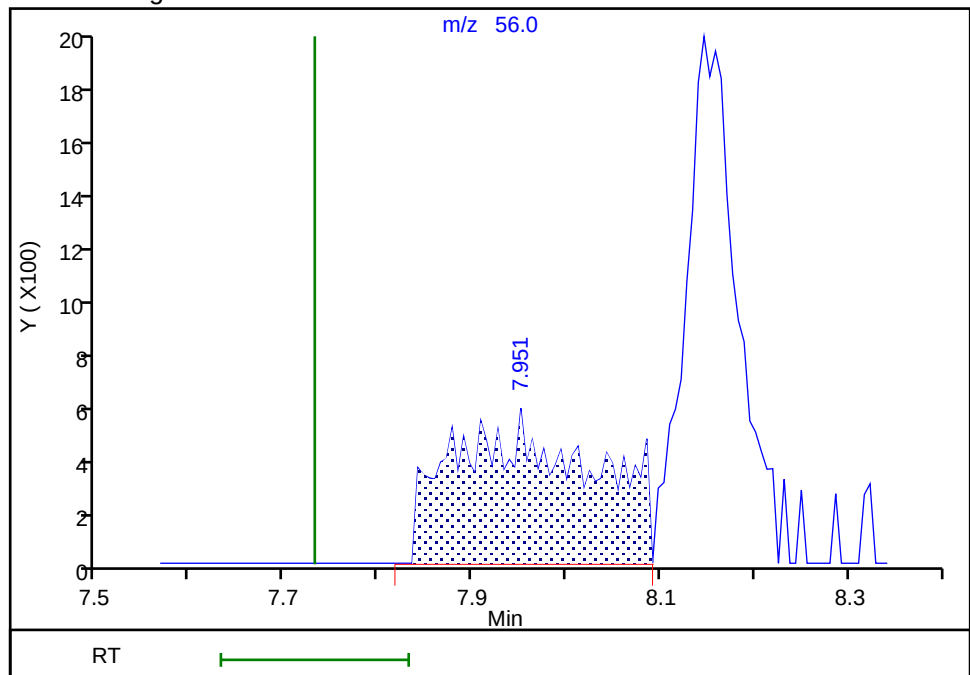
Signal: 1

Not Detected  
Expected RT: 7.73

## Processing Integration Results



## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:20:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins Lancaster Laboratories Environment Testing, LLC

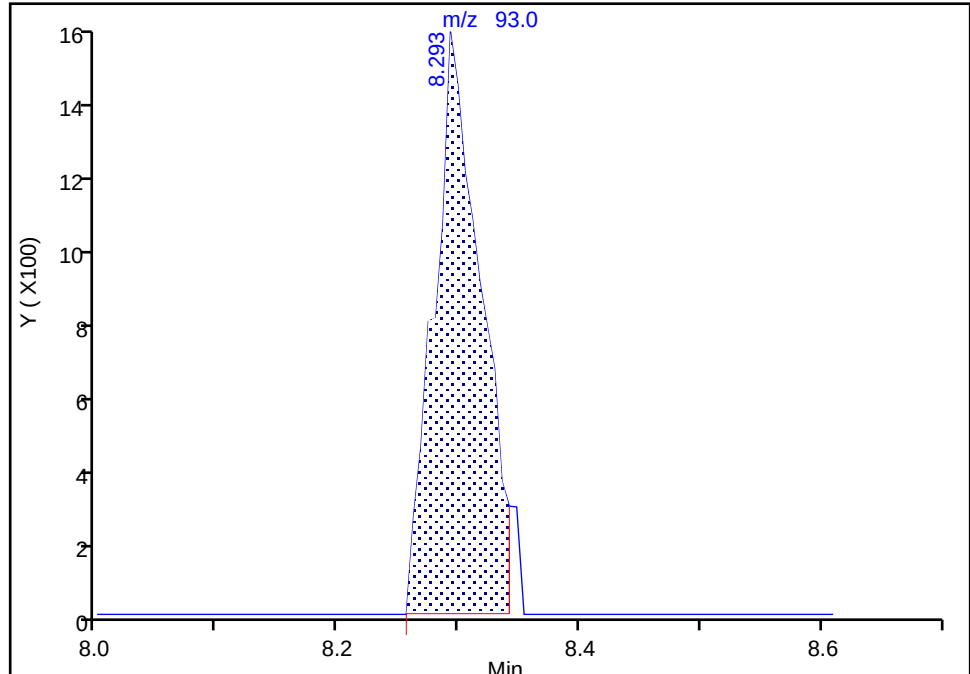
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**74 Dibromomethane, CAS: 74-95-3**

Signal: 1

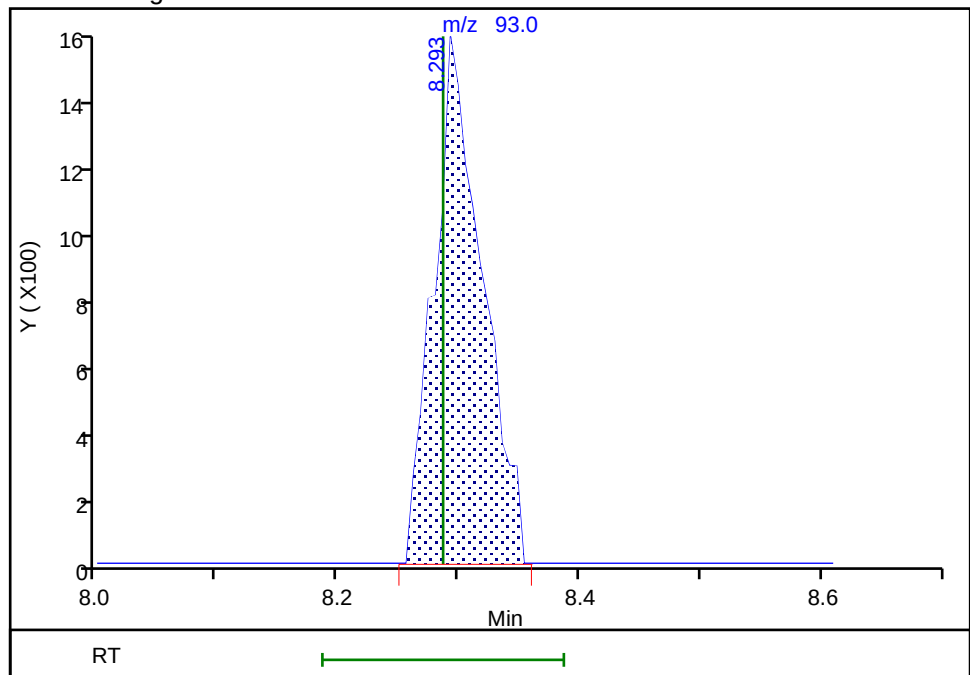
RT: 8.29  
Area: 4165  
Amount: 0.215238  
Amount Units: ug/l

## Processing Integration Results



RT: 8.29  
Area: 4269  
Amount: 0.209178  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:20:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

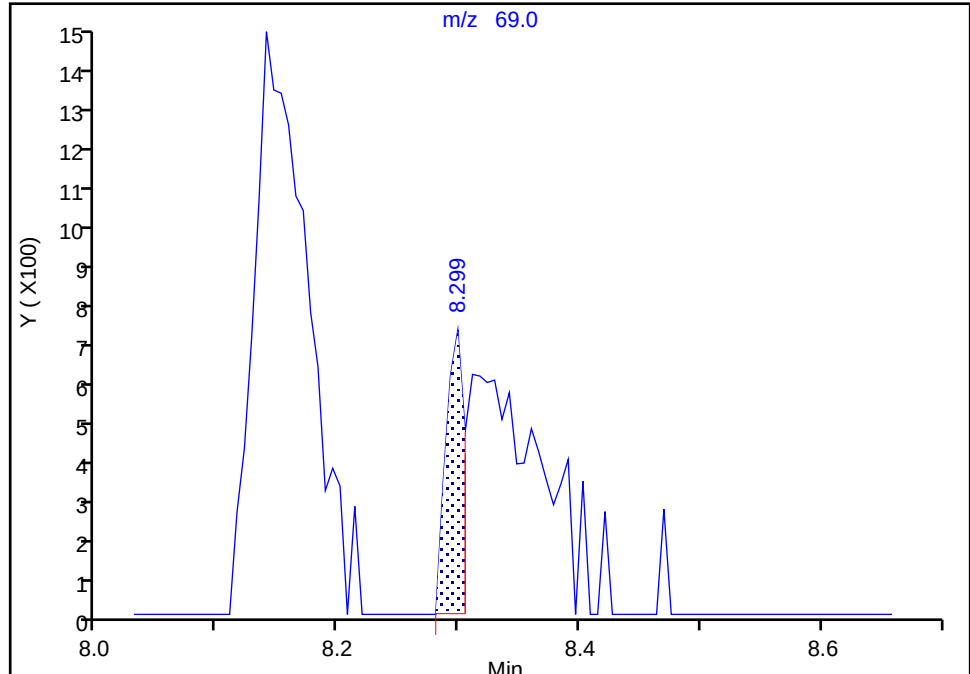
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**72 Methyl methacrylate, CAS: 80-62-6**

Signal: 1

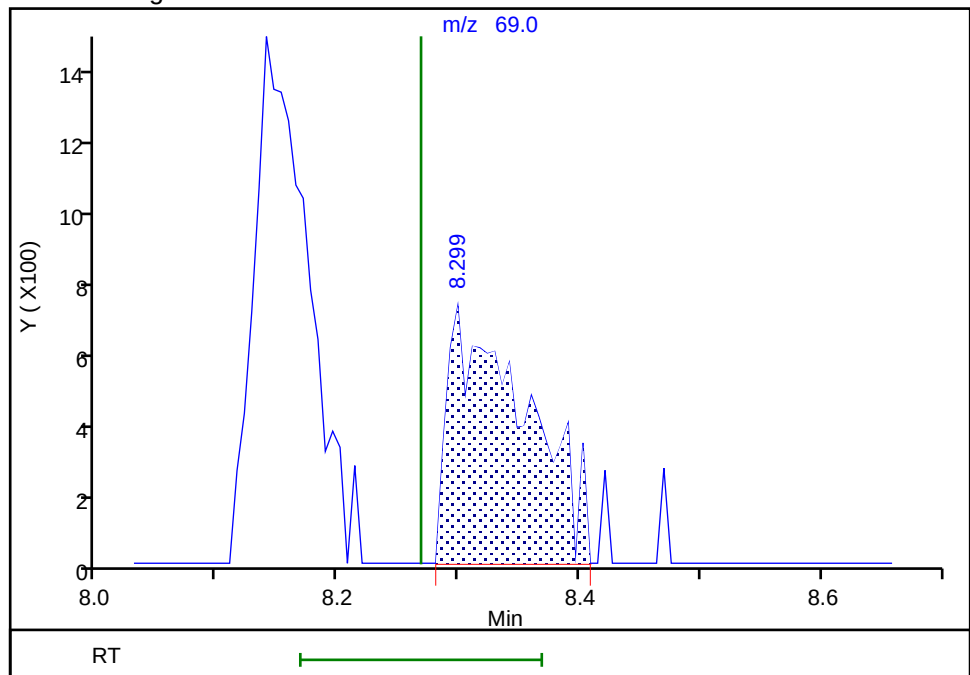
RT: 8.30  
Area: 757  
Amount: 0.200420  
Amount Units: ug/l

## Processing Integration Results



RT: 8.30  
Area: 3174  
Amount: 0.152917  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:20:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

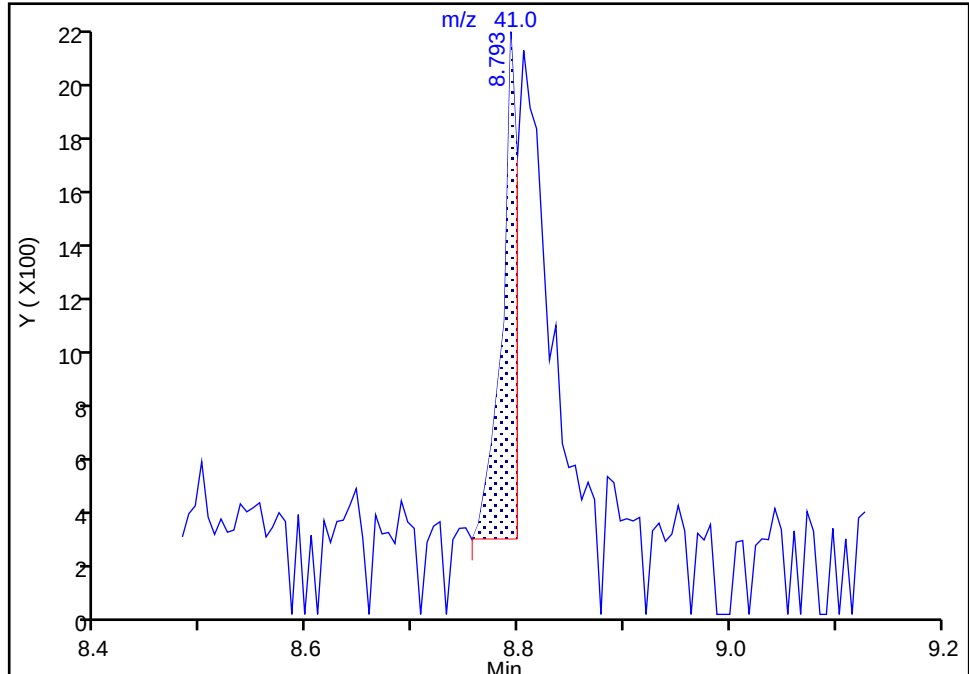
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

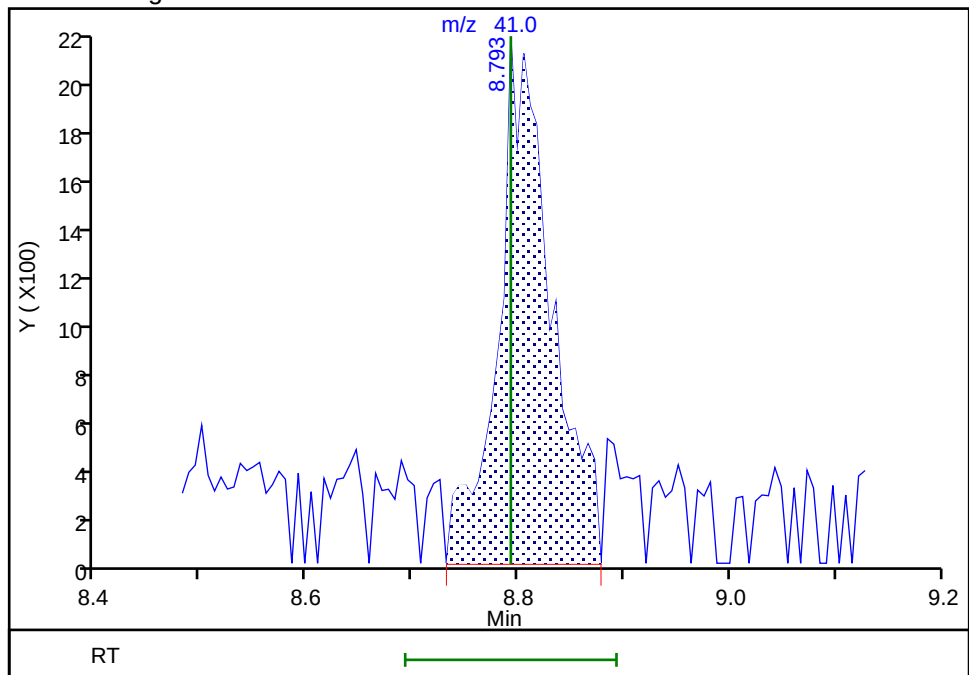
RT: 8.79  
Area: 1896  
Amount: 0.237609  
Amount Units: ug/l

## Processing Integration Results



RT: 8.79  
Area: 7390  
Amount: 1.149051  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:20:58 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

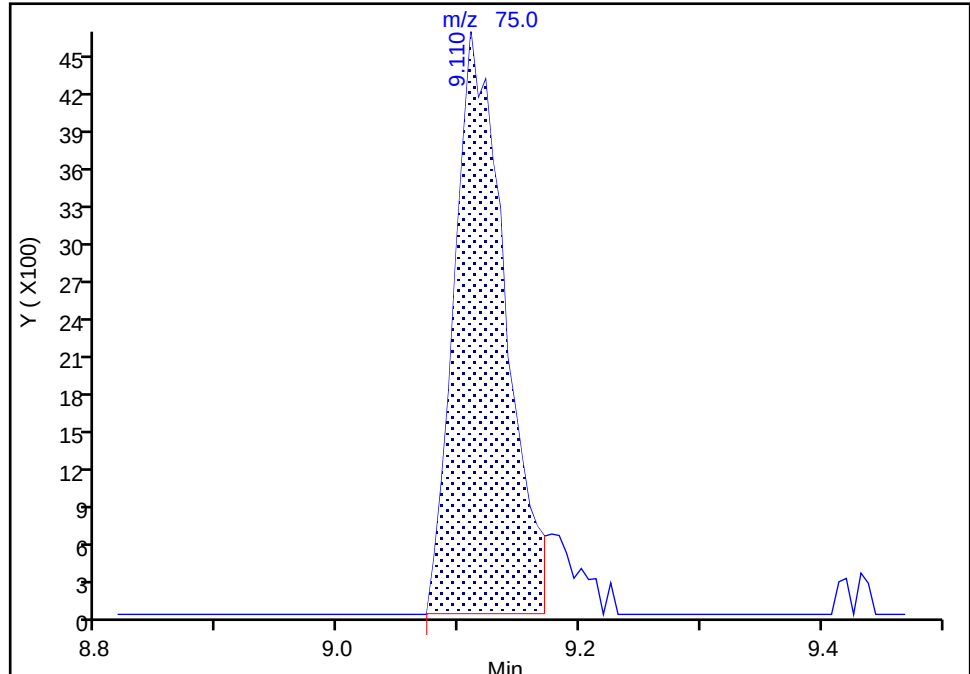
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) Detector: MS Quad

**80 cis-1,3-Dichloropropene, CAS: 10061-01-5**

Signal: 1

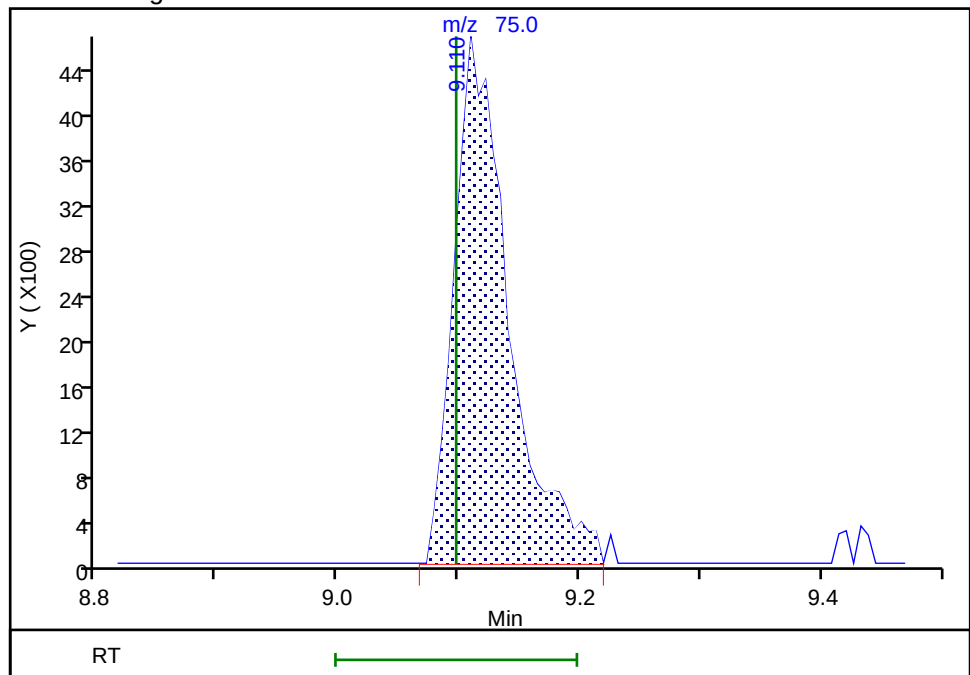
RT: 9.11  
Area: 13653  
Amount: 0.164101  
Amount Units: ug/l

## Processing Integration Results



RT: 9.11  
Area: 14751  
Amount: 0.196136  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:21:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

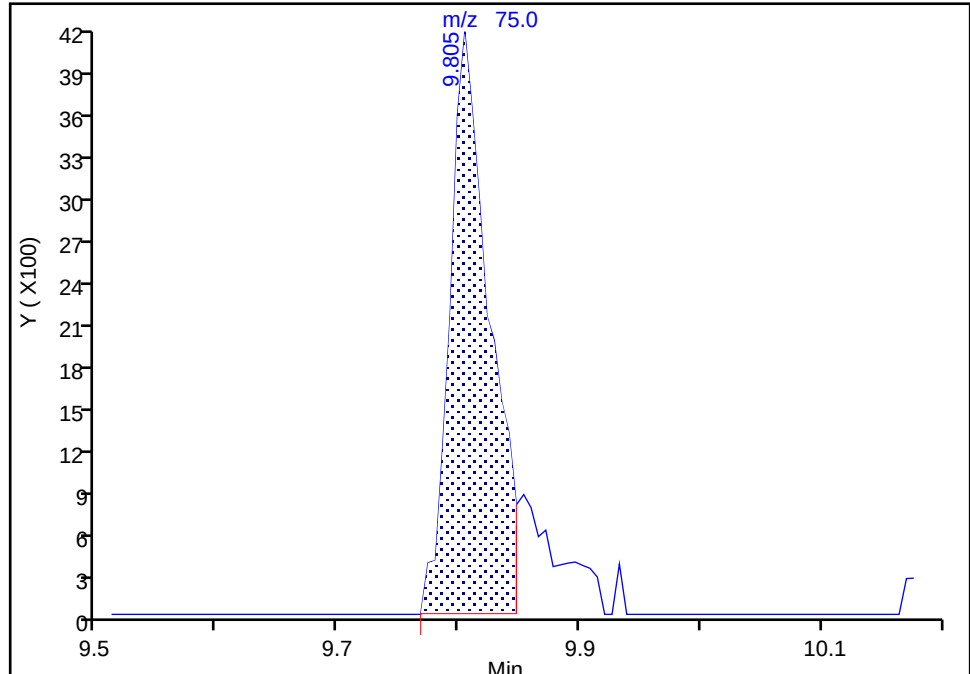
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**85 trans-1,3-Dichloropropene, CAS: 10061-02-6**

Signal: 1

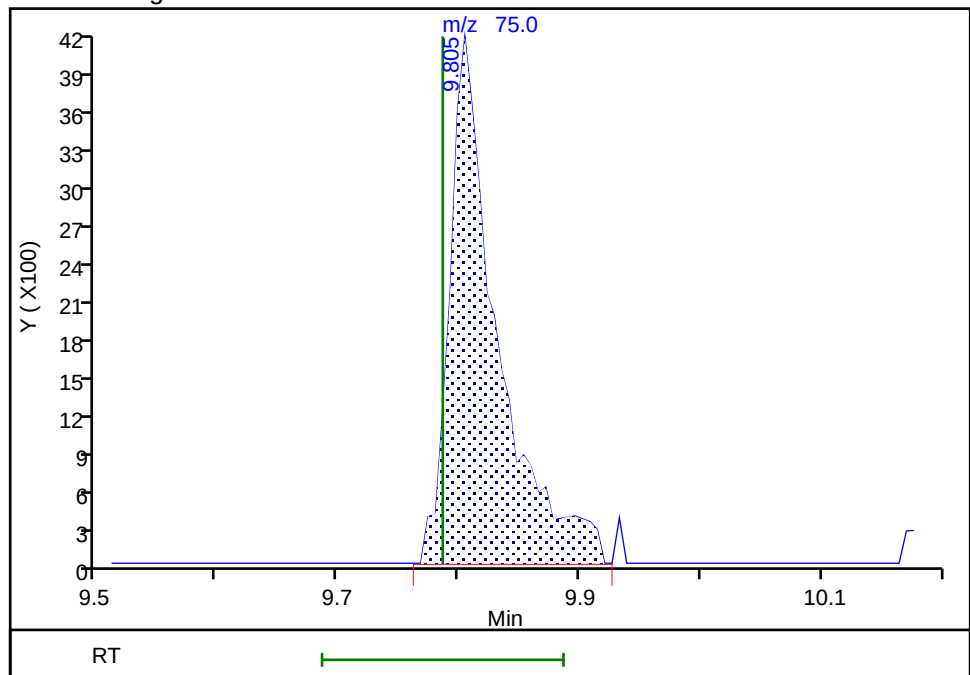
RT: 9.80  
Area: 9617  
Amount: 0.171241  
Amount Units: ug/l

## Processing Integration Results



RT: 9.80  
Area: 11519  
Amount: 0.200856  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:21:14 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

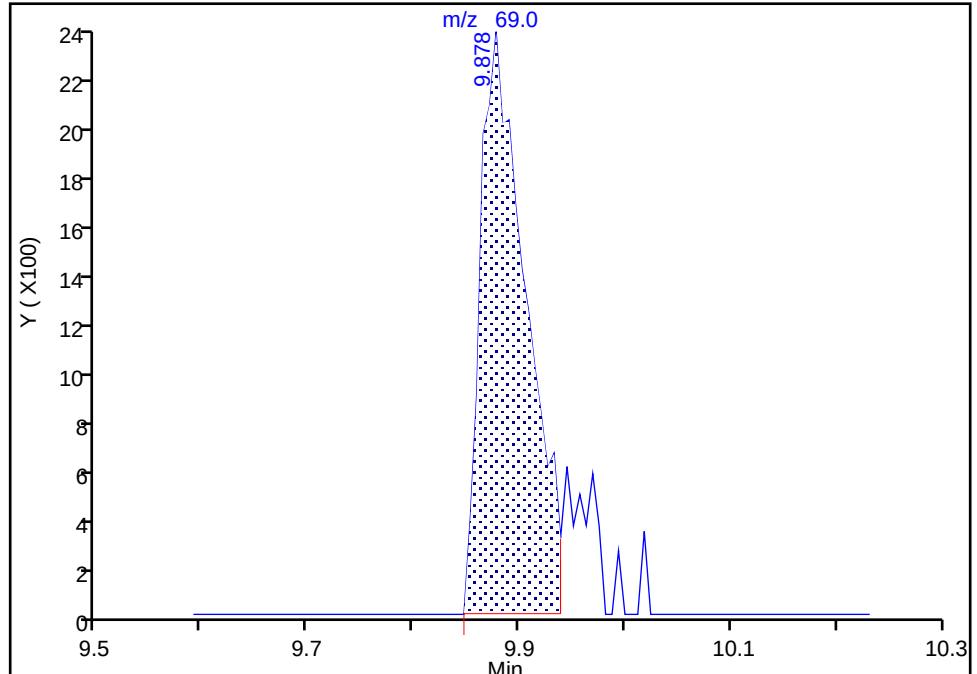
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

104 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

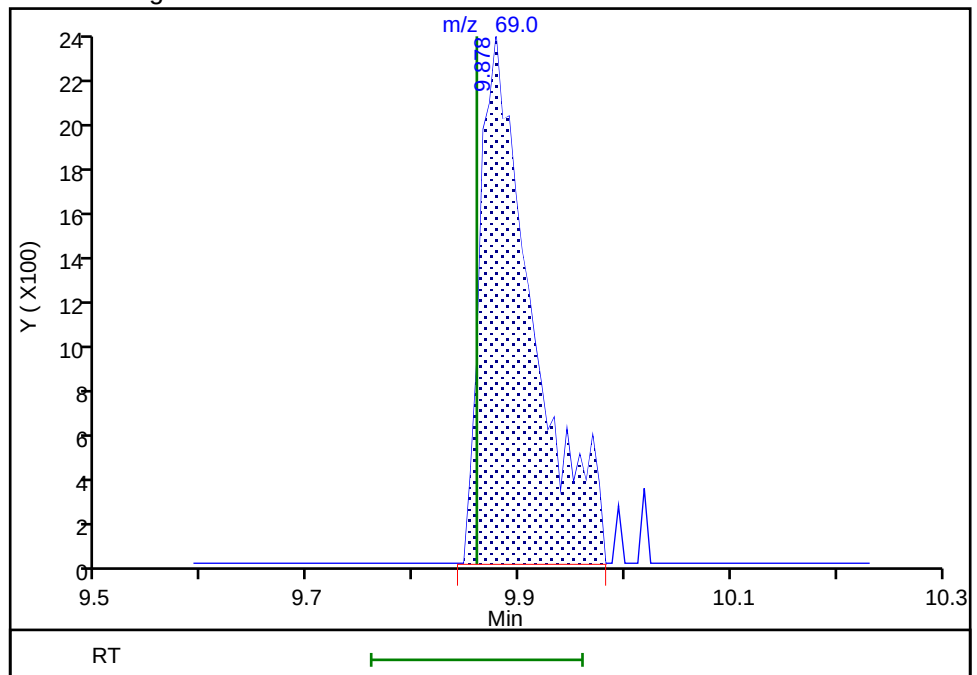
RT: 9.88  
Area: 7109  
Amount: 0.178118  
Amount Units: ug/l

## Processing Integration Results



RT: 9.88  
Area: 8114  
Amount: 0.200149  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:21:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

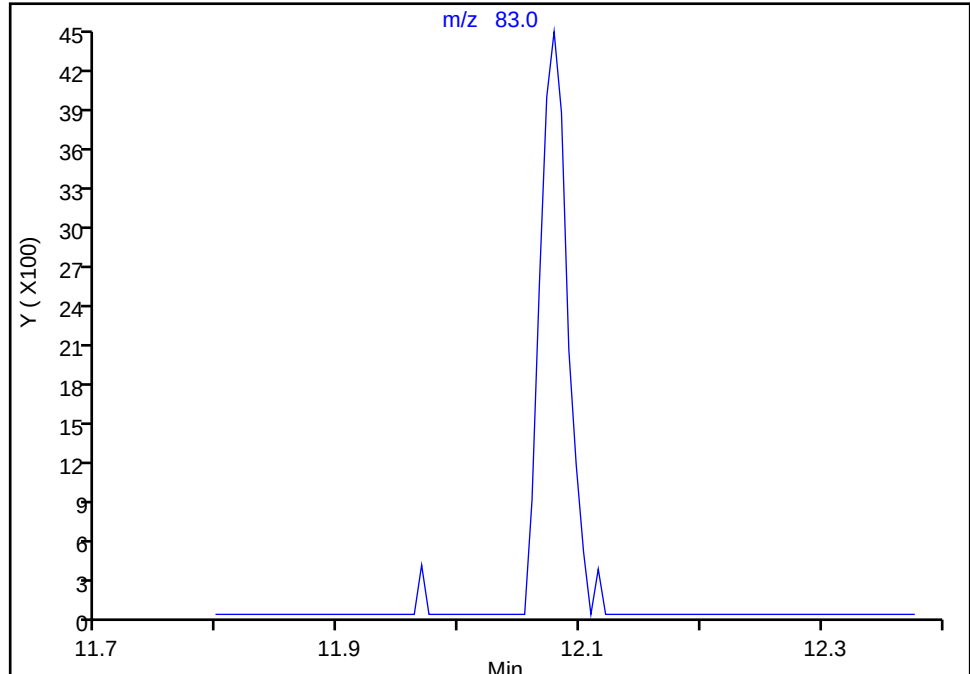
## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D  
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094  
Lims ID: IC std3 0.2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

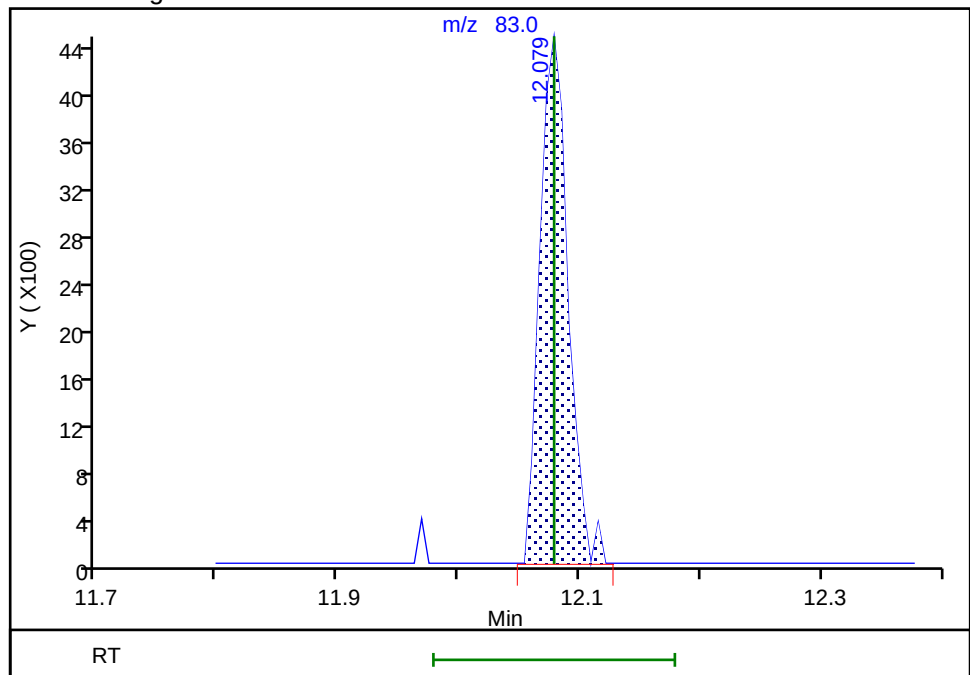
Not Detected  
Expected RT: 12.08

## Processing Integration Results



RT: 12.08  
Area: 7205  
Amount: 0.196671  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:21:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
 Lims ID: IC std4 0.5  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 09-Jul-2025 05:18:30 ALS Bottle#: 15 Worklist Smp#: 16  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-016  
 Misc. Info.: IC STD4 0.5  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 16:05:09 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 01:24:12

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.825     | 1.831         | -0.007        | 98  | 33444    | 0.5000       | 0.5542         |       |
| 5 Chloromethane                     | 50  | 2.020     | 2.013         | 0.007         | 99  | 41386    | 0.5000       | 0.5192         |       |
| 7 Butadiene                         | 39  | 2.105     | 2.105         | 0.000         | 92  | 45900    | 0.5000       | 0.5991         |       |
| 6 Vinyl chloride                    | 62  | 2.123     | 2.123         | 0.000         | 98  | 39531    | 0.5000       | 0.5485         |       |
| 9 Bromomethane                      | 94  | 2.398     | 2.391         | 0.007         | 90  | 26674    | 0.5000       | 0.5211         | M     |
| 10 Chloroethane                     | 64  | 2.477     | 2.477         | 0.000         | 100 | 24216    | 0.5000       | 0.5351         |       |
| 11 Dichlorofluoromethane            | 67  | 2.690     | 2.690         | 0.000         | 97  | 64284    | 0.5000       | 0.5309         |       |
| 12 Trichlorofluoromethane           | 101 | 2.794     | 2.788         | 0.006         | 55  | 49879    | 0.5000       | 0.5335         |       |
| 14 Ethyl ether                      | 59  | 2.977     | 2.971         | 0.006         | 91  | 16510    | 0.5002       | 0.5205         |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.044     | 3.050         | -0.006        | 93  | 37083    | 0.5000       | 0.5319         |       |
| 16 Acrolein                         | 56  | 3.147     | 3.117         | 0.030         | 100 | 96203    | 24.4         | 23.0           |       |
| 17 1,1-Dichloroethene               | 96  | 3.251     | 3.251         | 0.000         | 97  | 21810    | 0.5000       | 0.4618         |       |
| 19 Acetone                          | 43  | 3.312     | 3.275         | 0.037         | 50  | 25870    | 5.00         | 5.04           |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.294     | 3.294         | 0.000         | 92  | 22840    | 0.5000       | 0.4928         |       |
| 21 Iodomethane                      | 142 | 3.434     | 3.434         | 0.000         | 99  | 42979    | 0.5000       | 0.4746         |       |
| 22 Ethyl bromide                    | 108 | 3.464     | 3.458         | 0.006         | 97  | 21619    | 0.4995       | 0.5417         |       |
| 23 Carbon disulfide                 | 76  | 3.538     | 3.531         | 0.007         | 99  | 67533    | 0.5000       | 0.4663         |       |
| 24 Methyl acetate                   | 43  | 3.696     | 3.660         | 0.036         | 22  | 5896     | 0.5000       | 0.4803         | M     |
| 26 3-Chloro-1-propene               | 41  | 3.696     | 3.684         | 0.012         | 92  | 40231    | 0.5000       | 0.4314         |       |
| 27 Methylene Chloride               | 84  | 3.855     | 3.855         | 0.000         | 93  | 23348    | 0.5000       | 0.4713         |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.861     | 3.891         | -0.030        | 79  | 72295    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.977     | 3.995         | -0.018        | 43  | 15135    | 10.0         | 9.62           | M     |
| 31 Acrylonitrile                    | 53  | 4.336     | 4.184         | 0.152         | 1   | 1924     | 1.25         | 0.7530         | M     |
| 32 Methyl tert-butyl ether          | 73  | 4.214     | 4.214         | 0.000         | 81  | 50040    | 0.5000       | 0.4609         |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.257     | 4.239         | 0.018         | 97  | 24928    | 0.5000       | 0.4764         |       |
| 34 Hexane                           | 57  | 4.653     | 4.659         | -0.006        | 93  | 36866    | 0.5000       | 0.4643         |       |
| 36 1,1-Dichloroethane               | 63  | 4.897     | 4.891         | 0.006         | 96  | 47580    | 0.5000       | 0.4706         |       |
| 37 Isopropyl ether                  | 45  | 4.946     | 4.952         | -0.006        | 95  | 79012    | 0.5000       | 0.4629         |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 5.019     | 5.001         | 0.018         | 92  | 40301    | 0.5000       | 0.4607         |       |
| 40 Tert-butyl ethyl ether           | 59  | 5.501     | 5.495         | 0.007         | 98  | 70319    | 0.5000       | 0.4751         |       |



| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.757     | 5.690         | 0.067         | 38  | 41063    | 5.00         | 4.67           | M     |
| 42 cis-1,2-Dichloroethene          | 96  | 5.751     | 5.732         | 0.019         | 84  | 26237    | 0.5000       | 0.4608         |       |
| 43 2,2-Dichloropropane             | 77  | 5.744     | 5.744         | 0.000         | 70  | 40962    | 0.5000       | 0.4633         |       |
| 44 Propionitrile                   | 54  | 6.013     | 5.775         | 0.238         | 33  | 16007    | 10.0         | 7.30           | M     |
| 47 Methacrylonitrile               | 67  | 6.019     | 5.988         | 0.031         | 90  | 40734    | 5.00         | 4.60           |       |
| 48 Chlorobromomethane              | 128 | 6.080     | 6.068         | 0.012         | 95  | 10286    | 0.5000       | 0.4775         |       |
| 49 Tetrahydrofuran                 | 71  | 6.092     | 6.080         | 0.012         | 61  | 5318     | 2.50         | 2.15           |       |
| S 46 1,2-Dichloroethene, Total     | 100 |           |               |               | 0   |          |              | 0.9373         |       |
| 50 Chloroform                      | 83  | 6.226     | 6.226         | 0.000         | 93  | 43528    | 0.5000       | 0.4635         |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.446         | 0.000         | 93  | 429583   | 10.0         | 9.95           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.458     | 6.458         | 0.000         | 39  | 41202    | 0.5000       | 0.4692         |       |
| 54 Cyclohexane                     | 56  | 6.567     | 6.561         | 0.006         | 91  | 47946    | 0.5000       | 0.4443         |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.677         | -0.006        | 91  | 33826    | 0.5000       | 0.4560         |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.677         | 0.000         | 95  | 38060    | 0.5000       | 0.4696         |       |
| 57 Isobutyl alcohol                | 41  | 6.860     | 6.824         | 0.036         | 90  | 16101    | 25.0         | 26.2           | M     |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 79  | 79218    | 10.0         | 10.1           |       |
| 59 Benzene                         | 78  | 6.939     | 6.939         | 0.000         | 93  | 101760   | 0.5000       | 0.4415         |       |
| 60 1,2-Dichloroethane              | 62  | 7.019     | 7.006         | 0.013         | 96  | 24134    | 0.5000       | 0.4663         |       |
| 63 Tert-amyl methyl ether          | 73  | 7.134     | 7.141         | -0.007        | 98  | 57087    | 0.5000       | 0.4458         |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.354         | -0.006        | 98  | 1860146  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 92  | 35600    | 0.5000       | 0.4240         |       |
| 67 n-Butanol                       | 56  | 7.836     | 7.732         | 0.104         | 22  | 12166    | 43.8         | 58.6           | Ma    |
| 68 Trichloroethene                 | 95  | 7.848     | 7.842         | 0.006         | 97  | 27316    | 0.5000       | 0.4526         |       |
| 69 Methylcyclohexane               | 83  | 8.159     | 8.159         | 0.000         | 94  | 47579    | 0.5000       | 0.4529         |       |
| 70 1,2-Dichloropropane             | 63  | 8.177     | 8.177         | 0.000         | 93  | 26586    | 0.5000       | 0.4799         |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 92  | 38740    | 0.5000       | 0.4622         |       |
| 72 Methyl methacrylate             | 69  | 8.299     | 8.268         | 0.031         | 72  | 7905     | 0.5000       | 0.4381         | M     |
| 73 1,4-Dioxane                     | 88  | 8.335     | 8.287         | 0.048         | 28  | 375      | 25.0         | 27.3           |       |
| 74 Dibromomethane                  | 93  | 8.293     | 8.287         | 0.006         | 94  | 10103    | 0.5000       | 0.4923         | M     |
| 76 Dichlorobromomethane            | 83  | 8.531     | 8.531         | 0.000         | 98  | 28240    | 0.5000       | 0.4570         |       |
| 77 2-Nitropropane                  | 41  | 8.799     | 8.793         | 0.006         | 97  | 12288    | 2.50         | 2.20           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.939     | 8.927         | 0.012         | 97  | 25080    | 0.5000       | 0.5073         | M     |
| 80 cis-1,3-Dichloropropene         | 75  | 9.110     | 9.097         | 0.013         | 95  | 34260    | 0.5000       | 0.4530         |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.286     | 9.280         | 0.006         | 98  | 116055   | 5.00         | 4.63           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94  | 1861945  | 10.0         | 10.0           |       |
| 84 Toluene                         | 92  | 9.512     | 9.506         | 0.006         | 98  | 65671    | 0.5000       | 0.4552         |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.799     | 9.786         | 0.013         | 93  | 24503    | 0.5000       | 0.4288         |       |
| 104 Ethyl methacrylate             | 69  | 9.872     | 9.860         | 0.012         | 89  | 17938    | 0.5000       | 0.4441         |       |
| 106 1,1,2-Trichloroethane          | 97  | 10.000    | 10.000        | 0.000         | 91  | 14835    | 0.5000       | 0.4632         | M     |
| S 105 1,3-Dichloropropene, Total   | 100 |           |               |               | 0   |          |              | 0.8818         |       |
| 107 Tetrachloroethene              | 166 | 10.091    | 10.091        | 0.000         | 98  | 31216    | 0.5000       | 0.4581         |       |
| 108 1,3-Dichloropropane            | 76  | 10.170    | 10.164        | 0.006         | 90  | 25777    | 0.5000       | 0.4625         |       |
| 109 2-Hexanone                     | 43  | 10.237    | 10.219        | 0.018         | 96  | 65862    | 5.00         | 4.11           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 90  | 18274    | 0.5000       | 0.4619         |       |
| 112 Ethylene Dibromide             | 107 | 10.512    | 10.500        | 0.012         | 98  | 13209    | 0.5000       | 0.4752         | M     |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.951        | -0.006        | 87  | 1338143  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.969    | 10.963        | 0.006         | 97  | 40837    | 0.5000       | 0.4496         |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 97  | 70237    | 0.5000       | 0.4602         |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.060        | 0.000         | 94  | 23870    | 0.5000       | 0.4751         |       |
| 117 Ethylbenzene                   | 91  | 11.073    | 11.067        | 0.006         | 98  | 131172   | 0.5000       | 0.4607         |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.189    | 11.189        | 0.000         | 100 | 99969    | 1.00         | 0.9236         |       |
| S 118 Xylenes, Total               | 106 |           |               |               | 0   |          |              | 1.38           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 120 o-Xylene                       | 106 | 11.524    | 11.518        | 0.006         | 97 | 47027    | 0.5000       | 0.4585         |       |
| 121 Styrene                        | 104 | 11.542    | 11.536        | 0.006         | 95 | 72995    | 0.5000       | 0.4433         |       |
| 122 Bromoform                      | 173 | 11.701    | 11.695        | 0.006         | 97 | 9558     | 0.5000       | 0.4673         |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 96 | 114730   | 0.5000       | 0.4576         |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 90 | 680449   | 10.0         | 10.1           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.079    | 12.079        | 0.000         | 92 | 17617    | 0.5000       | 0.4787         |       |
| 128 Bromobenzene                   | 156 | 12.091    | 12.091        | 0.000         | 94 | 27678    | 0.5000       | 0.4633         |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.109    | 12.103        | 0.006         | 95 | 44577    | 5.00         | 4.81           |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.127    | 12.121        | 0.006         | 76 | 4374     | 0.5000       | 0.4741         |       |
| 131 N-Propylbenzene                | 91  | 12.164    | 12.164        | 0.000         | 99 | 151451   | 0.5000       | 0.4558         |       |
| 132 2-Chlorotoluene                | 126 | 12.237    | 12.237        | 0.000         | 96 | 28630    | 0.5000       | 0.4513         |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.304    | 12.304        | 0.000         | 94 | 104912   | 0.5000       | 0.4511         |       |
| 134 4-Chlorotoluene                | 126 | 12.335    | 12.329        | 0.006         | 98 | 30138    | 0.5000       | 0.4716         |       |
| 135 tert-Butylbenzene              | 134 | 12.548    | 12.542        | 0.006         | 93 | 23903    | 0.5000       | 0.4656         |       |
| 136 Pentachloroethane              | 167 | 12.579    | 12.572        | 0.006         | 79 | 17133    | 0.5000       | 0.5064         |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.591    | 12.585        | 0.006         | 97 | 105302   | 0.5000       | 0.4461         |       |
| 138 sec-Butylbenzene               | 105 | 12.713    | 12.707        | 0.006         | 94 | 135188   | 0.5000       | 0.4511         |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.810    | 12.804        | 0.006         | 97 | 53587    | 0.5000       | 0.4484         |       |
| 140 4-Isopropyltoluene             | 119 | 12.822    | 12.822        | 0.000         | 97 | 115129   | 0.5000       | 0.4483         |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 95 | 746831   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 96 | 55773    | 0.5000       | 0.4531         |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.896    | 12.889        | 0.007         | 96 | 45642    | 0.5000       | 0.4586         |       |
| 144 Benzyl chloride                | 126 | 12.963    | 12.956        | 0.007         | 99 | 6418     | 0.5000       | 0.4423         |       |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 94 | 67890    | 0.5000       | 0.4511         |       |
| 146 n-Butylbenzene                 | 92  | 13.115    | 13.115        | 0.000         | 96 | 52968    | 0.5000       | 0.4376         |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.145    | 13.139        | 0.006         | 98 | 47281    | 0.5000       | 0.4536         |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 | 13.688    | 13.688        | 0.000         | 85 | 2053     | 0.5000       | 0.4203         |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.816    | 13.816        | 0.000         | 97 | 39280    | 0.5000       | 0.4476         |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.243    | 14.237        | 0.006         | 94 | 30990    | 0.5000       | 0.4411         |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 96 | 15207    | 0.5000       | 0.4379         |       |
| 153 Naphthalene                    | 128 | 14.420    | 14.414        | 0.006         | 97 | 49166    | 0.5000       | 0.4278         |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.560    | 14.560        | 0.000         | 95 | 25762    | 0.5000       | 0.4464         |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

|                     |                    |           |             |
|---------------------|--------------------|-----------|-------------|
| MSV_LL_#1_826_00171 | Amount Added: 2.00 | Units: uL |             |
| MSV_LL_GAS826_00279 | Amount Added: 2.00 | Units: uL |             |
| MSV_LL_#2_826_00185 | Amount Added: 2.00 | Units: uL |             |
| MSV_LLcentISS_00016 | Amount Added: 5.00 | Units: uL | Run Reagent |

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D

Injection Date: 09-Jul-2025 05:18:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: IC std4 0.5

Worklist Smp#: 16

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

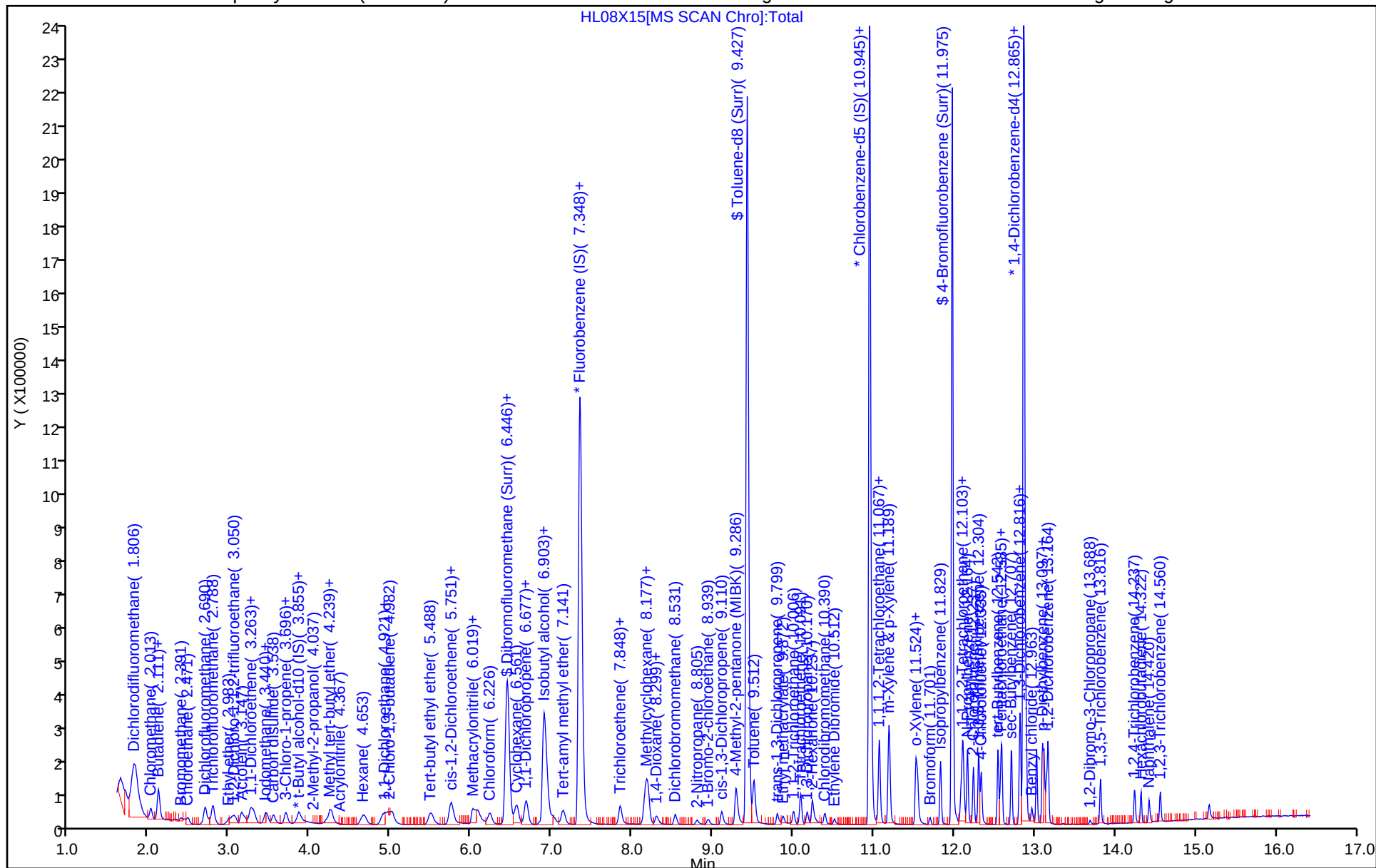
ALS Bottle#: 15

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

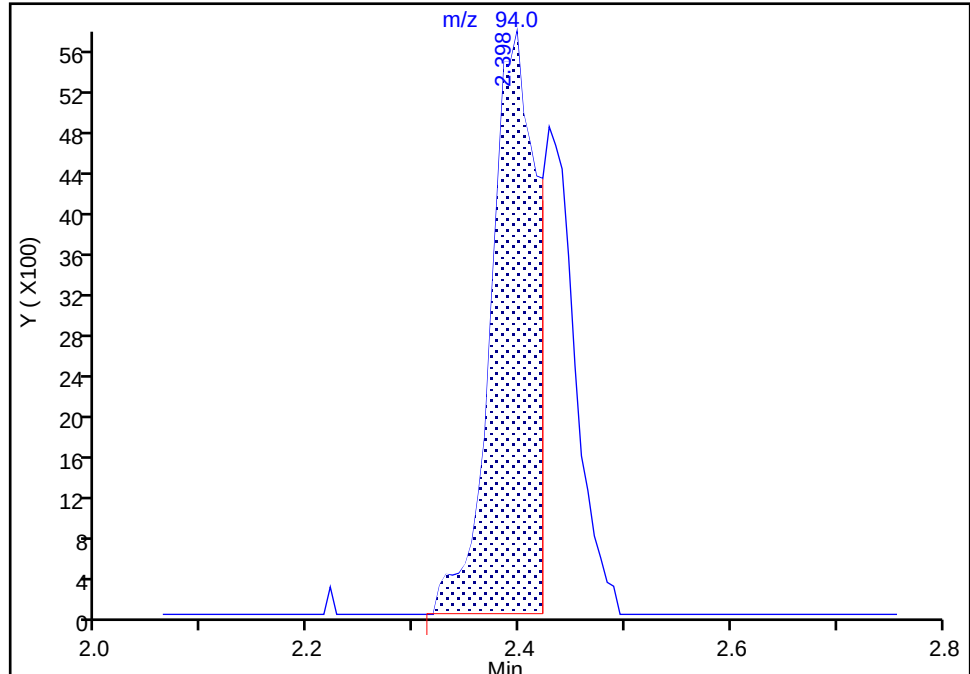
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) Detector: MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

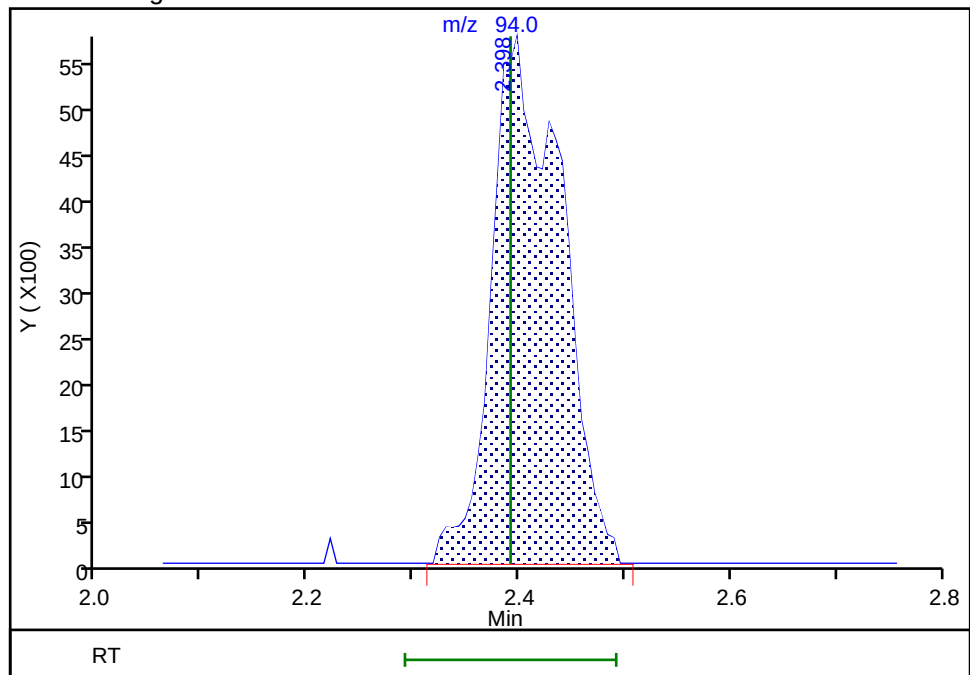
RT: 2.40  
Area: 17621  
Amount: 0.325730  
Amount Units: ug/l

## Processing Integration Results



RT: 2.40  
Area: 26674  
Amount: 0.521080  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:22:43 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

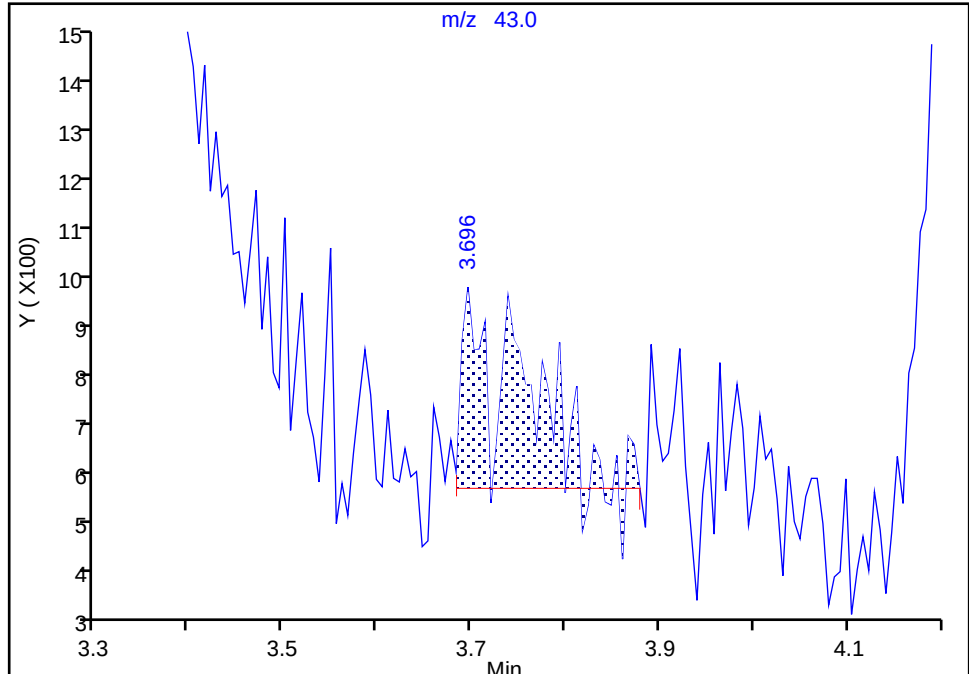
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

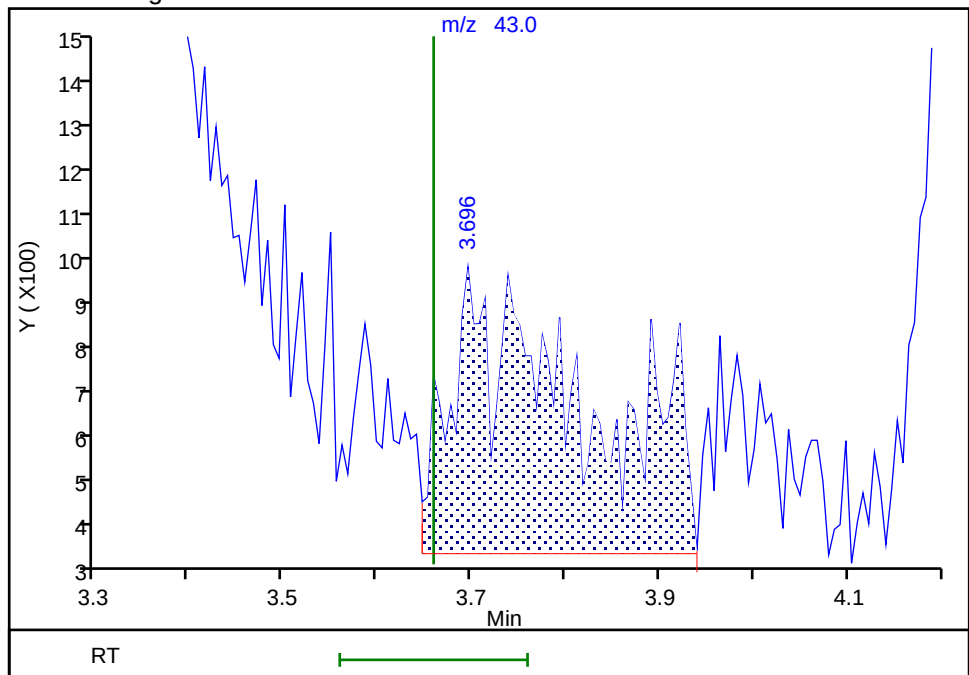
RT: 3.70  
Area: 1585  
Amount: 0.101950  
Amount Units: ug/l

## Processing Integration Results



RT: 3.70  
Area: 5896  
Amount: 0.480286  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:22:58 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

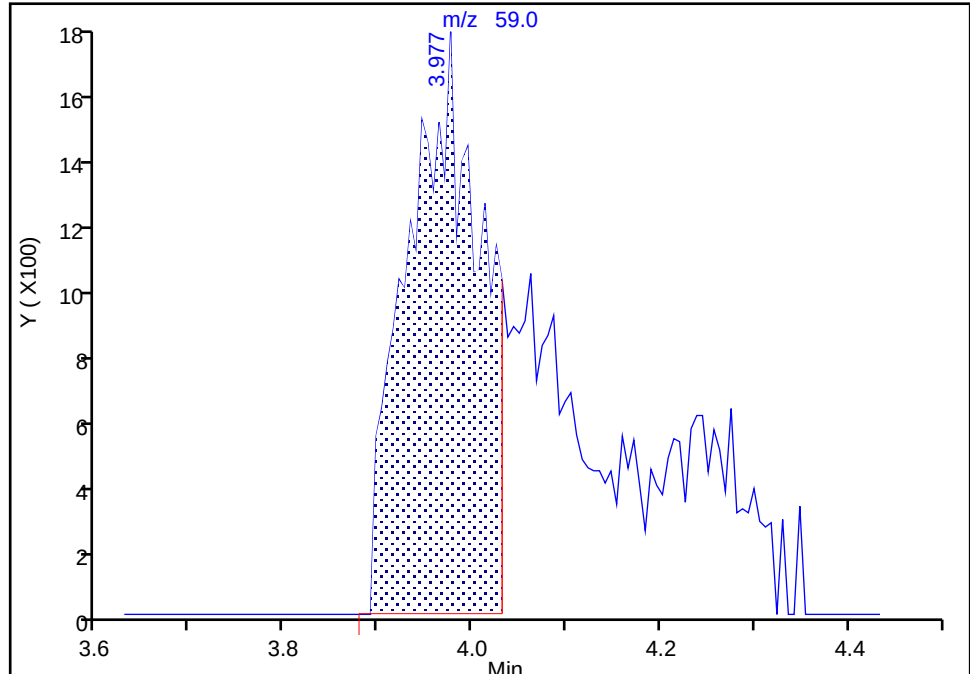
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) Detector: MS Quad

**29 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

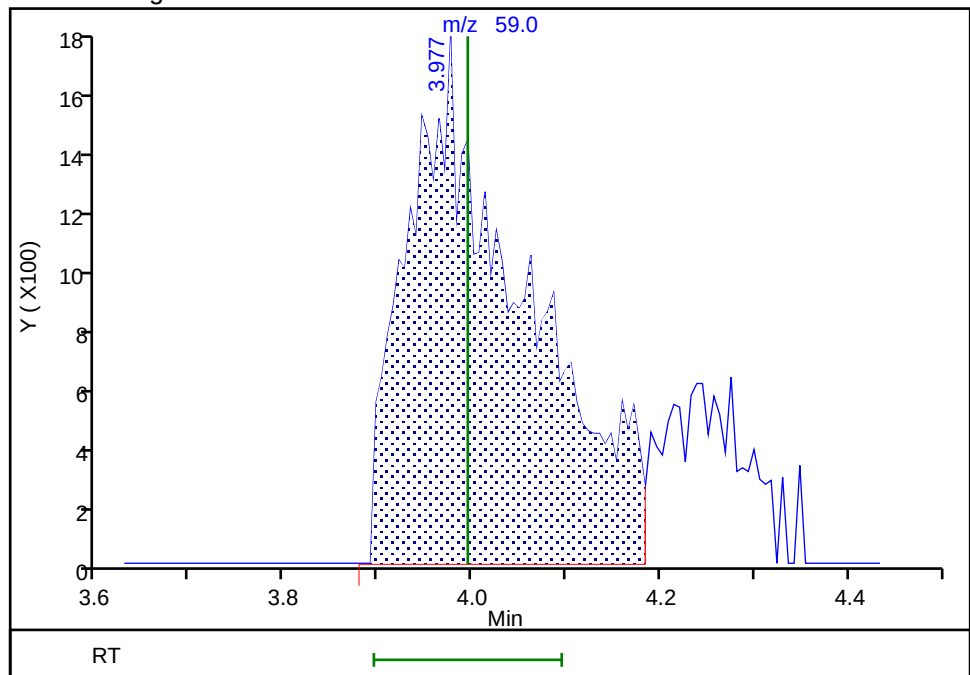
RT: 3.98  
Area: 9540  
Amount: 6.390444  
Amount Units: ug/l

## Processing Integration Results



RT: 3.98  
Area: 15135  
Amount: 9.623073  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:23:25 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

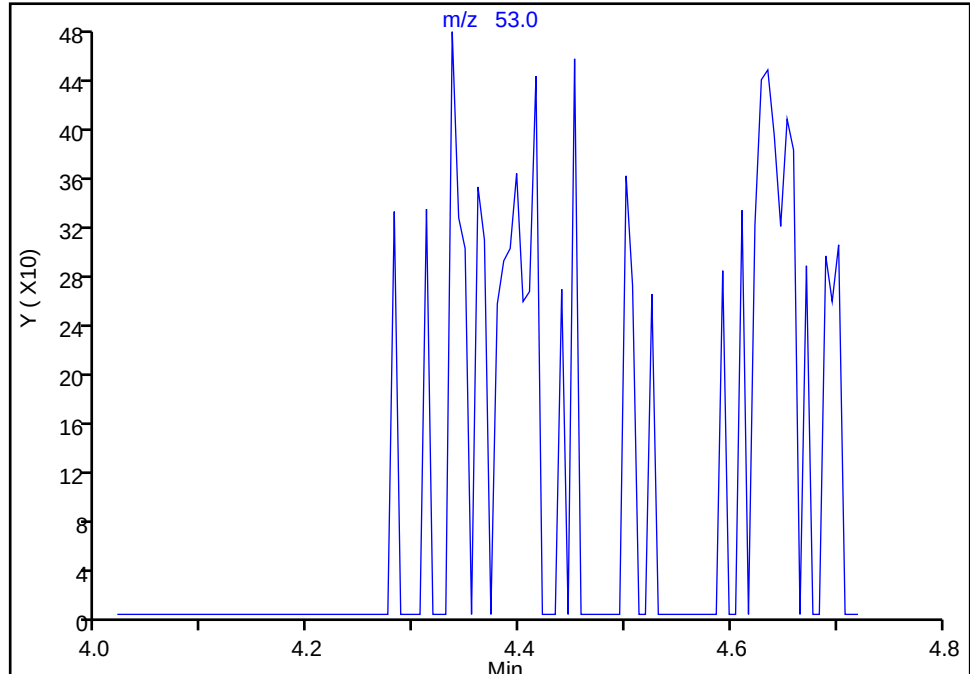
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) MS Quad

**31 Acrylonitrile, CAS: 107-13-1**

Signal: 1

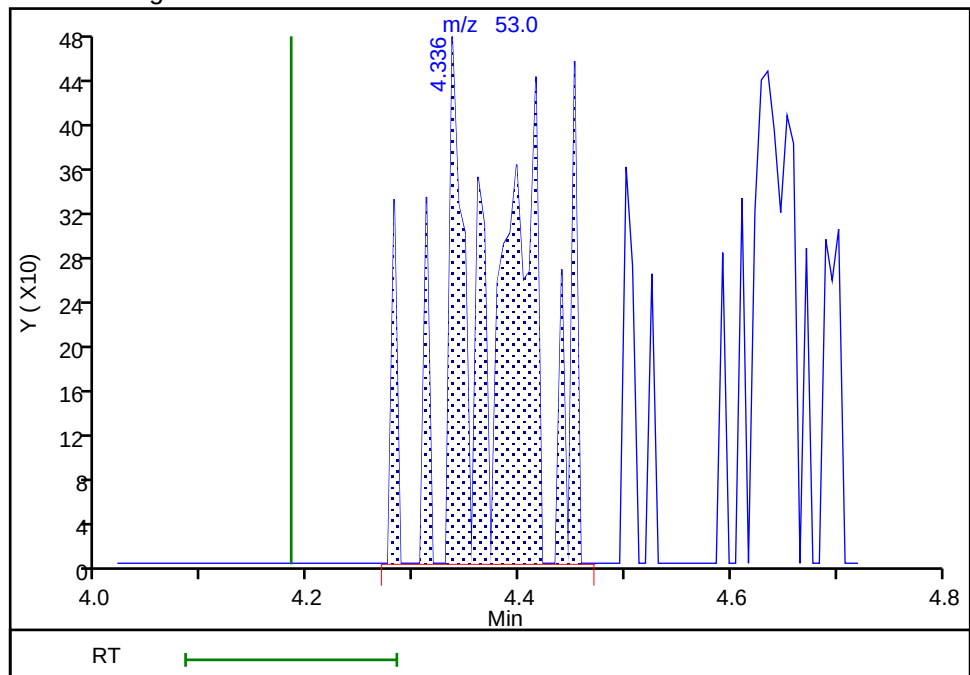
Not Detected  
Expected RT: 4.18

## Processing Integration Results



## Manual Integration Results

RT: 4.34  
Area: 1924  
Amount: 0.753014  
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:23:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

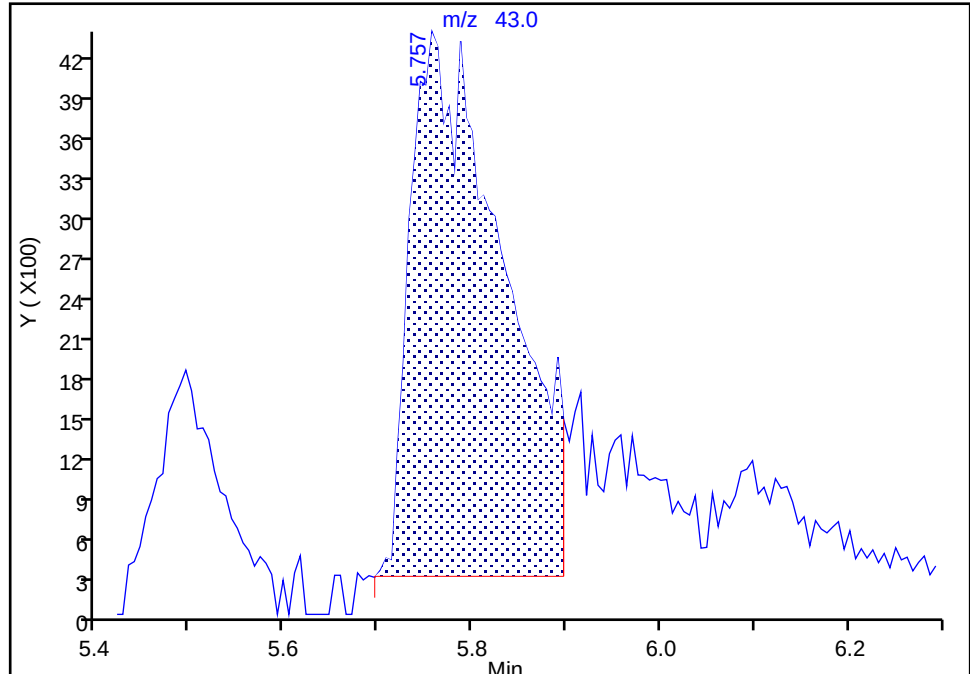
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

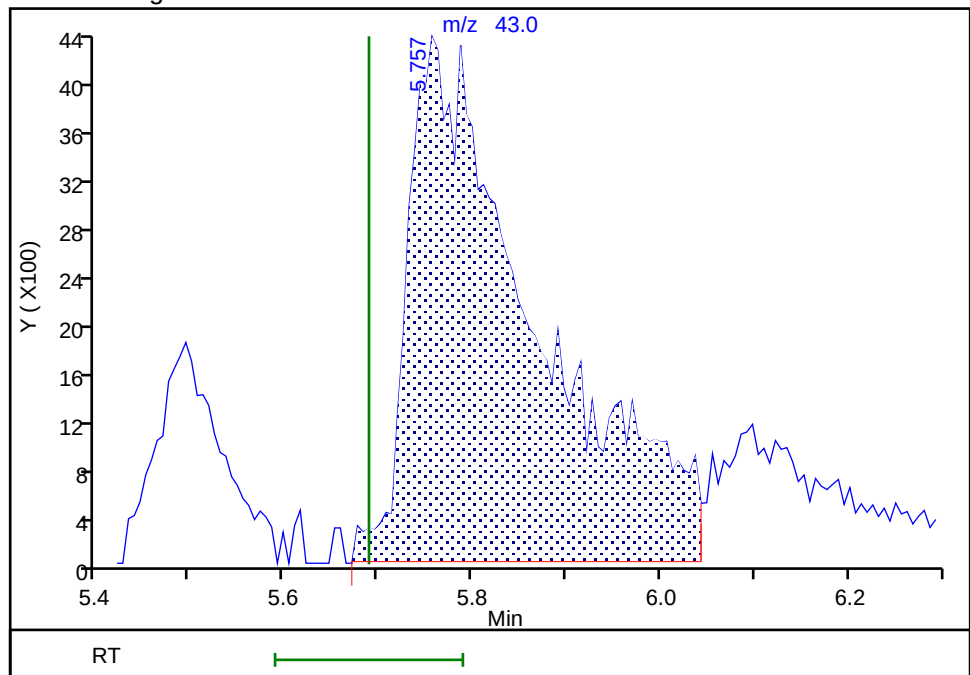
RT: 5.76  
Area: 28195  
Amount: 3.907703  
Amount Units: ug/l

## Processing Integration Results



RT: 5.76  
Area: 41063  
Amount: 4.668654  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:24:07 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration



## Eurofins Lancaster Laboratories Environment Testing, LLC

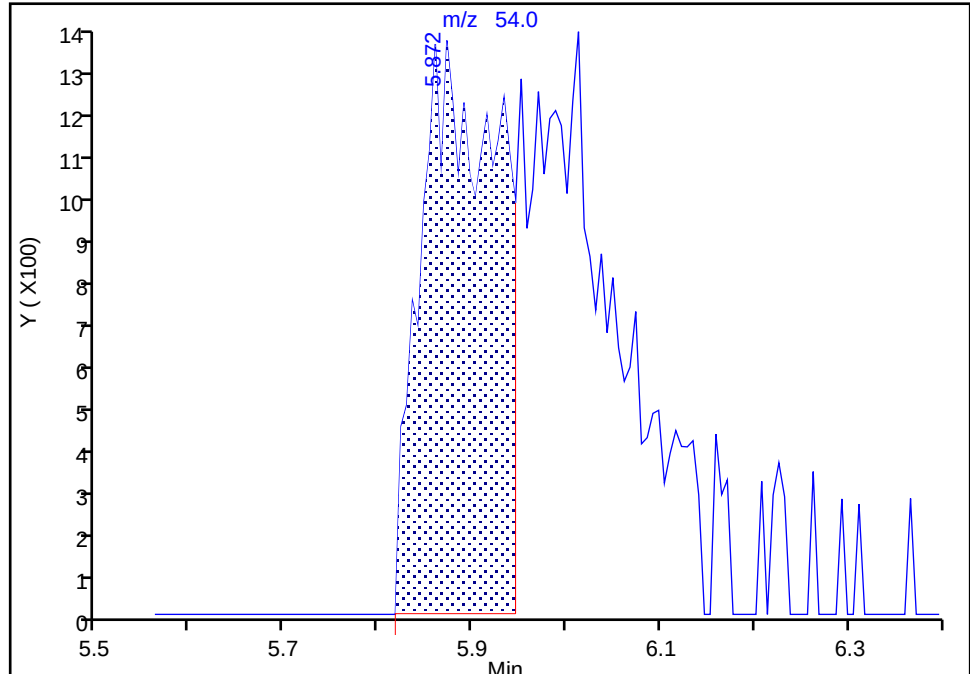
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) Detector: MS Quad

**44 Propionitrile, CAS: 107-12-0**

Signal: 1

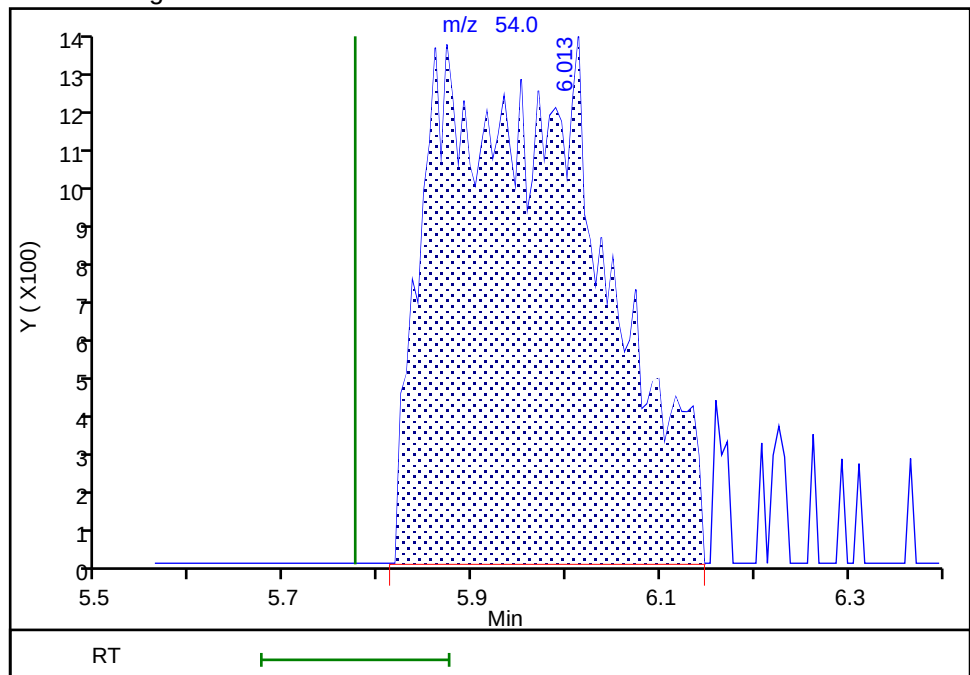
RT: 5.87  
Area: 7502  
Amount: 4.424431  
Amount Units: ug/l

## Processing Integration Results



RT: 6.01  
Area: 16007  
Amount: 7.302044  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:24:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

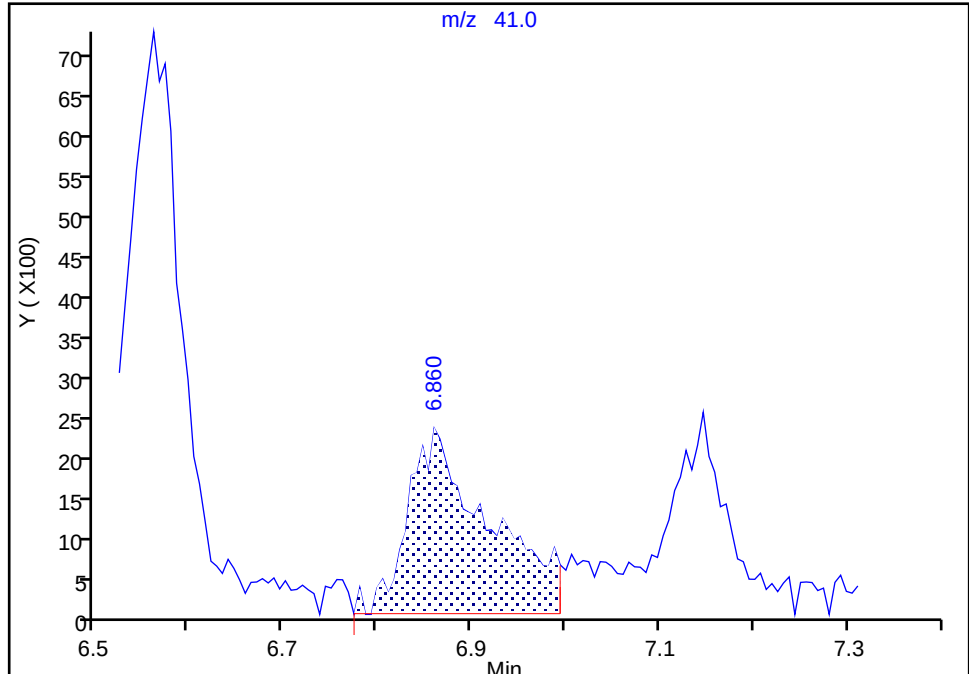
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**57 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

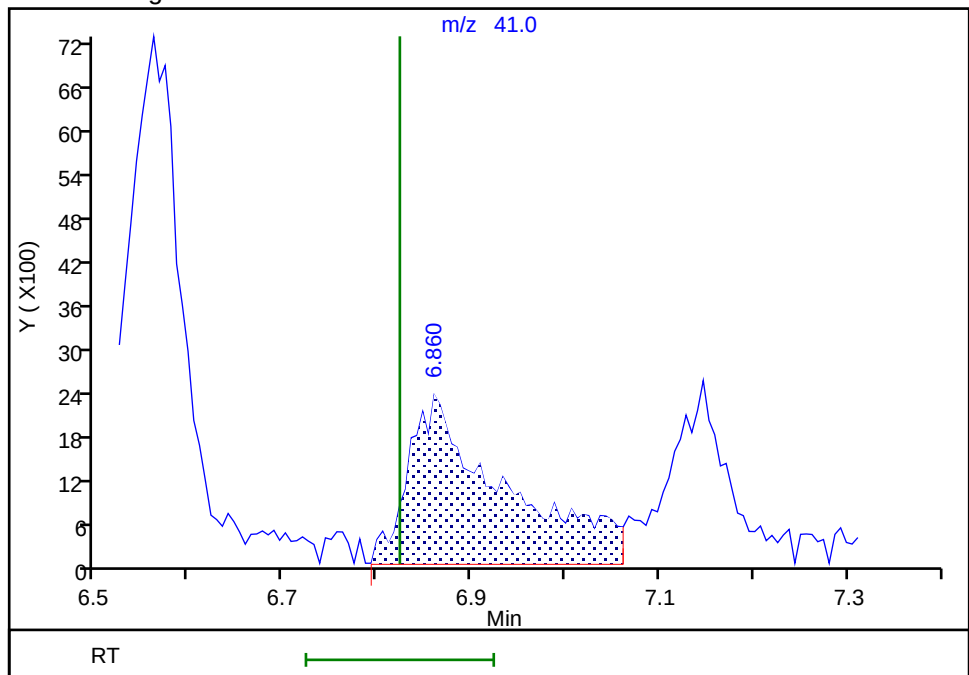
RT: 6.86  
Area: 13815  
Amount: 21.053968  
Amount Units: ug/l

## Processing Integration Results



RT: 6.86  
Area: 16101  
Amount: 26.210038  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:25:04 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

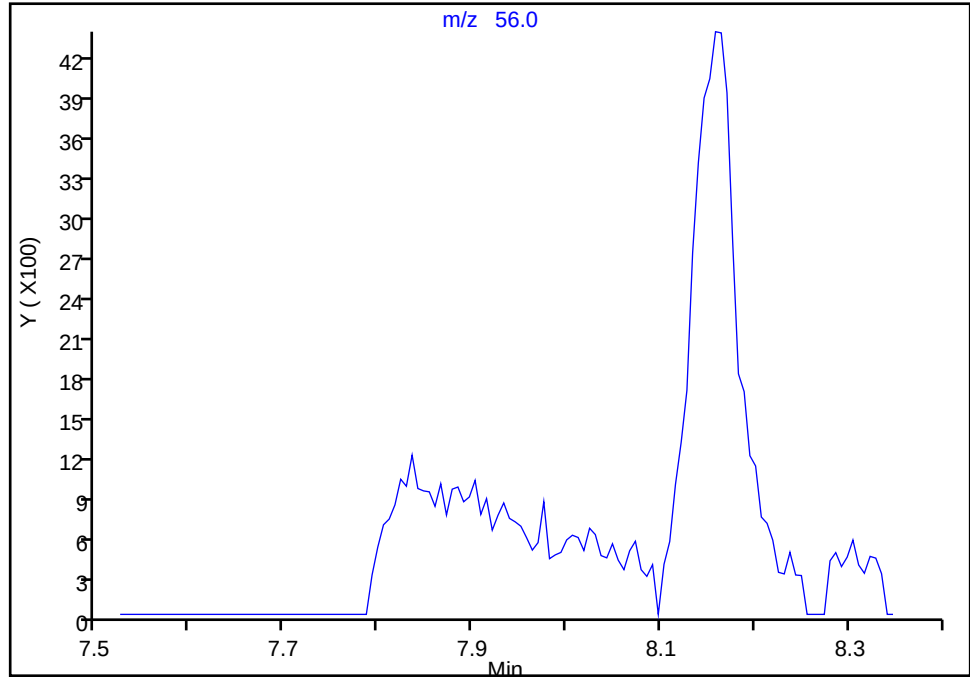
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**67 n-Butanol, CAS: 71-36-3**

Signal: 1

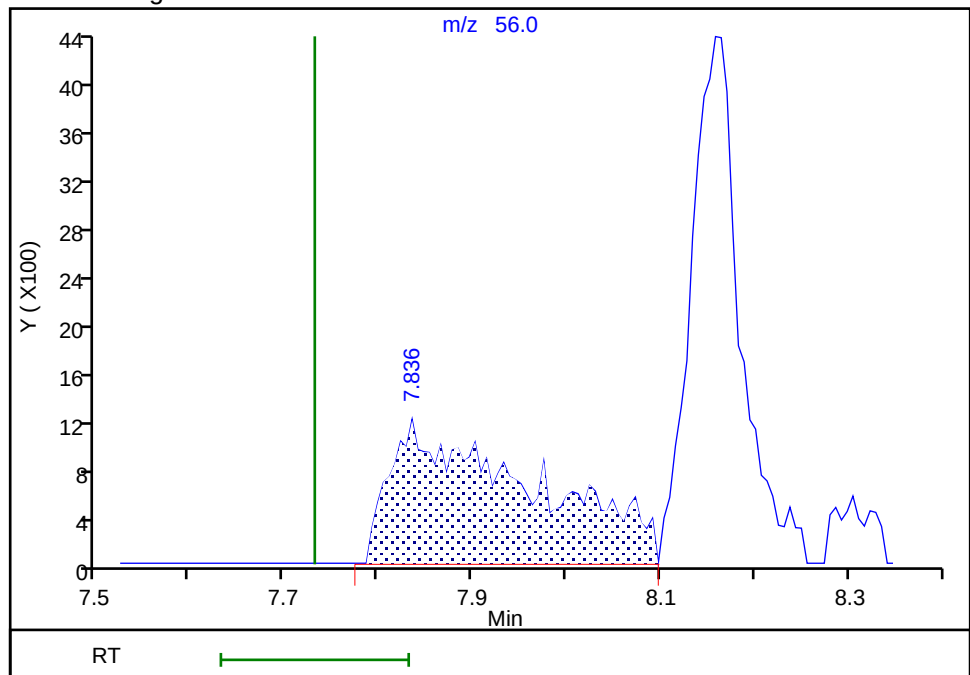
RT: 7.92  
Area: 0  
Amount: 0  
Amount Units: ug/l

## Processing Integration Results



RT: 7.84  
Area: 12166  
Amount: 58.643309  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:25:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

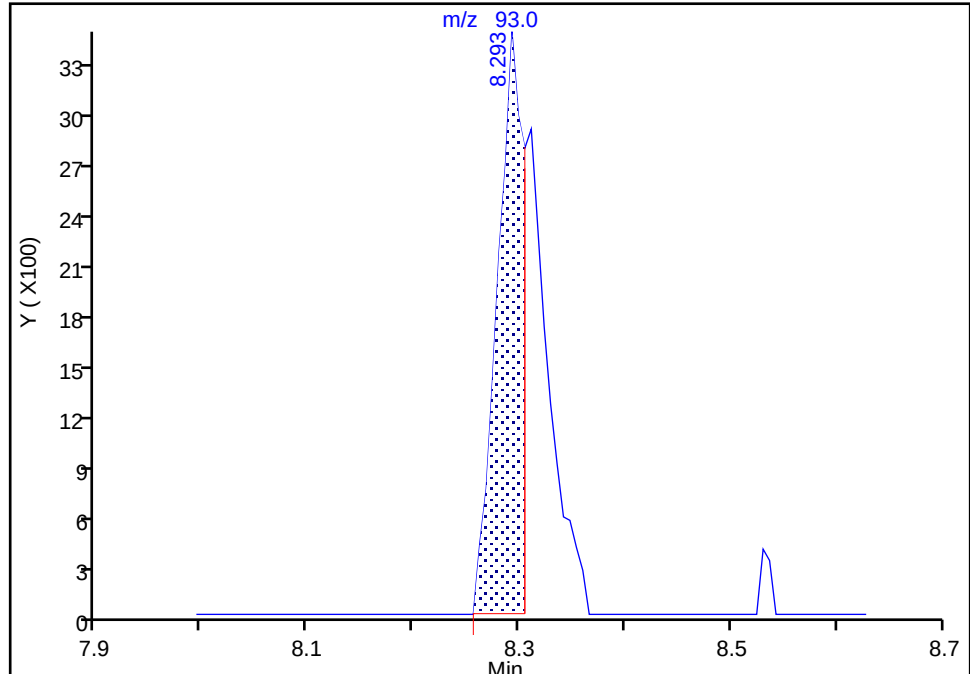
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**74 Dibromomethane, CAS: 74-95-3**

Signal: 1

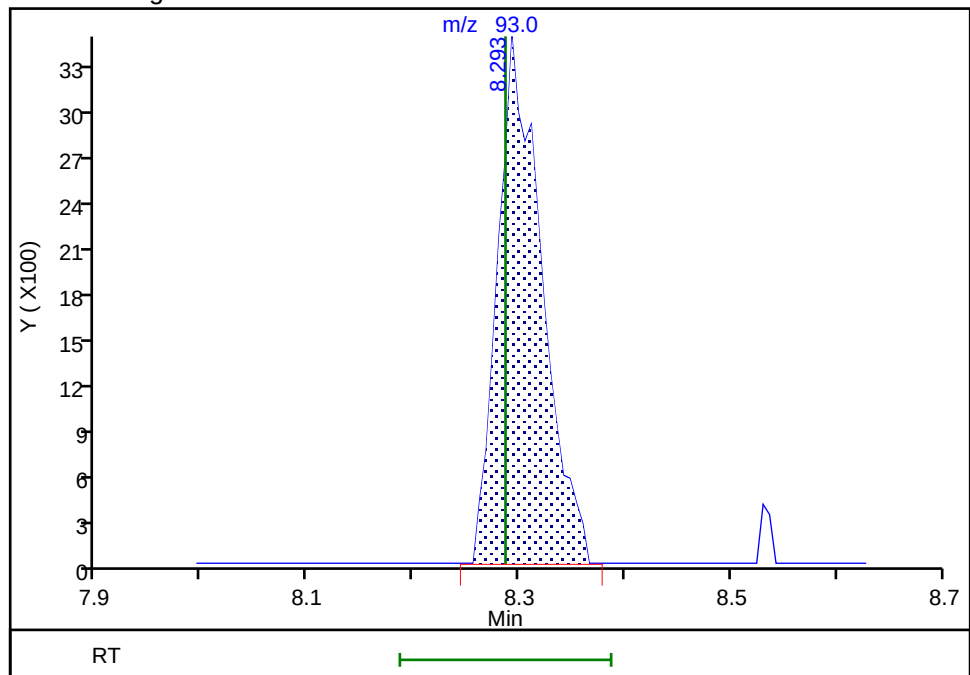
RT: 8.29  
Area: 6110  
Amount: 0.312949  
Amount Units: ug/l

## Processing Integration Results



RT: 8.29  
Area: 10103  
Amount: 0.492296  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:25:39 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

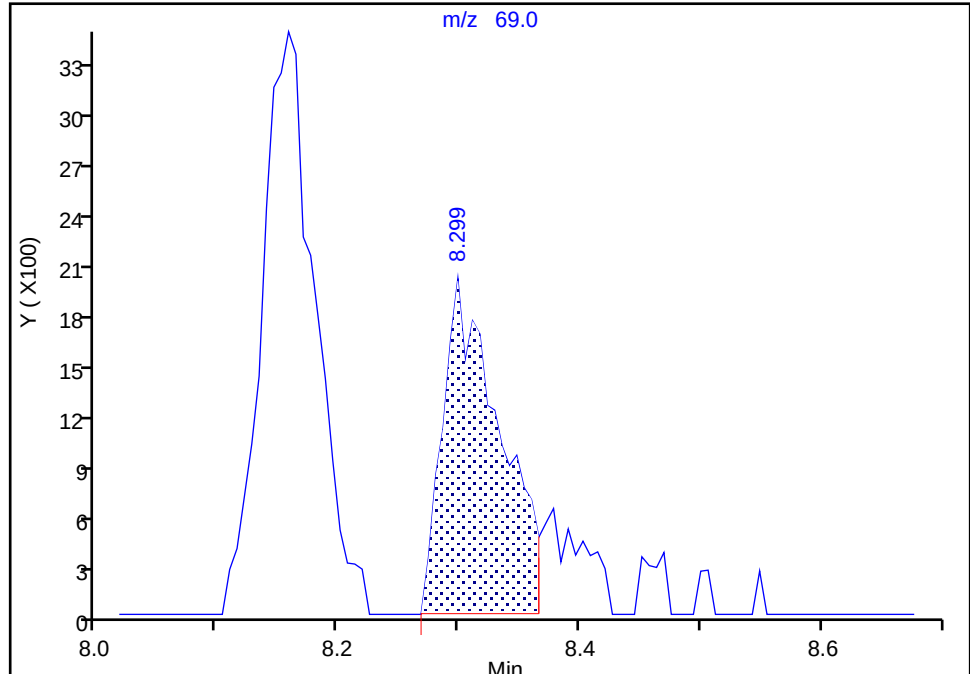
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**72 Methyl methacrylate, CAS: 80-62-6**

Signal: 1

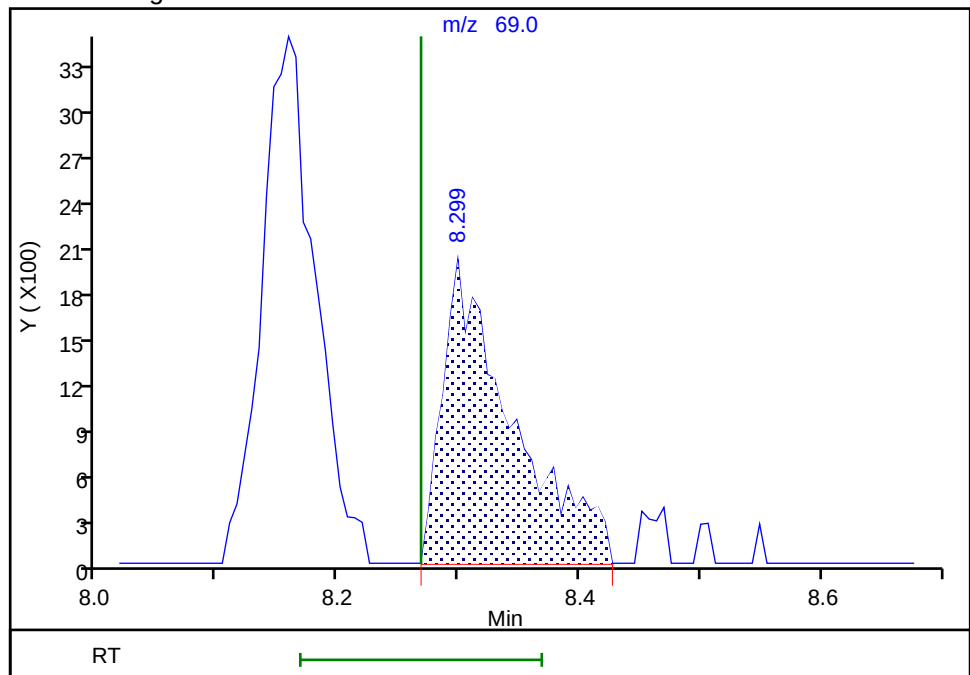
RT: 8.30  
Area: 6534  
Amount: 0.370123  
Amount Units: ug/l

## Processing Integration Results



RT: 8.30  
Area: 7905  
Amount: 0.438064  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:25:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

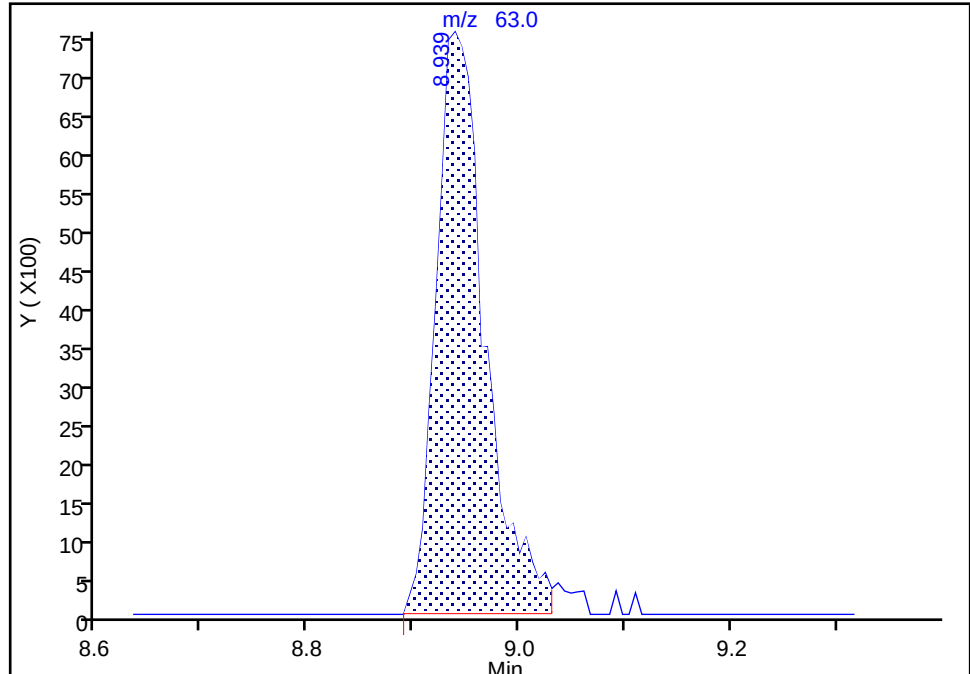
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**79 1-Bromo-2-chloroethane, CAS: 107-04-0**

Signal: 1

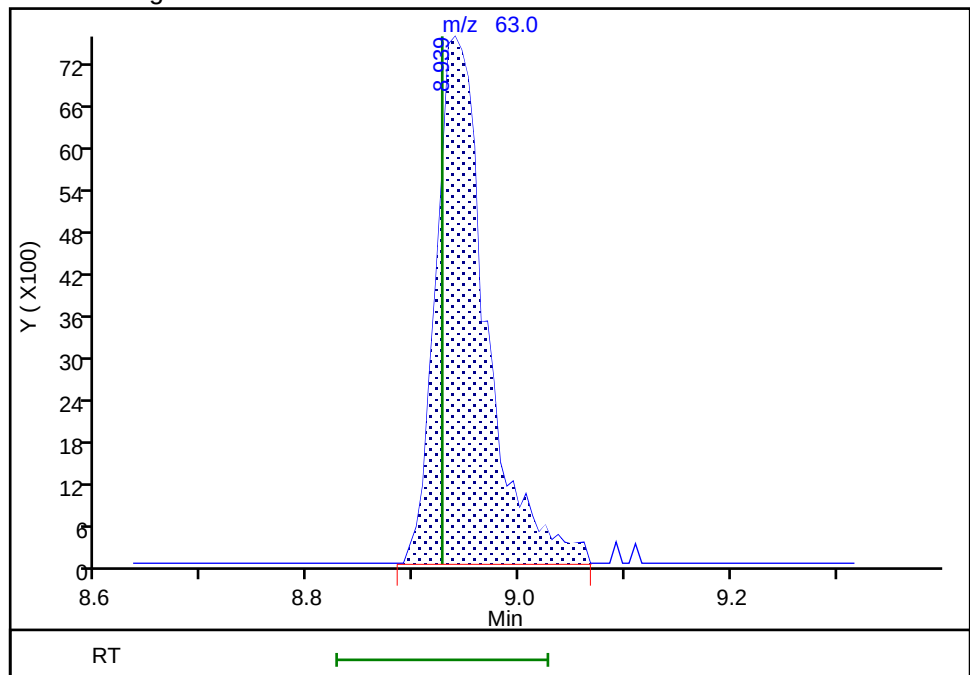
RT: 8.94  
Area: 24500  
Amount: 0.499823  
Amount Units: ug/l

## Processing Integration Results



RT: 8.94  
Area: 25080  
Amount: 0.507347  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:25:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

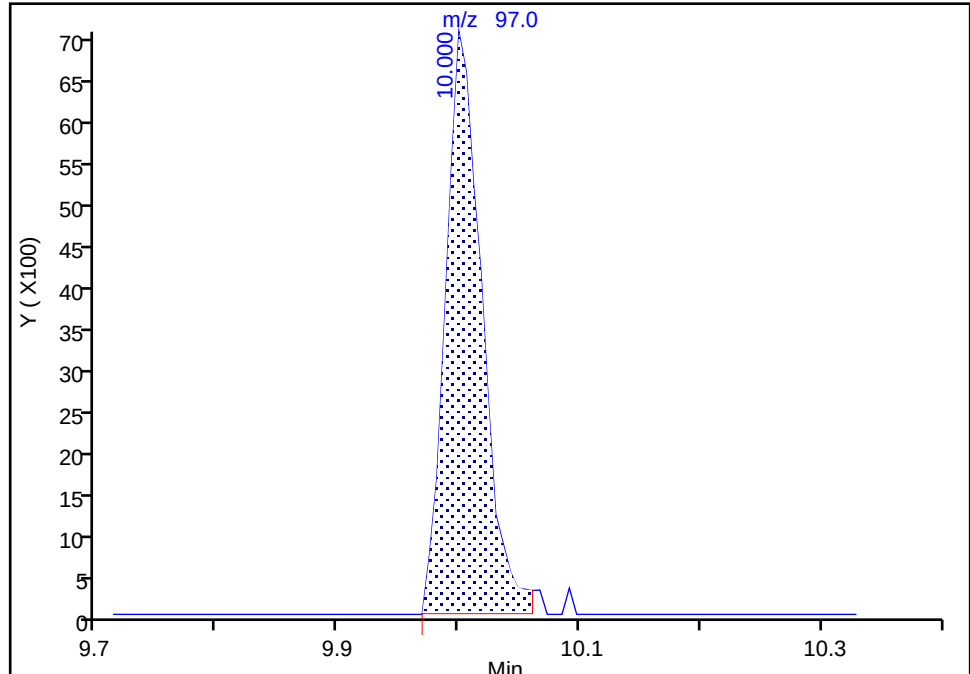
## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

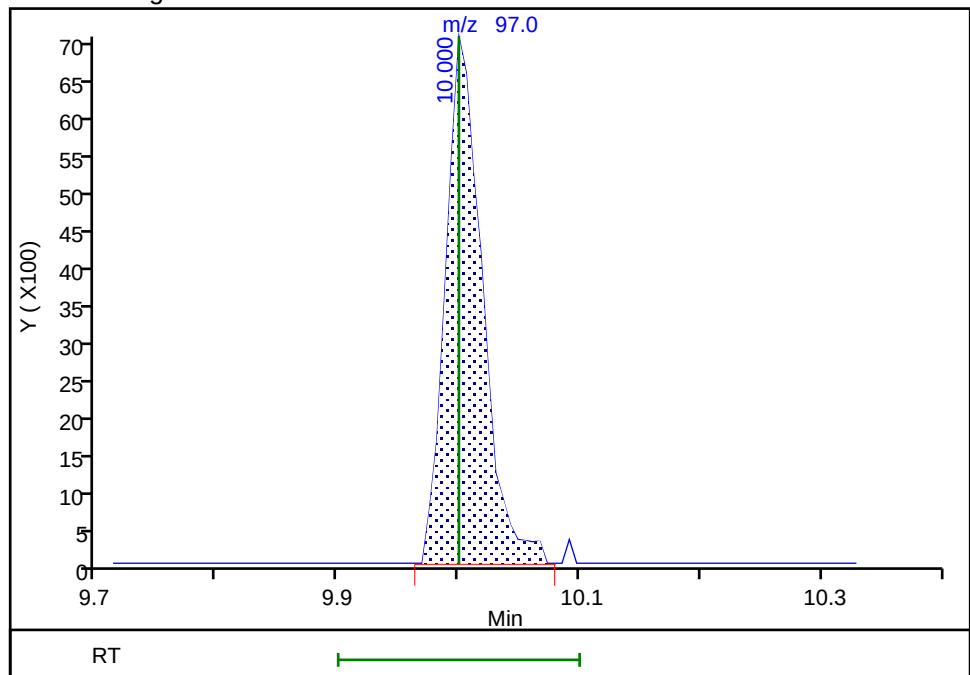
RT: 10.00  
Area: 14728  
Amount: 0.460177  
Amount Units: ug/l

## Processing Integration Results



RT: 10.00  
Area: 14835  
Amount: 0.463176  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:26:34 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

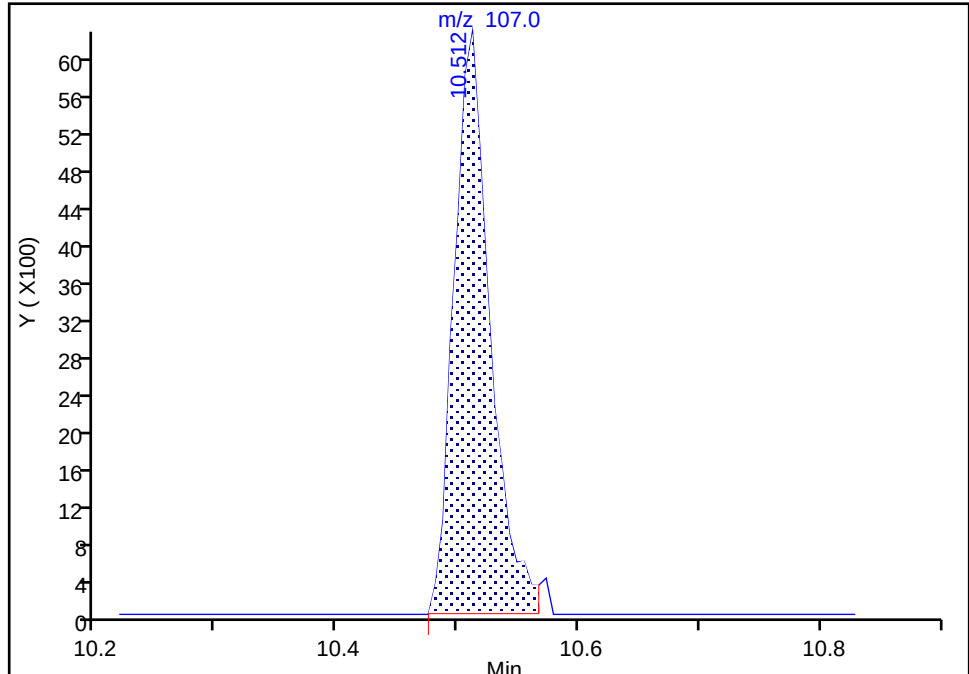
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D  
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094  
Lims ID: IC std4 0.5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**112 Ethylene Dibromide, CAS: 106-93-4**

Signal: 1

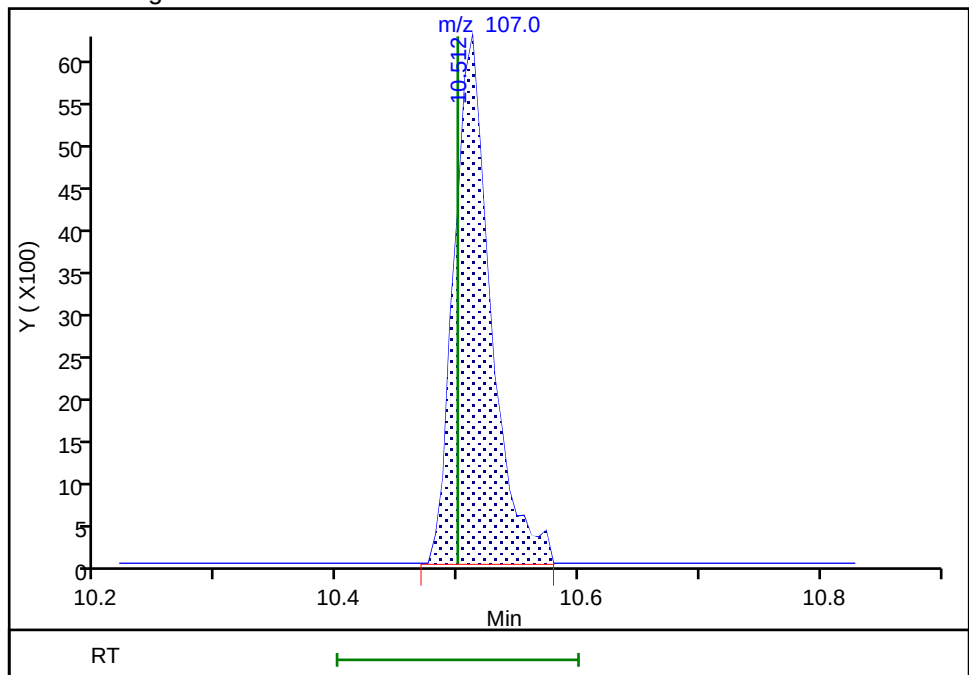
RT: 10.51  
Area: 13067  
Amount: 0.470671  
Amount Units: ug/l

## Processing Integration Results



RT: 10.51  
Area: 13209  
Amount: 0.475246  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:26:44 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D  
 Lims ID: IC std5 1  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 09-Jul-2025 05:39:30 ALS Bottle#: 16 Worklist Smp#: 17  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-017  
 Misc. Info.: IC STD5 1  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 16:05:17 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 01:28:13

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.824     | 1.831         | -0.007        | 98  | 61195    | 1.00         | 1.00           |       |
| 5 Chloromethane                     | 50  | 2.013     | 2.013         | 0.000         | 99  | 88097    | 1.00         | 1.09           |       |
| 7 Butadiene                         | 39  | 2.105     | 2.105         | 0.000         | 92  | 78930    | 1.00         | 1.01           |       |
| 6 Vinyl chloride                    | 62  | 2.117     | 2.123         | -0.006        | 98  | 80555    | 1.00         | 1.10           |       |
| 9 Bromomethane                      | 94  | 2.398     | 2.391         | 0.007         | 88  | 58080    | 1.00         | 1.11           | M     |
| 10 Chloroethane                     | 64  | 2.477     | 2.477         | 0.000         | 100 | 50372    | 1.00         | 1.09           |       |
| 11 Dichlorofluoromethane            | 67  | 2.684     | 2.690         | -0.006        | 97  | 130016   | 1.00         | 1.05           |       |
| 12 Trichlorofluoromethane           | 101 | 2.782     | 2.788         | -0.006        | 53  | 93150    | 1.00         | 0.9785         |       |
| 14 Ethyl ether                      | 59  | 2.977     | 2.971         | 0.006         | 92  | 32457    | 1.00         | 1.01           |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.044     | 3.050         | -0.006        | 94  | 71506    | 1.00         | 1.01           |       |
| 16 Acrolein                         | 56  | 3.135     | 3.117         | 0.018         | 99  | 207595   | 48.8         | 55.3           |       |
| 17 1,1-Dichloroethene               | 96  | 3.257     | 3.251         | 0.006         | 97  | 51386    | 1.00         | 1.07           |       |
| 19 Acetone                          | 43  | 3.306     | 3.275         | 0.031         | 53  | 46047    | 10.0         | 10.0           |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.294     | 3.294         | 0.000         | 92  | 47770    | 1.00         | 1.01           |       |
| 21 Iodomethane                      | 142 | 3.434     | 3.434         | 0.000         | 99  | 99728    | 1.00         | 1.08           |       |
| 22 Ethyl bromide                    | 108 | 3.458     | 3.458         | 0.000         | 97  | 39608    | 1.00         | 0.9748         |       |
| 23 Carbon disulfide                 | 76  | 3.538     | 3.531         | 0.007         | 99  | 157512   | 1.00         | 1.07           |       |
| 24 Methyl acetate                   | 43  | 3.702     | 3.660         | 0.042         | 22  | 10912    | 1.00         | 0.99           | M     |
| 26 3-Chloro-1-propene               | 41  | 3.690     | 3.684         | 0.006         | 92  | 101799   | 1.00         | 1.07           |       |
| 27 Methylene Chloride               | 84  | 3.855     | 3.855         | 0.000         | 94  | 52255    | 1.00         | 1.04           |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.861     | 3.891         | -0.030        | 94  | 64825    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.976     | 3.995         | -0.019        | 91  | 24757    | 20.0         | 17.6           |       |
| 31 Acrylonitrile                    | 53  | 4.269     | 4.184         | 0.085         | 19  | 9277     | 2.50         | 2.04           | M     |
| 32 Methyl tert-butyl ether          | 73  | 4.226     | 4.214         | 0.012         | 95  | 104199   | 1.00         | 0.9427         |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.245     | 4.239         | 0.006         | 97  | 57900    | 1.00         | 1.09           |       |
| 34 Hexane                           | 57  | 4.659     | 4.659         | 0.000         | 92  | 77464    | 1.00         | 0.9582         |       |
| 36 1,1-Dichloroethane               | 63  | 4.891     | 4.891         | 0.000         | 96  | 110510   | 1.00         | 1.07           |       |
| 37 Isopropyl ether                  | 45  | 4.958     | 4.952         | 0.006         | 95  | 170834   | 1.00         | 0.9830         |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 5.019     | 5.001         | 0.018         | 92  | 95438    | 1.00         | 1.07           |       |
| 40 Tert-butyl ethyl ether           | 59  | 5.494     | 5.495         | 0.000         | 99  | 146425   | 1.00         | 0.9717         |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.732     | 5.690         | 0.042         | 100 | 84562    | 10.0         | 10.7           | M     |
| 42 cis-1,2-Dichloroethene          | 96  | 5.738     | 5.732         | 0.006         | 86  | 61566    | 1.00         | 1.06           |       |
| 43 2,2-Dichloropropane             | 77  | 5.744     | 5.744         | 0.000         | 78  | 96232    | 1.00         | 1.07           |       |
| 44 Propionitrile                   | 54  | 5.860     | 5.775         | 0.085         | 97  | 38545    | 20.0         | 19.6           | M     |
| 47 Methacrylonitrile               | 67  | 6.007     | 5.988         | 0.019         | 92  | 86632    | 10.0         | 10.9           |       |
| 48 Chlorobromomethane              | 128 | 6.074     | 6.068         | 0.006         | 95  | 20976    | 1.00         | 0.9564         |       |
| 49 Tetrahydrofuran                 | 71  | 6.086     | 6.080         | 0.006         | 83  | 11085    | 5.00         | 5.00           |       |
| S 46 1,2-Dichloroethene, Total     | 100 |           |               |               | 0   |          |              | 2.15           |       |
| 50 Chloroform                      | 83  | 6.232     | 6.226         | 0.006         | 93  | 99467    | 1.00         | 1.04           |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.445     | 6.446         | -0.001        | 94  | 437313   | 10.0         | 9.95           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.452     | 6.458         | -0.006        | 99  | 92932    | 1.00         | 1.04           |       |
| 54 Cyclohexane                     | 56  | 6.561     | 6.561         | 0.000         | 91  | 102163   | 1.00         | 0.9298         |       |
| 56 Carbon tetrachloride            | 117 | 6.677     | 6.677         | 0.000         | 86  | 78314    | 1.00         | 1.04           |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.677         | 0.000         | 94  | 86167    | 1.00         | 1.04           |       |
| 57 Isobutyl alcohol                | 41  | 6.854     | 6.824         | 0.030         | 92  | 22218    | 50.0         | 40.3           | M     |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 81  | 78724    | 10.0         | 9.88           |       |
| 59 Benzene                         | 78  | 6.939     | 6.939         | 0.000         | 96  | 252625   | 1.00         | 1.08           |       |
| 60 1,2-Dichloroethane              | 62  | 7.025     | 7.006         | 0.019         | 97  | 50003    | 1.00         | 0.9488         |       |
| 63 Tert-amyl methyl ether          | 73  | 7.134     | 7.141         | -0.007        | 98  | 119976   | 1.00         | 0.9201         |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.354         | -0.006        | 98  | 1893953  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 93  | 75711    | 1.00         | 0.8856         |       |
| 67 n-Butanol                       | 56  | 7.842     | 7.732         | 0.110         | 22  | 19477    | 87.5         | 76.2           | M     |
| 68 Trichloroethene                 | 95  | 7.842     | 7.842         | 0.000         | 99  | 64703    | 1.00         | 1.05           |       |
| 69 Methylcyclohexane               | 83  | 8.159     | 8.159         | 0.000         | 91  | 97556    | 1.00         | 0.9120         |       |
| 70 1,2-Dichloropropane             | 63  | 8.177     | 8.177         | 0.000         | 97  | 57558    | 1.00         | 1.02           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 92  | 81854    | 1.00         | 0.9591         |       |
| 72 Methyl methacrylate             | 69  | 8.287     | 8.268         | 0.019         | 79  | 17132    | 1.00         | 1.06           |       |
| 73 1,4-Dioxane                     | 88  | 8.305     | 8.287         | 0.018         | 28  | 1959     | 50.0         | 44.3           | M     |
| 74 Dibromomethane                  | 93  | 8.287     | 8.287         | 0.000         | 95  | 20939    | 1.00         | 1.00           |       |
| 76 Dichlorobromomethane            | 83  | 8.530     | 8.531         | 0.000         | 99  | 62768    | 1.00         | 1.00           |       |
| 77 2-Nitropropane                  | 41  | 8.799     | 8.793         | 0.006         | 98  | 25231    | 5.00         | 5.03           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.939     | 8.927         | 0.012         | 98  | 45636    | 1.00         | 0.9067         | M     |
| 80 cis-1,3-Dichloropropene         | 75  | 9.110     | 9.097         | 0.013         | 95  | 74455    | 1.00         | 0.9669         |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.286     | 9.280         | 0.006         | 98  | 236617   | 10.0         | 10.5           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94  | 1877074  | 10.0         | 9.91           |       |
| 84 Toluene                         | 92  | 9.512     | 9.506         | 0.006         | 98  | 155904   | 1.00         | 1.06           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.799     | 9.786         | 0.012         | 94  | 53505    | 1.00         | 0.9208         |       |
| 104 Ethyl methacrylate             | 69  | 9.866     | 9.860         | 0.006         | 91  | 37170    | 1.00         | 0.9049         |       |
| 106 1,1,2-Trichloroethane          | 97  | 10.000    | 10.000        | 0.000         | 91  | 29430    | 1.00         | 0.9035         |       |
| S 105 1,3-Dichloropropene, Total   | 100 |           |               |               | 0   |          |              | 1.89           |       |
| 107 Tetrachloroethene              | 166 | 10.091    | 10.091        | 0.000         | 97  | 74060    | 1.00         | 1.07           |       |
| 108 1,3-Dichloropropane            | 76  | 10.170    | 10.164        | 0.006         | 91  | 55118    | 1.00         | 0.9724         |       |
| 109 2-Hexanone                     | 43  | 10.231    | 10.219        | 0.012         | 97  | 151274   | 10.0         | 10.5           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 90  | 37944    | 1.00         | 0.9431         |       |
| 112 Ethylene Dibromide             | 107 | 10.506    | 10.500        | 0.006         | 99  | 27393    | 1.00         | 0.9691         |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.951    | 10.951        | 0.000         | 87  | 1360861  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 97  | 85990    | 1.00         | 0.9310         |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 95  | 162377   | 1.00         | 1.05           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.060    | 11.060        | 0.000         | 95  | 51167    | 1.00         | 1.00           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 99  | 304640   | 1.00         | 1.05           |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.188    | 11.189        | -0.001        | 100 | 232944   | 2.00         | 2.12           |       |
| S 118 Xylenes, Total               | 106 |           |               |               | 0   |          |              | 3.15           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 120 o-Xylene                       | 106 | 11.524    | 11.518        | 0.006         | 98 | 107510   | 1.00         | 1.03           |       |
| 121 Styrene                        | 104 | 11.542    | 11.536        | 0.006         | 95 | 166885   | 1.00         | 1.00           |       |
| 122 Bromoform                      | 173 | 11.701    | 11.695        | 0.006         | 97 | 19846    | 1.00         | 0.9541         |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 96 | 267430   | 1.00         | 1.05           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 90 | 682936   | 10.0         | 9.99           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.079    | 12.079        | 0.000         | 93 | 34943    | 1.00         | 0.9389         |       |
| 128 Bromobenzene                   | 156 | 12.091    | 12.091        | 0.000         | 95 | 59684    | 1.00         | 0.9880         |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.103        | 0.000         | 94 | 94191    | 10.0         | 11.3           |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.121    | 12.121        | 0.000         | 77 | 9112     | 1.00         | 0.9766         |       |
| 131 N-Propylbenzene                | 91  | 12.164    | 12.164        | 0.000         | 99 | 360035   | 1.00         | 1.07           |       |
| 132 2-Chlorotoluene                | 126 | 12.237    | 12.237        | 0.000         | 96 | 68043    | 1.00         | 1.06           |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.304    | 12.304        | 0.000         | 93 | 247870   | 1.00         | 1.05           |       |
| 134 4-Chlorotoluene                | 126 | 12.335    | 12.329        | 0.006         | 98 | 66335    | 1.00         | 1.03           |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 94 | 53085    | 1.00         | 1.02           |       |
| 136 Pentachloroethane              | 167 | 12.572    | 12.572        | 0.000         | 83 | 32920    | 1.00         | 0.9623         |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.591    | 12.585        | 0.006         | 98 | 252696   | 1.00         | 1.06           |       |
| 138 sec-Butylbenzene               | 105 | 12.706    | 12.707        | -0.001        | 94 | 313774   | 1.00         | 1.04           |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.810    | 12.804        | 0.006         | 98 | 122123   | 1.00         | 1.01           |       |
| 140 4-Isopropyltoluene             | 119 | 12.822    | 12.822        | 0.000         | 97 | 268626   | 1.00         | 1.03           |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 95 | 755195   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 95 | 125248   | 1.00         | 1.01           |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.895    | 12.889        | 0.006         | 98 | 104340   | 1.00         | 1.04           |       |
| 144 Benzyl chloride                | 126 | 12.963    | 12.956        | 0.007         | 99 | 13343    | 1.00         | 0.9093         |       |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 94 | 156671   | 1.00         | 1.03           |       |
| 146 n-Butylbenzene                 | 92  | 13.115    | 13.115        | 0.000         | 98 | 127261   | 1.00         | 1.04           |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.145    | 13.139        | 0.006         | 98 | 103857   | 1.00         | 0.9854         |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 | 13.688    | 13.688        | 0.000         | 85 | 4528     | 1.00         | 0.9168         |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.816    | 13.816        | 0.000         | 97 | 92882    | 1.00         | 1.05           |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.237    | 14.237        | 0.000         | 94 | 68985    | 1.00         | 0.9711         |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 96 | 34103    | 1.00         | 0.9712         |       |
| 153 Naphthalene                    | 128 | 14.420    | 14.414        | 0.006         | 97 | 104127   | 1.00         | 0.8960         |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.560    | 14.560        | 0.000         | 95 | 56030    | 1.00         | 0.9602         |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

**QC Flag Legend**

## Processing Flags

ND - Not Detected or Marked ND

## Review Flags

M - Manually Integrated

**Reagents:**

|                     |                    |           |             |
|---------------------|--------------------|-----------|-------------|
| MSV_LL_#1_826_00171 | Amount Added: 2.00 | Units: uL |             |
| MSV_LL_GAS826_00279 | Amount Added: 2.00 | Units: uL |             |
| MSV_LL_#2_826_00185 | Amount Added: 2.00 | Units: uL |             |
| MSV_LLcentISS_00016 | Amount Added: 5.00 | Units: uL | Run Reagent |

Report Date: 16-Jul-2025 16:05:19

Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D

Injection Date: 09-Jul-2025 05:39:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: IC std5 1

Worklist Smp#: 17

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

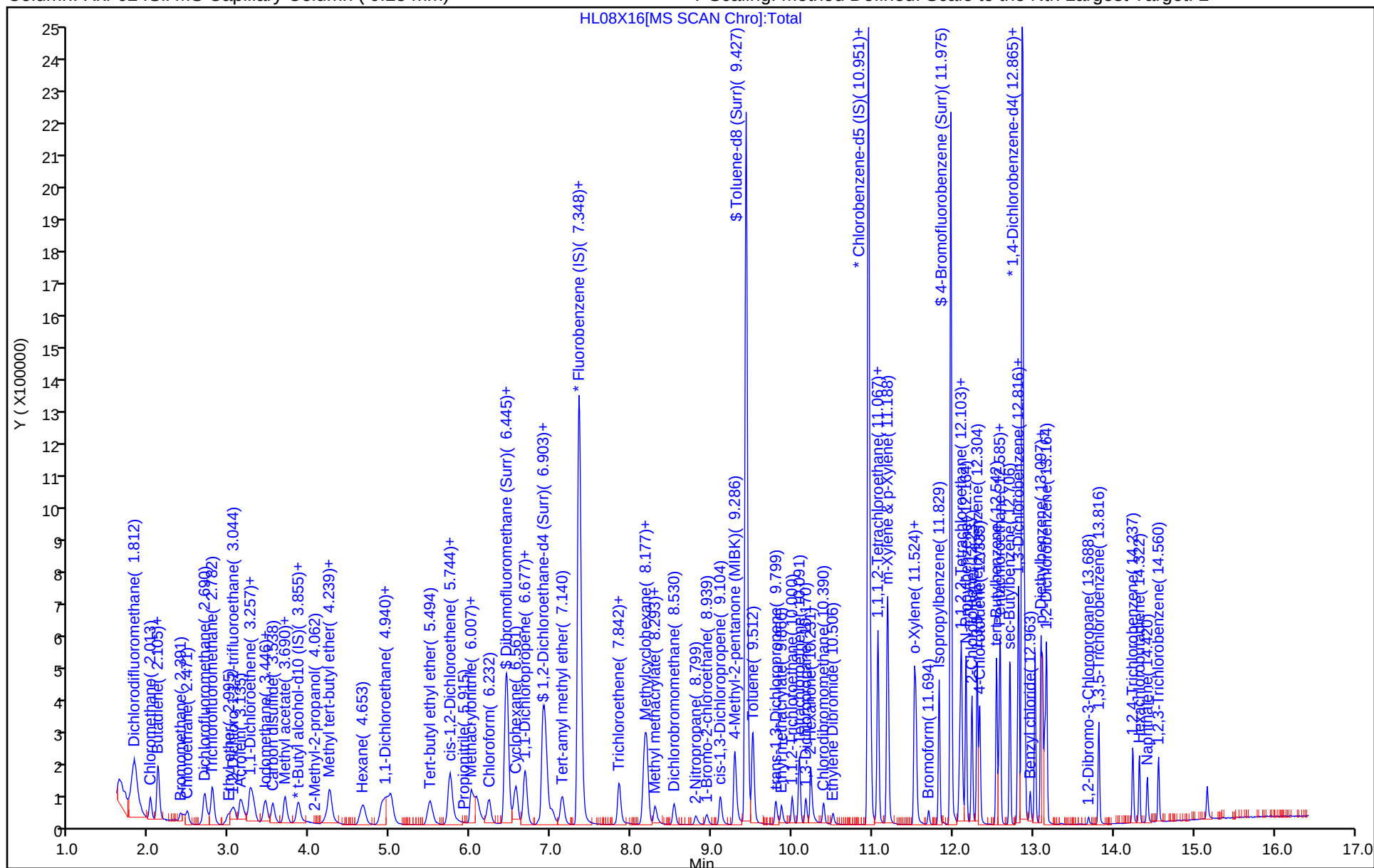
ALS Bottle#: 16

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D

Injection Date: 09-Jul-2025 05:39:30

Instrument ID: 19094

Lims ID: IC std5 1

Client ID:

Operator ID: gaw91131

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV\_19094\_25mL

Limit Group:

MSV - 8260C\_D

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

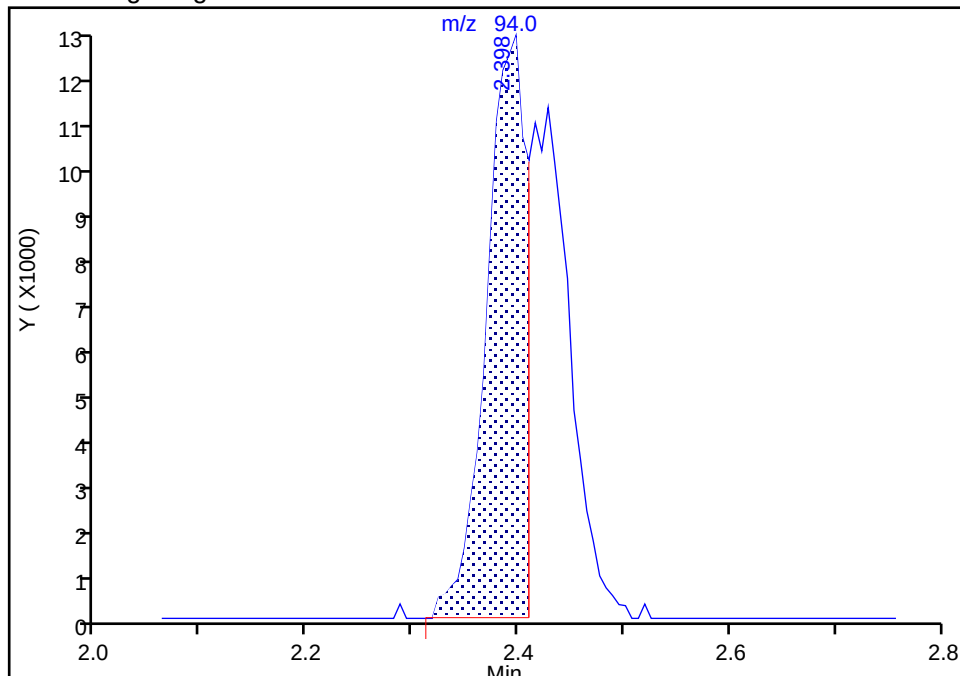
MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

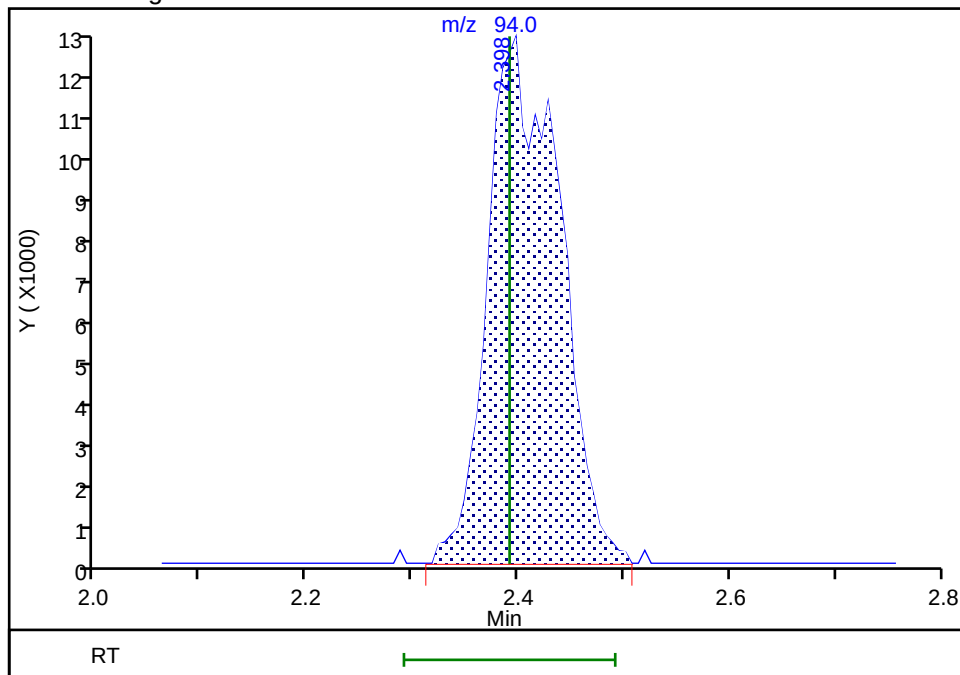
RT: 2.40  
Area: 32408  
Amount: 0.567283  
Amount Units: ug/l

## Processing Integration Results



RT: 2.40  
Area: 58080  
Amount: 1.114347  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:27:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

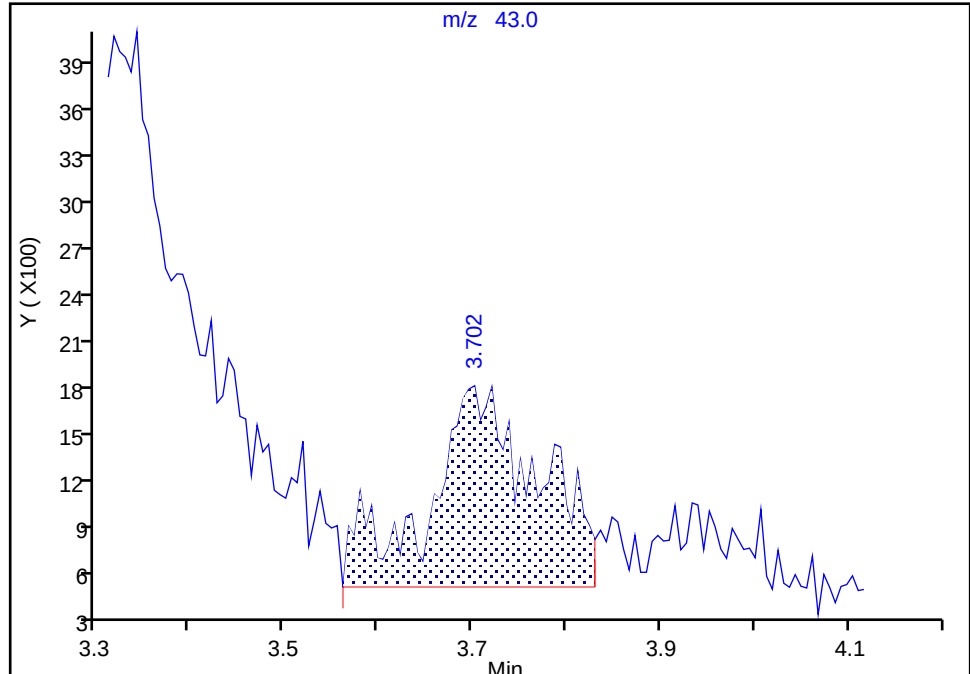
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D  
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094  
Lims ID: IC std5 1  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

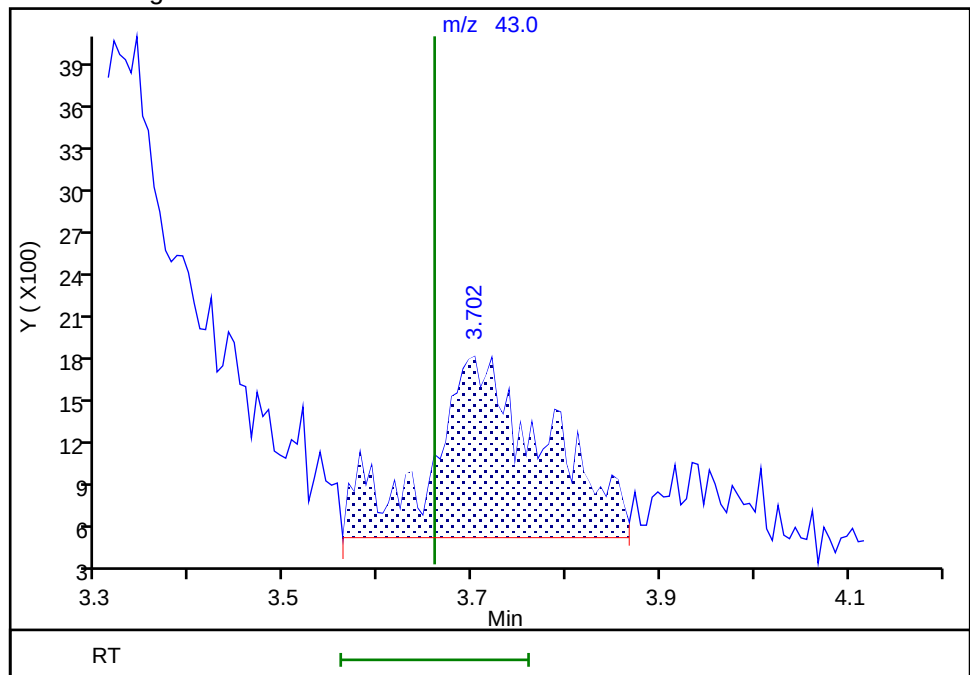
RT: 3.70  
Area: 10235  
Amount: 0.686598  
Amount Units: ug/l

## Processing Integration Results



RT: 3.70  
Area: 10912  
Amount: 0.991316  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:27:46 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

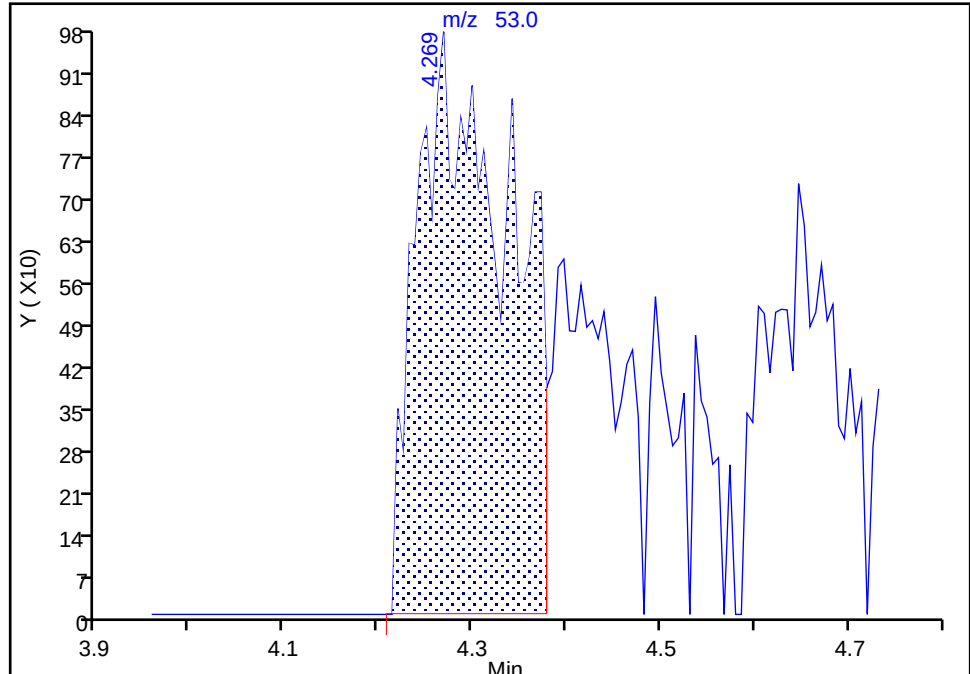
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D  
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094  
Lims ID: IC std5 1  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**31 Acrylonitrile, CAS: 107-13-1**

Signal: 1

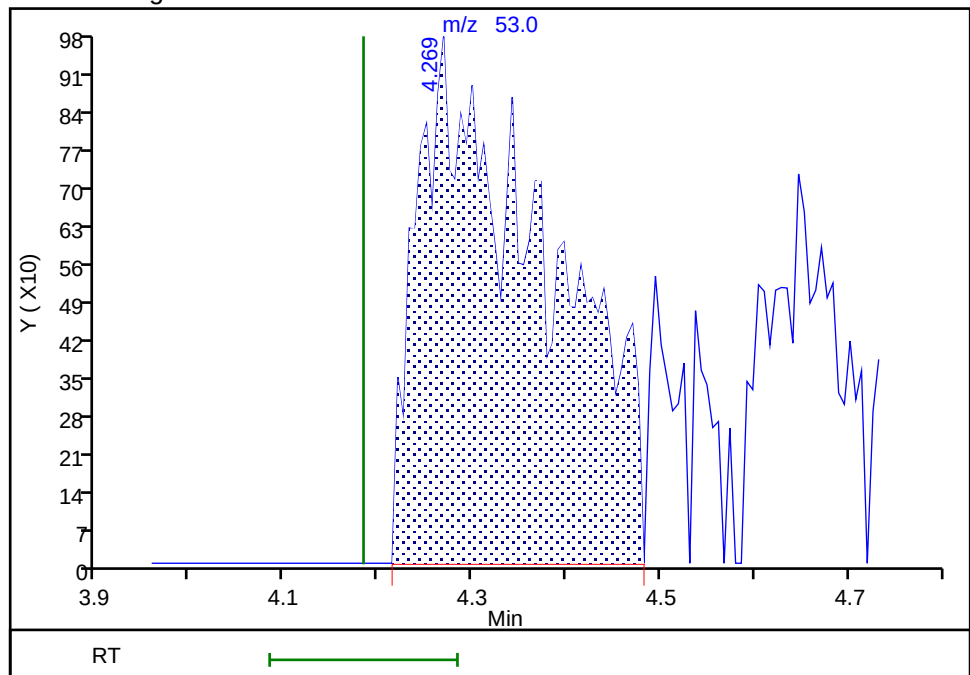
RT: 4.27  
Area: 6610  
Amount: 2.283440  
Amount Units: ug/l

## Processing Integration Results



RT: 4.27  
Area: 9277  
Amount: 2.041055  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:27:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

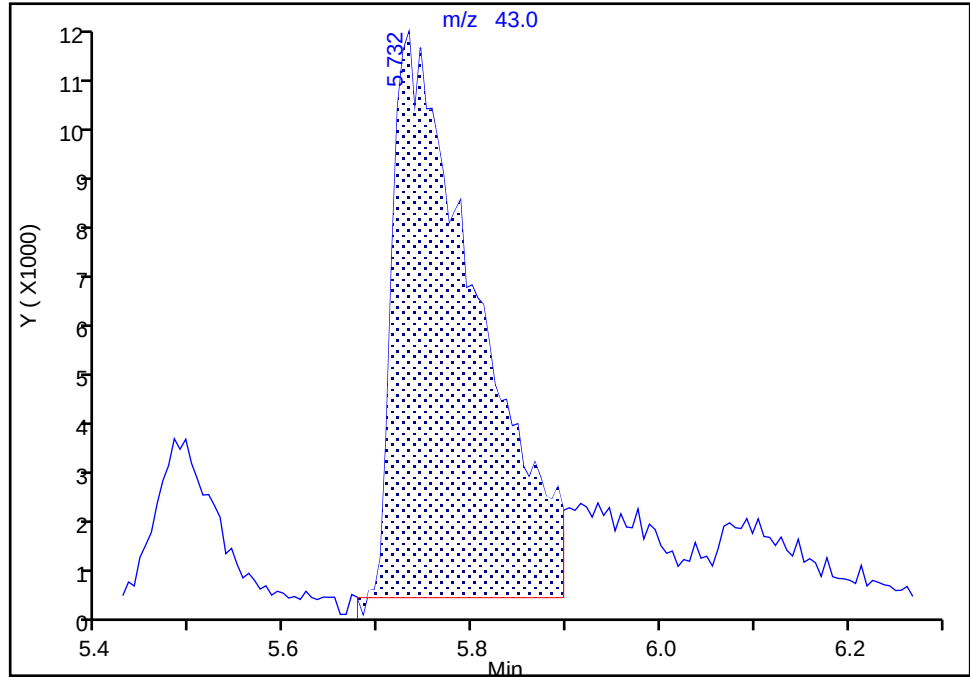
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D  
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094  
Lims ID: IC std5 1  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

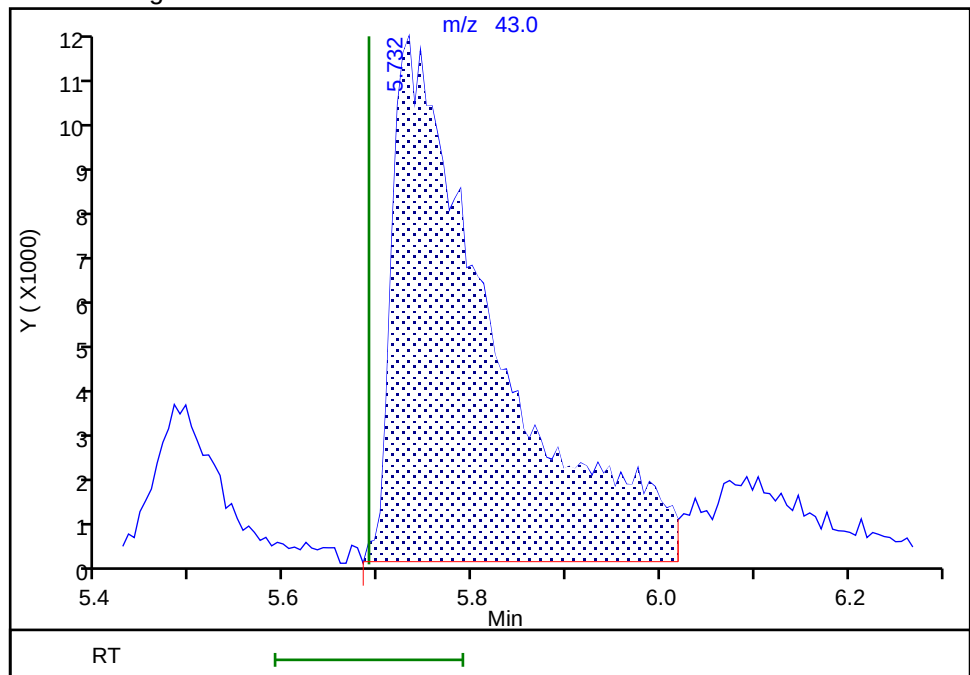
RT: 5.73  
Area: 67593  
Amount: 8.842334  
Amount Units: ug/l

## Processing Integration Results



RT: 5.73  
Area: 84562  
Amount: 10.722152  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:28:52 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration



## Eurofins Lancaster Laboratories Environment Testing, LLC

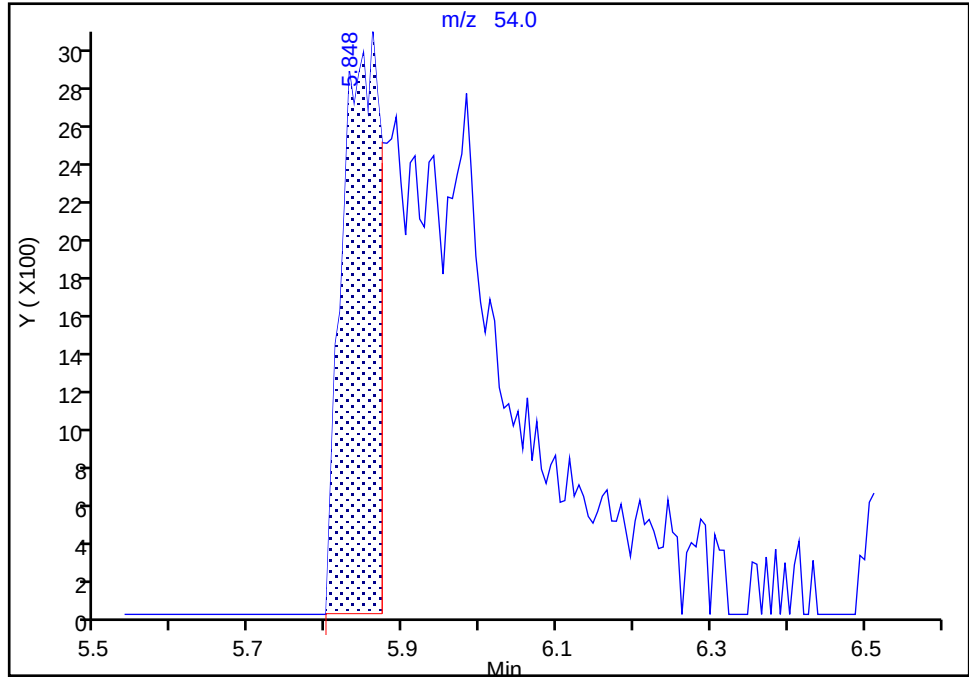
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D  
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094  
Lims ID: IC std5 1  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**44 Propionitrile, CAS: 107-12-0**

Signal: 1

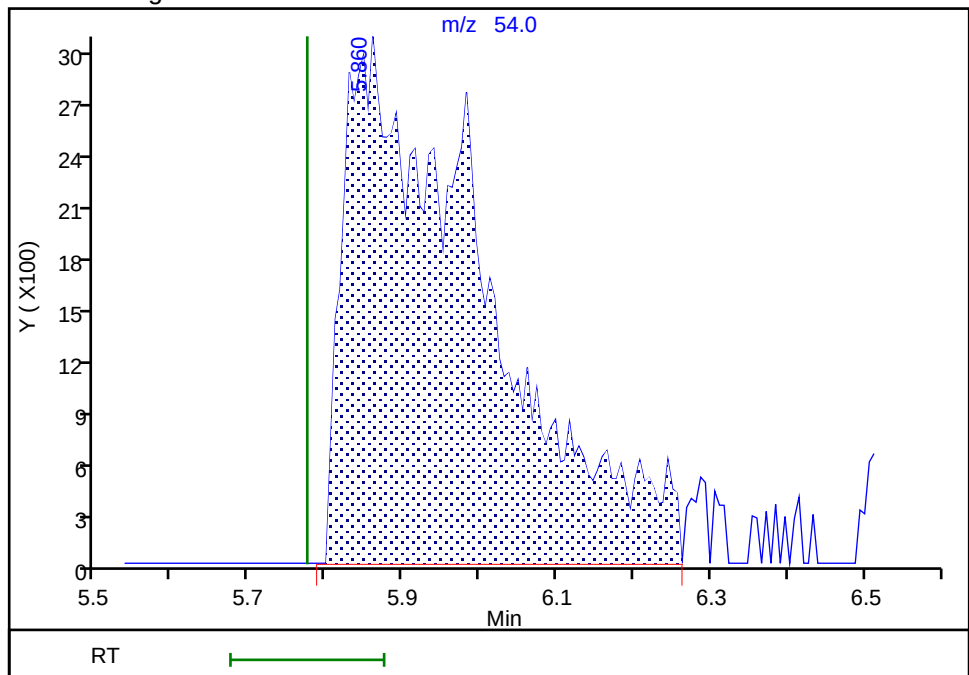
RT: 5.85  
Area: 10220  
Amount: 6.272509  
Amount Units: ug/l

## Processing Integration Results



RT: 5.86  
Area: 38545  
Amount: 19.609580  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:30:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

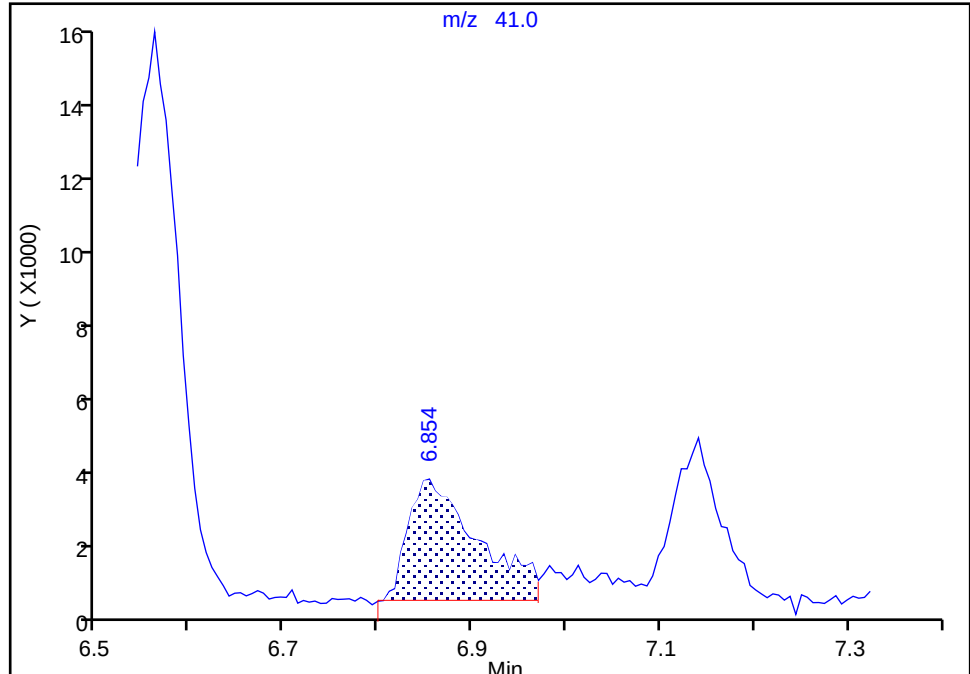
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D  
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094  
Lims ID: IC std5 1  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**57 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

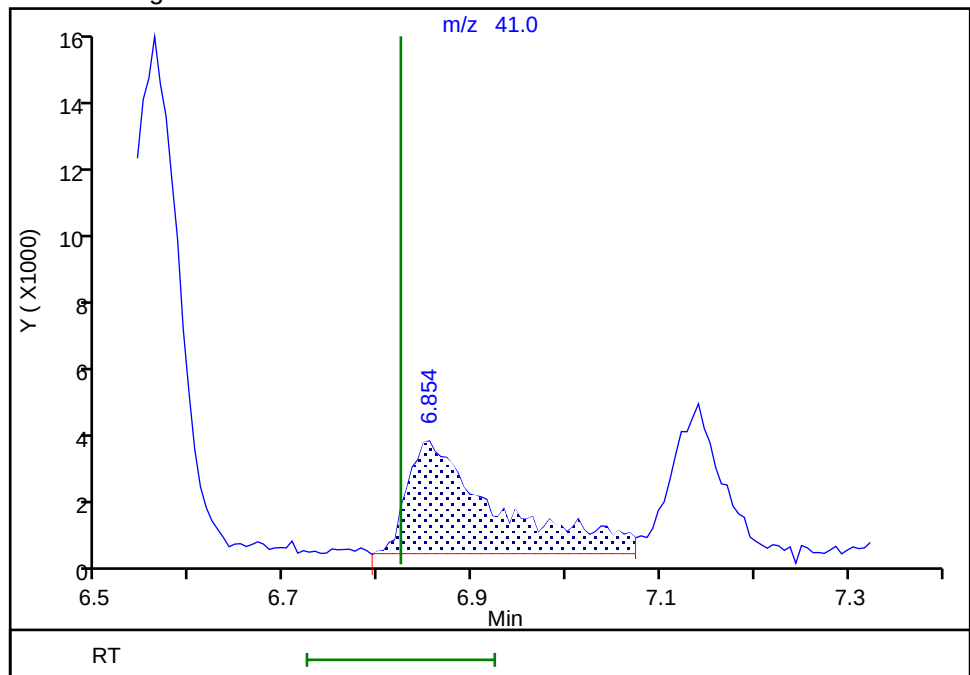
RT: 6.85  
Area: 16574  
Amount: 27.739789  
Amount Units: ug/l

## Processing Integration Results



RT: 6.85  
Area: 22218  
Amount: 40.335319  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:29:45 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

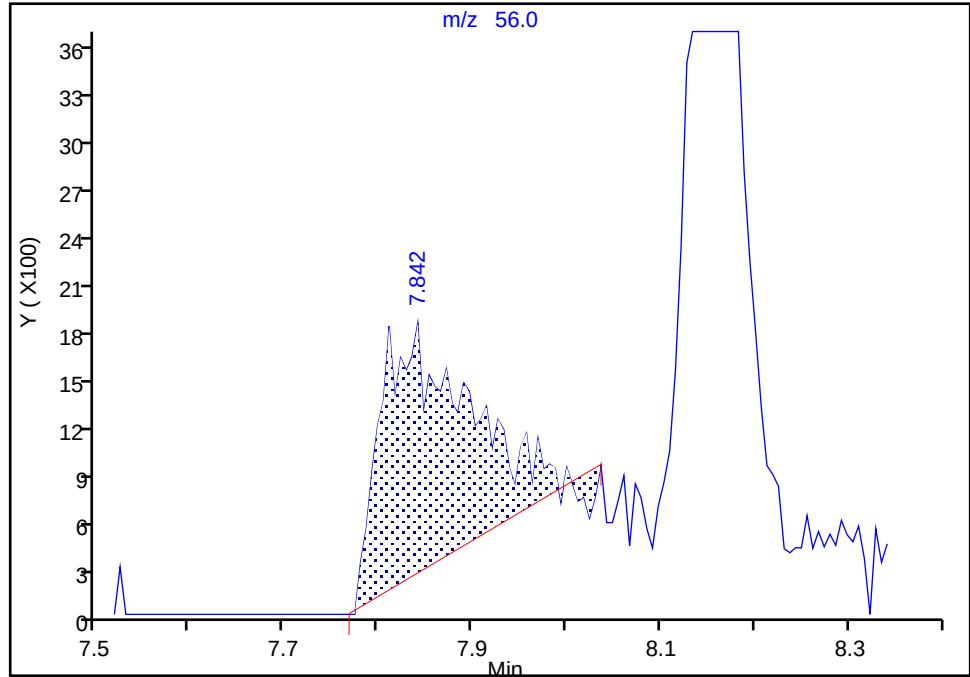
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D  
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094  
Lims ID: IC std5 1  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) Detector: MS Quad

**67 n-Butanol, CAS: 71-36-3**

Signal: 1

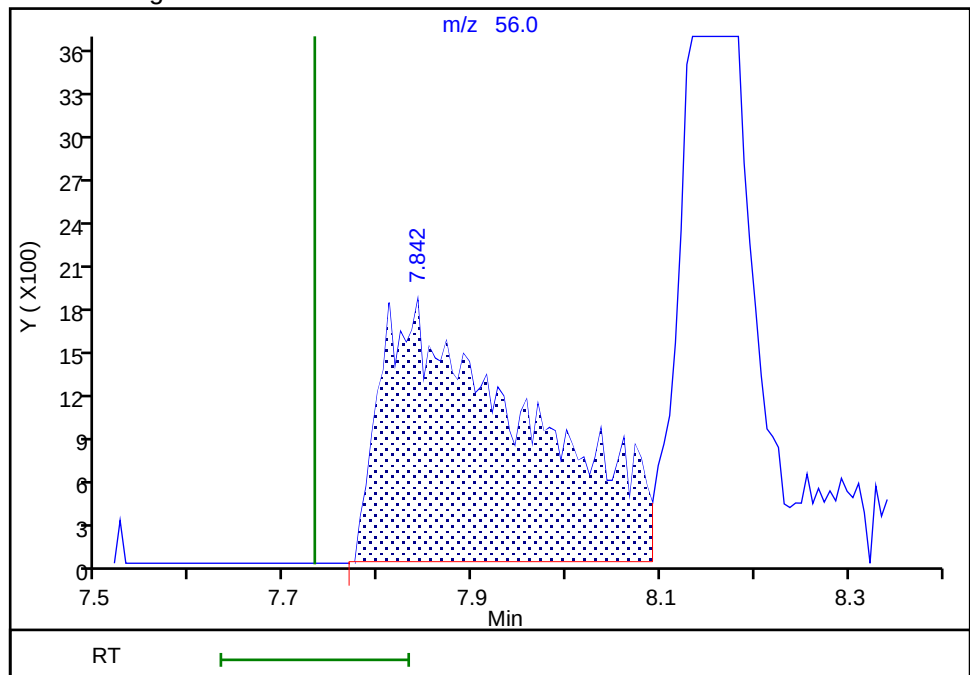
RT: 7.84  
Area: 9900  
Amount: 29.075860  
Amount Units: ug/l

## Processing Integration Results



RT: 7.84  
Area: 19477  
Amount: 76.195379  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:30:49 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

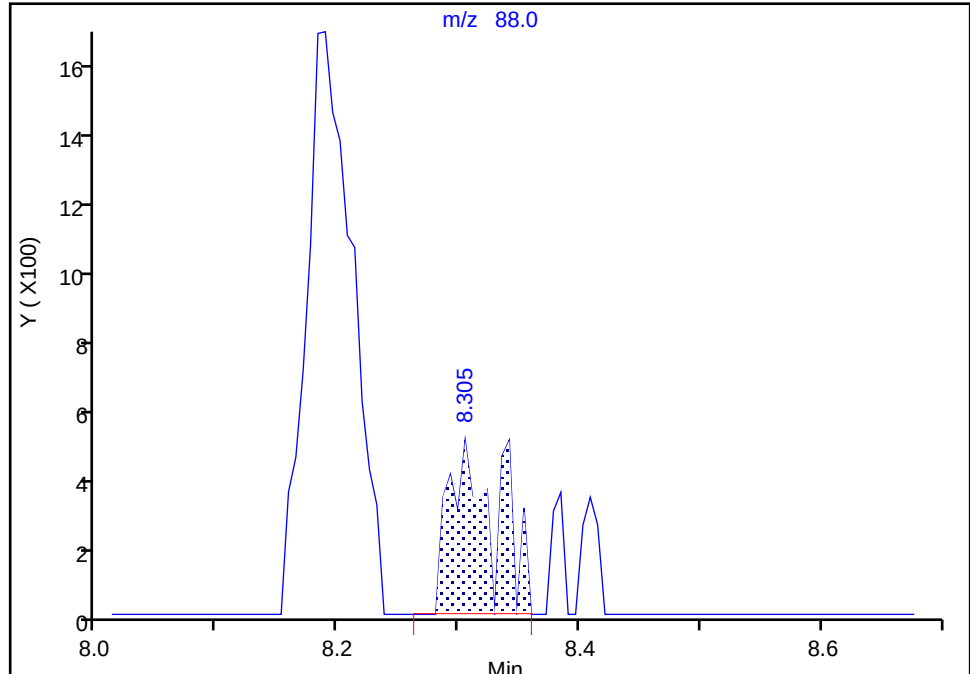
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D  
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094  
Lims ID: IC std5 1  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**73 1,4-Dioxane, CAS: 123-91-1**

Signal: 1

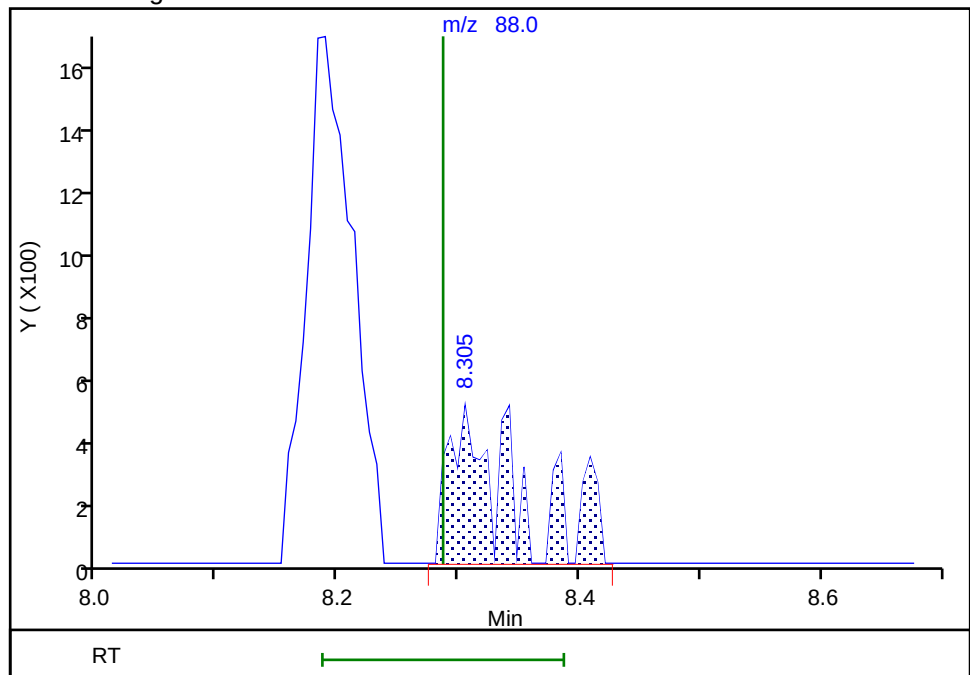
RT: 8.30  
Area: 1407  
Amount: 40.105481  
Amount Units: ug/l

## Processing Integration Results



RT: 8.30  
Area: 1959  
Amount: 44.306130  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:31:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

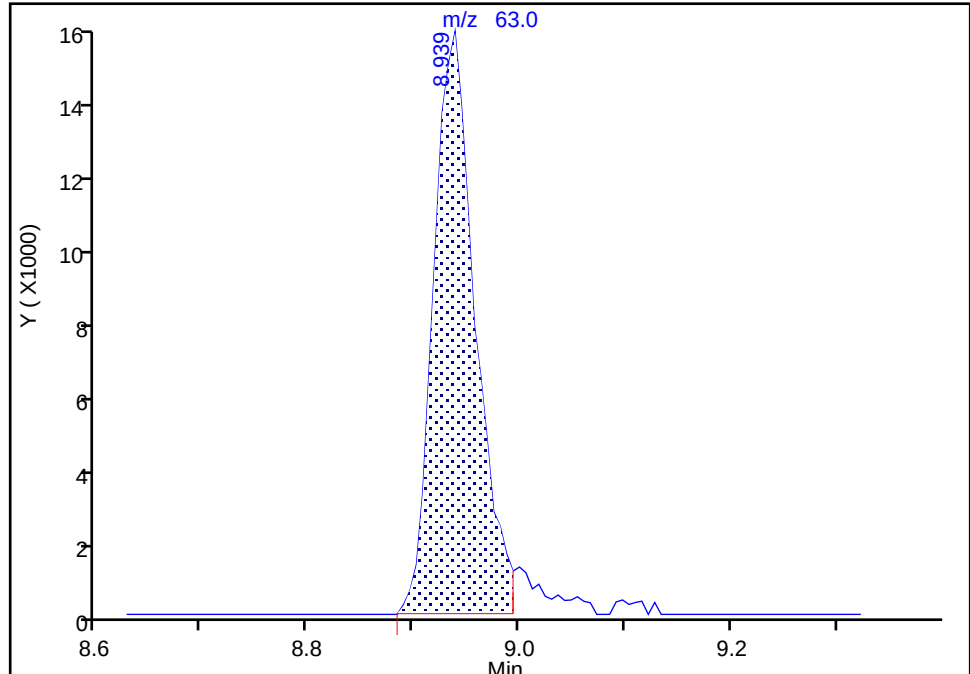
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D  
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094  
Lims ID: IC std5 1  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**79 1-Bromo-2-chloroethane, CAS: 107-04-0**

Signal: 1

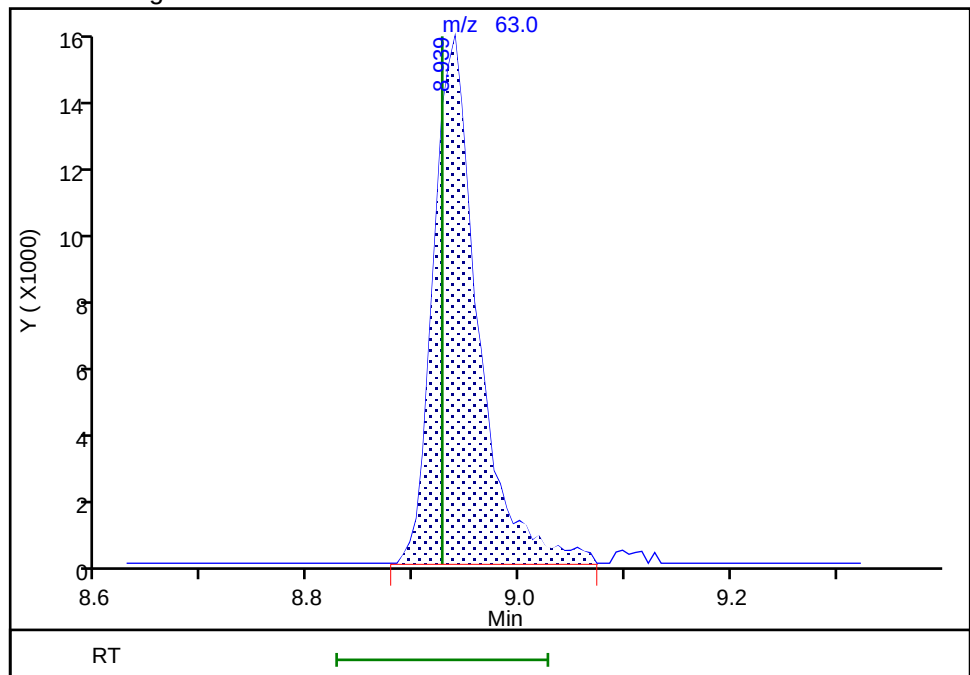
RT: 8.94  
Area: 43003  
Amount: 0.859381  
Amount Units: ug/l

## Processing Integration Results



RT: 8.94  
Area: 45636  
Amount: 0.906699  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:31:08 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X17.D  
 Lims ID: IC std6 2  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 09-Jul-2025 06:00:30 ALS Bottle#: 17 Worklist Smp#: 18  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-018  
 Misc. Info.: IC STD6 2  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 16:05:24 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 01:32:53

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.831     | 1.831         | 0.000         | 99  | 116582   | 2.00         | 1.87           |       |
| 5 Chloromethane                     | 50  | 2.020     | 2.020         | 0.000         | 99  | 149825   | 2.00         | 1.82           |       |
| 7 Butadiene                         | 39  | 2.111     | 2.111         | 0.000         | 94  | 146745   | 2.00         | 1.86           |       |
| 6 Vinyl chloride                    | 62  | 2.123     | 2.123         | 0.000         | 98  | 138881   | 2.00         | 1.87           |       |
| 9 Bromomethane                      | 94  | 2.392     | 2.392         | 0.000         | 90  | 99105    | 2.00         | 1.88           | M     |
| 10 Chloroethane                     | 64  | 2.477     | 2.477         | 0.000         | 100 | 86920    | 2.00         | 1.86           |       |
| 11 Dichlorofluoromethane            | 67  | 2.690     | 2.690         | 0.000         | 97  | 233473   | 2.00         | 1.87           |       |
| 12 Trichlorofluoromethane           | 101 | 2.788     | 2.788         | 0.000         | 49  | 177329   | 2.00         | 1.84           |       |
| 14 Ethyl ether                      | 59  | 2.983     | 2.983         | 0.000         | 92  | 68731    | 2.00         | 2.10           |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.056     | 3.056         | 0.000         | 96  | 135158   | 2.00         | 1.88           |       |
| 16 Acrolein                         | 56  | 3.129     | 3.129         | 0.000         | 99  | 455724   | 97.6         | 90.0           |       |
| 17 1,1-Dichloroethene               | 96  | 3.251     | 3.251         | 0.000         | 98  | 94688    | 2.00         | 1.94           |       |
| 19 Acetone                          | 43  | 3.306     | 3.306         | 0.000         | 64  | 109794   | 20.0         | 17.7           |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.294     | 3.294         | 0.000         | 92  | 101399   | 2.00         | 2.12           |       |
| 21 Iodomethane                      | 142 | 3.434     | 3.434         | 0.000         | 98  | 184654   | 2.00         | 1.98           |       |
| 22 Ethyl bromide                    | 108 | 3.458     | 3.458         | 0.000         | 98  | 83748    | 2.00         | 2.03           |       |
| 23 Carbon disulfide                 | 76  | 3.538     | 3.538         | 0.000         | 99  | 279844   | 2.00         | 1.87           |       |
| 24 Methyl acetate                   | 43  | 3.690     | 3.690         | 0.000         | 23  | 22409    | 2.00         | 1.51           | M     |
| 26 3-Chloro-1-propene               | 41  | 3.690     | 3.690         | 0.000         | 92  | 183449   | 2.00         | 1.91           |       |
| 27 Methylene Chloride               | 84  | 3.849     | 3.849         | 0.000         | 94  | 100038   | 2.00         | 1.96           |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.879     | 3.879         | 0.000         | 92  | 87437    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.983     | 3.983         | 0.000         | 94  | 79019    | 40.0         | 41.5           |       |
| 31 Acrylonitrile                    | 53  | 4.239     | 4.239         | 0.000         | 24  | 28916    | 5.00         | 4.12           | M     |
| 32 Methyl tert-butyl ether          | 73  | 4.221     | 4.221         | 0.000         | 95  | 222996   | 2.00         | 1.99           |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.245     | 4.245         | 0.000         | 96  | 105838   | 2.00         | 1.96           |       |
| 34 Hexane                           | 57  | 4.659     | 4.659         | 0.000         | 93  | 161870   | 2.00         | 1.98           |       |
| 36 1,1-Dichloroethane               | 63  | 4.891     | 4.891         | 0.000         | 96  | 207303   | 2.00         | 1.99           |       |
| 37 Isopropyl ether                  | 45  | 4.952     | 4.952         | 0.000         | 94  | 351264   | 2.00         | 2.00           |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 5.013     | 5.013         | 0.000         | 91  | 179644   | 2.00         | 1.99           |       |
| 40 Tert-butyl ethyl ether           | 59  | 5.495     | 5.495         | 0.000         | 98  | 306907   | 2.00         | 2.01           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.714     | 5.714         | 0.000         | 100 | 181301   | 20.0         | 17.0           |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.739     | 5.739         | 0.000         | 84  | 119416   | 2.00         | 2.03           |       |
| 43 2,2-Dichloropropane             | 77  | 5.751     | 5.751         | 0.000         | 87  | 176775   | 2.00         | 1.94           |       |
| 44 Propionitrile                   | 54  | 5.806     | 5.806         | 0.000         | 98  | 100378   | 40.0         | 37.9           |       |
| 47 Methacrylonitrile               | 67  | 6.007     | 6.007         | 0.000         | 96  | 199089   | 20.0         | 18.6           |       |
| 48 Chlorobromomethane              | 128 | 6.080     | 6.080         | 0.000         | 95  | 44691    | 2.00         | 2.01           |       |
| 49 Tetrahydrofuran                 | 71  | 6.098     | 6.098         | 0.000         | 66  | 27680    | 10.0         | 9.26           |       |
| S 46 1,2-Dichloroethene, Total     | 100 |           |               |               | 0   |          |              | 3.99           |       |
| 50 Chloroform                      | 83  | 6.226     | 6.226         | 0.000         | 94  | 192868   | 2.00         | 1.99           |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.446         | 0.000         | 94  | 444972   | 10.0         | 10.0           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.458     | 6.458         | 0.000         | 98  | 173849   | 2.00         | 1.92           |       |
| 54 Cyclohexane                     | 56  | 6.562     | 6.562         | 0.000         | 91  | 210628   | 2.00         | 1.89           |       |
| 56 Carbon tetrachloride            | 117 | 6.677     | 6.677         | 0.000         | 95  | 150816   | 2.00         | 1.97           |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.677         | 0.000         | 96  | 164035   | 2.00         | 1.96           |       |
| 57 Isobutyl alcohol                | 41  | 6.836     | 6.836         | 0.000         | 94  | 64006    | 100.0        | 86.1           |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.903         | 0.000         | 81  | 81800    | 10.0         | 10.1           |       |
| 59 Benzene                         | 78  | 6.933     | 6.933         | 0.000         | 96  | 464773   | 2.00         | 1.95           |       |
| 60 1,2-Dichloroethane              | 62  | 7.007     | 7.007         | 0.000         | 97  | 105824   | 2.00         | 1.98           |       |
| 63 Tert-amyl methyl ether          | 73  | 7.141     | 7.141         | 0.000         | 98  | 254992   | 2.00         | 1.93           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.348         | 0.000         | 98  | 1918847  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 94  | 157443   | 2.00         | 1.82           |       |
| 67 n-Butanol                       | 56  | 7.756     | 7.756         | 0.000         | 88  | 89011    | 175.0        | 171.5          |       |
| 68 Trichloroethene                 | 95  | 7.842     | 7.842         | 0.000         | 99  | 119909   | 2.00         | 1.93           |       |
| 69 Methylcyclohexane               | 83  | 8.159     | 8.159         | 0.000         | 93  | 203873   | 2.00         | 1.88           |       |
| 70 1,2-Dichloropropane             | 63  | 8.171     | 8.171         | 0.000         | 97  | 115250   | 2.00         | 2.02           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 92  | 173808   | 2.00         | 2.01           |       |
| 72 Methyl methacrylate             | 69  | 8.287     | 8.287         | 0.000         | 86  | 37852    | 2.00         | 1.73           |       |
| 73 1,4-Dioxane                     | 88  | 8.287     | 8.287         | 0.000         | 32  | 11842    | 100.0        | 115.7          |       |
| 74 Dibromomethane                  | 93  | 8.293     | 8.293         | 0.000         | 94  | 44722    | 2.00         | 2.11           |       |
| 76 Dichlorobromomethane            | 83  | 8.531     | 8.531         | 0.000         | 99  | 128359   | 2.00         | 2.01           |       |
| 77 2-Nitropropane                  | 41  | 8.799     | 8.799         | 0.000         | 98  | 56130    | 10.0         | 8.30           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.933     | 8.933         | 0.000         | 98  | 100571   | 2.00         | 1.97           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.104     | 9.104         | 0.000         | 95  | 157614   | 2.00         | 2.02           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.287     | 9.287         | 0.000         | 97  | 531151   | 20.0         | 17.5           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94  | 1923949  | 10.0         | 10.1           |       |
| 84 Toluene                         | 92  | 9.512     | 9.512         | 0.000         | 98  | 292117   | 2.00         | 1.97           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.793     | 9.793         | 0.000         | 93  | 120041   | 2.00         | 2.05           |       |
| 104 Ethyl methacrylate             | 69  | 9.866     | 9.866         | 0.000         | 90  | 89339    | 2.00         | 2.16           |       |
| 106 1,1,2-Trichloroethane          | 97  | 10.000    | 10.000        | 0.000         | 91  | 63106    | 2.00         | 1.92           |       |
| S 105 1,3-Dichloropropene, Total   | 100 |           |               |               | 0   |          |              | 4.07           |       |
| 107 Tetrachloroethene              | 166 | 10.091    | 10.091        | 0.000         | 98  | 134794   | 2.00         | 1.93           |       |
| 108 1,3-Dichloropropane            | 76  | 10.171    | 10.171        | 0.000         | 91  | 114638   | 2.00         | 2.00           |       |
| 109 2-Hexanone                     | 43  | 10.225    | 10.225        | 0.000         | 97  | 349222   | 20.0         | 18.0           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 90  | 82477    | 2.00         | 2.03           |       |
| 112 Ethylene Dibromide             | 107 | 10.506    | 10.506        | 0.000         | 99  | 59928    | 2.00         | 2.10           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.951    | 10.951        | 0.000         | 87  | 1372931  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 163848   | 2.00         | 1.76           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 95  | 309505   | 2.00         | 1.98           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.061        | 0.000         | 94  | 103655   | 2.00         | 2.01           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 99  | 569846   | 2.00         | 1.95           |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.189    | 11.189        | 0.000         | 100 | 435268   | 4.00         | 3.92           |       |
| S 118 Xylenes, Total               | 106 |           |               |               | 0   |          |              | 5.92           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 120 o-Xylene                       | 106 | 11.524    | 11.524        | 0.000         | 97 | 210355   | 2.00         | 2.00           |       |
| 121 Styrene                        | 104 | 11.542    | 11.542        | 0.000         | 95 | 336167   | 2.00         | 1.99           |       |
| 122 Bromoform                      | 173 | 11.701    | 11.701        | 0.000         | 97 | 44093    | 2.00         | 2.10           |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 96 | 503108   | 2.00         | 1.96           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 91 | 687274   | 10.0         | 9.96           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.079    | 12.079        | 0.000         | 92 | 75701    | 2.00         | 2.01           |       |
| 128 Bromobenzene                   | 156 | 12.091    | 12.091        | 0.000         | 94 | 122079   | 2.00         | 2.00           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.103        | 0.000         | 94 | 203233   | 20.0         | 18.1           |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.121    | 12.121        | 0.000         | 78 | 19860    | 2.00         | 2.11           |       |
| 131 N-Propylbenzene                | 91  | 12.164    | 12.164        | 0.000         | 99 | 655502   | 2.00         | 1.93           |       |
| 132 2-Chlorotoluene                | 126 | 12.237    | 12.237        | 0.000         | 96 | 130193   | 2.00         | 2.01           |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.304    | 12.304        | 0.000         | 93 | 462350   | 2.00         | 1.95           |       |
| 134 4-Chlorotoluene                | 126 | 12.335    | 12.335        | 0.000         | 98 | 132295   | 2.00         | 2.03           |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 94 | 106575   | 2.00         | 2.03           |       |
| 136 Pentachloroethane              | 167 | 12.573    | 12.573        | 0.000         | 92 | 74092    | 2.00         | 2.14           |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.585    | 12.585        | 0.000         | 97 | 475939   | 2.00         | 1.97           |       |
| 138 sec-Butylbenzene               | 105 | 12.707    | 12.707        | 0.000         | 94 | 588910   | 2.00         | 1.92           |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.810    | 12.810        | 0.000         | 98 | 244888   | 2.00         | 2.01           |       |
| 140 4-Isopropyltoluene             | 119 | 12.823    | 12.823        | 0.000         | 97 | 507767   | 2.00         | 1.94           |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 95 | 762844   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 96 | 246726   | 2.00         | 1.96           |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.896    | 12.896        | 0.000         | 99 | 201953   | 2.00         | 1.99           |       |
| 144 Benzyl chloride                | 126 | 12.963    | 12.963        | 0.000         | 99 | 30421    | 2.00         | 2.05           |       |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 94 | 302010   | 2.00         | 1.96           |       |
| 146 n-Butylbenzene                 | 92  | 13.115    | 13.115        | 0.000         | 97 | 238574   | 2.00         | 1.93           |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.140    | 13.140        | 0.000         | 98 | 217259   | 2.00         | 2.04           |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 | 13.688    | 13.688        | 0.000         | 82 | 10280    | 2.00         | 2.06           |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.816    | 13.816        | 0.000         | 98 | 174896   | 2.00         | 1.95           |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.237    | 14.237        | 0.000         | 94 | 142676   | 2.00         | 1.99           |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 96 | 66184    | 2.00         | 1.87           |       |
| 153 Naphthalene                    | 128 | 14.420    | 14.420        | 0.000         | 97 | 233797   | 2.00         | 1.99           |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.560    | 14.560        | 0.000         | 96 | 119192   | 2.00         | 2.02           |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

**QC Flag Legend**

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

**Reagents:**

|                     |                    |           |             |
|---------------------|--------------------|-----------|-------------|
| MSV_LL_#1_826_00171 | Amount Added: 2.00 | Units: uL |             |
| MSV_LL_GAS826_00279 | Amount Added: 2.00 | Units: uL |             |
| MSV_LL_#2_826_00185 | Amount Added: 2.00 | Units: uL |             |
| MSV_LLcentISS_00016 | Amount Added: 5.00 | Units: uL | Run Reagent |



Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X17.D

Injection Date: 09-Jul-2025 06:00:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: IC std6 2

Worklist Smp#: 18

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

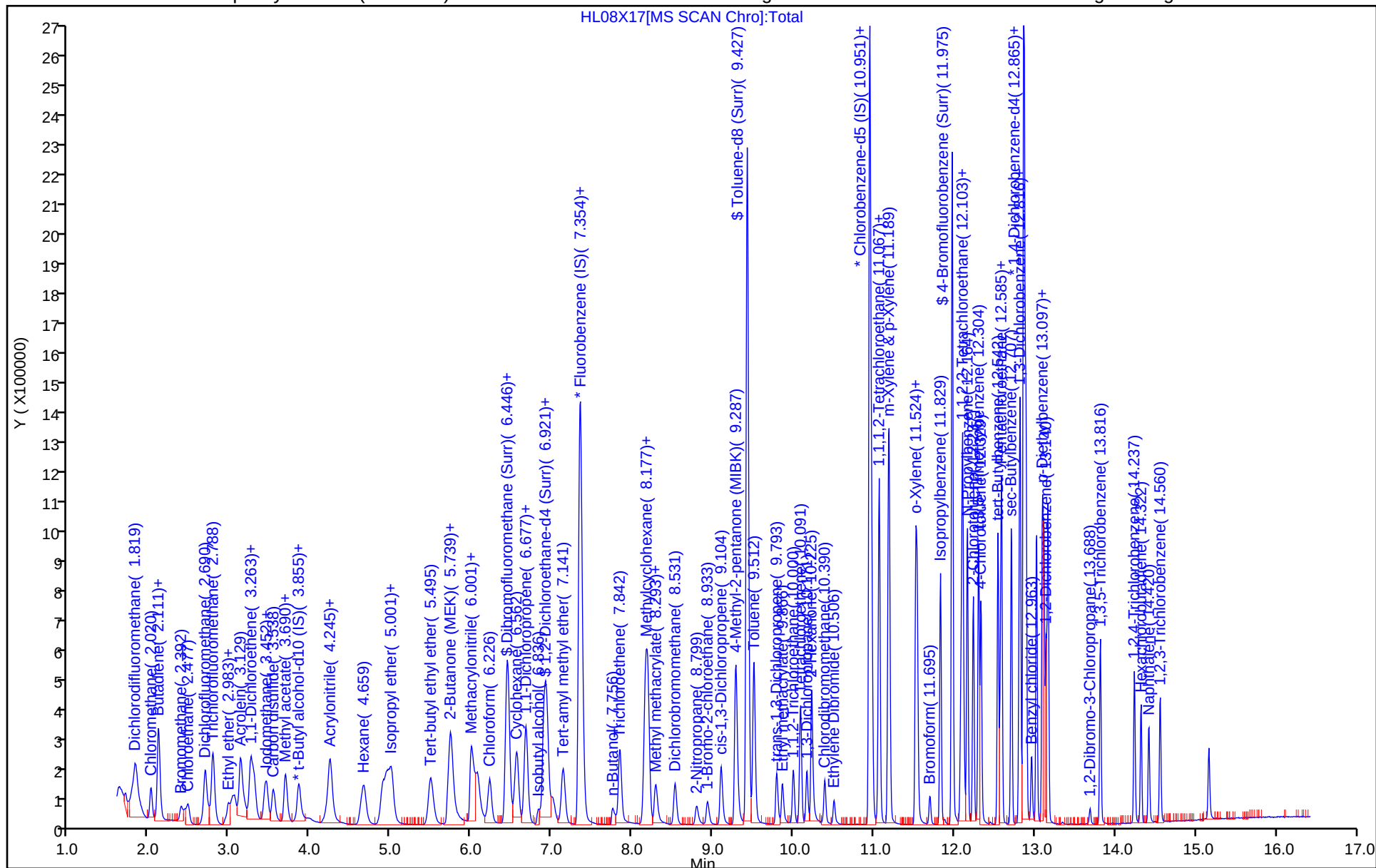
ALS Bottle#: 17

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

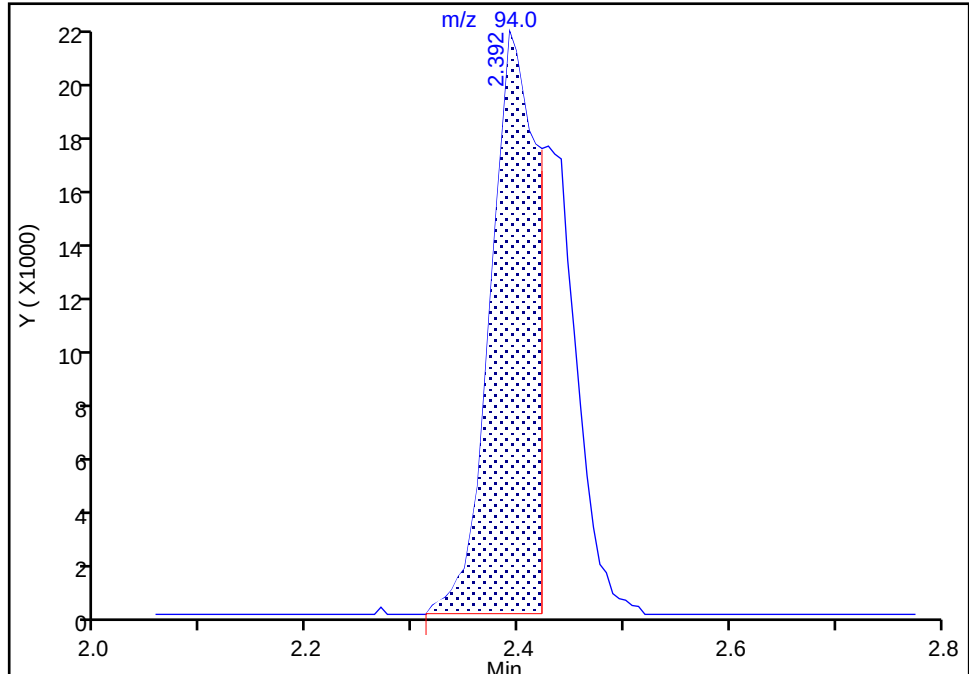
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X17.D  
Injection Date: 09-Jul-2025 06:00:30 Instrument ID: 19094  
Lims ID: IC std6 2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

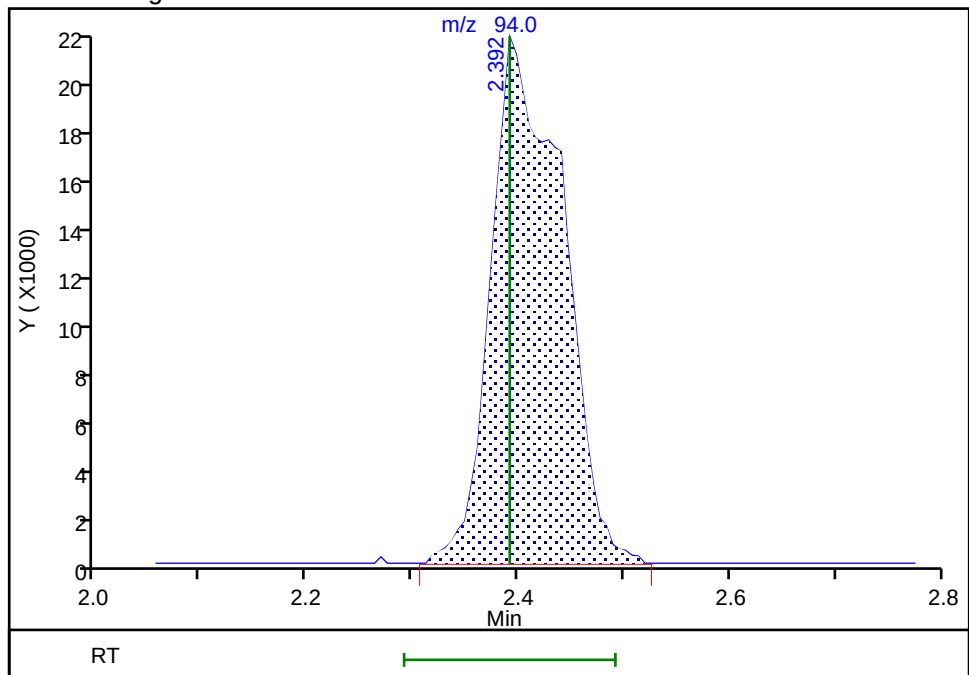
RT: 2.39  
Area: 64601  
Amount: 1.063054  
Amount Units: ug/l

## Processing Integration Results



RT: 2.39  
Area: 99105  
Amount: 1.876802  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:32:07 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

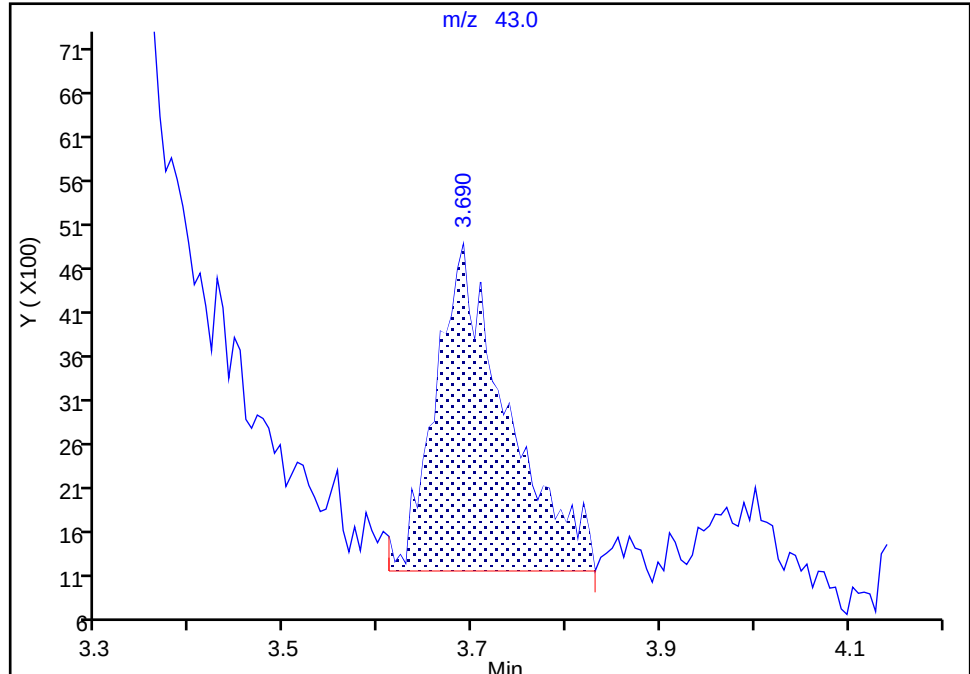
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X17.D  
Injection Date: 09-Jul-2025 06:00:30 Instrument ID: 19094  
Lims ID: IC std6 2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

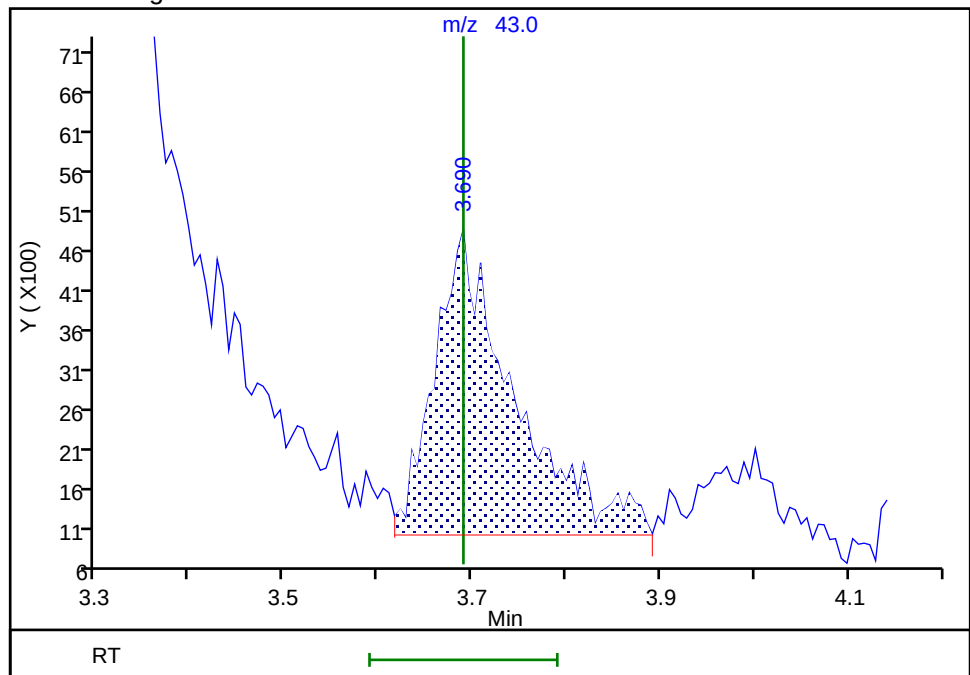
RT: 3.69  
Area: 19680  
Amount: 0.973259  
Amount Units: ug/l

## Processing Integration Results



RT: 3.69  
Area: 22409  
Amount: 1.509307  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:46:09 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

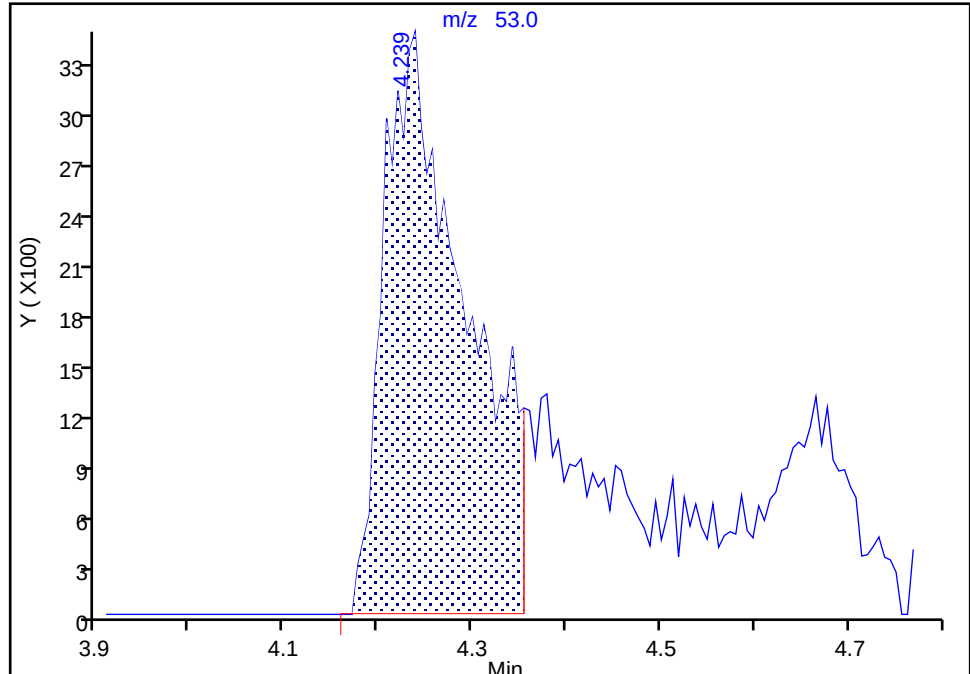
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X17.D  
Injection Date: 09-Jul-2025 06:00:30 Instrument ID: 19094  
Lims ID: IC std6 2  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**31 Acrylonitrile, CAS: 107-13-1**

Signal: 1

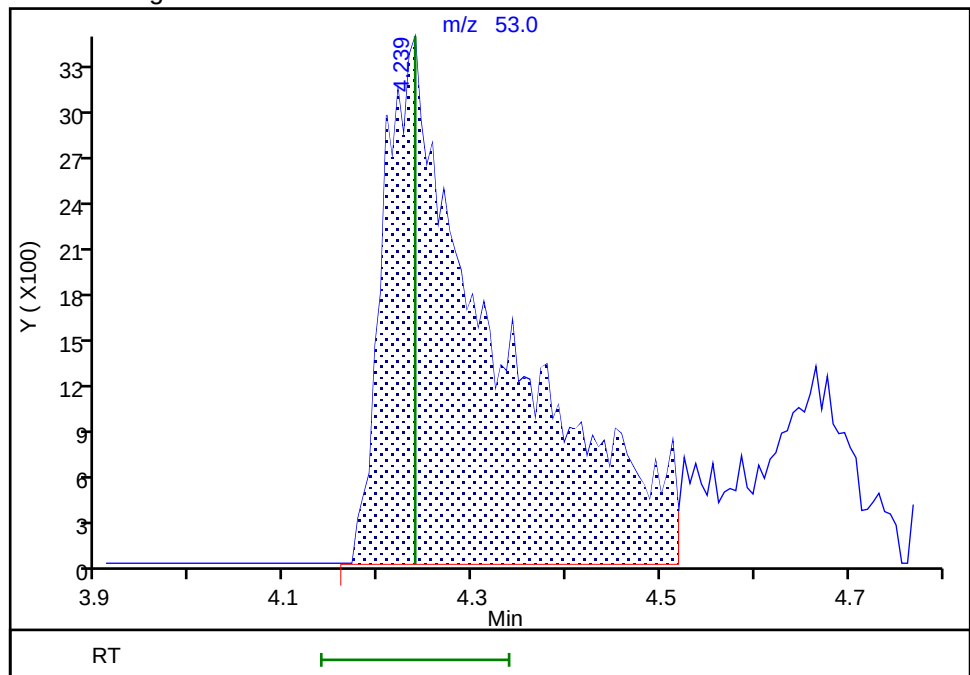
RT: 4.24  
Area: 21123  
Amount: 3.667950  
Amount Units: ug/l

## Processing Integration Results



RT: 4.24  
Area: 28916  
Amount: 4.115255  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:32:29 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X18.D  
 Lims ID: IC std7 5  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 09-Jul-2025 06:21:30 ALS Bottle#: 18 Worklist Smp#: 19  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-019  
 Misc. Info.: IC STD7 5  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 16:05:32 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 01:35:25

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.818     | 1.831         | -0.013        | 99  | 302265   | 5.00         | 4.81           |       |
| 5 Chloromethane                     | 50  | 2.007     | 2.020         | -0.013        | 99  | 378525   | 5.00         | 4.56           |       |
| 7 Butadiene                         | 39  | 2.093     | 2.111         | -0.018        | 93  | 385703   | 5.00         | 4.84           |       |
| 6 Vinyl chloride                    | 62  | 2.111     | 2.123         | -0.012        | 98  | 356177   | 5.00         | 4.75           |       |
| 9 Bromomethane                      | 94  | 2.385     | 2.392         | -0.007        | 90  | 252303   | 5.00         | 4.74           |       |
| 10 Chloroethane                     | 64  | 2.465     | 2.477         | -0.012        | 100 | 220980   | 5.00         | 4.69           |       |
| 11 Dichlorofluoromethane            | 67  | 2.678     | 2.690         | -0.012        | 97  | 601105   | 5.00         | 4.77           |       |
| 12 Trichlorofluoromethane           | 101 | 2.776     | 2.788         | -0.012        | 51  | 458755   | 5.00         | 4.72           |       |
| 14 Ethyl ether                      | 59  | 2.965     | 2.983         | -0.018        | 91  | 182078   | 5.00         | 5.52           |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.044     | 3.056         | -0.012        | 94  | 347126   | 5.00         | 4.79           |       |
| 16 Acrolein                         | 56  | 3.111     | 3.129         | -0.018        | 99  | 1239479  | 244.0        | 297.5          |       |
| 17 1,1-Dichloroethene               | 96  | 3.245     | 3.251         | -0.006        | 96  | 253325   | 5.00         | 5.16           |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.288     | 3.294         | -0.006        | 93  | 277462   | 5.00         | 5.75           |       |
| 19 Acetone                          | 43  | 3.276     | 3.306         | -0.030        | 38  | 255788   | 50.0         | 50.0           | M     |
| 21 Iodomethane                      | 142 | 3.422     | 3.434         | -0.012        | 99  | 493850   | 5.00         | 5.24           |       |
| 22 Ethyl bromide                    | 108 | 3.446     | 3.458         | -0.012        | 98  | 222380   | 4.99         | 5.36           |       |
| 23 Carbon disulfide                 | 76  | 3.525     | 3.538         | -0.013        | 99  | 759245   | 5.00         | 5.04           |       |
| 24 Methyl acetate                   | 43  | 3.660     | 3.690         | -0.030        | 22  | 67190    | 5.00         | 5.50           | M     |
| 26 3-Chloro-1-propene               | 41  | 3.678     | 3.690         | -0.012        | 92  | 489873   | 5.00         | 5.05           |       |
| 27 Methylene Chloride               | 84  | 3.842     | 3.849         | -0.007        | 94  | 266520   | 5.00         | 5.17           |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.842     | 3.879         | -0.037        | 33  | 71966    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.946     | 3.983         | -0.037        | 99  | 168309   | 100.0        | 107.5          |       |
| 32 Methyl tert-butyl ether          | 73  | 4.208     | 4.221         | -0.013        | 95  | 592543   | 5.00         | 5.25           |       |
| 31 Acrylonitrile                    | 53  | 4.190     | 4.239         | -0.049        | 97  | 86303    | 12.5         | 13.7           |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.233     | 4.245         | -0.012        | 98  | 287503   | 5.00         | 5.28           |       |
| 34 Hexane                           | 57  | 4.647     | 4.659         | -0.012        | 93  | 446874   | 5.00         | 5.41           |       |
| 36 1,1-Dichloroethane               | 63  | 4.879     | 4.891         | -0.012        | 96  | 559328   | 5.00         | 5.32           |       |
| 37 Isopropyl ether                  | 45  | 4.940     | 4.952         | -0.012        | 96  | 938599   | 5.00         | 5.29           |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 4.995     | 5.013         | -0.018        | 92  | 488508   | 5.00         | 5.37           |       |
| 40 Tert-butyl ethyl ether           | 59  | 5.489     | 5.495         | -0.007        | 98  | 822765   | 5.00         | 5.34           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.690     | 5.714         | -0.024        | 100 | 521705   | 50.0         | 59.6           |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.726     | 5.739         | -0.012        | 83  | 319304   | 5.00         | 5.39           |       |
| 43 2,2-Dichloropropane             | 77  | 5.745     | 5.751         | -0.006        | 89  | 473211   | 5.00         | 5.14           |       |
| 44 Propionitrile                   | 54  | 5.781     | 5.806         | -0.025        | 99  | 247792   | 100.0        | 113.6          |       |
| 47 Methacrylonitrile               | 67  | 5.988     | 6.007         | -0.019        | 93  | 553450   | 50.0         | 62.8           |       |
| 48 Chlorobromomethane              | 128 | 6.068     | 6.080         | -0.012        | 96  | 120719   | 5.00         | 5.39           |       |
| 49 Tetrahydrofuran                 | 71  | 6.074     | 6.098         | -0.024        | 67  | 70382    | 25.0         | 28.6           |       |
| S 46 1,2-Dichloroethene, Total     | 100 |           |               |               | 0   |          |              | 10.7           |       |
| 50 Chloroform                      | 83  | 6.214     | 6.226         | -0.012        | 94  | 512582   | 5.00         | 5.25           |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.440     | 6.446         | -0.006        | 94  | 449518   | 10.0         | 10.0           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.452     | 6.458         | -0.006        | 99  | 471646   | 5.00         | 5.16           |       |
| 54 Cyclohexane                     | 56  | 6.555     | 6.562         | -0.007        | 92  | 563474   | 5.00         | 5.02           |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.677         | -0.006        | 84  | 411604   | 5.00         | 5.33           |       |
| 55 1,1-Dichloropropene             | 75  | 6.671     | 6.677         | -0.006        | 95  | 445120   | 5.00         | 5.28           |       |
| 57 Isobutyl alcohol                | 41  | 6.824     | 6.836         | -0.012        | 94  | 149869   | 250.0        | 245.1          |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.903         | -0.006        | 94  | 79921    | 10.0         | 9.81           |       |
| 59 Benzene                         | 78  | 6.933     | 6.933         | 0.000         | 97  | 1238147  | 5.00         | 5.16           |       |
| 60 1,2-Dichloroethane              | 62  | 7.000     | 7.007         | -0.007        | 97  | 284381   | 5.00         | 5.28           |       |
| 63 Tert-amyl methyl ether          | 73  | 7.135     | 7.141         | -0.006        | 98  | 680442   | 5.00         | 5.11           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.348         | 0.000         | 98  | 1935362  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 93  | 446501   | 5.00         | 5.11           |       |
| 67 n-Butanol                       | 56  | 7.738     | 7.756         | -0.018        | 89  | 212286   | 437.5        | 428.0          |       |
| 68 Trichloroethene                 | 95  | 7.836     | 7.842         | -0.006        | 99  | 324806   | 5.00         | 5.17           |       |
| 69 Methylcyclohexane               | 83  | 8.153     | 8.159         | -0.006        | 93  | 565122   | 5.00         | 5.17           |       |
| 70 1,2-Dichloropropane             | 63  | 8.171     | 8.171         | 0.000         | 97  | 312143   | 5.00         | 5.42           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 93  | 463888   | 5.00         | 5.32           |       |
| 72 Methyl methacrylate             | 69  | 8.268     | 8.287         | -0.019        | 95  | 107390   | 5.00         | 5.98           |       |
| 73 1,4-Dioxane                     | 88  | 8.287     | 8.287         | 0.000         | 30  | 21502    | 250.0        | 226.5          |       |
| 74 Dibromomethane                  | 93  | 8.287     | 8.293         | -0.006        | 96  | 118264   | 5.00         | 5.54           |       |
| 76 Dichlorobromomethane            | 83  | 8.524     | 8.531         | -0.007        | 99  | 340773   | 5.00         | 5.30           |       |
| 77 2-Nitropropane                  | 41  | 8.793     | 8.799         | -0.006        | 98  | 157146   | 25.0         | 28.2           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.927     | 8.933         | -0.006        | 99  | 258324   | 5.00         | 5.02           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.098     | 9.104         | -0.006        | 95  | 433233   | 5.00         | 5.51           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.280     | 9.287         | -0.007        | 97  | 1392531  | 50.0         | 55.8           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94  | 1925363  | 10.0         | 10.0           |       |
| 84 Toluene                         | 92  | 9.506     | 9.512         | -0.006        | 98  | 782001   | 5.00         | 5.26           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.786     | 9.793         | -0.007        | 93  | 333398   | 5.00         | 5.66           |       |
| 104 Ethyl methacrylate             | 69  | 9.860     | 9.866         | -0.006        | 90  | 242524   | 5.00         | 5.83           |       |
| 106 1,1,2-Trichloroethane          | 97  | 9.994     | 10.000        | -0.006        | 91  | 169067   | 5.00         | 5.12           |       |
| S 105 1,3-Dichloropropene, Total   | 100 |           |               |               | 0   |          |              | 11.2           |       |
| 107 Tetrachloroethene              | 166 | 10.085    | 10.091        | -0.006        | 98  | 369012   | 5.00         | 5.25           |       |
| 108 1,3-Dichloropropane            | 76  | 10.164    | 10.171        | -0.007        | 91  | 310635   | 5.00         | 5.41           |       |
| 109 2-Hexanone                     | 43  | 10.219    | 10.225        | -0.006        | 97  | 949481   | 50.0         | 59.6           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 90  | 218816   | 5.00         | 5.37           |       |
| 112 Ethylene Dibromide             | 107 | 10.500    | 10.506        | -0.006        | 98  | 159363   | 5.00         | 5.56           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.951        | -0.006        | 86  | 1379202  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 450650   | 5.00         | 4.81           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 94  | 825184   | 5.00         | 5.25           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.061        | 0.000         | 96  | 279129   | 5.00         | 5.39           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 99  | 1556361  | 5.00         | 5.30           |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.183    | 11.189        | -0.007        | 100 | 1195288  | 10.0         | 10.7           |       |
| S 118 Xylenes, Total               | 106 |           |               |               | 0   |          |              | 16.1           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 120 o-Xylene                       | 106 | 11.518    | 11.524        | -0.006        | 97 | 573083   | 5.00         | 5.42           |       |
| 121 Styrene                        | 104 | 11.536    | 11.542        | -0.006        | 94 | 910777   | 5.00         | 5.37           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.701        | -0.006        | 97 | 122749   | 5.00         | 5.82           |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 96 | 1383452  | 5.00         | 5.35           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 91 | 696910   | 10.0         | 10.1           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.073    | 12.079        | -0.006        | 92 | 202504   | 5.00         | 5.36           |       |
| 128 Bromobenzene                   | 156 | 12.091    | 12.091        | 0.000         | 95 | 327504   | 5.00         | 5.34           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.103        | 0.000         | 91 | 555194   | 50.0         | 60.2           |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.121    | 12.121        | 0.000         | 79 | 51950    | 5.00         | 5.49           |       |
| 131 N-Propylbenzene                | 91  | 12.164    | 12.164        | 0.000         | 99 | 1808682  | 5.00         | 5.30           |       |
| 132 2-Chlorotoluene                | 126 | 12.237    | 12.237        | 0.000         | 96 | 350817   | 5.00         | 5.39           |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.298    | 12.304        | -0.006        | 94 | 1283556  | 5.00         | 5.38           |       |
| 134 4-Chlorotoluene                | 126 | 12.329    | 12.335        | -0.006        | 98 | 356779   | 5.00         | 5.44           |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 94 | 278845   | 5.00         | 5.29           |       |
| 136 Pentachloroethane              | 167 | 12.572    | 12.573        | -0.001        | 93 | 199649   | 5.00         | 5.75           |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.585    | 12.585        | 0.000         | 97 | 1302169  | 5.00         | 5.37           |       |
| 138 sec-Butylbenzene               | 105 | 12.707    | 12.707        | 0.000         | 94 | 1644421  | 5.00         | 5.35           |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.804    | 12.810        | -0.006        | 98 | 662850   | 5.00         | 5.40           |       |
| 140 4-Isopropyltoluene             | 119 | 12.822    | 12.823        | 0.000         | 97 | 1424244  | 5.00         | 5.40           |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 94 | 766613   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 94 | 661485   | 5.00         | 5.24           |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.889    | 12.896        | -0.007        | 99 | 548633   | 5.00         | 5.37           |       |
| 144 Benzyl chloride                | 126 | 12.957    | 12.963        | -0.006        | 99 | 85767    | 5.00         | 5.76           |       |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 94 | 842513   | 5.00         | 5.45           |       |
| 146 n-Butylbenzene                 | 92  | 13.115    | 13.115        | 0.000         | 98 | 686136   | 5.00         | 5.52           |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.139    | 13.140        | -0.001        | 98 | 584222   | 5.00         | 5.46           |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 | 13.688    | 13.688        | 0.000         | 87 | 27817    | 5.00         | 5.55           |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.816    | 13.816        | 0.000         | 98 | 493194   | 5.00         | 5.48           |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.237    | 14.237        | 0.000         | 93 | 399683   | 5.00         | 5.54           |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 96 | 194652   | 5.00         | 5.46           |       |
| 153 Naphthalene                    | 128 | 14.414    | 14.420        | -0.006        | 97 | 629216   | 5.00         | 5.33           |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.560    | 14.560        | 0.000         | 96 | 326758   | 5.00         | 5.52           |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

### Reagents:

|                     |                    |           |             |
|---------------------|--------------------|-----------|-------------|
| MSV_LL_#1_826_00171 | Amount Added: 5.00 | Units: uL |             |
| MSV_LL_GAS826_00279 | Amount Added: 5.00 | Units: uL |             |
| MSV_LL_#2_826_00185 | Amount Added: 5.00 | Units: uL |             |
| MSV_LLcentISS_00016 | Amount Added: 5.00 | Units: uL | Run Reagent |



Report Date: 16-Jul-2025 16:05:33

Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X18.D

Injection Date: 09-Jul-2025 06:21:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: IC std7 5

Worklist Smp#: 19

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

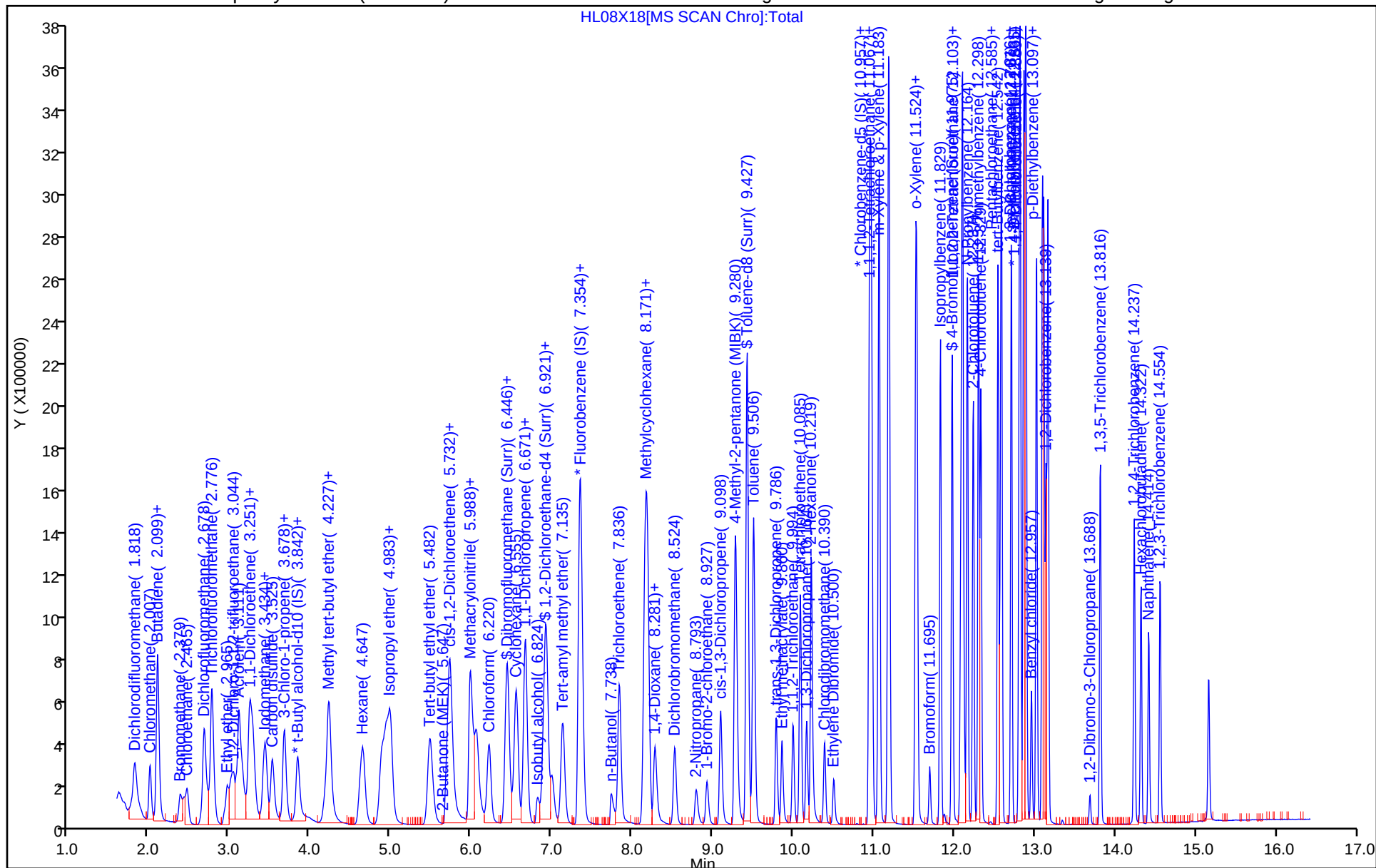
ALS Bottle#: 18

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2





## Eurofins Lancaster Laboratories Environment Testing, LLC

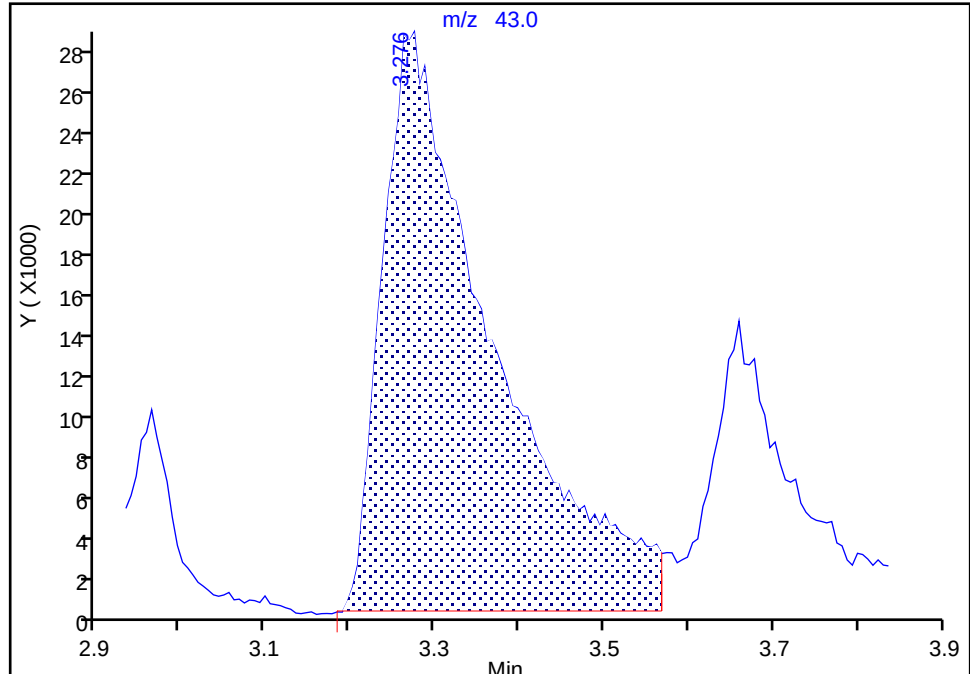
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X18.D  
Injection Date: 09-Jul-2025 06:21:30 Instrument ID: 19094  
Lims ID: IC std7 5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**19 Acetone, CAS: 67-64-1**

Signal: 1

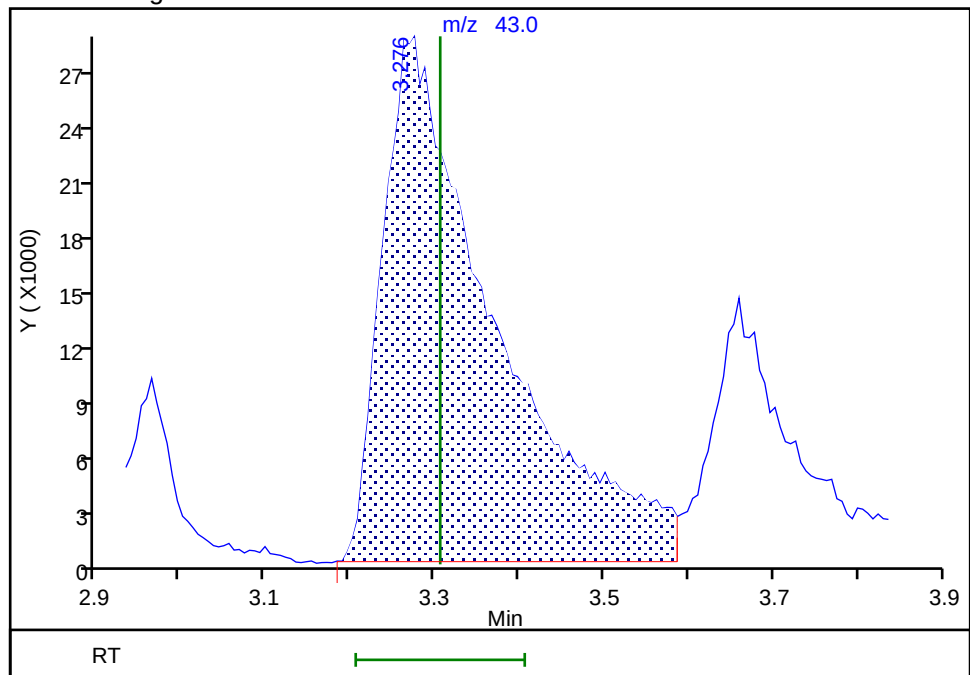
RT: 3.28  
Area: 252847  
Amount: 49.527172  
Amount Units: ug/l

## Processing Integration Results



RT: 3.28  
Area: 255788  
Amount: 50.031195  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:34:33 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

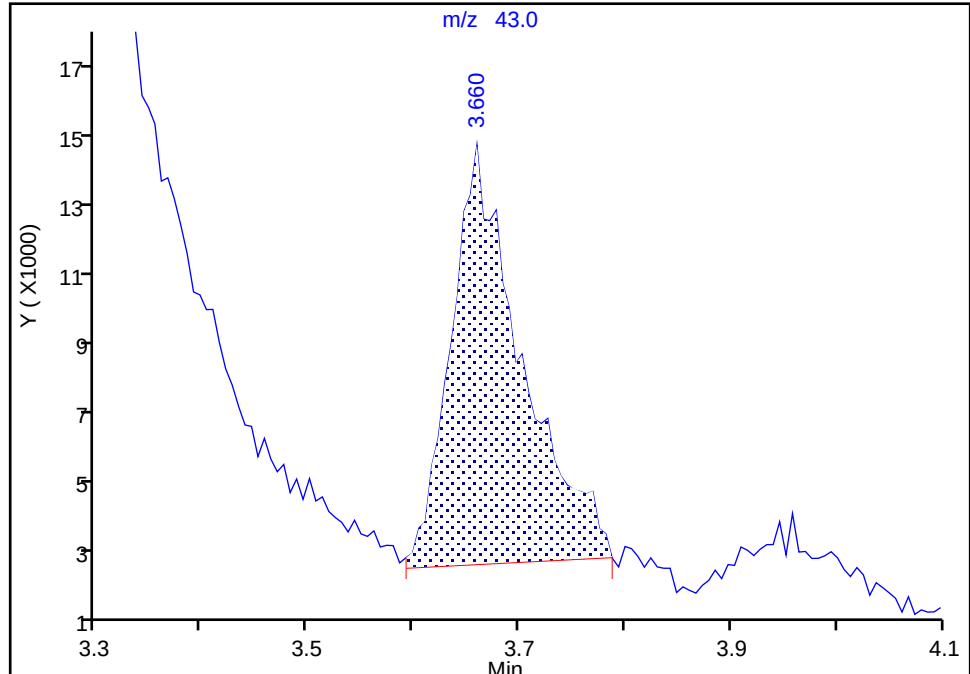
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X18.D  
Injection Date: 09-Jul-2025 06:21:30 Instrument ID: 19094  
Lims ID: IC std7 5  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm i.d.) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

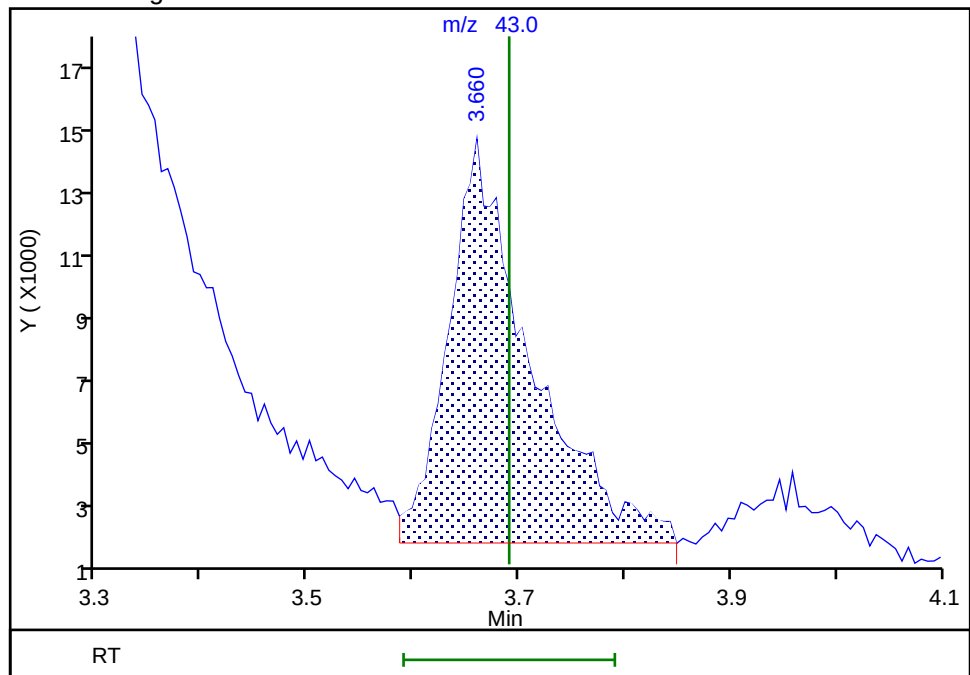
RT: 3.66  
Area: 53794  
Amount: 3.233700  
Amount Units: ug/l

## Processing Integration Results



RT: 3.66  
Area: 67190  
Amount: 5.498289  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:34:57 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X19.D  
 Lims ID: ICIS 10  
 Client ID:  
 Sample Type: ICIS Calib Level: 8  
 Inject. Date: 09-Jul-2025 06:41:30 ALS Bottle#: 19 Worklist Smp#: 20  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-020  
 Misc. Info.: IC STD8 10  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 16:05:39 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 01:04:56

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.831     | 1.831         | 0.000         | 100 | 624423   | 10.0         | 9.81           |       |
| 5 Chloromethane                     | 50  | 2.013     | 2.013         | 0.000         | 99  | 718011   | 10.0         | 8.54           |       |
| 7 Butadiene                         | 39  | 2.105     | 2.105         | 0.000         | 92  | 763286   | 10.0         | 9.45           |       |
| 6 Vinyl chloride                    | 62  | 2.123     | 2.123         | 0.000         | 98  | 716713   | 10.0         | 9.43           |       |
| 9 Bromomethane                      | 94  | 2.391     | 2.391         | 0.000         | 90  | 499257   | 10.0         | 9.25           | M     |
| 10 Chloroethane                     | 64  | 2.477     | 2.477         | 0.000         | 100 | 442356   | 10.0         | 9.27           |       |
| 11 Dichlorofluoromethane            | 67  | 2.690     | 2.690         | 0.000         | 97  | 1202204  | 10.0         | 9.42           |       |
| 12 Trichlorofluoromethane           | 101 | 2.788     | 2.788         | 0.000         | 89  | 938347   | 10.0         | 9.52           |       |
| 14 Ethyl ether                      | 59  | 2.971     | 2.971         | 0.000         | 92  | 368397   | 10.0         | 11.0           |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.050     | 3.050         | 0.000         | 94  | 711711   | 10.0         | 9.68           |       |
| 16 Acrolein                         | 56  | 3.117     | 3.117         | 0.000         | 99  | 2465164  | 487.9        | 561.5          |       |
| 17 1,1-Dichloroethene               | 96  | 3.251     | 3.251         | 0.000         | 97  | 499068   | 10.0         | 10.0           |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.294     | 3.294         | 0.000         | 94  | 556026   | 10.0         | 11.4           |       |
| 19 Acetone                          | 43  | 3.275     | 3.275         | 0.000         | 97  | 505514   | 100.0        | 93.8           |       |
| 21 Iodomethane                      | 142 | 3.434     | 3.434         | 0.000         | 99  | 959180   | 10.0         | 10.0           |       |
| 22 Ethyl bromide                    | 108 | 3.458     | 3.458         | 0.000         | 98  | 442823   | 9.99         | 10.5           |       |
| 23 Carbon disulfide                 | 76  | 3.531     | 3.531         | 0.000         | 99  | 1481226  | 10.0         | 9.70           |       |
| 24 Methyl acetate                   | 43  | 3.660     | 3.660         | 0.000         | 95  | 140269   | 10.0         | 10.9           | M     |
| 26 3-Chloro-1-propene               | 41  | 3.684     | 3.684         | 0.000         | 92  | 952934   | 10.0         | 9.69           |       |
| 27 Methylene Chloride               | 84  | 3.855     | 3.855         | 0.000         | 95  | 515378   | 10.0         | 9.87           |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.891     | 3.891         | 0.000         | 95  | 75826    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.995     | 3.995         | 0.000         | 100 | 336309   | 200.0        | 203.9          |       |
| 32 Methyl tert-butyl ether          | 73  | 4.214     | 4.214         | 0.000         | 96  | 1162506  | 10.0         | 10.2           |       |
| 31 Acrylonitrile                    | 53  | 4.184     | 4.184         | 0.000         | 98  | 177072   | 25.0         | 26.3           |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.239     | 4.239         | 0.000         | 97  | 554106   | 10.0         | 10.0           |       |
| 34 Hexane                           | 57  | 4.659     | 4.659         | 0.000         | 93  | 908221   | 10.0         | 10.8           |       |
| 36 1,1-Dichloroethane               | 63  | 4.891     | 4.891         | 0.000         | 96  | 1086565  | 10.0         | 10.2           |       |
| 37 Isopropyl ether                  | 45  | 4.952     | 4.952         | 0.000         | 95  | 1840317  | 10.0         | 10.2           |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 5.001     | 5.001         | 0.000         | 91  | 959967   | 10.0         | 10.4           |       |
| 40 Tert-butyl ethyl ether           | 59  | 5.495     | 5.495         | 0.000         | 98  | 1611520  | 10.0         | 10.3           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.690     | 5.690         | 0.000         | 100 | 1035047  | 100.0        | 112.2          |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.732     | 5.732         | 0.000         | 84  | 618692   | 10.0         | 10.3           |       |
| 43 2,2-Dichloropropane             | 77  | 5.744     | 5.744         | 0.000         | 89  | 927098   | 10.0         | 9.94           |       |
| 44 Propionitrile                   | 54  | 5.775     | 5.775         | 0.000         | 98  | 547505   | 200.0        | 238.1          |       |
| 47 Methacrylonitrile               | 67  | 5.988     | 5.988         | 0.000         | 93  | 1088759  | 100.0        | 117.3          |       |
| 48 Chlorobromomethane              | 128 | 6.068     | 6.068         | 0.000         | 96  | 237208   | 10.0         | 10.4           |       |
| 49 Tetrahydrofuran                 | 71  | 6.080     | 6.080         | 0.000         | 70  | 144123   | 50.0         | 55.6           |       |
| 50 Chloroform                      | 83  | 6.226     | 6.226         | 0.000         | 94  | 1002345  | 10.0         | 10.1           |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.446         | 0.000         | 93  | 457348   | 10.0         | 10.0           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.458     | 6.458         | 0.000         | 99  | 926264   | 10.0         | 10.0           |       |
| 54 Cyclohexane                     | 56  | 6.561     | 6.561         | 0.000         | 91  | 1145978  | 10.0         | 10.1           |       |
| 56 Carbon tetrachloride            | 117 | 6.677     | 6.677         | 0.000         | 85  | 817391   | 10.0         | 10.4           |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.677         | 0.000         | 95  | 880653   | 10.0         | 10.3           |       |
| 57 Isobutyl alcohol                | 41  | 6.824     | 6.824         | 0.000         | 95  | 320353   | 500.0        | 497.2          |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 84  | 82019    | 10.0         | 9.93           |       |
| 59 Benzene                         | 78  | 6.939     | 6.939         | 0.000         | 97  | 2429128  | 10.0         | 10.0           |       |
| 60 1,2-Dichloroethane              | 62  | 7.006     | 7.006         | 0.000         | 97  | 541725   | 10.0         | 9.93           |       |
| 63 Tert-amyl methyl ether          | 73  | 7.141     | 7.141         | 0.000         | 98  | 1335257  | 10.0         | 9.89           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.354     | 7.354         | 0.000         | 99  | 1961552  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 93  | 904590   | 10.0         | 10.2           |       |
| 67 n-Butanol                       | 56  | 7.732     | 7.732         | 0.000         | 89  | 485627   | 875.0        | 886.8          |       |
| 68 Trichloroethene                 | 95  | 7.842     | 7.842         | 0.000         | 98  | 634809   | 10.0         | 9.97           |       |
| 69 Methylcyclohexane               | 83  | 8.159     | 8.159         | 0.000         | 93  | 1145666  | 10.0         | 10.3           |       |
| 70 1,2-Dichloropropane             | 63  | 8.177     | 8.177         | 0.000         | 86  | 612112   | 10.0         | 10.5           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 92  | 917266   | 10.0         | 10.4           |       |
| 72 Methyl methacrylate             | 69  | 8.268     | 8.268         | 0.000         | 94  | 218897   | 10.0         | 11.6           |       |
| 73 1,4-Dioxane                     | 88  | 8.287     | 8.287         | 0.000         | 33  | 48472    | 500.0        | 457.5          |       |
| 74 Dibromomethane                  | 93  | 8.287     | 8.287         | 0.000         | 98  | 238541   | 10.0         | 11.0           |       |
| 76 Dichlorobromomethane            | 83  | 8.531     | 8.531         | 0.000         | 99  | 680527   | 10.0         | 10.4           |       |
| 77 2-Nitropropane                  | 41  | 8.793     | 8.793         | 0.000         | 97  | 311668   | 50.0         | 53.1           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.927     | 8.927         | 0.000         | 99  | 523216   | 10.0         | 10.0           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.097     | 9.097         | 0.000         | 96  | 863378   | 10.0         | 10.8           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.280     | 9.280         | 0.000         | 97  | 2766816  | 100.0        | 105.3          |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93  | 1953391  | 10.0         | 10.1           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98  | 1523359  | 10.0         | 10.1           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.786     | 9.786         | 0.000         | 94  | 664468   | 10.0         | 11.1           |       |
| 104 Ethyl methacrylate             | 69  | 9.860     | 9.860         | 0.000         | 90  | 480377   | 10.0         | 11.4           |       |
| 106 1,1,2-Trichloroethane          | 97  | 10.000    | 10.000        | 0.000         | 91  | 332280   | 10.0         | 9.94           |       |
| 107 Tetrachloroethene              | 166 | 10.091    | 10.091        | 0.000         | 98  | 725515   | 10.0         | 10.2           |       |
| 108 1,3-Dichloropropane            | 76  | 10.164    | 10.164        | 0.000         | 92  | 609210   | 10.0         | 10.5           |       |
| 109 2-Hexanone                     | 43  | 10.219    | 10.219        | 0.000         | 97  | 1897130  | 100.0        | 113.0          |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 90  | 442033   | 10.0         | 10.7           |       |
| 112 Ethylene Dibromide             | 107 | 10.500    | 10.500        | 0.000         | 99  | 319837   | 10.0         | 11.0           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.951    | 10.951        | 0.000         | 87  | 1396688  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 886843   | 10.0         | 9.36           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 94  | 1613732  | 10.0         | 10.1           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.060    | 11.060        | 0.000         | 95  | 555115   | 10.0         | 10.6           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 98  | 3052167  | 10.0         | 10.3           |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.189    | 11.189        | 0.000         | 100 | 2340303  | 20.0         | 20.7           |       |
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97  | 1124598  | 10.0         | 10.5           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 94  | 1806603  | 10.0         | 10.5           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 97  | 248060   | 10.0         | 11.6           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 96 | 2704279  | 10.0         | 10.3           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 91 | 699215   | 10.0         | 9.97           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.079    | 12.079        | 0.000         | 92 | 397340   | 10.0         | 10.4           |       |
| 128 Bromobenzene                   | 156 | 12.091    | 12.091        | 0.000         | 95 | 642588   | 10.0         | 10.4           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.103        | 0.000         | 91 | 1108654  | 100.0        | 114.2          |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.121    | 12.121        | 0.000         | 79 | 103598   | 10.0         | 10.8           |       |
| 131 N-Propylbenzene                | 91  | 12.164    | 12.164        | 0.000         | 99 | 3572093  | 10.0         | 10.4           |       |
| 132 2-Chlorotoluene                | 126 | 12.237    | 12.237        | 0.000         | 96 | 689581   | 10.0         | 10.5           |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.304    | 12.304        | 0.000         | 93 | 2521045  | 10.0         | 10.4           |       |
| 134 4-Chlorotoluene                | 126 | 12.329    | 12.329        | 0.000         | 98 | 688971   | 10.0         | 10.4           |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 93 | 571835   | 10.0         | 10.7           |       |
| 136 Pentachloroethane              | 167 | 12.572    | 12.572        | 0.000         | 94 | 411223   | 10.0         | 11.7           |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.585    | 12.585        | 0.000         | 97 | 2561134  | 10.0         | 10.5           |       |
| 138 sec-Butylbenzene               | 105 | 12.707    | 12.707        | 0.000         | 94 | 3261820  | 10.0         | 10.5           |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.804    | 12.804        | 0.000         | 98 | 1318028  | 10.0         | 10.6           |       |
| 140 4-Isopropyltoluene             | 119 | 12.822    | 12.822        | 0.000         | 97 | 2827837  | 10.0         | 10.6           |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 95 | 775184   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 94 | 1299870  | 10.0         | 10.2           |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.889    | 12.889        | 0.000         | 99 | 1070213  | 10.0         | 10.4           |       |
| 144 Benzyl chloride                | 126 | 12.956    | 12.956        | 0.000         | 99 | 171072   | 10.0         | 11.4           |       |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 93 | 1676907  | 10.0         | 10.7           |       |
| 146 n-Butylbenzene                 | 92  | 13.115    | 13.115        | 0.000         | 97 | 1374829  | 10.0         | 10.9           |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.139    | 13.139        | 0.000         | 98 | 1145202  | 10.0         | 10.6           |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 | 13.688    | 13.688        | 0.000         | 86 | 55579    | 10.0         | 11.0           |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.816    | 13.816        | 0.000         | 97 | 973645   | 10.0         | 10.7           |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.237    | 14.237        | 0.000         | 94 | 789615   | 10.0         | 10.8           |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 95 | 389062   | 10.0         | 10.8           |       |
| 153 Naphthalene                    | 128 | 14.414    | 14.414        | 0.000         | 97 | 1262412  | 10.0         | 10.6           |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.560    | 14.560        | 0.000         | 96 | 652335   | 10.0         | 10.9           |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

### Reagents:

|                     |                     |           |             |
|---------------------|---------------------|-----------|-------------|
| MSV_LL_#1_826_00171 | Amount Added: 10.00 | Units: uL |             |
| MSV_LL_GAS826_00279 | Amount Added: 10.00 | Units: uL |             |
| MSV_LL_#2_826_00185 | Amount Added: 10.00 | Units: uL |             |
| MSV_LLcentISS_00016 | Amount Added: 5.00  | Units: uL | Run Reagent |

Report Date: 16-Jul-2025 16:05:40

Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X19.D

Injection Date: 09-Jul-2025 06:41:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: ICIS 10

Worklist Smp#: 20

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

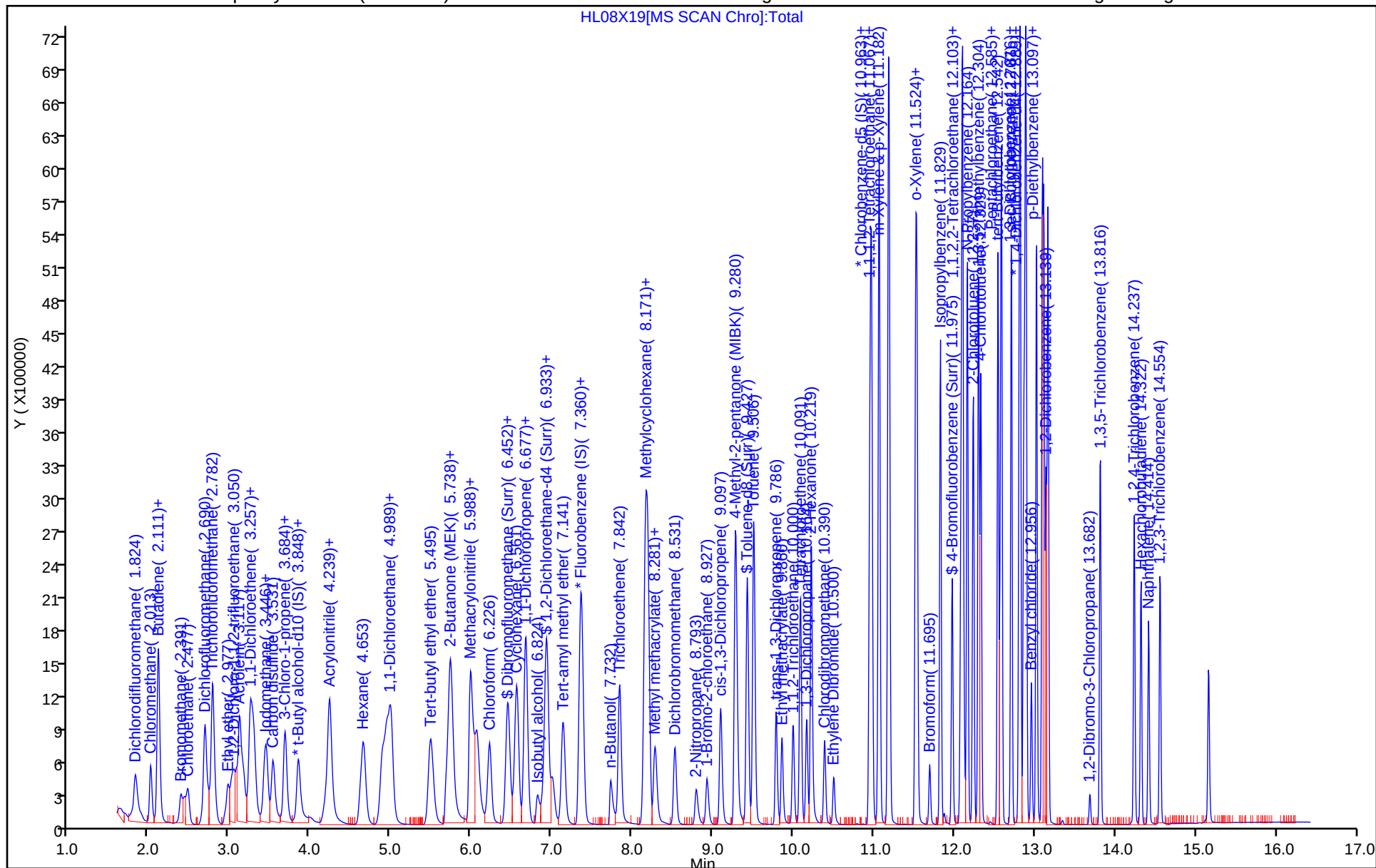
ALS Bottle#: 19

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

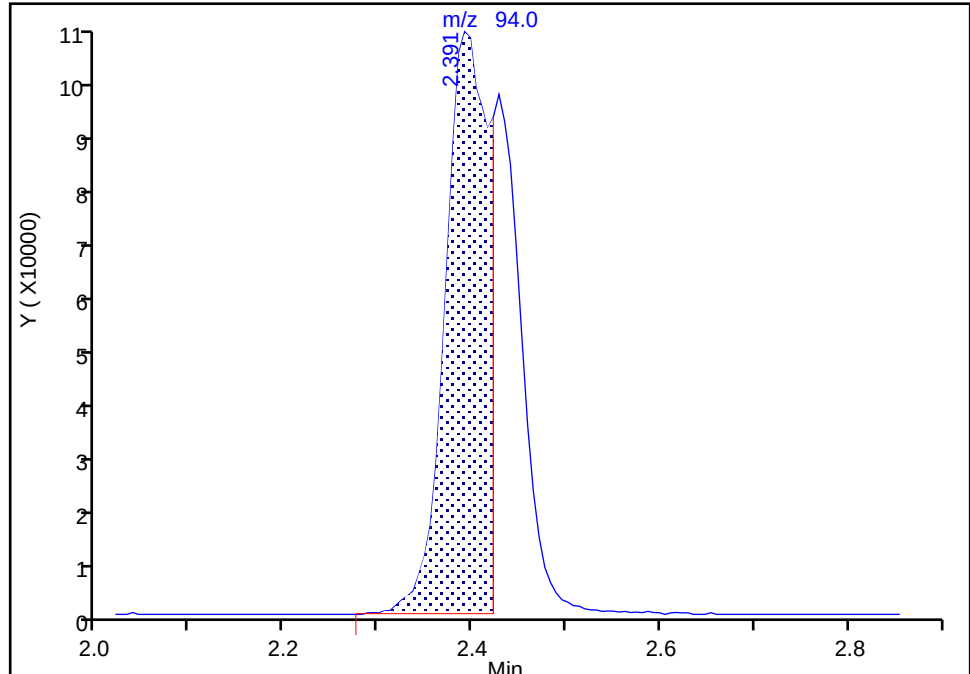
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X19.D  
Injection Date: 09-Jul-2025 06:41:30 Instrument ID: 19094  
Lims ID: ICIS 10  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

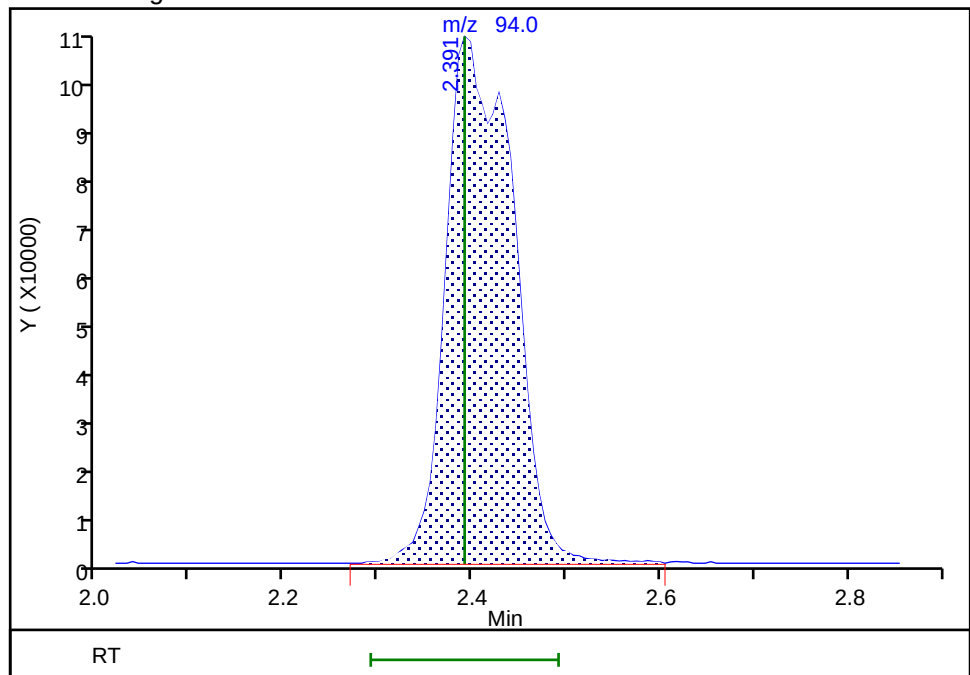
RT: 2.39  
Area: 330057  
Amount: 6.715901  
Amount Units: ug/l

## Processing Integration Results



RT: 2.39  
Area: 499257  
Amount: 9.248846  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:03:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

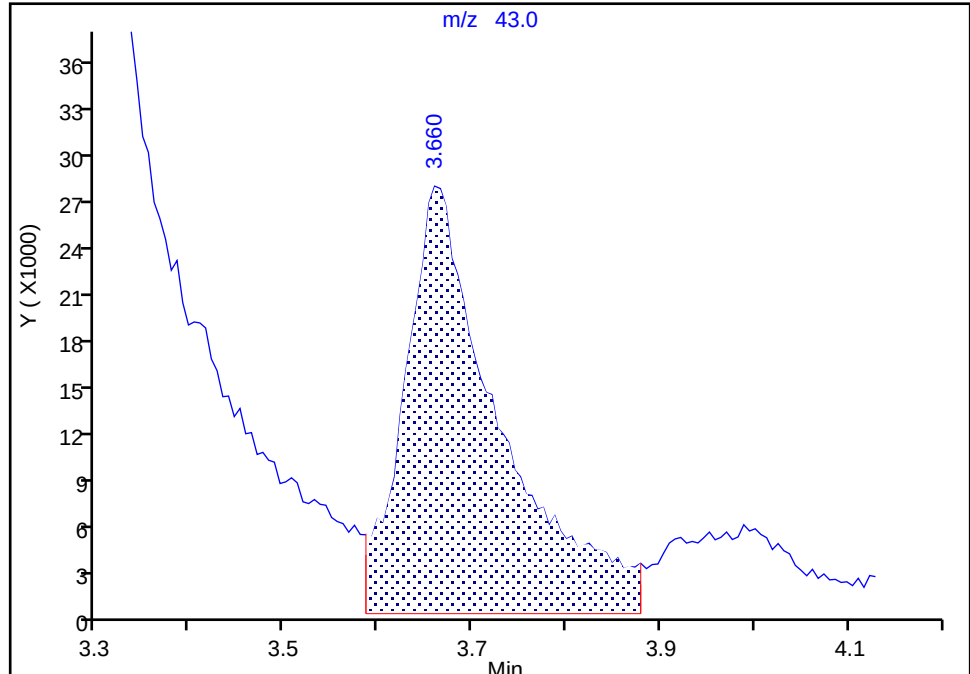
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X19.D  
Injection Date: 09-Jul-2025 06:41:30 Instrument ID: 19094  
Lims ID: ICIS 10  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

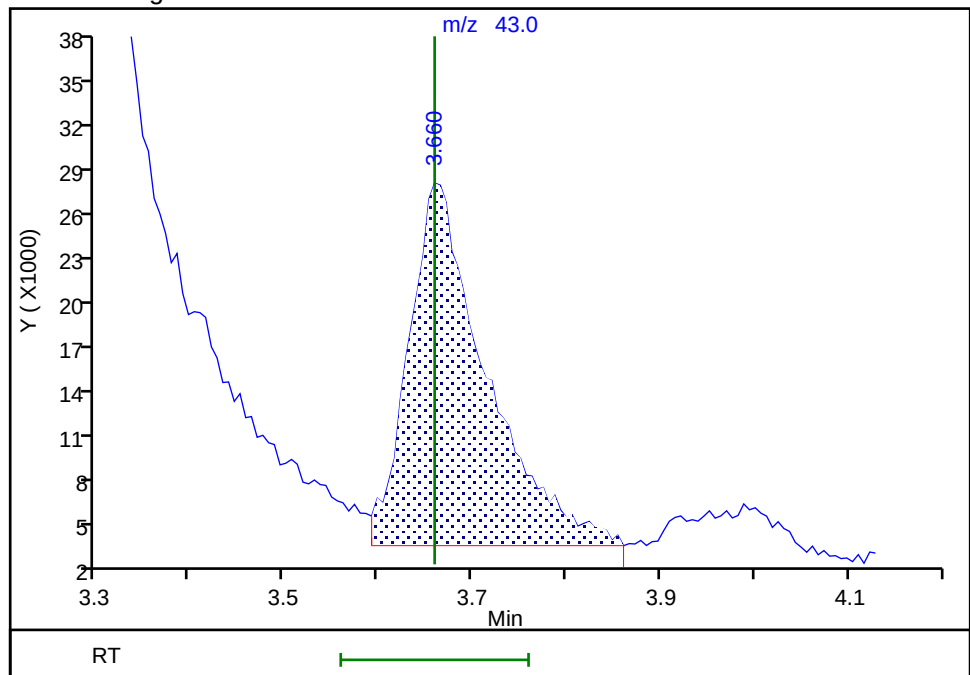
RT: 3.66  
Area: 192917  
Amount: 10.133415  
Amount Units: ug/l

## Processing Integration Results



RT: 3.66  
Area: 140269  
Amount: 10.894162  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:04:23 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration



Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Lims ID: IC std9 25  
 Client ID:  
 Sample Type: IC Calib Level: 9  
 Inject. Date: 09-Jul-2025 07:02:30 ALS Bottle#: 20 Worklist Smp#: 21  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-021  
 Misc. Info.: IC STD9 25  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 16:05:46 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 01:07:21

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.818     | 1.831         | -0.013        | 99  | 1507706  | 25.0         | 23.4           |       |
| 5 Chloromethane                     | 50  | 2.007     | 2.013         | -0.006        | 99  | 1830828  | 25.0         | 21.5           |       |
| 7 Butadiene                         | 39  | 2.099     | 2.105         | -0.006        | 91  | 1814391  | 25.0         | 22.2           |       |
| 6 Vinyl chloride                    | 62  | 2.111     | 2.123         | -0.012        | 98  | 1721907  | 25.0         | 22.4           |       |
| 9 Bromomethane                      | 94  | 2.422     | 2.391         | 0.031         | 90  | 1242644  | 25.0         | 22.7           | M     |
| 10 Chloroethane                     | 64  | 2.465     | 2.477         | -0.012        | 100 | 1113888  | 25.0         | 23.1           |       |
| 11 Dichlorofluoromethane            | 67  | 2.678     | 2.690         | -0.012        | 97  | 2999151  | 25.0         | 23.2           |       |
| 12 Trichlorofluoromethane           | 101 | 2.776     | 2.788         | -0.012        | 98  | 2273664  | 25.0         | 22.8           |       |
| 14 Ethyl ether                      | 59  | 2.965     | 2.971         | -0.006        | 92  | 922980   | 25.0         | 27.3           |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.044     | 3.050         | -0.006        | 94  | 1771846  | 25.0         | 23.8           |       |
| 16 Acrolein                         | 56  | 3.111     | 3.117         | -0.006        | 99  | 5850045  | 1219.9       | 1224.5         |       |
| 17 1,1-Dichloroethene               | 96  | 3.245     | 3.251         | -0.006        | 97  | 1225652  | 25.0         | 24.3           |       |
| 19 Acetone                          | 43  | 3.269     | 3.275         | -0.006        | 100 | 1227790  | 250.0        | 209.4          |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.282     | 3.294         | -0.012        | 93  | 1339738  | 25.0         | 27.1           |       |
| 21 Iodomethane                      | 142 | 3.422     | 3.434         | -0.012        | 99  | 2342180  | 25.0         | 24.2           |       |
| 22 Ethyl bromide                    | 108 | 3.446     | 3.458         | -0.012        | 98  | 1114461  | 25.0         | 26.2           |       |
| 23 Carbon disulfide                 | 76  | 3.525     | 3.531         | -0.006        | 99  | 3702011  | 25.0         | 24.0           |       |
| 24 Methyl acetate                   | 43  | 3.653     | 3.660         | -0.007        | 96  | 386860   | 25.0         | 27.6           | M     |
| 26 3-Chloro-1-propene               | 41  | 3.672     | 3.684         | -0.012        | 92  | 2383763  | 25.0         | 24.0           |       |
| 27 Methylene Chloride               | 84  | 3.836     | 3.855         | -0.019        | 94  | 1278663  | 25.0         | 24.2           |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.873     | 3.891         | -0.018        | 95  | 82517    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.970     | 3.995         | -0.025        | 100 | 900300   | 500.0        | 501.5          |       |
| 31 Acrylonitrile                    | 53  | 4.147     | 4.184         | -0.037        | 99  | 458127   | 62.5         | 61.8           |       |
| 32 Methyl tert-butyl ether          | 73  | 4.214     | 4.214         | 0.000         | 95  | 2850495  | 25.0         | 24.6           |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.227     | 4.239         | -0.013        | 97  | 1379887  | 25.0         | 24.7           |       |
| 34 Hexane                           | 57  | 4.647     | 4.659         | -0.012        | 94  | 2198846  | 25.0         | 26.0           |       |
| 36 1,1-Dichloroethane               | 63  | 4.879     | 4.891         | -0.012        | 96  | 2693367  | 25.0         | 25.0           |       |
| 37 Isopropyl ether                  | 45  | 4.940     | 4.952         | -0.012        | 94  | 4574470  | 25.0         | 25.1           |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 4.995     | 5.001         | -0.006        | 91  | 2411612  | 25.0         | 25.8           |       |
| 40 Tert-butyl ethyl ether           | 59  | 5.488     | 5.495         | -0.006        | 98  | 3963662  | 25.0         | 25.1           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.677     | 5.690         | -0.013        | 100 | 2437557  | 250.0        | 242.8          |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.726     | 5.732         | -0.006        | 84  | 1534308  | 25.0         | 25.3           |       |
| 43 2,2-Dichloropropane             | 77  | 5.745     | 5.744         | 0.000         | 88  | 2289186  | 25.0         | 24.3           |       |
| 44 Propionitrile                   | 54  | 5.763     | 5.775         | -0.012        | 99  | 1271828  | 500.0        | 508.3          |       |
| 47 Methacrylonitrile               | 67  | 5.988     | 5.988         | 0.000         | 93  | 2641135  | 250.0        | 261.5          |       |
| 48 Chlorobromomethane              | 128 | 6.068     | 6.068         | 0.000         | 97  | 578086   | 25.0         | 25.1           |       |
| 49 Tetrahydrofuran                 | 71  | 6.074     | 6.080         | -0.006        | 80  | 337883   | 125.0        | 119.7          |       |
| S 46 1,2-Dichloroethene, Total     | 100 |           |               |               | 0   |          |              | 50.0           |       |
| 50 Chloroform                      | 83  | 6.220     | 6.226         | -0.006        | 94  | 2476585  | 25.0         | 24.7           |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.439     | 6.446         | -0.007        | 94  | 458587   | 10.0         | 9.95           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.452     | 6.458         | -0.006        | 99  | 2290094  | 25.0         | 24.4           |       |
| 54 Cyclohexane                     | 56  | 6.555     | 6.561         | -0.006        | 91  | 2790308  | 25.0         | 24.2           |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.677         | -0.006        | 82  | 2038956  | 25.0         | 25.8           |       |
| 55 1,1-Dichloropropene             | 75  | 6.671     | 6.677         | -0.006        | 95  | 2205717  | 25.0         | 25.5           |       |
| 57 Isobutyl alcohol                | 41  | 6.817     | 6.824         | -0.007        | 95  | 840990   | 1250.0       | 1199.4         |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 92  | 83477    | 10.0         | 10.0           |       |
| 59 Benzene                         | 78  | 6.933     | 6.939         | -0.006        | 96  | 6043873  | 25.0         | 24.6           |       |
| 60 1,2-Dichloroethane              | 62  | 7.006     | 7.006         | 0.000         | 97  | 1305181  | 25.0         | 23.6           |       |
| 63 Tert-amyl methyl ether          | 73  | 7.134     | 7.141         | -0.007        | 98  | 3354384  | 25.0         | 24.5           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.354         | -0.006        | 99  | 1984911  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 93  | 2217129  | 25.0         | 24.7           |       |
| 67 n-Butanol                       | 56  | 7.726     | 7.732         | -0.006        | 88  | 1335228  | 2187.5       | 2185.1         |       |
| 68 Trichloroethene                 | 95  | 7.842     | 7.842         | 0.000         | 98  | 1585054  | 25.0         | 24.6           |       |
| 69 Methylcyclohexane               | 83  | 8.153     | 8.159         | -0.006        | 93  | 2811804  | 25.0         | 25.1           |       |
| 70 1,2-Dichloropropane             | 63  | 8.171     | 8.177         | -0.006        | 97  | 1531863  | 25.0         | 25.9           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 92  | 2292363  | 25.0         | 25.6           |       |
| 72 Methyl methacrylate             | 69  | 8.268     | 8.268         | 0.000         | 92  | 556682   | 25.0         | 27.0           |       |
| 73 1,4-Dioxane                     | 88  | 8.268     | 8.287         | -0.019        | 33  | 155644   | 1250.0       | 1303.6         |       |
| 74 Dibromomethane                  | 93  | 8.281     | 8.287         | -0.006        | 97  | 594857   | 25.0         | 27.2           |       |
| 76 Dichlorobromomethane            | 83  | 8.524     | 8.531         | -0.006        | 99  | 1697281  | 25.0         | 25.7           |       |
| 77 2-Nitropropane                  | 41  | 8.793     | 8.793         | 0.000         | 97  | 752379   | 125.0        | 117.9          |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.927     | 8.927         | 0.000         | 99  | 1319994  | 25.0         | 25.0           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.098     | 9.097         | 0.001         | 95  | 2166367  | 25.0         | 26.8           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.280     | 9.280         | 0.000         | 97  | 6682936  | 250.0        | 233.7          |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94  | 1977484  | 10.0         | 10.0           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98  | 3811666  | 25.0         | 24.9           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.780     | 9.786         | -0.006        | 93  | 1688774  | 25.0         | 27.9           |       |
| 104 Ethyl methacrylate             | 69  | 9.853     | 9.860         | -0.007        | 90  | 1208466  | 25.0         | 28.2           |       |
| 106 1,1,2-Trichloroethane          | 97  | 9.994     | 10.000        | -0.006        | 91  | 835586   | 25.0         | 24.6           |       |
| S 105 1,3-Dichloropropene, Total   | 100 |           |               |               | 0   |          |              | 54.7           |       |
| 107 Tetrachloroethene              | 166 | 10.085    | 10.091        | -0.006        | 98  | 1795563  | 25.0         | 24.9           |       |
| 108 1,3-Dichloropropane            | 76  | 10.164    | 10.164        | 0.000         | 91  | 1524489  | 25.0         | 25.8           |       |
| 109 2-Hexanone                     | 43  | 10.219    | 10.219        | 0.000         | 96  | 4662358  | 250.0        | 255.1          |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 90  | 1110083  | 25.0         | 26.5           |       |
| 112 Ethylene Dibromide             | 107 | 10.500    | 10.500        | 0.000         | 98  | 800536   | 25.0         | 27.2           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.951        | -0.006        | 86  | 1417363  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 2197487  | 25.0         | 22.8           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 96  | 4024592  | 25.0         | 24.9           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.060        | 0.001         | 97  | 1371335  | 25.0         | 25.8           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 99  | 7621052  | 25.0         | 25.3           |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.182    | 11.189        | -0.007        | 100 | 5852696  | 50.0         | 51.0           |       |
| S 118 Xylenes, Total               | 106 |           |               |               | 0   |          |              | 76.9           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97 | 2808980  | 25.0         | 25.9           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 95 | 4508023  | 25.0         | 25.8           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 97 | 627770   | 25.0         | 29.0           |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 96 | 6756743  | 25.0         | 25.4           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 91 | 706803   | 10.0         | 9.93           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.079    | 12.079        | 0.000         | 92 | 985125   | 25.0         | 25.4           |       |
| 128 Bromobenzene                   | 156 | 12.085    | 12.091        | -0.006        | 95 | 1601513  | 25.0         | 25.4           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.103        | 0.000         | 90 | 2786924  | 250.0        | 263.7          |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.121    | 12.121        | 0.000         | 80 | 255677   | 25.0         | 26.3           |       |
| 131 N-Propylbenzene                | 91  | 12.164    | 12.164        | 0.000         | 99 | 8983978  | 25.0         | 25.6           |       |
| 132 2-Chlorotoluene                | 126 | 12.237    | 12.237        | 0.000         | 96 | 1722075  | 25.0         | 25.7           |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.304    | 12.304        | 0.000         | 94 | 6334320  | 25.0         | 25.8           |       |
| 134 4-Chlorotoluene                | 126 | 12.329    | 12.329        | 0.000         | 98 | 1765816  | 25.0         | 26.2           |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 93 | 1436811  | 25.0         | 26.5           |       |
| 136 Pentachloroethane              | 167 | 12.572    | 12.572        | 0.000         | 94 | 1074097  | 25.0         | 30.1           |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.585    | 12.585        | 0.000         | 98 | 6530111  | 25.0         | 26.2           |       |
| 138 sec-Butylbenzene               | 105 | 12.707    | 12.707        | 0.000         | 97 | 8179372  | 25.0         | 25.9           |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.804    | 12.804        | 0.000         | 98 | 3317384  | 25.0         | 26.3           |       |
| 140 4-Isopropyltoluene             | 119 | 12.822    | 12.822        | 0.000         | 97 | 7101704  | 25.0         | 26.2           |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 94 | 787338   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 94 | 3287920  | 25.0         | 25.3           |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.889    | 12.889        | 0.000         | 99 | 2703402  | 25.0         | 25.8           |       |
| 144 Benzyl chloride                | 126 | 12.957    | 12.956        | 0.001         | 99 | 435250   | 25.0         | 28.5           |       |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 95 | 4255565  | 25.0         | 26.8           |       |
| 146 n-Butylbenzene                 | 92  | 13.115    | 13.115        | 0.000         | 98 | 3507357  | 25.0         | 27.5           |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.139    | 13.139        | 0.000         | 98 | 2874314  | 25.0         | 26.2           |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 | 13.688    | 13.688        | 0.000         | 87 | 141763   | 25.0         | 27.5           |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.816    | 13.816        | 0.000         | 98 | 2484502  | 25.0         | 26.9           |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.237    | 14.237        | 0.000         | 94 | 2007740  | 25.0         | 27.1           |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 96 | 995050   | 25.0         | 27.2           |       |
| 153 Naphthalene                    | 128 | 14.414    | 14.414        | 0.000         | 97 | 3199809  | 25.0         | 26.4           |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.554    | 14.560        | -0.006        | 96 | 1671921  | 25.0         | 27.5           |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

### Reagents:

MSV\_LL\_#1\_826\_00171

Amount Added: 25.00

Units: uL

MSV\_LL\_GAS826\_00279

Amount Added: 25.00

Units: uL

MSV\_LL\_#2\_826\_00185

Amount Added: 25.00

Units: uL

MSV\_LLcentISS\_00016

Amount Added: 5.00

Units: uL

Run Reagent

Chrom Revision: 2.3 14-Jul-2025 13:55:14

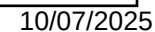
Operator ID: qaw91131

Worklist Smp#: 21

ALS Bottle#: 20

Limit Group: MSV - 8260C D

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

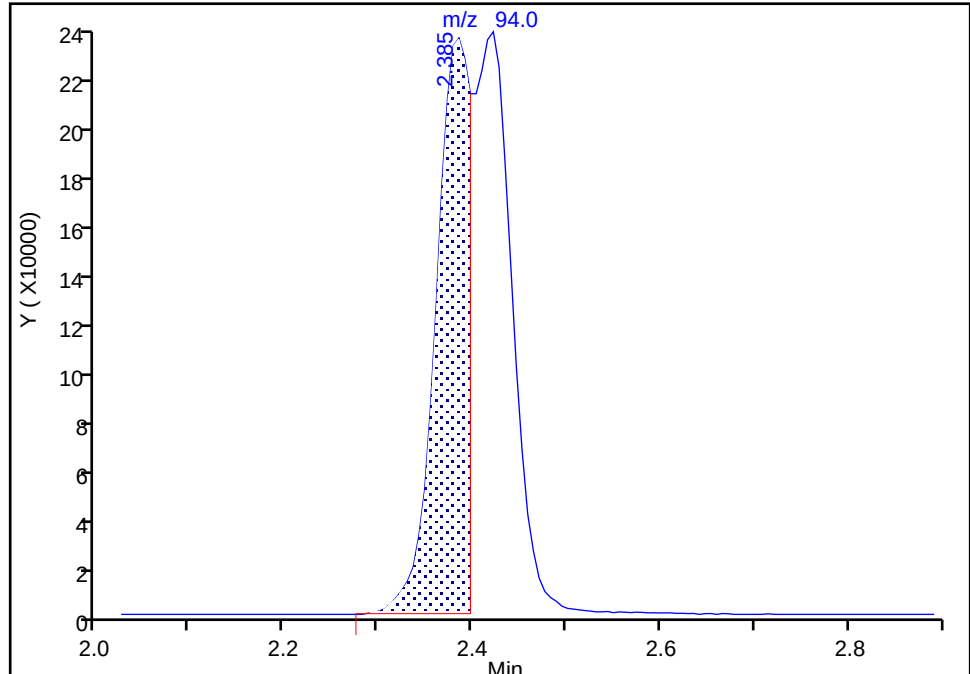
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
Injection Date: 09-Jul-2025 07:02:30 Instrument ID: 19094  
Lims ID: IC std9 25  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

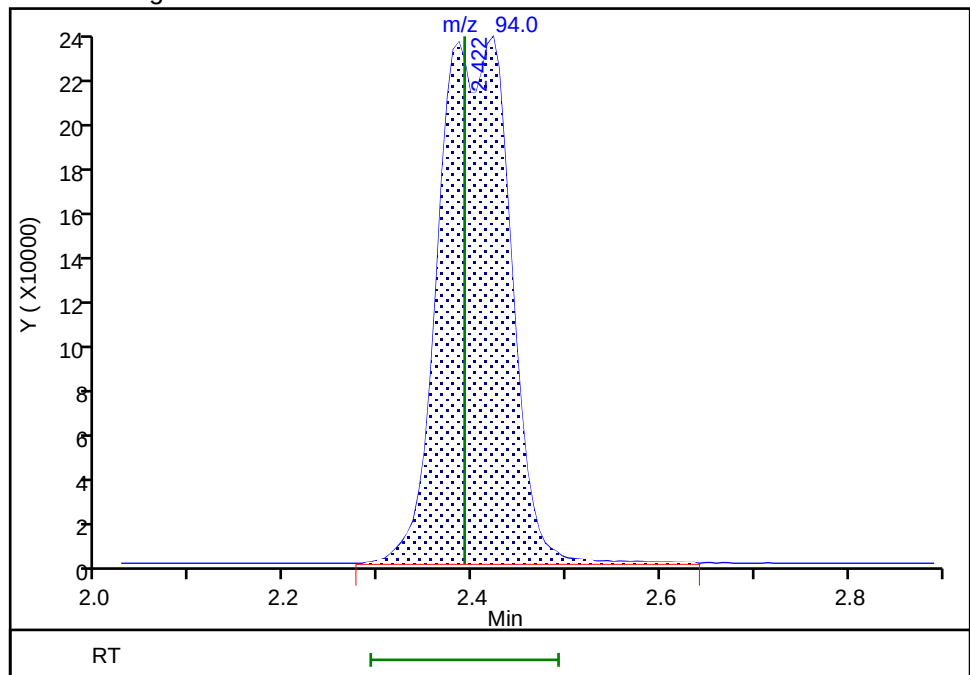
RT: 2.39  
Area: 599946  
Amount: 9.252087  
Amount Units: ug/l

## Processing Integration Results



RT: 2.42  
Area: 1242644  
Amount: 22.749344  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:35:44 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

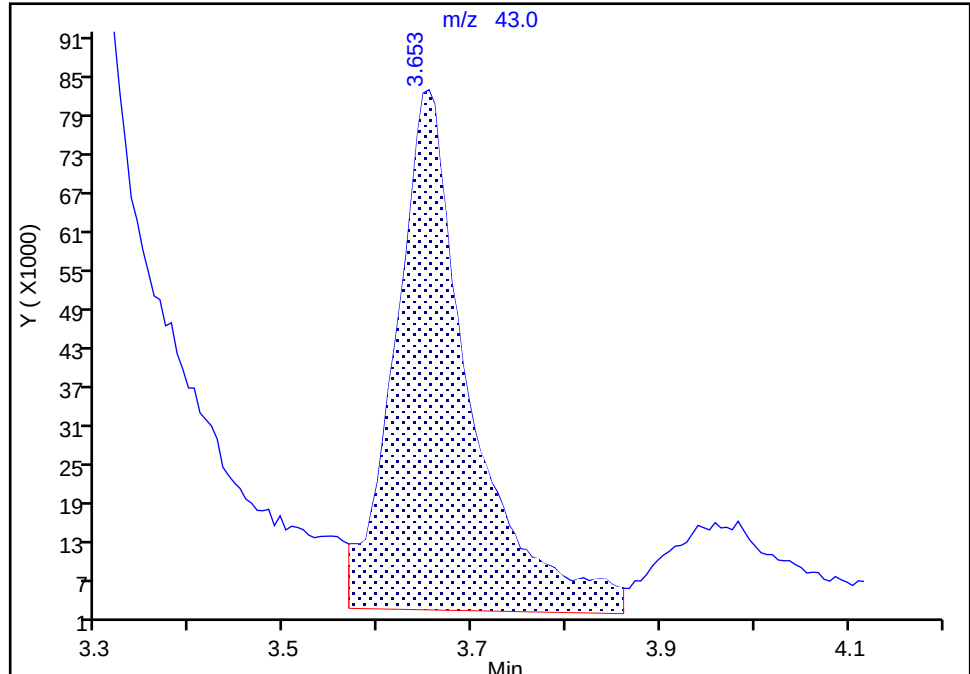
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
Injection Date: 09-Jul-2025 07:02:30 Instrument ID: 19094  
Lims ID: IC std9 25  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

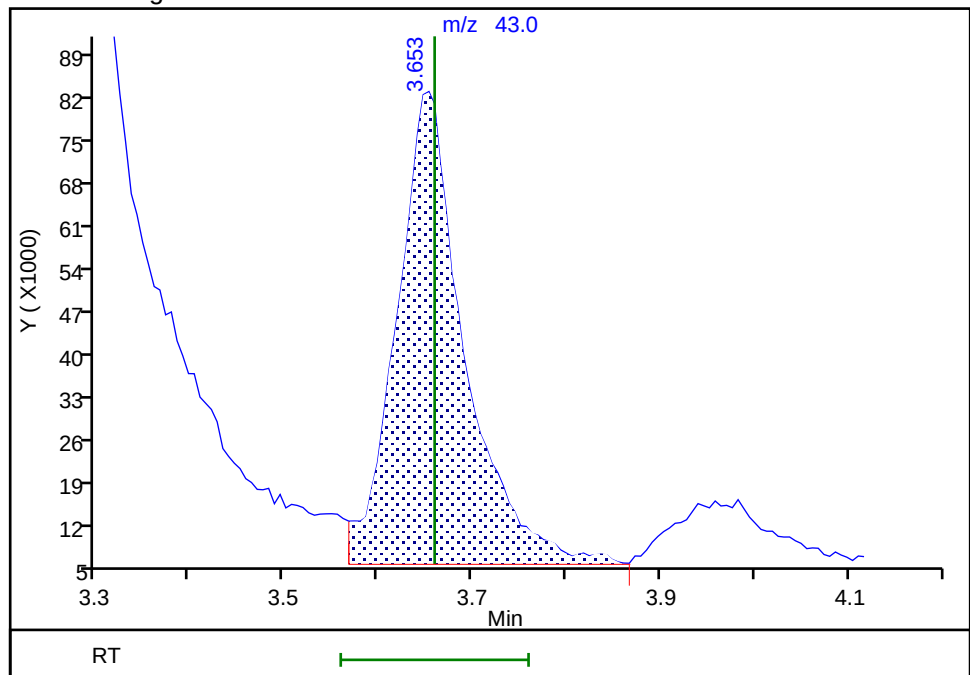
RT: 3.65  
Area: 452007  
Amount: 23.229437  
Amount Units: ug/l

## Processing Integration Results



RT: 3.65  
Area: 386860  
Amount: 27.609637  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 01:36:18 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

## Calibration

/ Dichlorodifluoromethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

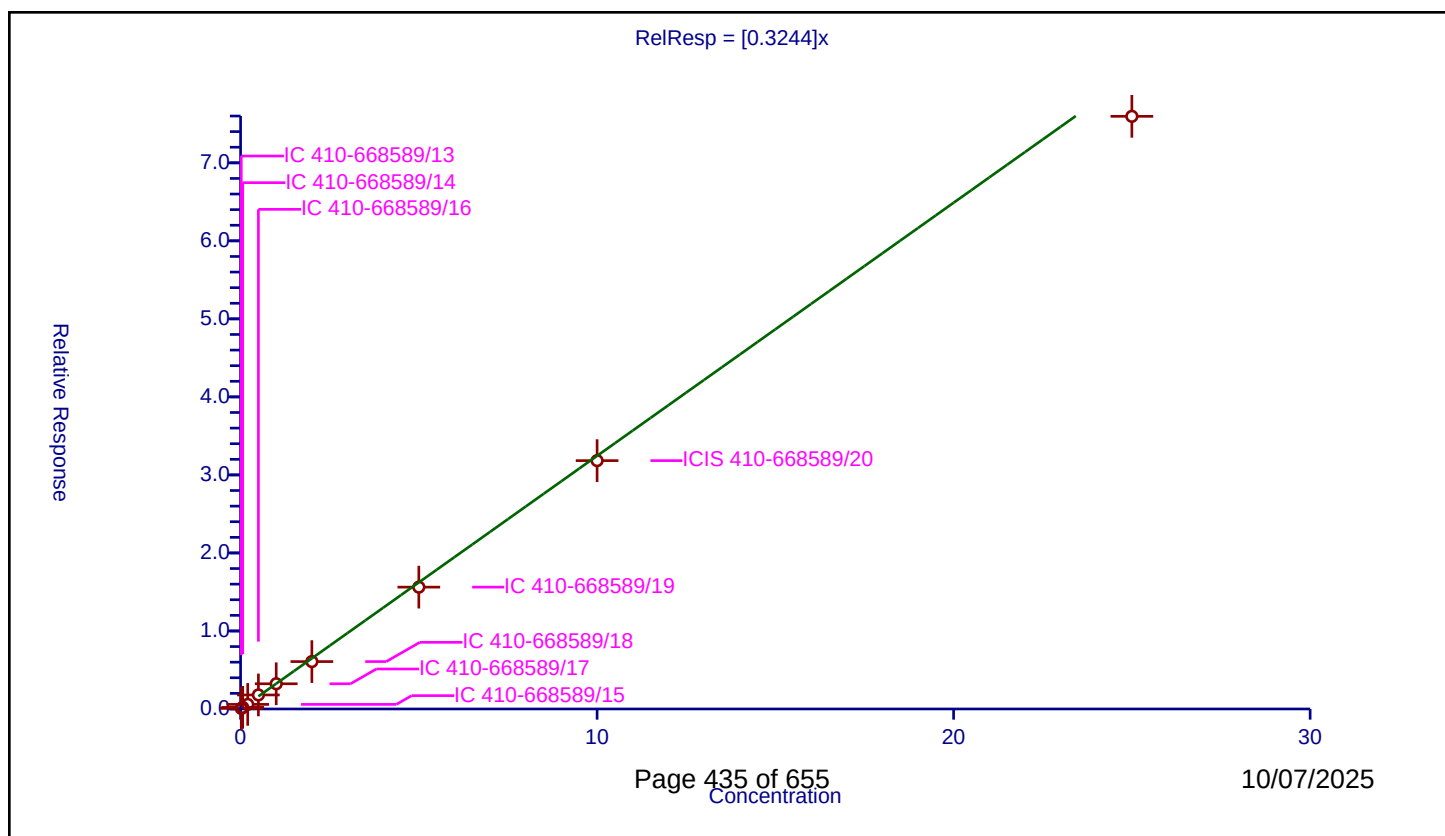
## Curve Coefficients

Intercept: 0  
Slope: 0.3244

## Error Coefficients

Relative Standard Deviation: 7.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.00714    | 10.0      | 1832045.0   | 0.356978 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.020838   | 10.0      | 1831280.0   | 0.347298 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.058903   | 10.0      | 1849831.0   | 0.294513 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.179792   | 10.0      | 1860146.0   | 0.359585 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.323107   | 10.0      | 1893953.0   | 0.323107 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.607563   | 10.0      | 1918847.0   | 0.303781 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.561801   | 10.0      | 1935362.0   | 0.31236  | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.183311   | 10.0      | 1961552.0   | 0.318331 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 7.595837   | 10.0      | 1984911.0   | 0.303833 | Y    |



## Calibration

/ Chloromethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

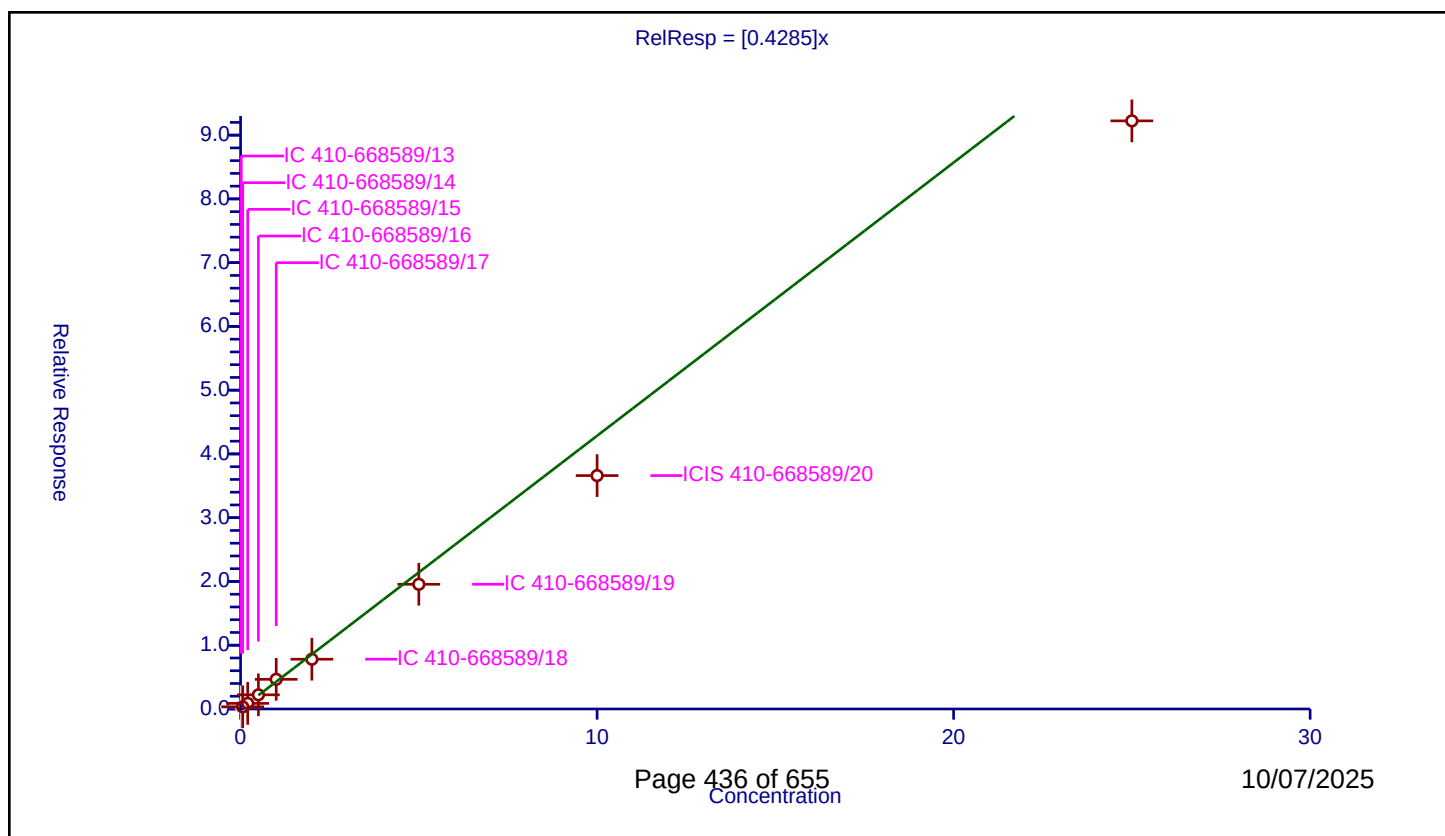
## Curve Coefficients

Intercept: 0  
Slope: 0.4285

## Error Coefficients

Relative Standard Deviation: 15.1

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.032625   | 10.0      | 1832045.0   | 1.631237 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.033605   | 10.0      | 1831280.0   | 0.560082 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.088219   | 10.0      | 1849831.0   | 0.441094 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.222488   | 10.0      | 1860146.0   | 0.444976 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.465149   | 10.0      | 1893953.0   | 0.465149 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.780807   | 10.0      | 1918847.0   | 0.390404 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.955836   | 10.0      | 1935362.0   | 0.391167 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.660423   | 10.0      | 1961552.0   | 0.366042 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 9.223728   | 10.0      | 1984911.0   | 0.368949 | Y    |





## Calibration

/ Butadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

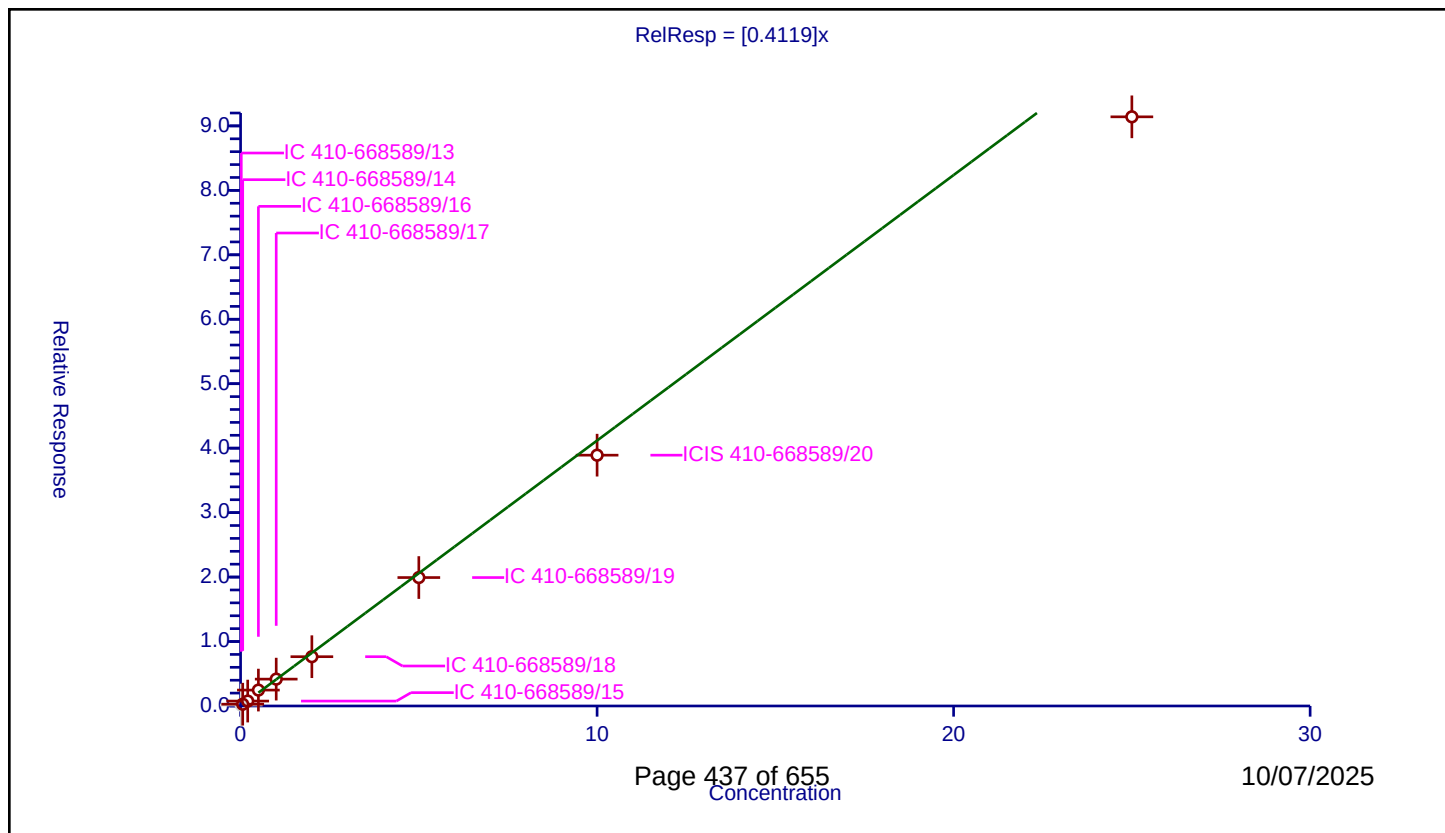
## Curve Coefficients

Intercept: 0  
Slope: 0.4119

## Error Coefficients

Relative Standard Deviation: 11.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.014596   | 10.0      | 1832045.0   | 0.729786 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.028024   | 10.0      | 1831280.0   | 0.467069 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.076375   | 10.0      | 1849831.0   | 0.381873 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.246755   | 10.0      | 1860146.0   | 0.49351  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.416747   | 10.0      | 1893953.0   | 0.416747 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.764756   | 10.0      | 1918847.0   | 0.382378 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.992924   | 10.0      | 1935362.0   | 0.398585 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.891235   | 10.0      | 1961552.0   | 0.389124 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 9.140919   | 10.0      | 1984911.0   | 0.365637 | Y    |



## Calibration

/ Vinyl chloride

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

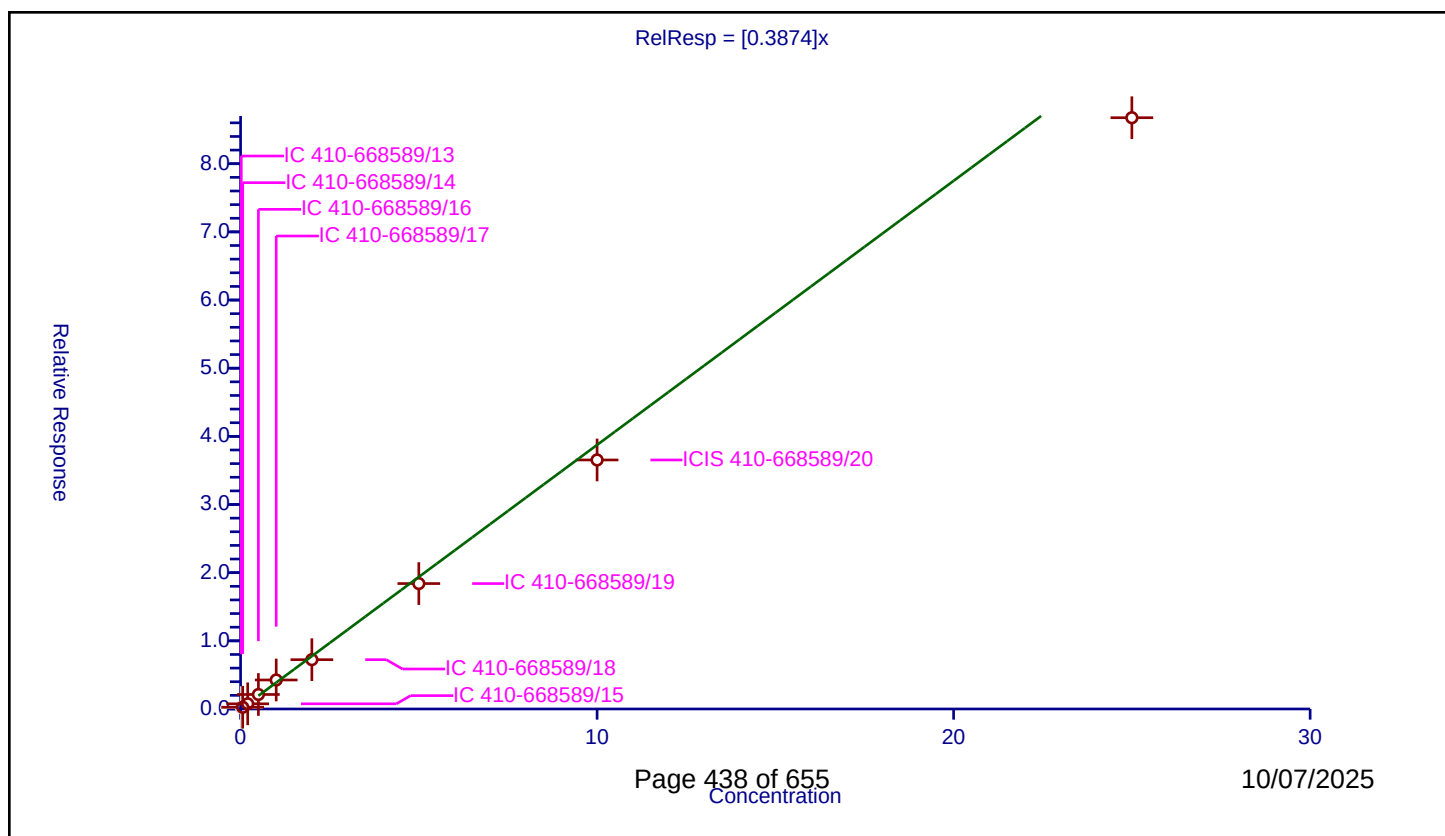
## Curve Coefficients

Intercept: 0  
Slope: 0.3874

## Error Coefficients

Relative Standard Deviation: 8.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.020551   | 10.0      | 1832045.0   | 1.02754  | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.025638   | 10.0      | 1831280.0   | 0.427297 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.07592    | 10.0      | 1849831.0   | 0.379602 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.212516   | 10.0      | 1860146.0   | 0.425031 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.425327   | 10.0      | 1893953.0   | 0.425327 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.723773   | 10.0      | 1918847.0   | 0.361887 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.840364   | 10.0      | 1935362.0   | 0.368073 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.653806   | 10.0      | 1961552.0   | 0.365381 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 8.674983   | 10.0      | 1984911.0   | 0.346999 | Y    |



## Calibration

/ Bromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

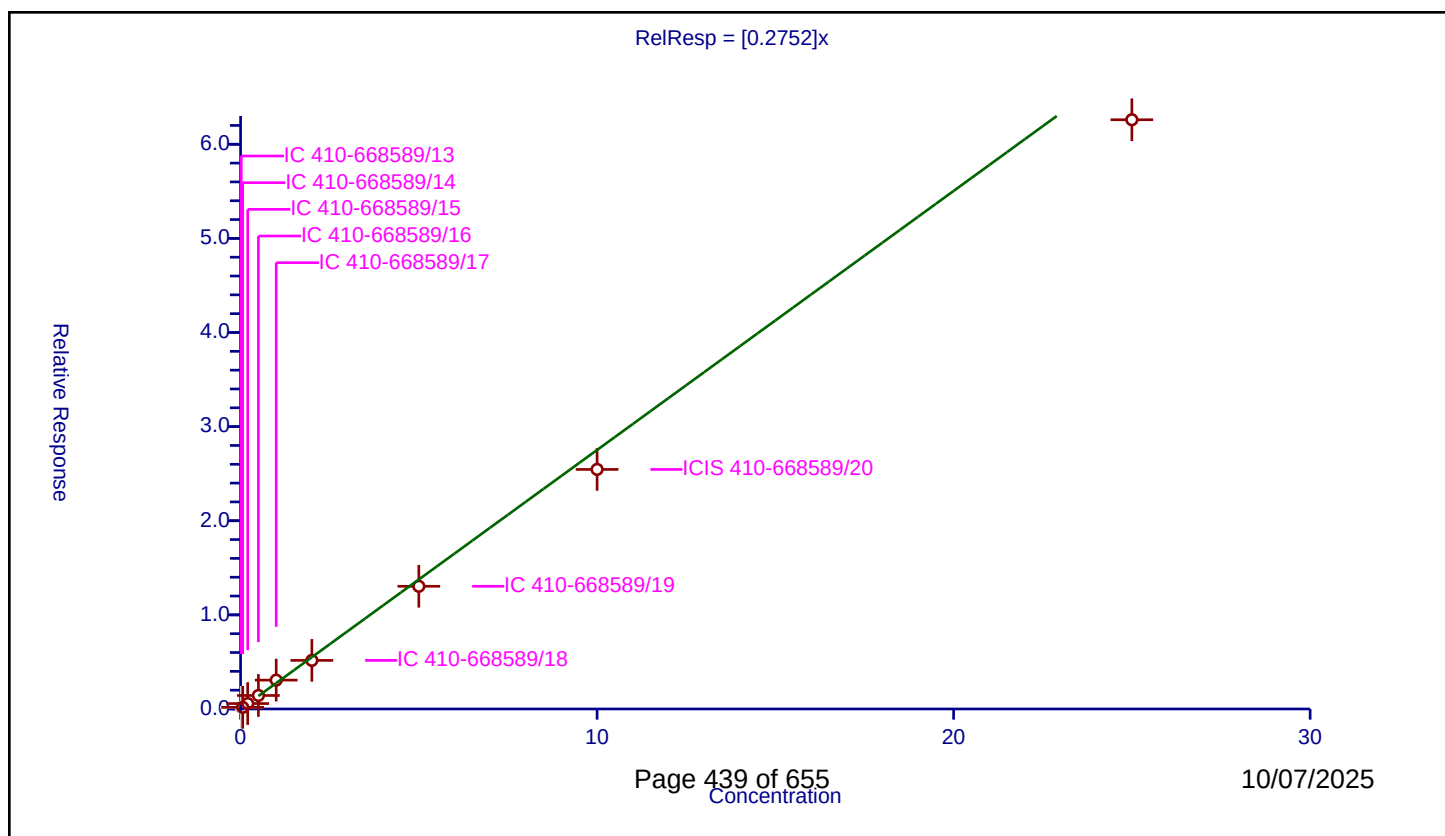
## Curve Coefficients

Intercept: 0  
Slope: 0.2752

## Error Coefficients

Relative Standard Deviation: 7.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.017363   | 10.0      | 1832045.0   | 0.868156 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.017769   | 10.0      | 1831280.0   | 0.29615  | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.057605   | 10.0      | 1849831.0   | 0.288026 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.143397   | 10.0      | 1860146.0   | 0.286795 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.30666    | 10.0      | 1893953.0   | 0.30666  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.516482   | 10.0      | 1918847.0   | 0.258241 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.303648   | 10.0      | 1935362.0   | 0.26073  | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.545214   | 10.0      | 1961552.0   | 0.254521 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 6.260452   | 10.0      | 1984911.0   | 0.250418 | Y    |



# Calibration

/ Chloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

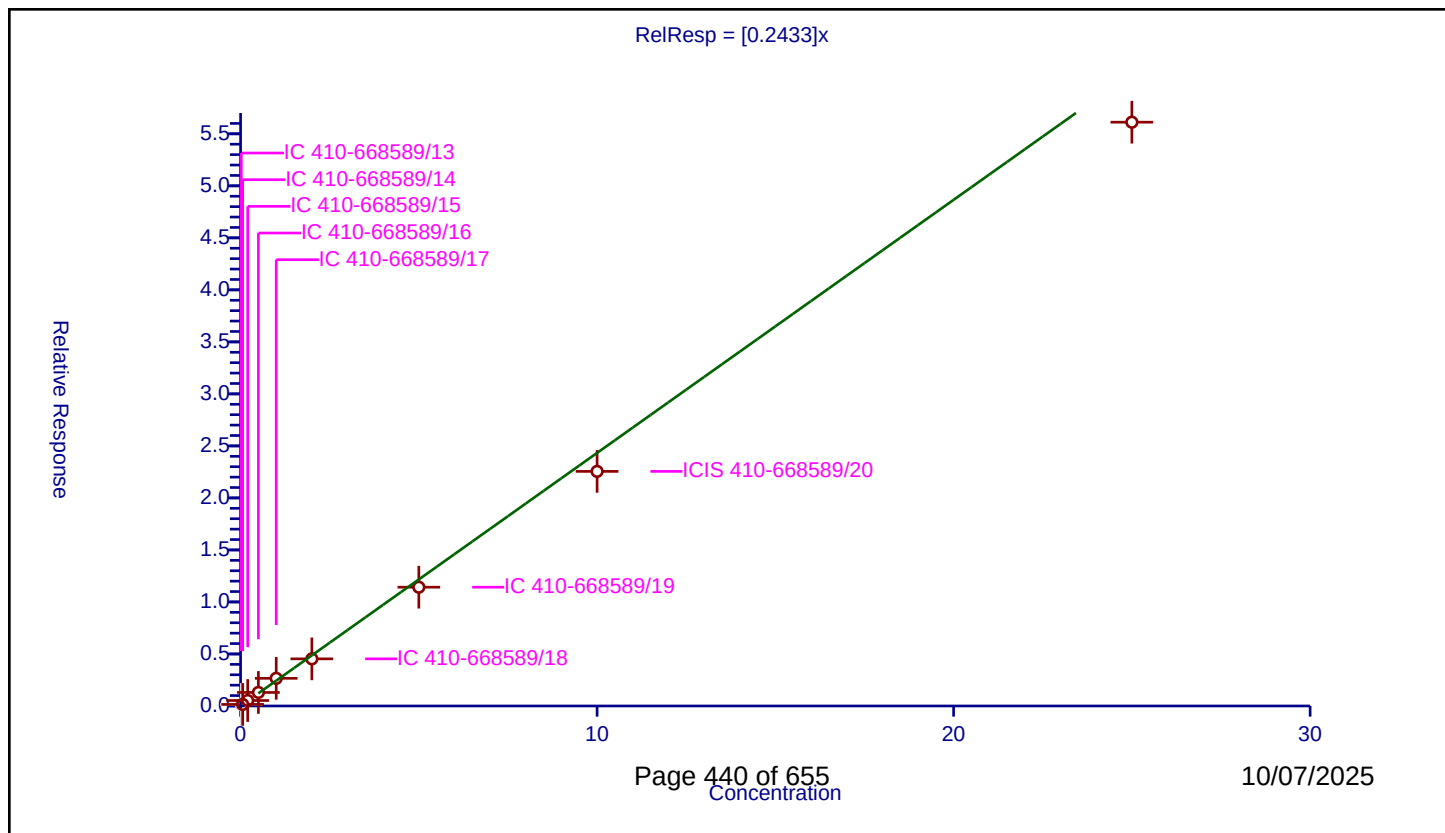
## Curve Coefficients

Intercept: 0  
Slope: 0.2433

## Error Coefficients

Relative Standard Deviation: 7.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.014689   | 10.0      | 1832045.0   | 0.734425 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.015121   | 10.0      | 1831280.0   | 0.25201  | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.052594   | 10.0      | 1849831.0   | 0.26297  | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.130183   | 10.0      | 1860146.0   | 0.260367 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.265962   | 10.0      | 1893953.0   | 0.265962 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.45298    | 10.0      | 1918847.0   | 0.22649  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.141802   | 10.0      | 1935362.0   | 0.22836  | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.255133   | 10.0      | 1961552.0   | 0.225513 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 5.611778   | 10.0      | 1984911.0   | 0.224471 | Y    |



## Calibration

/ Dichlorofluoromethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

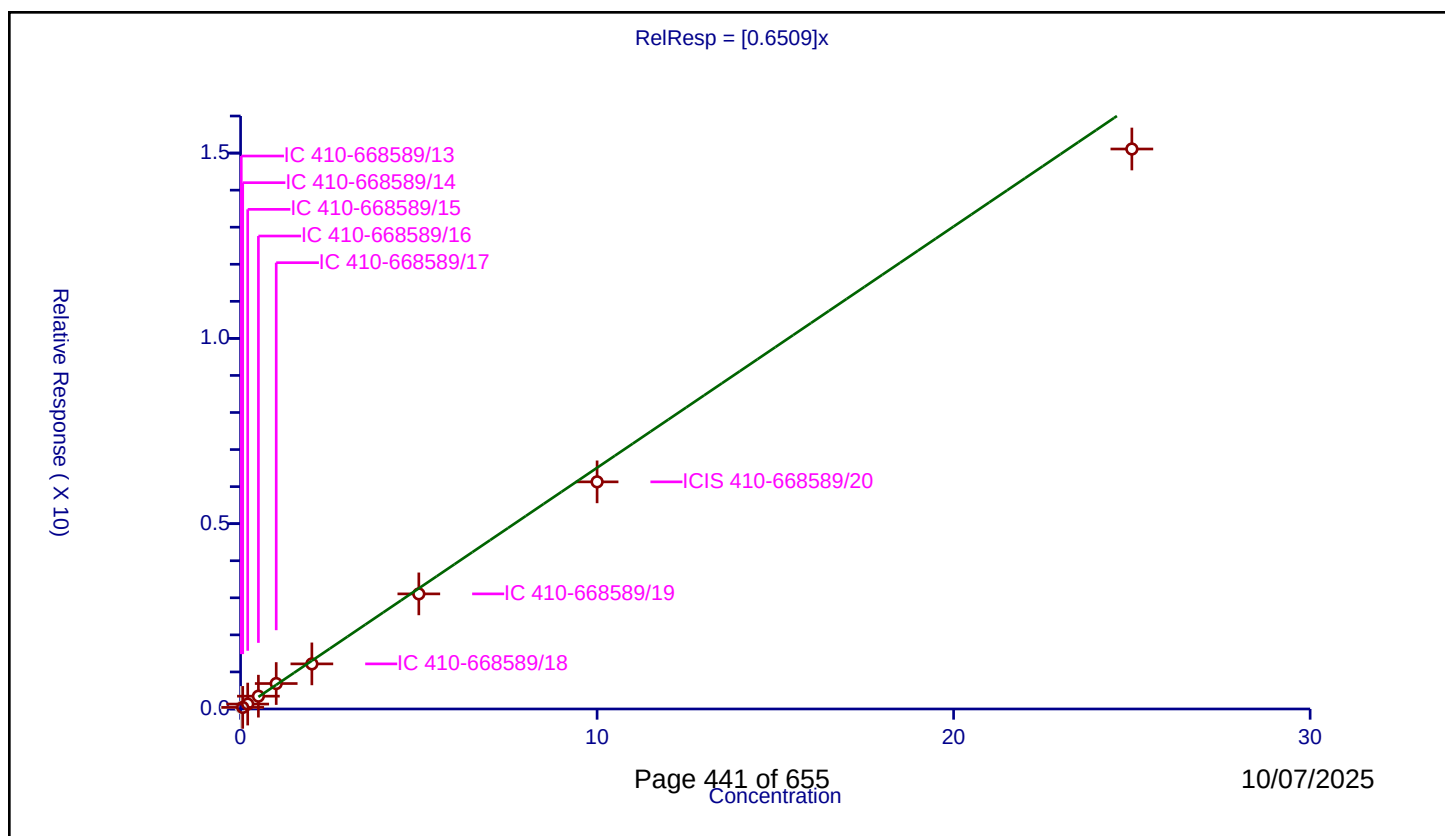
## Curve Coefficients

Intercept: 0  
Slope: 0.6509

## Error Coefficients

Relative Standard Deviation: 6.9

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.04156    | 10.0      | 1832045.0   | 2.078006 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.043161   | 10.0      | 1831280.0   | 0.719351 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.132688   | 10.0      | 1849831.0   | 0.663439 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.345586   | 10.0      | 1860146.0   | 0.691172 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.68648    | 10.0      | 1893953.0   | 0.68648  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.216736   | 10.0      | 1918847.0   | 0.608368 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 3.105905   | 10.0      | 1935362.0   | 0.621181 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 6.128841   | 10.0      | 1961552.0   | 0.612884 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 15.109751  | 10.0      | 1984911.0   | 0.60439  | Y    |



## Calibration

/ Trichlorofluoromethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

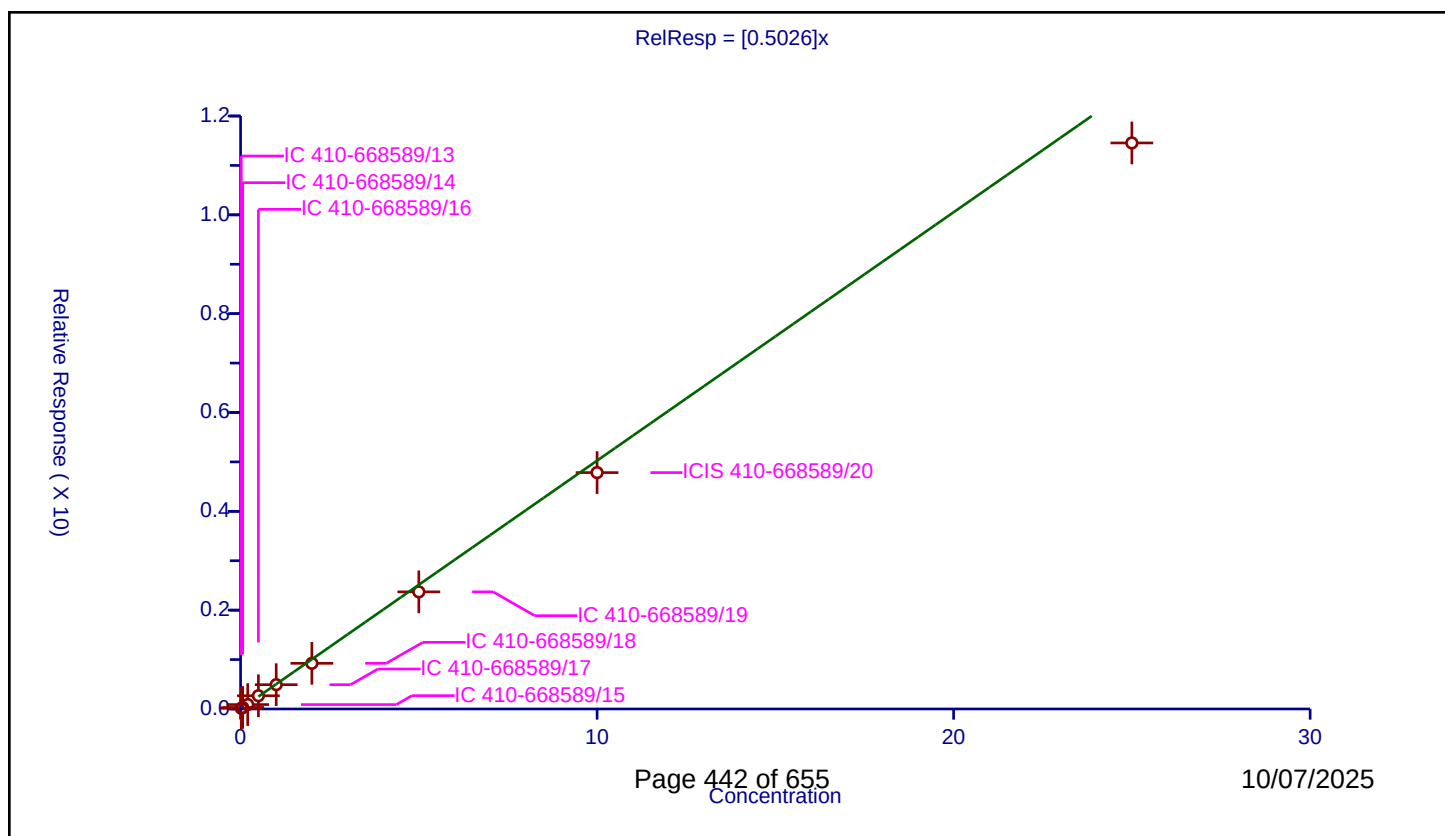
## Curve Coefficients

Intercept: 0  
Slope: 0.5026

## Error Coefficients

Relative Standard Deviation: 12.9

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.013171   | 10.0      | 1832045.0   | 0.658554 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.031033   | 10.0      | 1831280.0   | 0.517216 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.089419   | 10.0      | 1849831.0   | 0.447095 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.268146   | 10.0      | 1860146.0   | 0.536291 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.491828   | 10.0      | 1893953.0   | 0.491828 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.924144   | 10.0      | 1918847.0   | 0.462072 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.370383   | 10.0      | 1935362.0   | 0.474077 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.783697   | 10.0      | 1961552.0   | 0.47837  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 11.45474   | 10.0      | 1984911.0   | 0.45819  | Y    |



## Calibration

/ Ethyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

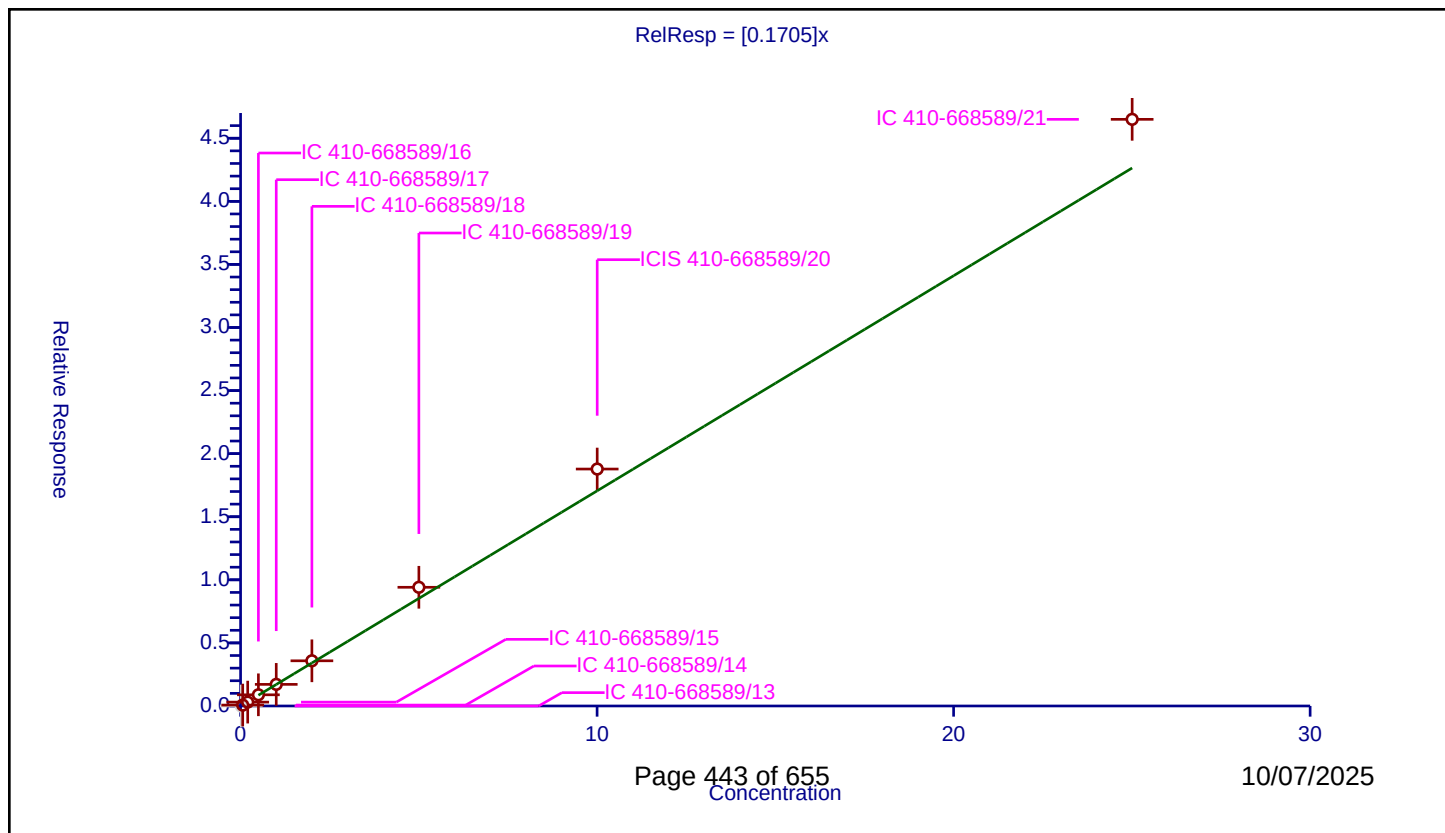
## Curve Coefficients

Intercept: 0  
Slope: 0.1705

## Error Coefficients

Relative Standard Deviation: 13.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.020007      | 0.0        | 10.0      | 1832045.0   | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06002       | 0.007241   | 10.0      | 1831280.0   | 0.120641 | Y    |
| 3  | IC 410-668589/15   | 0.200066      | 0.030781   | 10.0      | 1849831.0   | 0.153855 | Y    |
| 4  | IC 410-668589/16   | 0.500166      | 0.088756   | 10.0      | 1860146.0   | 0.177454 | Y    |
| 5  | IC 410-668589/17   | 1.000332      | 0.171372   | 10.0      | 1893953.0   | 0.171315 | Y    |
| 6  | IC 410-668589/18   | 2.000664      | 0.358189   | 10.0      | 1918847.0   | 0.179035 | Y    |
| 7  | IC 410-668589/19   | 5.00166       | 0.940796   | 10.0      | 1935362.0   | 0.188097 | Y    |
| 8  | ICIS 410-668589/20 | 10.00332      | 1.878089   | 10.0      | 1961552.0   | 0.187747 | Y    |
| 9  | IC 410-668589/21   | 25.0083       | 4.649982   | 10.0      | 1984911.0   | 0.185938 | Y    |



## Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

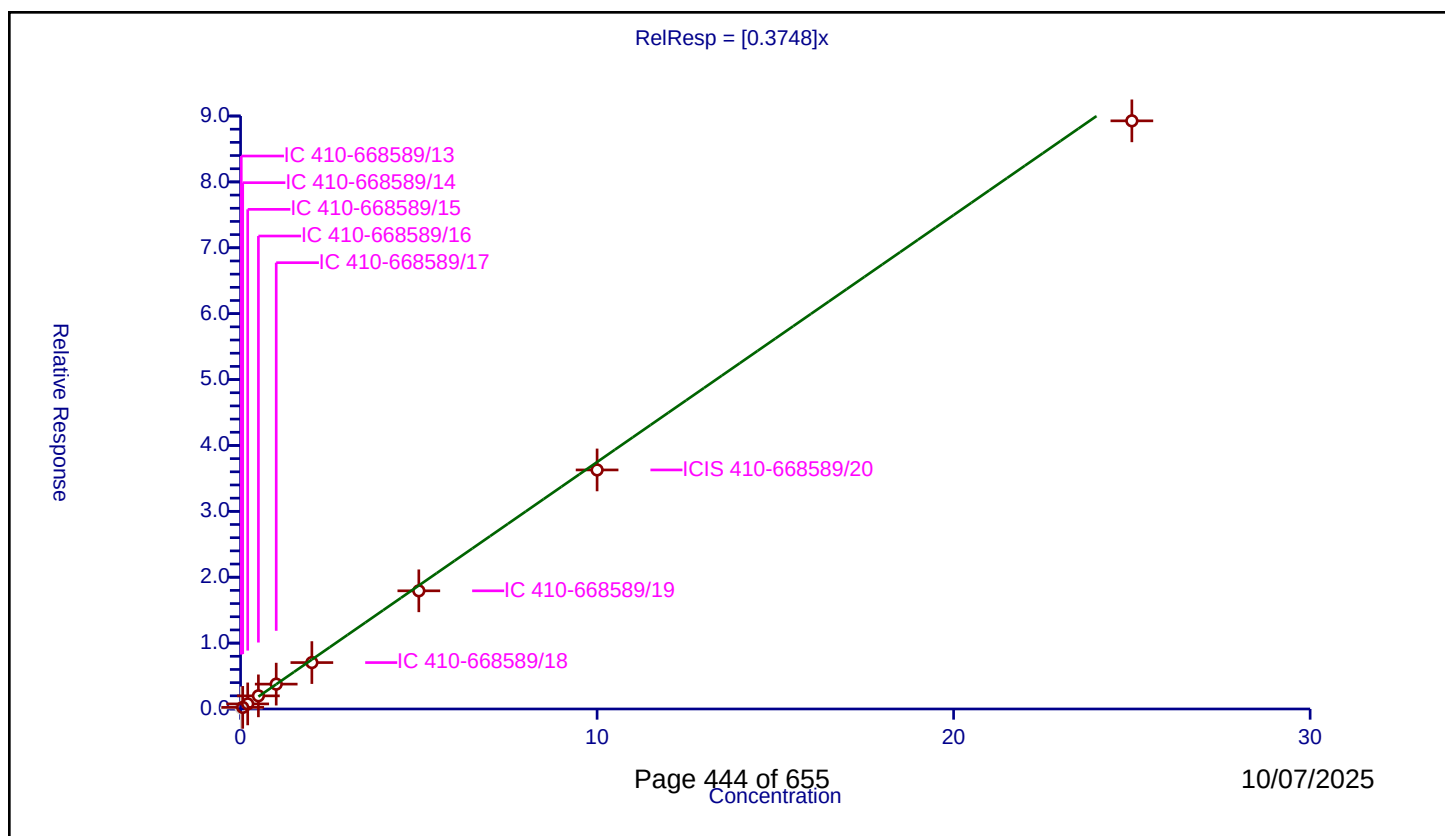
## Curve Coefficients

Intercept: 0  
Slope: 0.3748

## Error Coefficients

Relative Standard Deviation: 5.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.01613    | 10.0      | 1832045.0   | 0.806476 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.024371   | 10.0      | 1831280.0   | 0.406182 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.077077   | 10.0      | 1849831.0   | 0.385387 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.199355   | 10.0      | 1860146.0   | 0.398711 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.377549   | 10.0      | 1893953.0   | 0.377549 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.704371   | 10.0      | 1918847.0   | 0.352185 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.793597   | 10.0      | 1935362.0   | 0.358719 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.628306   | 10.0      | 1961552.0   | 0.362831 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 8.926577   | 10.0      | 1984911.0   | 0.357063 | Y    |





## Calibration

/ Acrolein

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

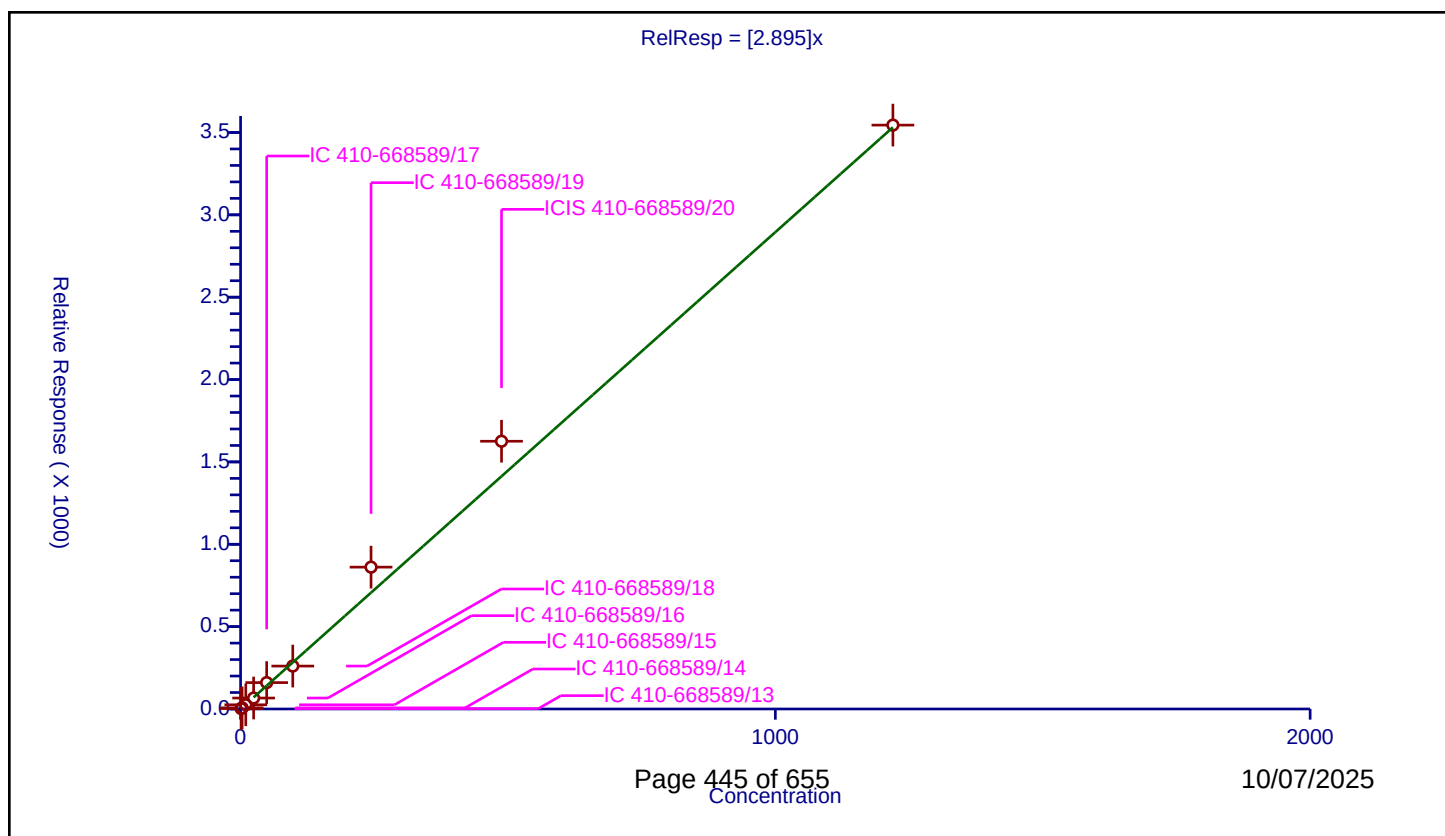
## Curve Coefficients

Intercept: 0  
Slope: 2.895

## Error Coefficients

Relative Standard Deviation: 13.7

| ID | Level              | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.97588       | 2.575177    | 50.0      | 73626.0     | 2.638824 | Y    |
| 2  | IC 410-668589/14   | 2.927641      | 6.917612    | 50.0      | 80230.0     | 2.362862 | Y    |
| 3  | IC 410-668589/15   | 9.758805      | 25.437731   | 50.0      | 83156.0     | 2.606644 | Y    |
| 4  | IC 410-668589/16   | 24.397012     | 66.53503    | 50.0      | 72295.0     | 2.727179 | Y    |
| 5  | IC 410-668589/17   | 48.794025     | 160.119553  | 50.0      | 64825.0     | 3.28154  | Y    |
| 6  | IC 410-668589/18   | 97.588049     | 260.601347  | 50.0      | 87437.0     | 2.670423 | Y    |
| 7  | IC 410-668589/19   | 243.970123    | 861.155963  | 50.0      | 71966.0     | 3.52976  | Y    |
| 8  | ICIS 410-668589/20 | 487.940246    | 1625.540052 | 50.0      | 75826.0     | 3.331433 | Y    |
| 9  | IC 410-668589/21   | 1219.850614   | 3544.751385 | 50.0      | 82517.0     | 2.90589  | Y    |



## Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

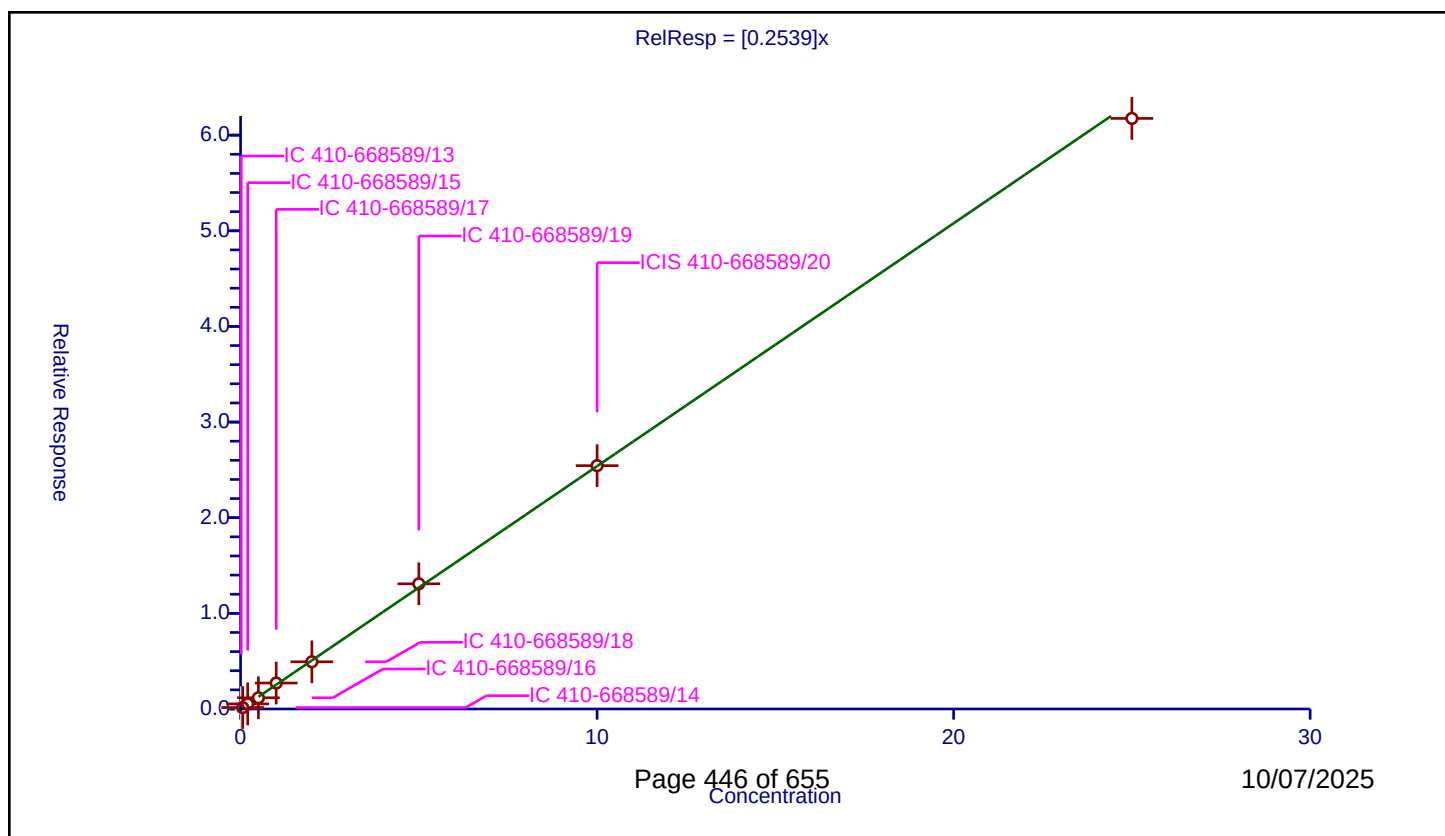
## Curve Coefficients

Intercept: 0  
Slope: 0.2539

## Error Coefficients

Relative Standard Deviation: 4.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.013226   | 10.0      | 1832045.0   | 0.661283 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.014913   | 10.0      | 1831280.0   | 0.248551 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.053389   | 10.0      | 1849831.0   | 0.266943 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.117249   | 10.0      | 1860146.0   | 0.234498 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.271316   | 10.0      | 1893953.0   | 0.271316 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.493463   | 10.0      | 1918847.0   | 0.246732 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.308928   | 10.0      | 1935362.0   | 0.261786 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.544251   | 10.0      | 1961552.0   | 0.254425 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 6.174846   | 10.0      | 1984911.0   | 0.246994 | Y    |



## Calibration

/ Acetone

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

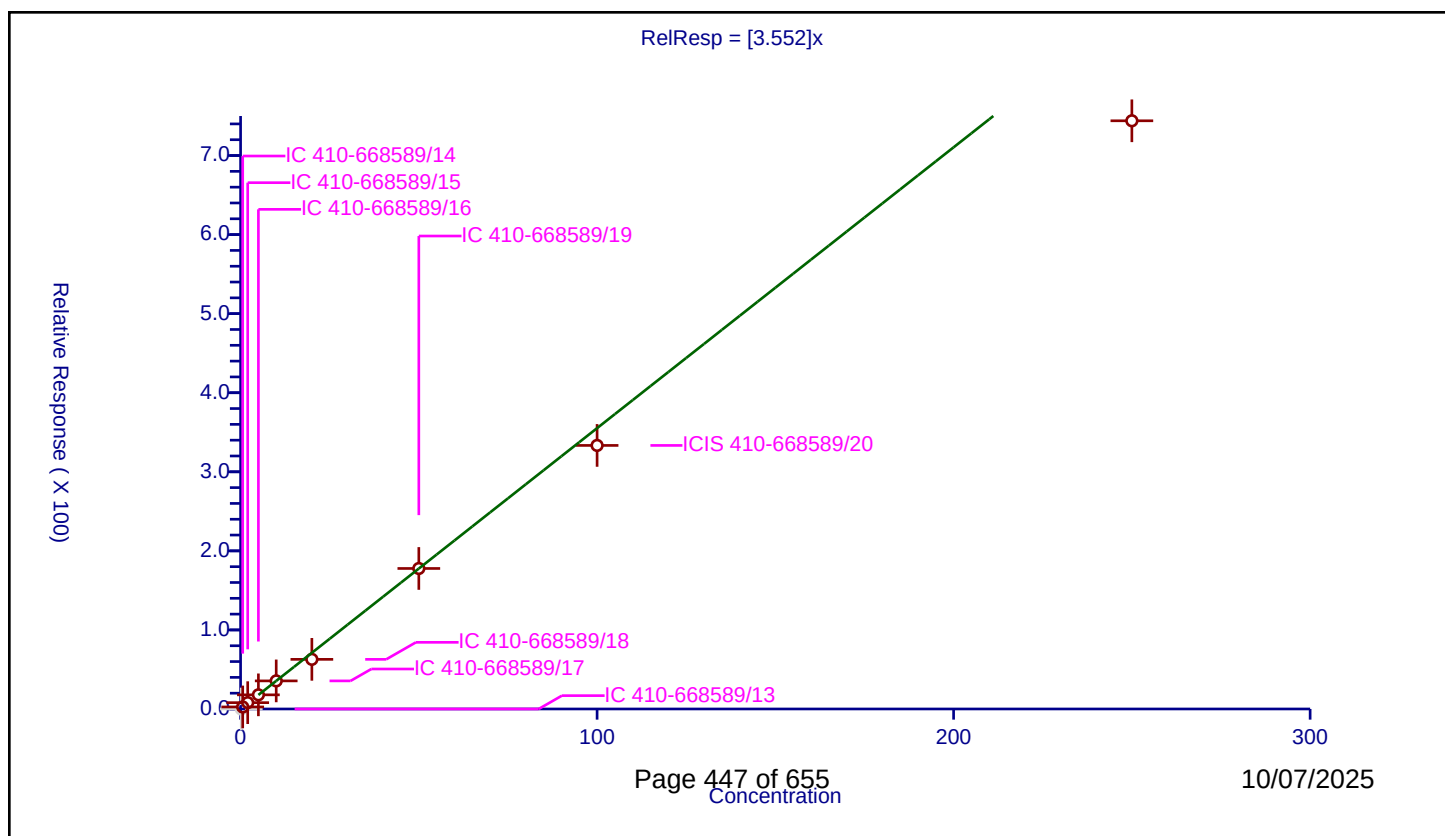
## Curve Coefficients

Intercept: 0  
Slope: 3.552

## Error Coefficients

Relative Standard Deviation: 12.1

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.2           | 0.0        | 50.0      | 73626.0     | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.6           | 2.571357   | 50.0      | 80230.0     | 4.285596 | Y    |
| 3  | IC 410-668589/15   | 2.0           | 7.996416   | 50.0      | 83156.0     | 3.998208 | Y    |
| 4  | IC 410-668589/16   | 5.0           | 17.89197   | 50.0      | 72295.0     | 3.578394 | Y    |
| 5  | IC 410-668589/17   | 10.0          | 35.51639   | 50.0      | 64825.0     | 3.551639 | Y    |
| 6  | IC 410-668589/18   | 20.0          | 62.784634  | 50.0      | 87437.0     | 3.139232 | Y    |
| 7  | IC 410-668589/19   | 50.0          | 177.714476 | 50.0      | 71966.0     | 3.55429  | Y    |
| 8  | ICIS 410-668589/20 | 100.0         | 333.338169 | 50.0      | 75826.0     | 3.333382 | Y    |
| 9  | IC 410-668589/21   | 250.0         | 743.96185  | 50.0      | 82517.0     | 2.975847 | Y    |



# Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

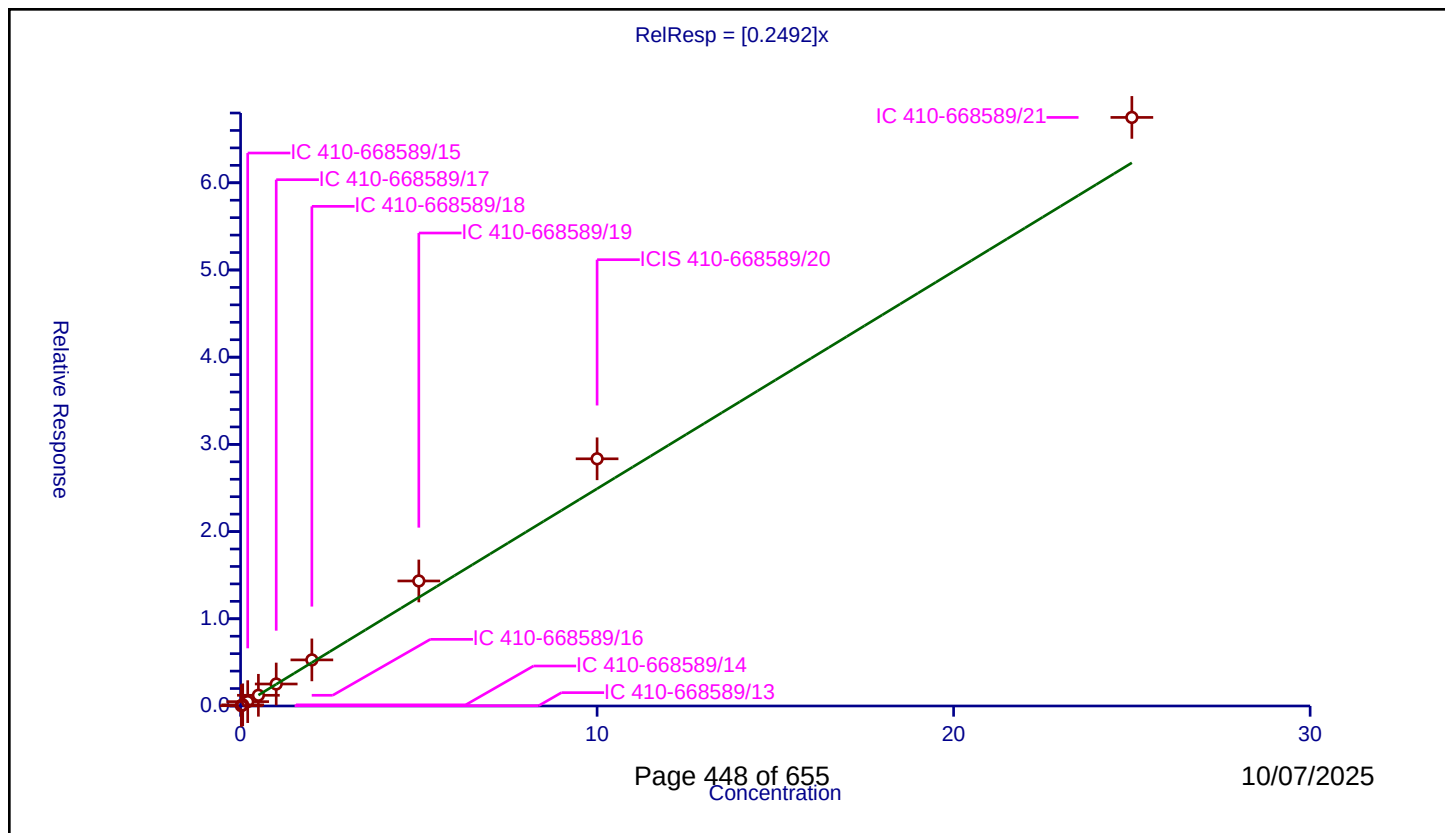
## Curve Coefficients

Intercept: 0  
Slope: 0.2492

## Error Coefficients

Relative Standard Deviation: 14.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.003324   | 10.0      | 1832045.0   | 0.166208 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.013406   | 10.0      | 1831280.0   | 0.223432 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.050118   | 10.0      | 1849831.0   | 0.25059  | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.122786   | 10.0      | 1860146.0   | 0.245572 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.252224   | 10.0      | 1893953.0   | 0.252224 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.528437   | 10.0      | 1918847.0   | 0.264219 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.433644   | 10.0      | 1935362.0   | 0.286729 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.834623   | 10.0      | 1961552.0   | 0.283462 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 6.749612   | 10.0      | 1984911.0   | 0.269984 | Y    |



Calibration

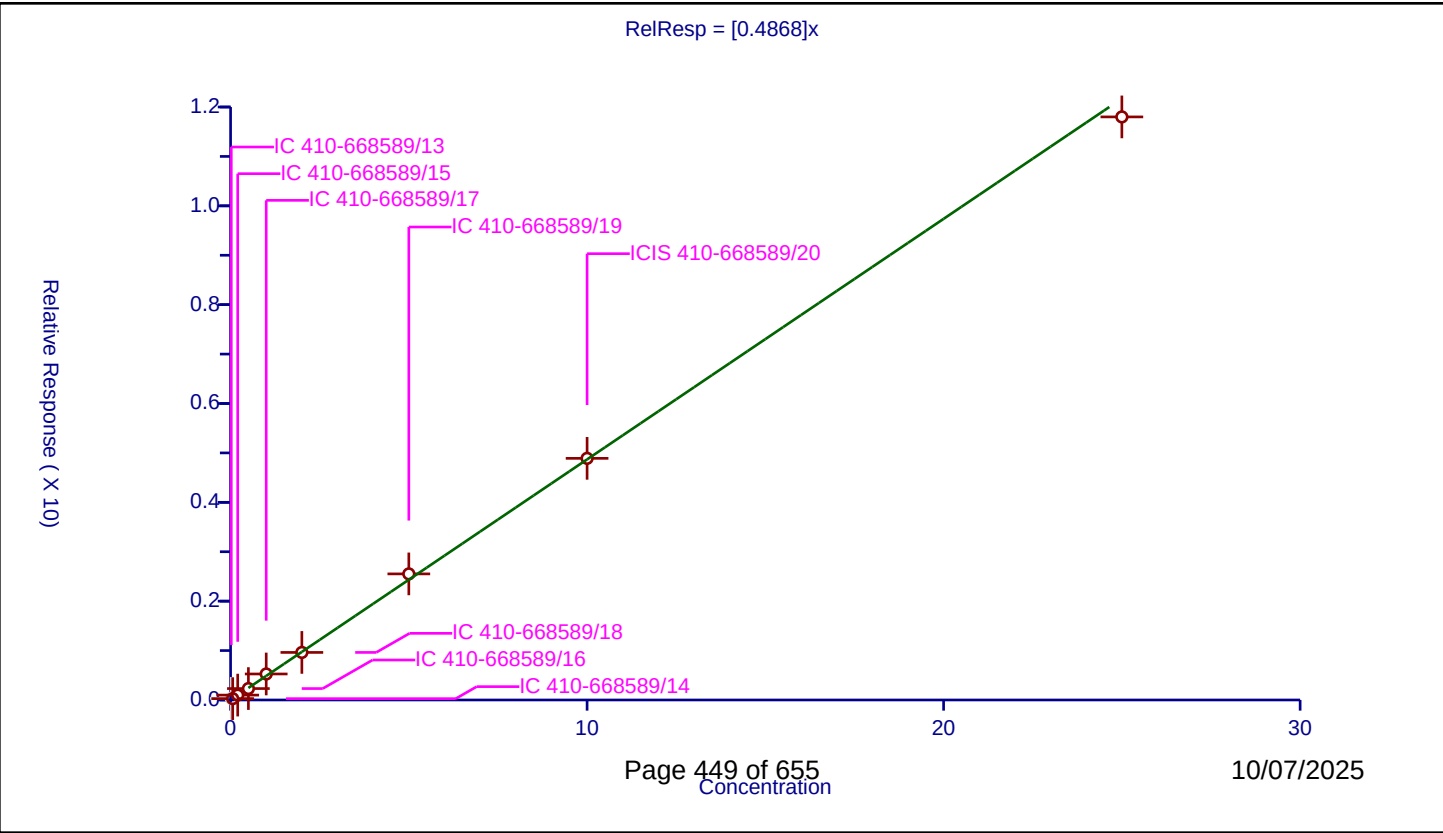
/ Iodomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

| Curve Coefficients |        |
|--------------------|--------|
| Intercept:         | 0      |
| Slope:             | 0.4868 |
| Error Coefficients |        |

Relative Standard Deviation: 4.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.032188   | 10.0      | 1832045.0   | 1.609404 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.027489   | 10.0      | 1831280.0   | 0.458149 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.099096   | 10.0      | 1849831.0   | 0.495478 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.231052   | 10.0      | 1860146.0   | 0.462104 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.52656    | 10.0      | 1893953.0   | 0.52656  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.962317   | 10.0      | 1918847.0   | 0.481159 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.551719   | 10.0      | 1935362.0   | 0.510344 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.889904   | 10.0      | 1961552.0   | 0.48899  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 11.799925  | 10.0      | 1984911.0   | 0.471997 | Y    |



## Calibration

/ Ethyl bromide

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

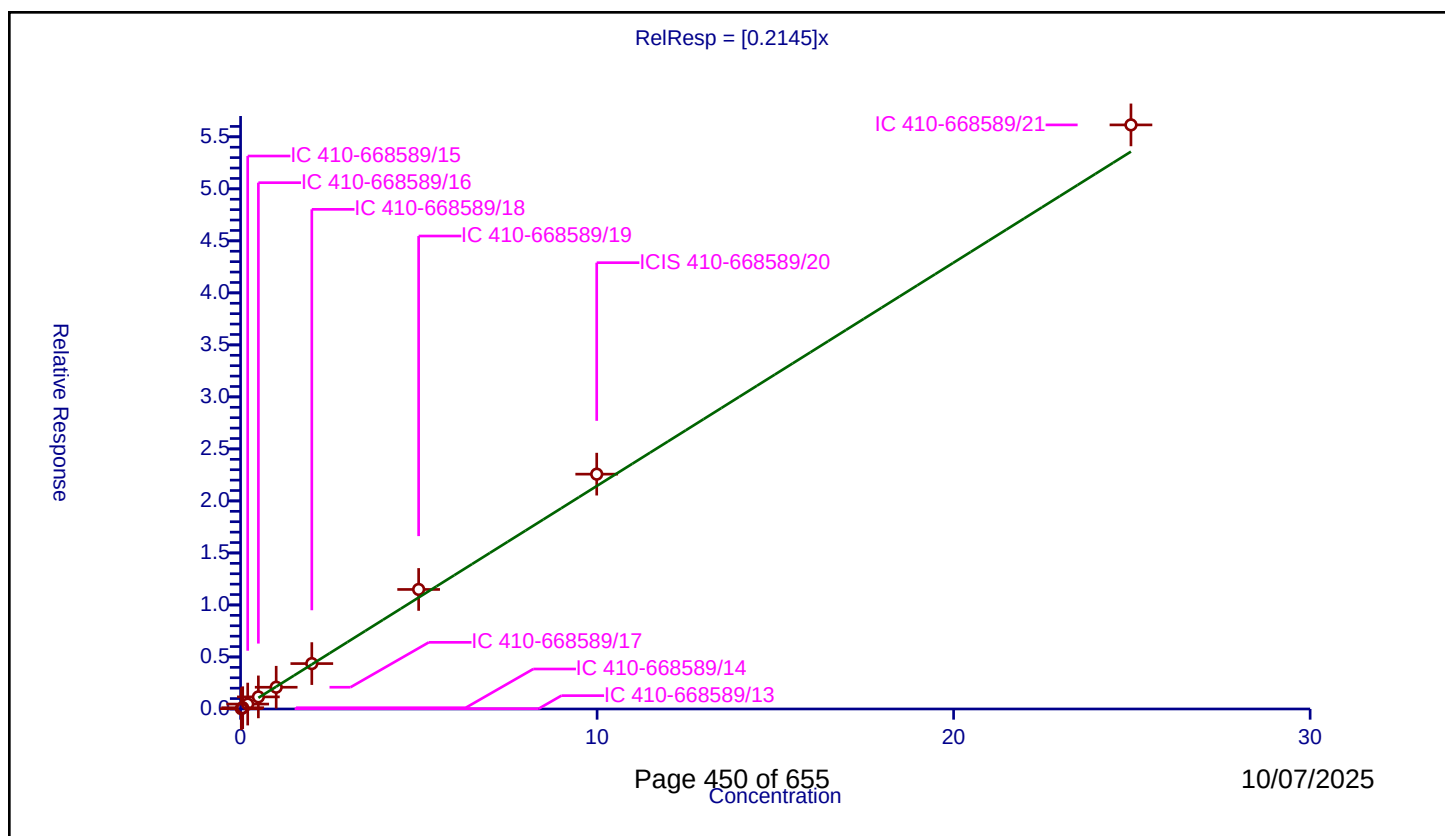
## Curve Coefficients

Intercept: 0  
Slope: 0.2145

## Error Coefficients

Relative Standard Deviation: 12.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.01998       | 0.002991   | 10.0      | 1832045.0   | 0.149713 | Y    |
| 2  | IC 410-668589/14   | 0.059939      | 0.012177   | 10.0      | 1831280.0   | 0.203163 | Y    |
| 3  | IC 410-668589/15   | 0.199795      | 0.047269   | 10.0      | 1849831.0   | 0.236588 | Y    |
| 4  | IC 410-668589/16   | 0.499488      | 0.116222   | 10.0      | 1860146.0   | 0.232682 | Y    |
| 5  | IC 410-668589/17   | 0.998976      | 0.209129   | 10.0      | 1893953.0   | 0.209343 | Y    |
| 6  | IC 410-668589/18   | 1.997952      | 0.43645    | 10.0      | 1918847.0   | 0.218448 | Y    |
| 7  | IC 410-668589/19   | 4.99488       | 1.149036   | 10.0      | 1935362.0   | 0.230043 | Y    |
| 8  | ICIS 410-668589/20 | 9.98976       | 2.257513   | 10.0      | 1961552.0   | 0.225983 | Y    |
| 9  | IC 410-668589/21   | 24.9744       | 5.614665   | 10.0      | 1984911.0   | 0.224817 | Y    |



## Calibration

/ Carbon disulfide

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

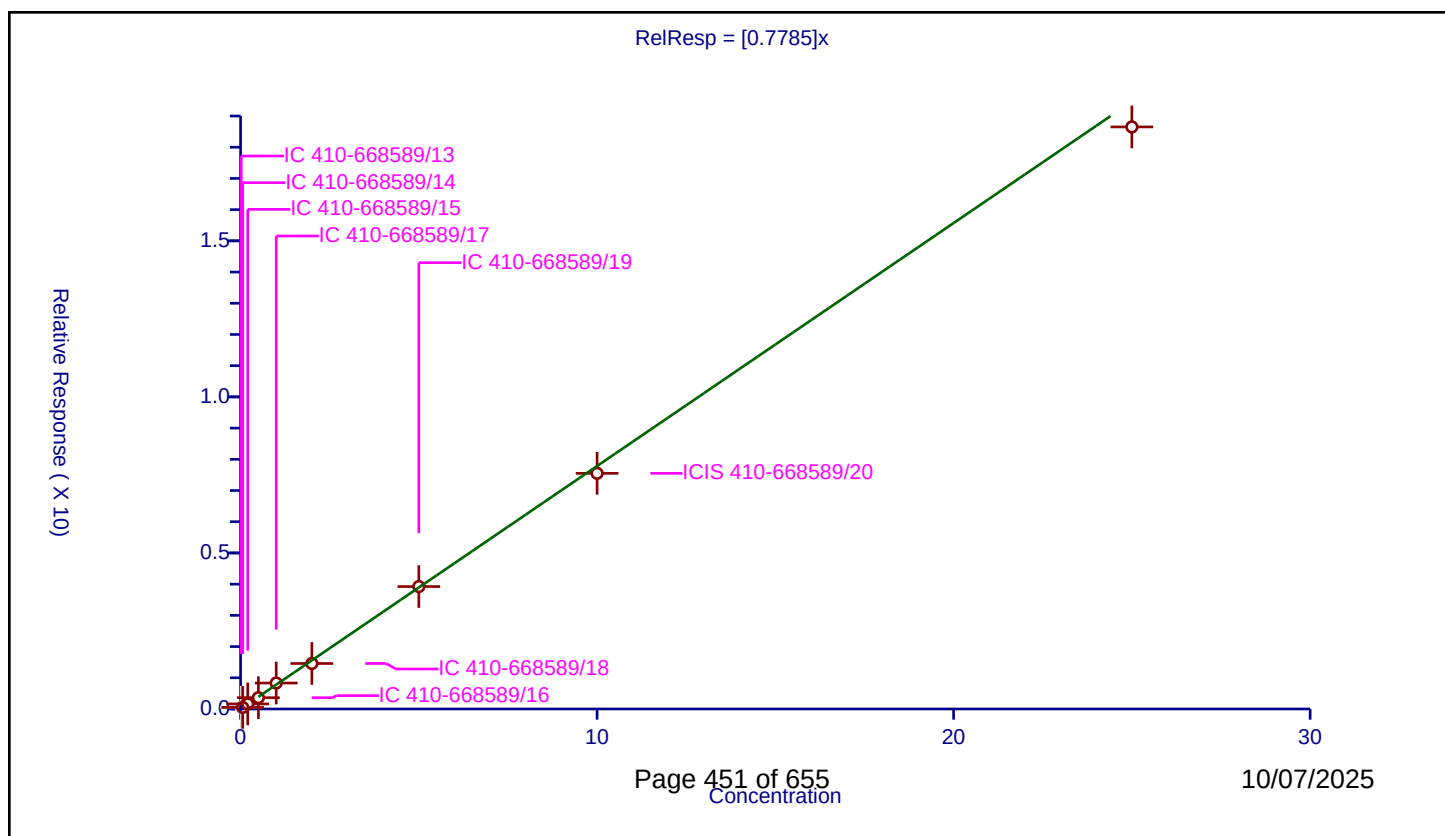
## Curve Coefficients

Intercept: 0  
Slope: 0.7785

## Error Coefficients

Relative Standard Deviation: 6.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.055124   | 10.0      | 1832045.0   | 2.75621  | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.050735   | 10.0      | 1831280.0   | 0.845583 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.161988   | 10.0      | 1849831.0   | 0.809939 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.363052   | 10.0      | 1860146.0   | 0.726104 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.831657   | 10.0      | 1893953.0   | 0.831657 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.458397   | 10.0      | 1918847.0   | 0.729198 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 3.923013   | 10.0      | 1935362.0   | 0.784603 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 7.551296   | 10.0      | 1961552.0   | 0.75513  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 18.650766  | 10.0      | 1984911.0   | 0.746031 | Y    |



## Calibration

/ Methyl acetate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

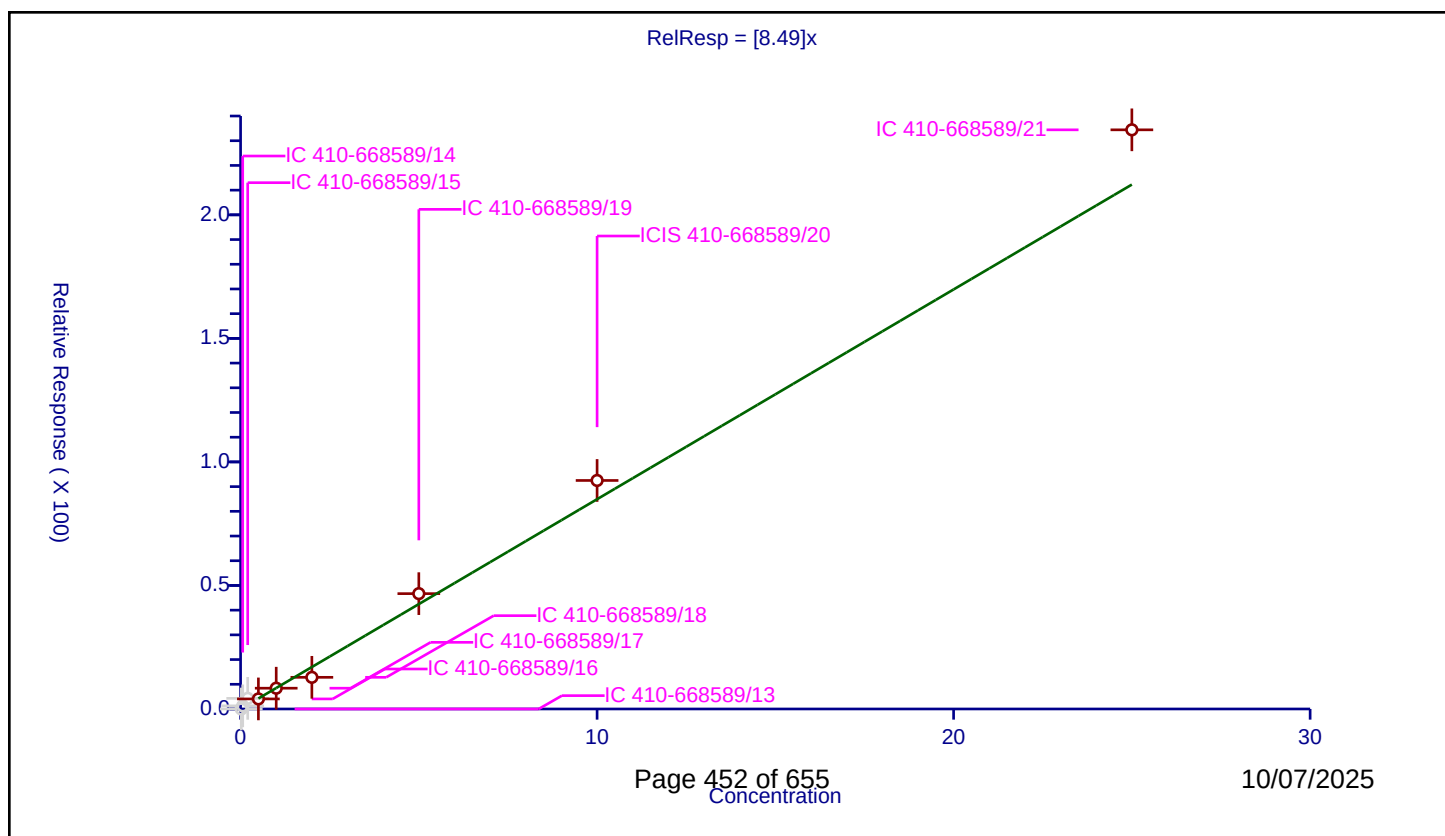
## Curve Coefficients

Intercept: 0  
Slope: 8.49

## Error Coefficients

Relative Standard Deviation: 13.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF       | Used |
|----|--------------------|---------------|------------|-----------|-------------|-----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 50.0      | 73626.0     | 0.0       | N    |
| 2  | IC 410-668589/14   | 0.06          | 1.267606   | 50.0      | 80230.0     | 21.126761 | N    |
| 3  | IC 410-668589/15   | 0.2           | 4.29975    | 50.0      | 83156.0     | 21.498749 | N    |
| 4  | IC 410-668589/16   | 0.5           | 4.077737   | 50.0      | 72295.0     | 8.155474  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 8.416506   | 50.0      | 64825.0     | 8.416506  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 12.814369  | 50.0      | 87437.0     | 6.407185  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 46.681766  | 50.0      | 71966.0     | 9.336353  | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 92.493999  | 50.0      | 75826.0     | 9.2494    | Y    |
| 9  | IC 410-668589/21   | 25.0          | 234.412303 | 50.0      | 82517.0     | 9.376492  | Y    |





## Calibration

/ 3-Chloro-1-propene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

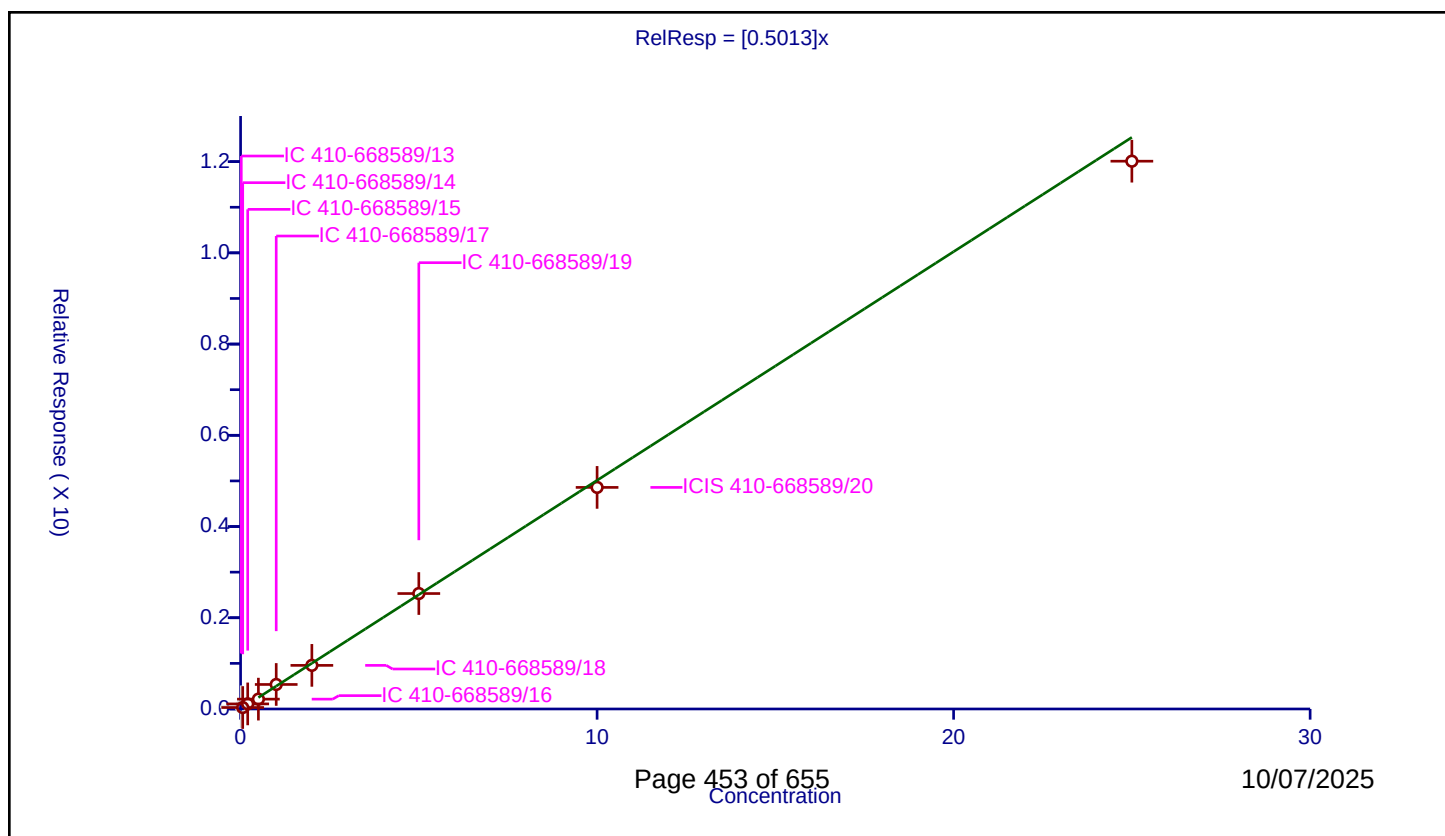
## Curve Coefficients

Intercept: 0  
Slope: 0.5013

## Error Coefficients

Relative Standard Deviation: 8.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.047488   | 10.0      | 1832045.0   | 2.374396 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.031983   | 10.0      | 1831280.0   | 0.533052 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.111362   | 10.0      | 1849831.0   | 0.556808 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.216279   | 10.0      | 1860146.0   | 0.432557 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.537495   | 10.0      | 1893953.0   | 0.537495 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.956038   | 10.0      | 1918847.0   | 0.478019 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.53117    | 10.0      | 1935362.0   | 0.506234 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.858061   | 10.0      | 1961552.0   | 0.485806 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 12.00942   | 10.0      | 1984911.0   | 0.480377 | Y    |



## Calibration

/ Methylene Chloride

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

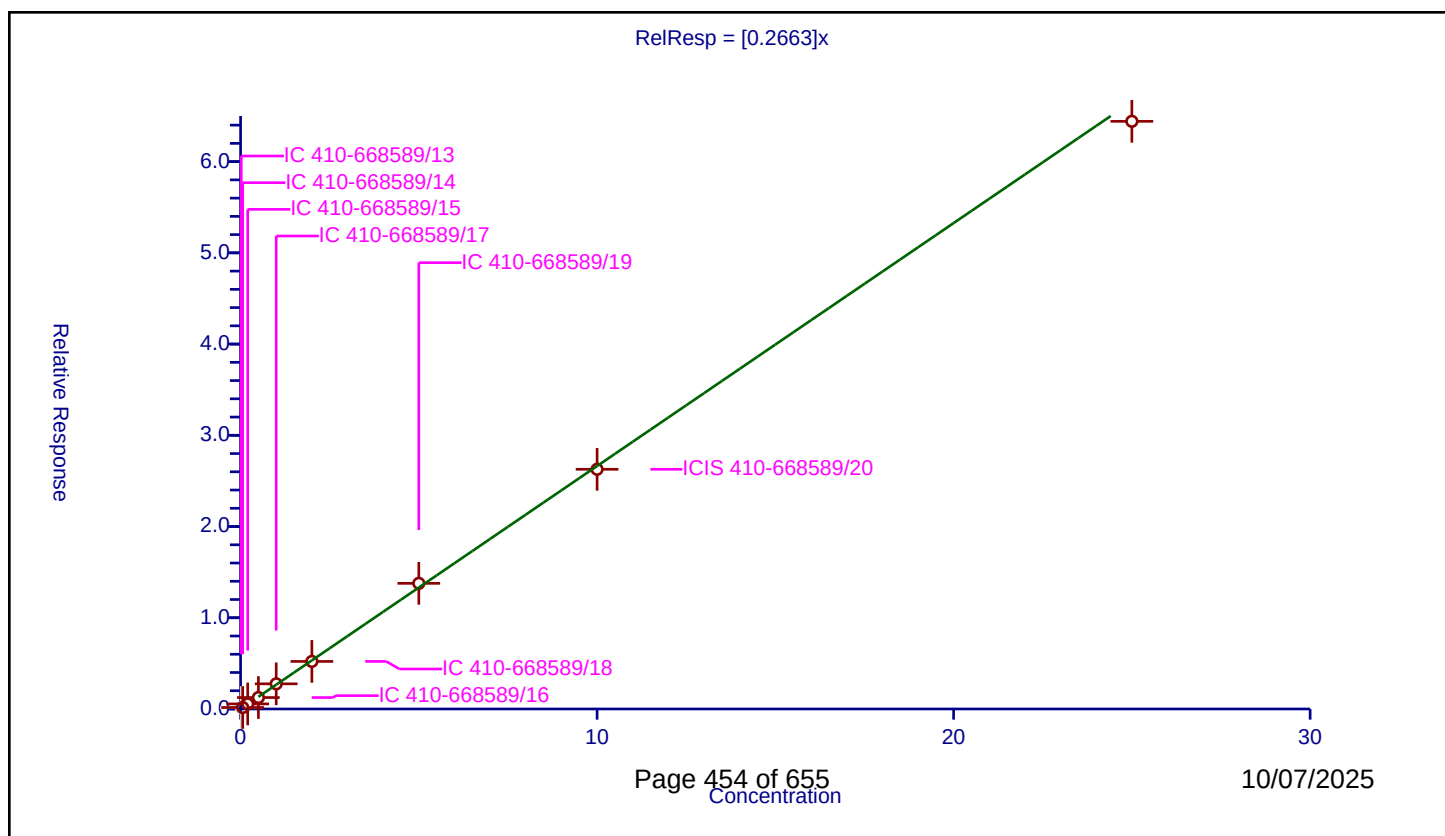
## Curve Coefficients

Intercept: 0  
Slope: 0.2663

## Error Coefficients

Relative Standard Deviation: 3.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0153     | 10.0      | 1832045.0   | 0.764992 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.016153   | 10.0      | 1831280.0   | 0.269211 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.055578   | 10.0      | 1849831.0   | 0.27789  | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.125517   | 10.0      | 1860146.0   | 0.251034 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.275904   | 10.0      | 1893953.0   | 0.275904 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.521344   | 10.0      | 1918847.0   | 0.260672 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.377107   | 10.0      | 1935362.0   | 0.275421 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.627399   | 10.0      | 1961552.0   | 0.26274  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 6.441916   | 10.0      | 1984911.0   | 0.257677 | Y    |



Calibration

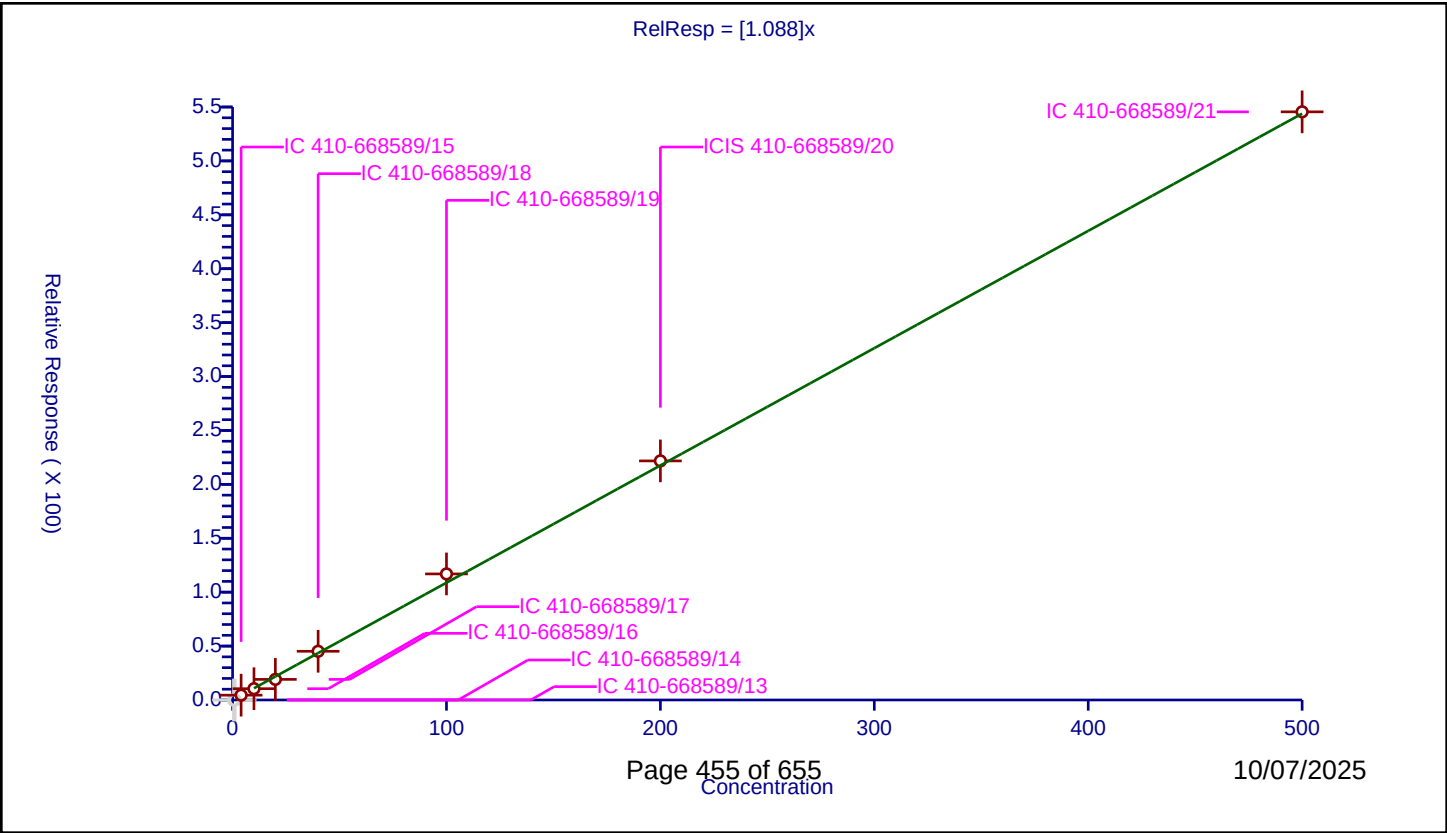
/ 2-Methyl-2-propanol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

| Curve Coefficients |       |
|--------------------|-------|
| Intercept:         | 0     |
| Slope:             | 1.088 |
| Error Coefficients |       |

Relative Standard Deviation: 6.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.4           | 0.0        | 50.0      | 73626.0     | 0.0      | N    |
| 2  | IC 410-668589/14   | 1.2           | 0.0        | 50.0      | 80230.0     | 0.0      | N    |
| 3  | IC 410-668589/15   | 4.0           | 4.455481   | 50.0      | 83156.0     | 1.11387  | Y    |
| 4  | IC 410-668589/16   | 10.0          | 10.467529  | 50.0      | 72295.0     | 1.046753 | Y    |
| 5  | IC 410-668589/17   | 20.0          | 19.095256  | 50.0      | 64825.0     | 0.954763 | Y    |
| 6  | IC 410-668589/18   | 40.0          | 45.186248  | 50.0      | 87437.0     | 1.129656 | Y    |
| 7  | IC 410-668589/19   | 100.0         | 116.93647  | 50.0      | 71966.0     | 1.169365 | Y    |
| 8  | ICIS 410-668589/20 | 200.0         | 221.763643 | 50.0      | 75826.0     | 1.108818 | Y    |
| 9  | IC 410-668589/21   | 500.0         | 545.523953 | 50.0      | 82517.0     | 1.091048 | Y    |



## Calibration

/ Acrylonitrile

Curve Type: Linear  
Weighting: None  
Origin: None  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

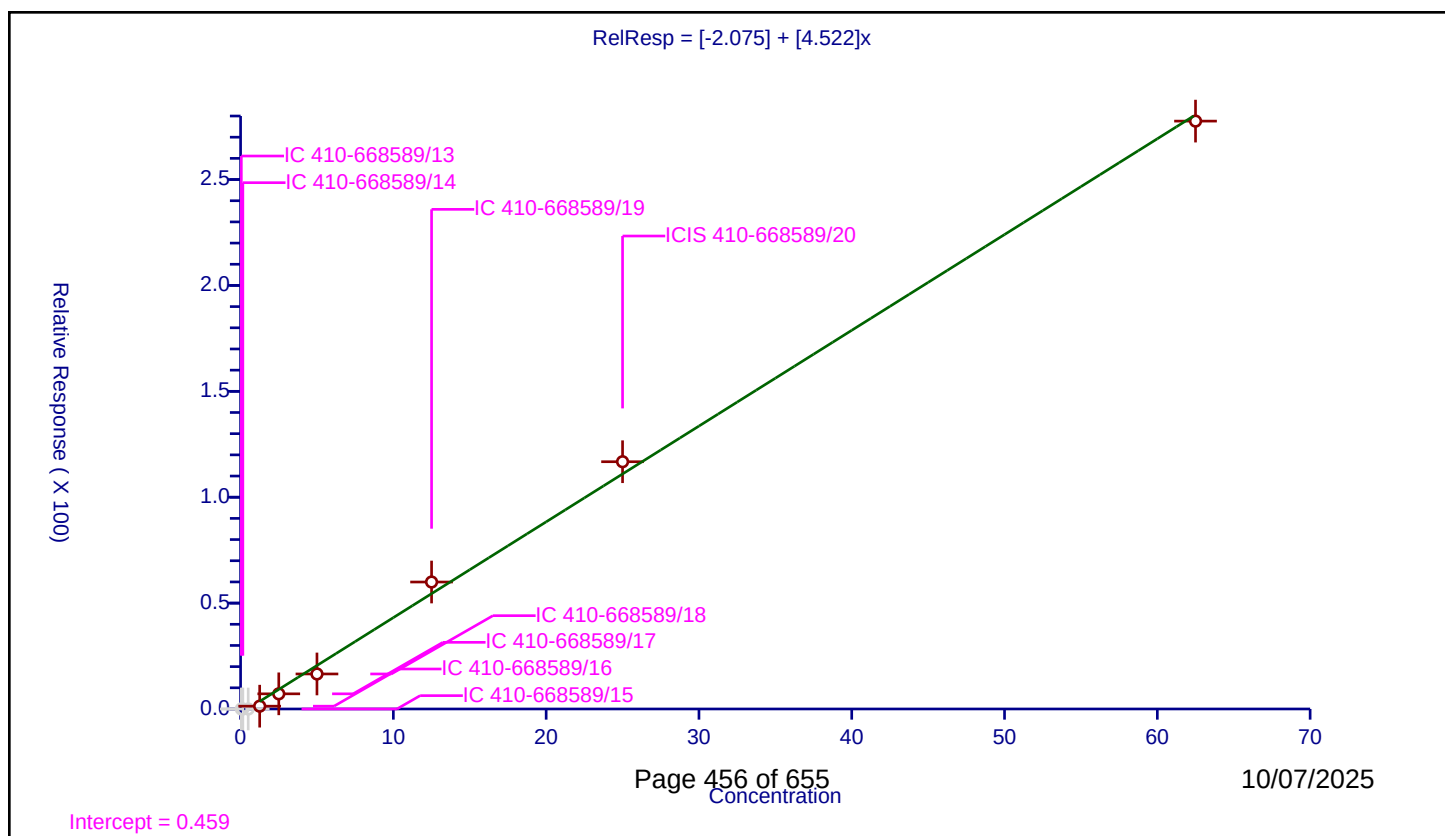
## Curve Coefficients

Intercept: -2.075  
Slope: 4.522

## Error Coefficients

Relative Standard Deviation: 24.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.05          | 0.0        | 50.0      | 73626.0     | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.15          | 0.0        | 50.0      | 80230.0     | 0.0      | N    |
| 3  | IC 410-668589/15   | 0.5           | 0.0        | 50.0      | 83156.0     | 0.0      | N    |
| 4  | IC 410-668589/16   | 1.25          | 1.330659   | 50.0      | 72295.0     | 1.064527 | Y    |
| 5  | IC 410-668589/17   | 2.5           | 7.155418   | 50.0      | 64825.0     | 2.862167 | Y    |
| 6  | IC 410-668589/18   | 5.0           | 16.535334  | 50.0      | 87437.0     | 3.307067 | Y    |
| 7  | IC 410-668589/19   | 12.5          | 59.960954  | 50.0      | 71966.0     | 4.796876 | Y    |
| 8  | ICIS 410-668589/20 | 25.0          | 116.762061 | 50.0      | 75826.0     | 4.670482 | Y    |
| 9  | IC 410-668589/21   | 62.5          | 277.595526 | 50.0      | 82517.0     | 4.441528 | Y    |



## Calibration

/ Methyl tert-butyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

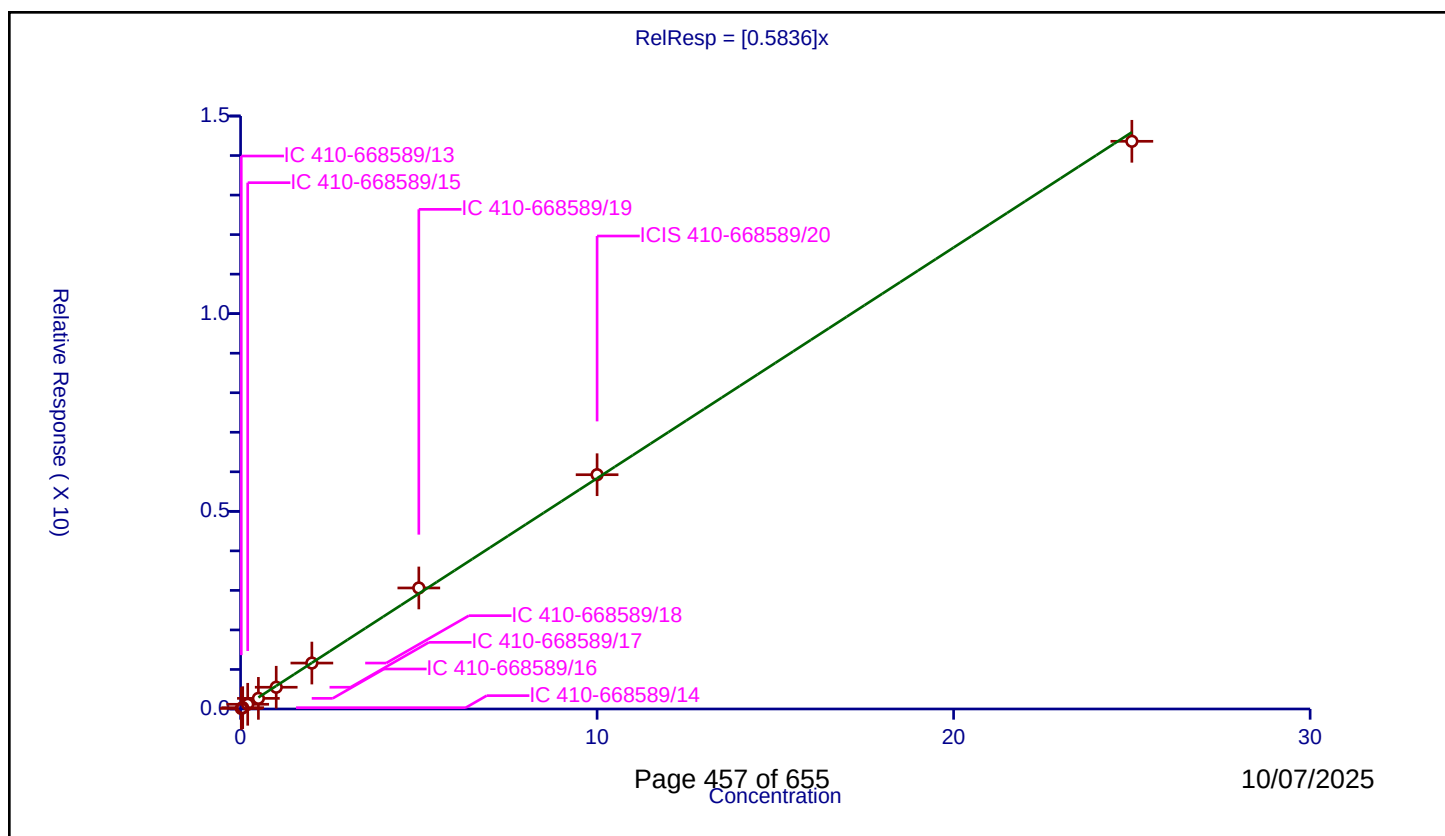
## Curve Coefficients

Intercept: 0  
Slope: 0.5836

## Error Coefficients

Relative Standard Deviation: 5.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.01298    | 10.0      | 1832045.0   | 0.649002 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.033605   | 10.0      | 1831280.0   | 0.560082 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.118941   | 10.0      | 1849831.0   | 0.594703 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.269011   | 10.0      | 1860146.0   | 0.538022 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.550167   | 10.0      | 1893953.0   | 0.550167 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.162135   | 10.0      | 1918847.0   | 0.581068 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 3.061665   | 10.0      | 1935362.0   | 0.612333 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 5.92646    | 10.0      | 1961552.0   | 0.592646 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 14.36082   | 10.0      | 1984911.0   | 0.574433 | Y    |



## Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

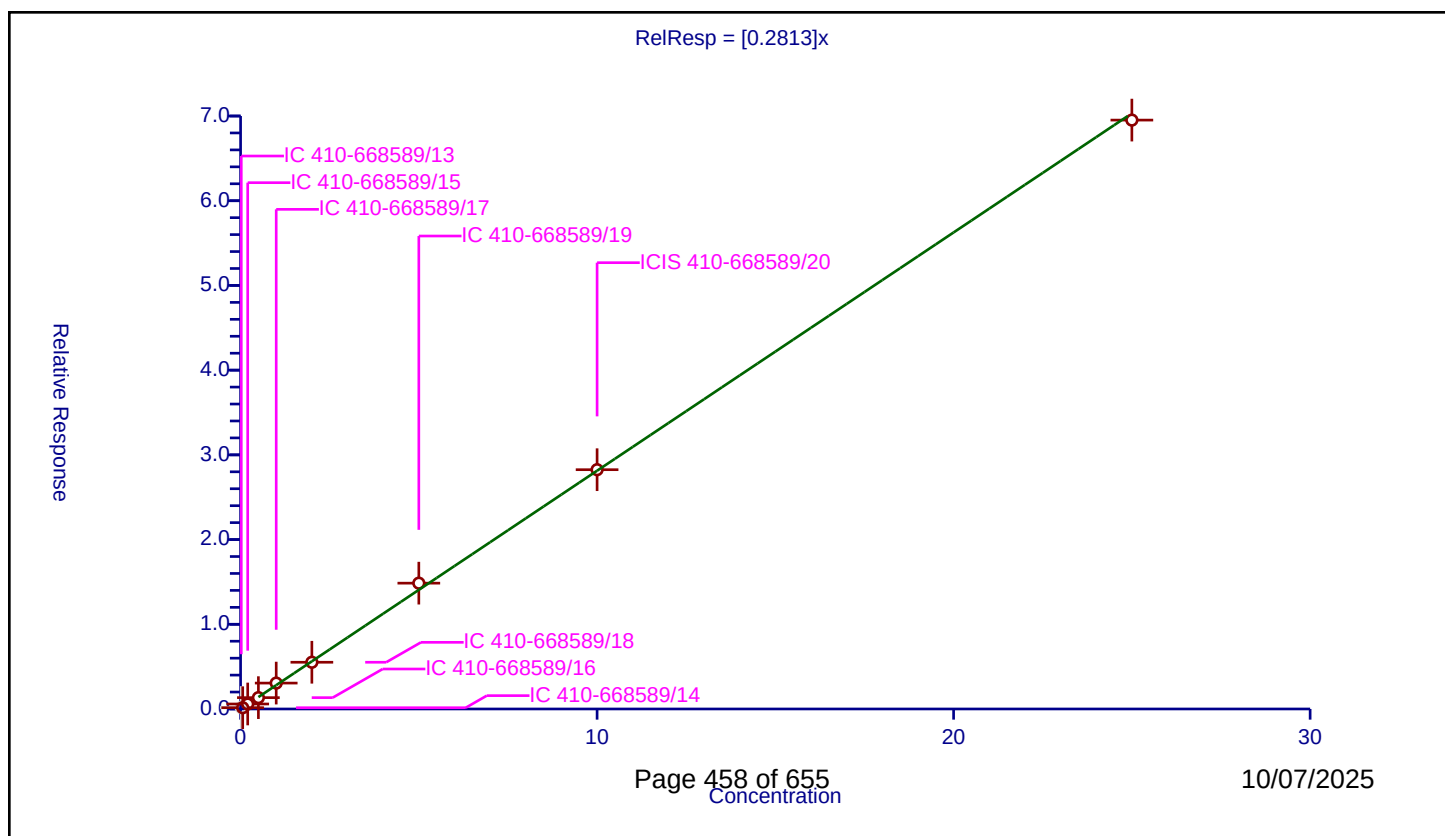
## Curve Coefficients

Intercept: 0  
Slope: 0.2813

## Error Coefficients

Relative Standard Deviation: 6.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.01715    | 10.0      | 1832045.0   | 0.857512 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.014919   | 10.0      | 1831280.0   | 0.248642 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.058876   | 10.0      | 1849831.0   | 0.294378 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.134011   | 10.0      | 1860146.0   | 0.268022 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.30571    | 10.0      | 1893953.0   | 0.30571  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.551571   | 10.0      | 1918847.0   | 0.275785 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.485526   | 10.0      | 1935362.0   | 0.297105 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.824835   | 10.0      | 1961552.0   | 0.282483 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 6.951883   | 10.0      | 1984911.0   | 0.278075 | Y    |



## Calibration

/ Hexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

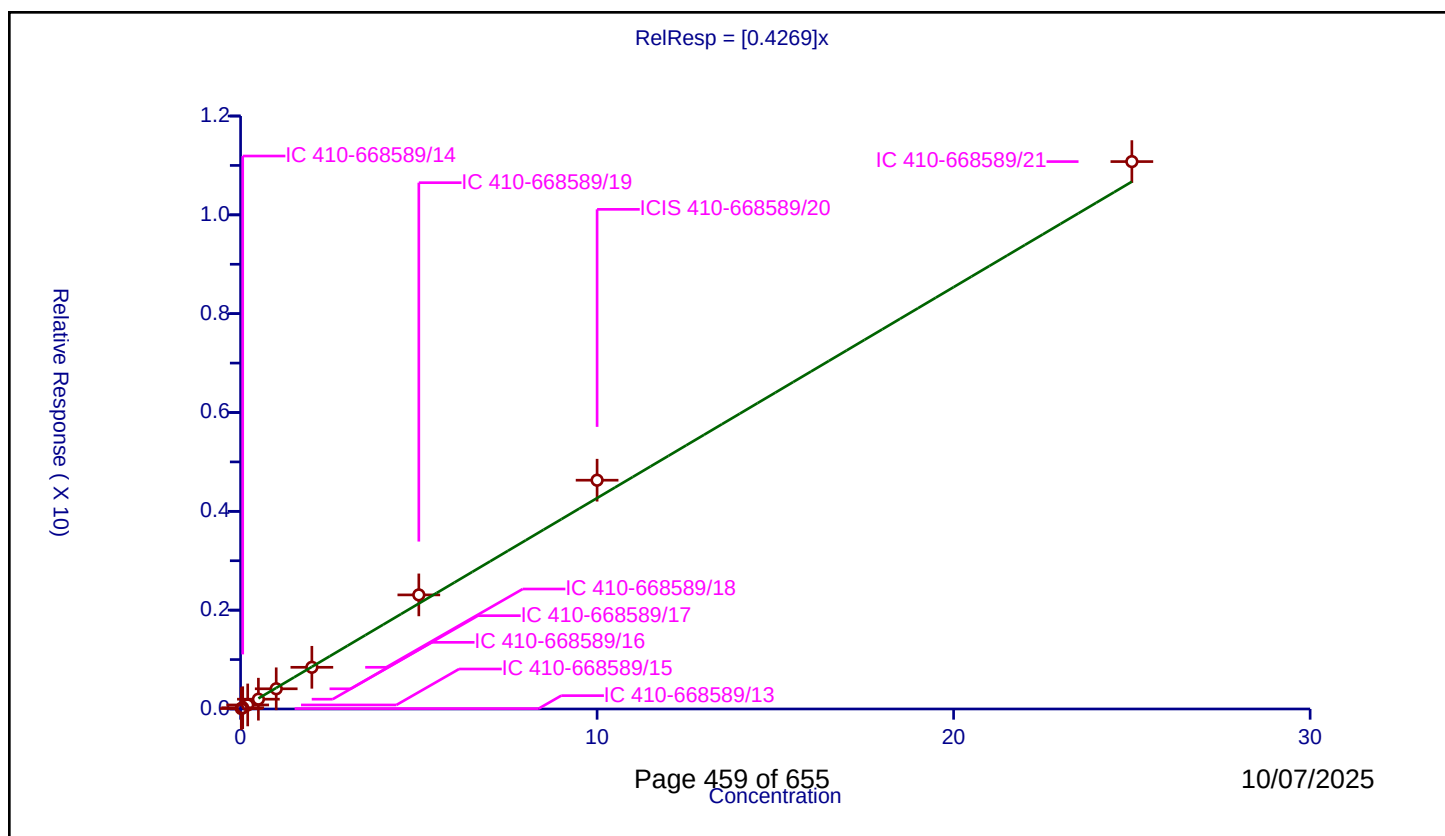
## Curve Coefficients

Intercept: 0  
Slope: 0.4269

## Error Coefficients

Relative Standard Deviation: 5.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.008193   | 10.0      | 1832045.0   | 0.409652 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.025665   | 10.0      | 1831280.0   | 0.427752 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.081835   | 10.0      | 1849831.0   | 0.409173 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.198189   | 10.0      | 1860146.0   | 0.396377 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.409007   | 10.0      | 1893953.0   | 0.409007 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.84358    | 10.0      | 1918847.0   | 0.42179  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.308994   | 10.0      | 1935362.0   | 0.461799 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.630114   | 10.0      | 1961552.0   | 0.463011 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 11.077807  | 10.0      | 1984911.0   | 0.443112 | Y    |



## Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

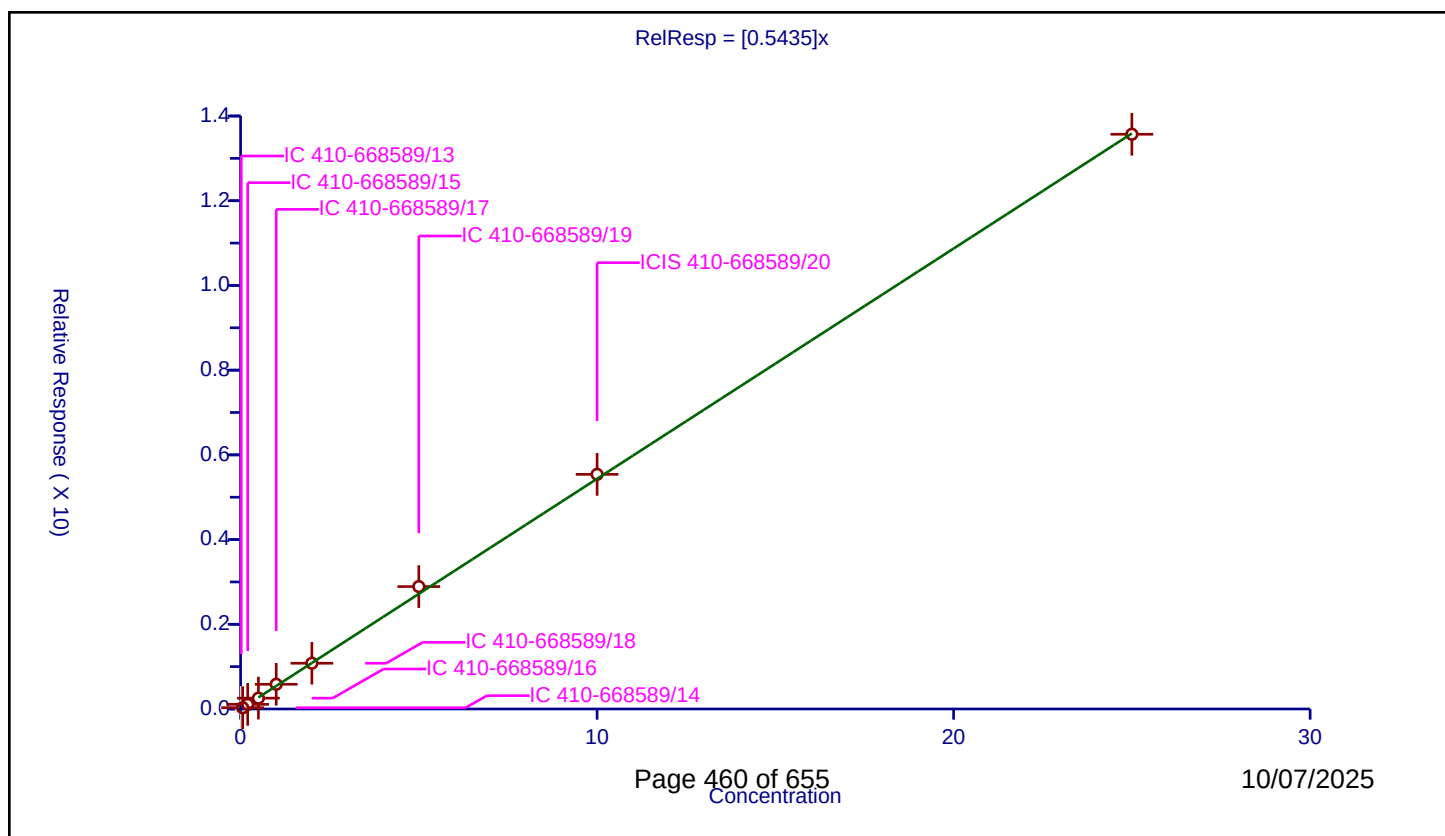
## Curve Coefficients

Intercept: 0  
Slope: 0.5435

## Error Coefficients

Relative Standard Deviation: 5.6

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.033618   | 10.0      | 1832045.0   | 1.680908 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.029619   | 10.0      | 1831280.0   | 0.493644 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.10895    | 10.0      | 1849831.0   | 0.544752 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.255786   | 10.0      | 1860146.0   | 0.511573 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.583489   | 10.0      | 1893953.0   | 0.583489 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.080352   | 10.0      | 1918847.0   | 0.540176 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.890043   | 10.0      | 1935362.0   | 0.578009 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 5.539313   | 10.0      | 1961552.0   | 0.553931 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 13.569208  | 10.0      | 1984911.0   | 0.542768 | Y    |





## Calibration

/ Isopropyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

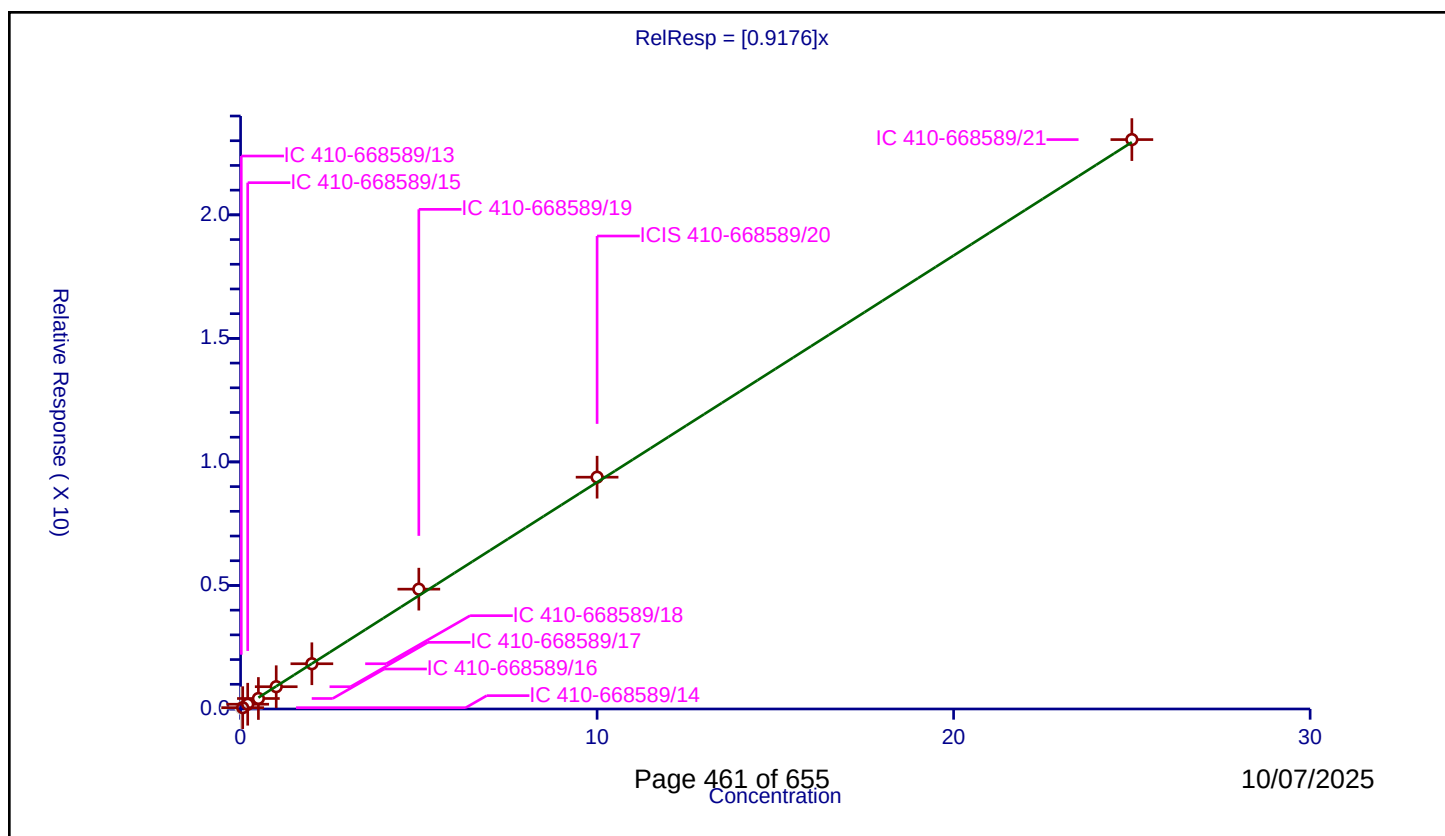
## Curve Coefficients

Intercept: 0  
Slope: 0.9176

## Error Coefficients

Relative Standard Deviation: 4.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.038531   | 10.0      | 1832045.0   | 1.926536 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.052947   | 10.0      | 1831280.0   | 0.882443 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.192299   | 10.0      | 1849831.0   | 0.961493 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.424762   | 10.0      | 1860146.0   | 0.849525 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.901997   | 10.0      | 1893953.0   | 0.901997 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.830599   | 10.0      | 1918847.0   | 0.9153   | Y    |
| 7  | IC 410-668589/19   | 5.0           | 4.849734   | 10.0      | 1935362.0   | 0.969947 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 9.381943   | 10.0      | 1961552.0   | 0.938194 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 23.046222  | 10.0      | 1984911.0   | 0.921849 | Y    |



## Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

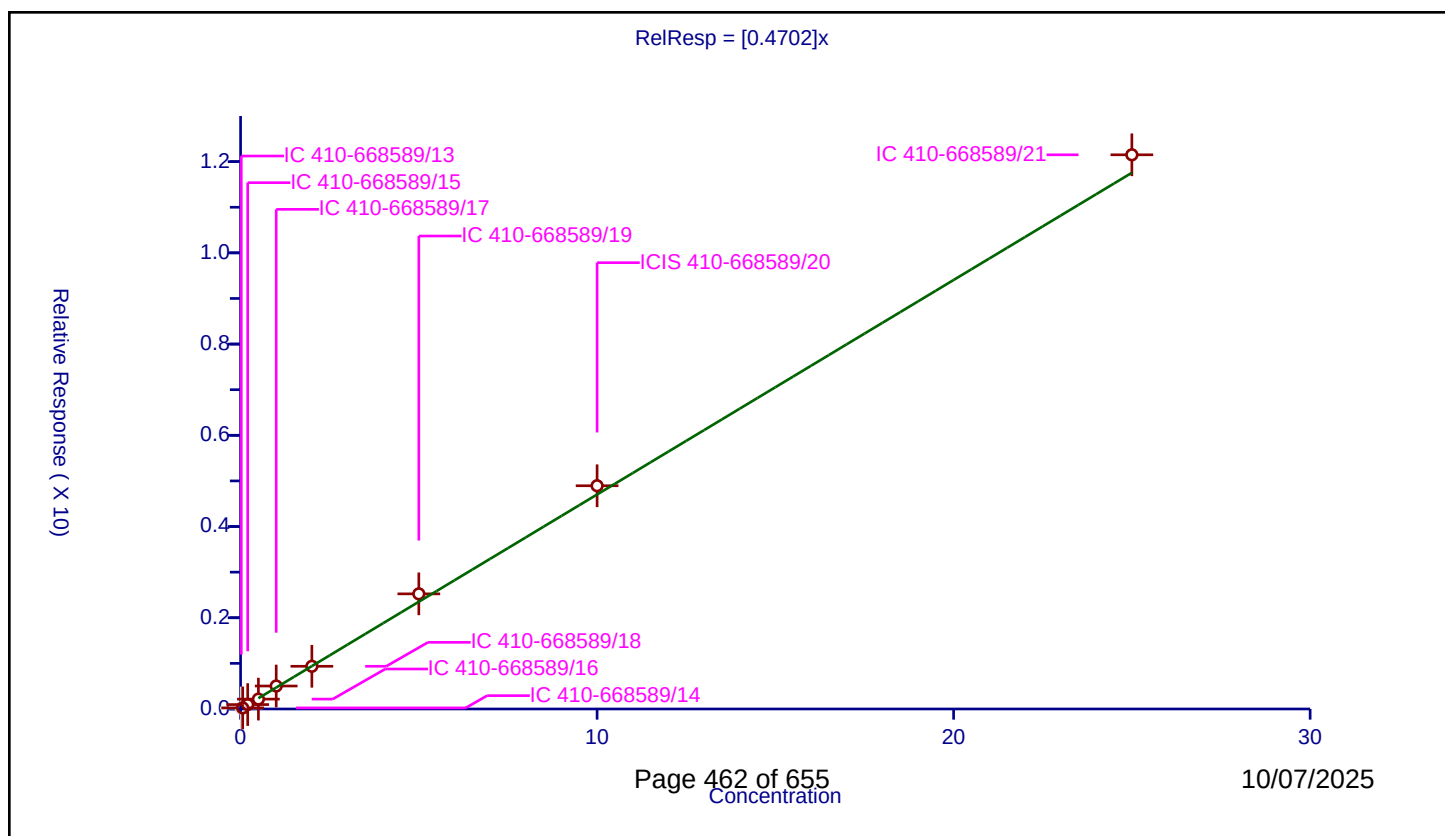
## Curve Coefficients

Intercept: 0  
Slope: 0.4702

## Error Coefficients

Relative Standard Deviation: 8.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.02179    | 10.0      | 1832045.0   | 1.089493 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.023557   | 10.0      | 1831280.0   | 0.392622 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.096766   | 10.0      | 1849831.0   | 0.483828 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.216655   | 10.0      | 1860146.0   | 0.43331  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.503909   | 10.0      | 1893953.0   | 0.503909 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.936208   | 10.0      | 1918847.0   | 0.468104 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.524117   | 10.0      | 1935362.0   | 0.504823 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.893916   | 10.0      | 1961552.0   | 0.489392 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 12.149724  | 10.0      | 1984911.0   | 0.485989 | Y    |



## Calibration

/ Tert-butyl ethyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

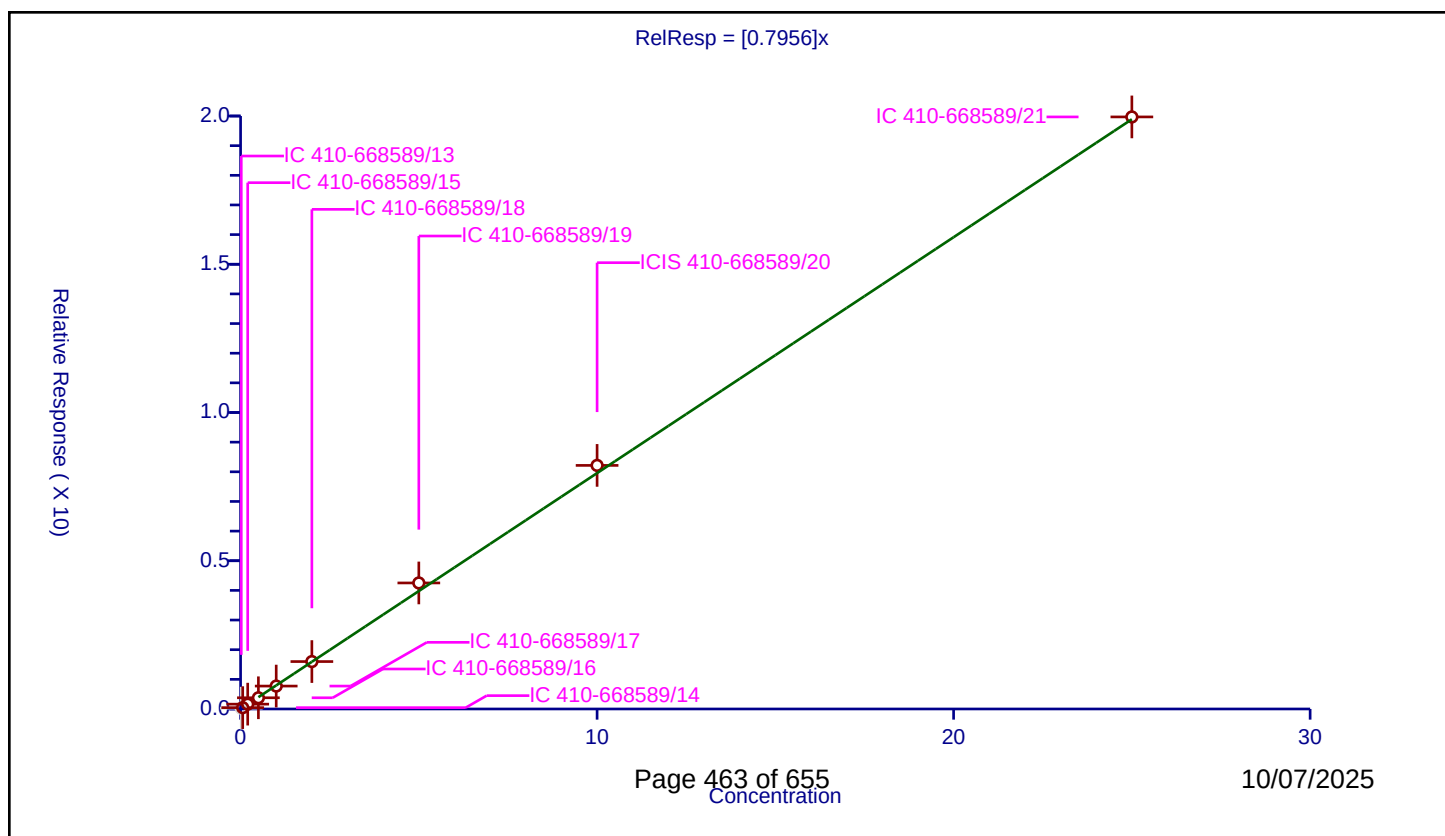
## Curve Coefficients

Intercept: 0  
Slope: 0.7956

## Error Coefficients

Relative Standard Deviation: 4.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.027237   | 10.0      | 1832045.0   | 1.361866 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.045078   | 10.0      | 1831280.0   | 0.751296 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.162853   | 10.0      | 1849831.0   | 0.814264 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.378029   | 10.0      | 1860146.0   | 0.756059 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.773118   | 10.0      | 1893953.0   | 0.773118 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.599434   | 10.0      | 1918847.0   | 0.799717 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 4.25122    | 10.0      | 1935362.0   | 0.850244 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 8.215535   | 10.0      | 1961552.0   | 0.821554 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 19.968966  | 10.0      | 1984911.0   | 0.798759 | Y    |



## Calibration

/ 2-Butanone (MEK)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

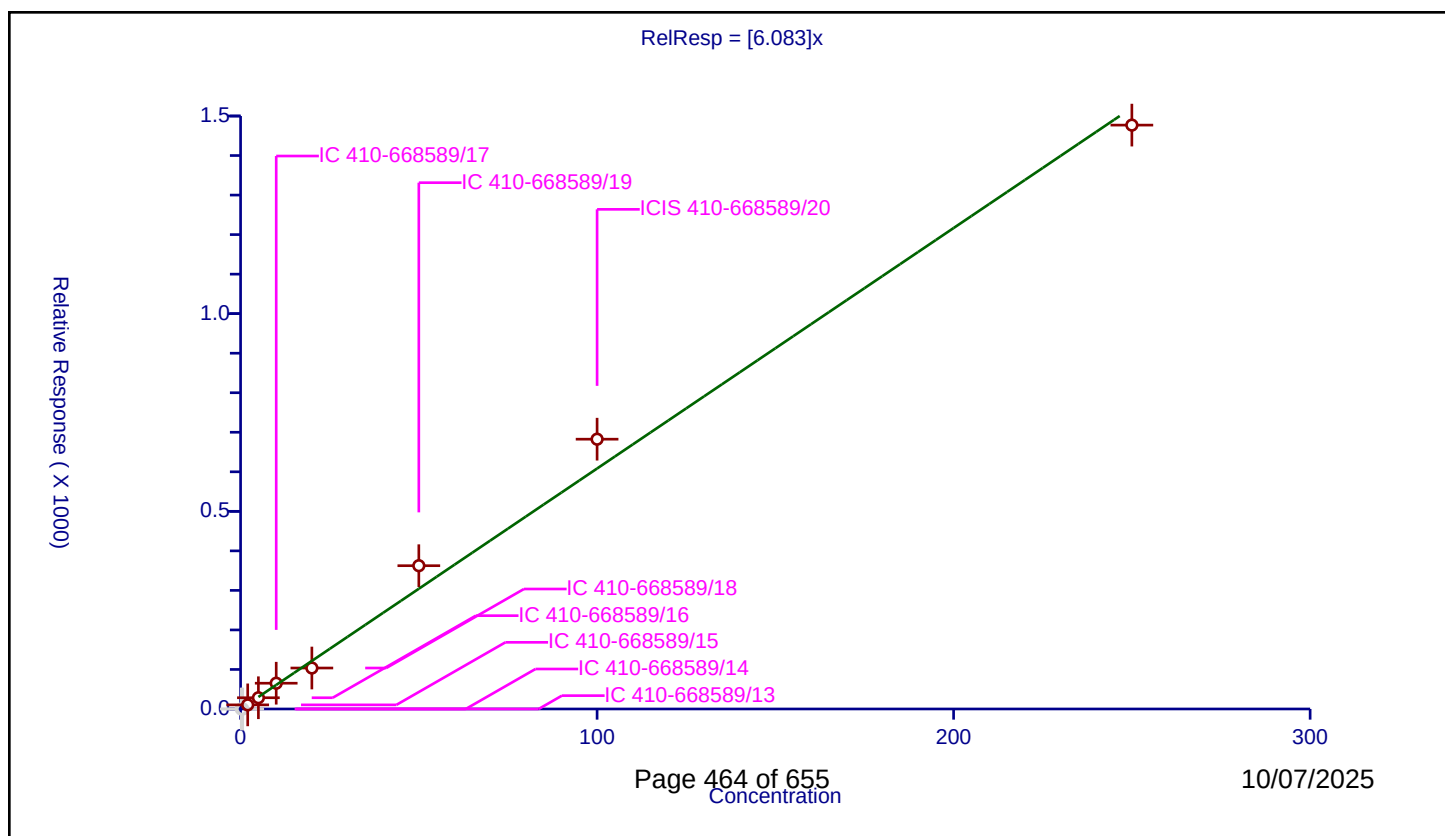
## Curve Coefficients

Intercept: 0  
Slope: 6.083

## Error Coefficients

Relative Standard Deviation: 13.2

| ID | Level              | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.2           | 0.0         | 50.0      | 73626.0     | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.6           | 0.0         | 50.0      | 80230.0     | 0.0      | N    |
| 3  | IC 410-668589/15   | 2.0           | 10.425586   | 50.0      | 83156.0     | 5.212793 | Y    |
| 4  | IC 410-668589/16   | 5.0           | 28.399613   | 50.0      | 72295.0     | 5.679923 | Y    |
| 5  | IC 410-668589/17   | 10.0          | 65.223293   | 50.0      | 64825.0     | 6.522329 | Y    |
| 6  | IC 410-668589/18   | 20.0          | 103.675218  | 50.0      | 87437.0     | 5.183761 | Y    |
| 7  | IC 410-668589/19   | 50.0          | 362.466304  | 50.0      | 71966.0     | 7.249326 | Y    |
| 8  | ICIS 410-668589/20 | 100.0         | 682.514573  | 50.0      | 75826.0     | 6.825146 | Y    |
| 9  | IC 410-668589/21   | 250.0         | 1477.002921 | 50.0      | 82517.0     | 5.908012 | Y    |



## Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

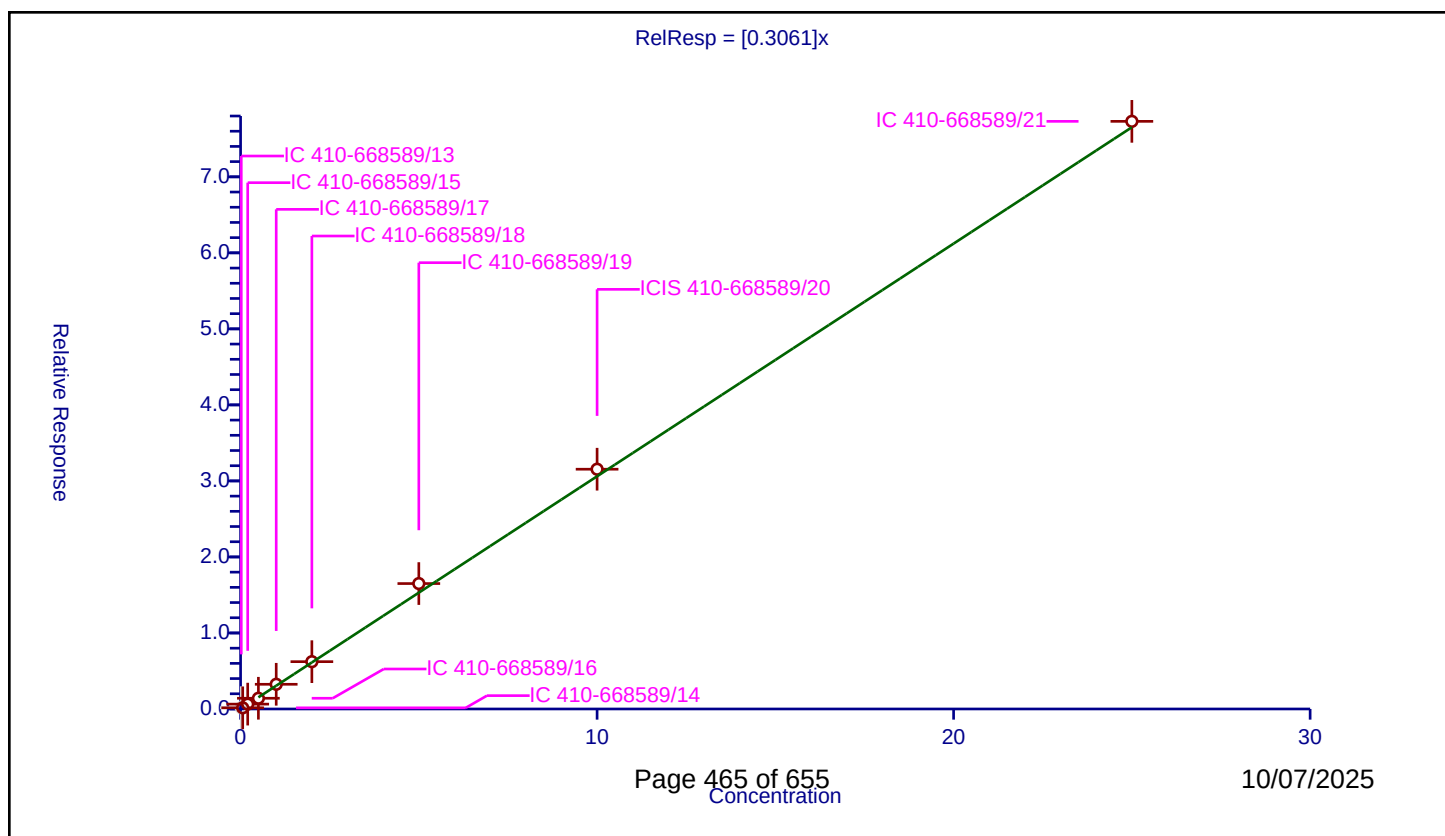
## Curve Coefficients

Intercept: 0  
Slope: 0.3061

## Error Coefficients

Relative Standard Deviation: 8.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.016861   | 10.0      | 1832045.0   | 0.843047 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.01529    | 10.0      | 1831280.0   | 0.254831 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.064184   | 10.0      | 1849831.0   | 0.320921 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.141048   | 10.0      | 1860146.0   | 0.282096 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.325066   | 10.0      | 1893953.0   | 0.325066 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.622332   | 10.0      | 1918847.0   | 0.311166 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.649841   | 10.0      | 1935362.0   | 0.329968 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.154094   | 10.0      | 1961552.0   | 0.315409 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 7.729858   | 10.0      | 1984911.0   | 0.309194 | Y    |



## Calibration

/ 2,2-Dichloropropane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

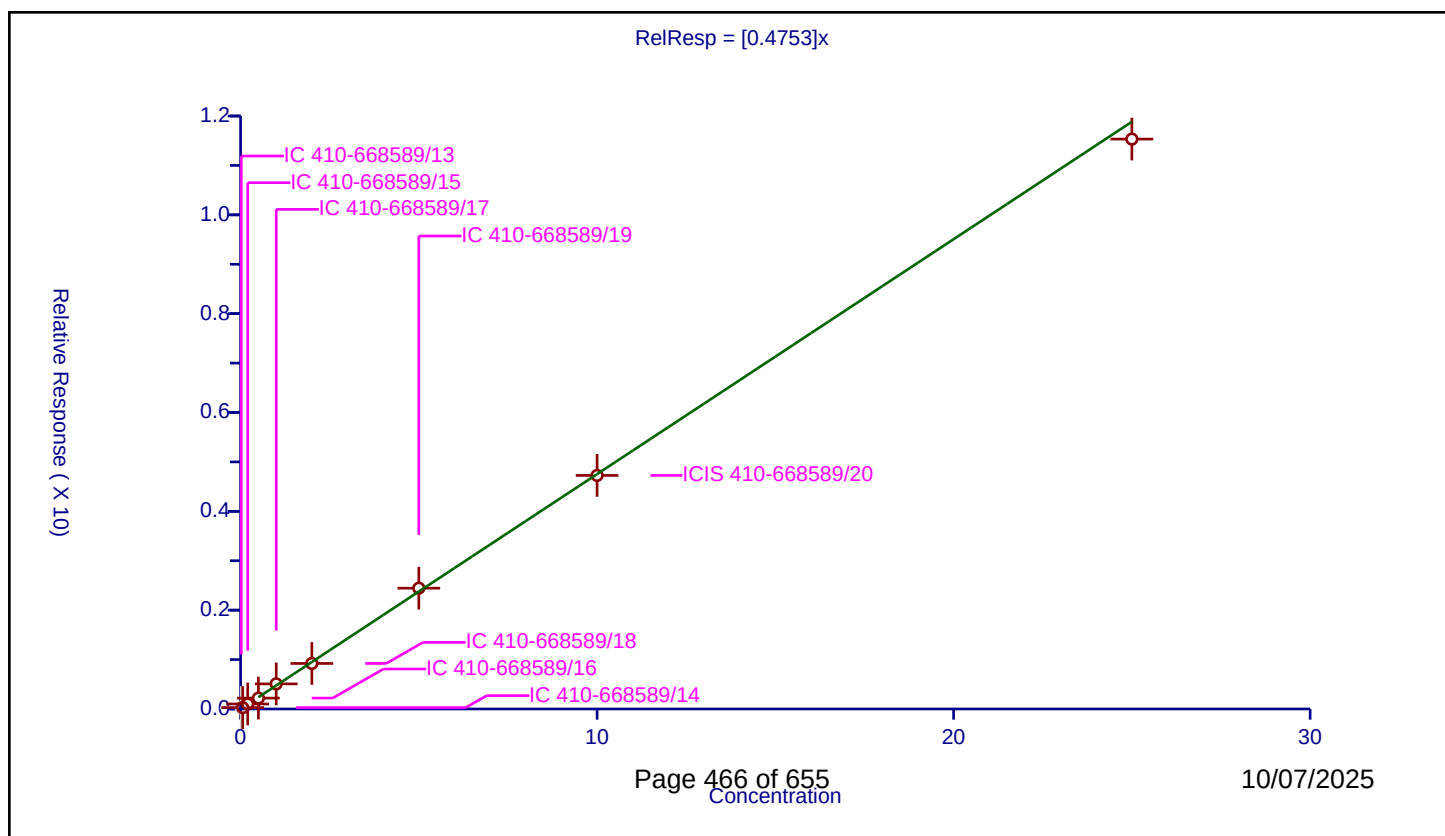
## Curve Coefficients

Intercept: 0  
Slope: 0.4753

## Error Coefficients

Relative Standard Deviation: 5.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.025878   | 10.0      | 1832045.0   | 1.293909 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.02768    | 10.0      | 1831280.0   | 0.461335 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.101863   | 10.0      | 1849831.0   | 0.509317 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.220209   | 10.0      | 1860146.0   | 0.440417 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.508101   | 10.0      | 1893953.0   | 0.508101 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.921256   | 10.0      | 1918847.0   | 0.460628 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.445077   | 10.0      | 1935362.0   | 0.489015 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.726349   | 10.0      | 1961552.0   | 0.472635 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 11.53294   | 10.0      | 1984911.0   | 0.461318 | Y    |



## Calibration

/ Propionitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

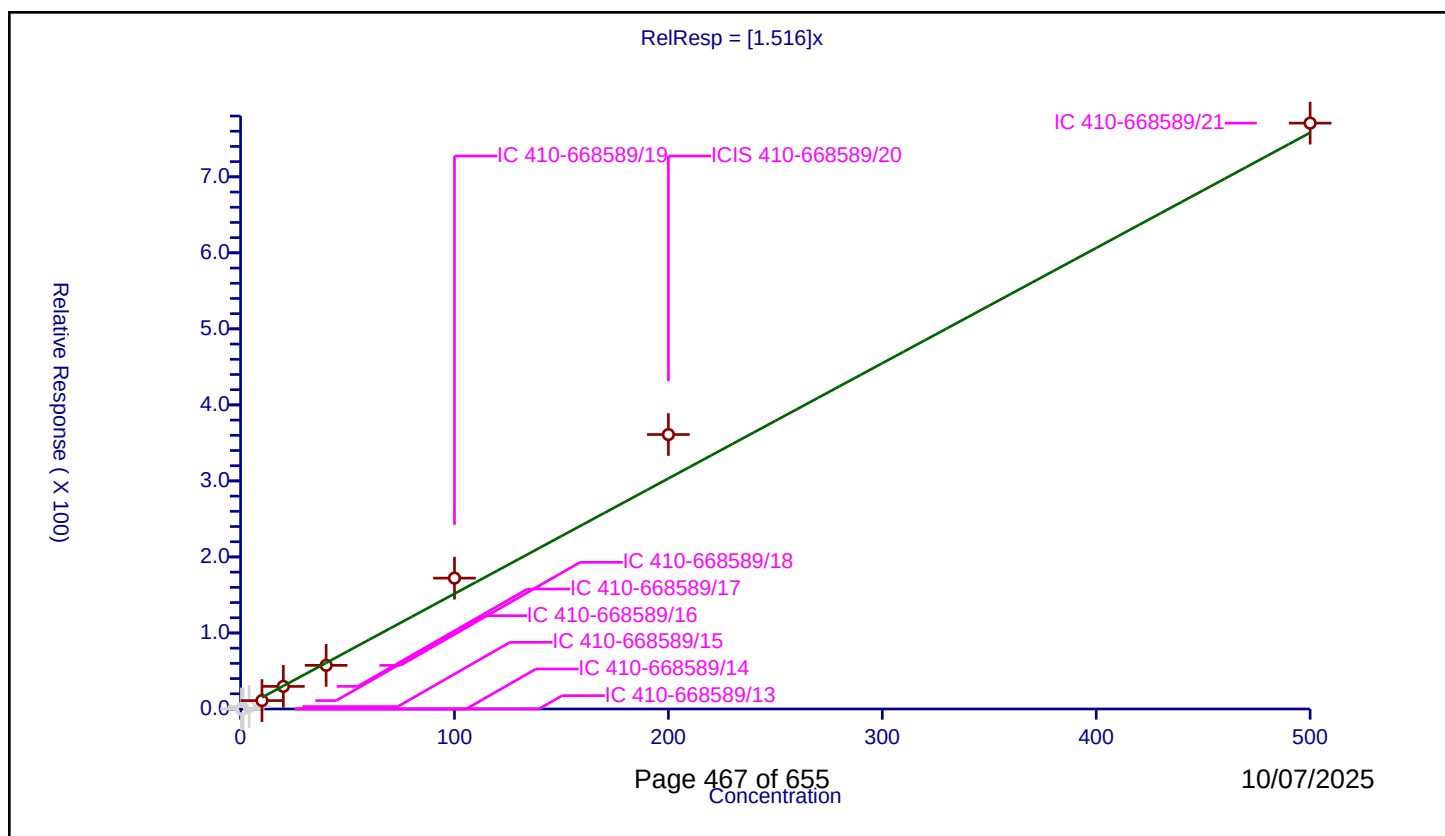
## Curve Coefficients

Intercept: 0  
Slope: 1.516

## Error Coefficients

Relative Standard Deviation: 16.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.4           | 0.0        | 50.0      | 73626.0     | 0.0      | N    |
| 2  | IC 410-668589/14   | 1.2           | 0.0        | 50.0      | 80230.0     | 0.0      | N    |
| 3  | IC 410-668589/15   | 4.0           | 3.171148   | 50.0      | 83156.0     | 0.792787 | N    |
| 4  | IC 410-668589/16   | 10.0          | 11.070613  | 50.0      | 72295.0     | 1.107061 | Y    |
| 5  | IC 410-668589/17   | 20.0          | 29.730042  | 50.0      | 64825.0     | 1.486502 | Y    |
| 6  | IC 410-668589/18   | 40.0          | 57.400185  | 50.0      | 87437.0     | 1.435005 | Y    |
| 7  | IC 410-668589/19   | 100.0         | 172.159075 | 50.0      | 71966.0     | 1.721591 | Y    |
| 8  | ICIS 410-668589/20 | 200.0         | 361.02722  | 50.0      | 75826.0     | 1.805136 | Y    |
| 9  | IC 410-668589/21   | 500.0         | 770.646049 | 50.0      | 82517.0     | 1.541292 | Y    |



## Calibration

/ Methacrylonitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

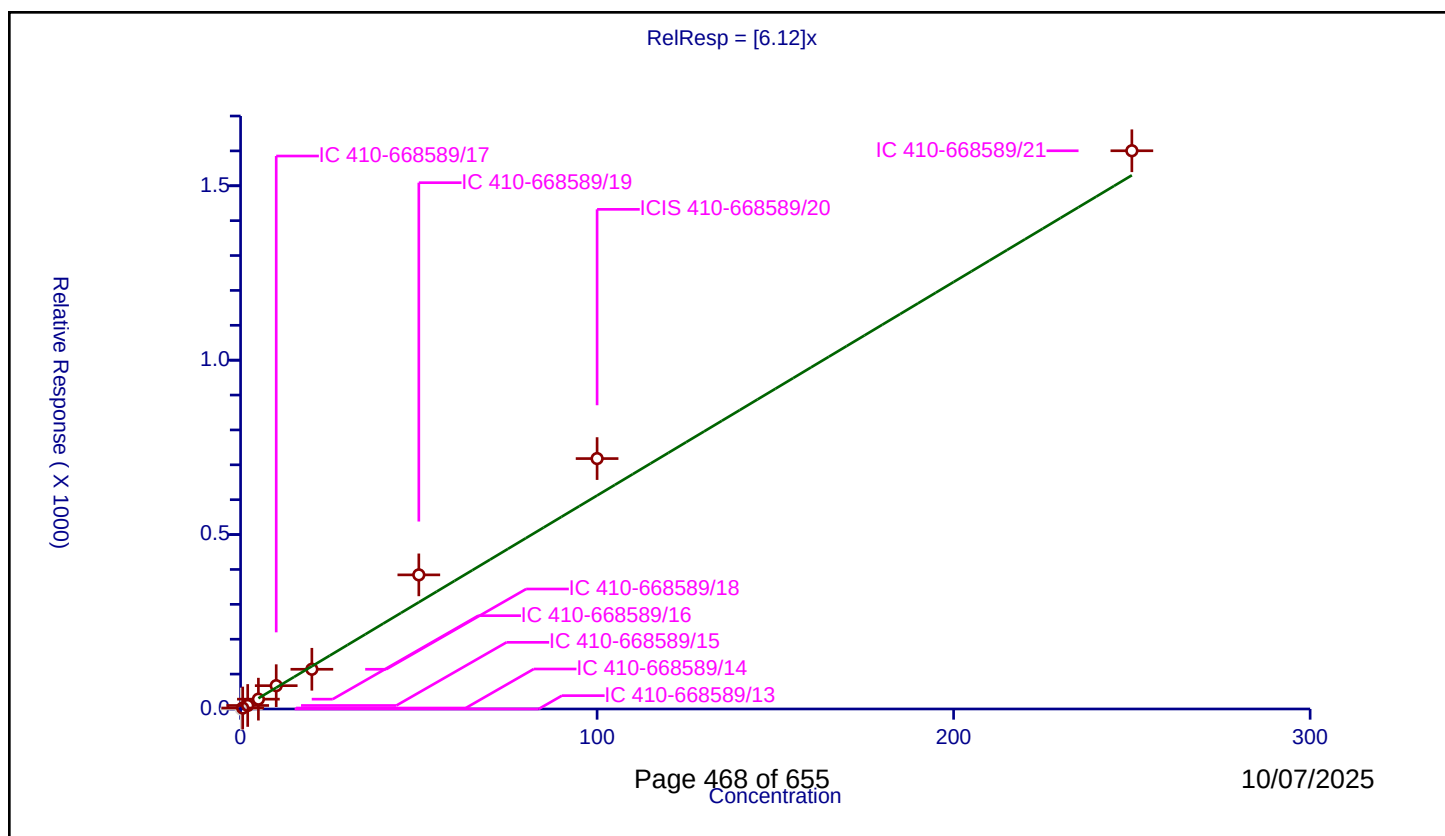
## Curve Coefficients

Intercept: 0  
Slope: 6.12

## Error Coefficients

Relative Standard Deviation: 17.2

| ID | Level              | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.2           | 0.0         | 50.0      | 73626.0     | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.6           | 2.804437    | 50.0      | 80230.0     | 4.674062 | Y    |
| 3  | IC 410-668589/15   | 2.0           | 10.018519   | 50.0      | 83156.0     | 5.00926  | Y    |
| 4  | IC 410-668589/16   | 5.0           | 28.172073   | 50.0      | 72295.0     | 5.634415 | Y    |
| 5  | IC 410-668589/17   | 10.0          | 66.8199     | 50.0      | 64825.0     | 6.68199  | Y    |
| 6  | IC 410-668589/18   | 20.0          | 113.847113  | 50.0      | 87437.0     | 5.692356 | Y    |
| 7  | IC 410-668589/19   | 50.0          | 384.521858  | 50.0      | 71966.0     | 7.690437 | Y    |
| 8  | ICIS 410-668589/20 | 100.0         | 717.932503  | 50.0      | 75826.0     | 7.179325 | Y    |
| 9  | IC 410-668589/21   | 250.0         | 1600.358108 | 50.0      | 82517.0     | 6.401432 | Y    |





## Calibration

/ Chlorobromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

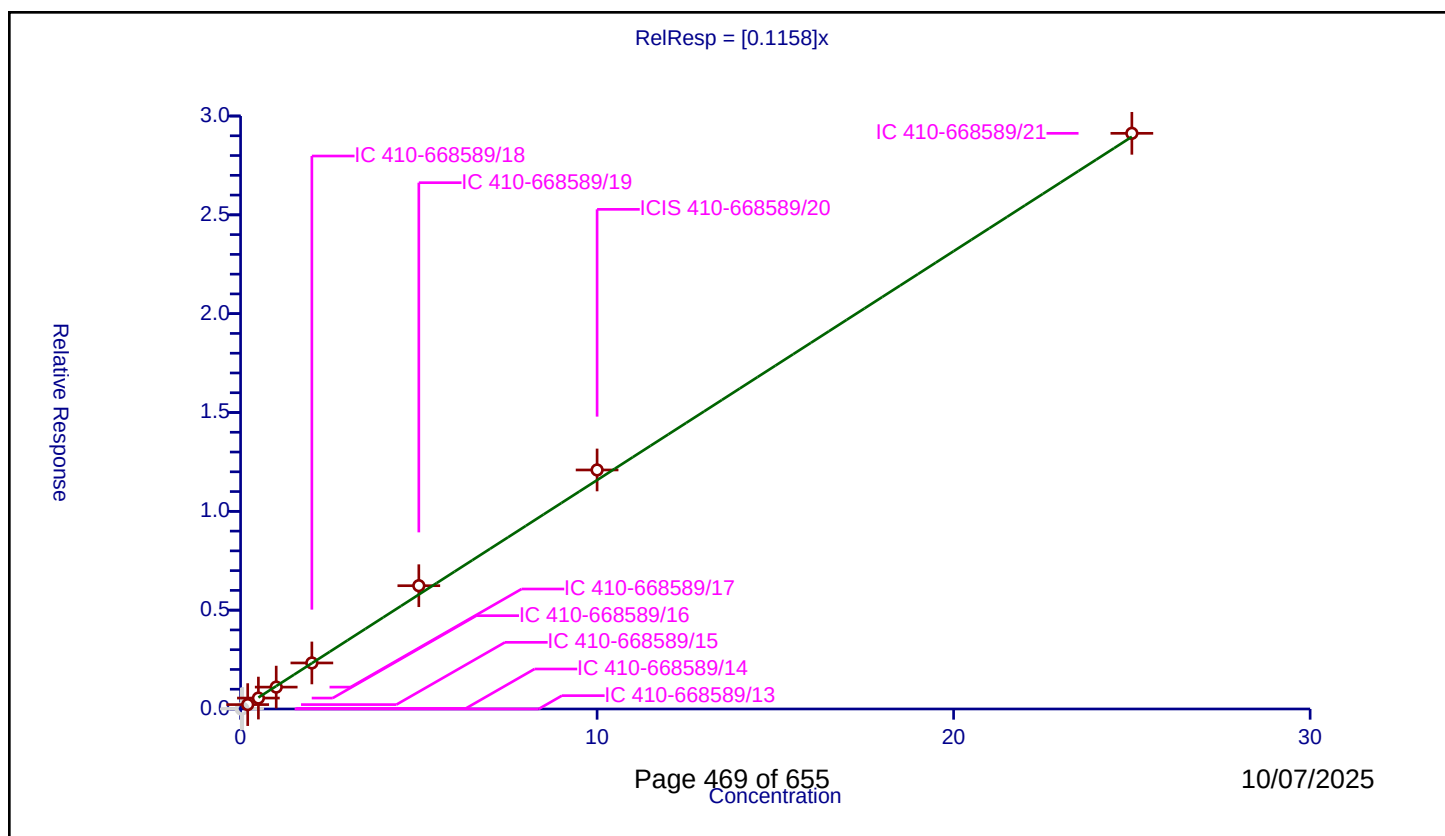
## Curve Coefficients

Intercept: 0  
Slope: 0.1158

## Error Coefficients

Relative Standard Deviation: 4.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 10.0      | 1832045.0   | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.002812   | 10.0      | 1831280.0   | 0.046871 | N    |
| 3  | IC 410-668589/15   | 0.2           | 0.022132   | 10.0      | 1849831.0   | 0.110659 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.055297   | 10.0      | 1860146.0   | 0.110593 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.110752   | 10.0      | 1893953.0   | 0.110752 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.232905   | 10.0      | 1918847.0   | 0.116453 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 0.623754   | 10.0      | 1935362.0   | 0.124751 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 1.209287   | 10.0      | 1961552.0   | 0.120929 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 2.912403   | 10.0      | 1984911.0   | 0.116496 | Y    |



## Calibration

/ Tetrahydrofuran

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

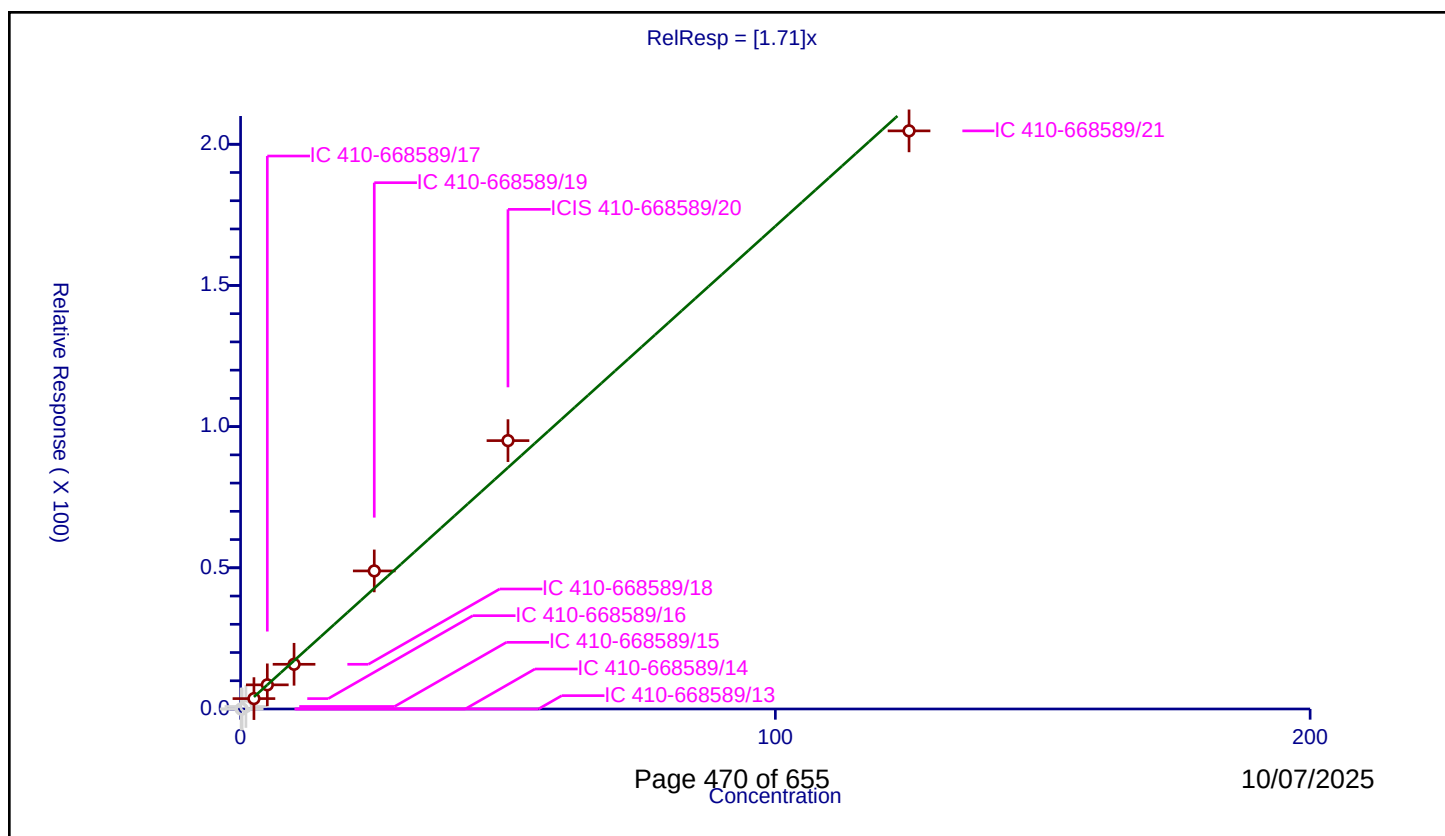
## Curve Coefficients

Intercept: 0  
Slope: 1.71

## Error Coefficients

Relative Standard Deviation: 11.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.1           | 0.0        | 50.0      | 73626.0     | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.3           | 0.0        | 50.0      | 80230.0     | 0.0      | N    |
| 3  | IC 410-668589/15   | 1.0           | 0.895906   | 50.0      | 83156.0     | 0.895906 | N    |
| 4  | IC 410-668589/16   | 2.5           | 3.677986   | 50.0      | 72295.0     | 1.471194 | Y    |
| 5  | IC 410-668589/17   | 5.0           | 8.549942   | 50.0      | 64825.0     | 1.709988 | Y    |
| 6  | IC 410-668589/18   | 10.0          | 15.828539  | 50.0      | 87437.0     | 1.582854 | Y    |
| 7  | IC 410-668589/19   | 25.0          | 48.89948   | 50.0      | 71966.0     | 1.955979 | Y    |
| 8  | ICIS 410-668589/20 | 50.0          | 95.035344  | 50.0      | 75826.0     | 1.900707 | Y    |
| 9  | IC 410-668589/21   | 125.0         | 204.735388 | 50.0      | 82517.0     | 1.637883 | Y    |



# Calibration

/ Chloroform

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

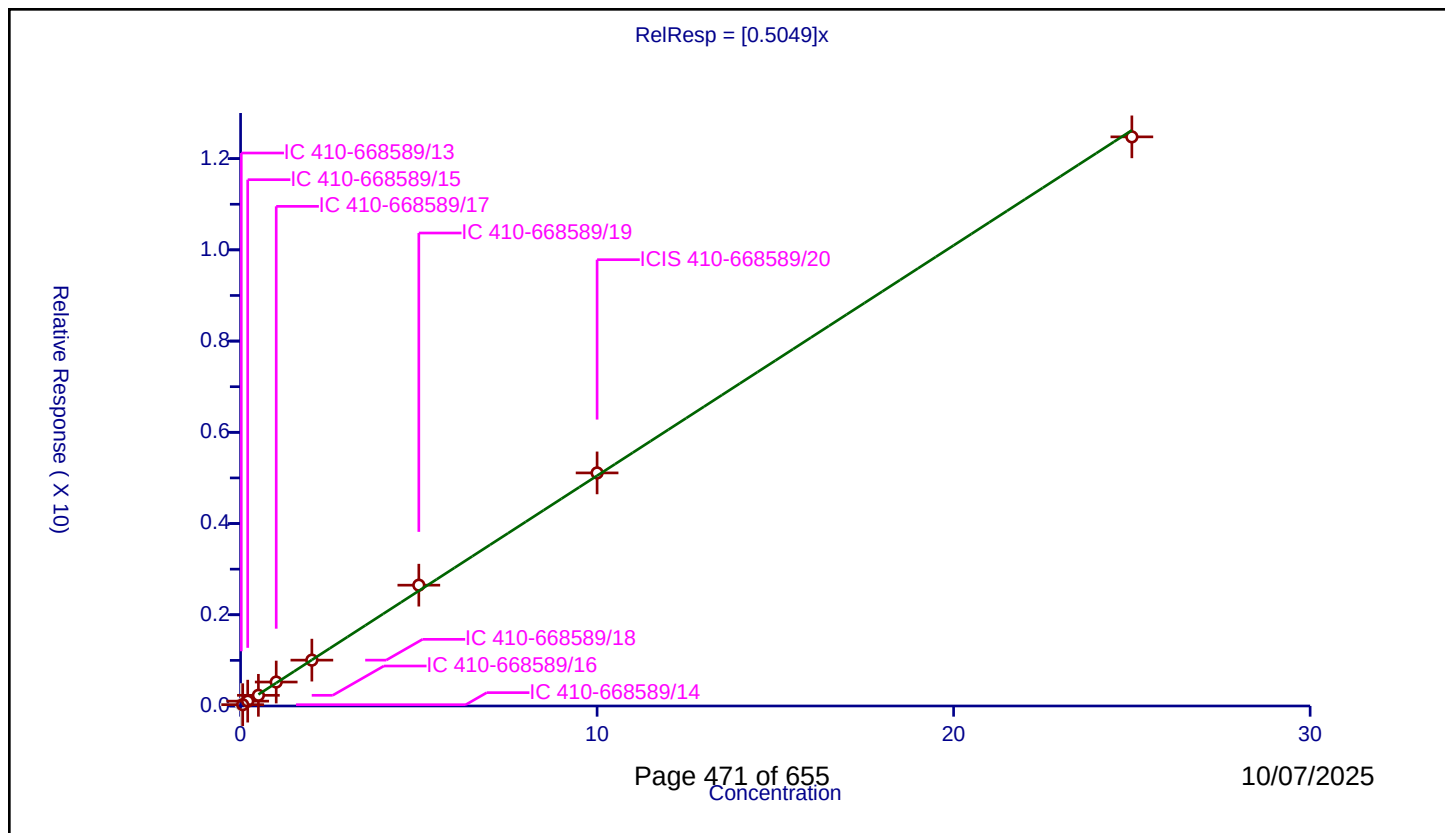
## Curve Coefficients

Intercept: 0  
Slope: 0.5049

## Error Coefficients

Relative Standard Deviation: 4.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.030894   | 10.0      | 1832045.0   | 1.544722 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.028423   | 10.0      | 1831280.0   | 0.473712 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.105961   | 10.0      | 1849831.0   | 0.529805 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.234003   | 10.0      | 1860146.0   | 0.468006 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.525182   | 10.0      | 1893953.0   | 0.525182 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.005124   | 10.0      | 1918847.0   | 0.502562 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.648507   | 10.0      | 1935362.0   | 0.529701 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 5.109959   | 10.0      | 1961552.0   | 0.510996 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 12.477058  | 10.0      | 1984911.0   | 0.499082 | Y    |



# Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

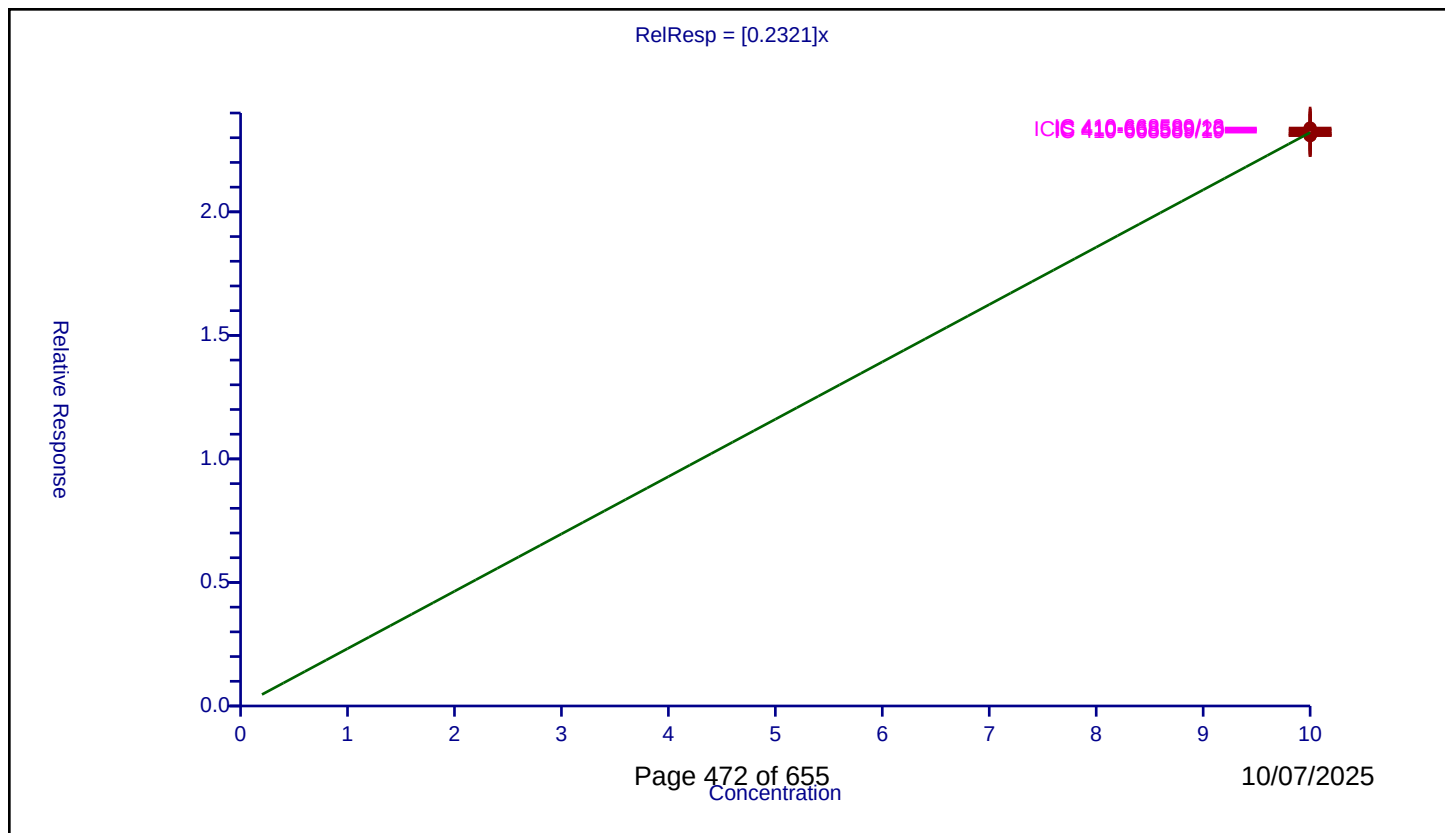
## Curve Coefficients

Intercept: 0  
 Slope: 0.2321

## Error Coefficients

Relative Standard Deviation: 0.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 10.0          | 2.33914    | 10.0      | 1832045.0   | 0.233914 | Y    |
| 2  | IC 410-668589/14   | 10.0          | 2.316642   | 10.0      | 1831280.0   | 0.231664 | Y    |
| 3  | IC 410-668589/15   | 10.0          | 2.331694   | 10.0      | 1849831.0   | 0.233169 | Y    |
| 4  | IC 410-668589/16   | 10.0          | 2.309405   | 10.0      | 1860146.0   | 0.23094  | Y    |
| 5  | IC 410-668589/17   | 10.0          | 2.308996   | 10.0      | 1893953.0   | 0.2309   | Y    |
| 6  | IC 410-668589/18   | 10.0          | 2.318955   | 10.0      | 1918847.0   | 0.231896 | Y    |
| 7  | IC 410-668589/19   | 10.0          | 2.322656   | 10.0      | 1935362.0   | 0.232266 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.331562   | 10.0      | 1961552.0   | 0.233156 | Y    |
| 9  | IC 410-668589/21   | 10.0          | 2.310366   | 10.0      | 1984911.0   | 0.231037 | Y    |



# Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

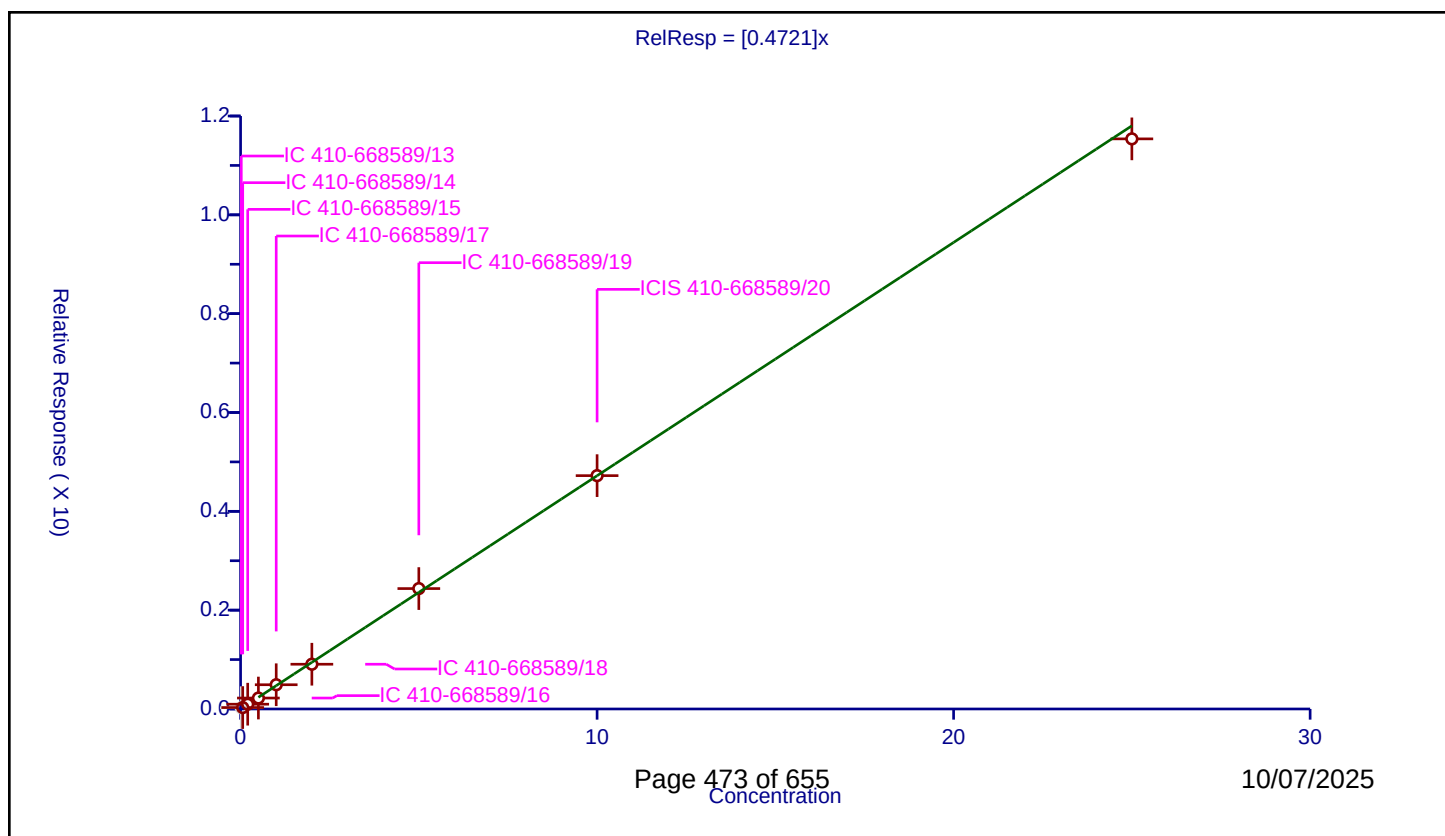
## Curve Coefficients

Intercept: 0  
Slope: 0.4721

## Error Coefficients

Relative Standard Deviation: 3.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.025458   | 10.0      | 1832045.0   | 1.272894 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.029056   | 10.0      | 1831280.0   | 0.48427  | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.096922   | 10.0      | 1849831.0   | 0.484612 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.221499   | 10.0      | 1860146.0   | 0.442997 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.490677   | 10.0      | 1893953.0   | 0.490677 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.906008   | 10.0      | 1918847.0   | 0.453004 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.436991   | 10.0      | 1935362.0   | 0.487398 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.722098   | 10.0      | 1961552.0   | 0.47221  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 11.537515  | 10.0      | 1984911.0   | 0.461501 | Y    |



## Calibration

/ Cyclohexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

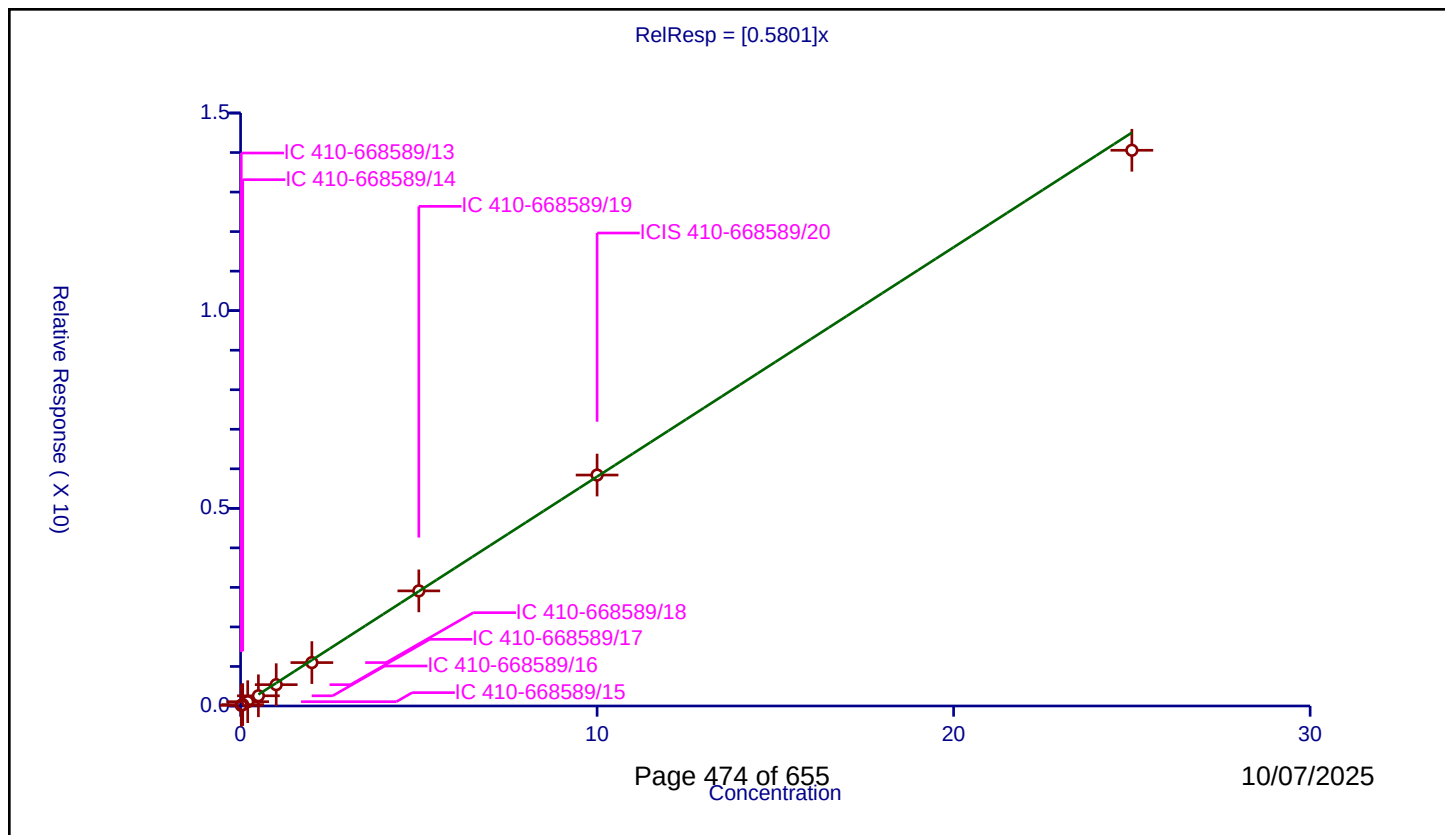
## Curve Coefficients

Intercept: 0  
Slope: 0.5801

## Error Coefficients

Relative Standard Deviation: 12.1

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.015131   | 10.0      | 1832045.0   | 0.756532 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.035254   | 10.0      | 1831280.0   | 0.587567 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.108902   | 10.0      | 1849831.0   | 0.544509 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.257754   | 10.0      | 1860146.0   | 0.515508 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.539417   | 10.0      | 1893953.0   | 0.539417 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.09768    | 10.0      | 1918847.0   | 0.54884  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.911466   | 10.0      | 1935362.0   | 0.582293 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 5.8422     | 10.0      | 1961552.0   | 0.58422  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 14.057598  | 10.0      | 1984911.0   | 0.562304 | Y    |



## Calibration

/ Carbon tetrachloride

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

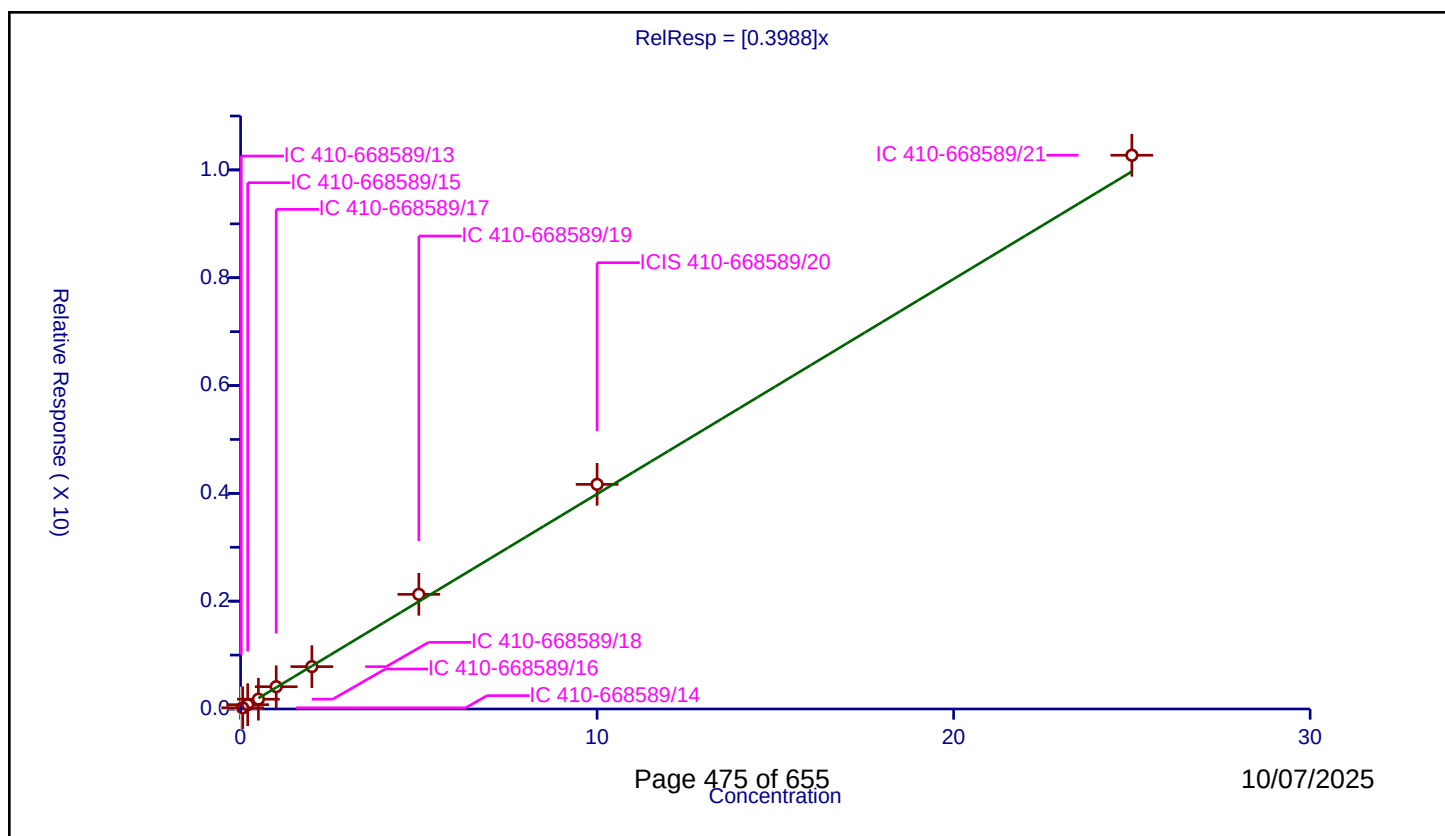
## Curve Coefficients

Intercept: 0  
Slope: 0.3988

## Error Coefficients

Relative Standard Deviation: 5.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.016479   | 10.0      | 1832045.0   | 0.823943 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.022067   | 10.0      | 1831280.0   | 0.367776 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.079932   | 10.0      | 1849831.0   | 0.399658 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.181846   | 10.0      | 1860146.0   | 0.363692 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.413495   | 10.0      | 1893953.0   | 0.413495 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.785972   | 10.0      | 1918847.0   | 0.392986 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.126755   | 10.0      | 1935362.0   | 0.425351 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.167063   | 10.0      | 1961552.0   | 0.416706 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 10.272279  | 10.0      | 1984911.0   | 0.410891 | Y    |



## Calibration

/ 1,1-Dichloropropene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

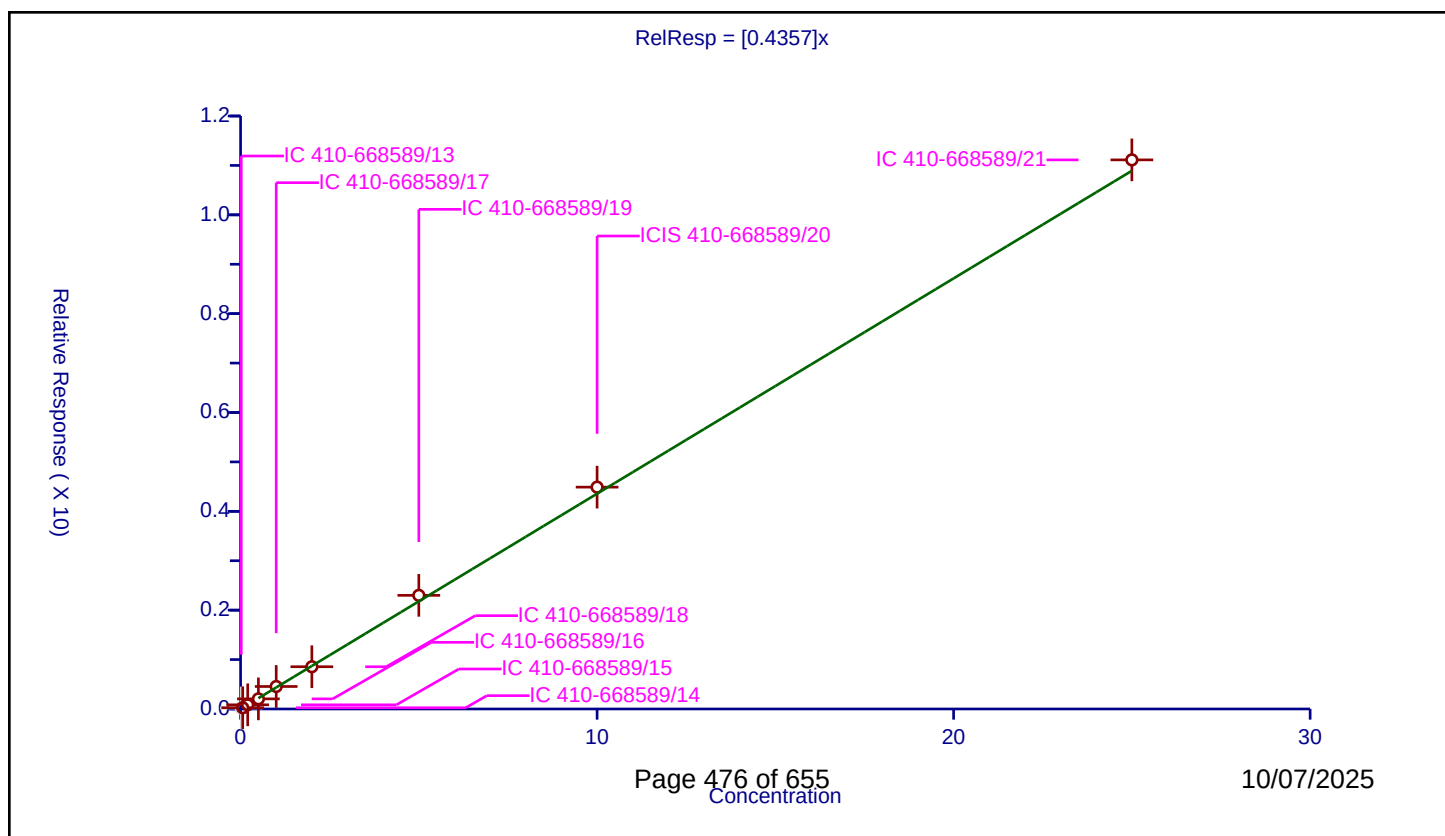
## Curve Coefficients

Intercept: 0  
Slope: 0.4357

## Error Coefficients

Relative Standard Deviation: 4.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.020382   | 10.0      | 1832045.0   | 1.01908  | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.02501    | 10.0      | 1831280.0   | 0.41683  | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.0847     | 10.0      | 1849831.0   | 0.423498 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.204608   | 10.0      | 1860146.0   | 0.409215 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.454958   | 10.0      | 1893953.0   | 0.454958 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.854862   | 10.0      | 1918847.0   | 0.427431 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.299931   | 10.0      | 1935362.0   | 0.459986 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.489573   | 10.0      | 1961552.0   | 0.448957 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 11.112423  | 10.0      | 1984911.0   | 0.444497 | Y    |





# Calibration

/ Isobutyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

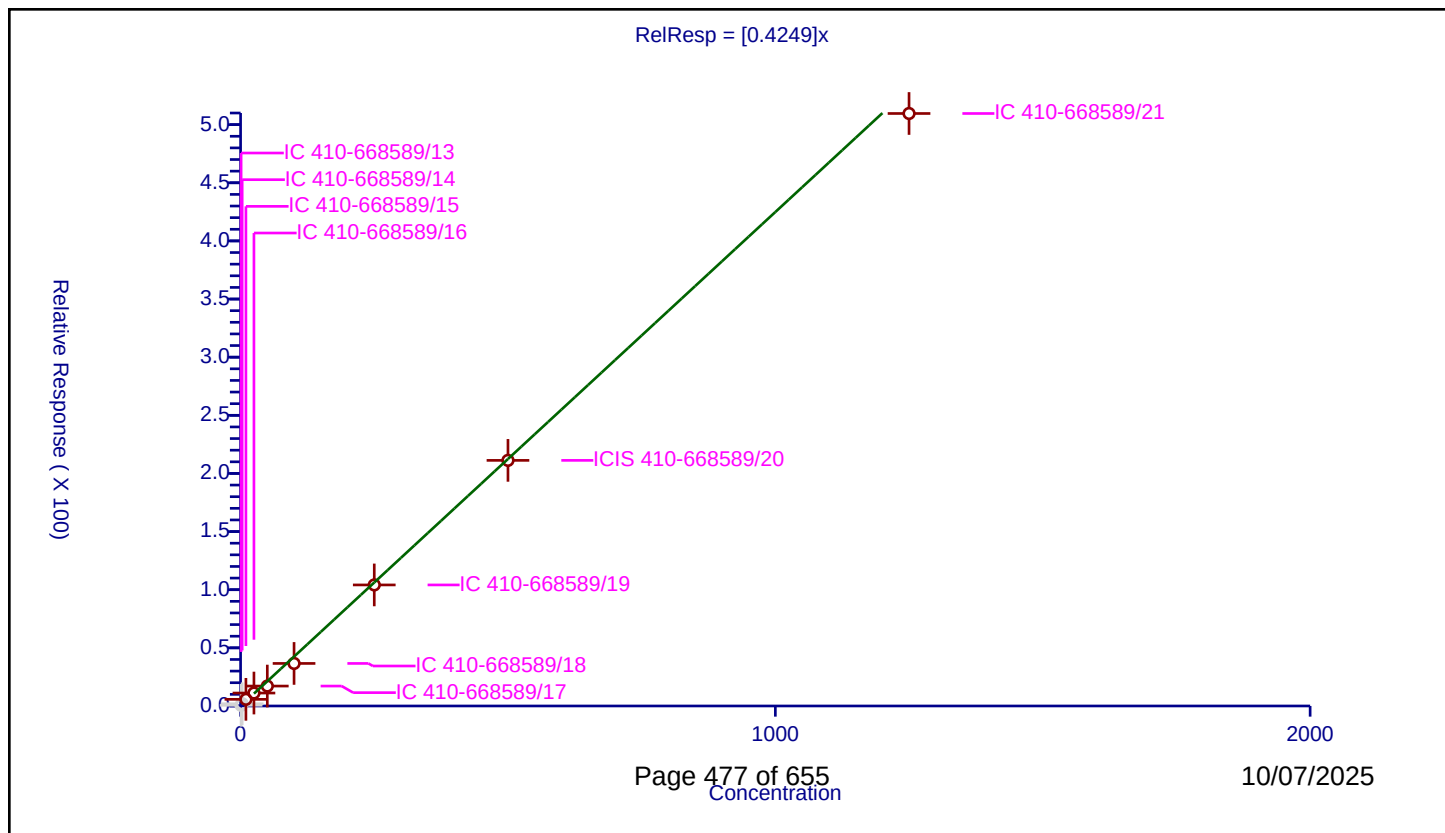
## Curve Coefficients

Intercept: 0  
 Slope: 0.4249

## Error Coefficients

Relative Standard Deviation: 17.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 1.0           | 0.61663    | 50.0      | 73626.0     | 0.61663  | N    |
| 2  | IC 410-668589/14   | 3.0           | 1.931946   | 50.0      | 80230.0     | 0.643982 | N    |
| 3  | IC 410-668589/15   | 10.0          | 5.731998   | 50.0      | 83156.0     | 0.5732   | Y    |
| 4  | IC 410-668589/16   | 25.0          | 11.135625  | 50.0      | 72295.0     | 0.445425 | Y    |
| 5  | IC 410-668589/17   | 50.0          | 17.136907  | 50.0      | 64825.0     | 0.342738 | Y    |
| 6  | IC 410-668589/18   | 100.0         | 36.60121   | 50.0      | 87437.0     | 0.366012 | Y    |
| 7  | IC 410-668589/19   | 250.0         | 104.124865 | 50.0      | 71966.0     | 0.416499 | Y    |
| 8  | ICIS 410-668589/20 | 500.0         | 211.242186 | 50.0      | 75826.0     | 0.422484 | Y    |
| 9  | IC 410-668589/21   | 1250.0        | 509.585904 | 50.0      | 82517.0     | 0.407669 | Y    |



## Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

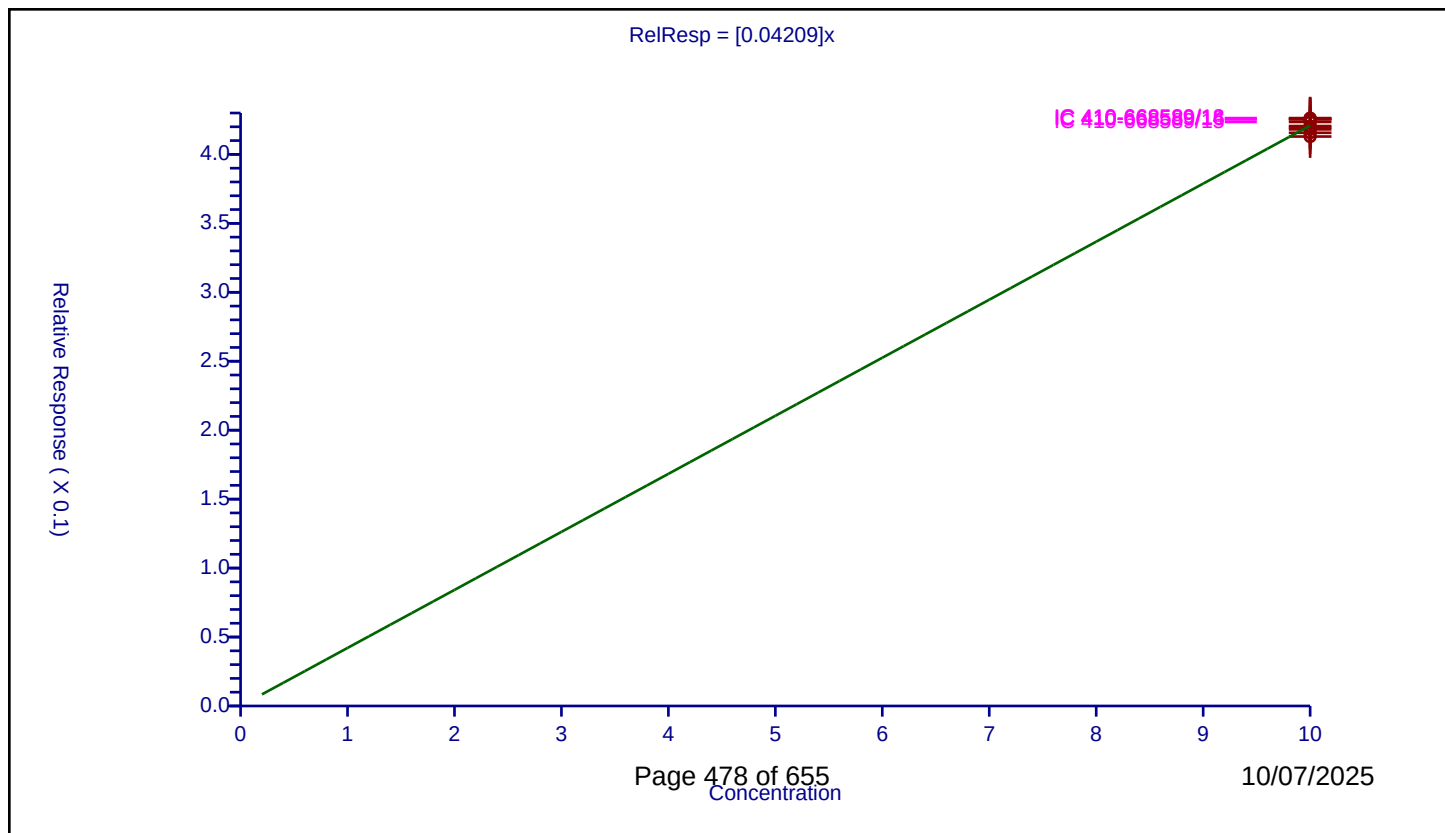
## Curve Coefficients

Intercept: 0  
Slope: 0.04209

## Error Coefficients

Relative Standard Deviation: 1.1

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 10.0          | 0.41952    | 10.0      | 1832045.0   | 0.041952 | Y    |
| 2  | IC 410-668589/14   | 10.0          | 0.425364   | 10.0      | 1831280.0   | 0.042536 | Y    |
| 3  | IC 410-668589/15   | 10.0          | 0.423514   | 10.0      | 1849831.0   | 0.042351 | Y    |
| 4  | IC 410-668589/16   | 10.0          | 0.42587    | 10.0      | 1860146.0   | 0.042587 | Y    |
| 5  | IC 410-668589/17   | 10.0          | 0.41566    | 10.0      | 1893953.0   | 0.041566 | Y    |
| 6  | IC 410-668589/18   | 10.0          | 0.426298   | 10.0      | 1918847.0   | 0.04263  | Y    |
| 7  | IC 410-668589/19   | 10.0          | 0.412951   | 10.0      | 1935362.0   | 0.041295 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 0.418133   | 10.0      | 1961552.0   | 0.041813 | Y    |
| 9  | IC 410-668589/21   | 10.0          | 0.420558   | 10.0      | 1984911.0   | 0.042056 | Y    |



## Calibration

/ Benzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

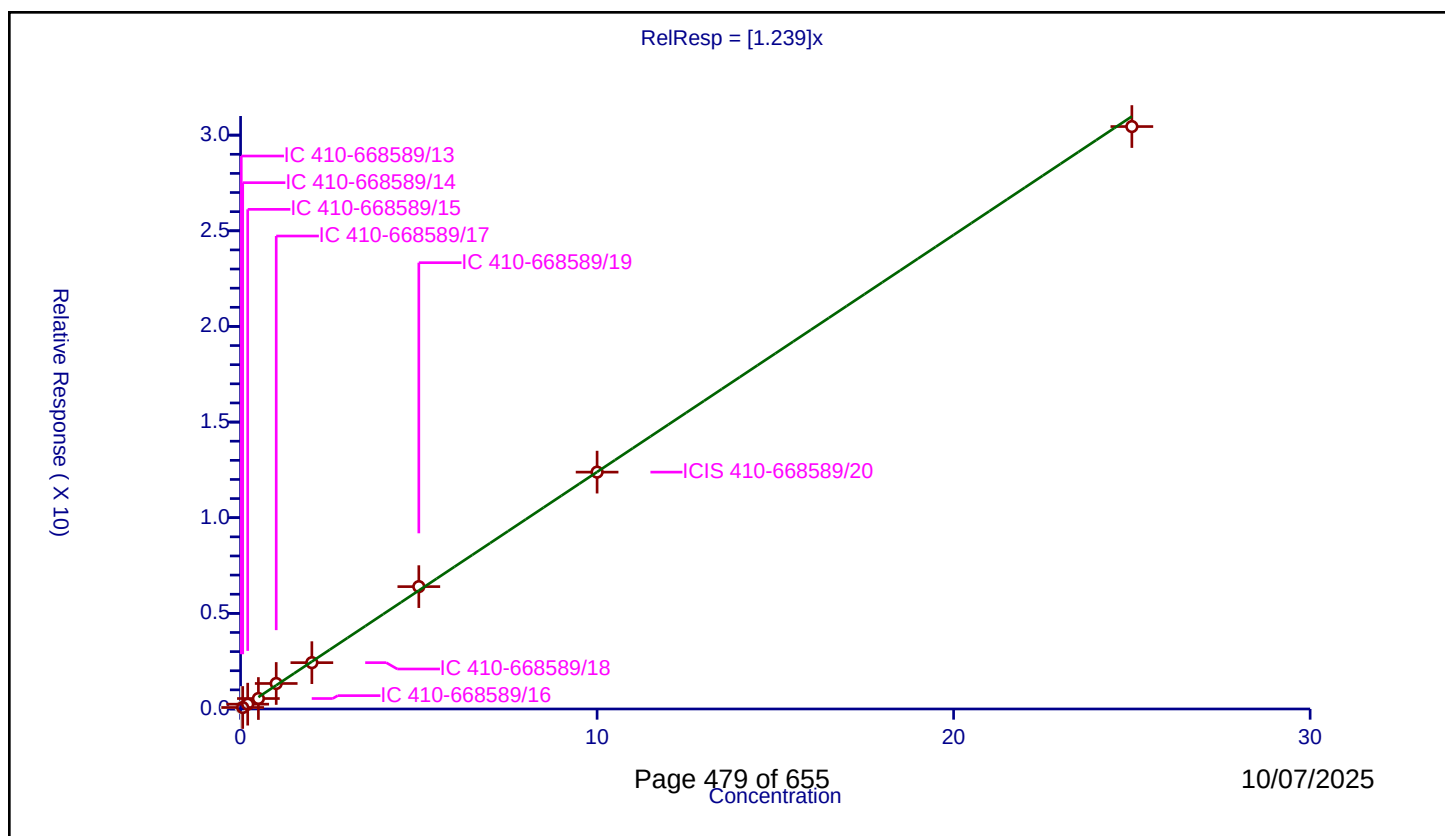
## Curve Coefficients

Intercept: 0  
Slope: 1.239

## Error Coefficients

Relative Standard Deviation: 5.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.077591   | 10.0      | 1832045.0   | 3.879544 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.076706   | 10.0      | 1831280.0   | 1.278432 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.251969   | 10.0      | 1849831.0   | 1.259845 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.547054   | 10.0      | 1860146.0   | 1.094108 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.33385    | 10.0      | 1893953.0   | 1.33385  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 2.422147   | 10.0      | 1918847.0   | 1.211074 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 6.397496   | 10.0      | 1935362.0   | 1.279499 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 12.383704  | 10.0      | 1961552.0   | 1.23837  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 30.449088  | 10.0      | 1984911.0   | 1.217964 | Y    |



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

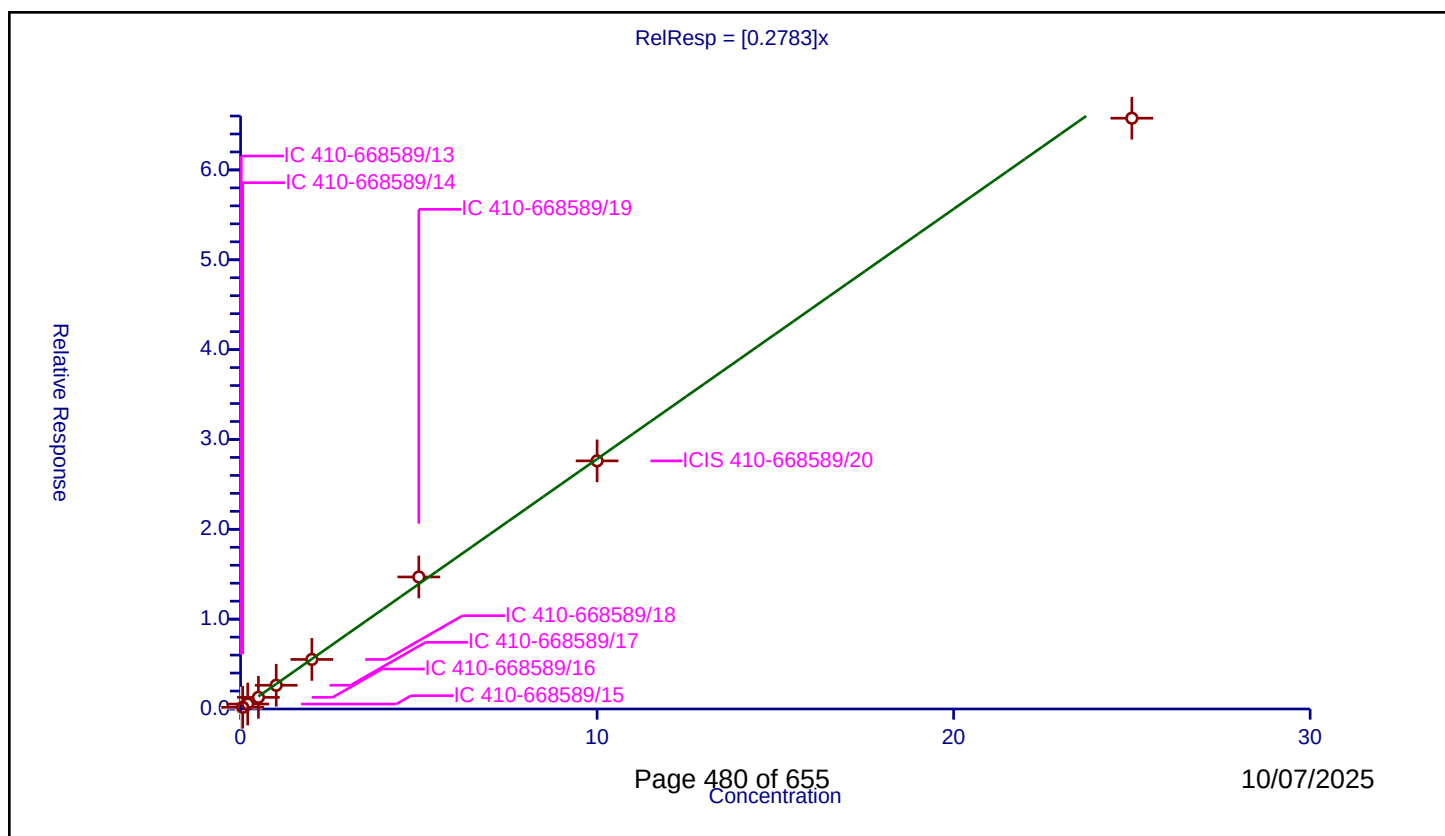
## Curve Coefficients

Intercept: 0  
 Slope: 0.2783

## Error Coefficients

Relative Standard Deviation: 7.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.009978   | 10.0      | 1832045.0   | 0.498896 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.019074   | 10.0      | 1831280.0   | 0.317902 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.055162   | 10.0      | 1849831.0   | 0.275809 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.129743   | 10.0      | 1860146.0   | 0.259485 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.264014   | 10.0      | 1893953.0   | 0.264014 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.551498   | 10.0      | 1918847.0   | 0.275749 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.469394   | 10.0      | 1935362.0   | 0.293879 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.761716   | 10.0      | 1961552.0   | 0.276172 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 6.575514   | 10.0      | 1984911.0   | 0.263021 | Y    |



## Calibration

/ Tert-amyl methyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

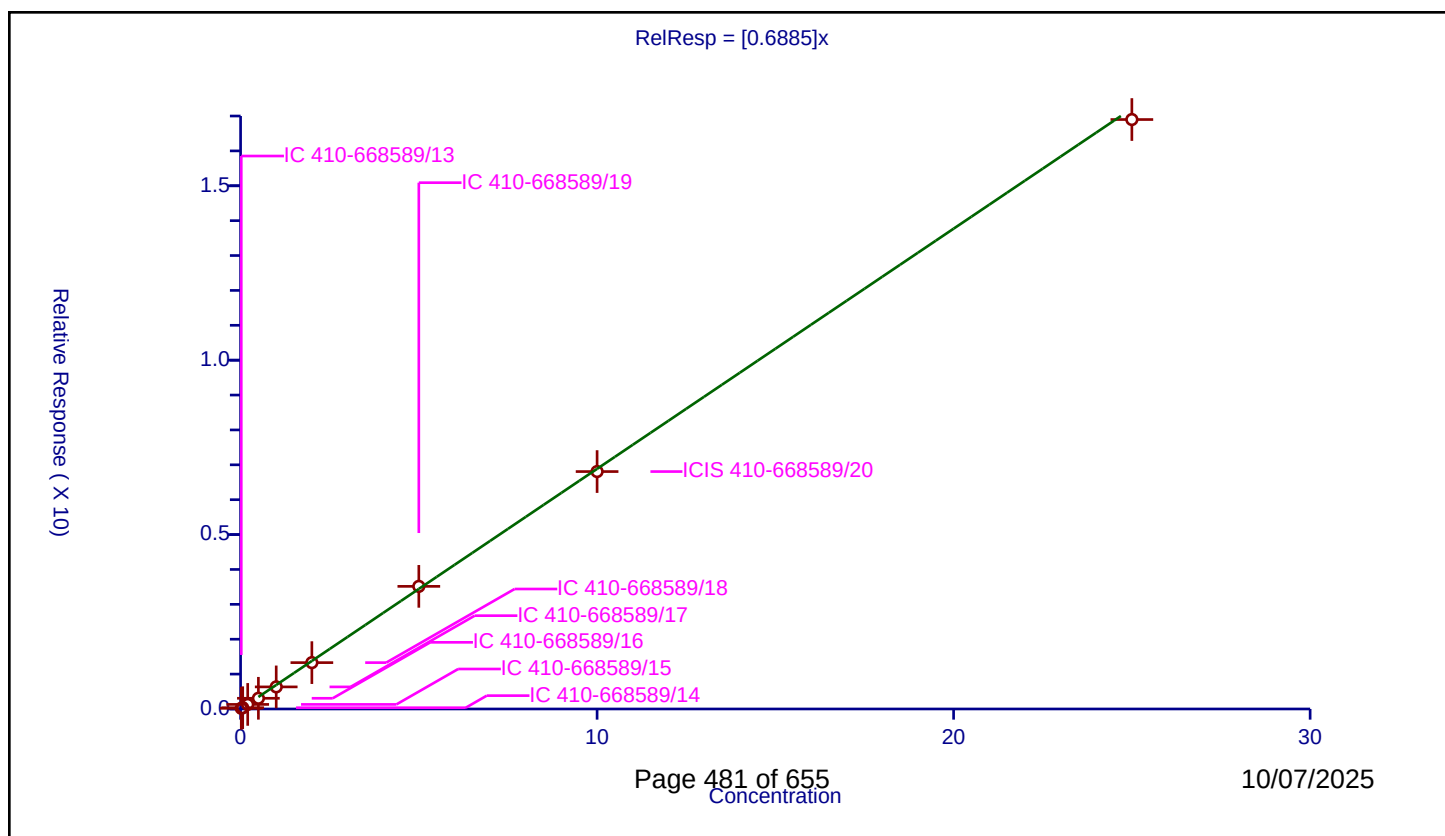
## Curve Coefficients

Intercept: 0  
Slope: 0.6885

## Error Coefficients

Relative Standard Deviation: 15.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.019301   | 10.0      | 1832045.0   | 0.965042 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.036357   | 10.0      | 1831280.0   | 0.605951 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.130774   | 10.0      | 1849831.0   | 0.653871 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.306895   | 10.0      | 1860146.0   | 0.613791 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.633469   | 10.0      | 1893953.0   | 0.633469 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.328881   | 10.0      | 1918847.0   | 0.664441 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 3.515838   | 10.0      | 1935362.0   | 0.703168 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 6.807146   | 10.0      | 1961552.0   | 0.680715 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 16.899418  | 10.0      | 1984911.0   | 0.675977 | Y    |



## Calibration

/ n-Heptane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

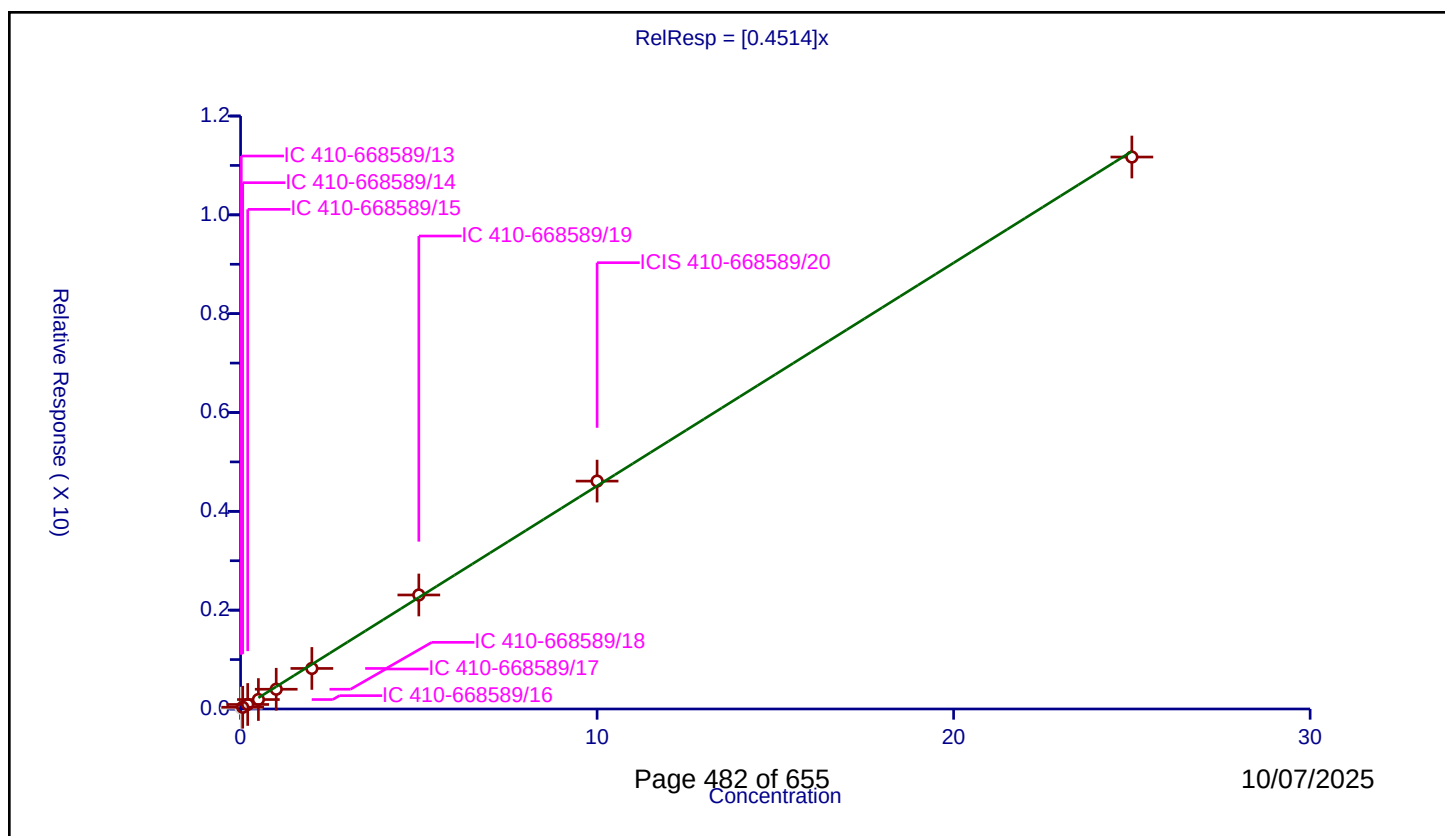
## Curve Coefficients

Intercept: 0  
Slope: 0.4514

## Error Coefficients

Relative Standard Deviation: 14.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.017298   | 10.0      | 1832045.0   | 0.864881 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.035434   | 10.0      | 1831280.0   | 0.590571 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.091679   | 10.0      | 1849831.0   | 0.458393 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.191383   | 10.0      | 1860146.0   | 0.382766 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.399751   | 10.0      | 1893953.0   | 0.399751 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.820508   | 10.0      | 1918847.0   | 0.410254 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.307067   | 10.0      | 1935362.0   | 0.461413 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.611603   | 10.0      | 1961552.0   | 0.46116  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 11.169916  | 10.0      | 1984911.0   | 0.446797 | Y    |



## Calibration

/ n-Butanol

Curve Type: Linear  
Weighting: None  
Origin: None  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

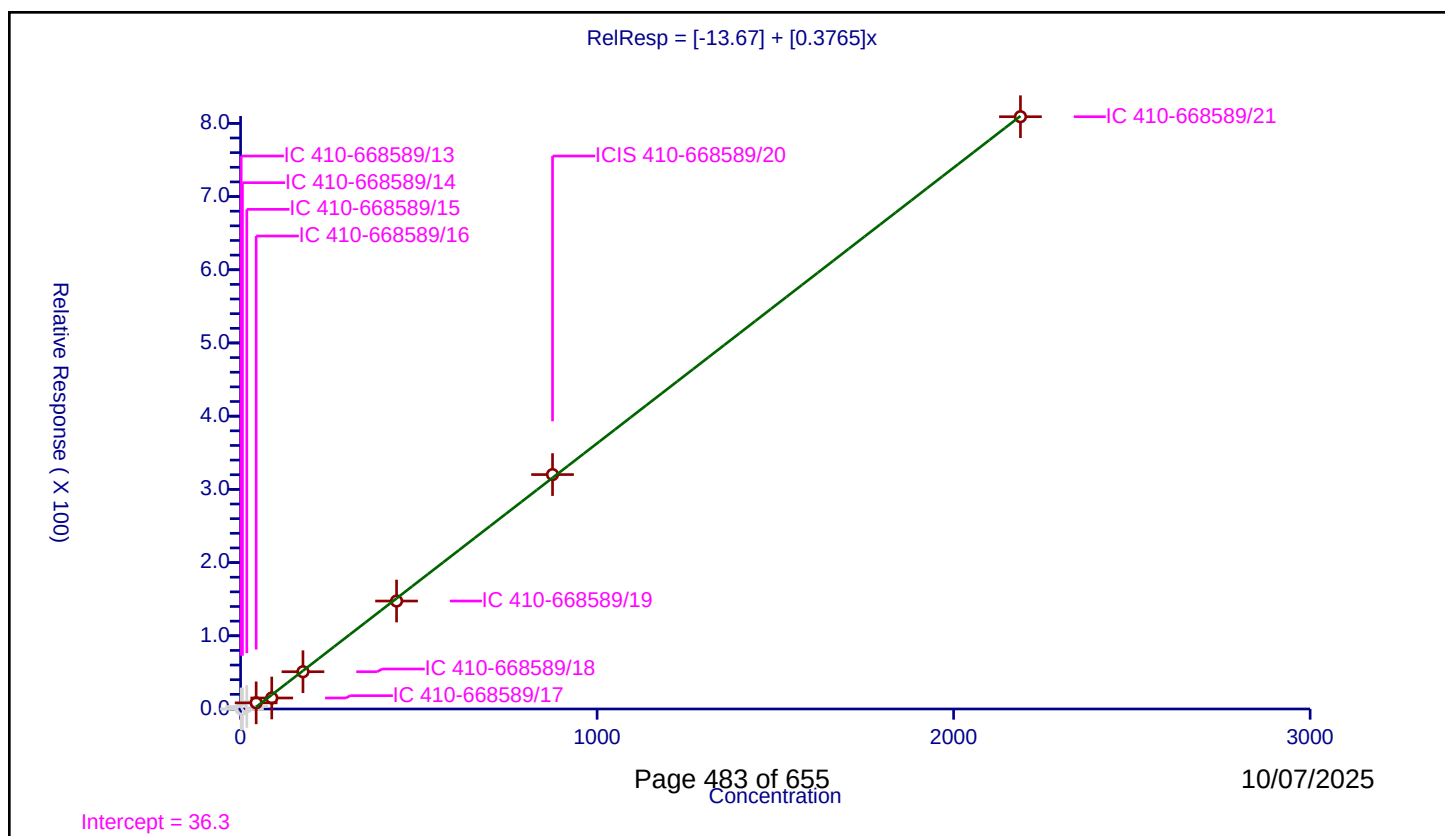
## Curve Coefficients

Intercept: -13.67  
Slope: 0.3765

## Error Coefficients

Relative Standard Deviation: 18.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 1.75          | 0.0        | 50.0      | 73626.0     | 0.0      | N    |
| 2  | IC 410-668589/14   | 5.25          | 0.0        | 50.0      | 80230.0     | 0.0      | N    |
| 3  | IC 410-668589/15   | 17.5          | 3.41166    | 50.0      | 83156.0     | 0.194952 | N    |
| 4  | IC 410-668589/16   | 43.75         | 8.414137   | 50.0      | 72295.0     | 0.192323 | Y    |
| 5  | IC 410-668589/17   | 87.5          | 15.022754  | 50.0      | 64825.0     | 0.171689 | Y    |
| 6  | IC 410-668589/18   | 175.0         | 50.900077  | 50.0      | 87437.0     | 0.290858 | Y    |
| 7  | IC 410-668589/19   | 437.5         | 147.490482 | 50.0      | 71966.0     | 0.337121 | Y    |
| 8  | ICIS 410-668589/20 | 875.0         | 320.224593 | 50.0      | 75826.0     | 0.365971 | Y    |
| 9  | IC 410-668589/21   | 2187.5        | 809.062375 | 50.0      | 82517.0     | 0.369857 | Y    |



## Calibration

/ Trichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

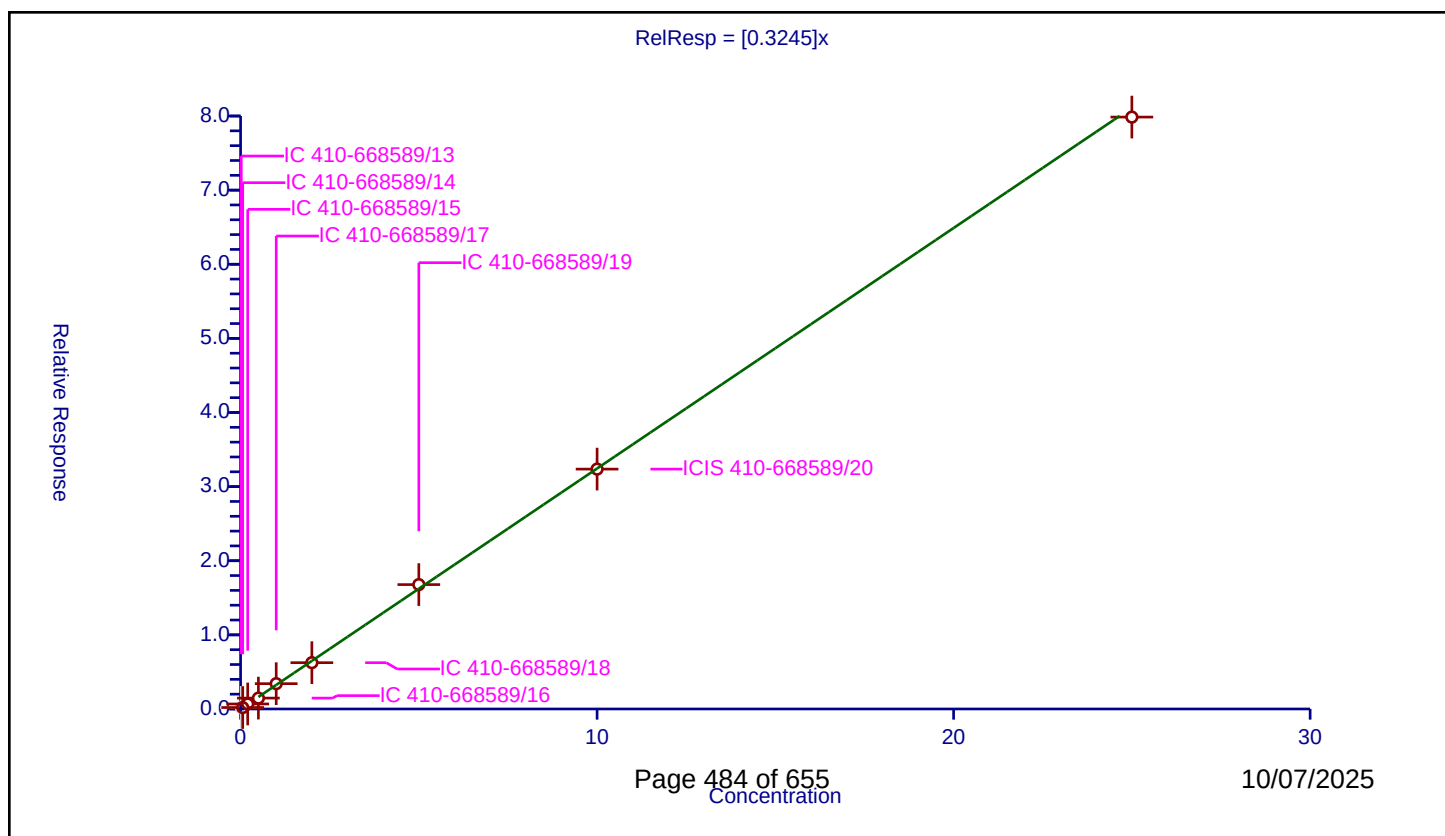
## Curve Coefficients

Intercept: 0  
Slope: 0.3245

## Error Coefficients

Relative Standard Deviation: 4.9

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.020518   | 10.0      | 1832045.0   | 1.025903 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.019784   | 10.0      | 1831280.0   | 0.329733 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.067882   | 10.0      | 1849831.0   | 0.339409 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.146849   | 10.0      | 1860146.0   | 0.293697 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.341629   | 10.0      | 1893953.0   | 0.341629 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.624901   | 10.0      | 1918847.0   | 0.312451 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.67827    | 10.0      | 1935362.0   | 0.335654 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.236259   | 10.0      | 1961552.0   | 0.323626 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 7.985517   | 10.0      | 1984911.0   | 0.319421 | Y    |





## Calibration

/ Methylcyclohexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

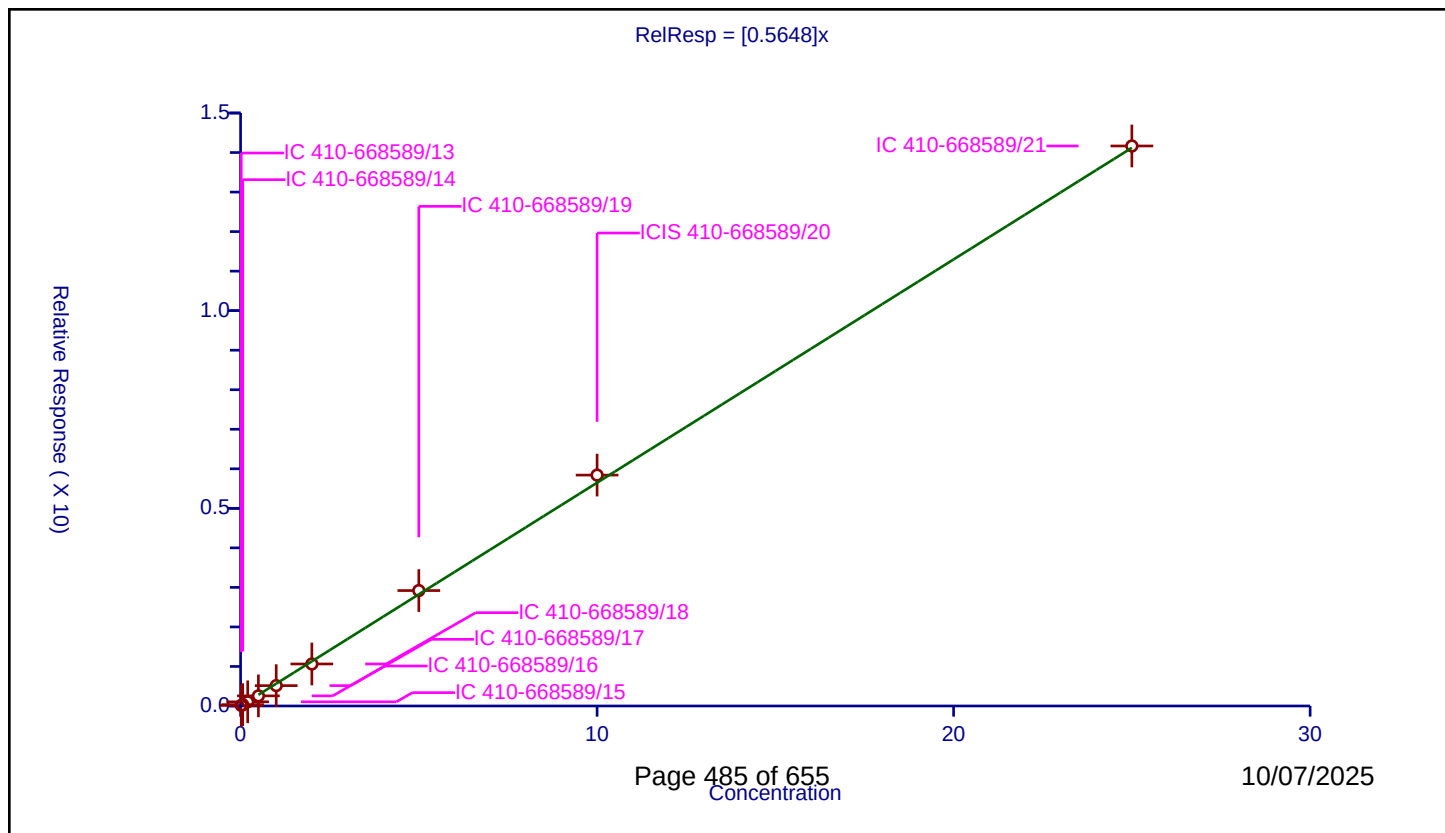
## Curve Coefficients

Intercept: 0  
Slope: 0.5648

## Error Coefficients

Relative Standard Deviation: 10.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.013979   | 10.0      | 1832045.0   | 0.698946 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.033927   | 10.0      | 1831280.0   | 0.565451 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.105274   | 10.0      | 1849831.0   | 0.526372 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.255781   | 10.0      | 1860146.0   | 0.511562 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.515092   | 10.0      | 1893953.0   | 0.515092 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.062477   | 10.0      | 1918847.0   | 0.531238 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.919981   | 10.0      | 1935362.0   | 0.583996 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 5.84061    | 10.0      | 1961552.0   | 0.584061 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 14.165895  | 10.0      | 1984911.0   | 0.566636 | Y    |



## Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

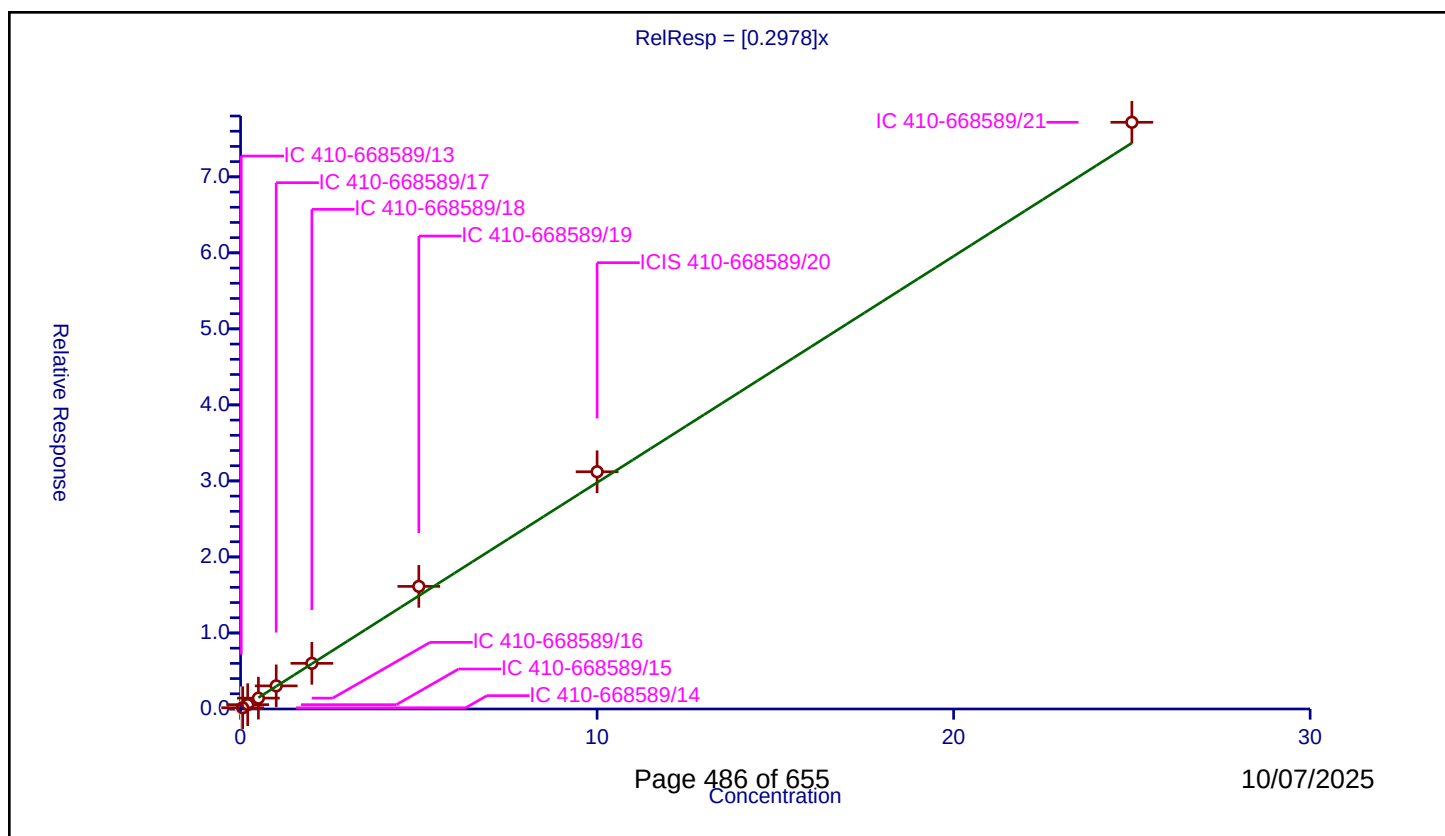
## Curve Coefficients

Intercept: 0  
Slope: 0.2978

## Error Coefficients

Relative Standard Deviation: 6.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.014847   | 10.0      | 1832045.0   | 0.74234  | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.015814   | 10.0      | 1831280.0   | 0.263568 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.057086   | 10.0      | 1849831.0   | 0.285431 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.142924   | 10.0      | 1860146.0   | 0.285849 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.303904   | 10.0      | 1893953.0   | 0.303904 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.600621   | 10.0      | 1918847.0   | 0.300311 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.61284    | 10.0      | 1935362.0   | 0.322568 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.120549   | 10.0      | 1961552.0   | 0.312055 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 7.71754    | 10.0      | 1984911.0   | 0.308702 | Y    |



## Calibration

/ 1,4-Dioxane

Curve Type: Linear  
Weighting: Conc  
Origin: None  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

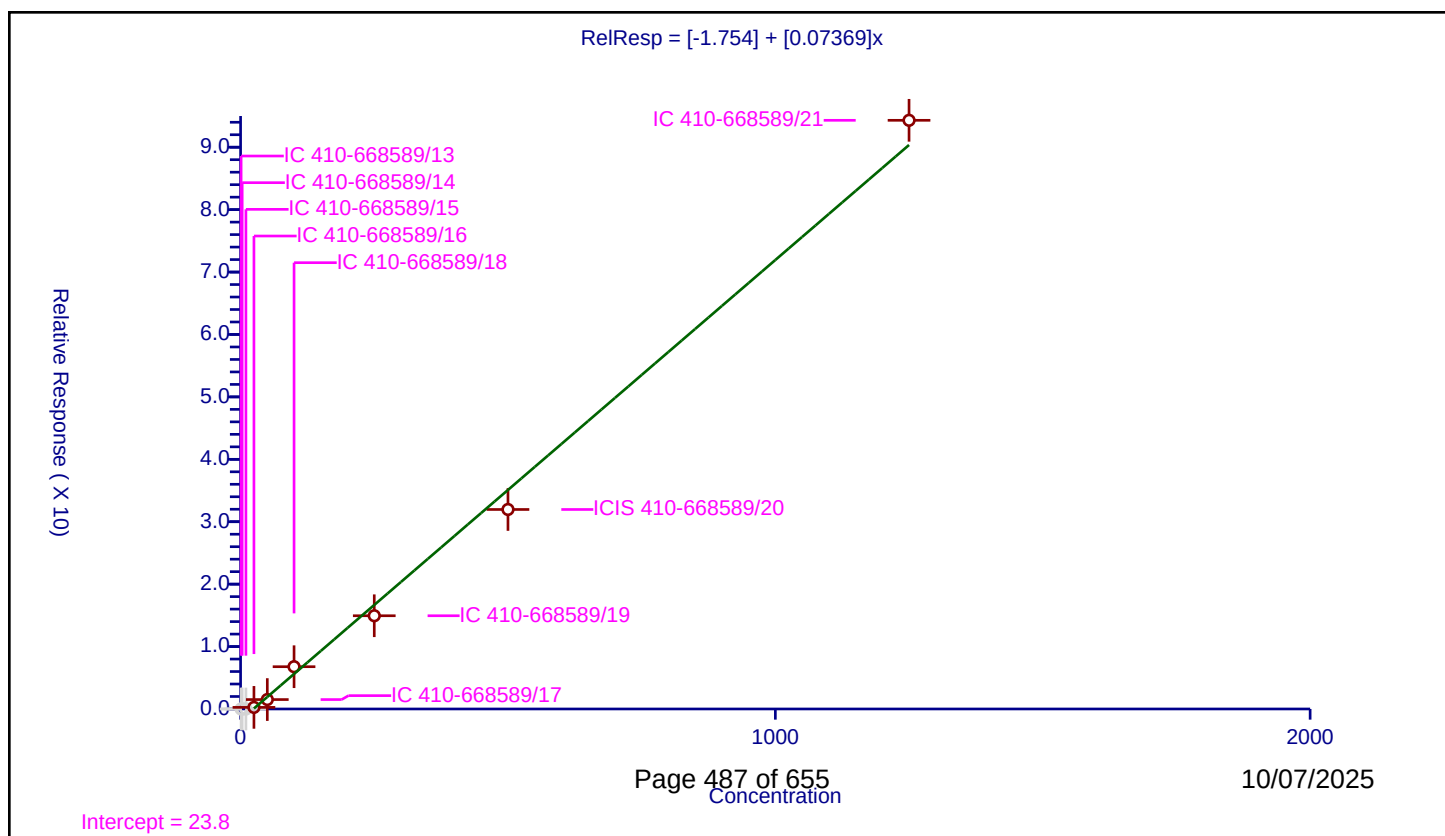
## Curve Coefficients

Intercept: -1.754  
Slope: 0.07369

## Error Coefficients

Relative Standard Deviation: 12.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 1.0           | 0.0        | 50.0      | 73626.0     | 0.0      | N    |
| 2  | IC 410-668589/14   | 3.0           | 0.0        | 50.0      | 80230.0     | 0.0      | N    |
| 3  | IC 410-668589/15   | 10.0          | 0.0        | 50.0      | 83156.0     | 0.0      | N    |
| 4  | IC 410-668589/16   | 25.0          | 0.259354   | 50.0      | 72295.0     | 0.010374 | Y    |
| 5  | IC 410-668589/17   | 50.0          | 1.510991   | 50.0      | 64825.0     | 0.03022  | Y    |
| 6  | IC 410-668589/18   | 100.0         | 6.771733   | 50.0      | 87437.0     | 0.067717 | Y    |
| 7  | IC 410-668589/19   | 250.0         | 14.938999  | 50.0      | 71966.0     | 0.059756 | Y    |
| 8  | ICIS 410-668589/20 | 500.0         | 31.962651  | 50.0      | 75826.0     | 0.063925 | Y    |
| 9  | IC 410-668589/21   | 1250.0        | 94.310263  | 50.0      | 82517.0     | 0.075448 | Y    |



## Calibration

/ Methyl methacrylate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

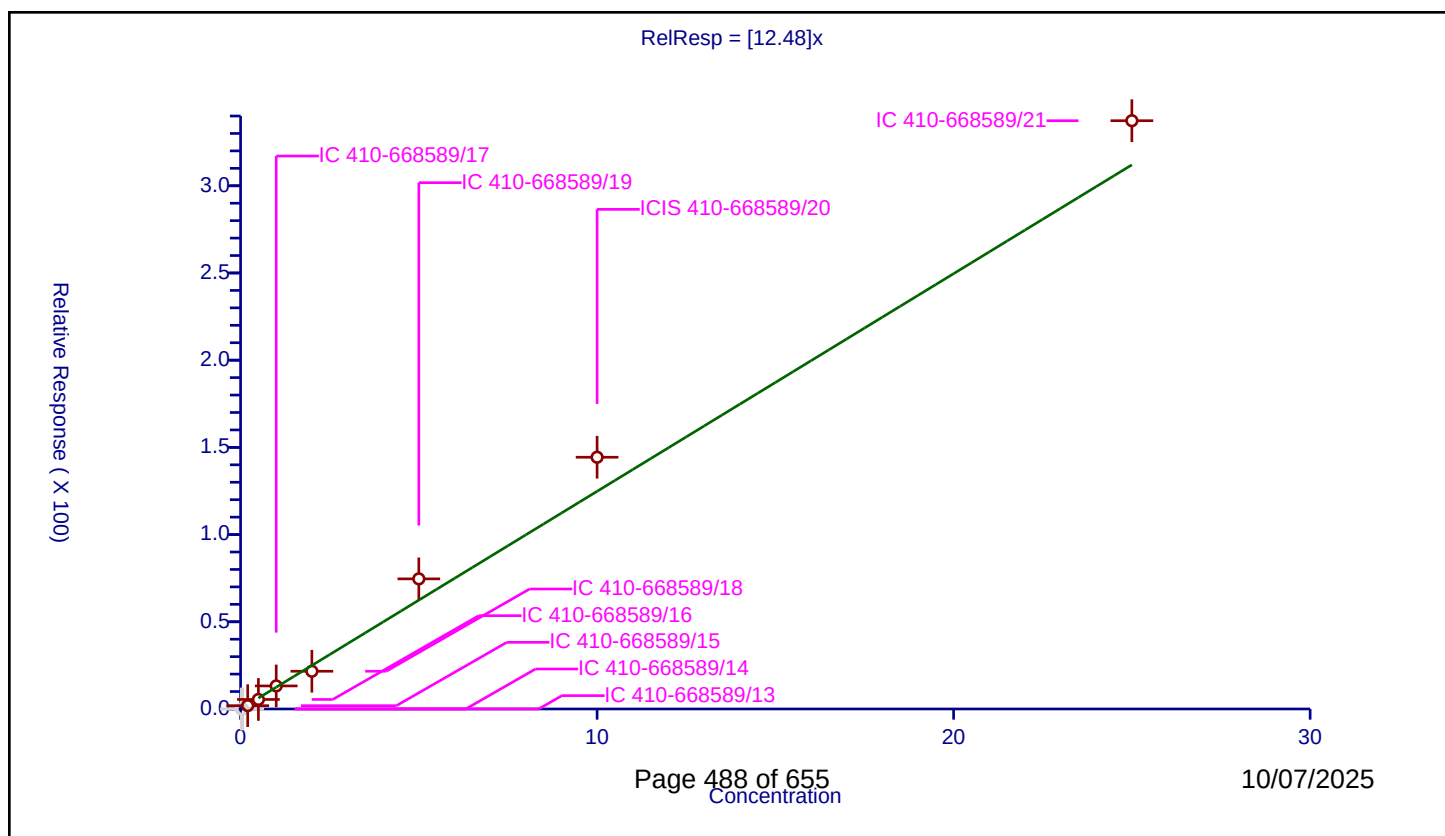
## Curve Coefficients

Intercept: 0  
Slope: 12.48

## Error Coefficients

Relative Standard Deviation: 16.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF       | Used |
|----|--------------------|---------------|------------|-----------|-------------|-----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 50.0      | 73626.0     | 0.0       | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.0        | 50.0      | 80230.0     | 0.0       | N    |
| 3  | IC 410-668589/15   | 0.2           | 1.908461   | 50.0      | 83156.0     | 9.542306  | Y    |
| 4  | IC 410-668589/16   | 0.5           | 5.467183   | 50.0      | 72295.0     | 10.934366 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 13.214038  | 50.0      | 64825.0     | 13.214038 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 21.645299  | 50.0      | 87437.0     | 10.822649 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 74.611622  | 50.0      | 71966.0     | 14.922324 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 144.341651 | 50.0      | 75826.0     | 14.434165 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 337.313523 | 50.0      | 82517.0     | 13.492541 | Y    |



## Calibration

/ Dibromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

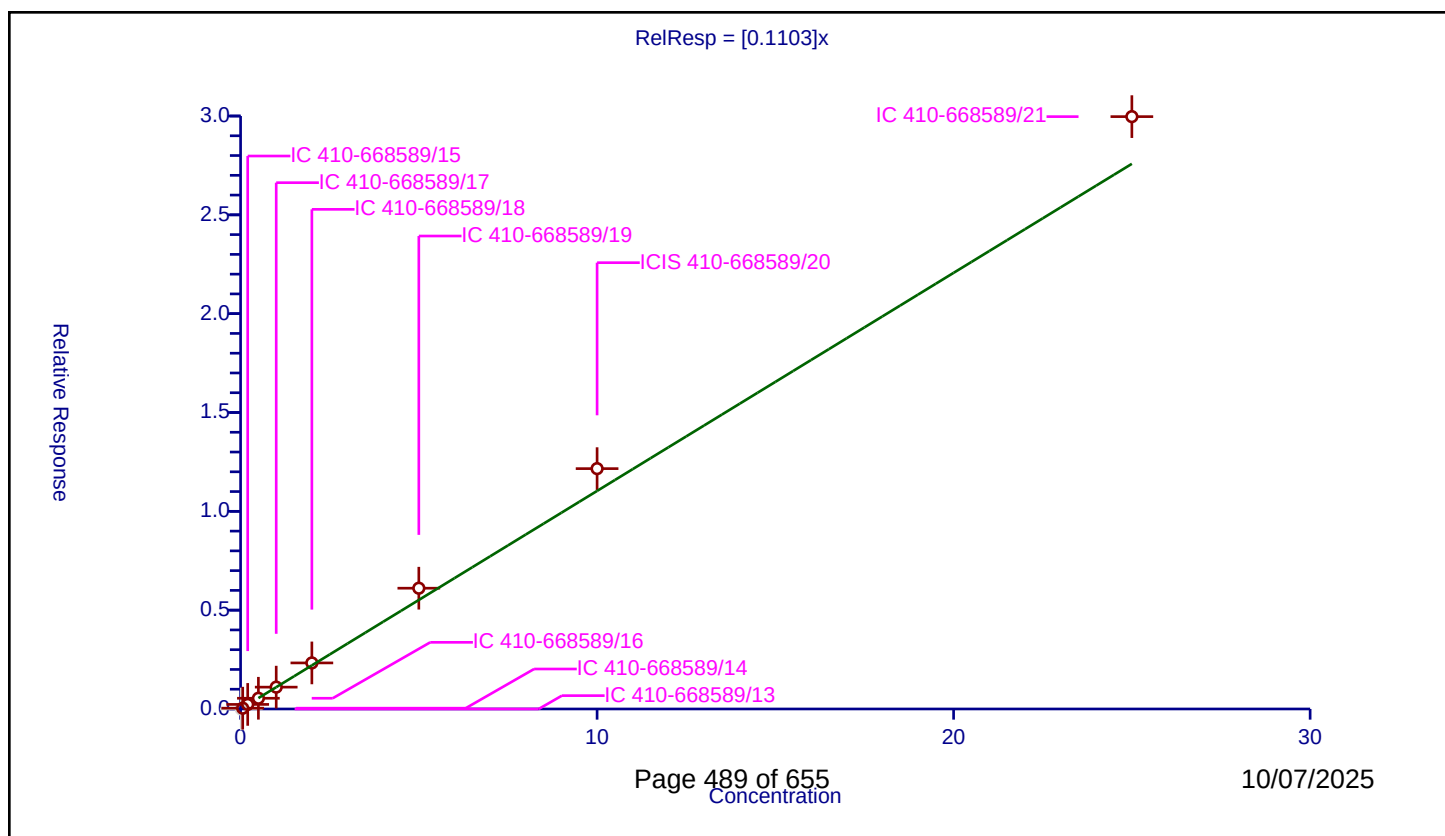
## Curve Coefficients

Intercept: 0  
Slope: 0.1103

## Error Coefficients

Relative Standard Deviation: 16.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 10.0      | 1832045.0   | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.004068   | 10.0      | 1831280.0   | 0.067803 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.023078   | 10.0      | 1849831.0   | 0.115389 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.054313   | 10.0      | 1860146.0   | 0.108626 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.110557   | 10.0      | 1893953.0   | 0.110557 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.233067   | 10.0      | 1918847.0   | 0.116534 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 0.611069   | 10.0      | 1935362.0   | 0.122214 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 1.216083   | 10.0      | 1961552.0   | 0.121608 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 2.996895   | 10.0      | 1984911.0   | 0.119876 | Y    |



## Calibration

/ Dichlorobromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

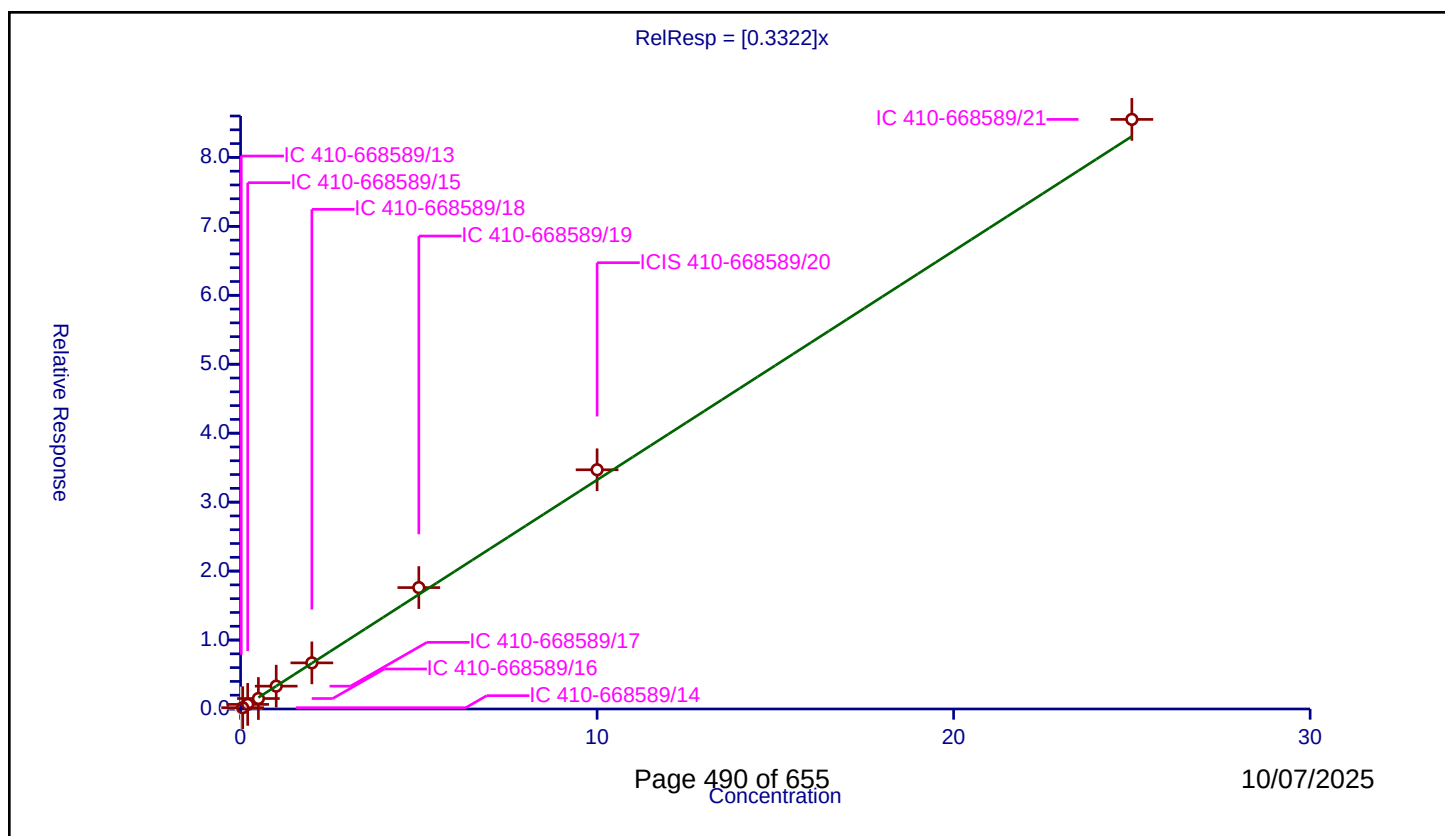
## Curve Coefficients

Intercept: 0  
Slope: 0.3322

## Error Coefficients

Relative Standard Deviation: 5.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.013586   | 10.0      | 1832045.0   | 0.679296 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.018763   | 10.0      | 1831280.0   | 0.312714 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.066839   | 10.0      | 1849831.0   | 0.334193 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.151816   | 10.0      | 1860146.0   | 0.303632 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.331413   | 10.0      | 1893953.0   | 0.331413 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.668938   | 10.0      | 1918847.0   | 0.334469 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.760771   | 10.0      | 1935362.0   | 0.352154 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.469329   | 10.0      | 1961552.0   | 0.346933 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 8.550917   | 10.0      | 1984911.0   | 0.342037 | Y    |



## Calibration

/ 2-Nitropropane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

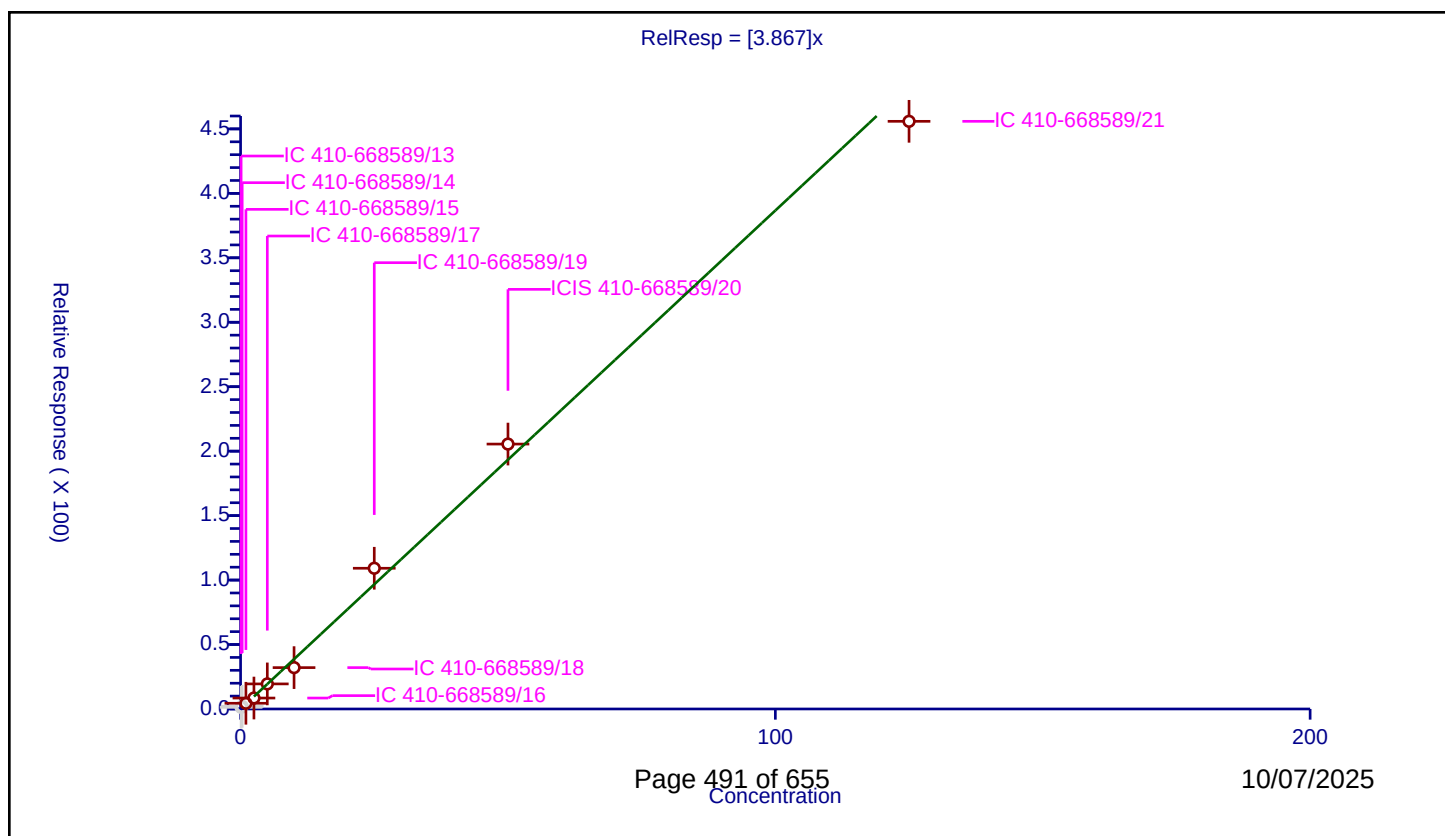
## Curve Coefficients

Intercept: 0  
Slope: 3.867

## Error Coefficients

Relative Standard Deviation: 12.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.1           | 1.264499   | 50.0      | 73626.0     | 12.64499 | N    |
| 2  | IC 410-668589/14   | 0.3           | 2.031036   | 50.0      | 80230.0     | 6.770119 | N    |
| 3  | IC 410-668589/15   | 1.0           | 4.443456   | 50.0      | 83156.0     | 4.443456 | Y    |
| 4  | IC 410-668589/16   | 2.5           | 8.498513   | 50.0      | 72295.0     | 3.399405 | Y    |
| 5  | IC 410-668589/17   | 5.0           | 19.460856  | 50.0      | 64825.0     | 3.892171 | Y    |
| 6  | IC 410-668589/18   | 10.0          | 32.097396  | 50.0      | 87437.0     | 3.20974  | Y    |
| 7  | IC 410-668589/19   | 25.0          | 109.180724 | 50.0      | 71966.0     | 4.367229 | Y    |
| 8  | ICIS 410-668589/20 | 50.0          | 205.515259 | 50.0      | 75826.0     | 4.110305 | Y    |
| 9  | IC 410-668589/21   | 125.0         | 455.893331 | 50.0      | 82517.0     | 3.647147 | Y    |



## Calibration

/ 1-Bromo-2-chloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

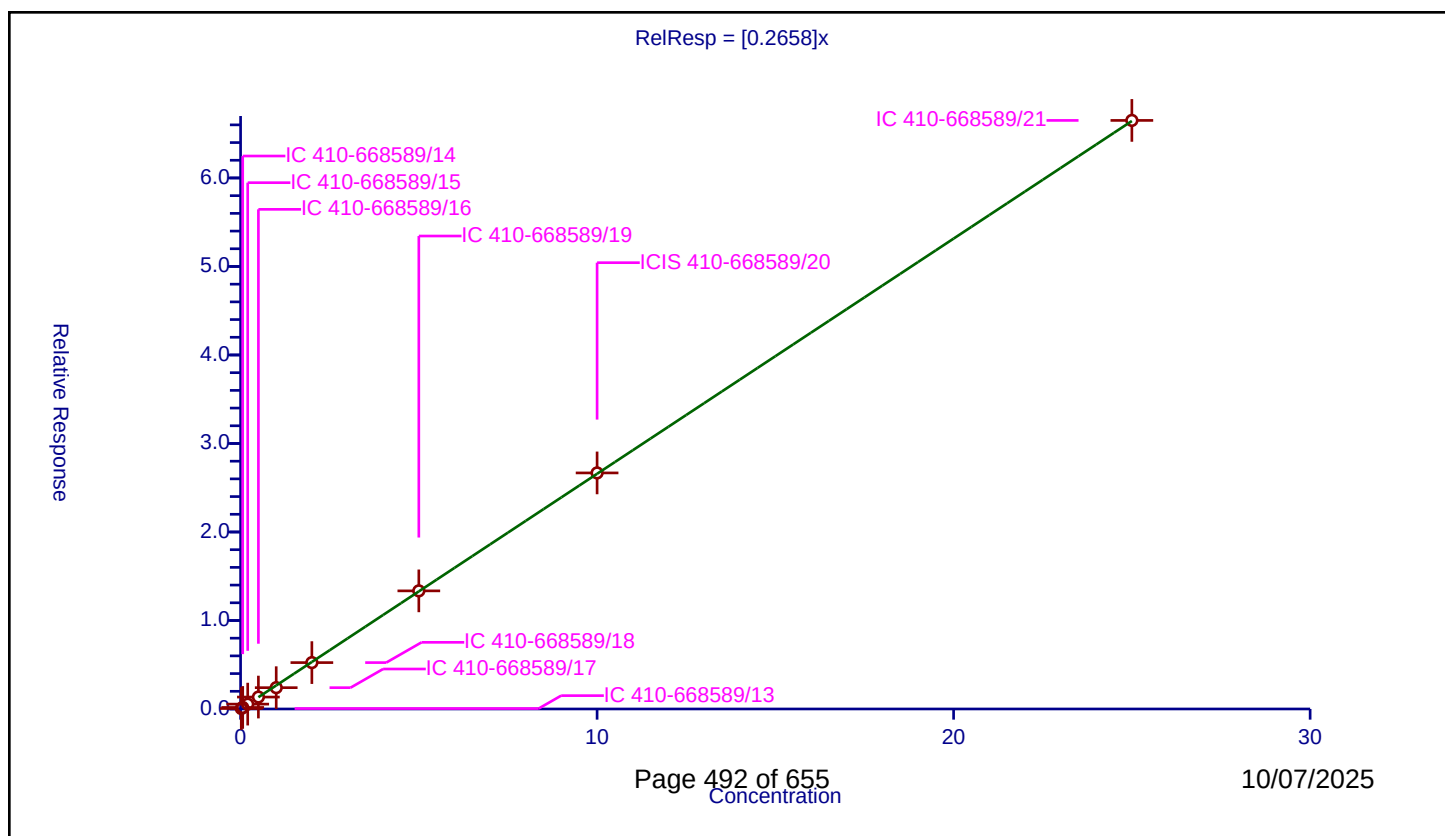
## Curve Coefficients

Intercept: 0  
Slope: 0.2658

## Error Coefficients

Relative Standard Deviation: 4.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.005136   | 10.0      | 1832045.0   | 0.256817 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.017217   | 10.0      | 1831280.0   | 0.286958 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.055124   | 10.0      | 1849831.0   | 0.27562  | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.134828   | 10.0      | 1860146.0   | 0.269656 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.240956   | 10.0      | 1893953.0   | 0.240956 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.524122   | 10.0      | 1918847.0   | 0.262061 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.334758   | 10.0      | 1935362.0   | 0.266952 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.667357   | 10.0      | 1961552.0   | 0.266736 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 6.650142   | 10.0      | 1984911.0   | 0.266006 | Y    |





## Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

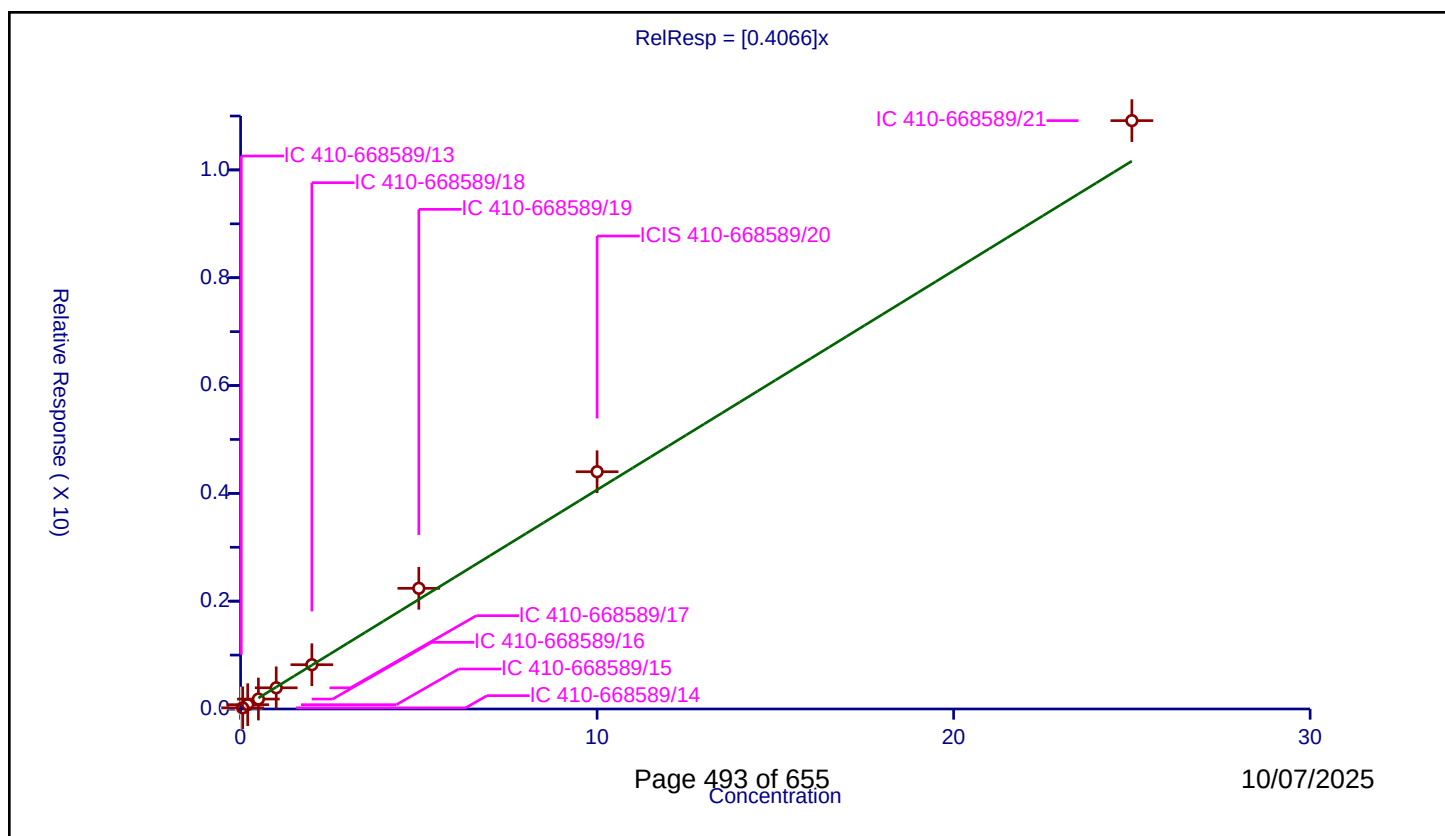
## Curve Coefficients

Intercept: 0  
Slope: 0.4066

## Error Coefficients

Relative Standard Deviation: 8.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.016501   | 10.0      | 1832045.0   | 0.825034 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.021433   | 10.0      | 1831280.0   | 0.357218 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.079742   | 10.0      | 1849831.0   | 0.398712 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.184179   | 10.0      | 1860146.0   | 0.368358 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.39312    | 10.0      | 1893953.0   | 0.39312  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.8214     | 10.0      | 1918847.0   | 0.4107   | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.238511   | 10.0      | 1935362.0   | 0.447702 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.401505   | 10.0      | 1961552.0   | 0.44015  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 10.914177  | 10.0      | 1984911.0   | 0.436567 | Y    |



## Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

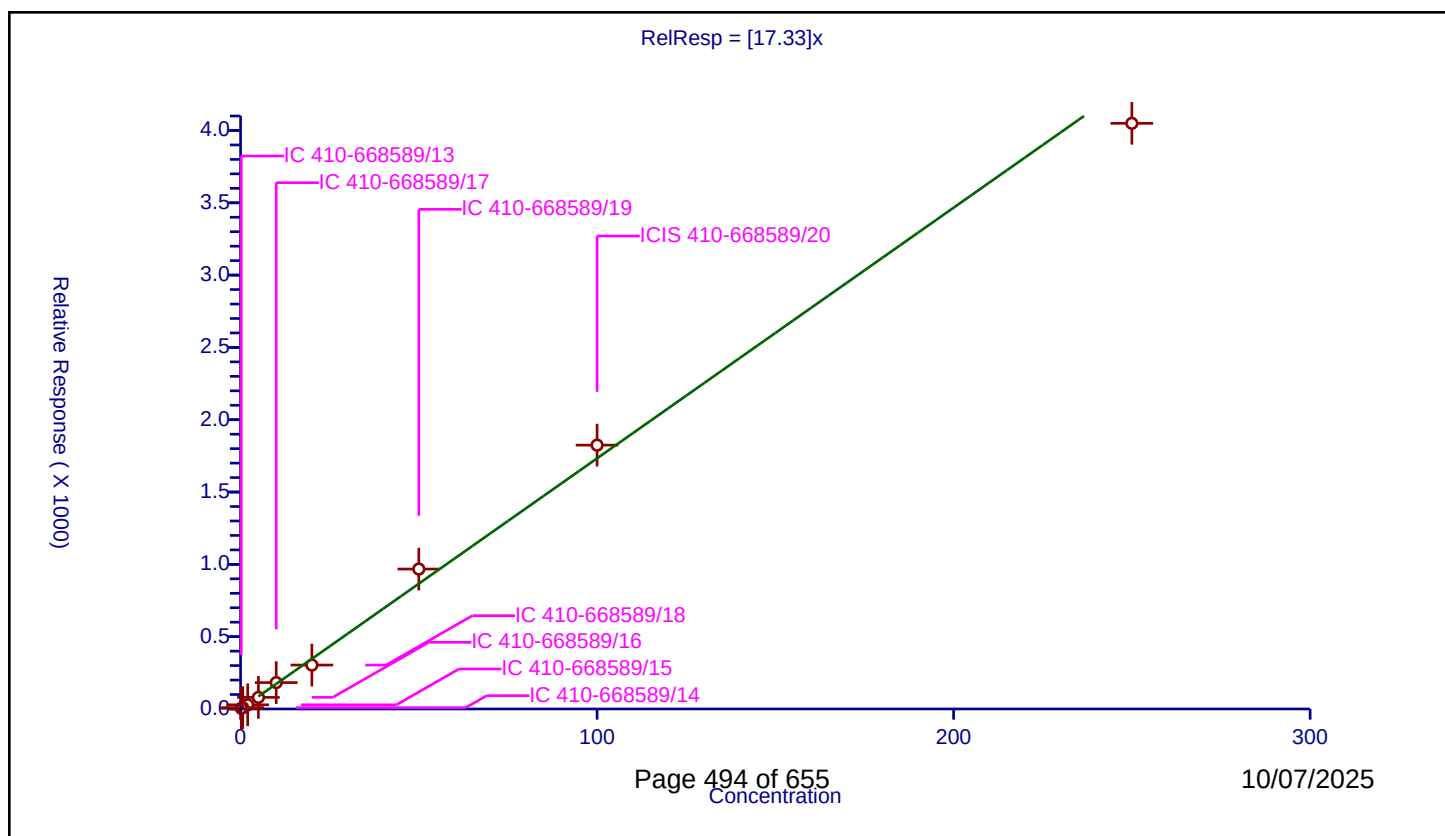
## Curve Coefficients

Intercept: 0  
Slope: 17.33

## Error Coefficients

Relative Standard Deviation: 15.1

| ID | Level              | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF       | Used |
|----|--------------------|---------------|-------------|-----------|-------------|-----------|------|
| 1  | IC 410-668589/13   | 0.2           | 4.560889    | 50.0      | 73626.0     | 22.804444 | Y    |
| 2  | IC 410-668589/14   | 0.6           | 9.263368    | 50.0      | 80230.0     | 15.438946 | Y    |
| 3  | IC 410-668589/15   | 2.0           | 28.902304   | 50.0      | 83156.0     | 14.451152 | Y    |
| 4  | IC 410-668589/16   | 5.0           | 80.264887   | 50.0      | 72295.0     | 16.052977 | Y    |
| 5  | IC 410-668589/17   | 10.0          | 182.504435  | 50.0      | 64825.0     | 18.250444 | Y    |
| 6  | IC 410-668589/18   | 20.0          | 303.733545  | 50.0      | 87437.0     | 15.186677 | Y    |
| 7  | IC 410-668589/19   | 50.0          | 967.492288  | 50.0      | 71966.0     | 19.349846 | Y    |
| 8  | ICIS 410-668589/20 | 100.0         | 1824.450716 | 50.0      | 75826.0     | 18.244507 | Y    |
| 9  | IC 410-668589/21   | 250.0         | 4049.429814 | 50.0      | 82517.0     | 16.197719 | Y    |



# Calibration

/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

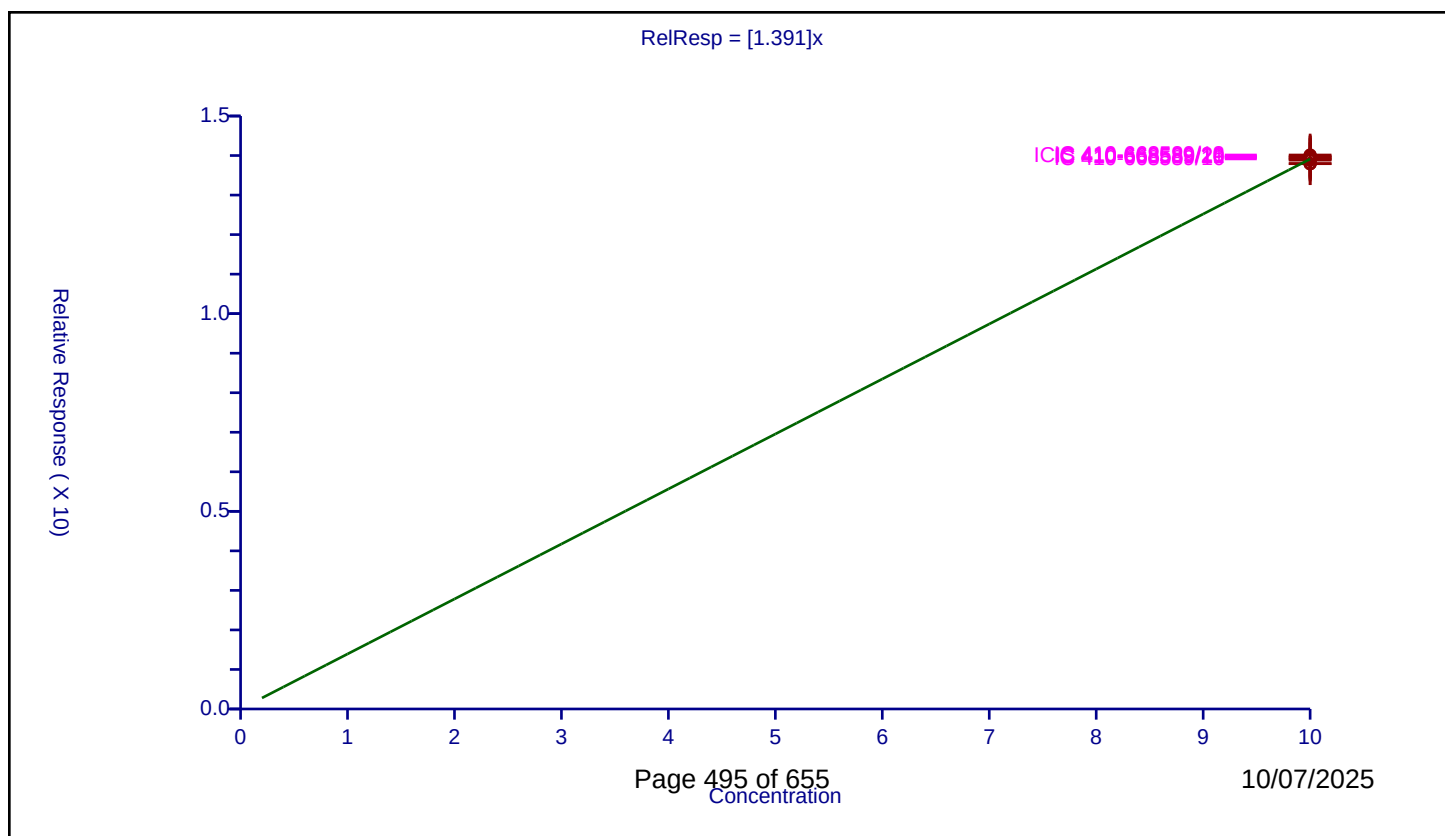
## Curve Coefficients

Intercept: 0  
 Slope: 1.391

## Error Coefficients

Relative Standard Deviation: 0.6

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/21   | 10.0          | 13.951853  | 10.0      | 1417363.0   | 1.395185 | Y    |
| 2  | ICIS 410-668589/20 | 10.0          | 13.985879  | 10.0      | 1396688.0   | 1.398588 | Y    |
| 3  | IC 410-668589/19   | 10.0          | 13.959978  | 10.0      | 1379202.0   | 1.395998 | Y    |
| 4  | IC 410-668589/18   | 10.0          | 14.013443  | 10.0      | 1372931.0   | 1.401344 | Y    |
| 5  | IC 410-668589/17   | 10.0          | 13.793282  | 10.0      | 1360861.0   | 1.379328 | Y    |
| 6  | IC 410-668589/16   | 10.0          | 13.914395  | 10.0      | 1338143.0   | 1.391439 | Y    |
| 7  | IC 410-668589/15   | 10.0          | 13.906176  | 10.0      | 1343086.0   | 1.390618 | Y    |
| 8  | IC 410-668589/14   | 10.0          | 13.796049  | 10.0      | 1330860.0   | 1.379605 | Y    |
| 9  | IC 410-668589/13   | 10.0          | 13.883159  | 10.0      | 1331318.0   | 1.388316 | Y    |



## Calibration

/ Toluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

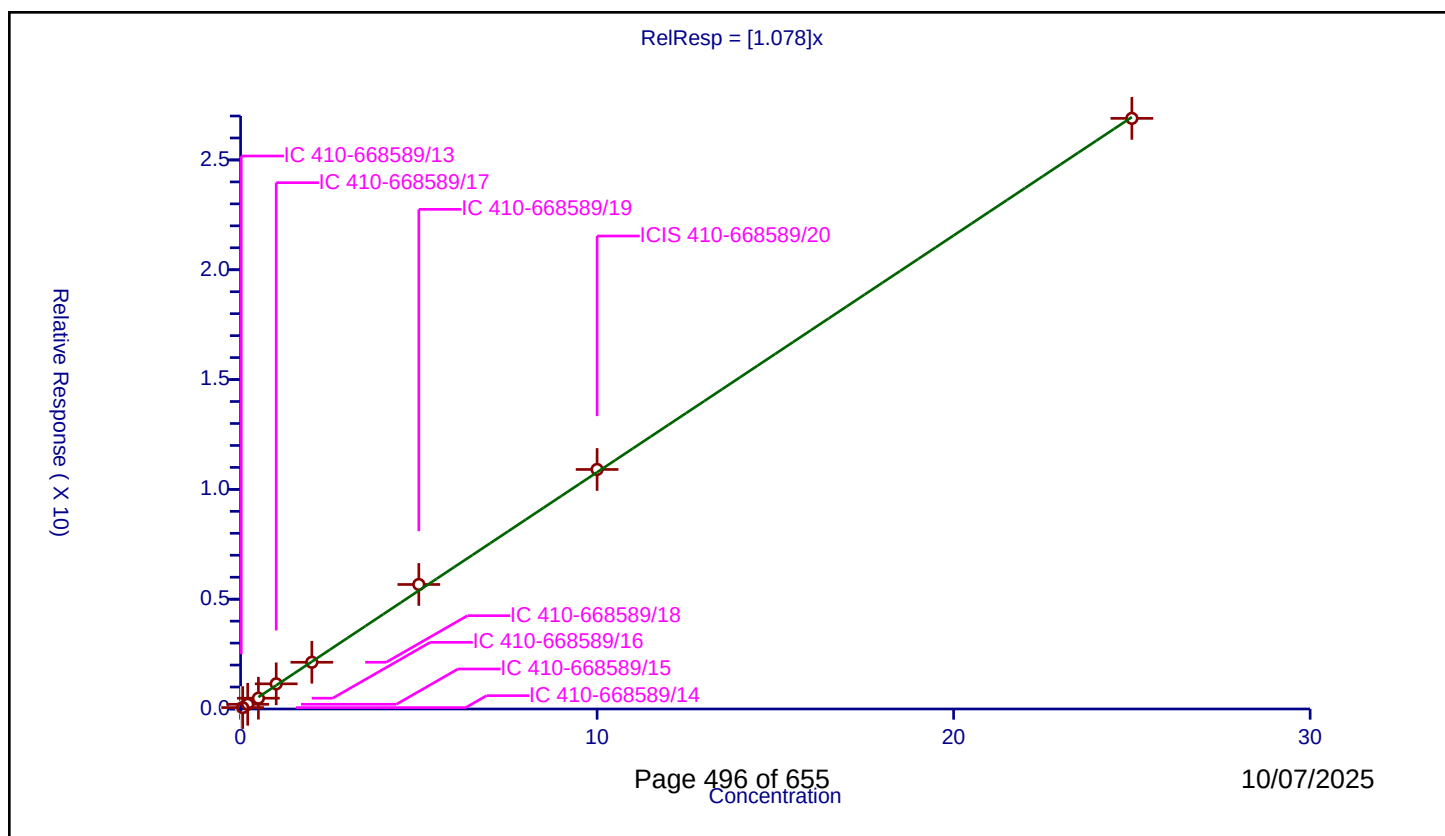
## Curve Coefficients

Intercept: 0  
Slope: 1.078

## Error Coefficients

Relative Standard Deviation: 4.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.068631   | 10.0      | 1331318.0   | 3.431562 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.063621   | 10.0      | 1330860.0   | 1.060342 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.214499   | 10.0      | 1343086.0   | 1.072493 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.490762   | 10.0      | 1338143.0   | 0.981524 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.145628   | 10.0      | 1360861.0   | 1.145628 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 2.127689   | 10.0      | 1372931.0   | 1.063844 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 5.669953   | 10.0      | 1379202.0   | 1.133991 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 10.906938  | 10.0      | 1396688.0   | 1.090694 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 26.892659  | 10.0      | 1417363.0   | 1.075706 | Y    |



## Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

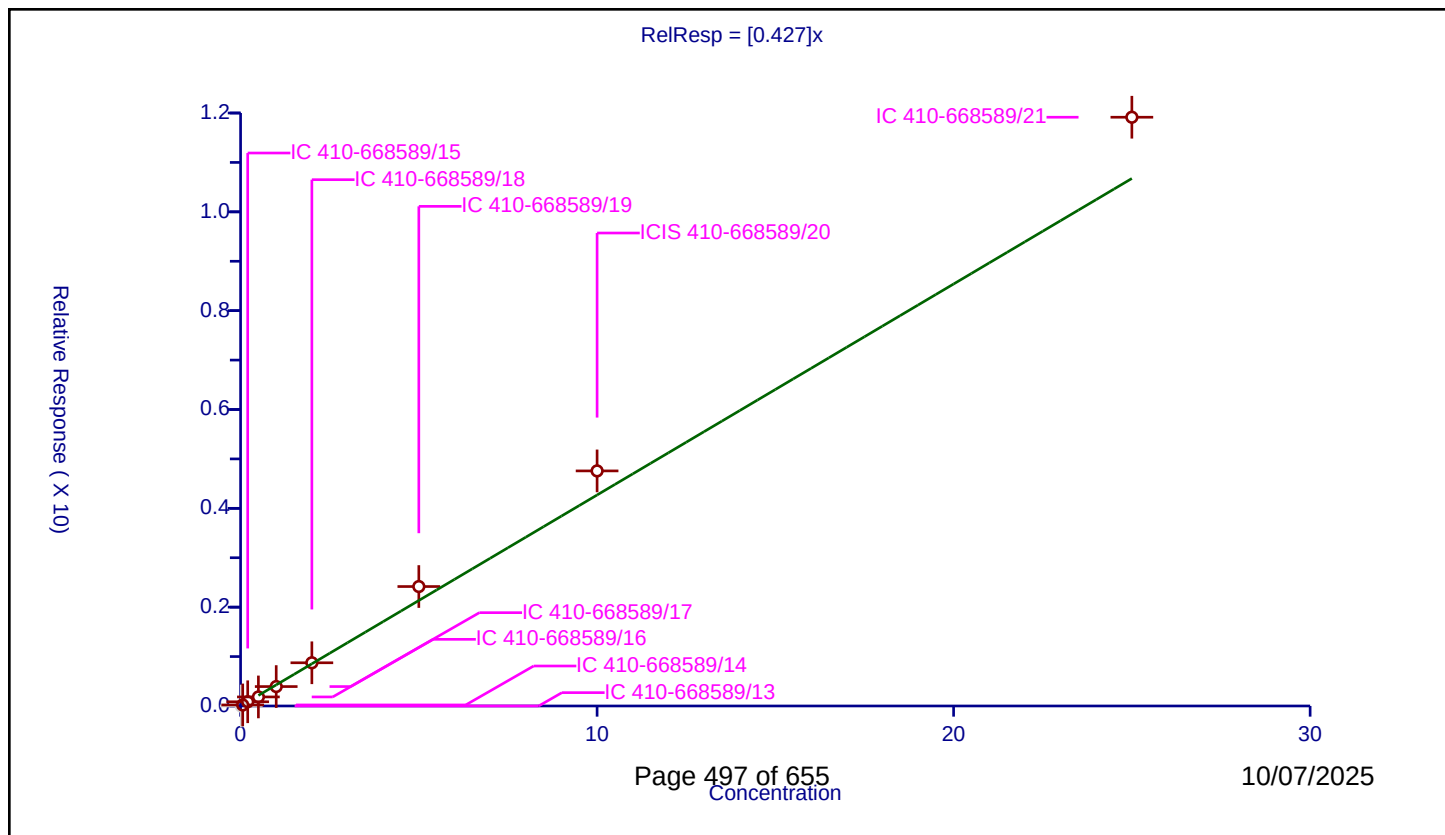
## Curve Coefficients

Intercept: 0  
Slope: 0.427

## Error Coefficients

Relative Standard Deviation: 11.9

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 10.0      | 1331318.0   | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.021287   | 10.0      | 1330860.0   | 0.354783 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.085765   | 10.0      | 1343086.0   | 0.428826 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.183112   | 10.0      | 1338143.0   | 0.366224 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.39317    | 10.0      | 1360861.0   | 0.39317  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.874341   | 10.0      | 1372931.0   | 0.437171 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.417325   | 10.0      | 1379202.0   | 0.483465 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.757455   | 10.0      | 1396688.0   | 0.475745 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 11.914901  | 10.0      | 1417363.0   | 0.476596 | Y    |



## Calibration

/ Ethyl methacrylate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

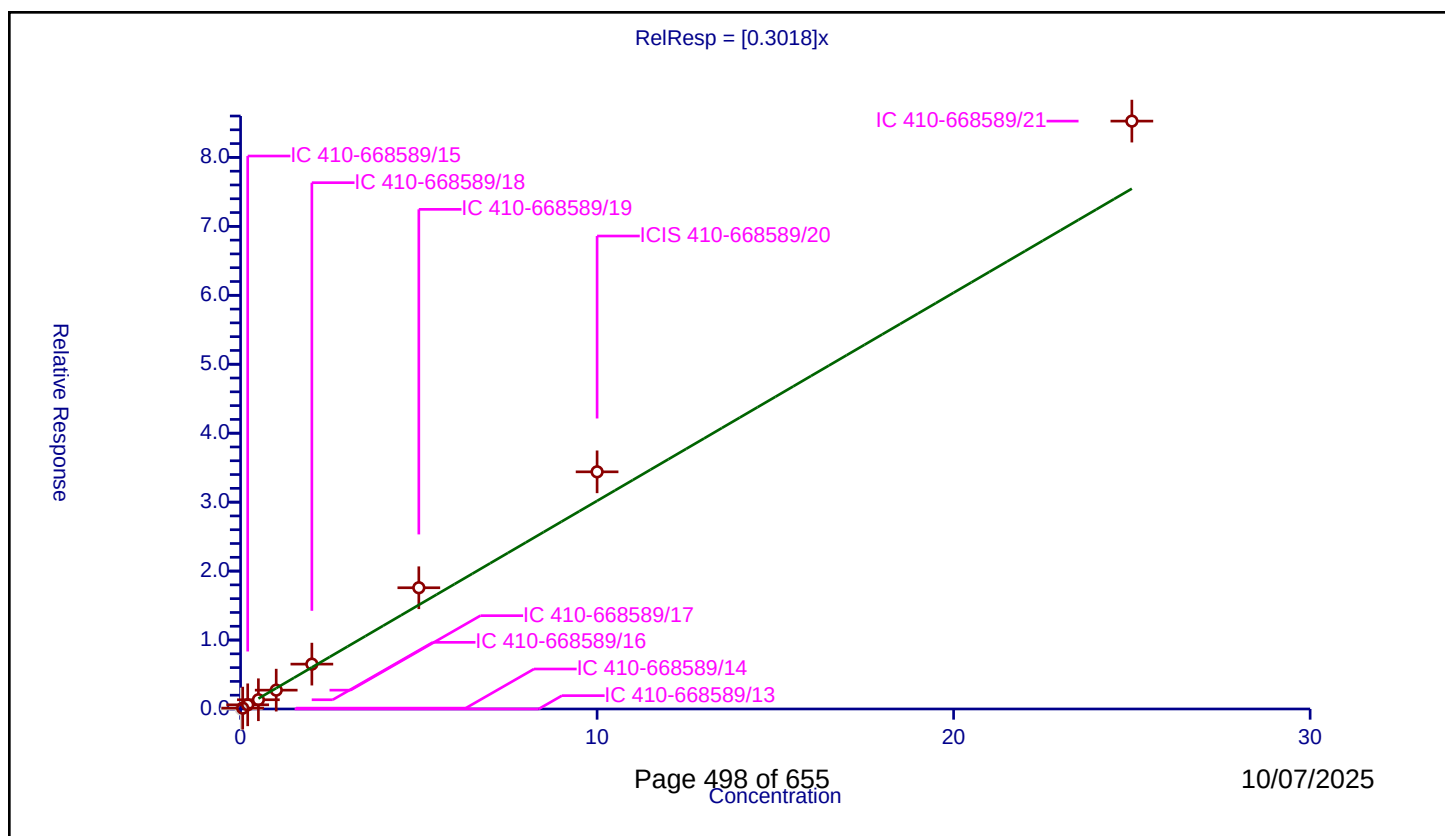
## Curve Coefficients

Intercept: 0  
Slope: 0.3018

## Error Coefficients

Relative Standard Deviation: 16.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 10.0      | 1331318.0   | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.012563   | 10.0      | 1330860.0   | 0.209388 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.060413   | 10.0      | 1343086.0   | 0.302066 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.134051   | 10.0      | 1338143.0   | 0.268103 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.273136   | 10.0      | 1360861.0   | 0.273136 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.650717   | 10.0      | 1372931.0   | 0.325359 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.758437   | 10.0      | 1379202.0   | 0.351687 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.439401   | 10.0      | 1396688.0   | 0.34394  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 8.526157   | 10.0      | 1417363.0   | 0.341046 | Y    |



# Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

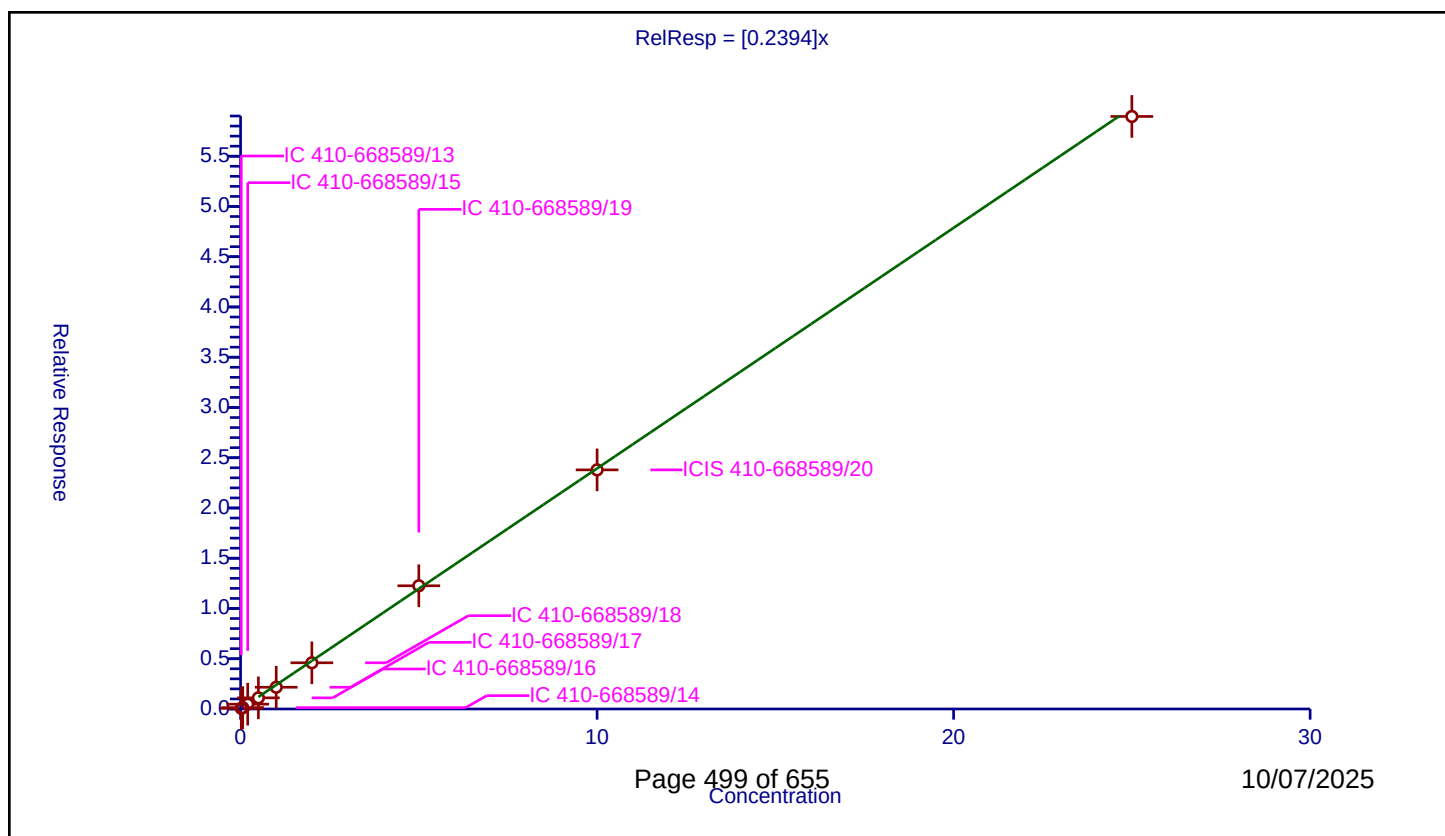
## Curve Coefficients

Intercept: 0  
Slope: 0.2394

## Error Coefficients

Relative Standard Deviation: 11.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.006099   | 10.0      | 1331318.0   | 0.304961 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.01336    | 10.0      | 1330860.0   | 0.222663 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.047972   | 10.0      | 1343086.0   | 0.239858 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.110863   | 10.0      | 1338143.0   | 0.221725 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.21626    | 10.0      | 1360861.0   | 0.21626  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.459644   | 10.0      | 1372931.0   | 0.229822 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.225832   | 10.0      | 1379202.0   | 0.245166 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.379057   | 10.0      | 1396688.0   | 0.237906 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 5.895356   | 10.0      | 1417363.0   | 0.235814 | Y    |



## Calibration

/ Tetrachloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

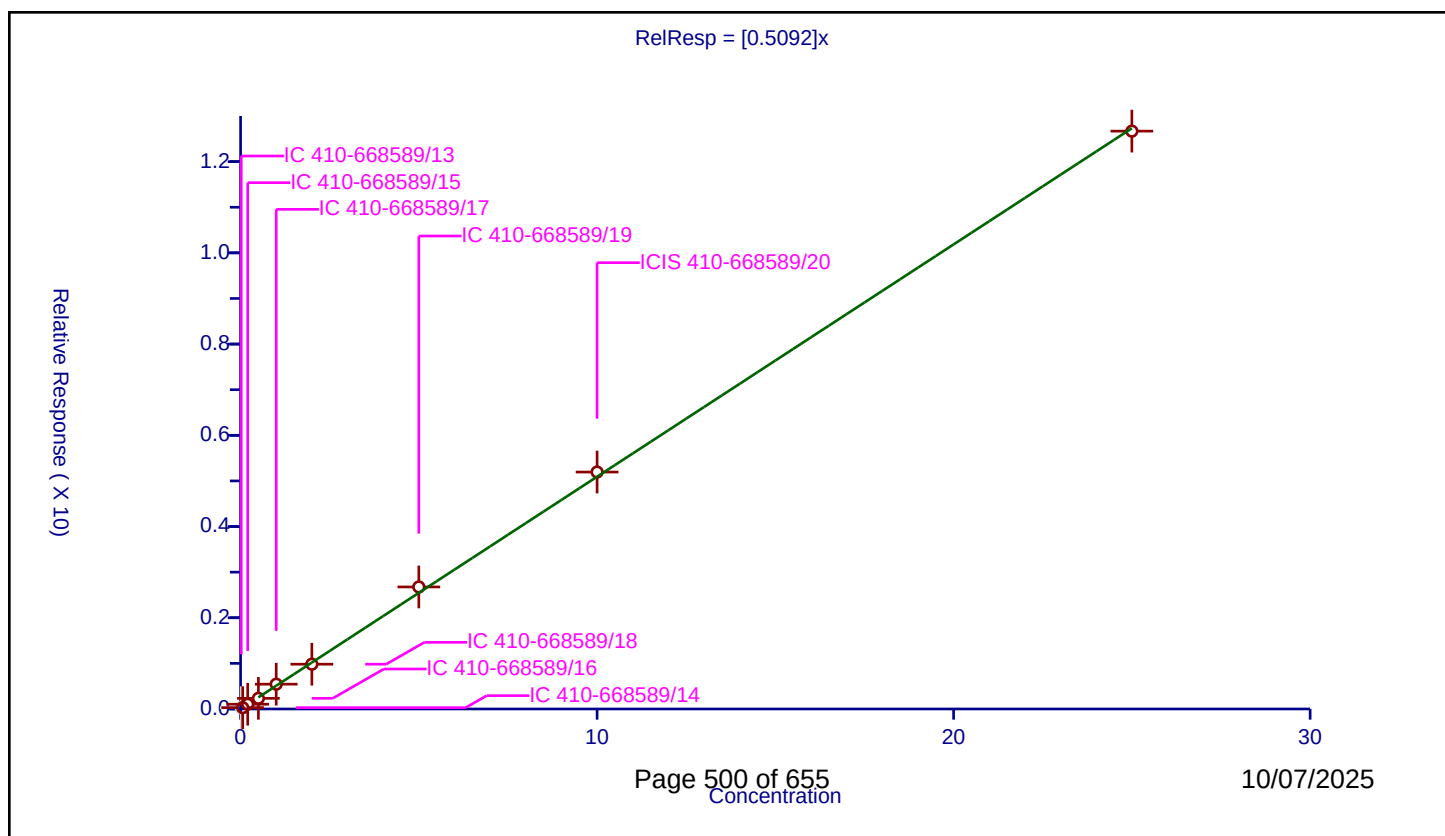
## Curve Coefficients

Intercept: 0  
Slope: 0.5092

## Error Coefficients

Relative Standard Deviation: 5.1

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.028881   | 10.0      | 1331318.0   | 1.444058 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.029372   | 10.0      | 1330860.0   | 0.489533 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.104297   | 10.0      | 1343086.0   | 0.521486 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.233279   | 10.0      | 1338143.0   | 0.466557 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.544214   | 10.0      | 1360861.0   | 0.544214 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.981797   | 10.0      | 1372931.0   | 0.490899 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.675547   | 10.0      | 1379202.0   | 0.535109 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 5.194539   | 10.0      | 1396688.0   | 0.519454 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 12.668335  | 10.0      | 1417363.0   | 0.506733 | Y    |





## Calibration

/ 1,3-Dichloropropane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

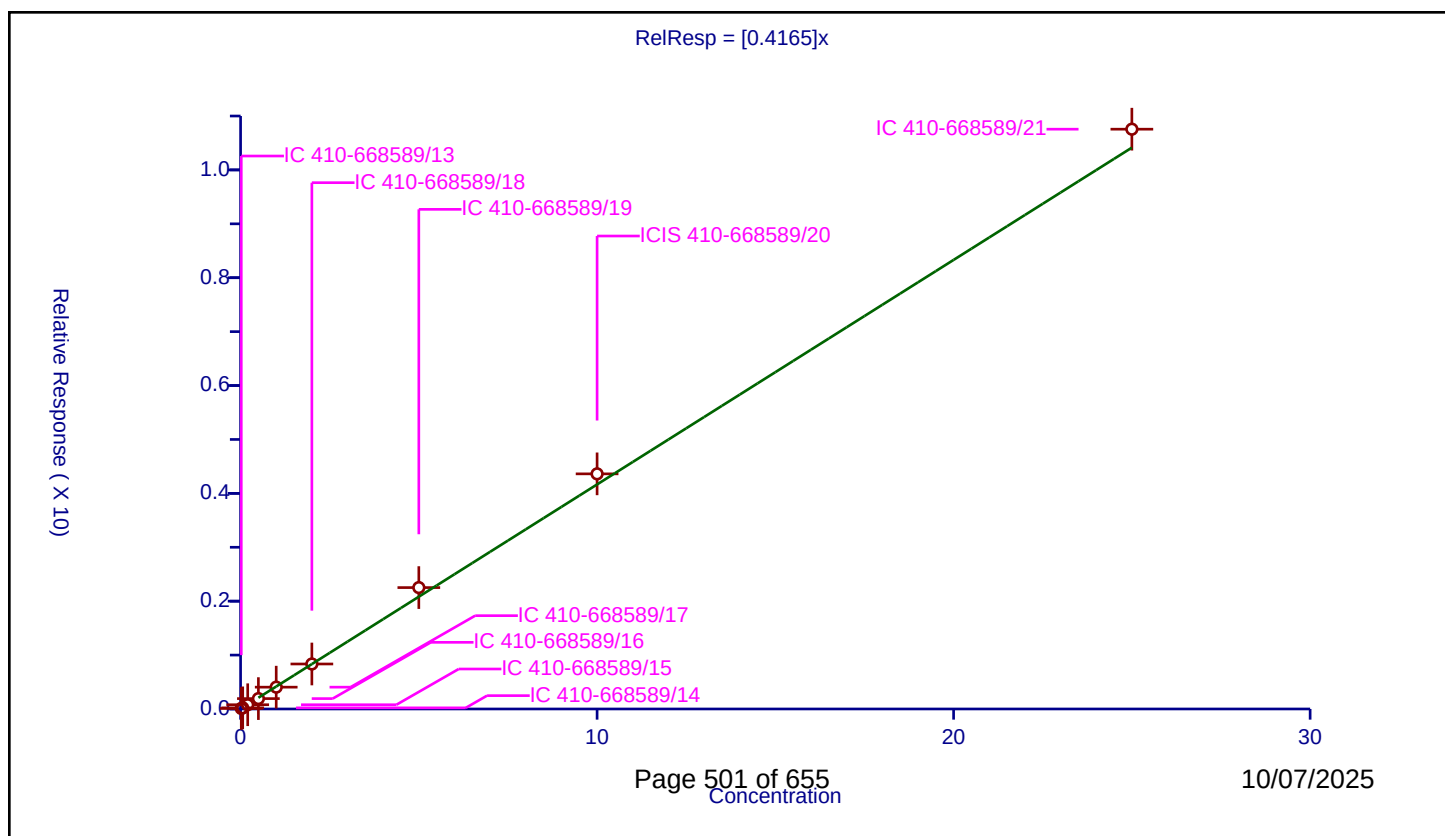
## Curve Coefficients

Intercept: 0  
Slope: 0.4165

## Error Coefficients

Relative Standard Deviation: 9.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.009622   | 10.0      | 1331318.0   | 0.481102 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.020956   | 10.0      | 1330860.0   | 0.349273 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.078744   | 10.0      | 1343086.0   | 0.39372  | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.192633   | 10.0      | 1338143.0   | 0.385265 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.405023   | 10.0      | 1360861.0   | 0.405023 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.834987   | 10.0      | 1372931.0   | 0.417494 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.252281   | 10.0      | 1379202.0   | 0.450456 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 4.361819   | 10.0      | 1396688.0   | 0.436182 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 10.755812  | 10.0      | 1417363.0   | 0.430232 | Y    |



## Calibration

/ 2-Hexanone

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

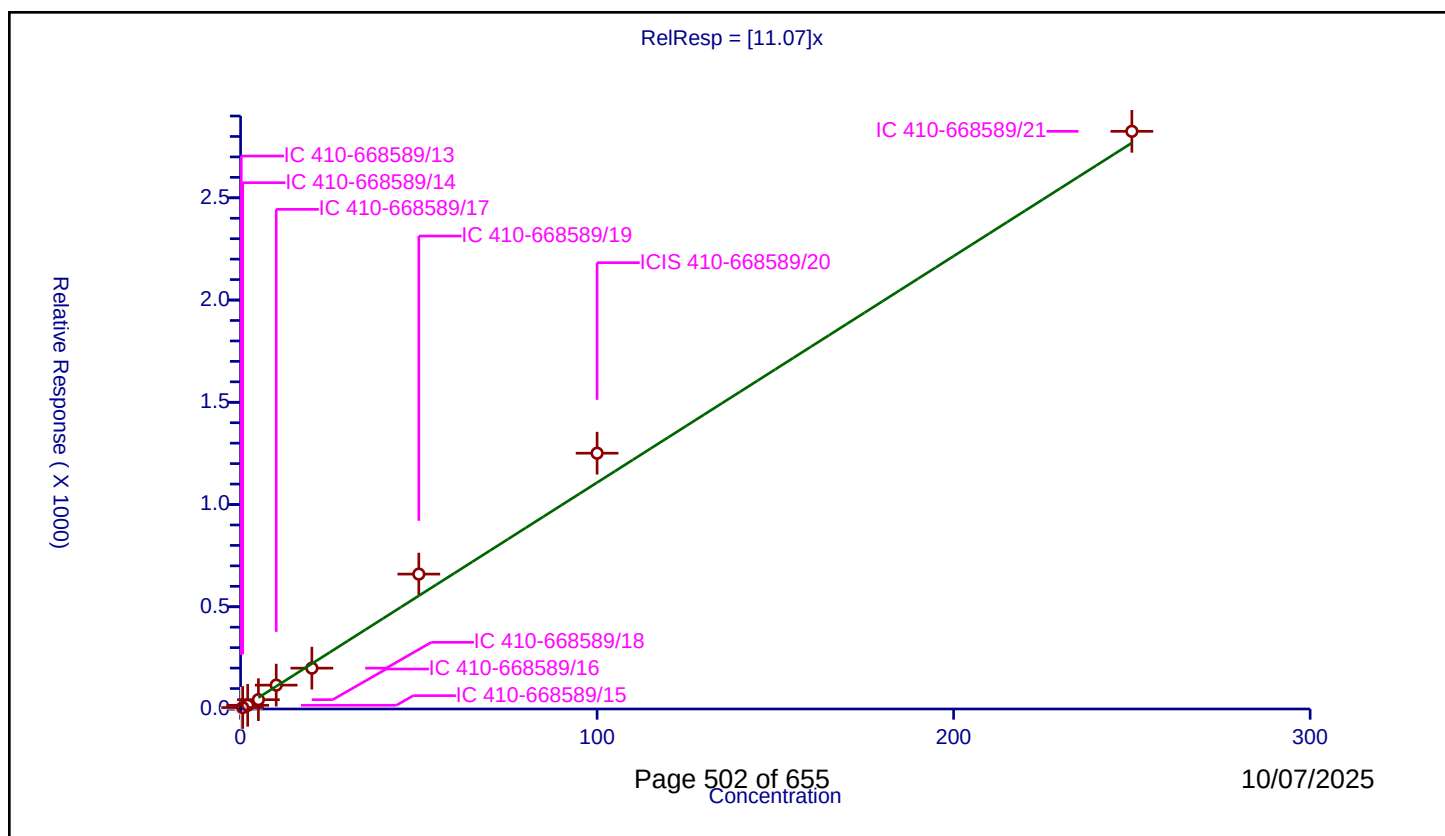
## Curve Coefficients

Intercept: 0  
Slope: 11.07

## Error Coefficients

Relative Standard Deviation: 13.9

| ID | Level              | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF       | Used |
|----|--------------------|---------------|-------------|-----------|-------------|-----------|------|
| 1  | IC 410-668589/13   | 0.2           | 3.692989    | 50.0      | 73626.0     | 18.464944 | N    |
| 2  | IC 410-668589/14   | 0.6           | 7.067805    | 50.0      | 80230.0     | 11.779675 | Y    |
| 3  | IC 410-668589/15   | 2.0           | 18.094305   | 50.0      | 83156.0     | 9.047152  | Y    |
| 4  | IC 410-668589/16   | 5.0           | 45.550868   | 50.0      | 72295.0     | 9.110174  | Y    |
| 5  | IC 410-668589/17   | 10.0          | 116.67875   | 50.0      | 64825.0     | 11.667875 | Y    |
| 6  | IC 410-668589/18   | 20.0          | 199.699212  | 50.0      | 87437.0     | 9.984961  | Y    |
| 7  | IC 410-668589/19   | 50.0          | 659.673318  | 50.0      | 71966.0     | 13.193466 | Y    |
| 8  | ICIS 410-668589/20 | 100.0         | 1250.975919 | 50.0      | 75826.0     | 12.509759 | Y    |
| 9  | IC 410-668589/21   | 250.0         | 2825.089376 | 50.0      | 82517.0     | 11.300358 | Y    |



## Calibration

/ Chlorodibromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

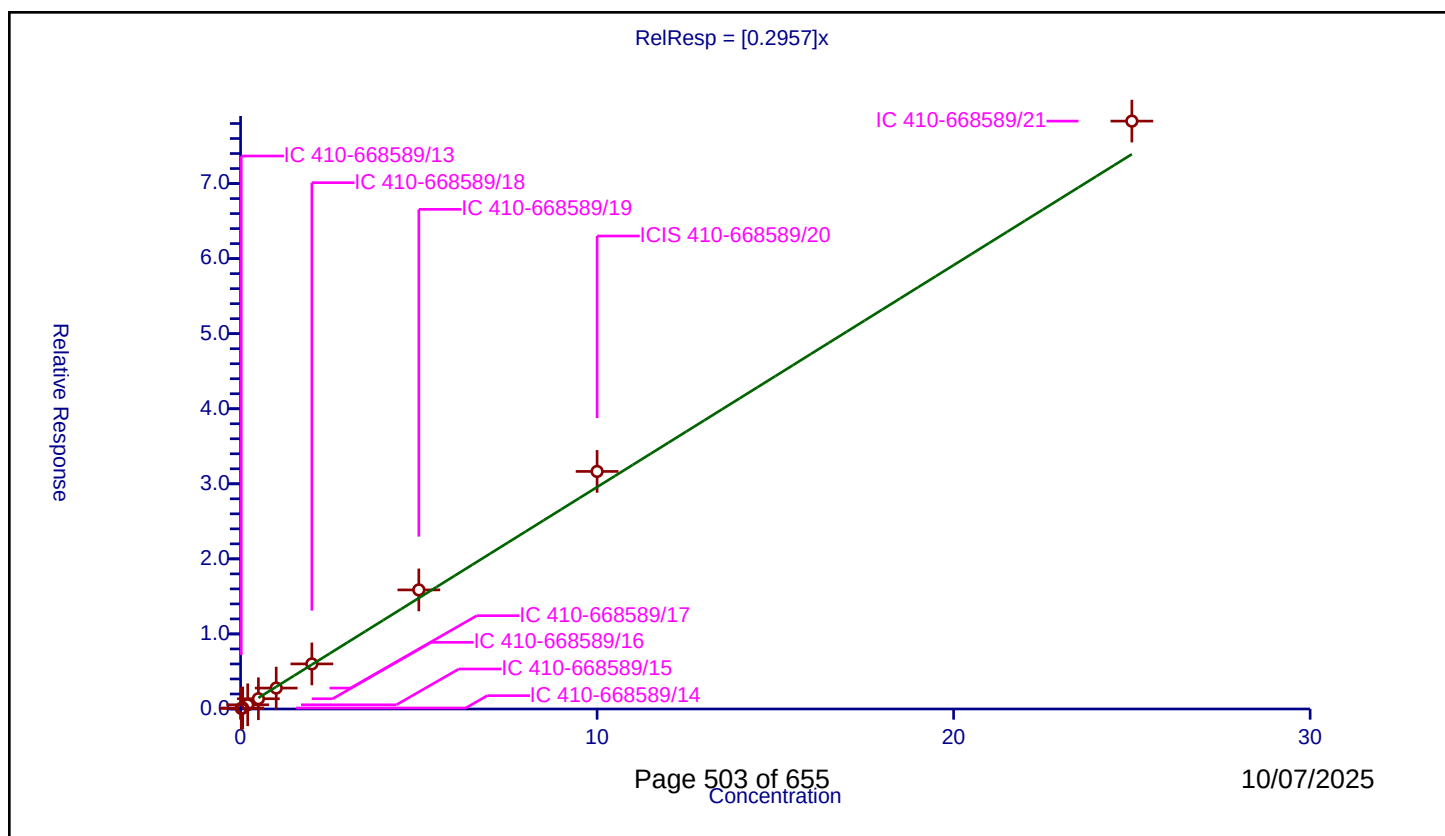
## Curve Coefficients

Intercept: 0  
Slope: 0.2957

## Error Coefficients

Relative Standard Deviation: 13.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.007226   | 10.0      | 1331318.0   | 0.361296 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.013217   | 10.0      | 1330860.0   | 0.220284 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.055983   | 10.0      | 1343086.0   | 0.279915 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.136562   | 10.0      | 1338143.0   | 0.273125 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.278823   | 10.0      | 1360861.0   | 0.278823 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.600737   | 10.0      | 1372931.0   | 0.300368 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.586541   | 10.0      | 1379202.0   | 0.317308 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.164866   | 10.0      | 1396688.0   | 0.316487 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 7.83203    | 10.0      | 1417363.0   | 0.313281 | Y    |



## Calibration

/ Ethylene Dibromide

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

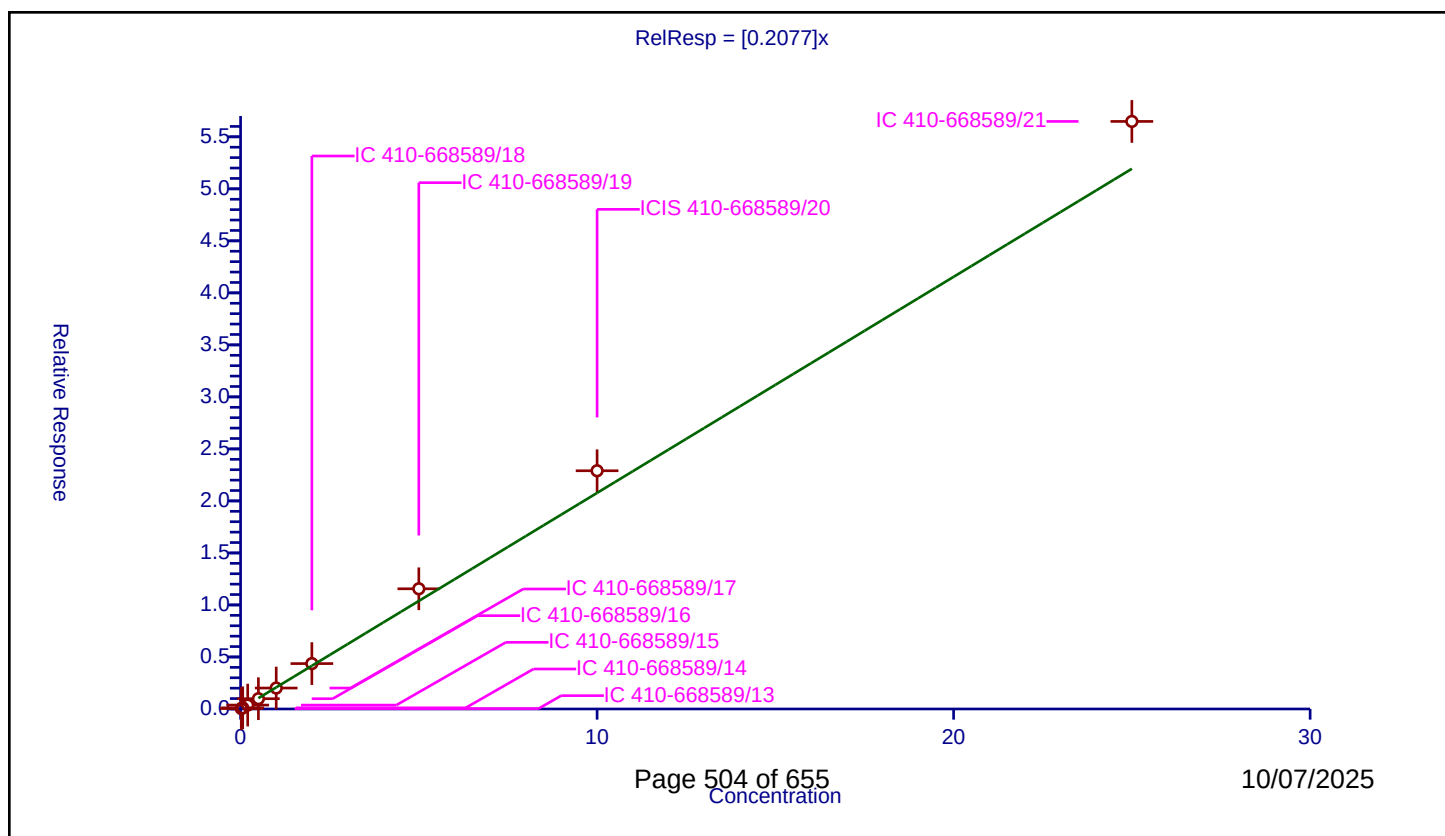
## Curve Coefficients

Intercept: 0  
Slope: 0.2077

## Error Coefficients

Relative Standard Deviation: 8.9

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.003906   | 10.0      | 1331318.0   | 0.195295 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.011023   | 10.0      | 1330860.0   | 0.183716 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.037473   | 10.0      | 1343086.0   | 0.187367 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.098711   | 10.0      | 1338143.0   | 0.197423 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.201292   | 10.0      | 1360861.0   | 0.201292 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.436497   | 10.0      | 1372931.0   | 0.218248 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.155473   | 10.0      | 1379202.0   | 0.231095 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.289967   | 10.0      | 1396688.0   | 0.228997 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 5.648066   | 10.0      | 1417363.0   | 0.225923 | Y    |



## Calibration

/ 1-Chlorohexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

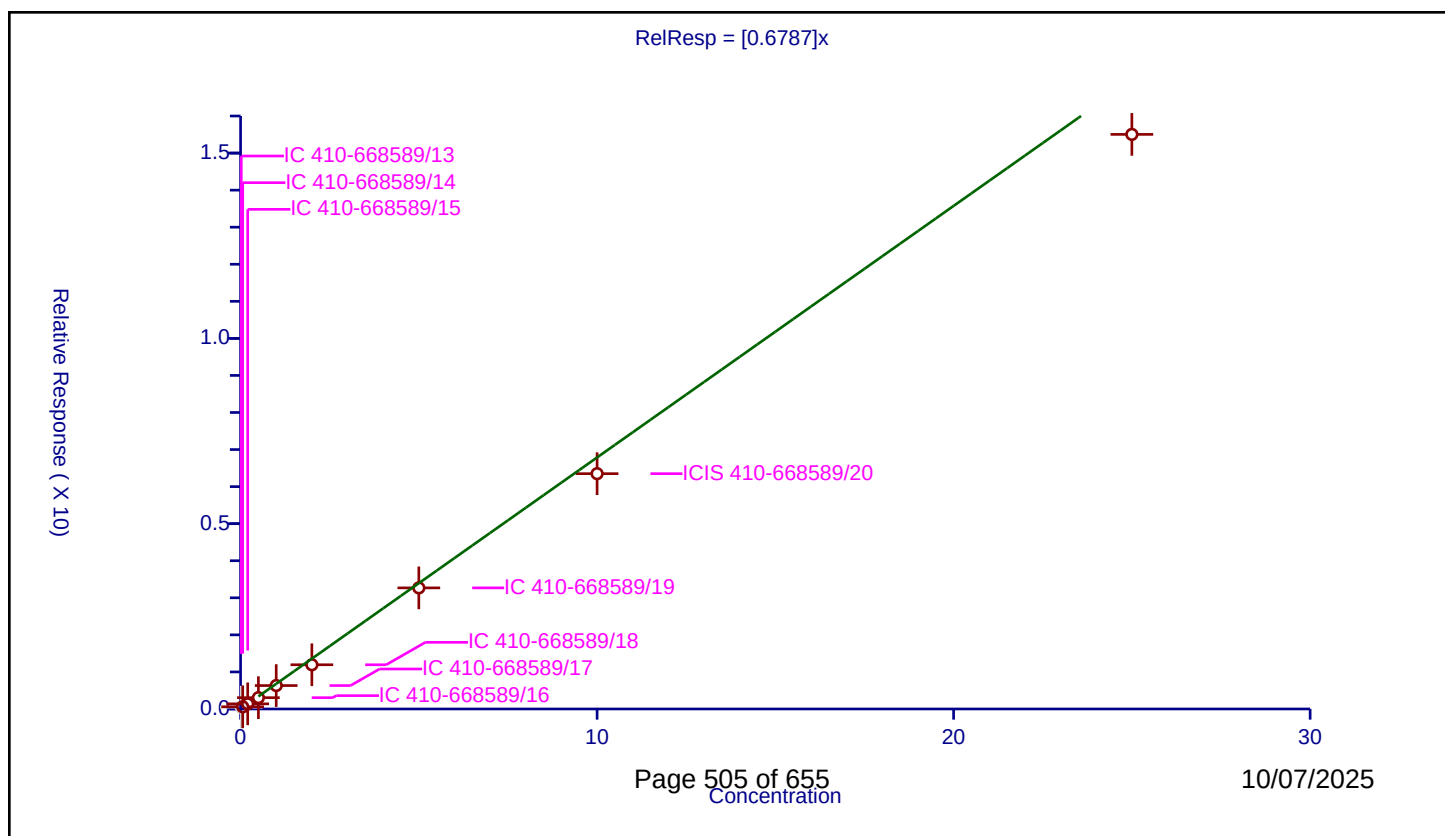
## Curve Coefficients

Intercept: 0  
Slope: 0.6787

## Error Coefficients

Relative Standard Deviation: 18.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.047787   | 10.0      | 1331318.0   | 2.389362 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.059157   | 10.0      | 1330860.0   | 0.985954 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.139224   | 10.0      | 1343086.0   | 0.696121 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.305177   | 10.0      | 1338143.0   | 0.610353 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.631879   | 10.0      | 1360861.0   | 0.631879 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.193418   | 10.0      | 1372931.0   | 0.596709 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 3.267469   | 10.0      | 1379202.0   | 0.653494 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 6.349614   | 10.0      | 1396688.0   | 0.634961 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 15.504052  | 10.0      | 1417363.0   | 0.620162 | Y    |



## Calibration

/ Chlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

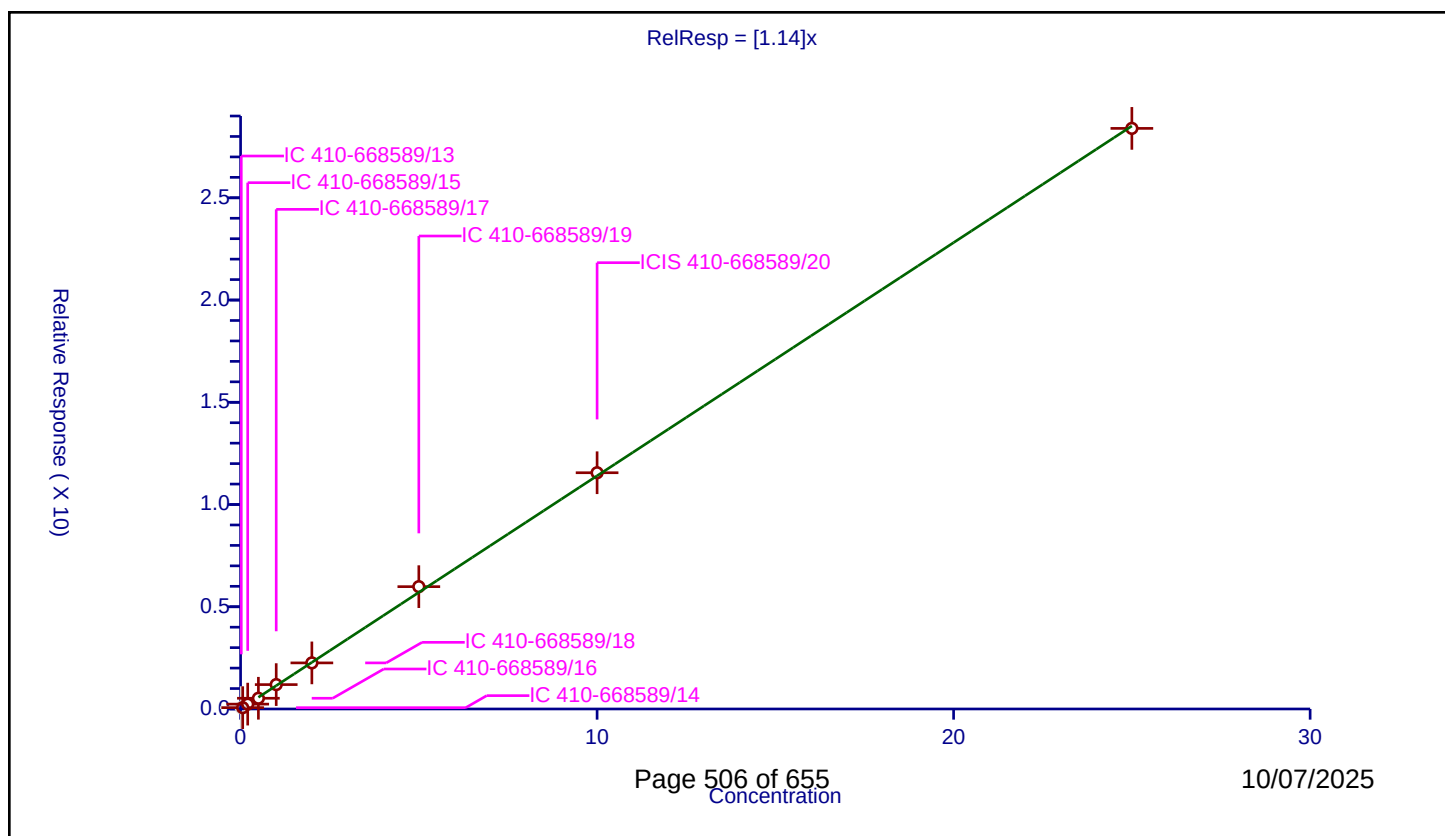
## Curve Coefficients

Intercept: 0  
Slope: 1.14

## Error Coefficients

Relative Standard Deviation: 4.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.06604    | 10.0      | 1331318.0   | 3.301991 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.064665   | 10.0      | 1330860.0   | 1.077749 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.237565   | 10.0      | 1343086.0   | 1.187824 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.524884   | 10.0      | 1338143.0   | 1.049768 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.193193   | 10.0      | 1360861.0   | 1.193193 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 2.254338   | 10.0      | 1372931.0   | 1.127169 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 5.983054   | 10.0      | 1379202.0   | 1.196611 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 11.553991  | 10.0      | 1396688.0   | 1.155399 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 28.394928  | 10.0      | 1417363.0   | 1.135797 | Y    |



## Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

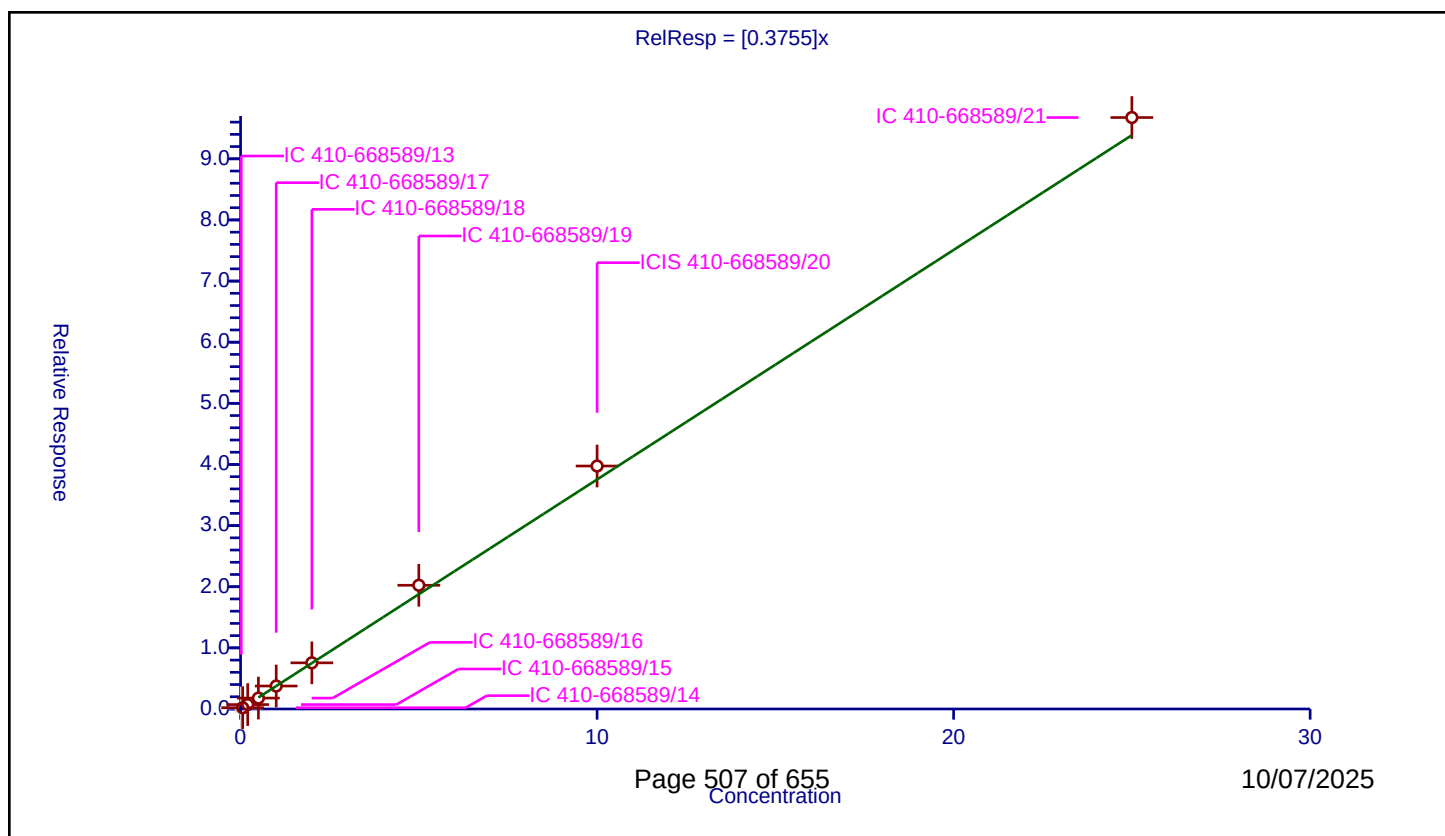
## Curve Coefficients

Intercept: 0  
Slope: 0.3755

## Error Coefficients

Relative Standard Deviation: 5.6

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.015729   | 10.0      | 1331318.0   | 0.786439 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.020588   | 10.0      | 1330860.0   | 0.343137 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.072199   | 10.0      | 1343086.0   | 0.360997 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.178382   | 10.0      | 1338143.0   | 0.356763 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.37599    | 10.0      | 1360861.0   | 0.37599  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.754991   | 10.0      | 1372931.0   | 0.377495 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.023844   | 10.0      | 1379202.0   | 0.404769 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 3.97451    | 10.0      | 1396688.0   | 0.397451 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 9.675256   | 10.0      | 1417363.0   | 0.38701  | Y    |



# Calibration

/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

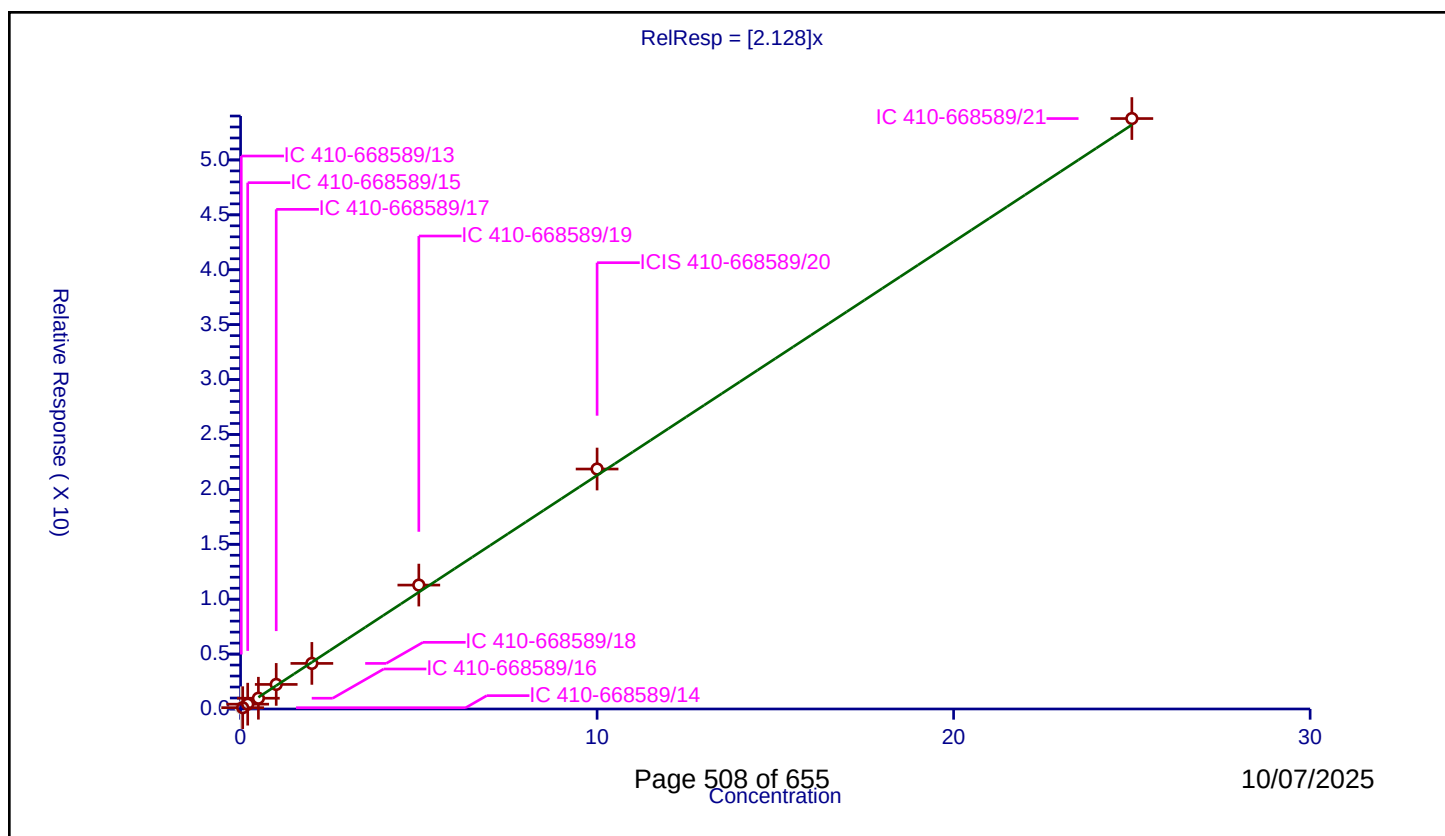
## Curve Coefficients

Intercept: 0  
 Slope: 2.128

## Error Coefficients

Relative Standard Deviation: 5.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.104956   | 10.0      | 1331318.0   | 5.247807 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.118029   | 10.0      | 1330860.0   | 1.967149 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.437455   | 10.0      | 1343086.0   | 2.187276 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.980254   | 10.0      | 1338143.0   | 1.960508 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 2.238583   | 10.0      | 1360861.0   | 2.238583 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 4.15058    | 10.0      | 1372931.0   | 2.07529  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 11.284504  | 10.0      | 1379202.0   | 2.256901 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 21.852891  | 10.0      | 1396688.0   | 2.185289 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 53.769232  | 10.0      | 1417363.0   | 2.150769 | Y    |





# Calibration

/ m-Xylene & p-Xylene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

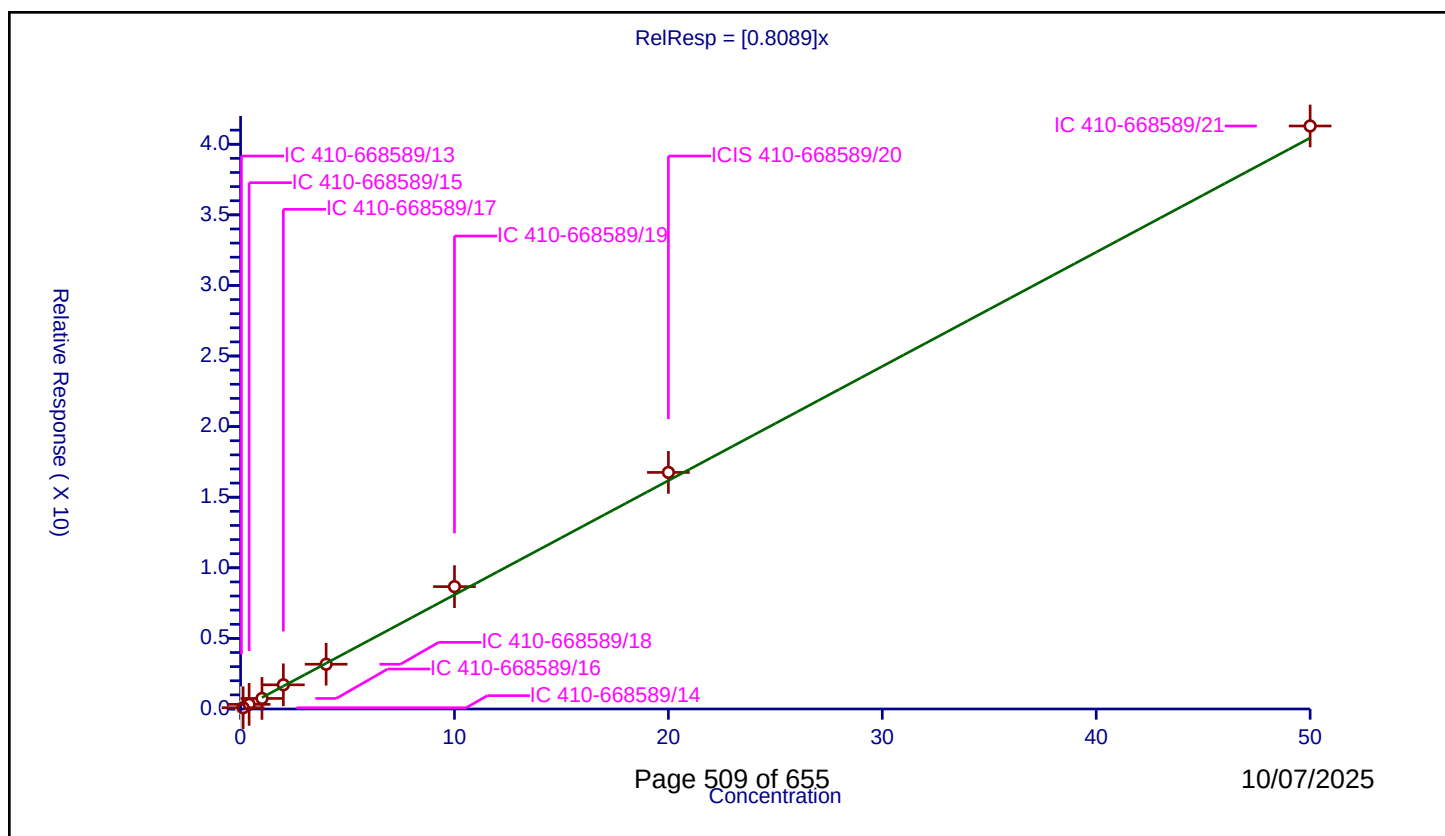
## Curve Coefficients

Intercept: 0  
Slope: 0.8089

## Error Coefficients

Relative Standard Deviation: 6.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.04          | 0.091706   | 10.0      | 1331318.0   | 2.292653 | N    |
| 2  | IC 410-668589/14   | 0.12          | 0.087117   | 10.0      | 1330860.0   | 0.725972 | Y    |
| 3  | IC 410-668589/15   | 0.4           | 0.32776    | 10.0      | 1343086.0   | 0.8194   | Y    |
| 4  | IC 410-668589/16   | 1.0           | 0.747073   | 10.0      | 1338143.0   | 0.747073 | Y    |
| 5  | IC 410-668589/17   | 2.0           | 1.71174    | 10.0      | 1360861.0   | 0.85587  | Y    |
| 6  | IC 410-668589/18   | 4.0           | 3.170356   | 10.0      | 1372931.0   | 0.792589 | Y    |
| 7  | IC 410-668589/19   | 10.0          | 8.666519   | 10.0      | 1379202.0   | 0.866652 | Y    |
| 8  | ICIS 410-668589/20 | 20.0          | 16.75609   | 10.0      | 1396688.0   | 0.837805 | Y    |
| 9  | IC 410-668589/21   | 50.0          | 41.292852  | 10.0      | 1417363.0   | 0.825857 | Y    |



## Calibration

/ o-Xylene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

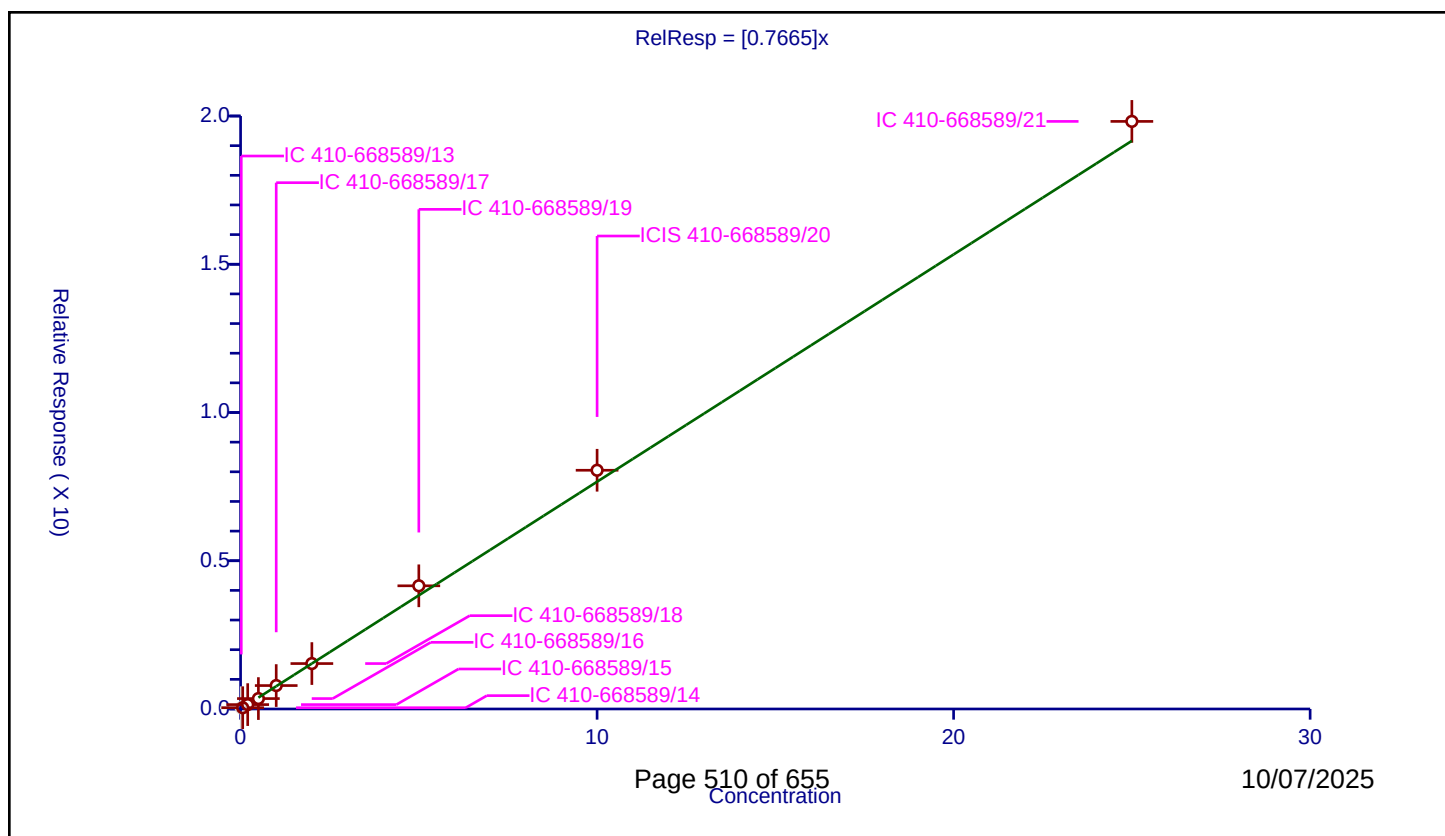
## Curve Coefficients

Intercept: 0  
Slope: 0.7665

## Error Coefficients

Relative Standard Deviation: 6.1

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.042064   | 10.0      | 1331318.0   | 2.103179 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.042266   | 10.0      | 1330860.0   | 0.704432 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.147921   | 10.0      | 1343086.0   | 0.739603 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.351435   | 10.0      | 1338143.0   | 0.70287  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.790015   | 10.0      | 1360861.0   | 0.790015 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.53216    | 10.0      | 1372931.0   | 0.76608  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 4.155178   | 10.0      | 1379202.0   | 0.831036 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 8.051891   | 10.0      | 1396688.0   | 0.805189 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 19.818353  | 10.0      | 1417363.0   | 0.792734 | Y    |



## Calibration

/ Styrene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

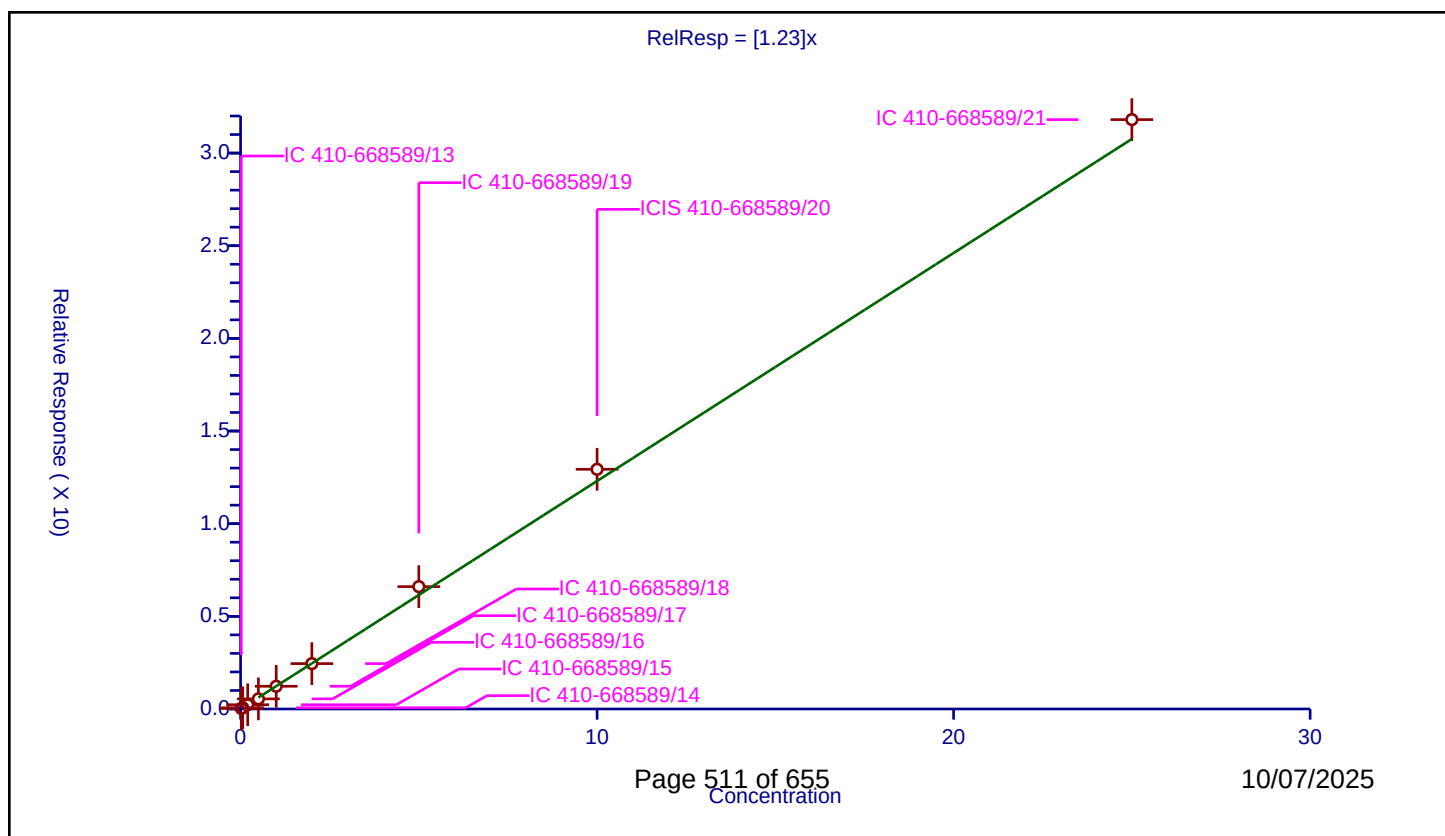
## Curve Coefficients

Intercept: 0  
Slope: 1.23

## Error Coefficients

Relative Standard Deviation: 8.6

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.028107   | 10.0      | 1331318.0   | 1.405374 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.065604   | 10.0      | 1330860.0   | 1.093403 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.22936    | 10.0      | 1343086.0   | 1.146799 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.545495   | 10.0      | 1338143.0   | 1.09099  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.226319   | 10.0      | 1360861.0   | 1.226319 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 2.448535   | 10.0      | 1372931.0   | 1.224268 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 6.603652   | 10.0      | 1379202.0   | 1.32073  | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 12.934907  | 10.0      | 1396688.0   | 1.293491 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 31.805705  | 10.0      | 1417363.0   | 1.272228 | Y    |



## Calibration

/ Bromoform

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

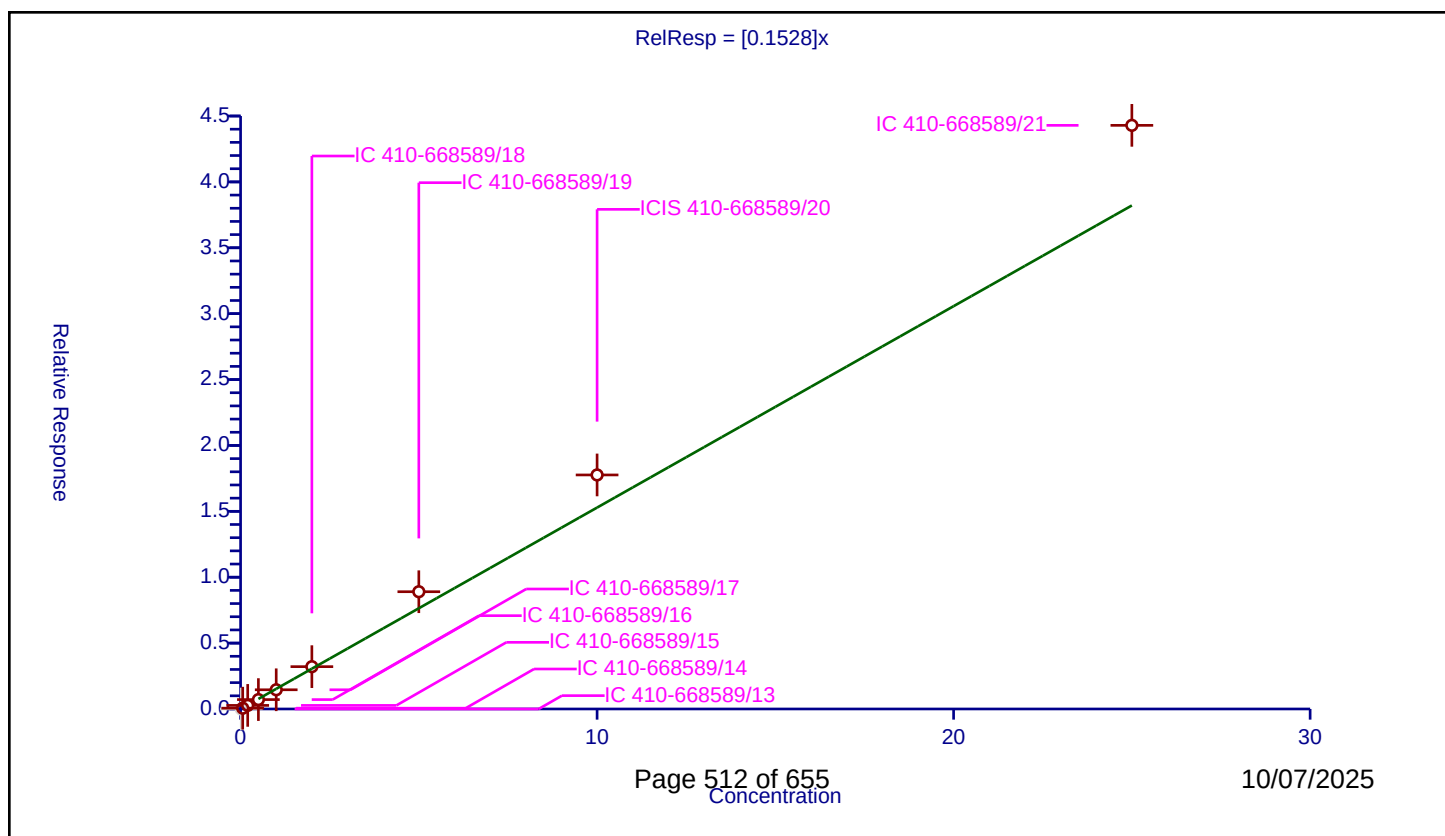
## Curve Coefficients

Intercept: 0  
Slope: 0.1528

## Error Coefficients

Relative Standard Deviation: 16.9

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 10.0      | 1331318.0   | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.006259   | 10.0      | 1330860.0   | 0.104319 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.02728    | 10.0      | 1343086.0   | 0.136402 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.071427   | 10.0      | 1338143.0   | 0.142855 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.145834   | 10.0      | 1360861.0   | 0.145834 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.32116    | 10.0      | 1372931.0   | 0.16058  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 0.89       | 10.0      | 1379202.0   | 0.178    | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 1.776059   | 10.0      | 1396688.0   | 0.177606 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 4.429141   | 10.0      | 1417363.0   | 0.177166 | Y    |



Calibration

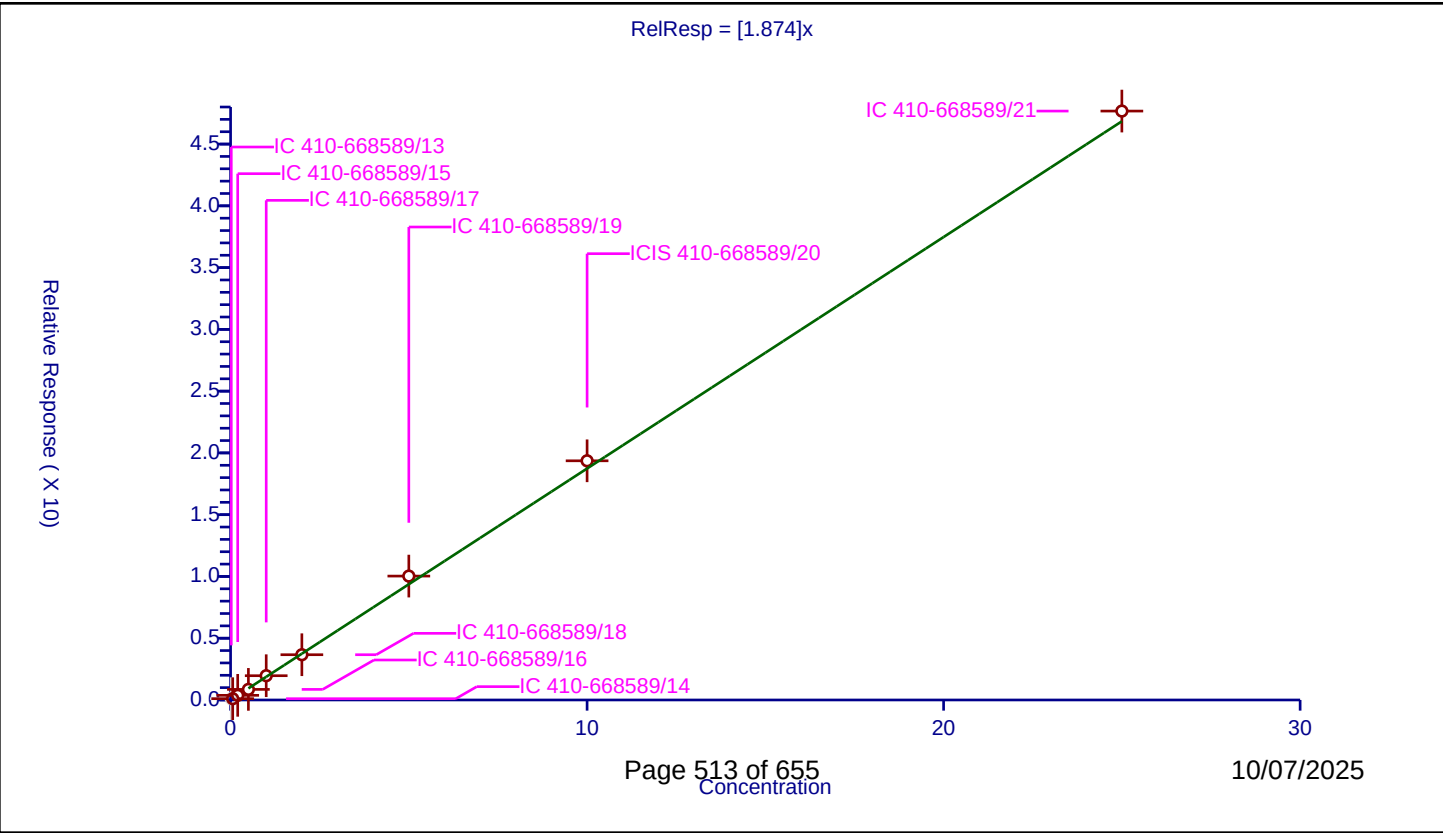
/ Isopropylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

| Curve Coefficients |       |
|--------------------|-------|
| Intercept:         | 0     |
| Slope:             | 1.874 |
| Error Coefficients |       |

Relative Standard Deviation: 5.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.105557   | 10.0      | 1331318.0   | 5.277852 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.104632   | 10.0      | 1330860.0   | 1.74386  | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.376878   | 10.0      | 1343086.0   | 1.884392 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.857382   | 10.0      | 1338143.0   | 1.714764 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.965153   | 10.0      | 1360861.0   | 1.965153 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 3.664481   | 10.0      | 1372931.0   | 1.832241 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 10.030815  | 10.0      | 1379202.0   | 2.006163 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 19.362084  | 10.0      | 1396688.0   | 1.936208 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 47.671225  | 10.0      | 1417363.0   | 1.906849 | Y    |



# Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

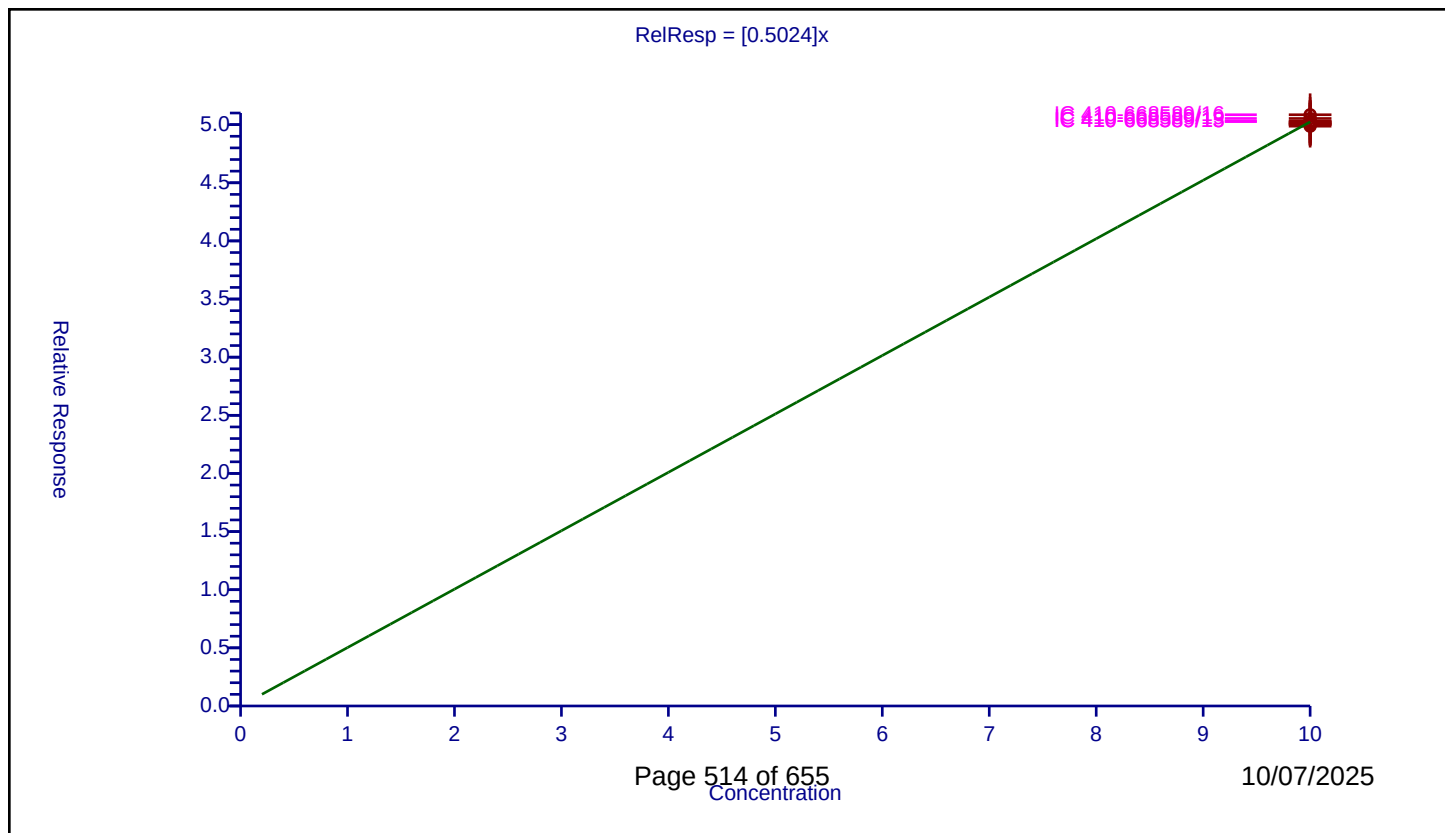
## Curve Coefficients

Intercept: 0  
 Slope: 0.5024

## Error Coefficients

Relative Standard Deviation: 0.6

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/21   | 10.0          | 4.986747   | 10.0      | 1417363.0   | 0.498675 | Y    |
| 2  | ICIS 410-668589/20 | 10.0          | 5.006236   | 10.0      | 1396688.0   | 0.500624 | Y    |
| 3  | IC 410-668589/19   | 10.0          | 5.052994   | 10.0      | 1379202.0   | 0.505299 | Y    |
| 4  | IC 410-668589/18   | 10.0          | 5.005889   | 10.0      | 1372931.0   | 0.500589 | Y    |
| 5  | IC 410-668589/17   | 10.0          | 5.018411   | 10.0      | 1360861.0   | 0.501841 | Y    |
| 6  | IC 410-668589/16   | 10.0          | 5.085025   | 10.0      | 1338143.0   | 0.508502 | Y    |
| 7  | IC 410-668589/15   | 10.0          | 5.029335   | 10.0      | 1343086.0   | 0.502934 | Y    |
| 8  | IC 410-668589/14   | 10.0          | 5.001428   | 10.0      | 1330860.0   | 0.500143 | Y    |
| 9  | IC 410-668589/13   | 10.0          | 5.026357   | 10.0      | 1331318.0   | 0.502636 | Y    |



## Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

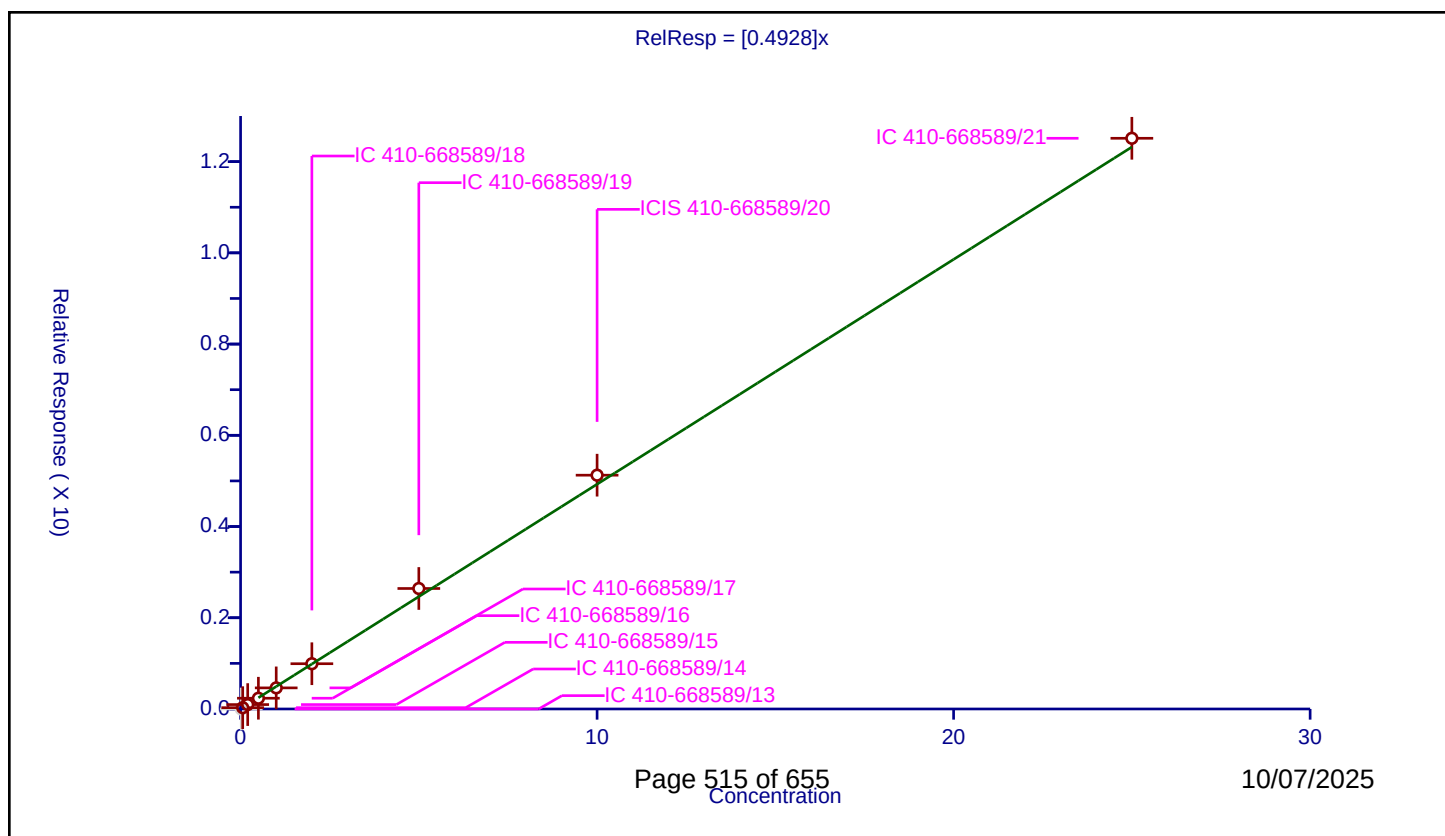
## Curve Coefficients

Intercept: 0  
Slope: 0.4928

## Error Coefficients

Relative Standard Deviation: 4.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 10.0      | 735717.0    | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.029152   | 10.0      | 739240.0    | 0.485859 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.096922   | 10.0      | 743381.0    | 0.48461  | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.23589    | 10.0      | 746831.0    | 0.47178  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.462702   | 10.0      | 755195.0    | 0.462702 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.992352   | 10.0      | 762844.0    | 0.496176 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.641541   | 10.0      | 766613.0    | 0.528308 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 5.125751   | 10.0      | 775184.0    | 0.512575 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 12.512098  | 10.0      | 787338.0    | 0.500484 | Y    |



## Calibration

/ Bromobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

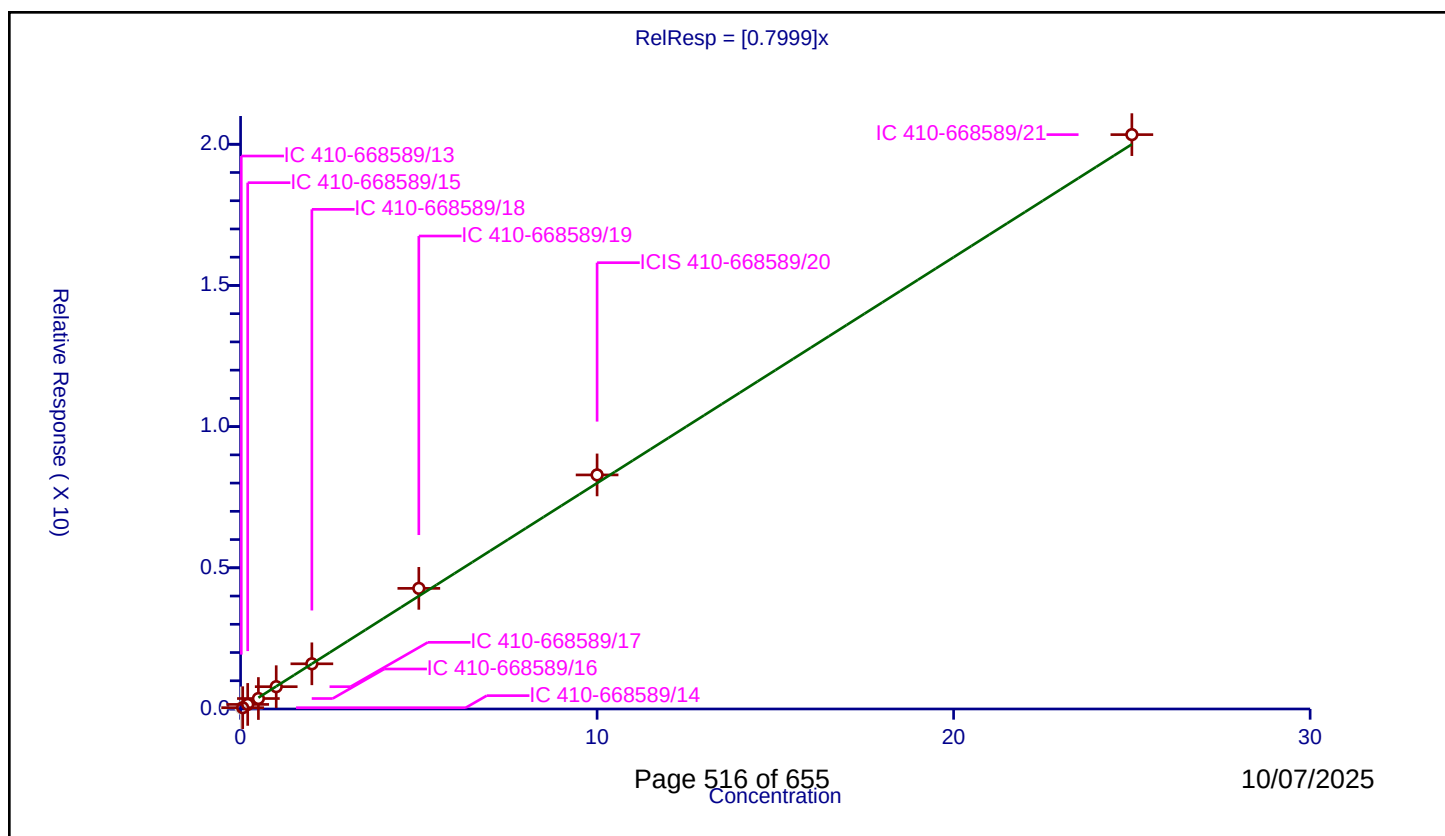
## Curve Coefficients

Intercept: 0  
Slope: 0.7999

## Error Coefficients

Relative Standard Deviation: 4.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.03625    | 10.0      | 735717.0    | 1.812518 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.045696   | 10.0      | 739240.0    | 0.761593 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.161855   | 10.0      | 743381.0    | 0.809275 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.370606   | 10.0      | 746831.0    | 0.741212 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.790312   | 10.0      | 755195.0    | 0.790312 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.600314   | 10.0      | 762844.0    | 0.800157 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 4.27209    | 10.0      | 766613.0    | 0.854418 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 8.28949    | 10.0      | 775184.0    | 0.828949 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 20.340857  | 10.0      | 787338.0    | 0.813634 | Y    |





## Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

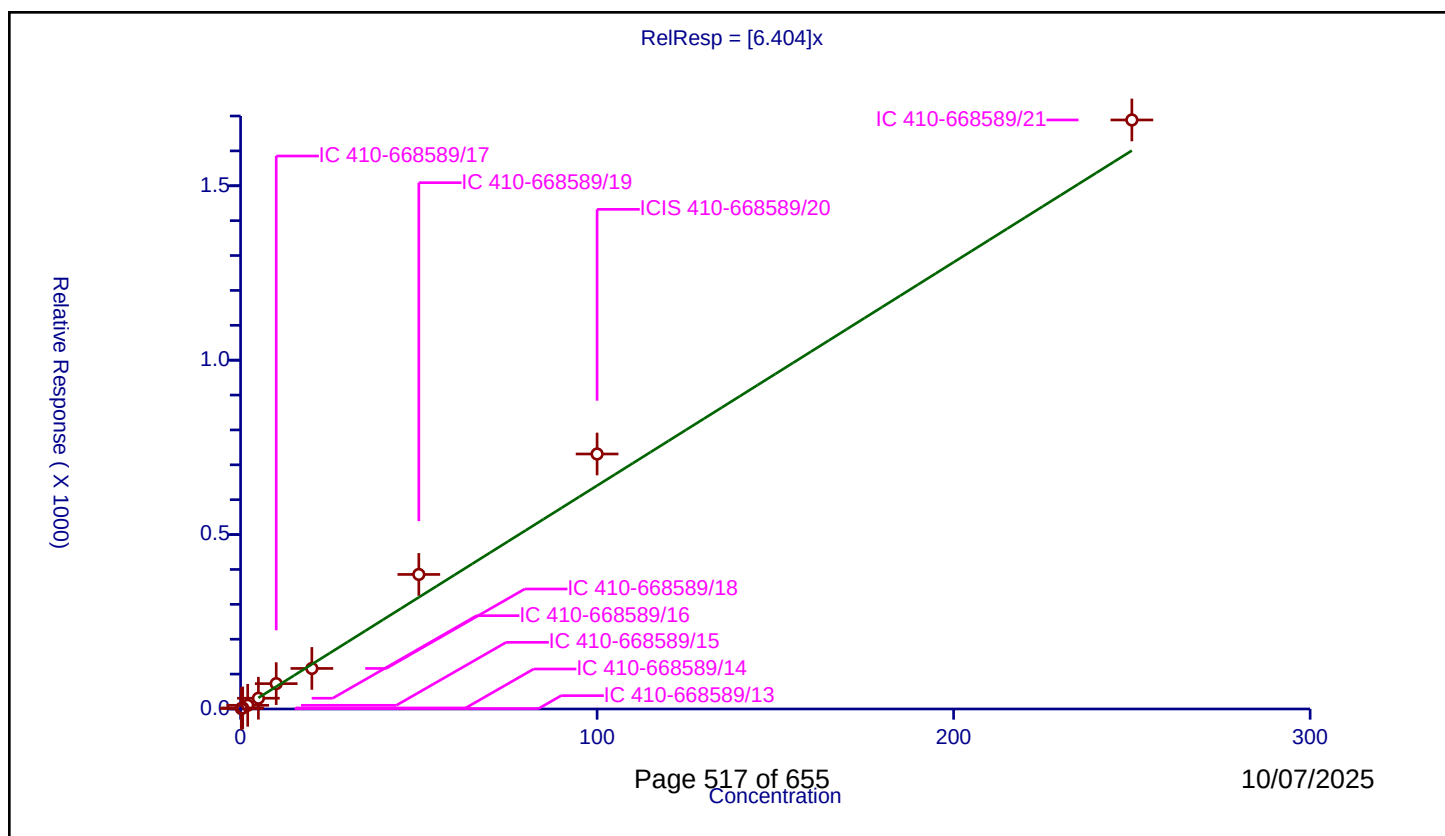
## Curve Coefficients

Intercept: 0  
Slope: 6.404

## Error Coefficients

Relative Standard Deviation: 14.7

| ID | Level              | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.2           | 1.265857    | 50.0      | 73626.0     | 6.329286 | Y    |
| 2  | IC 410-668589/14   | 0.6           | 2.992023    | 50.0      | 80230.0     | 4.986705 | Y    |
| 3  | IC 410-668589/15   | 2.0           | 10.587931   | 50.0      | 83156.0     | 5.293966 | Y    |
| 4  | IC 410-668589/16   | 5.0           | 30.829933   | 50.0      | 72295.0     | 6.165987 | Y    |
| 5  | IC 410-668589/17   | 10.0          | 72.650212   | 50.0      | 64825.0     | 7.265021 | Y    |
| 6  | IC 410-668589/18   | 20.0          | 116.216819  | 50.0      | 87437.0     | 5.810841 | Y    |
| 7  | IC 410-668589/19   | 50.0          | 385.733541  | 50.0      | 71966.0     | 7.714671 | Y    |
| 8  | ICIS 410-668589/20 | 100.0         | 731.051354  | 50.0      | 75826.0     | 7.310514 | Y    |
| 9  | IC 410-668589/21   | 250.0         | 1688.696875 | 50.0      | 82517.0     | 6.754787 | Y    |



## Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

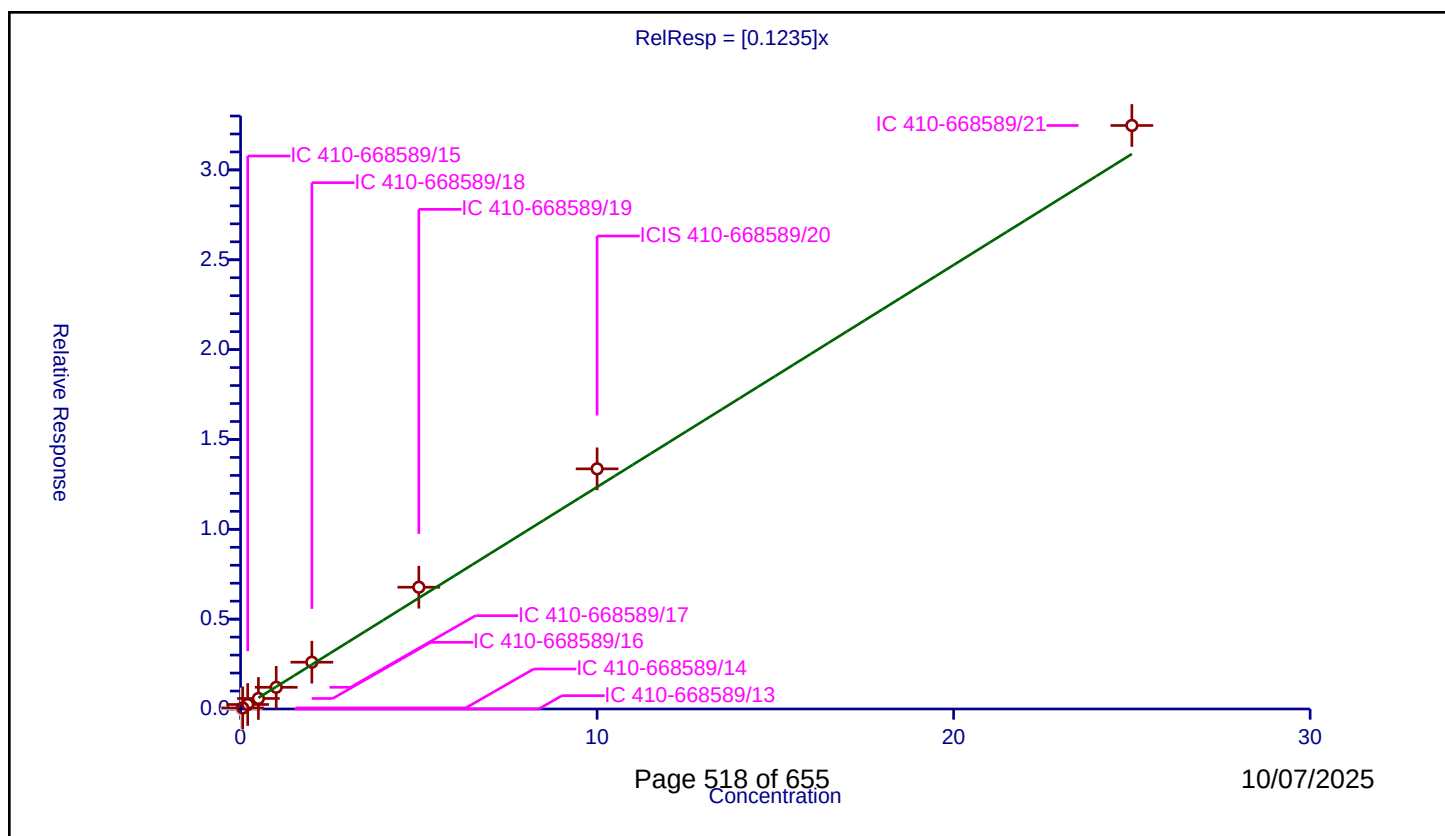
## Curve Coefficients

Intercept: 0  
Slope: 0.1235

## Error Coefficients

Relative Standard Deviation: 10.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 10.0      | 735717.0    | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.00579    | 10.0      | 739240.0    | 0.096495 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.024967   | 10.0      | 743381.0    | 0.124835 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.058567   | 10.0      | 746831.0    | 0.117135 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.120658   | 10.0      | 755195.0    | 0.120658 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.260342   | 10.0      | 762844.0    | 0.130171 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 0.677656   | 10.0      | 766613.0    | 0.135531 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 1.336431   | 10.0      | 775184.0    | 0.133643 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 3.24736    | 10.0      | 787338.0    | 0.129894 | Y    |



## Calibration

/ N-Propylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

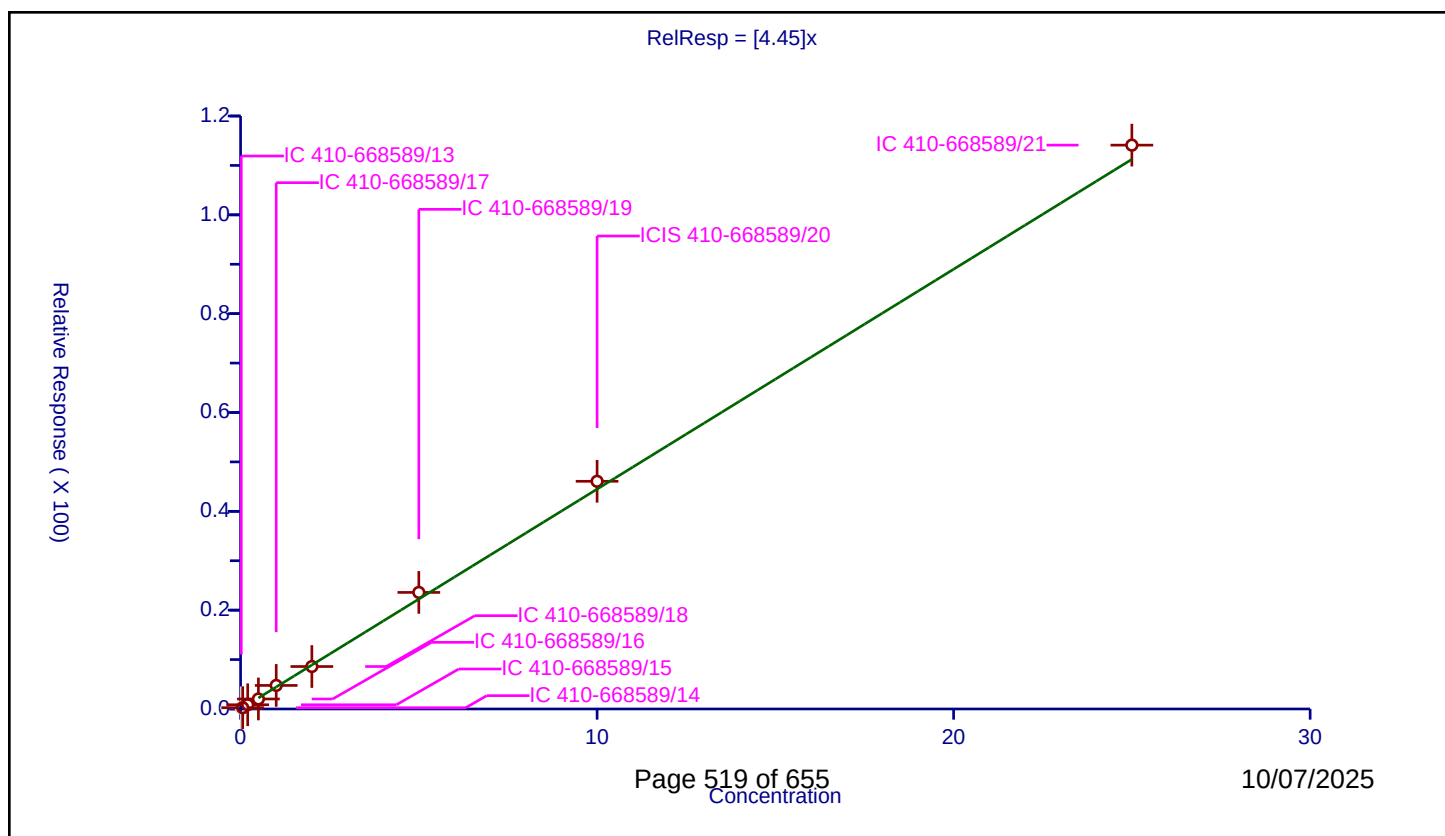
## Curve Coefficients

Intercept: 0  
Slope: 4.45

## Error Coefficients

Relative Standard Deviation: 5.6

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF       | Used |
|----|--------------------|---------------|------------|-----------|-------------|-----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.242335   | 10.0      | 735717.0    | 12.116751 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.257968   | 10.0      | 739240.0    | 4.299461  | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.857232   | 10.0      | 743381.0    | 4.28616   | Y    |
| 4  | IC 410-668589/16   | 0.5           | 2.027915   | 10.0      | 746831.0    | 4.055831  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 4.767444   | 10.0      | 755195.0    | 4.767444  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 8.592871   | 10.0      | 762844.0    | 4.296435  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 23.593156  | 10.0      | 766613.0    | 4.718631  | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 46.080582  | 10.0      | 775184.0    | 4.608058  | Y    |
| 9  | IC 410-668589/21   | 25.0          | 114.105733 | 10.0      | 787338.0    | 4.564229  | Y    |



## Calibration

/ 2-Chlorotoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

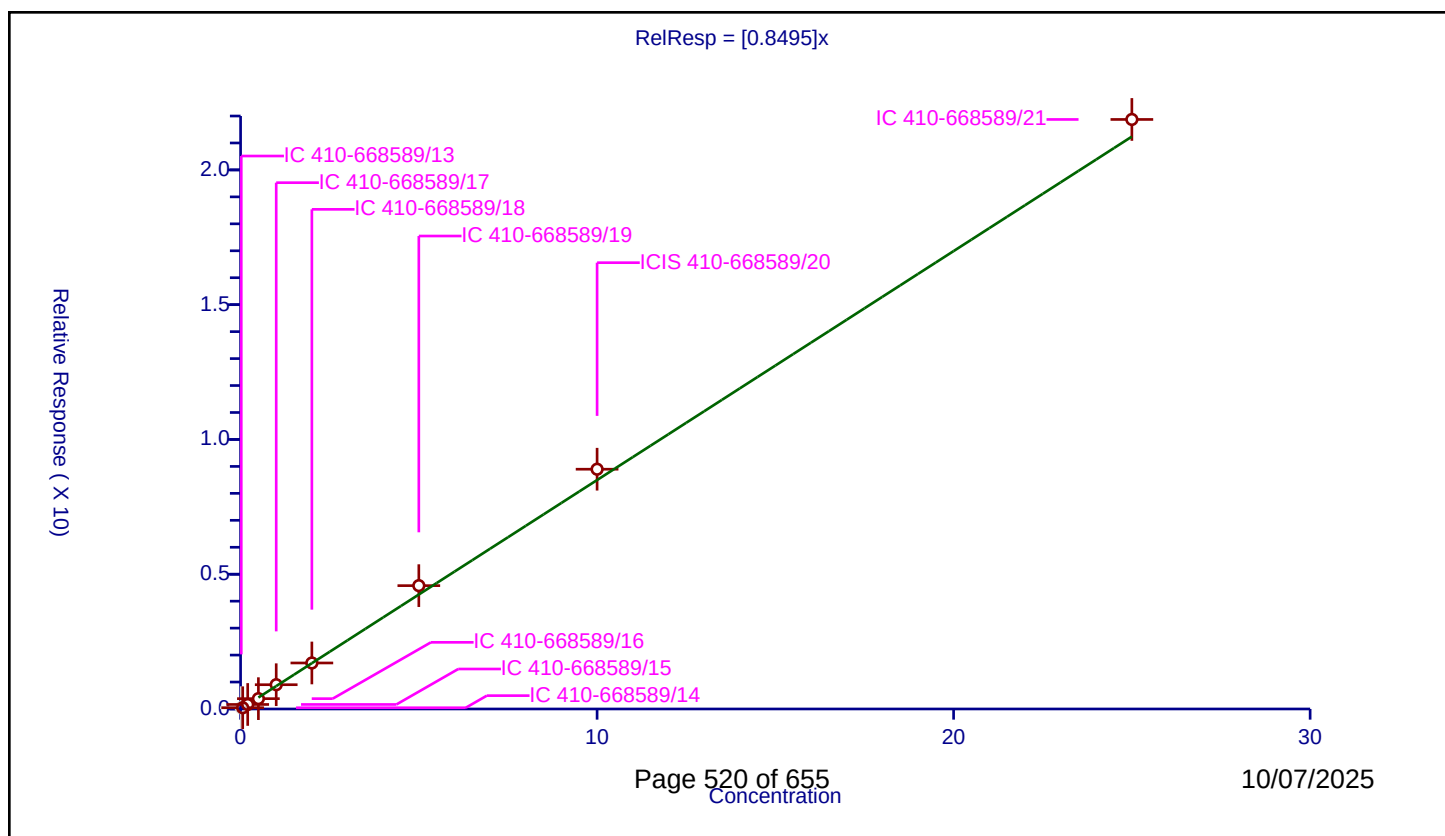
## Curve Coefficients

Intercept: 0  
Slope: 0.8495

## Error Coefficients

Relative Standard Deviation: 7.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.047817   | 10.0      | 735717.0    | 2.390865 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.045533   | 10.0      | 739240.0    | 0.758888 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.167196   | 10.0      | 743381.0    | 0.835978 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.383353   | 10.0      | 746831.0    | 0.766706 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.900999   | 10.0      | 755195.0    | 0.900999 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.706679   | 10.0      | 762844.0    | 0.85334  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 4.576194   | 10.0      | 766613.0    | 0.915239 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 8.895707   | 10.0      | 775184.0    | 0.889571 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 21.872118  | 10.0      | 787338.0    | 0.874885 | Y    |



## Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

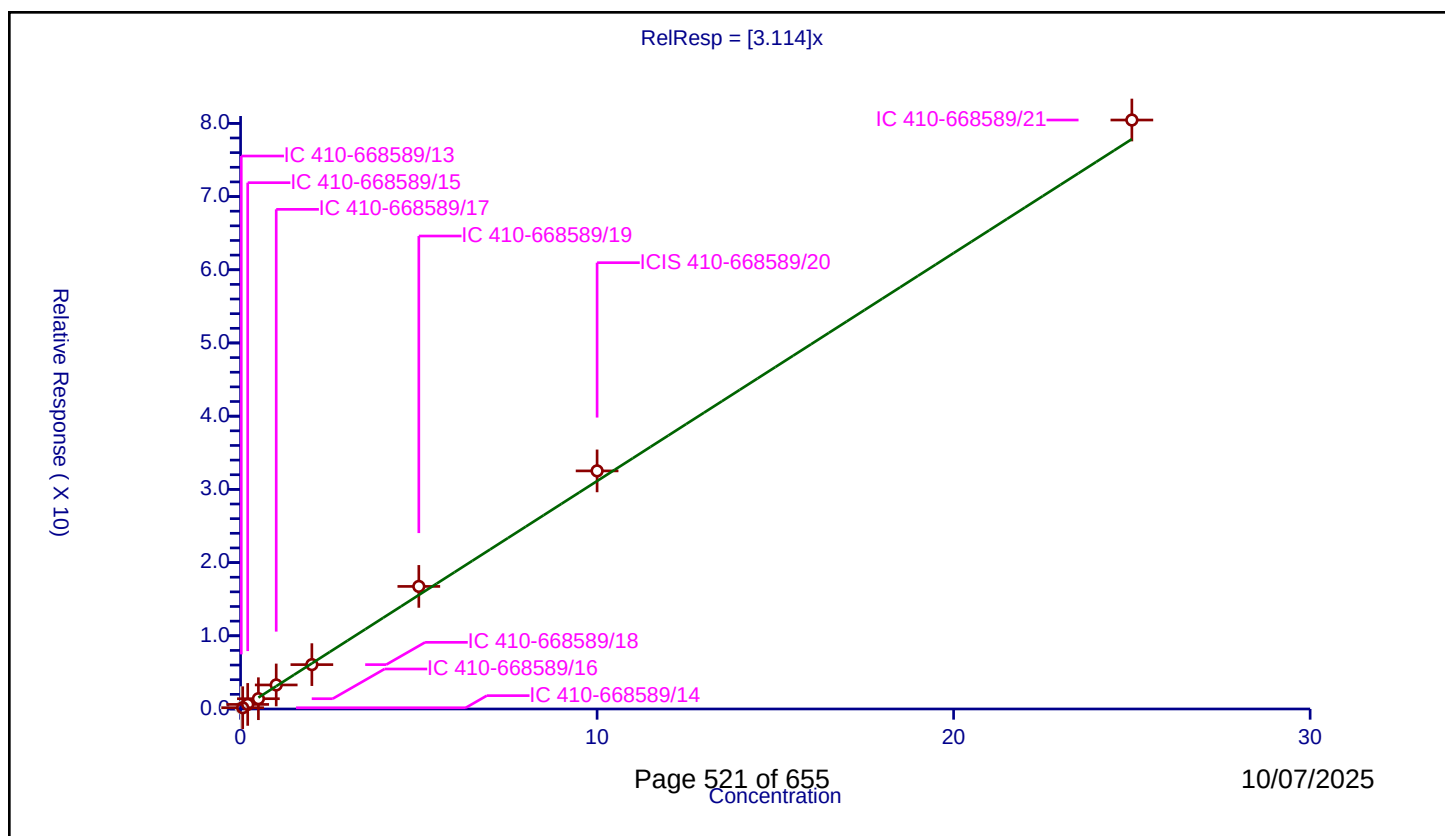
## Curve Coefficients

Intercept: 0  
Slope: 3.114

## Error Coefficients

Relative Standard Deviation: 6.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.178397   | 10.0      | 735717.0    | 8.91987  | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.170621   | 10.0      | 739240.0    | 2.843686 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.625063   | 10.0      | 743381.0    | 3.125315 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 1.404762   | 10.0      | 746831.0    | 2.809525 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 3.282199   | 10.0      | 755195.0    | 3.282199 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 6.060872   | 10.0      | 762844.0    | 3.030436 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 16.743207  | 10.0      | 766613.0    | 3.348641 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 32.521892  | 10.0      | 775184.0    | 3.252189 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 80.45236   | 10.0      | 787338.0    | 3.218094 | Y    |



## Calibration

/ 4-Chlorotoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

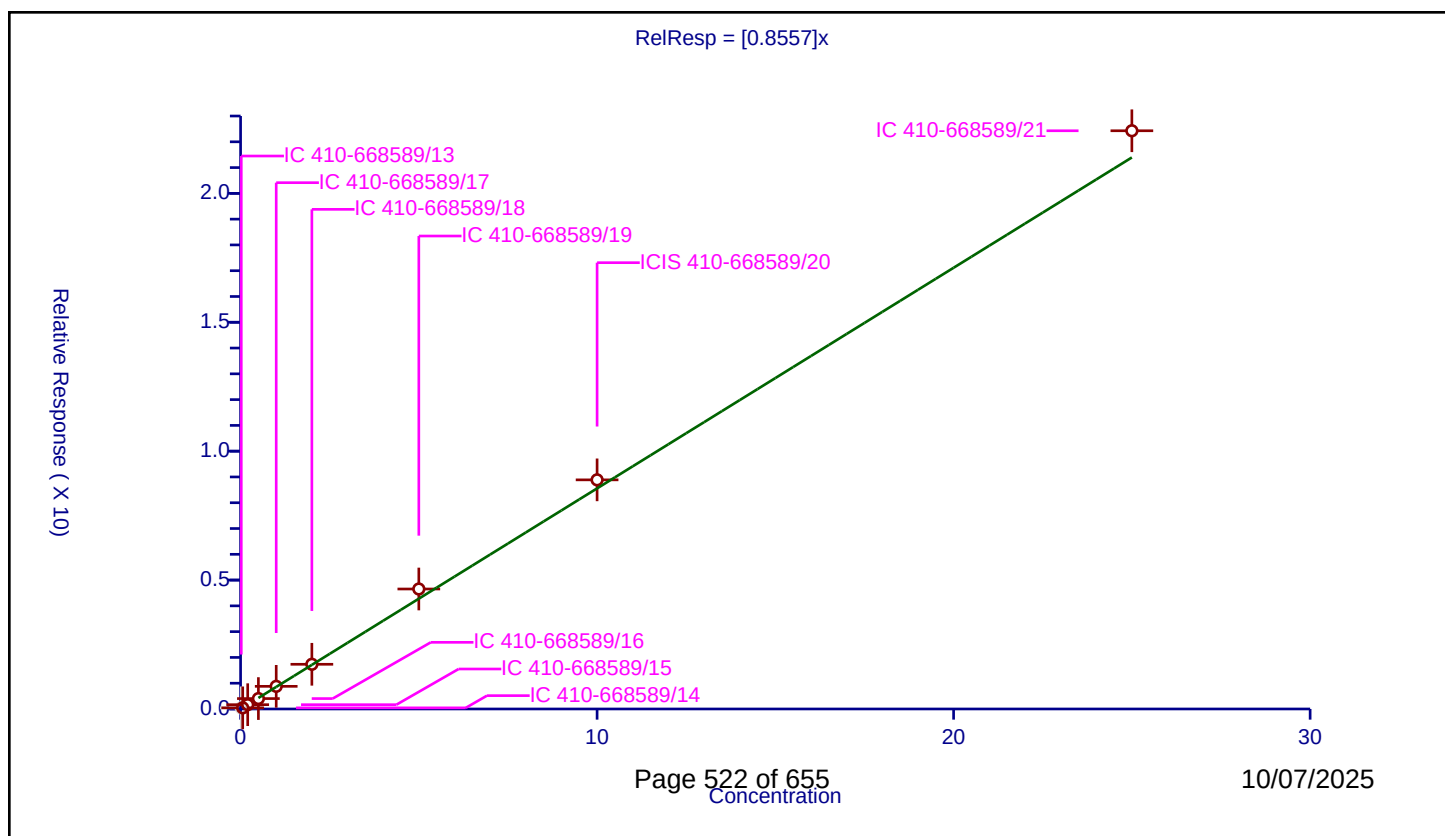
## Curve Coefficients

Intercept: 0  
Slope: 0.8557

## Error Coefficients

Relative Standard Deviation: 7.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.043536   | 10.0      | 735717.0    | 2.176788 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.044438   | 10.0      | 739240.0    | 0.740626 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.167142   | 10.0      | 743381.0    | 0.835709 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.403545   | 10.0      | 746831.0    | 0.80709  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.878382   | 10.0      | 755195.0    | 0.878382 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.734234   | 10.0      | 762844.0    | 0.867117 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 4.653965   | 10.0      | 766613.0    | 0.930793 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 8.887838   | 10.0      | 775184.0    | 0.888784 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 22.427674  | 10.0      | 787338.0    | 0.897107 | Y    |



## Calibration

/ tert-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

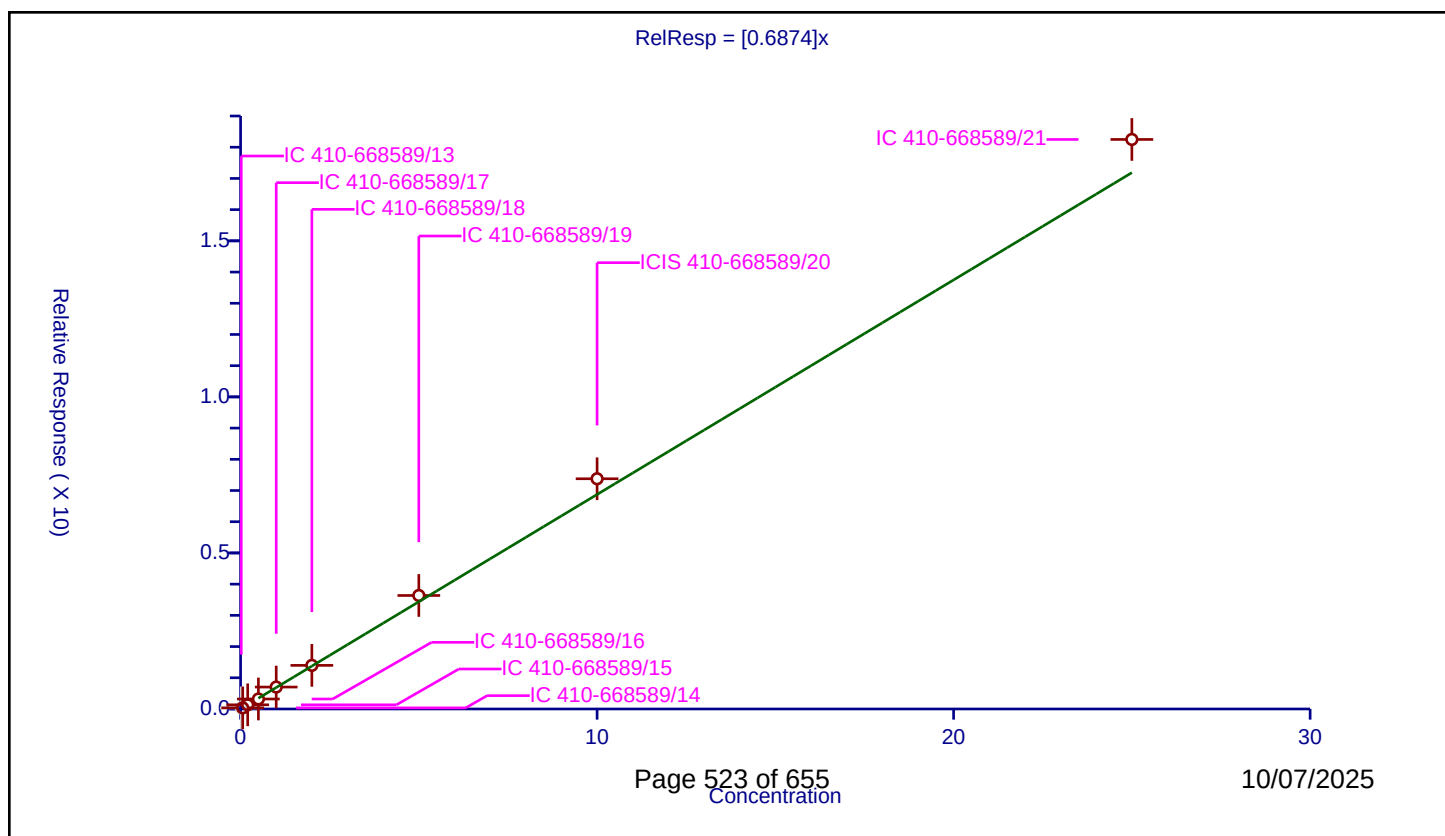
## Curve Coefficients

Intercept: 0  
Slope: 0.6874

## Error Coefficients

Relative Standard Deviation: 7.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.035299   | 10.0      | 735717.0    | 1.764945 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.035685   | 10.0      | 739240.0    | 0.594755 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.133552   | 10.0      | 743381.0    | 0.66776  | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.320059   | 10.0      | 746831.0    | 0.640118 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.702931   | 10.0      | 755195.0    | 0.702931 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.397075   | 10.0      | 762844.0    | 0.698537 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 3.637363   | 10.0      | 766613.0    | 0.727473 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 7.376765   | 10.0      | 775184.0    | 0.737676 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 18.248973  | 10.0      | 787338.0    | 0.729959 | Y    |



## Calibration

/ Pentachloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

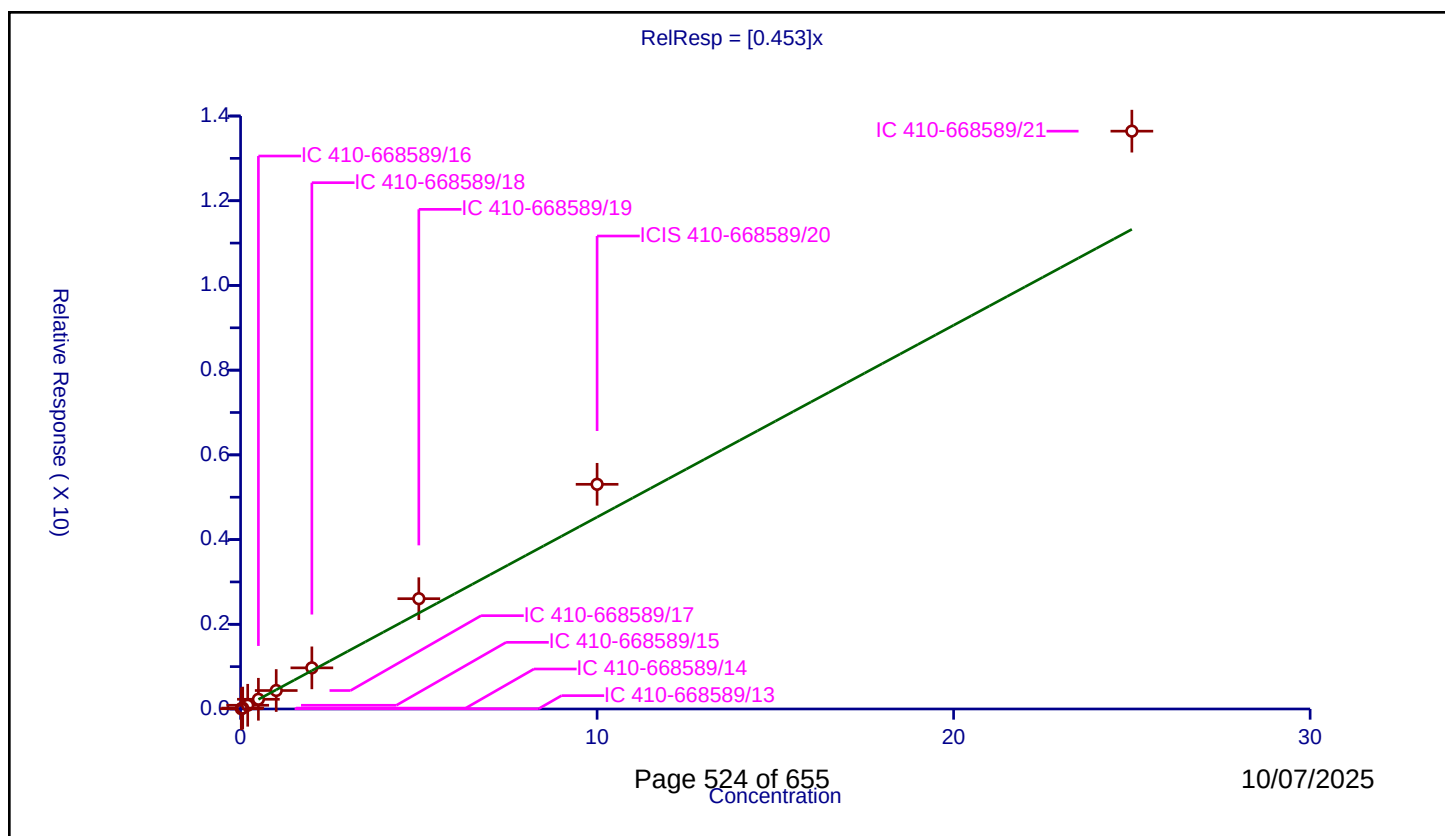
## Curve Coefficients

Intercept: 0  
Slope: 0.453

## Error Coefficients

Relative Standard Deviation: 17.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.006171   | 10.0      | 735717.0    | 0.308543 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.021076   | 10.0      | 739240.0    | 0.351262 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.08795    | 10.0      | 743381.0    | 0.439748 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.229409   | 10.0      | 746831.0    | 0.458819 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.435914   | 10.0      | 755195.0    | 0.435914 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.97126    | 10.0      | 762844.0    | 0.48563  | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.6043     | 10.0      | 766613.0    | 0.52086  | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 5.304844   | 10.0      | 775184.0    | 0.530484 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 13.642133  | 10.0      | 787338.0    | 0.545685 | Y    |





## Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

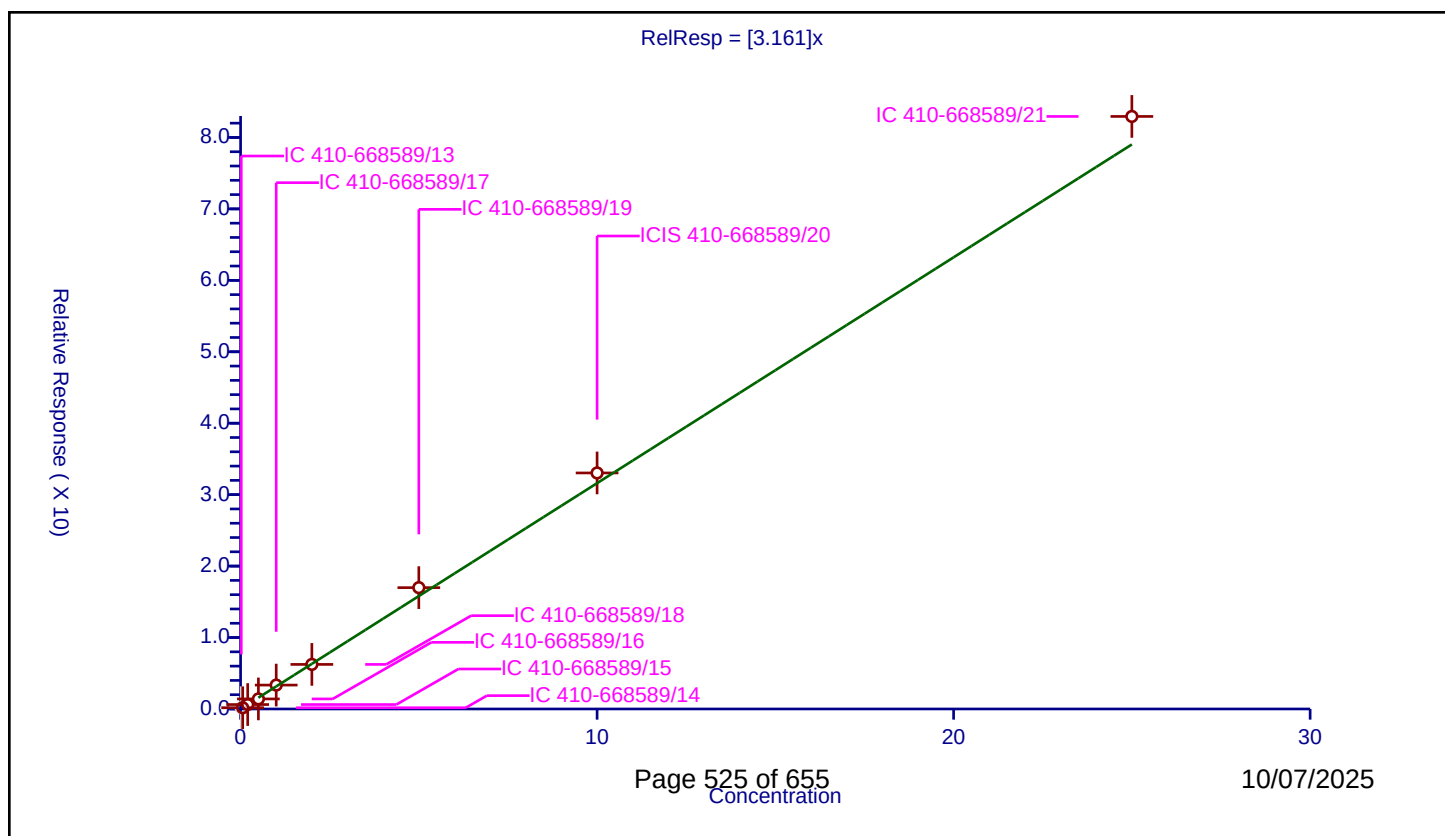
### Curve Coefficients

Intercept: 0  
 Slope: 3.161

### Error Coefficients

Relative Standard Deviation: 7.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.175176   | 10.0      | 735717.0    | 8.758803 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.17215    | 10.0      | 739240.0    | 2.869163 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.622776   | 10.0      | 743381.0    | 3.113881 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 1.409984   | 10.0      | 746831.0    | 2.819969 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 3.346103   | 10.0      | 755195.0    | 3.346103 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 6.239008   | 10.0      | 762844.0    | 3.119504 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 16.986002  | 10.0      | 766613.0    | 3.3972   | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 33.039046  | 10.0      | 775184.0    | 3.303905 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 82.939106  | 10.0      | 787338.0    | 3.317564 | Y    |



## Calibration

/ sec-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

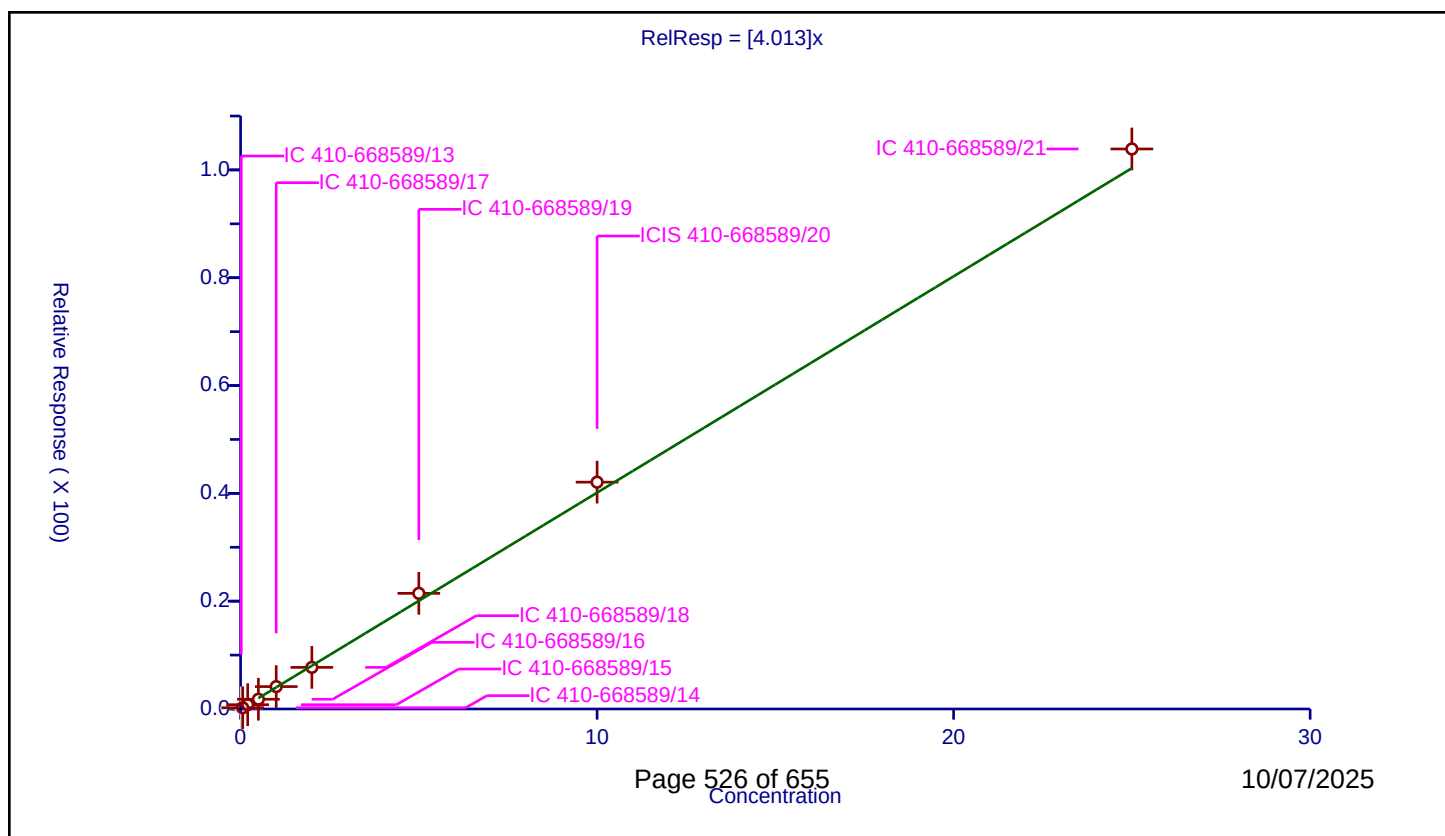
## Curve Coefficients

Intercept: 0  
Slope: 4.013

## Error Coefficients

Relative Standard Deviation: 5.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.193159   | 10.0      | 735717.0    | 9.657926 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.231251   | 10.0      | 739240.0    | 3.854184 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.792151   | 10.0      | 743381.0    | 3.960755 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 1.810155   | 10.0      | 746831.0    | 3.62031  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 4.154874   | 10.0      | 755195.0    | 4.154874 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 7.719927   | 10.0      | 762844.0    | 3.859964 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 21.450471  | 10.0      | 766613.0    | 4.290094 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 42.07801   | 10.0      | 775184.0    | 4.207801 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 103.886412 | 10.0      | 787338.0    | 4.155456 | Y    |



# Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

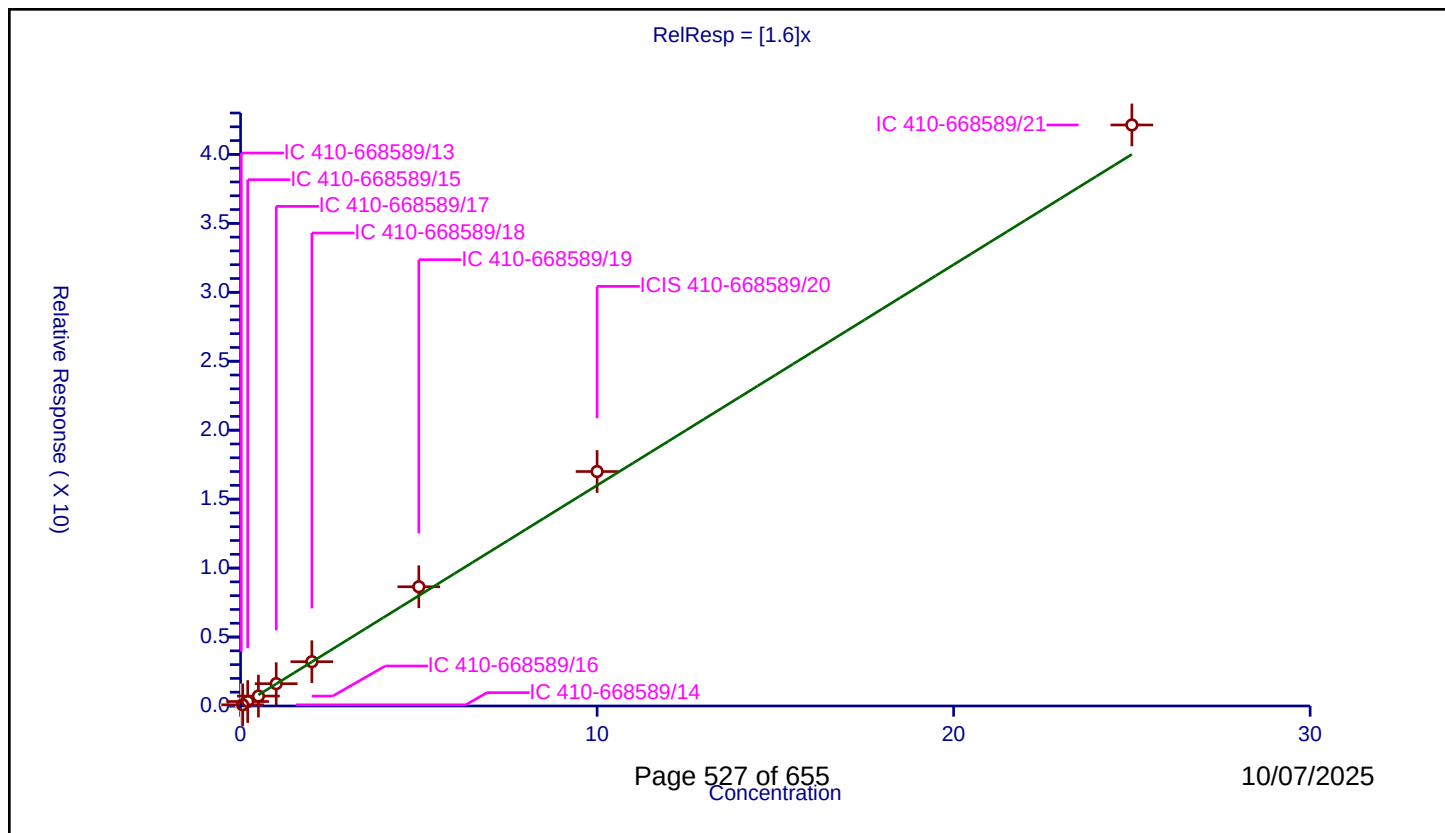
## Curve Coefficients

Intercept: 0  
Slope: 1.6

## Error Coefficients

Relative Standard Deviation: 7.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.082858   | 10.0      | 735717.0    | 4.142897 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.084438   | 10.0      | 739240.0    | 1.407301 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.324275   | 10.0      | 743381.0    | 1.621376 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.717525   | 10.0      | 746831.0    | 1.43505  | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.617106   | 10.0      | 755195.0    | 1.617106 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 3.210198   | 10.0      | 762844.0    | 1.605099 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 8.646475   | 10.0      | 766613.0    | 1.729295 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 17.002776  | 10.0      | 775184.0    | 1.700278 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 42.134179  | 10.0      | 787338.0    | 1.685367 | Y    |



## Calibration

/ 4-Isopropyltoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

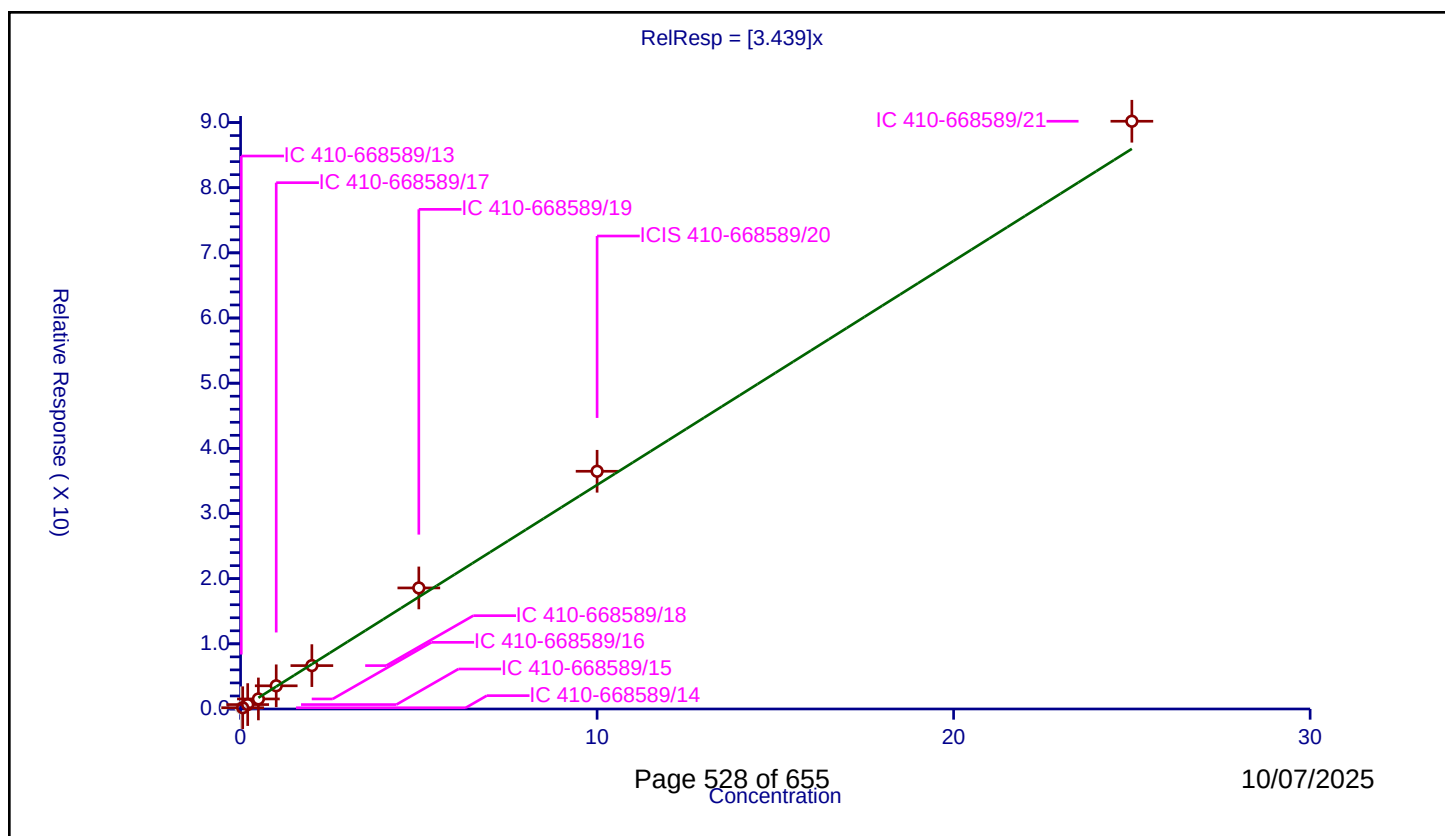
## Curve Coefficients

Intercept: 0  
Slope: 3.439

## Error Coefficients

Relative Standard Deviation: 6.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.174143   | 10.0      | 735717.0    | 8.707152 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.190655   | 10.0      | 739240.0    | 3.177588 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.678185   | 10.0      | 743381.0    | 3.390926 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 1.541567   | 10.0      | 746831.0    | 3.083134 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 3.557042   | 10.0      | 755195.0    | 3.557042 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 6.656236   | 10.0      | 762844.0    | 3.328118 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 18.578396  | 10.0      | 766613.0    | 3.715679 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 36.479558  | 10.0      | 775184.0    | 3.647956 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 90.198923  | 10.0      | 787338.0    | 3.607957 | Y    |



# Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

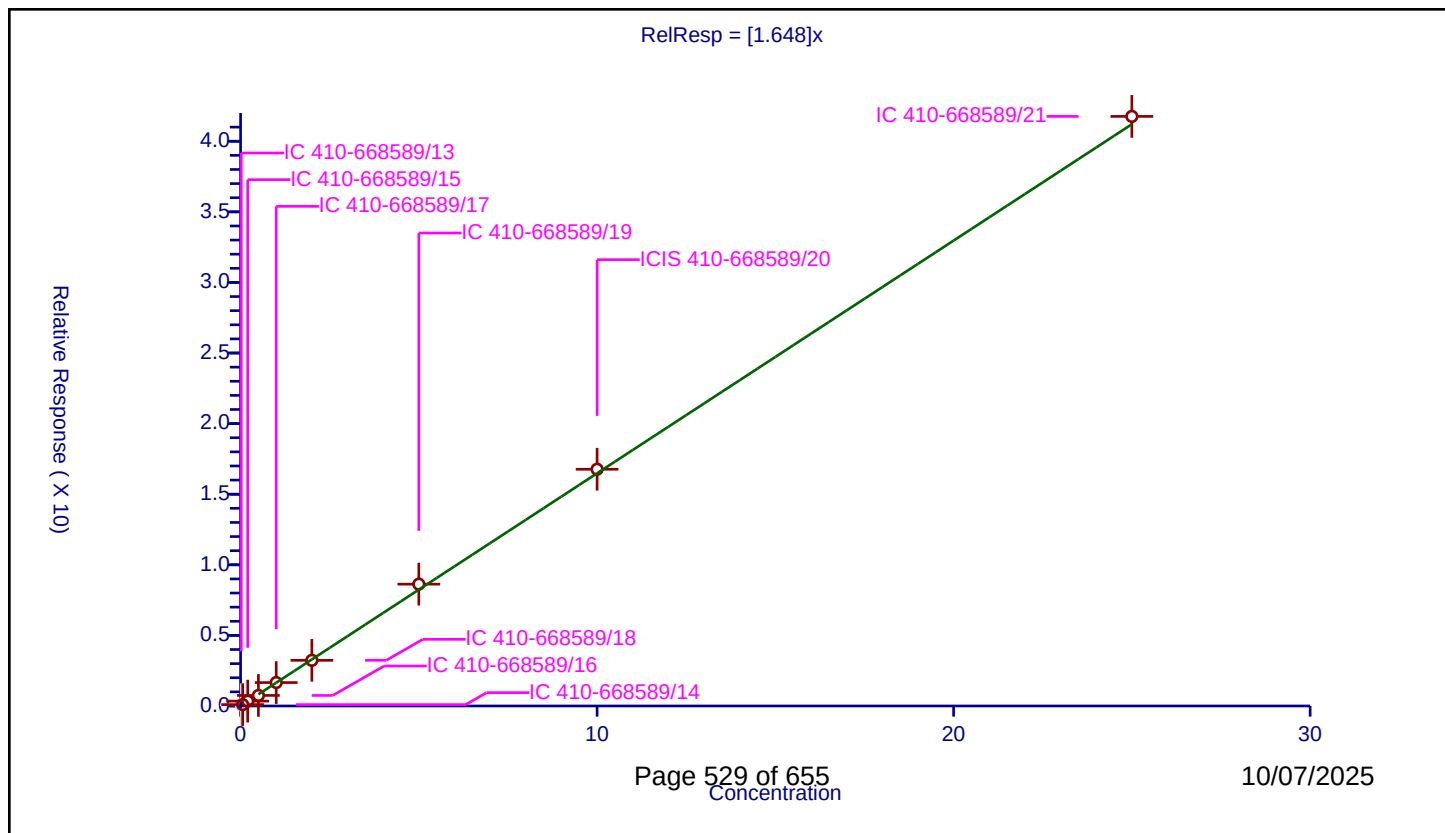
## Curve Coefficients

Intercept: 0  
Slope: 1.648

## Error Coefficients

Relative Standard Deviation: 4.5

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.08824    | 10.0      | 735717.0    | 4.412023 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.097154   | 10.0      | 739240.0    | 1.619231 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.344803   | 10.0      | 743381.0    | 1.724015 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.746795   | 10.0      | 746831.0    | 1.493591 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.658486   | 10.0      | 755195.0    | 1.658486 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 3.234292   | 10.0      | 762844.0    | 1.617146 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 8.628669   | 10.0      | 766613.0    | 1.725734 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 16.768535  | 10.0      | 775184.0    | 1.676853 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 41.759956  | 10.0      | 787338.0    | 1.670398 | Y    |



## Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

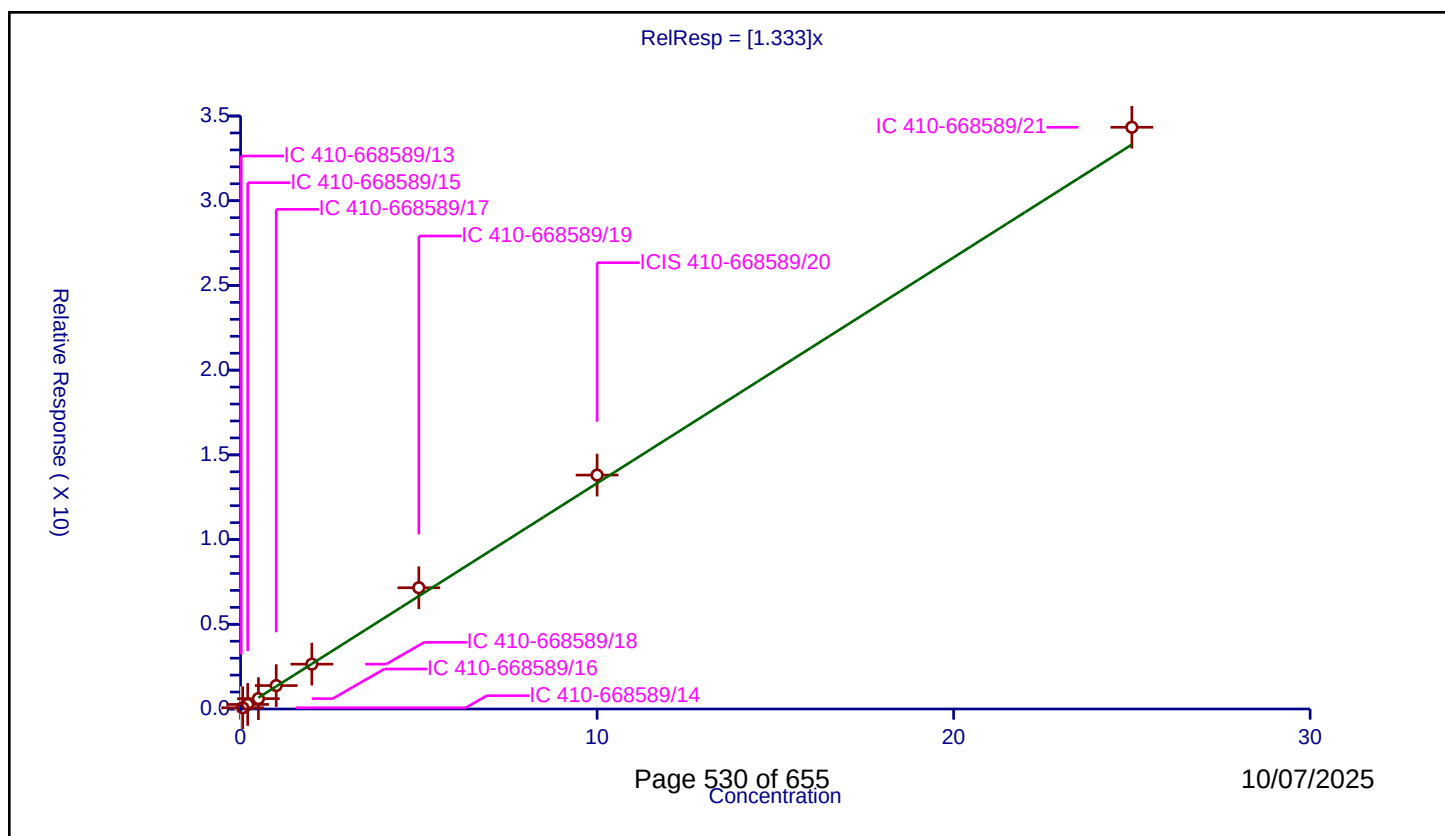
## Curve Coefficients

Intercept: 0  
Slope: 1.333

## Error Coefficients

Relative Standard Deviation: 6.0

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.073928   | 10.0      | 735717.0    | 3.696394 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.072304   | 10.0      | 739240.0    | 1.205066 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.268516   | 10.0      | 743381.0    | 1.342582 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.611142   | 10.0      | 746831.0    | 1.222285 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.38163    | 10.0      | 755195.0    | 1.38163  | Y    |
| 6  | IC 410-668589/18   | 2.0           | 2.64737    | 10.0      | 762844.0    | 1.323685 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 7.156584   | 10.0      | 766613.0    | 1.431317 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 13.805922  | 10.0      | 775184.0    | 1.380592 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 34.335978  | 10.0      | 787338.0    | 1.373439 | Y    |



## Calibration

/ Benzyl chloride

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

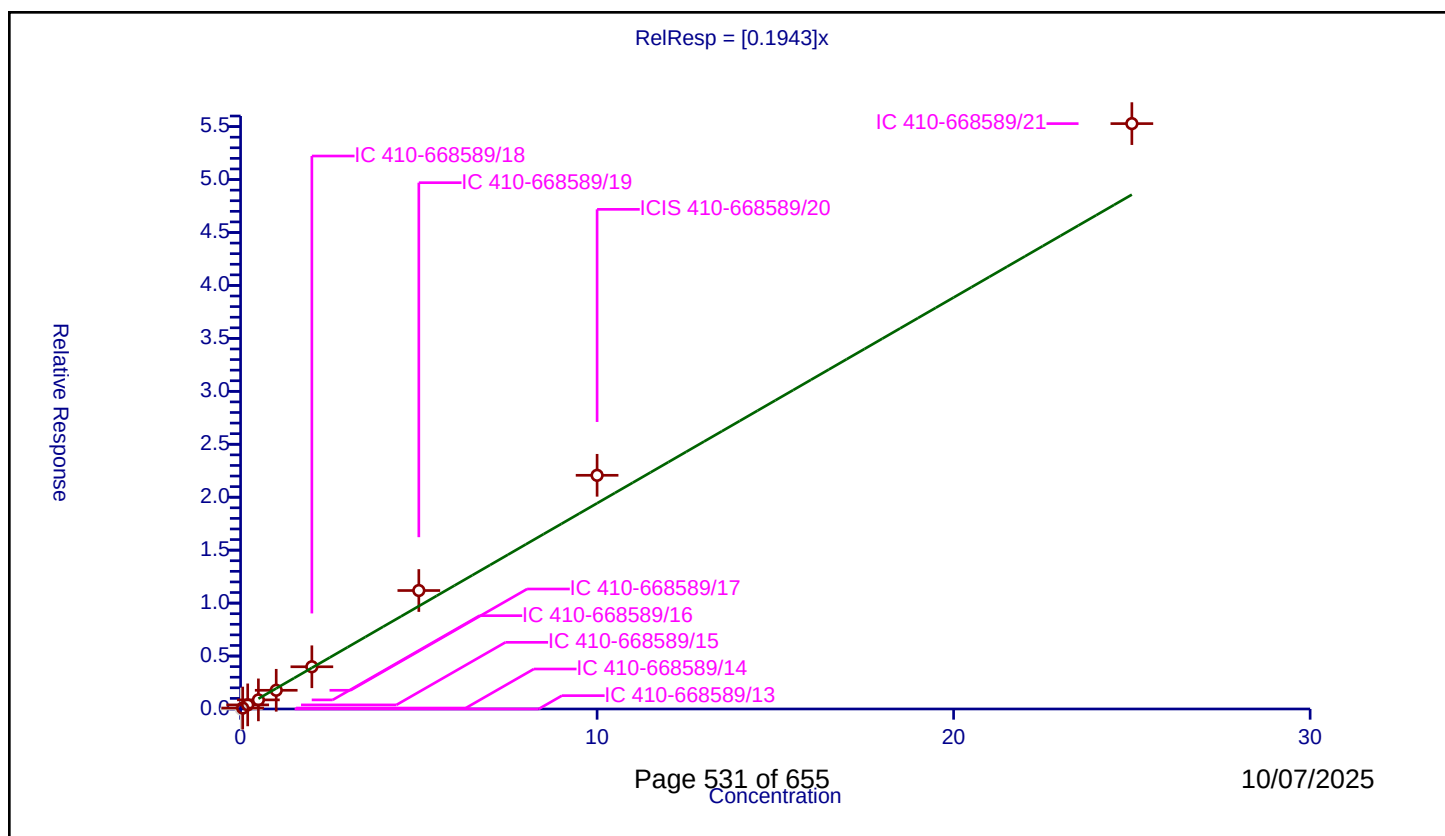
## Curve Coefficients

Intercept: 0  
Slope: 0.1943

## Error Coefficients

Relative Standard Deviation: 14.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 10.0      | 735717.0    | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.00882    | 10.0      | 739240.0    | 0.146998 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.038782   | 10.0      | 743381.0    | 0.193911 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.085936   | 10.0      | 746831.0    | 0.171873 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.176683   | 10.0      | 755195.0    | 0.176683 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.398784   | 10.0      | 762844.0    | 0.199392 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 1.118778   | 10.0      | 766613.0    | 0.223756 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 2.206857   | 10.0      | 775184.0    | 0.220686 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 5.528121   | 10.0      | 787338.0    | 0.221125 | Y    |



## Calibration

/ n-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

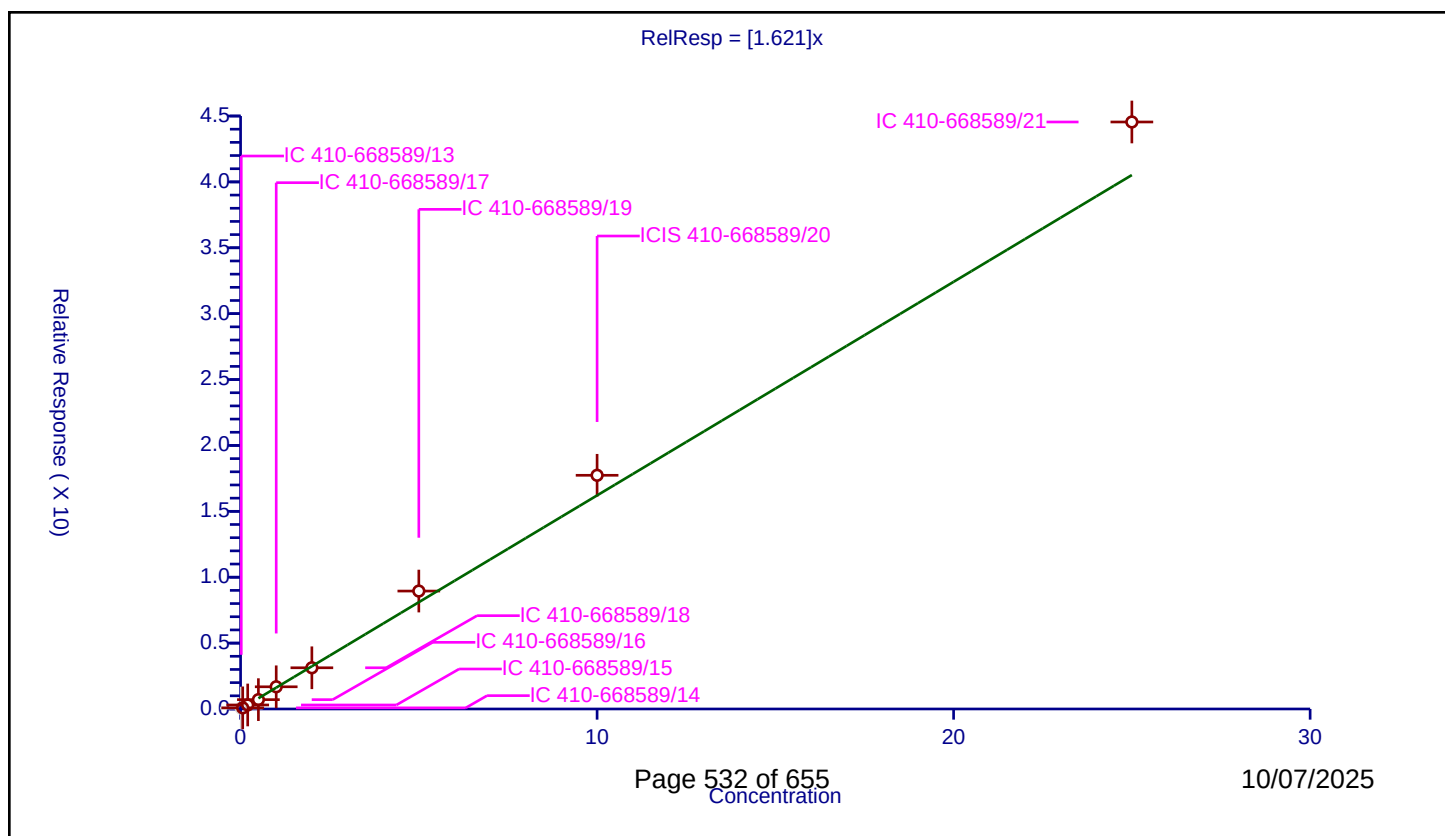
## Curve Coefficients

Intercept: 0  
Slope: 1.621

## Error Coefficients

Relative Standard Deviation: 9.7

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.066547   | 10.0      | 735717.0    | 3.327366 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.085723   | 10.0      | 739240.0    | 1.42872  | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.304998   | 10.0      | 743381.0    | 1.524992 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.709237   | 10.0      | 746831.0    | 1.418474 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.685141   | 10.0      | 755195.0    | 1.685141 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 3.127428   | 10.0      | 762844.0    | 1.563714 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 8.950227   | 10.0      | 766613.0    | 1.790045 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 17.735518  | 10.0      | 775184.0    | 1.773552 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 44.547031  | 10.0      | 787338.0    | 1.781881 | Y    |





## Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

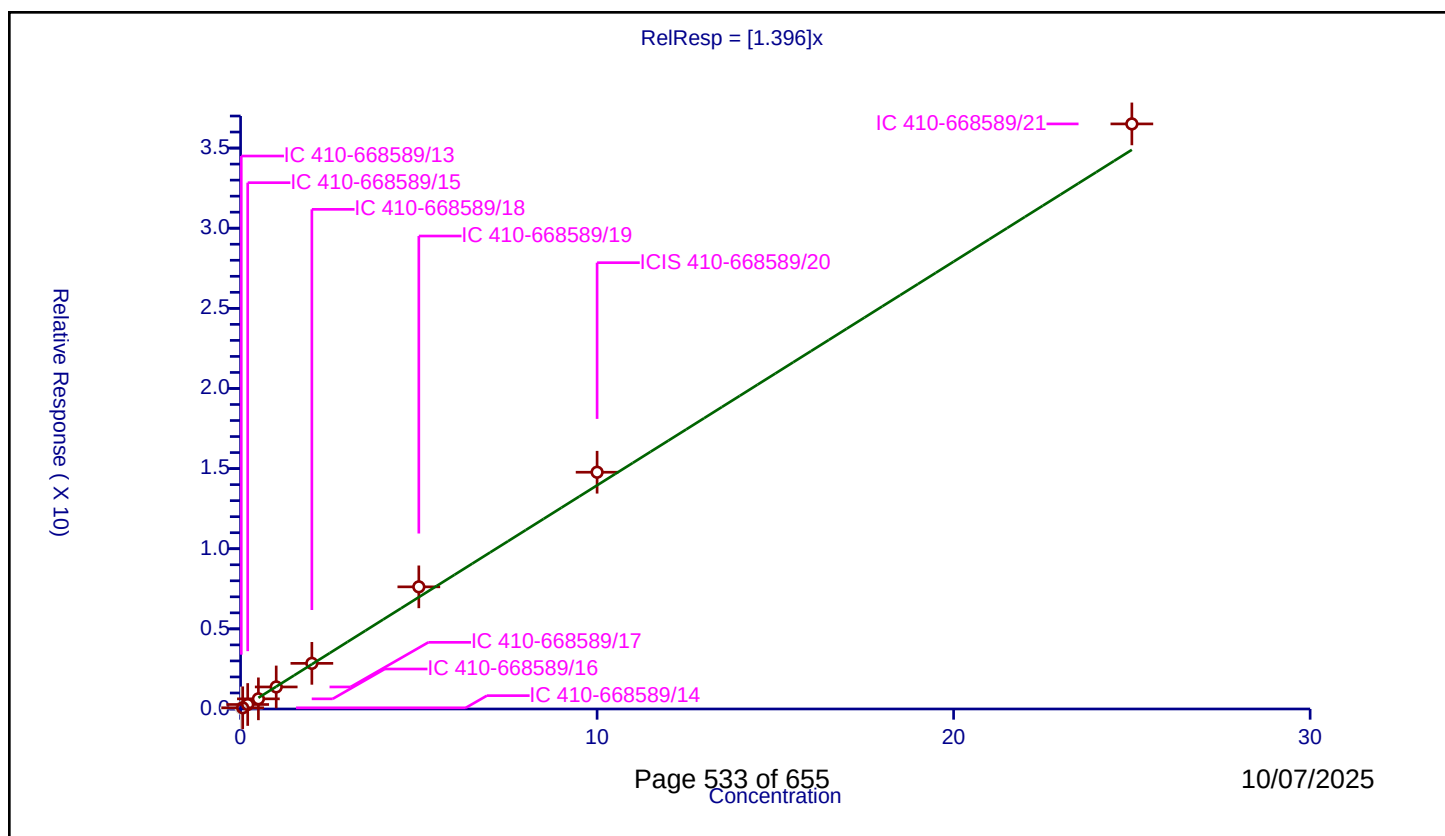
## Curve Coefficients

Intercept: 0  
Slope: 1.396

## Error Coefficients

Relative Standard Deviation: 7.3

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.060023   | 10.0      | 735717.0    | 3.001154 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.073981   | 10.0      | 739240.0    | 1.233023 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.28104    | 10.0      | 743381.0    | 1.405201 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.633088   | 10.0      | 746831.0    | 1.266177 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.375234   | 10.0      | 755195.0    | 1.375234 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 2.848013   | 10.0      | 762844.0    | 1.424007 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 7.62082    | 10.0      | 766613.0    | 1.524164 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 14.773293  | 10.0      | 775184.0    | 1.477329 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 36.506735  | 10.0      | 787338.0    | 1.460269 | Y    |



# Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

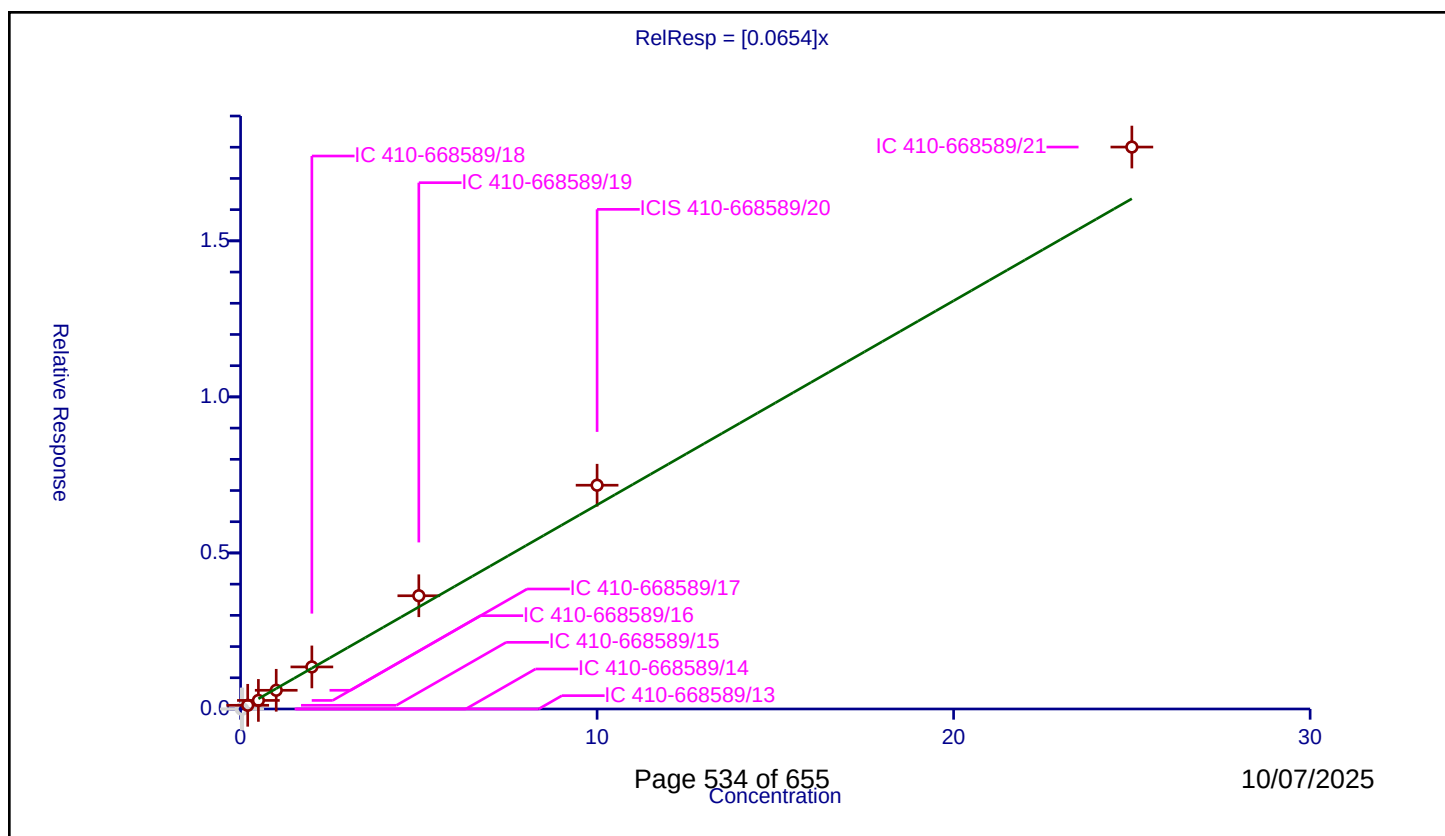
## Curve Coefficients

Intercept: 0  
Slope: 0.0654

## Error Coefficients

Relative Standard Deviation: 11.1

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.0        | 10.0      | 735717.0    | 0.0      | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.0        | 10.0      | 739240.0    | 0.0      | N    |
| 3  | IC 410-668589/15   | 0.2           | 0.011838   | 10.0      | 743381.0    | 0.059189 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.027489   | 10.0      | 746831.0    | 0.054979 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.059958   | 10.0      | 755195.0    | 0.059958 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.134759   | 10.0      | 762844.0    | 0.067379 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 0.362856   | 10.0      | 766613.0    | 0.072571 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 0.716978   | 10.0      | 775184.0    | 0.071698 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 1.800535   | 10.0      | 787338.0    | 0.072021 | Y    |



## Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

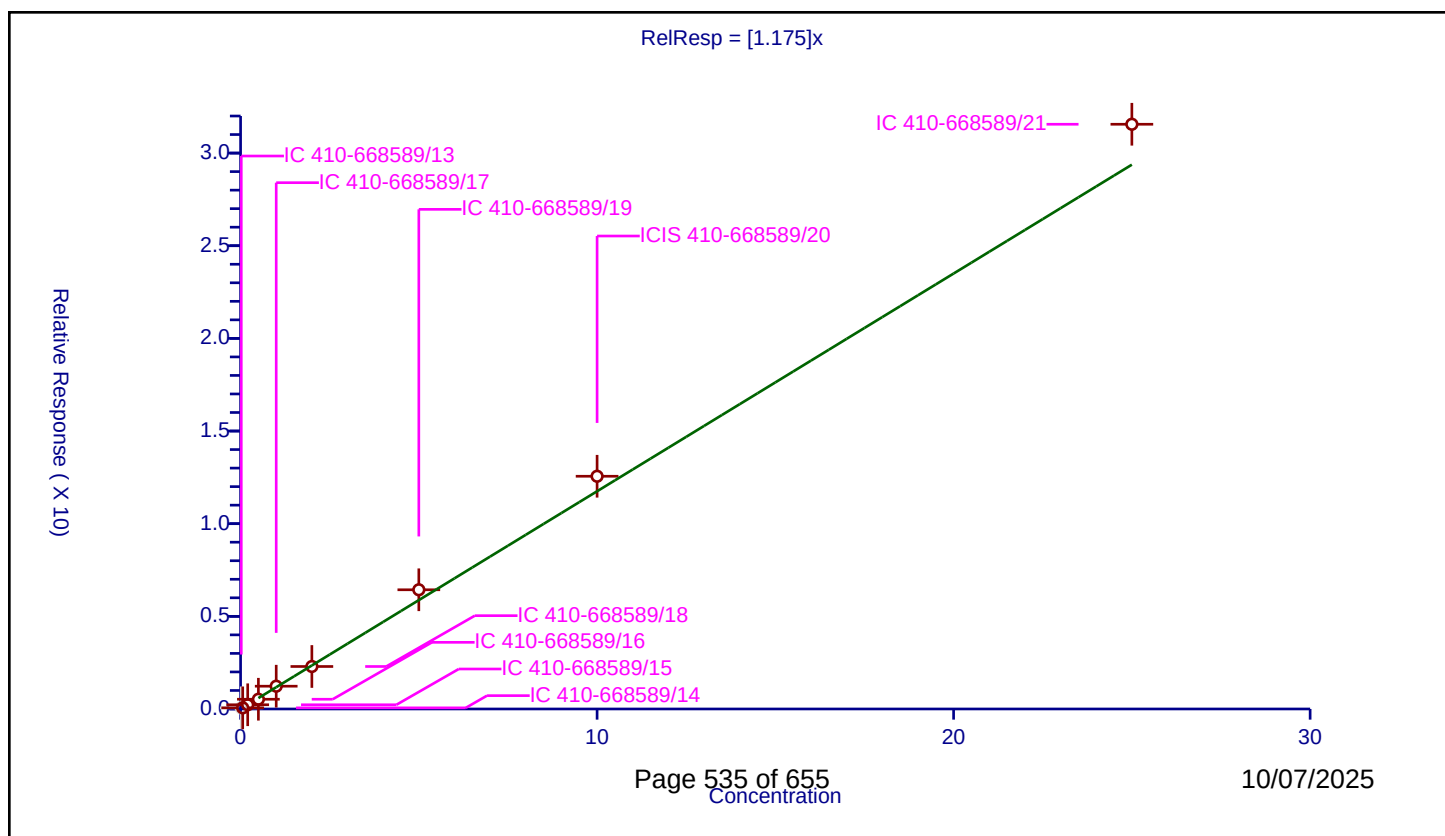
## Curve Coefficients

Intercept: 0  
Slope: 1.175

## Error Coefficients

Relative Standard Deviation: 8.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.061736   | 10.0      | 735717.0    | 3.086785 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.061712   | 10.0      | 739240.0    | 1.028534 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.227636   | 10.0      | 743381.0    | 1.138178 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.525956   | 10.0      | 746831.0    | 1.051911 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.229908   | 10.0      | 755195.0    | 1.229908 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 2.292684   | 10.0      | 762844.0    | 1.146342 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 6.433416   | 10.0      | 766613.0    | 1.286683 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 12.560179  | 10.0      | 775184.0    | 1.256018 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 31.555723  | 10.0      | 787338.0    | 1.262229 | Y    |



## Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

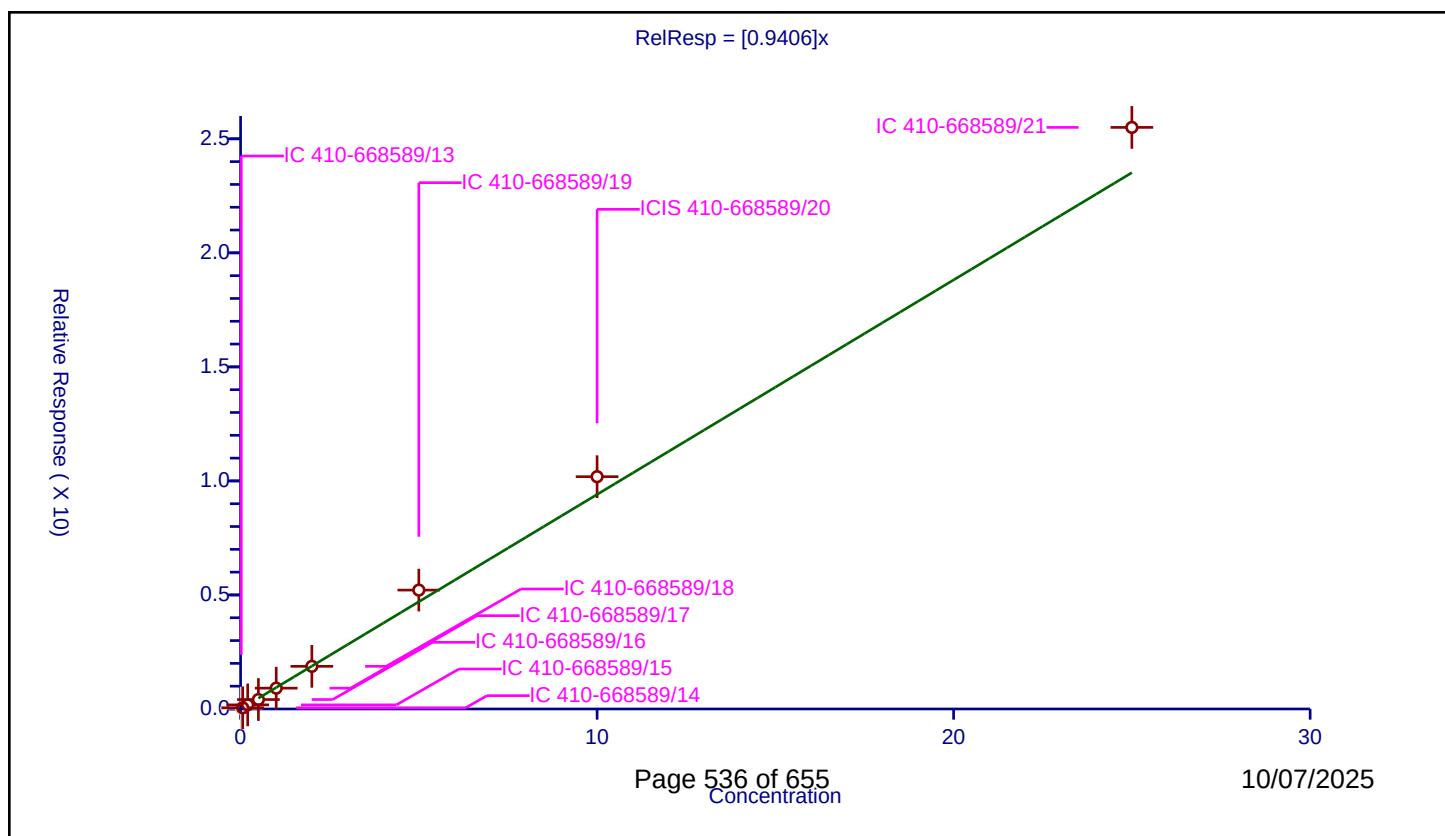
## Curve Coefficients

Intercept: 0  
Slope: 0.9406

## Error Coefficients

Relative Standard Deviation: 8.4

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.038901   | 10.0      | 735717.0    | 1.945041 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.051729   | 10.0      | 739240.0    | 0.862147 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.18058    | 10.0      | 743381.0    | 0.902902 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.414953   | 10.0      | 746831.0    | 0.829907 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.913473   | 10.0      | 755195.0    | 0.913473 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.870317   | 10.0      | 762844.0    | 0.935158 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 5.213621   | 10.0      | 766613.0    | 1.042724 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 10.186162  | 10.0      | 775184.0    | 1.018616 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 25.500357  | 10.0      | 787338.0    | 1.020014 | Y    |



## Calibration

/ Hexachlorobutadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

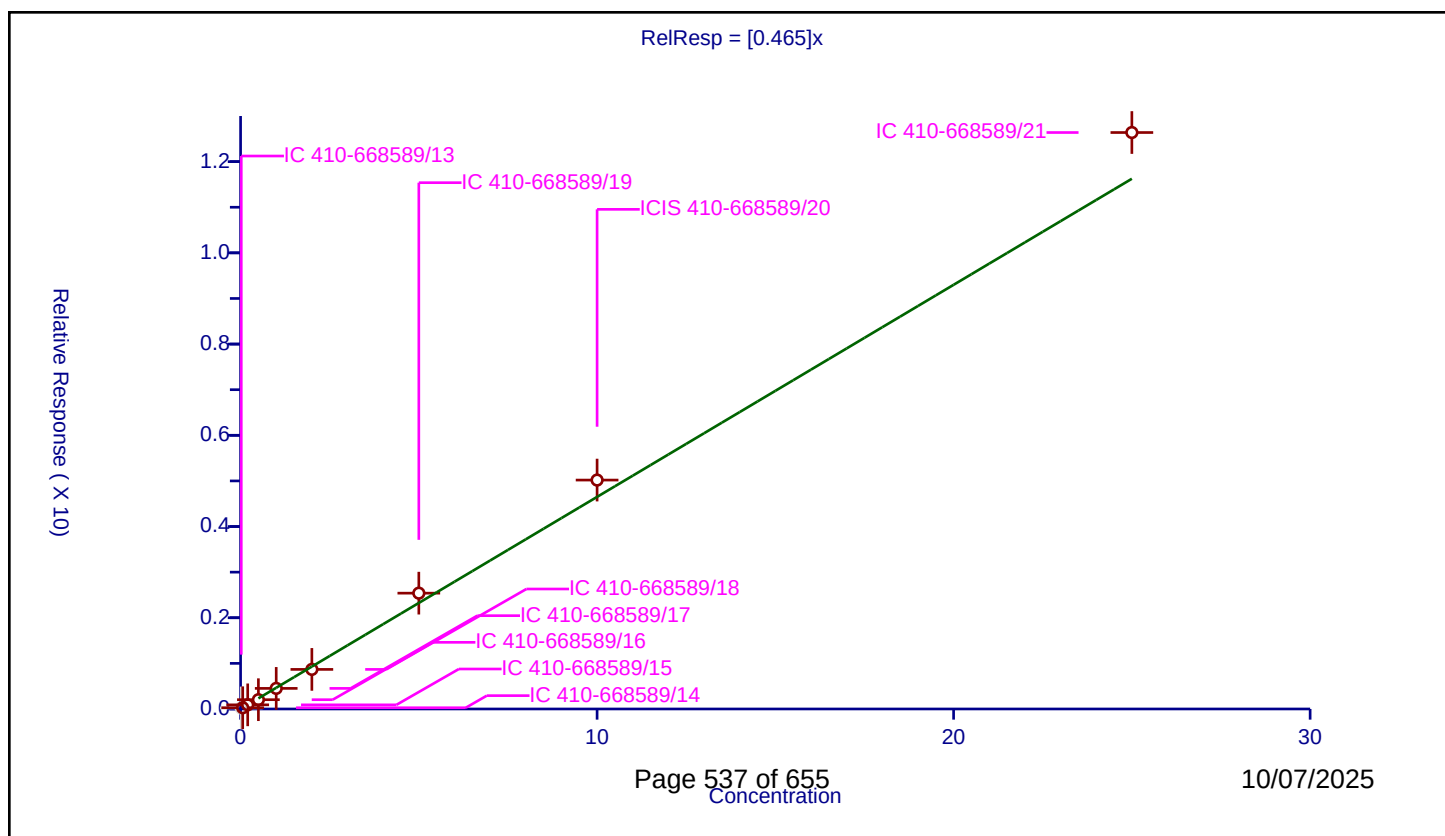
## Curve Coefficients

Intercept: 0  
Slope: 0.465

## Error Coefficients

Relative Standard Deviation: 7.9

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.022454   | 10.0      | 735717.0    | 1.122714 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.027434   | 10.0      | 739240.0    | 0.457226 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.090936   | 10.0      | 743381.0    | 0.454679 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.20362    | 10.0      | 746831.0    | 0.407241 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.451579   | 10.0      | 755195.0    | 0.451579 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 0.867595   | 10.0      | 762844.0    | 0.433798 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 2.539117   | 10.0      | 766613.0    | 0.507823 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 5.018963   | 10.0      | 775184.0    | 0.501896 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 12.638155  | 10.0      | 787338.0    | 0.505526 | Y    |



## Calibration

/ Naphthalene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

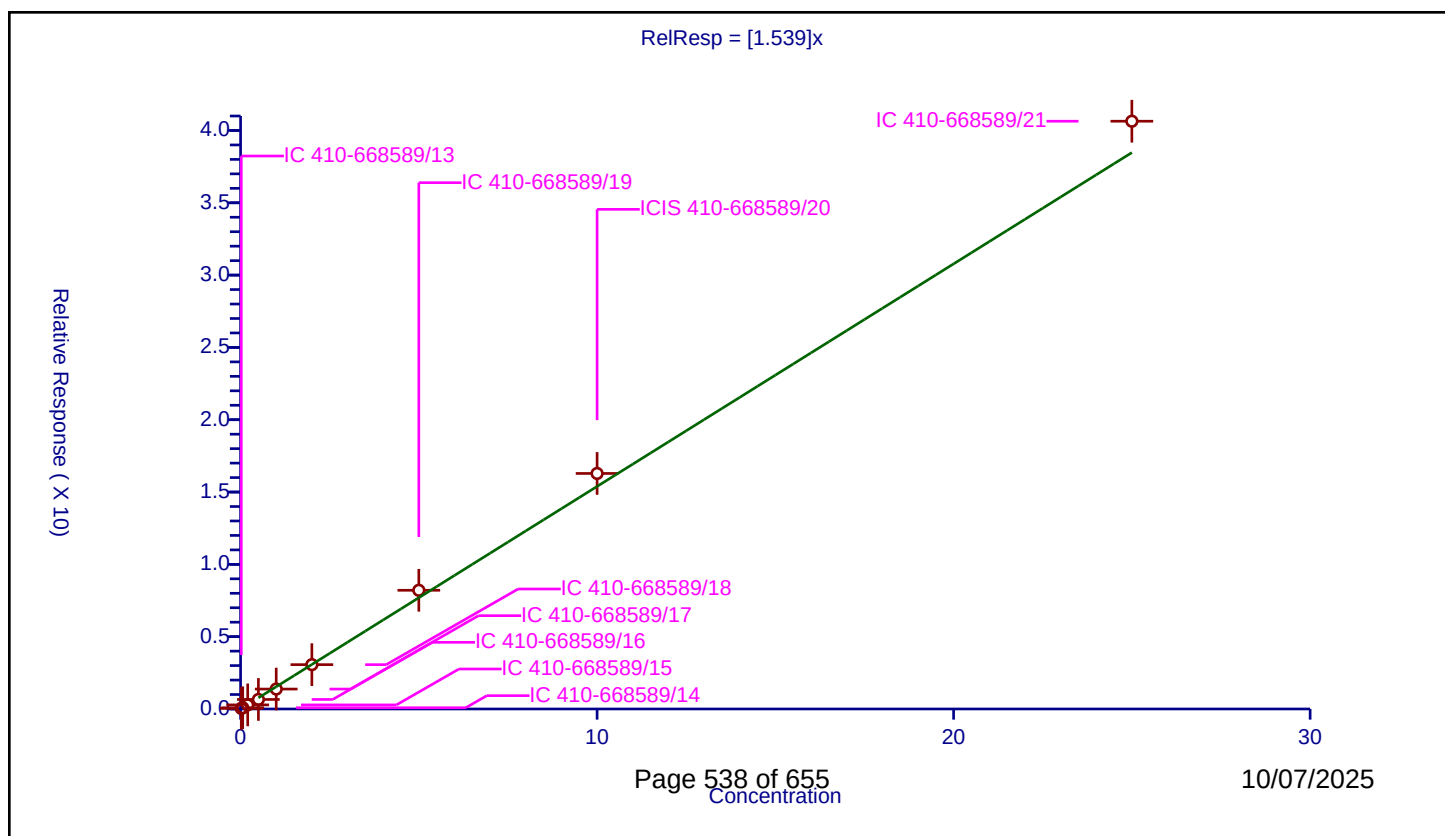
## Curve Coefficients

Intercept: 0  
Slope: 1.539

## Error Coefficients

Relative Standard Deviation: 11.2

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.037419   | 10.0      | 735717.0    | 1.870964 | Y    |
| 2  | IC 410-668589/14   | 0.06          | 0.086156   | 10.0      | 739240.0    | 1.435934 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.283932   | 10.0      | 743381.0    | 1.419662 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.658328   | 10.0      | 746831.0    | 1.316657 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 1.378809   | 10.0      | 755195.0    | 1.378809 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 3.064807   | 10.0      | 762844.0    | 1.532404 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 8.20774    | 10.0      | 766613.0    | 1.641548 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 16.285321  | 10.0      | 775184.0    | 1.628532 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 40.640856  | 10.0      | 787338.0    | 1.625634 | Y    |



## Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

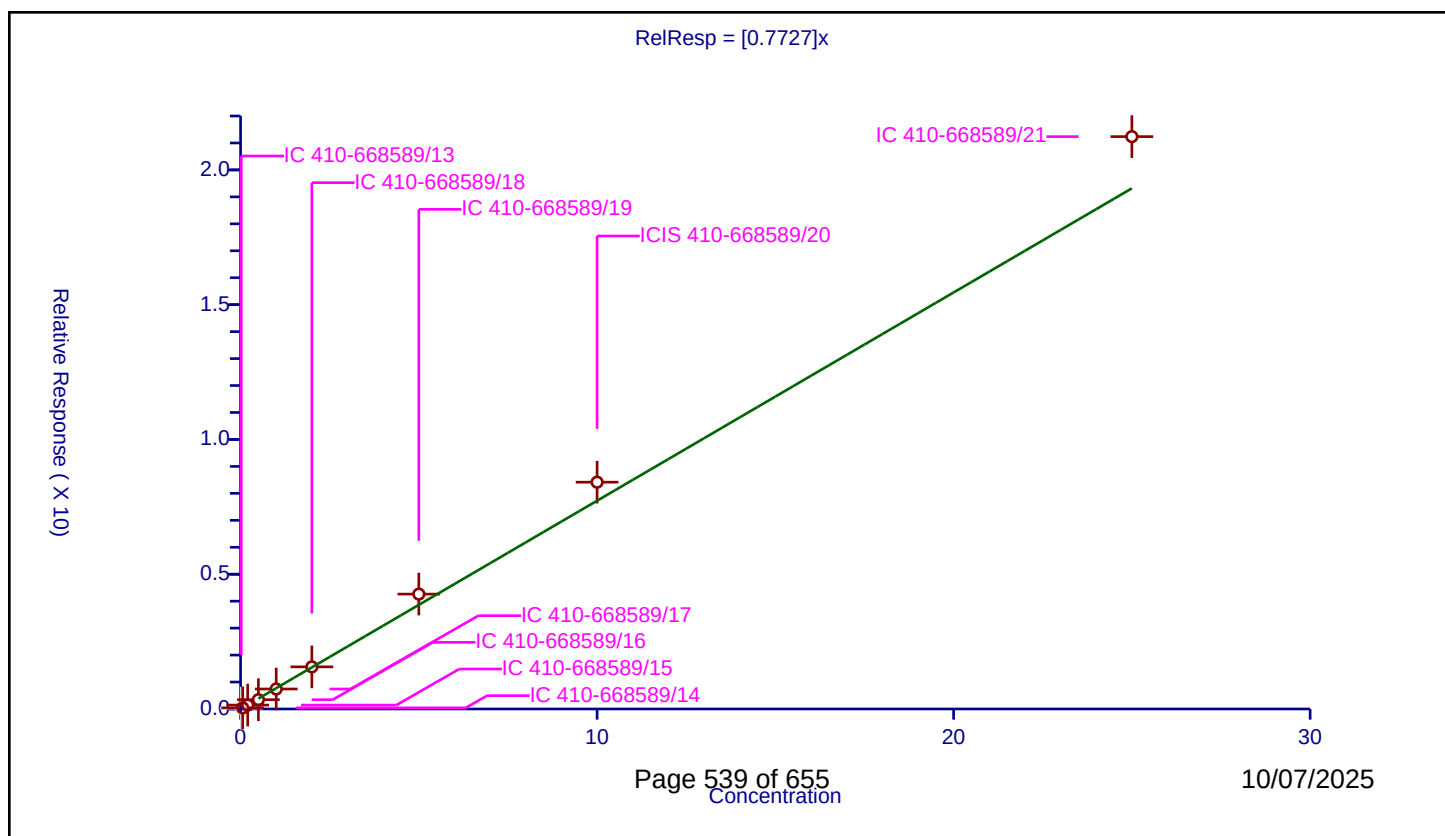
## Curve Coefficients

Intercept: 0  
Slope: 0.7727

## Error Coefficients

Relative Standard Deviation: 8.8

| ID | Level              | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|--------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | IC 410-668589/13   | 0.02          | 0.028258   | 10.0      | 735717.0    | 1.412907 | N    |
| 2  | IC 410-668589/14   | 0.06          | 0.041881   | 10.0      | 739240.0    | 0.698014 | Y    |
| 3  | IC 410-668589/15   | 0.2           | 0.145349   | 10.0      | 743381.0    | 0.726747 | Y    |
| 4  | IC 410-668589/16   | 0.5           | 0.344951   | 10.0      | 746831.0    | 0.689902 | Y    |
| 5  | IC 410-668589/17   | 1.0           | 0.741928   | 10.0      | 755195.0    | 0.741928 | Y    |
| 6  | IC 410-668589/18   | 2.0           | 1.562469   | 10.0      | 762844.0    | 0.781234 | Y    |
| 7  | IC 410-668589/19   | 5.0           | 4.262359   | 10.0      | 766613.0    | 0.852472 | Y    |
| 8  | ICIS 410-668589/20 | 10.0          | 8.415228   | 10.0      | 775184.0    | 0.841523 | Y    |
| 9  | IC 410-668589/21   | 25.0          | 21.235111  | 10.0      | 787338.0    | 0.849404 | Y    |



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Lab Sample ID: ICV 410-668589/23

Calibration Date: 07/09/2025 07:43

Instrument ID: 19094

Calib Start Date: 07/09/2025 04:17

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

Calib End Date: 07/09/2025 07:02

Lab File ID: HL08X22.D

Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                  | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|--------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Dichlorodifluoromethane  | Ave           | 0.3244  | 0.4037 | 0.1000  | 6.22           | 5.00            | 24.4  | 30.0      |
| Chloromethane            | Ave           | 0.4285  | 0.4442 | 0.1000  | 5.18           | 5.00            | 3.7   | 30.0      |
| 1,3-Butadiene            | Ave           | 0.4119  | 0.4403 |         | 5.34           | 5.00            | 6.9   | 30.0      |
| Vinyl chloride           | Ave           | 0.3874  | 0.4213 | 0.1000  | 5.44           | 5.00            | 8.7   | 30.0      |
| Bromomethane             | Ave           | 0.2752  | 0.2843 | 0.1000  | 5.17           | 5.00            | 3.3   | 30.0      |
| Chloroethane             | Ave           | 0.2433  | 0.2549 | 0.1000  | 5.24           | 5.00            | 4.8   | 30.0      |
| Dichlorofluoromethane    | Ave           | 0.6509  | 0.6538 |         | 5.02           | 5.00            | 0.4   | 30.0      |
| Trichlorofluoromethane   | Ave           | 0.5026  | 0.5253 | 0.1000  | 5.23           | 5.00            | 4.5   | 30.0      |
| Ethyl ether              | Ave           | 0.1705  | 0.1939 |         | 5.64           | 4.96            | 13.7  | 30.0      |
| Freon 123a               | Ave           | 0.3748  | 0.3837 |         | 5.12           | 5.00            | 2.4   | 30.0      |
| Acrolein                 | Ave           | 2.895   | 3.110  |         | 39.3           | 36.6            | 7.4   | 30.0      |
| 1,1-Dichloroethene       | Ave           | 0.2539  | 0.2921 | 0.1000  | 5.75           | 5.00            | 15.0  | 30.0      |
| Acetone                  | Ave           | 3.552   | 3.276  | 0.1000  | 57.6           | 62.5            | -7.8  | 30.0      |
| Freon 113                | Ave           | 0.2492  | 0.2974 | 0.1000  | 5.97           | 5.00            | 19.3  | 30.0      |
| Methyl iodide            | Ave           | 0.4868  | 0.4961 |         | 5.10           | 5.00            | 1.9   | 30.0      |
| Ethyl bromide            | Ave           | 0.2145  | 0.1901 |         | 4.44           | 5.01            | -11.4 | 30.0      |
| Carbon disulfide         | Ave           | 0.7785  | 0.8089 | 0.1000  | 5.20           | 5.00            | 3.9   | 30.0      |
| Methyl acetate           | Ave           | 8.490   | 9.836  | 0.1000  | 5.79           | 5.00            | 15.9  | 30.0      |
| Allyl chloride           | Ave           | 0.5013  | 0.5054 |         | 5.04           | 5.00            | 0.8   | 30.0      |
| Methylene Chloride       | Ave           | 0.2663  | 0.2899 | 0.1000  | 5.44           | 5.00            | 8.9   | 30.0      |
| t-Butyl alcohol          | Ave           | 1.088   | 1.125  |         | 51.7           | 50.0            | 3.4   | 30.0      |
| Acrylonitrile            | Lin           |         | 4.778  |         | 26.9           | 25.0            | 7.5   | 30.0      |
| Methyl tert-butyl ether  | Ave           | 0.5836  | 0.5953 | 0.1000  | 5.10           | 5.00            | 2.0   | 30.0      |
| trans-1,2-Dichloroethene | Ave           | 0.2813  | 0.3073 | 0.1000  | 5.46           | 5.00            | 9.2   | 30.0      |
| n-Hexane                 | Ave           | 0.4269  | 0.4690 |         | 5.49           | 5.00            | 9.9   | 30.0      |
| 1,1-Dichloroethane       | Ave           | 0.5435  | 0.6167 | 0.2000  | 5.67           | 5.00            | 13.5  | 30.0      |
| di-Isopropyl ether       | Ave           | 0.9176  | 0.9587 |         | 5.22           | 5.00            | 4.5   | 30.0      |
| 2-Chloro-1,3-butadiene   | Ave           | 0.4702  | 0.5095 |         | 5.42           | 5.00            | 8.4   | 30.0      |
| Ethyl t-butyl ether      | Ave           | 0.7956  | 0.8363 |         | 5.26           | 5.00            | 5.1   | 30.0      |
| 2-Butanone (MEK)         | Ave           | 6.083   | 7.158  | 0.1000  | 73.5           | 62.5            | 17.7  | 30.0      |
| cis-1,2-Dichloroethene   | Ave           | 0.3061  | 0.3374 | 0.1000  | 5.51           | 5.00            | 10.2  | 30.0      |
| 2,2-Dichloropropane      | Ave           | 0.4753  | 0.5029 |         | 5.29           | 5.00            | 5.8   | 30.0      |
| Propionitrile            | Ave           | 1.516   | 1.617  |         | 40.0           | 37.5            | 6.6   | 30.0      |
| Methacrylonitrile        | Ave           | 6.120   | 7.521  |         | 46.1           | 37.5            | 22.9  | 30.0      |
| Bromochloromethane       | Ave           | 0.1158  | 0.1279 |         | 5.52           | 5.00            | 10.4  | 30.0      |
| Tetrahydrofuran          | Ave           | 1.710   | 1.866  |         | 27.3           | 25.0            | 9.1   | 30.0      |
| Chloroform               | Ave           | 0.5049  | 0.5499 | 0.2000  | 5.45           | 5.00            | 8.9   | 30.0      |
| 1,1,1-Trichloroethane    | Ave           | 0.4721  | 0.5155 | 0.1000  | 5.46           | 5.00            | 9.2   | 30.0      |
| Cyclohexane              | Ave           | 0.5801  | 0.6093 | 0.1000  | 5.25           | 5.00            | 5.0   | 30.0      |
| 1,1-Dichloropropene      | Ave           | 0.4357  | 0.4729 |         | 5.43           | 5.00            | 8.6   | 30.0      |



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 410-668589/23

Calibration Date: 07/09/2025 07:43

Instrument ID: 19094

Calib Start Date: 07/09/2025 04:17

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

Calib End Date: 07/09/2025 07:02

Lab File ID: HL08X22.D

Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                     | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-----------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Carbon tetrachloride        | Ave           | 0.3988  | 0.4502 | 0.1000  | 5.64           | 5.00            | 12.9  | 30.0      |
| Isobutyl alcohol            | Ave           | 0.4249  | 0.3733 |         | 110            | 125             | -12.1 | 30.0      |
| Benzene                     | Ave           | 1.239   | 1.304  | 0.5000  | 5.26           | 5.00            | 5.2   | 30.0      |
| 1,2-Dichloroethane          | Ave           | 0.2783  | 0.2978 | 0.1000  | 5.35           | 5.00            | 7.0   | 30.0      |
| t-Amyl methyl ether         | Ave           | 0.6885  | 0.7068 |         | 5.13           | 5.00            | 2.7   | 30.0      |
| n-Heptane                   | Ave           | 0.4514  | 0.4881 |         | 5.41           | 5.00            | 8.1   | 30.0      |
| n-Butanol                   | Lin           |         | 0.3013 |         | 236            | 250             | -5.5  | 30.0      |
| Trichloroethene             | Ave           | 0.3245  | 0.3437 | 0.2000  | 5.30           | 5.00            | 5.9   | 30.0      |
| Methylcyclohexane           | Ave           | 0.5648  | 0.5977 | 0.1000  | 5.29           | 5.00            | 5.8   | 30.0      |
| 1,2-Dichloropropane         | Ave           | 0.2978  | 0.3318 | 0.1000  | 5.57           | 5.00            | 11.4  | 30.0      |
| 1,4-Dioxane                 | Linl          |         | 0.0618 | 0.0050  | 129            | 125             | 2.9   | 30.0      |
| Methyl methacrylate         | Ave           | 12.48   | 13.53  |         | 5.42           | 5.00            | 8.4   | 30.0      |
| Dibromomethane              | Ave           | 0.1103  | 0.1250 |         | 5.67           | 5.00            | 13.3  | 30.0      |
| Bromodichloromethane        | Ave           | 0.3322  | 0.3597 | 0.2000  | 5.41           | 5.00            | 8.3   | 30.0      |
| 2-Nitropropane              | Ave           | 3.867   | 3.908  |         | 5.05           | 5.00            | 1.0   | 30.0      |
| 1-Bromo-2-chloroethane      | Ave           | 0.2658  | 0.2631 |         | 4.95           | 5.00            | -1.0  | 30.0      |
| cis-1,3-Dichloropropene     | Ave           | 0.4066  | 0.4297 | 0.2000  | 5.28           | 5.00            | 5.7   | 30.0      |
| 4-Methyl-2-pentanone (MIBK) | Ave           | 17.33   | 19.02  | 0.1000  | 68.6           | 62.5            | 9.8   | 30.0      |
| Toluene                     | Ave           | 1.078   | 1.160  | 0.4000  | 5.38           | 5.00            | 7.6   | 30.0      |
| trans-1,3-Dichloropropene   | Ave           | 0.4270  | 0.4757 | 0.1000  | 5.57           | 5.00            | 11.4  | 30.0      |
| Ethyl methacrylate          | Ave           | 0.3018  | 0.3423 |         | 5.67           | 5.00            | 13.4  | 30.0      |
| 1,1,2-Trichloroethane       | Ave           | 0.2394  | 0.2477 | 0.1000  | 5.17           | 5.00            | 3.5   | 30.0      |
| Tetrachloroethene           | Ave           | 0.5092  | 0.5503 | 0.2000  | 5.40           | 5.00            | 8.1   | 30.0      |
| 1,3-Dichloropropane         | Ave           | 0.4165  | 0.4436 |         | 5.33           | 5.00            | 6.5   | 30.0      |
| 2-Hexanone                  | Ave           | 11.07   | 13.28  | 0.1000  | 74.9           | 62.5            | 19.9  | 30.0      |
| Dibromochloromethane        | Ave           | 0.2957  | 0.3156 |         | 5.34           | 5.00            | 6.7   | 30.0      |
| 1,2-Dibromoethane (EDB)     | Ave           | 0.2077  | 0.2328 | 0.1000  | 5.60           | 5.00            | 12.1  | 30.0      |
| 1-Chlorohexane              | Ave           | 0.6787  | 0.6671 |         | 4.91           | 5.00            | -1.7  | 30.0      |
| Chlorobenzene               | Ave           | 1.140   | 1.210  | 0.5000  | 5.30           | 5.00            | 6.1   | 30.0      |
| 1,1,1,2-Tetrachloroethane   | Ave           | 0.3755  | 0.4089 |         | 5.44           | 5.00            | 8.9   | 30.0      |
| Ethylbenzene                | Ave           | 2.128   | 2.276  | 0.1000  | 5.35           | 5.00            | 7.0   | 30.0      |
| m&p-Xylene                  | Ave           | 0.8089  | 0.8761 | 0.1000  | 10.8           | 10.0            | 8.3   | 30.0      |
| o-Xylene                    | Ave           | 0.7665  | 0.8336 | 0.3000  | 5.44           | 5.00            | 8.8   | 30.0      |
| Styrene                     | Ave           | 1.230   | 1.336  | 0.3000  | 5.43           | 5.00            | 8.6   | 30.0      |
| Bromoform                   | Ave           | 0.1528  | 0.1747 | 0.1000  | 5.72           | 5.00            | 14.3  | 30.0      |
| Isopropylbenzene            | Ave           | 1.874   | 2.289  | 0.1000  | 6.11           | 5.00            | 22.2  | 30.0      |
| 1,1,2,2-Tetrachloroethane   | Ave           | 0.4928  | 0.5182 | 0.3000  | 5.26           | 5.00            | 5.1   | 30.0      |
| Bromobenzene                | Ave           | 0.7999  | 0.8697 |         | 5.44           | 5.00            | 8.7   | 30.0      |
| trans-1,4-Dichloro-2-butene | Ave           | 6.404   | 7.277  |         | 28.4           | 25.0            | 13.6  | 30.0      |
| 1,2,3-Trichloropropane      | Ave           | 0.1235  | 0.1396 |         | 5.65           | 5.00            | 13.0  | 30.0      |

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Lab Sample ID: ICV 410-668589/23

Calibration Date: 07/09/2025 07:43

Instrument ID: 19094

Calib Start Date: 07/09/2025 04:17

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

Calib End Date: 07/09/2025 07:02

Lab File ID: HL08X22.D

Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                      | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D   | MAX<br>%D |
|------------------------------|---------------|---------|--------|---------|----------------|-----------------|------|-----------|
| N-Propylbenzene              | Ave           | 4.450   | 4.848  |         | 5.45           | 5.00            | 9.0  | 30.0      |
| 2-Chlorotoluene              | Ave           | 0.8495  | 0.9206 |         | 5.42           | 5.00            | 8.4  | 30.0      |
| 1,3,5-Trimethylbenzene       | Ave           | 3.114   | 3.412  |         | 5.48           | 5.00            | 9.6  | 30.0      |
| 4-Chlorotoluene              | Ave           | 0.8557  | 0.9363 |         | 5.47           | 5.00            | 9.4  | 30.0      |
| tert-Butylbenzene            | Ave           | 0.6874  | 0.7418 |         | 5.40           | 5.00            | 7.9  | 30.0      |
| Pentachloroethane            | Ave           | 0.4530  | 0.5273 |         | 5.82           | 5.00            | 16.4 | 30.0      |
| 1,2,4-Trimethylbenzene       | Ave           | 3.161   | 3.409  |         | 5.39           | 5.00            | 7.9  | 30.0      |
| sec-Butylbenzene             | Ave           | 4.013   | 4.377  |         | 5.45           | 5.00            | 9.1  | 30.0      |
| 1,3-Dichlorobenzene          | Ave           | 1.600   | 1.751  | 0.6000  | 5.47           | 5.00            | 9.4  | 30.0      |
| p-Isopropyltoluene           | Ave           | 3.439   | 3.692  |         | 5.37           | 5.00            | 7.4  | 30.0      |
| 1,4-Dichlorobenzene          | Ave           | 1.648   | 1.755  | 0.5000  | 5.32           | 5.00            | 6.5  | 30.0      |
| 1,2,3-Trimethylbenzene       | Ave           | 1.333   | 1.450  |         | 5.44           | 5.00            | 8.8  | 30.0      |
| Benzyl chloride              | Ave           | 0.1943  | 0.2141 |         | 5.51           | 5.00            | 10.2 | 30.0      |
| n-Butylbenzene               | Ave           | 1.621   | 1.826  |         | 5.63           | 5.00            | 12.7 | 30.0      |
| 1,2-Dichlorobenzene          | Ave           | 1.396   | 1.531  | 0.4000  | 5.48           | 5.00            | 9.7  | 30.0      |
| 1,2-Dibromo-3-Chloropropane  | Ave           | 0.0654  | 0.0723 | 0.0500  | 5.53           | 5.00            | 10.6 | 30.0      |
| 1,3,5-Trichlorobenzene       | Ave           | 1.175   | 1.297  |         | 5.52           | 5.00            | 10.4 | 30.0      |
| 1,2,4-Trichlorobenzene       | Ave           | 0.9406  | 1.052  | 0.2000  | 5.59           | 5.00            | 11.8 | 30.0      |
| Hexachlorobutadiene          | Ave           | 0.4650  | 0.5424 |         | 5.83           | 5.00            | 16.7 | 30.0      |
| Naphthalene                  | Ave           | 1.539   | 1.666  |         | 5.41           | 5.00            | 8.3  | 30.0      |
| 1,2,3-Trichlorobenzene       | Ave           | 0.7727  | 0.8515 |         | 5.51           | 5.00            | 10.2 | 30.0      |
| Pentane                      | None          |         |        |         |                | 5.00            |      | 30.0      |
| Dibromofluoromethane (Surr)  | Ave           | 0.2321  | 0.2348 |         | 10.1           | 10.0            | 1.2  | 30.0      |
| 1,2-Dichloroethane-d4 (Surr) | Ave           | 0.0421  | 0.0422 |         | 10.0           | 10.0            | 0.2  | 30.0      |
| Toluene-d8 (Surr)            | Ave           | 1.391   | 1.389  |         | 9.99           | 10.0            | -0.1 | 30.0      |
| 4-Bromofluorobenzene (Surr)  | Ave           | 0.5024  | 0.4991 |         | 9.93           | 10.0            | -0.7 | 30.0      |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D  
 Lims ID: ICV  
 Client ID:  
 Sample Type: ICV  
 Inject. Date: 09-Jul-2025 07:43:30 ALS Bottle#: 22 Worklist Smp#: 23  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0152824-023  
 Misc. Info.: ICV  
 Operator ID: gaw91131 Instrument ID: 19094  
 Sublist:  
 Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 16-Jul-2025 14:53:25 Calib Date: 09-Jul-2025 07:02:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: JS6E

Date: 11-Jul-2025 02:11:50

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.825     | 1.831         | -0.006        | 99  | 378630   | 5.00         | 6.22           |       |
| 5 Chloromethane                     | 50  | 2.014     | 2.013         | 0.001         | 99  | 416548   | 5.00         | 5.18           |       |
| 7 Butadiene                         | 39  | 2.105     | 2.105         | 0.000         | 92  | 412885   | 5.00         | 5.34           |       |
| 6 Vinyl chloride                    | 62  | 2.123     | 2.123         | 0.000         | 98  | 395091   | 5.00         | 5.44           |       |
| 9 Bromomethane                      | 94  | 2.398     | 2.391         | 0.007         | 91  | 266598   | 5.00         | 5.17           | M     |
| 10 Chloroethane                     | 64  | 2.477     | 2.477         | 0.000         | 100 | 239077   | 5.00         | 5.24           |       |
| 11 Dichlorofluoromethane            | 67  | 2.690     | 2.690         | 0.000         | 97  | 613132   | 5.00         | 5.02           |       |
| 12 Trichlorofluoromethane           | 101 | 2.788     | 2.788         | 0.000         | 53  | 492663   | 5.00         | 5.23           |       |
| 14 Ethyl ether                      | 59  | 2.971     | 2.971         | 0.000         | 92  | 180517   | 4.96         | 5.64           |       |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.050     | 3.050         | 0.000         | 94  | 359881   | 5.00         | 5.12           |       |
| 16 Acrolein                         | 56  | 3.148     | 3.117         | 0.031         | 98  | 161056   | 36.6         | 39.3           |       |
| 17 1,1-Dichloroethene               | 96  | 3.251     | 3.251         | 0.000         | 96  | 273925   | 5.00         | 5.75           |       |
| 19 Acetone                          | 43  | 3.282     | 3.275         | 0.007         | 60  | 289744   | 62.5         | 57.6           |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.294     | 3.294         | 0.000         | 93  | 278862   | 5.00         | 5.97           |       |
| 21 Iodomethane                      | 142 | 3.434     | 3.434         | 0.000         | 99  | 465271   | 5.00         | 5.10           |       |
| 22 Ethyl bromide                    | 108 | 3.458     | 3.458         | 0.000         | 98  | 178581   | 5.01         | 4.44           |       |
| 23 Carbon disulfide                 | 76  | 3.538     | 3.531         | 0.007         | 99  | 758627   | 5.00         | 5.20           |       |
| 24 Methyl acetate                   | 43  | 3.672     | 3.660         | 0.012         | 92  | 69607    | 5.00         | 5.79           | M     |
| 26 3-Chloro-1-propene               | 41  | 3.684     | 3.684         | 0.000         | 92  | 473982   | 5.00         | 5.04           |       |
| 27 Methylene Chloride               | 84  | 3.855     | 3.855         | 0.000         | 94  | 271894   | 5.00         | 5.44           |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.843     | 3.891         | -0.048        | 85  | 70766    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.971     | 3.995         | -0.024        | 91  | 79612    | 50.0         | 51.7           |       |
| 31 Acrylonitrile                    | 53  | 4.196     | 4.184         | 0.012         | 95  | 169054   | 25.0         | 26.9           | M     |
| 32 Methyl tert-butyl ether          | 73  | 4.227     | 4.214         | 0.013         | 96  | 558248   | 5.00         | 5.10           |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.239     | 4.239         | 0.000         | 97  | 288166   | 5.00         | 5.46           |       |
| 34 Hexane                           | 57  | 4.659     | 4.659         | 0.000         | 93  | 439847   | 5.00         | 5.49           |       |
| 36 1,1-Dichloroethane               | 63  | 4.885     | 4.891         | -0.006        | 96  | 578306   | 5.00         | 5.67           |       |
| 37 Isopropyl ether                  | 45  | 4.952     | 4.952         | 0.000         | 95  | 899091   | 5.00         | 5.22           |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 5.001     | 5.001         | 0.000         | 92  | 477849   | 5.00         | 5.42           |       |
| 40 Tert-butyl ethyl ether           | 59  | 5.489     | 5.495         | -0.005        | 98  | 784256   | 5.00         | 5.26           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.696     | 5.690         | 0.006         | 100 | 633164   | 62.5         | 73.5           |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.739     | 5.732         | 0.006         | 84  | 316444   | 5.00         | 5.51           |       |
| 43 2,2-Dichloropropane             | 77  | 5.751     | 5.744         | 0.007         | 87  | 471583   | 5.00         | 5.29           |       |
| 44 Propionitrile                   | 54  | 5.799     | 5.775         | 0.024         | 95  | 85800    | 37.5         | 40.0           | M     |
| 47 Methacrylonitrile               | 67  | 5.995     | 5.988         | 0.007         | 93  | 399197   | 37.5         | 46.1           |       |
| 48 Chlorobromomethane              | 128 | 6.074     | 6.068         | 0.006         | 97  | 119935   | 5.00         | 5.52           |       |
| 49 Tetrahydrofuran                 | 71  | 6.080     | 6.080         | 0.000         | 79  | 66007    | 25.0         | 27.3           |       |
| 50 Chloroform                      | 83  | 6.220     | 6.226         | -0.006        | 94  | 515722   | 5.00         | 5.45           |       |
| \$ 52 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.446         | 0.000         | 94  | 440462   | 10.0         | 10.1           |       |
| 53 1,1,1-Trichloroethane           | 97  | 6.458     | 6.458         | 0.000         | 99  | 483404   | 5.00         | 5.46           |       |
| 54 Cyclohexane                     | 56  | 6.562     | 6.561         | 0.001         | 91  | 571411   | 5.00         | 5.25           |       |
| 56 Carbon tetrachloride            | 117 | 6.677     | 6.677         | 0.000         | 87  | 422224   | 5.00         | 5.64           |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.677         | 0.000         | 95  | 443516   | 5.00         | 5.43           |       |
| 57 Isobutyl alcohol                | 41  | 6.830     | 6.824         | 0.006         | 96  | 66050    | 125.0        | 109.8          |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 81  | 79133    | 10.0         | 10.0           |       |
| 59 Benzene                         | 78  | 6.933     | 6.939         | -0.006        | 97  | 1222982  | 5.00         | 5.26           |       |
| 60 1,2-Dichloroethane              | 62  | 7.007     | 7.006         | 0.001         | 97  | 279235   | 5.00         | 5.35           |       |
| 63 Tert-amyl methyl ether          | 73  | 7.141     | 7.141         | 0.000         | 98  | 662839   | 5.00         | 5.13           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.354         | -0.006        | 98  | 1875622  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.372         | 0.000         | 93  | 457718   | 5.00         | 5.41           |       |
| 67 n-Butanol                       | 56  | 7.763     | 7.732         | 0.030         | 87  | 106610   | 250.0        | 236.4          |       |
| 68 Trichloroethene                 | 95  | 7.842     | 7.842         | 0.000         | 98  | 322330   | 5.00         | 5.30           |       |
| 69 Methylcyclohexane               | 83  | 8.159     | 8.159         | 0.000         | 93  | 560563   | 5.00         | 5.29           |       |
| 70 1,2-Dichloropropane             | 63  | 8.171     | 8.177         | -0.006        | 97  | 311163   | 5.00         | 5.57           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 92  | 435645   | 5.00         | 5.15           |       |
| 72 Methyl methacrylate             | 69  | 8.281     | 8.268         | 0.013         | 90  | 95746    | 5.00         | 5.42           |       |
| 73 1,4-Dioxane                     | 88  | 8.281     | 8.287         | -0.006        | 29  | 10937    | 125.0        | 128.7          |       |
| 74 Dibromomethane                  | 93  | 8.287     | 8.287         | 0.000         | 96  | 117272   | 5.00         | 5.67           |       |
| 76 Dichlorobromomethane            | 83  | 8.531     | 8.531         | 0.001         | 99  | 337349   | 5.00         | 5.41           |       |
| 77 2-Nitropropane                  | 41  | 8.805     | 8.793         | 0.012         | 98  | 27652    | 5.00         | 5.05           | M     |
| 79 1-Bromo-2-chloroethane          | 63  | 8.933     | 8.927         | 0.006         | 98  | 246744   | 5.00         | 4.95           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.098     | 9.097         | 0.001         | 95  | 402995   | 5.00         | 5.28           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 9.280     | 9.280         | 0.000         | 97  | 1682507  | 62.5         | 68.6           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 94  | 1879768  | 10.0         | 9.99           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98  | 785021   | 5.00         | 5.38           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.786     | 9.786         | 0.000         | 94  | 321836   | 5.00         | 5.57           |       |
| 104 Ethyl methacrylate             | 69  | 9.860     | 9.860         | 0.000         | 90  | 231598   | 5.00         | 5.67           |       |
| 106 1,1,2-Trichloroethane          | 97  | 10.000    | 10.000        | 0.000         | 91  | 167590   | 5.00         | 5.17           |       |
| 107 Tetrachloroethene              | 166 | 10.091    | 10.091        | 0.000         | 98  | 372340   | 5.00         | 5.40           |       |
| 108 1,3-Dichloropropane            | 76  | 10.164    | 10.164        | 0.000         | 91  | 300150   | 5.00         | 5.33           |       |
| 109 2-Hexanone                     | 43  | 10.225    | 10.219        | 0.006         | 98  | 1174400  | 62.5         | 74.9           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 90  | 213522   | 5.00         | 5.34           |       |
| 112 Ethylene Dibromide             | 107 | 10.500    | 10.500        | 0.000         | 99  | 157482   | 5.00         | 5.60           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.951        | -0.006        | 87  | 1353183  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 451328   | 5.00         | 4.91           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 94  | 818409   | 5.00         | 5.30           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.060        | 0.001         | 96  | 276628   | 5.00         | 5.44           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 98  | 1539802  | 5.00         | 5.35           |       |
| 119 m-Xylene & p-Xylene            | 106 | 11.189    | 11.189        | 0.000         | 100 | 1185499  | 10.0         | 10.8           |       |
| 120 o-Xylene                       | 106 | 11.524    | 11.518        | 0.006         | 96  | 564023   | 5.00         | 5.44           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 94  | 904172   | 5.00         | 5.43           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 97  | 118206   | 5.00         | 5.72           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 123 Isopropylbenzene               | 105 | 11.829    | 11.829        | 0.000         | 96 | 1548832  | 5.00         | 6.11           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.975        | 0.000         | 91 | 675362   | 10.0         | 9.93           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.079    | 12.079        | 0.000         | 93 | 193007   | 5.00         | 5.26           |       |
| 128 Bromobenzene                   | 156 | 12.091    | 12.091        | 0.000         | 97 | 323944   | 5.00         | 5.44           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.103        | 0.000         | 93 | 257496   | 25.0         | 28.4           |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.121    | 12.121        | 0.000         | 84 | 51992    | 5.00         | 5.65           |       |
| 131 N-Propylbenzene                | 91  | 12.164    | 12.164        | 0.000         | 99 | 1805799  | 5.00         | 5.45           |       |
| 132 2-Chlorotoluene                | 126 | 12.237    | 12.237        | 0.000         | 96 | 342894   | 5.00         | 5.42           |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.304    | 12.304        | 0.000         | 94 | 1271038  | 5.00         | 5.48           |       |
| 134 4-Chlorotoluene                | 126 | 12.329    | 12.329        | 0.000         | 98 | 348774   | 5.00         | 5.47           |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 93 | 276320   | 5.00         | 5.40           |       |
| 136 Pentachloroethane              | 167 | 12.573    | 12.572        | 0.001         | 91 | 196427   | 5.00         | 5.82           |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.585    | 12.585        | 0.000         | 97 | 1269980  | 5.00         | 5.39           |       |
| 138 sec-Butylbenzene               | 105 | 12.707    | 12.707        | 0.000         | 94 | 1630251  | 5.00         | 5.45           |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.810    | 12.804        | 0.006         | 98 | 652087   | 5.00         | 5.47           |       |
| 140 4-Isopropyltoluene             | 119 | 12.822    | 12.822        | 0.000         | 97 | 1375040  | 5.00         | 5.37           |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.865    | 12.865        | 0.000         | 94 | 744969   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.883    | 12.883        | 0.000         | 94 | 653555   | 5.00         | 5.32           |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.890    | 12.889        | 0.001         | 99 | 540250   | 5.00         | 5.44           |       |
| 144 Benzyl chloride                | 126 | 12.957    | 12.956        | 0.001         | 99 | 79761    | 5.00         | 5.51           |       |
| 145 p-Diethylbenzene               | 119 | 13.097    | 13.097        | 0.000         | 95 | 828773   | 5.00         | 5.52           |       |
| 146 n-Butylbenzene                 | 92  | 13.115    | 13.115        | 0.000         | 98 | 680122   | 5.00         | 5.63           |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.140    | 13.139        | 0.001         | 98 | 570291   | 5.00         | 5.48           |       |
| 149 1,2-Dibromo-3-Chloropropane    | 155 | 13.688    | 13.688        | 0.000         | 86 | 26949    | 5.00         | 5.53           |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.816    | 13.816        | 0.000         | 98 | 483185   | 5.00         | 5.52           |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.237    | 14.237        | 0.000         | 94 | 391824   | 5.00         | 5.59           |       |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.322        | 0.000         | 95 | 202047   | 5.00         | 5.83           |       |
| 153 Naphthalene                    | 128 | 14.414    | 14.414        | 0.000         | 97 | 620527   | 5.00         | 5.41           |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.560    | 14.560        | 0.000         | 96 | 317159   | 5.00         | 5.51           |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

### Reagents:

|                     |                     |           |             |
|---------------------|---------------------|-----------|-------------|
| MSV_LCS_VOC#1_00227 | Amount Added: 12.50 | Units: uL |             |
| MSV_LCS_Penta_00057 | Amount Added: 12.50 | Units: uL |             |
| MSV_QC_Gas826_00268 | Amount Added: 12.50 | Units: uL |             |
| MSV_LCS_EE_00011    | Amount Added: 12.50 | Units: uL |             |
| LCS_ETBR_00010      | Amount Added: 12.50 | Units: uL |             |
| MSV_LCS_ACROL_00235 | Amount Added: 12.50 | Units: uL |             |
| MSV_LLcentISS_00016 | Amount Added: 5.00  | Units: uL | Run Reagent |

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D

Injection Date: 09-Jul-2025 07:43:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: ICV

Worklist Smp#: 23

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

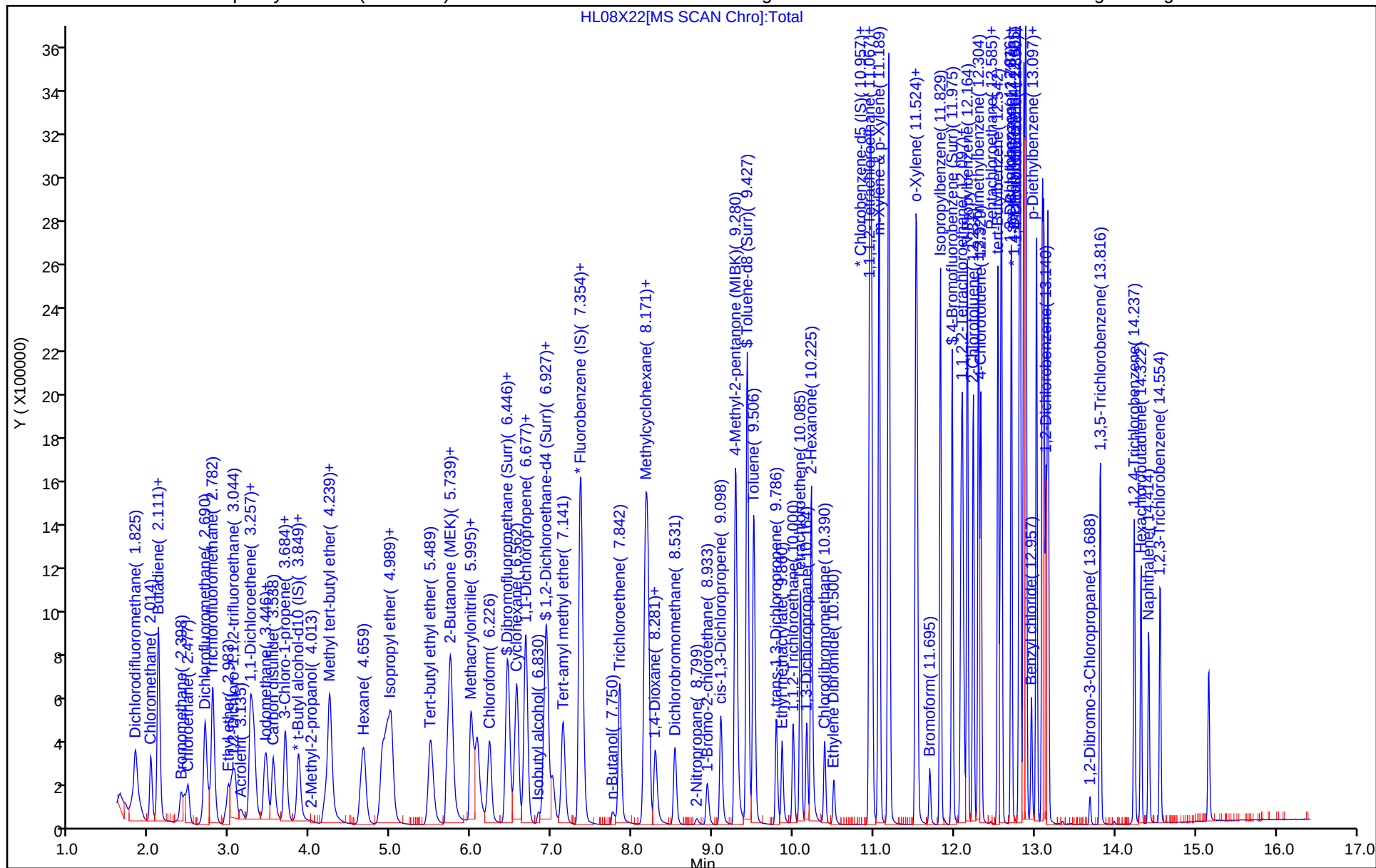
ALS Bottle#: 22

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

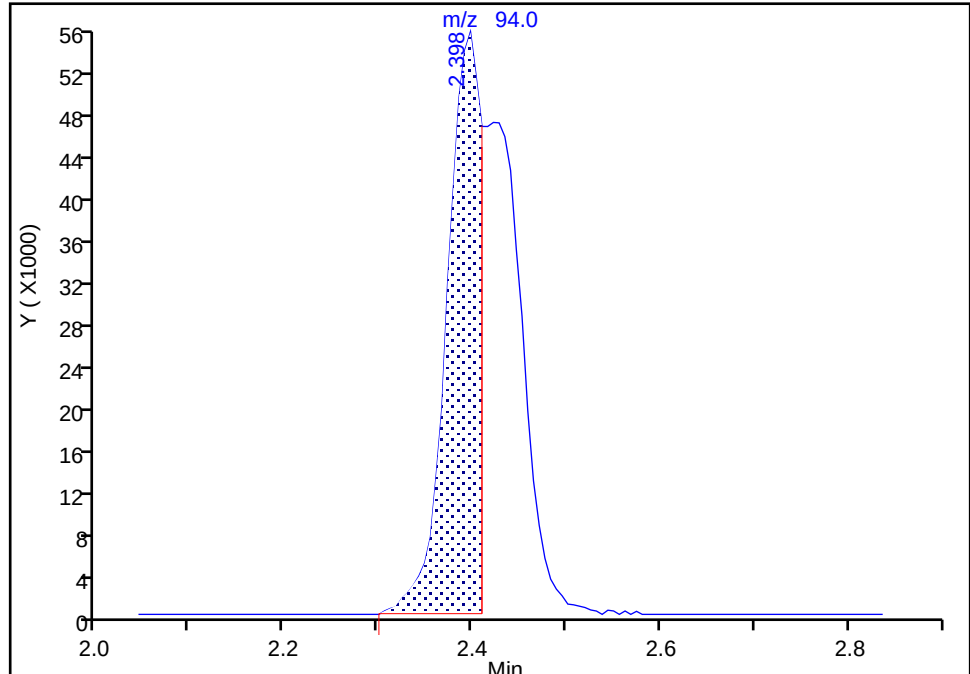
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D  
Injection Date: 09-Jul-2025 07:43:30 Instrument ID: 19094  
Lims ID: ICV  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

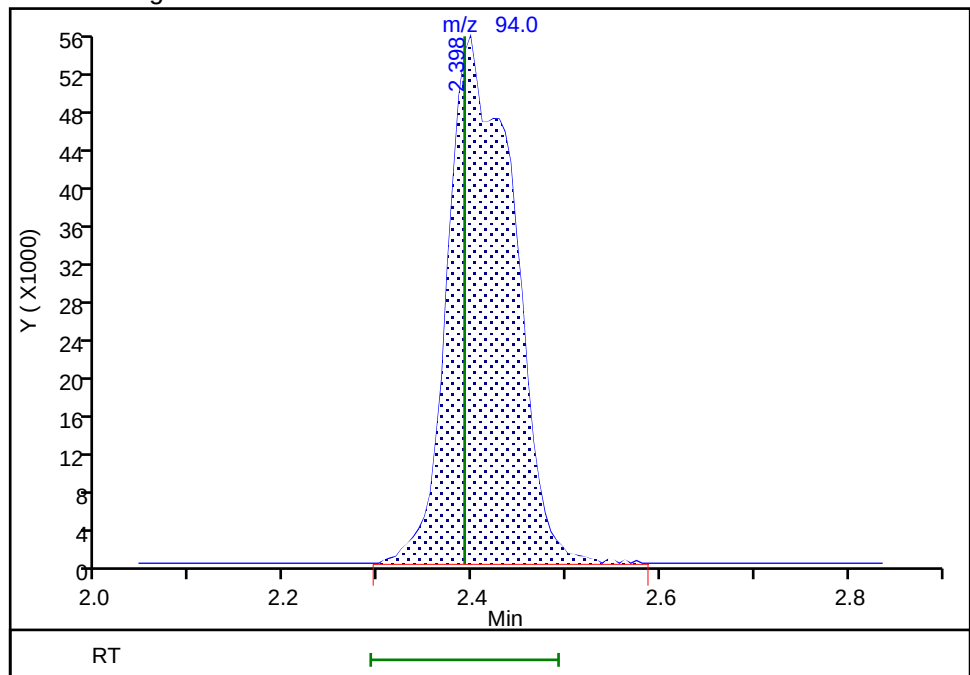
RT: 2.40  
Area: 139644  
Amount: 2.705454  
Amount Units: ug/l

## Processing Integration Results



RT: 2.40  
Area: 266598  
Amount: 5.165053  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 02:10:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

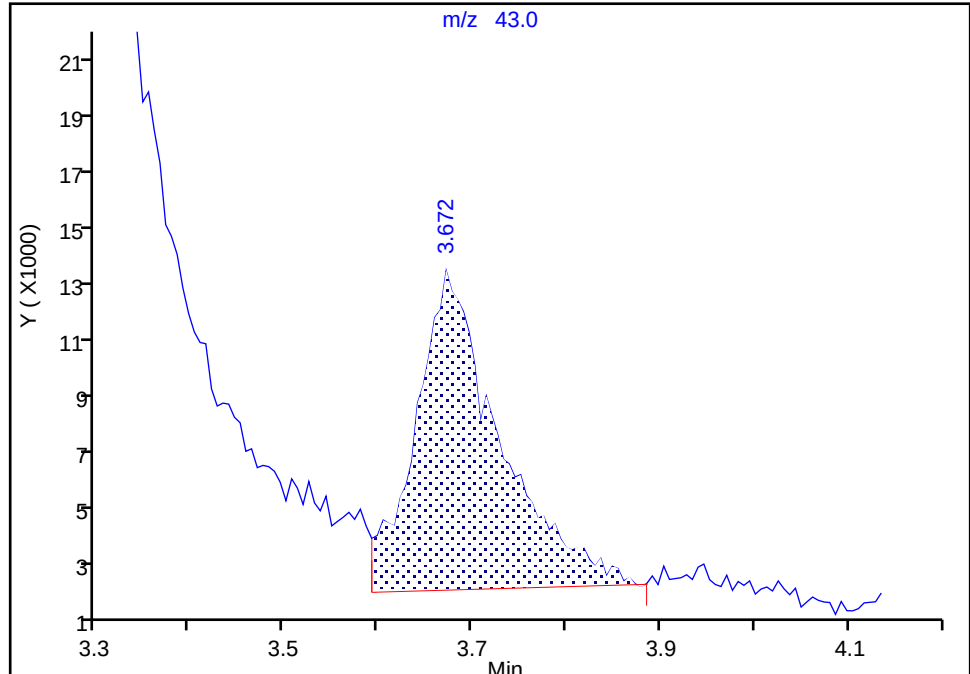
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D  
Injection Date: 09-Jul-2025 07:43:30 Instrument ID: 19094  
Lims ID: ICV  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

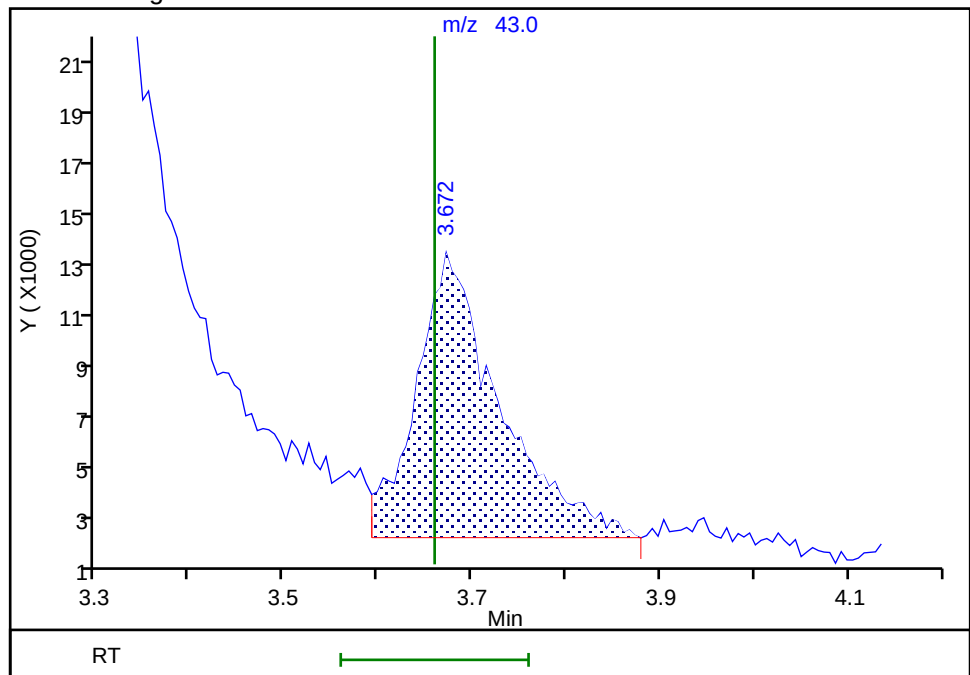
RT: 3.67  
Area: 70244  
Amount: 5.845678  
Amount Units: ug/l

## Processing Integration Results



RT: 3.67  
Area: 69607  
Amount: 5.792667  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 02:10:32 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration



## Eurofins Lancaster Laboratories Environment Testing, LLC

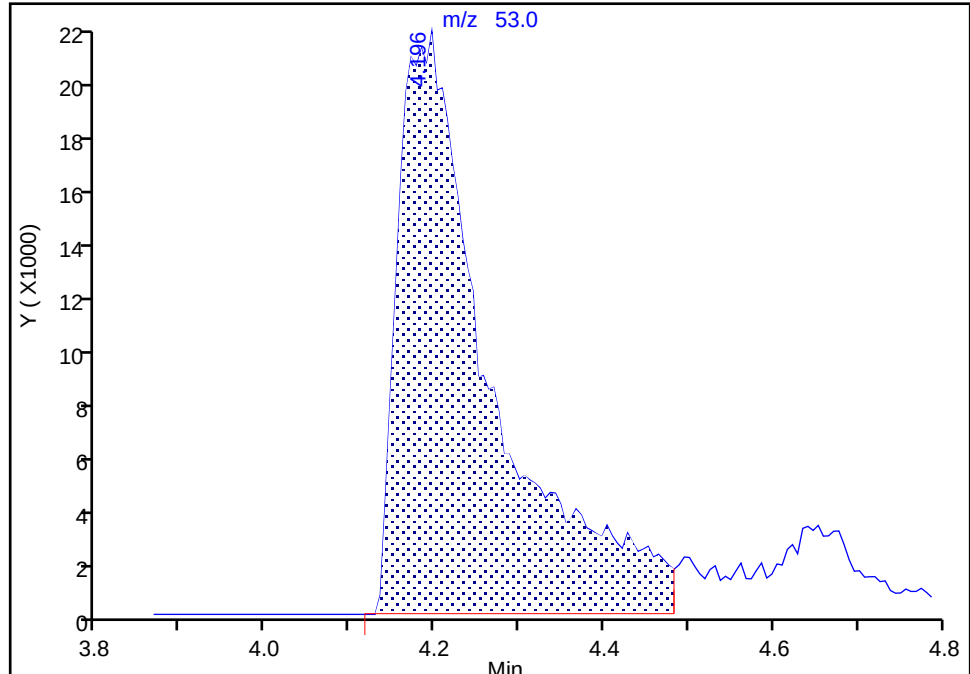
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D  
Injection Date: 09-Jul-2025 07:43:30 Instrument ID: 19094  
Lims ID: ICV  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**31 Acrylonitrile, CAS: 107-13-1**

Signal: 1

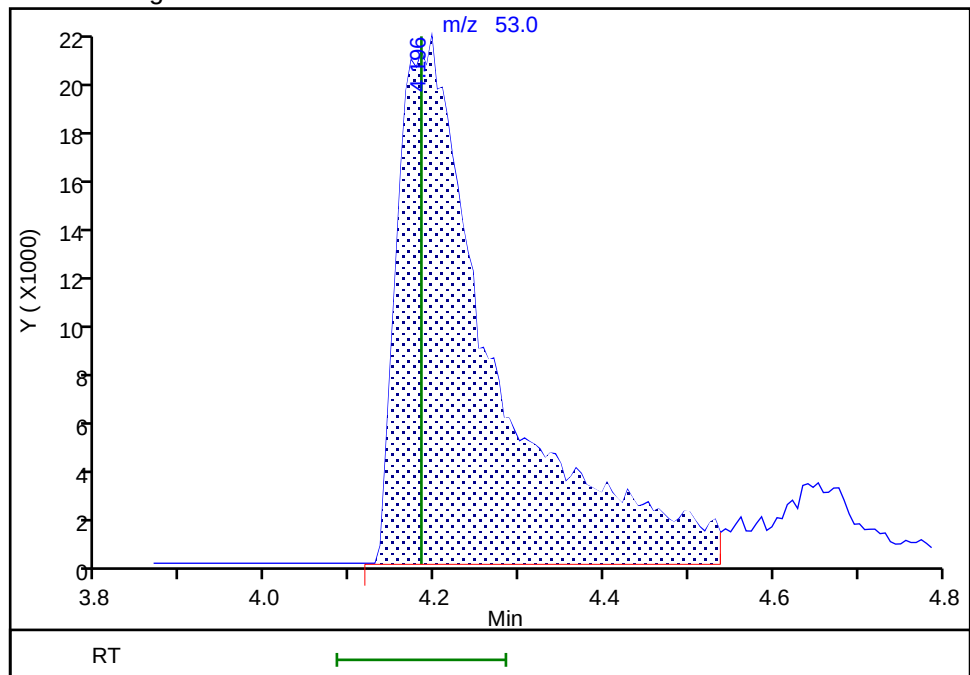
RT: 4.20  
Area: 163521  
Amount: 26.007567  
Amount Units: ug/l

## Processing Integration Results



RT: 4.20  
Area: 169054  
Amount: 26.872052  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 02:10:46 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

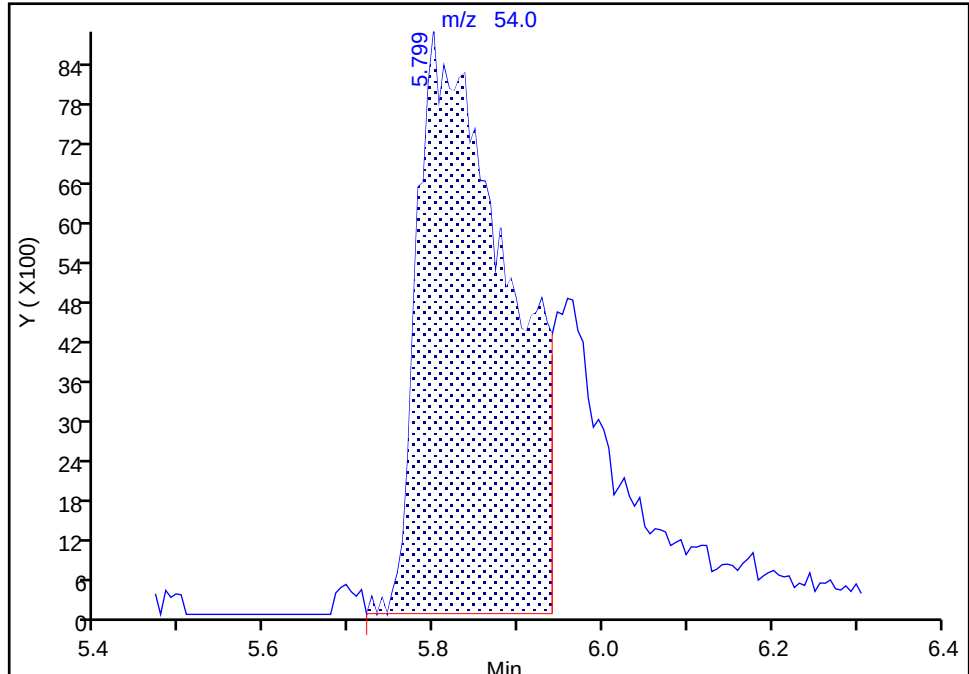
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D  
Injection Date: 09-Jul-2025 07:43:30 Instrument ID: 19094  
Lims ID: ICV  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**44 Propionitrile, CAS: 107-12-0**

Signal: 1

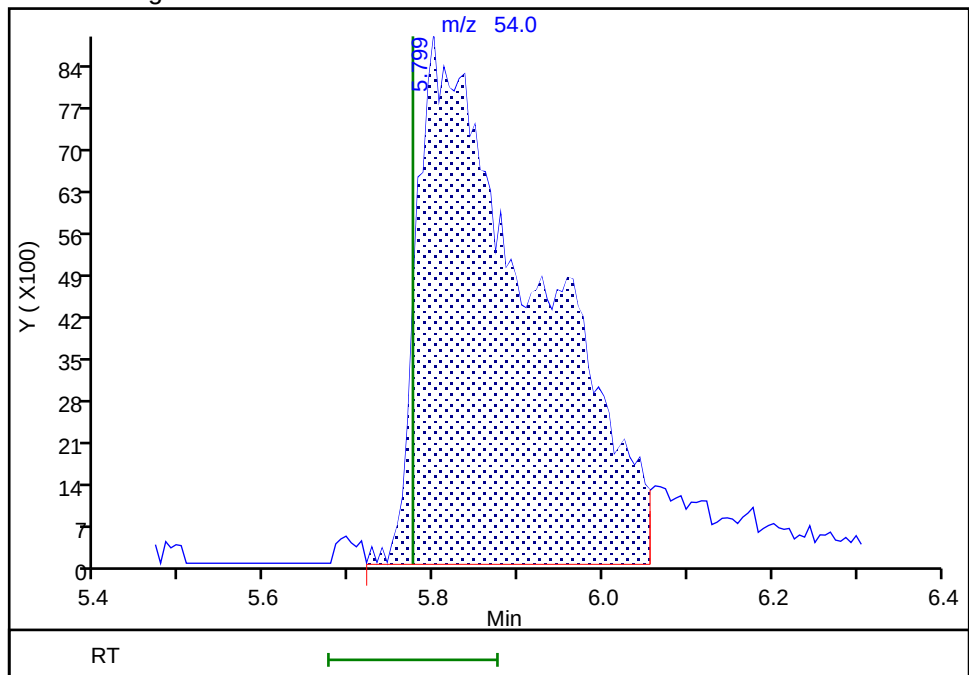
RT: 5.80  
Area: 65567  
Amount: 30.556488  
Amount Units: ug/l

## Processing Integration Results



RT: 5.80  
Area: 85800  
Amount: 39.985765  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 02:11:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

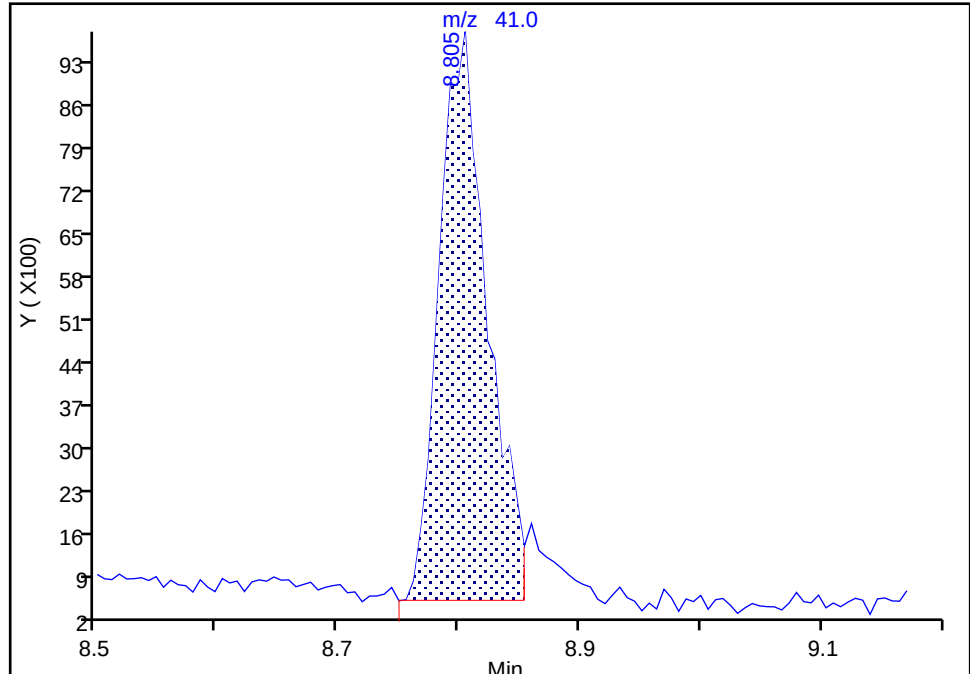
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D  
Injection Date: 09-Jul-2025 07:43:30 Instrument ID: 19094  
Lims ID: ICV  
Client ID:  
Operator ID: gaw91131 ALS Bottle#: 22 Worklist Smp#: 23  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

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

Signal: 1

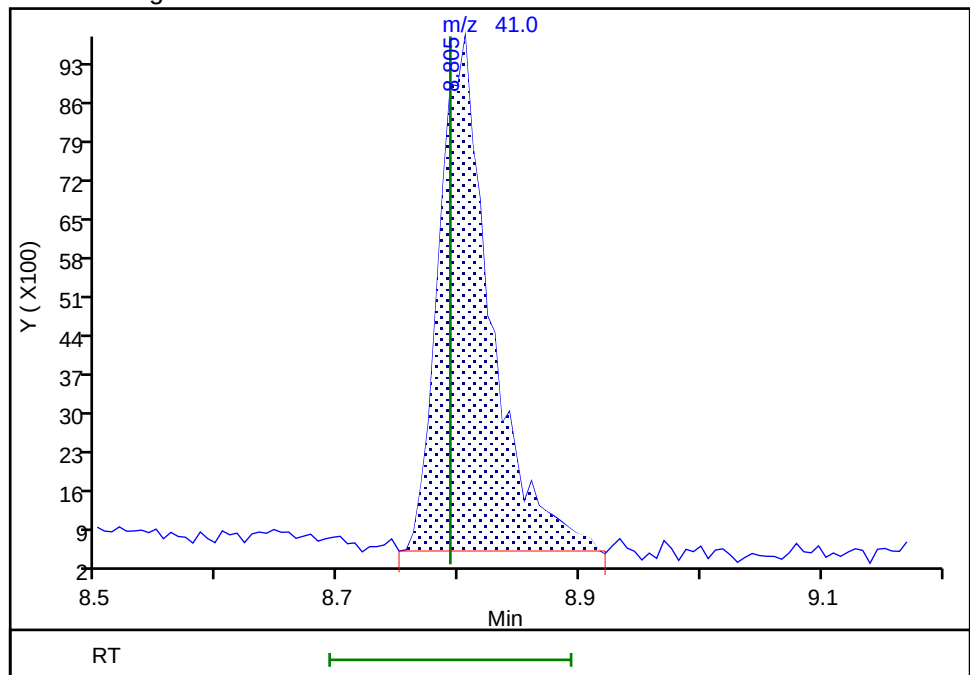
RT: 8.80  
Area: 25742  
Amount: 4.703338  
Amount Units: ug/l

## Processing Integration Results



RT: 8.80  
Area: 27652  
Amount: 5.052316  
Amount Units: ug/l

## Manual Integration Results



Reviewer: JS6E, 11-Jul-2025 02:11:34 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Lab Sample ID: CCVIS 410-708376/3

Calibration Date: 10/02/2025 18:47

Instrument ID: 19094

Calib Start Date: 07/09/2025 04:17

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

Calib End Date: 07/09/2025 07:02

Lab File ID: HC02X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                  | CURVE TYPE | AVE RRF | RRF    | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D    | MAX %D |
|--------------------------|------------|---------|--------|---------|-------------|--------------|-------|--------|
| Dichlorodifluoromethane  | Ave        | 0.3244  | 0.3900 | 0.1000  | 12.0        | 10.0         | 20.2* | 20.0   |
| Chloromethane            | Ave        | 0.4285  | 0.4010 | 0.1000  | 9.36        | 10.0         | -6.4  | 20.0   |
| 1,3-Butadiene            | Ave        | 0.4119  | 0.4437 |         | 10.8        | 10.0         | 7.7   | 20.0   |
| Vinyl chloride           | Ave        | 0.3874  | 0.3796 | 0.1000  | 9.80        | 10.0         | -2.0  | 20.0   |
| Bromomethane             | Ave        | 0.2752  | 0.2812 | 0.1000  | 10.2        | 10.0         | 2.2   | 20.0   |
| Chloroethane             | Ave        | 0.2433  | 0.2420 | 0.1000  | 9.95        | 10.0         | -0.5  | 20.0   |
| Dichlorofluoromethane    | Ave        | 0.6509  | 0.6105 |         | 9.38        | 10.0         | -6.2  | 20.0   |
| Trichlorofluoromethane   | Ave        | 0.5026  | 0.5499 | 0.1000  | 10.9        | 10.0         | 9.4   | 20.0   |
| Ethyl ether              | Ave        | 0.1705  | 0.1695 |         | 9.94        | 10.0         | -0.6  | 20.0   |
| Freon 123a               | Ave        | 0.3748  | 0.3838 |         | 10.2        | 10.0         | 2.4   | 20.0   |
| Acrolein                 | Ave        | 2.895   | 2.707  |         | 456         | 488          | -6.5  | 20.0   |
| 1,1-Dichloroethene       | Ave        | 0.2539  | 0.2791 | 0.1000  | 11.0        | 10.0         | 9.9   | 20.0   |
| Freon 113                | Ave        | 0.2492  | 0.2986 | 0.1000  | 12.0        | 10.0         | 19.9  | 20.0   |
| Acetone                  | Ave        | 3.552   | 3.303  | 0.1000  | 93.0        | 100          | -7.0  | 20.0   |
| Methyl iodide            | Ave        | 0.4868  | 0.5096 |         | 10.5        | 10.0         | 4.7   | 20.0   |
| Ethyl bromide            | Ave        | 0.2145  | 0.2178 |         | 10.1        | 9.99         | 1.5   | 20.0   |
| Carbon disulfide         | Ave        | 0.7785  | 0.8356 | 0.1000  | 10.7        | 10.0         | 7.3   | 20.0   |
| Methyl acetate           | Ave        | 8.490   | 8.500  | 0.1000  | 10.0        | 10.0         | 0.1   | 20.0   |
| Allyl chloride           | Ave        | 0.5013  | 0.4563 |         | 9.10        | 10.0         | -9.0  | 20.0   |
| Methylene Chloride       | Ave        | 0.2663  | 0.2847 | 0.1000  | 10.7        | 10.0         | 6.9   | 20.0   |
| t-Butyl alcohol          | Ave        | 1.088   | 0.9760 |         | 179         | 200          | -10.3 | 20.0   |
| Acrylonitrile            | Lin        |         | 4.792  |         | 27.0        | 25.0         | 7.8   | 20.0   |
| Methyl tert-butyl ether  | Ave        | 0.5836  | 0.5734 | 0.1000  | 9.82        | 10.0         | -1.8  | 20.0   |
| trans-1,2-Dichloroethene | Ave        | 0.2813  | 0.3111 | 0.1000  | 11.1        | 10.0         | 10.6  | 20.0   |
| n-Hexane                 | Ave        | 0.4269  | 0.4790 |         | 11.2        | 10.0         | 12.2  | 20.0   |
| 1,1-Dichloroethane       | Ave        | 0.5435  | 0.5580 | 0.2000  | 10.3        | 10.0         | 2.7   | 20.0   |
| di-Isopropyl ether       | Ave        | 0.9176  | 0.8850 |         | 9.65        | 10.0         | -3.5  | 20.0   |
| 2-Chloro-1,3-butadiene   | Ave        | 0.4702  | 0.4801 |         | 10.2        | 10.0         | 2.1   | 20.0   |
| Ethyl t-butyl ether      | Ave        | 0.7956  | 0.7883 |         | 9.91        | 10.0         | -0.9  | 20.0   |
| 2-Butanone (MEK)         | Ave        | 6.083   | 5.817  | 0.1000  | 95.6        | 100          | -4.4  | 20.0   |
| cis-1,2-Dichloroethene   | Ave        | 0.3061  | 0.3333 | 0.1000  | 10.9        | 10.0         | 8.9   | 20.0   |
| 2,2-Dichloropropane      | Ave        | 0.4753  | 0.4731 |         | 9.95        | 10.0         | -0.5  | 20.0   |
| Propionitrile            | Ave        | 1.516   | 1.508  |         | 199         | 200          | -0.5  | 20.0   |
| Methacrylonitrile        | Ave        | 6.120   | 7.057  |         | 115         | 100          | 15.3  | 20.0   |
| Bromochloromethane       | Ave        | 0.1158  | 0.1289 |         | 11.1        | 10.0         | 11.3  | 20.0   |
| Tetrahydrofuran          | Ave        | 1.710   | 1.867  |         | 54.6        | 50.0         | 9.2   | 20.0   |
| Chloroform               | Ave        | 0.5049  | 0.5290 | 0.2000  | 10.5        | 10.0         | 4.8   | 20.0   |
| 1,1,1-Trichloroethane    | Ave        | 0.4721  | 0.4905 | 0.1000  | 10.4        | 10.0         | 3.9   | 20.0   |
| Cyclohexane              | Ave        | 0.5801  | 0.5855 | 0.1000  | 10.1        | 10.0         | 0.9   | 20.0   |
| 1,1-Dichloropropene      | Ave        | 0.4357  | 0.4520 |         | 10.4        | 10.0         | 3.7   | 20.0   |

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 410-708376/3

Calibration Date: 10/02/2025 18:47

Instrument ID: 19094

Calib Start Date: 07/09/2025 04:17

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

Calib End Date: 07/09/2025 07:02

Lab File ID: HC02X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                     | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-----------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Carbon tetrachloride        | Ave           | 0.3988  | 0.4354 | 0.1000  | 10.9           | 10.0            | 9.2   | 20.0      |
| Isobutyl alcohol            | Ave           | 0.4249  | 0.3528 |         | 415            | 500             | -17.0 | 20.0      |
| Benzene                     | Ave           | 1.239   | 1.300  | 0.5000  | 10.5           | 10.0            | 4.9   | 20.0      |
| 1,2-Dichloroethane          | Ave           | 0.2783  | 0.2717 | 0.1000  | 9.76           | 10.0            | -2.4  | 20.0      |
| t-Amyl methyl ether         | Ave           | 0.6885  | 0.6735 |         | 9.78           | 10.0            | -2.2  | 20.0      |
| n-Heptane                   | Ave           | 0.4514  | 0.4446 |         | 9.85           | 10.0            | -1.5  | 20.0      |
| n-Butanol                   | Lin           |         | 0.3344 |         | 813            | 875             | -7.0  | 20.0      |
| Trichloroethene             | Ave           | 0.3245  | 0.3445 | 0.2000  | 10.6           | 10.0            | 6.2   | 20.0      |
| Methylcyclohexane           | Ave           | 0.5648  | 0.6104 | 0.1000  | 10.8           | 10.0            | 8.1   | 20.0      |
| 1,2-Dichloropropane         | Ave           | 0.2978  | 0.3169 | 0.1000  | 10.6           | 10.0            | 6.4   | 20.0      |
| 1,4-Dioxane                 | Linl          |         | 0.0770 | 0.0050  | 547            | 500             | 9.3   | 20.0      |
| Methyl methacrylate         | Ave           | 12.48   | 12.75  |         | 10.2           | 10.0            | 2.2   | 20.0      |
| Dibromomethane              | Ave           | 0.1103  | 0.1243 |         | 11.3           | 10.0            | 12.6  | 20.0      |
| Bromodichloromethane        | Ave           | 0.3322  | 0.3582 | 0.2000  | 10.8           | 10.0            | 7.8   | 20.0      |
| 2-Nitropropane              | Ave           | 3.867   | 3.659  |         | 47.3           | 50.0            | -5.4  | 20.0      |
| 1-Bromo-2-chloroethane      | Ave           | 0.2658  | 0.2430 |         | 9.14           | 10.0            | -8.6  | 20.0      |
| cis-1,3-Dichloropropene     | Ave           | 0.4066  | 0.4363 | 0.2000  | 10.7           | 10.0            | 7.3   | 20.0      |
| 4-Methyl-2-pentanone (MIBK) | Ave           | 17.33   | 16.08  | 0.1000  | 92.8           | 100             | -7.2  | 20.0      |
| Toluene                     | Ave           | 1.078   | 1.074  | 0.4000  | 9.96           | 10.0            | -0.4  | 20.0      |
| trans-1,3-Dichloropropene   | Ave           | 0.4270  | 0.4223 | 0.1000  | 9.89           | 10.0            | -1.1  | 20.0      |
| Ethyl methacrylate          | Ave           | 0.3018  | 0.2940 |         | 9.74           | 10.0            | -2.6  | 20.0      |
| 1,1,2-Trichloroethane       | Ave           | 0.2394  | 0.2320 | 0.1000  | 9.69           | 10.0            | -3.1  | 20.0      |
| Tetrachloroethene           | Ave           | 0.5092  | 0.4922 | 0.2000  | 9.66           | 10.0            | -3.4  | 20.0      |
| 1,3-Dichloropropane         | Ave           | 0.4165  | 0.4055 |         | 9.74           | 10.0            | -2.6  | 20.0      |
| 2-Hexanone                  | Ave           | 11.07   | 10.97  | 0.1000  | 99.1           | 100             | -0.9  | 20.0      |
| Dibromochloromethane        | Ave           | 0.2957  | 0.3087 |         | 10.4           | 10.0            | 4.4   | 20.0      |
| 1,2-Dibromoethane (EDB)     | Ave           | 0.2077  | 0.2133 | 0.1000  | 10.3           | 10.0            | 2.7   | 20.0      |
| 1-Chlorohexane              | Ave           | 0.6787  | 0.5942 |         | 8.76           | 10.0            | -12.4 | 20.0      |
| Chlorobenzene               | Ave           | 1.140   | 1.123  | 0.5000  | 9.85           | 10.0            | -1.5  | 20.0      |
| 1,1,1,2-Tetrachloroethane   | Ave           | 0.3755  | 0.3708 |         | 9.88           | 10.0            | -1.2  | 20.0      |
| Ethylbenzene                | Ave           | 2.128   | 2.104  | 0.1000  | 9.89           | 10.0            | -1.1  | 20.0      |
| m&p-Xylene                  | Ave           | 0.8089  | 0.8111 | 0.1000  | 20.1           | 20.0            | 0.3   | 20.0      |
| o-Xylene                    | Ave           | 0.7665  | 0.7655 | 0.3000  | 9.99           | 10.0            | -0.1  | 20.0      |
| Styrene                     | Ave           | 1.230   | 1.254  | 0.3000  | 10.2           | 10.0            | 1.9   | 20.0      |
| Bromoform                   | Ave           | 0.1528  | 0.1649 | 0.1000  | 10.8           | 10.0            | 7.9   | 20.0      |
| Isopropylbenzene            | Ave           | 1.874   | 2.092  | 0.1000  | 11.2           | 10.0            | 11.7  | 20.0      |
| 1,1,2,2-Tetrachloroethane   | Ave           | 0.4928  | 0.4925 | 0.3000  | 9.99           | 10.0            | -0.0  | 20.0      |
| Bromobenzene                | Ave           | 0.7999  | 0.8142 |         | 10.2           | 10.0            | 1.8   | 20.0      |
| trans-1,4-Dichloro-2-butene | Ave           | 6.404   | 5.181  |         | 80.9           | 100             | -19.1 | 20.0      |
| 1,2,3-Trichloropropane      | Ave           | 0.1235  | 0.1277 |         | 10.3           | 10.0            | 3.3   | 20.0      |

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Lab Sample ID: CCVIS 410-708376/3

Calibration Date: 10/02/2025 18:47

Instrument ID: 19094

Calib Start Date: 07/09/2025 04:17

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

Calib End Date: 07/09/2025 07:02

Lab File ID: HC02X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                      | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| N-Propylbenzene              | Ave           | 4.450   | 4.494  |         | 10.1           | 10.0            | 1.0   | 20.0      |
| 2-Chlorotoluene              | Ave           | 0.8495  | 0.8486 |         | 9.99           | 10.0            | -0.1  | 20.0      |
| 1,3,5-Trimethylbenzene       | Ave           | 3.114   | 3.112  |         | 9.99           | 10.0            | -0.0  | 20.0      |
| 4-Chlorotoluene              | Ave           | 0.8557  | 0.8583 |         | 10.0           | 10.0            | 0.3   | 20.0      |
| tert-Butylbenzene            | Ave           | 0.6874  | 0.7027 |         | 10.2           | 10.0            | 2.2   | 20.0      |
| Pentachloroethane            | Ave           | 0.4530  | 0.4990 |         | 11.0           | 10.0            | 10.2  | 20.0      |
| 1,2,4-Trimethylbenzene       | Ave           | 3.161   | 3.181  |         | 10.1           | 10.0            | 0.6   | 20.0      |
| sec-Butylbenzene             | Ave           | 4.013   | 3.992  |         | 9.95           | 10.0            | -0.5  | 20.0      |
| 1,3-Dichlorobenzene          | Ave           | 1.600   | 1.654  | 0.6000  | 10.3           | 10.0            | 3.4   | 20.0      |
| p-Isopropyltoluene           | Ave           | 3.439   | 3.449  |         | 10.0           | 10.0            | 0.3   | 20.0      |
| 1,4-Dichlorobenzene          | Ave           | 1.648   | 1.651  | 0.5000  | 10.0           | 10.0            | 0.2   | 20.0      |
| 1,2,3-Trimethylbenzene       | Ave           | 1.333   | 1.320  |         | 9.91           | 10.0            | -0.9  | 20.0      |
| Benzyl chloride              | Ave           | 0.1943  | 0.2022 |         | 10.4           | 10.0            | 4.1   | 20.0      |
| n-Butylbenzene               | Ave           | 1.621   | 1.653  |         | 10.2           | 10.0            | 2.0   | 20.0      |
| 1,2-Dichlorobenzene          | Ave           | 1.396   | 1.427  | 0.4000  | 10.2           | 10.0            | 2.2   | 20.0      |
| 1,2-Dibromo-3-Chloropropane  | Ave           | 0.0654  | 0.0621 | 0.0500  | 9.49           | 10.0            | -5.1  | 20.0      |
| 1,3,5-Trichlorobenzene       | Ave           | 1.175   | 1.150  |         | 9.78           | 10.0            | -2.2  | 20.0      |
| 1,2,4-Trichlorobenzene       | Ave           | 0.9406  | 0.8719 | 0.2000  | 9.27           | 10.0            | -7.3  | 20.0      |
| Hexachlorobutadiene          | Ave           | 0.4650  | 0.4130 |         | 8.88           | 10.0            | -11.2 | 20.0      |
| Naphthalene                  | Ave           | 1.539   | 1.306  |         | 8.49           | 10.0            | -15.1 | 20.0      |
| 1,2,3-Trichlorobenzene       | Ave           | 0.7727  | 0.6575 |         | 8.51           | 10.0            | -14.9 | 20.0      |
| Dibromofluoromethane (Surr)  | Ave           | 0.2321  | 0.2356 |         | 10.2           | 10.0            | 1.5   |           |
| 1,2-Dichloroethane-d4 (Surr) | Ave           | 0.0421  | 0.0428 |         | 10.2           | 10.0            | 1.6   |           |
| Toluene-d8 (Surr)            | Ave           | 1.391   | 1.335  |         | 9.60           | 10.0            | -4.0  |           |
| 4-Bromofluorobenzene (Surr)  | Ave           | 0.5024  | 0.4753 |         | 9.46           | 10.0            | -5.4  |           |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X02.D  
 Lims ID: CCVIS VSTD10  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 02-Oct-2025 18:47:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-003  
 Misc. Info.: CCVIS VSTD10  
 Operator ID: hr3z Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 14:54:25 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 14:54:25

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.812     | 1.812         | 0.000         | 99  | 654200   | 10.0         | 12.0           |       |
| 5 Chloromethane                     | 50  | 1.995     | 1.995         | 0.000         | 99  | 672607   | 10.0         | 9.36           |       |
| 6 Butadiene                         | 39  | 2.093     | 2.093         | 0.000         | 90  | 744228   | 10.0         | 10.8           |       |
| 7 Vinyl chloride                    | 62  | 2.105     | 2.105         | 0.000         | 98  | 636773   | 10.0         | 9.80           |       |
| 9 Bromomethane                      | 94  | 2.404     | 2.404         | 0.000         | 91  | 471609   | 10.0         | 10.2           |       |
| 10 Chloroethane                     | 64  | 2.465     | 2.465         | 0.000         | 100 | 405886   | 10.0         | 9.95           |       |
| 11 Dichlorofluoromethane            | 67  | 2.678     | 2.678         | 0.000         | 97  | 1024085  | 10.0         | 9.38           |       |
| 12 Trichlorofluoromethane           | 101 | 2.757     | 2.757         | 0.000         | 98  | 922396   | 10.0         | 10.9           |       |
| 13 Ethyl ether                      | 59  | 2.959     | 2.959         | 0.000         | 91  | 284356   | 10.0         | 9.94           |       |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.026     | 3.026         | 0.000         | 93  | 643853   | 10.0         | 10.2           |       |
| 16 Acrolein                         | 56  | 3.111     | 3.111         | 0.000         | 99  | 1744607  | 487.9        | 456.2          |       |
| 17 1,1-Dichloroethene               | 96  | 3.239     | 3.239         | 0.000         | 98  | 468172   | 10.0         | 11.0           |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.276     | 3.276         | 0.000         | 92  | 500941   | 10.0         | 12.0           |       |
| 19 Acetone                          | 43  | 3.282     | 3.282         | 0.000         | 88  | 436332   | 100.0        | 93.0           |       |
| 20 Iodomethane                      | 142 | 3.416     | 3.416         | 0.000         | 98  | 854826   | 10.0         | 10.5           |       |
| 22 Ethyl bromide                    | 108 | 3.446     | 3.446         | 0.000         | 98  | 364899   | 9.99         | 10.1           |       |
| 23 Carbon disulfide                 | 76  | 3.519     | 3.519         | 0.000         | 99  | 1401698  | 10.0         | 10.7           |       |
| 24 Methyl acetate                   | 43  | 3.660     | 3.660         | 0.000         | 25  | 112282   | 10.0         | 10.0           | M     |
| 25 3-Chloro-1-propene               | 41  | 3.672     | 3.672         | 0.000         | 93  | 765435   | 10.0         | 9.10           |       |
| 27 Methylene Chloride               | 84  | 3.836     | 3.836         | 0.000         | 91  | 477538   | 10.0         | 10.7           |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.873     | 3.873         | 0.000         | 0   | 66051    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.958     | 3.958         | 0.000         | 100 | 257869   | 200.0        | 179.5          |       |
| 30 Acrylonitrile                    | 53  | 4.178     | 4.178         | 0.000         | 98  | 158267   | 25.0         | 27.0           | M     |
| 31 Methyl tert-butyl ether          | 73  | 4.208     | 4.208         | 0.000         | 95  | 961756   | 10.0         | 9.82           |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.221     | 4.221         | 0.000         | 99  | 521814   | 10.0         | 11.1           |       |
| 34 Hexane                           | 57  | 4.641     | 4.641         | 0.000         | 91  | 803503   | 10.0         | 11.2           |       |
| 35 1,1-Dichloroethane               | 63  | 4.873     | 4.873         | 0.000         | 96  | 936016   | 10.0         | 10.3           |       |
| 37 Isopropyl ether                  | 45  | 4.934     | 4.934         | 0.000         | 94  | 1484561  | 10.0         | 9.65           |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 4.989     | 4.989         | 0.000         | 90  | 805250   | 10.0         | 10.2           |       |
| 39 Tert-butyl ethyl ether           | 59  | 5.482     | 5.482         | 0.000         | 98  | 1322210  | 10.0         | 9.91           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.684     | 5.684         | 0.000         | 99  | 768459   | 100.0        | 95.6           |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.720     | 5.720         | 0.000         | 82  | 559130   | 10.0         | 10.9           |       |
| 43 2,2-Dichloropropane             | 77  | 5.732     | 5.732         | 0.000         | 87  | 793503   | 10.0         | 9.95           |       |
| 44 Propionitrile                   | 54  | 5.769     | 5.769         | 0.000         | 98  | 398510   | 200.0        | 199.0          | M     |
| 46 Methacrylonitrile               | 67  | 5.982     | 5.982         | 0.000         | 91  | 932206   | 100.0        | 115.3          |       |
| 47 Chlorobromomethane              | 128 | 6.056     | 6.056         | 0.000         | 92  | 216285   | 10.0         | 11.1           |       |
| 48 Tetrahydrofuran                 | 71  | 6.086     | 6.086         | 0.000         | 74  | 123338   | 50.0         | 54.6           |       |
| 50 Chloroform                      | 83  | 6.214     | 6.214         | 0.000         | 93  | 887295   | 10.0         | 10.5           |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.434     | 6.434         | 0.000         | 94  | 395182   | 10.0         | 10.2           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.446     | 6.446         | 0.000         | 98  | 822723   | 10.0         | 10.4           |       |
| 54 Cyclohexane                     | 56  | 6.555     | 6.555         | 0.000         | 90  | 982042   | 10.0         | 10.1           |       |
| 55 1,1-Dichloropropene             | 75  | 6.665     | 6.665         | 0.000         | 96  | 758144   | 10.0         | 10.4           |       |
| 56 Carbon tetrachloride            | 117 | 6.665     | 6.665         | 0.000         | 85  | 730319   | 10.0         | 10.9           |       |
| 57 Isobutyl alcohol                | 41  | 6.818     | 6.818         | 0.000         | 95  | 233026   | 500.0        | 415.2          |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 0   | 71738    | 10.0         | 10.2           |       |
| 59 Benzene                         | 78  | 6.927     | 6.927         | 0.000         | 96  | 2181179  | 10.0         | 10.5           |       |
| 60 1,2-Dichloroethane              | 62  | 7.000     | 7.000         | 0.000         | 97  | 455685   | 10.0         | 9.76           |       |
| 62 Tert-amyl methyl ether          | 73  | 7.129     | 7.129         | 0.000         | 99  | 1129698  | 10.0         | 9.78           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.342         | 0.000         | 99  | 1677391  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.366     | 7.366         | 0.000         | 91  | 745807   | 10.0         | 9.85           |       |
| 66 n-Butanol                       | 56  | 7.732     | 7.732         | 0.000         | 88  | 386517   | 875.0        | 813.4          |       |
| 67 Trichloroethene                 | 95  | 7.836     | 7.836         | 0.000         | 99  | 577911   | 10.0         | 10.6           |       |
| 69 Methylcyclohexane               | 83  | 8.153     | 8.153         | 0.000         | 93  | 1023906  | 10.0         | 10.8           |       |
| 70 1,2-Dichloropropane             | 63  | 8.171     | 8.171         | 0.000         | 88  | 531496   | 10.0         | 10.6           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.189     | 8.189         | 0.000         | 93  | 793215   | 10.0         | 10.5           |       |
| 72 Methyl methacrylate             | 69  | 8.275     | 8.275         | 0.000         | 91  | 168416   | 10.0         | 10.2           |       |
| 73 1,4-Dioxane                     | 88  | 8.275     | 8.275         | 0.000         | 37  | 50891    | 500.0        | 546.6          |       |
| 74 Dibromomethane                  | 93  | 8.281     | 8.281         | 0.000         | 95  | 208446   | 10.0         | 11.3           |       |
| 76 Dichlorobromomethane            | 83  | 8.525     | 8.525         | 0.000         | 100 | 600800   | 10.0         | 10.8           |       |
| 77 2-Nitropropane                  | 41  | 8.793     | 8.793         | 0.000         | 98  | 241710   | 50.0         | 47.3           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.927     | 8.927         | 0.000         | 98  | 407568   | 10.0         | 9.14           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.098     | 9.098         | 0.000         | 96  | 731804   | 10.0         | 10.7           |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  | 9.281     | 9.281         | 0.000         | 96  | 2123717  | 100.0        | 92.8           |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93  | 1757217  | 10.0         | 9.60           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98  | 1413077  | 10.0         | 9.96           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.787     | 9.787         | 0.000         | 92  | 555752   | 10.0         | 9.89           |       |
| 86 Ethyl methacrylate              | 69  | 9.860     | 9.860         | 0.000         | 89  | 386837   | 10.0         | 9.74           |       |
| 87 1,1,2-Trichloroethane           | 97  | 9.994     | 9.994         | 0.000         | 90  | 305298   | 10.0         | 9.69           |       |
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 98  | 647666   | 10.0         | 9.66           |       |
| 108 1,3-Dichloropropane            | 76  | 10.165    | 10.165        | 0.000         | 90  | 533617   | 10.0         | 9.74           |       |
| 109 2-Hexanone                     | 43  | 10.219    | 10.219        | 0.000         | 95  | 1449713  | 100.0        | 99.1           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 90  | 406297   | 10.0         | 10.4           |       |
| 112 Ethylene Dibromide             | 107 | 10.500    | 10.500        | 0.000         | 99  | 280684   | 10.0         | 10.3           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85  | 1315943  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 781980   | 10.0         | 8.76           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 95  | 1477964  | 10.0         | 9.85           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.061        | 0.000         | 96  | 487985   | 10.0         | 9.88           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 98  | 2768523  | 10.0         | 9.89           |       |
| 118 m-Xylene & p-Xylene            | 106 | 11.183    | 11.183        | 0.000         | 0   | 2134674  | 20.0         | 20.1           |       |
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97  | 1007413  | 10.0         | 9.99           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 95  | 1649744  | 10.0         | 10.2           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 98  | 217012   | 10.0         | 10.8           |       |



| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 123 Isopropylbenzene               | 105 | 11.823    | 11.823        | 0.000         | 95 | 2753313  | 10.0         | 11.2           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.969    | 11.969        | 0.000         | 93 | 625447   | 10.0         | 9.46           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.073    | 12.073        | 0.000         | 93 | 358517   | 10.0         | 10.0           |       |
| 128 Bromobenzene                   | 156 | 12.085    | 12.085        | 0.000         | 97 | 592753   | 10.0         | 10.2           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.097    | 12.097        | 0.000         | 93 | 684361   | 100.0        | 80.9           |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.121    | 12.121        | 0.000         | 82 | 92946    | 10.0         | 10.3           |       |
| 131 N-Propylbenzene                | 91  | 12.158    | 12.158        | 0.000         | 99 | 3271376  | 10.0         | 10.1           |       |
| 132 2-Chlorotoluene                | 126 | 12.231    | 12.231        | 0.000         | 97 | 617786   | 10.0         | 10.0           |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.298    | 12.298        | 0.000         | 94 | 2265278  | 10.0         | 10.0           |       |
| 134 4-Chlorotoluene                | 126 | 12.329    | 12.329        | 0.000         | 98 | 624811   | 10.0         | 10.0           |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 93 | 511545   | 10.0         | 10.2           |       |
| 136 Pentachloroethane              | 167 | 12.573    | 12.573        | 0.000         | 93 | 363303   | 10.0         | 11.0           |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.585    | 12.585        | 0.000         | 97 | 2316009  | 10.0         | 10.1           |       |
| 138 sec-Butylbenzene               | 105 | 12.707    | 12.707        | 0.000         | 94 | 2906229  | 10.0         | 9.95           |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.804    | 12.804        | 0.000         | 99 | 1204374  | 10.0         | 10.3           |       |
| 140 4-Isopropyltoluene             | 119 | 12.816    | 12.816        | 0.000         | 97 | 2510931  | 10.0         | 10.0           |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 728001   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.877    | 12.877        | 0.000         | 94 | 1201804  | 10.0         | 10.0           |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.890    | 12.890        | 0.000         | 98 | 961166   | 10.0         | 9.91           |       |
| 144 Benzyl chloride                | 126 | 12.957    | 12.957        | 0.000         | 98 | 147234   | 10.0         | 10.4           |       |
| 145 p-Diethylbenzene               | 119 | 13.091    | 13.091        | 0.000         | 93 | 1488096  | 10.0         | 10.1           |       |
| 146 n-Butylbenzene                 | 92  | 13.109    | 13.109        | 0.000         | 98 | 1203198  | 10.0         | 10.2           |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.140    | 13.140        | 0.000         | 99 | 1038913  | 10.0         | 10.2           |       |
| 148 1,2-Dibromo-3-Chloropropane    | 155 | 13.682    | 13.682        | 0.000         | 87 | 45197    | 10.0         | 9.49           |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.810    | 13.810        | 0.000         | 98 | 836881   | 10.0         | 9.78           |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.231    | 14.231        | 0.000         | 94 | 634768   | 10.0         | 9.27           |       |
| 152 Hexachlorobutadiene            | 225 | 14.316    | 14.316        | 0.000         | 95 | 300686   | 10.0         | 8.88           |       |
| 153 Naphthalene                    | 128 | 14.414    | 14.414        | 0.000         | 97 | 950984   | 10.0         | 8.49           |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.554    | 14.554        | 0.000         | 97 | 478649   | 10.0         | 8.51           |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

### Reagents:

MSV\_LL\_#1\_826\_00177

Amount Added: 20.00

Units: uL

MSV\_LL\_#2\_826\_00192

Amount Added: 20.00

Units: uL

MSV\_LL\_GAS826\_00291

Amount Added: 20.00

Units: uL

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 14:54:26

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X02.D

Injection Date: 02-Oct-2025 18:47:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: CCVIS VSTD10

Worklist Smp#: 3

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

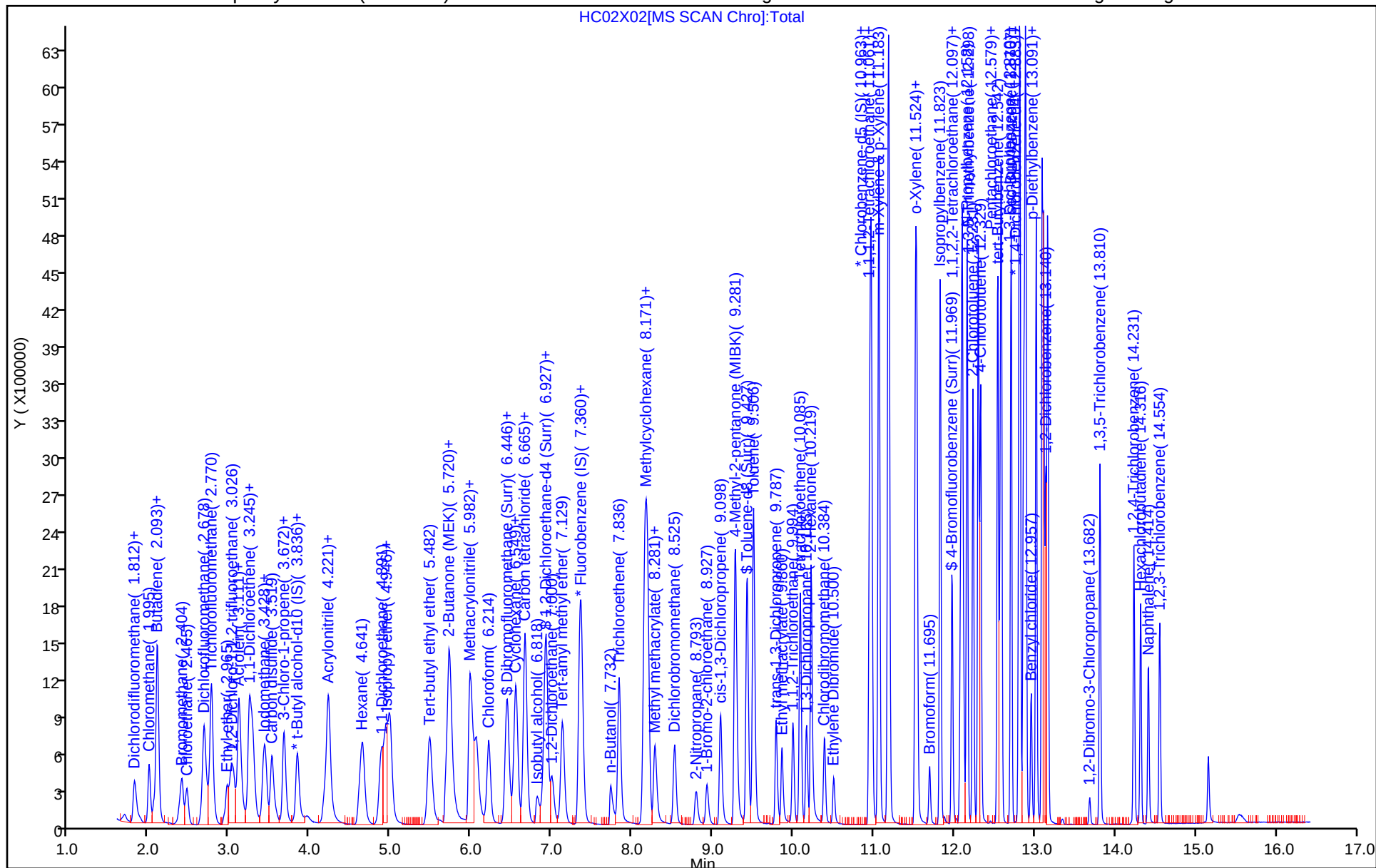
ALS Bottle#: 2

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

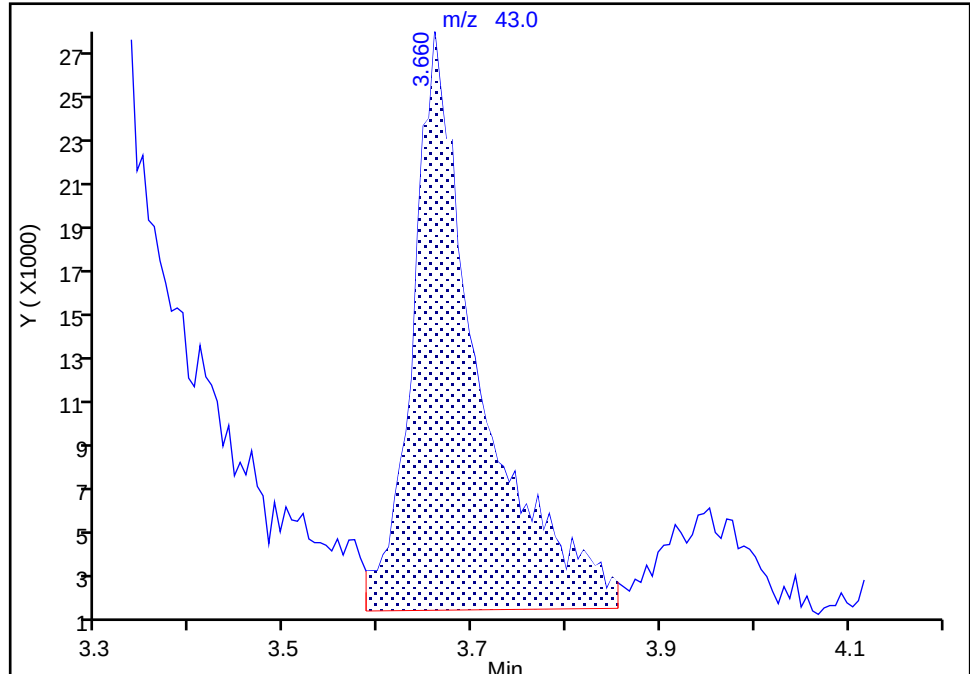
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X02.D  
Injection Date: 02-Oct-2025 18:47:30 Instrument ID: 19094  
Lims ID: CCVIS VSTD10  
Client ID:  
Operator ID: hr3z ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

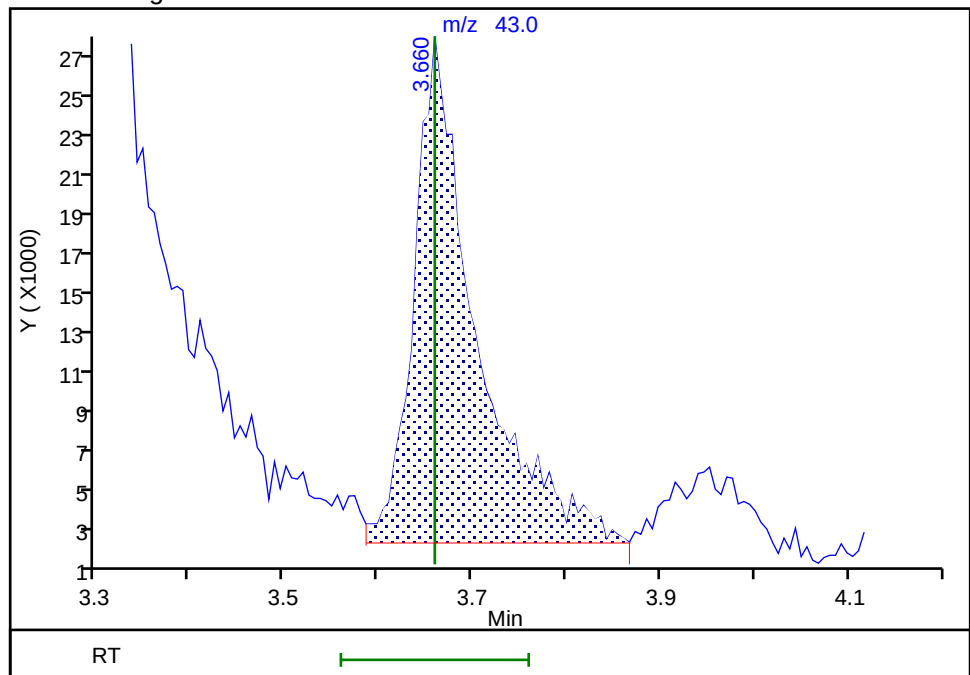
RT: 3.66  
Area: 125632  
Amount: 11.201371  
Amount Units: ug/l

## Processing Integration Results



RT: 3.66  
Area: 112282  
Amount: 10.011082  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HR3Z, 02-Oct-2025 19:12:51 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

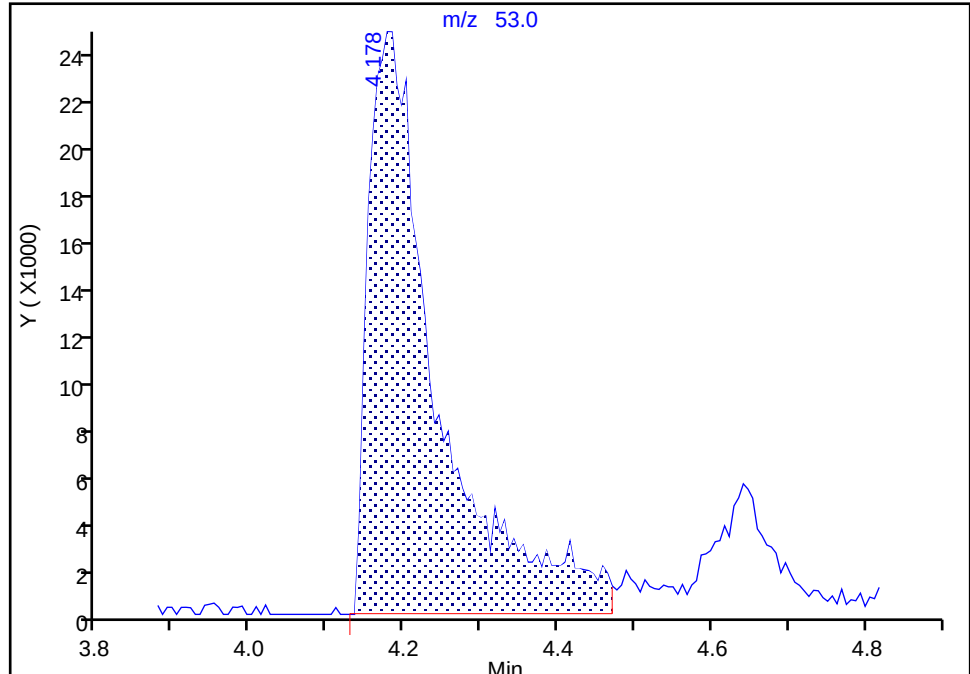
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X02.D  
Injection Date: 02-Oct-2025 18:47:30 Instrument ID: 19094  
Lims ID: CCVIS VSTD10  
Client ID:  
Operator ID: hr3z ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**30 Acrylonitrile, CAS: 107-13-1**

Signal: 1

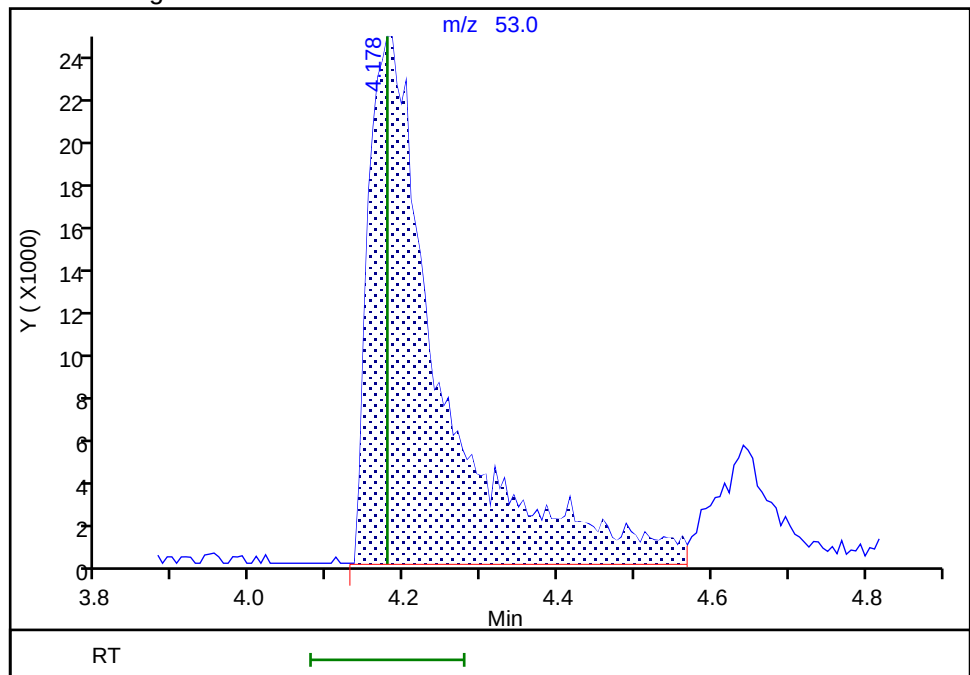
RT: 4.18  
Area: 151359  
Amount: 25.795491  
Amount Units: ug/l

## Processing Integration Results



RT: 4.18  
Area: 158267  
Amount: 26.951855  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HR3Z, 02-Oct-2025 19:13:01 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

## Eurofins Lancaster Laboratories Environment Testing, LLC

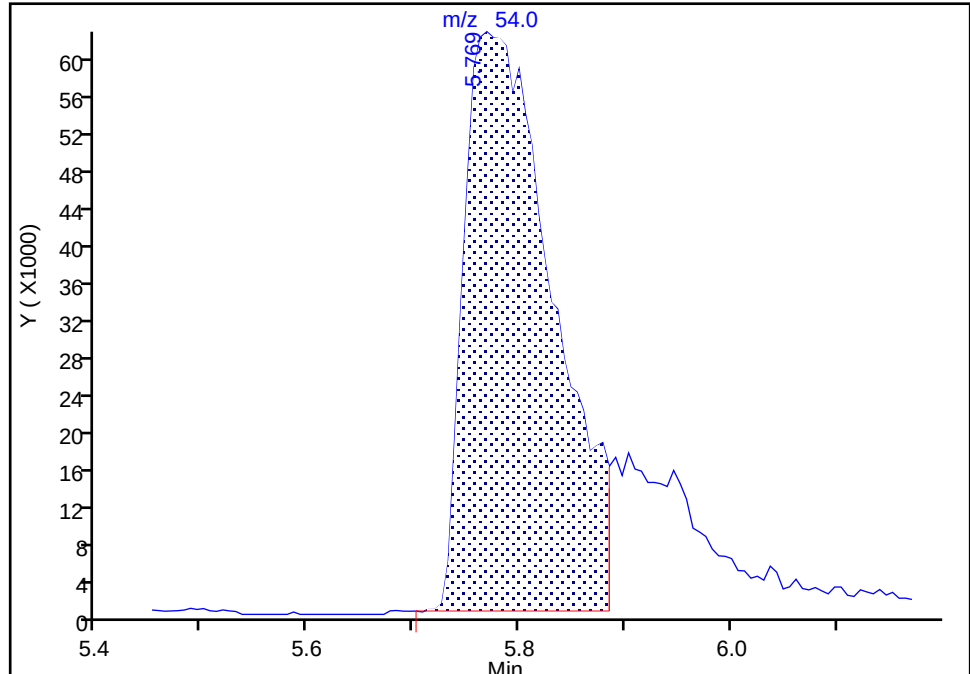
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X02.D  
Injection Date: 02-Oct-2025 18:47:30 Instrument ID: 19094  
Lims ID: CCVIS VSTD10  
Client ID:  
Operator ID: hr3z ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**44 Propionitrile, CAS: 107-12-0**

Signal: 1

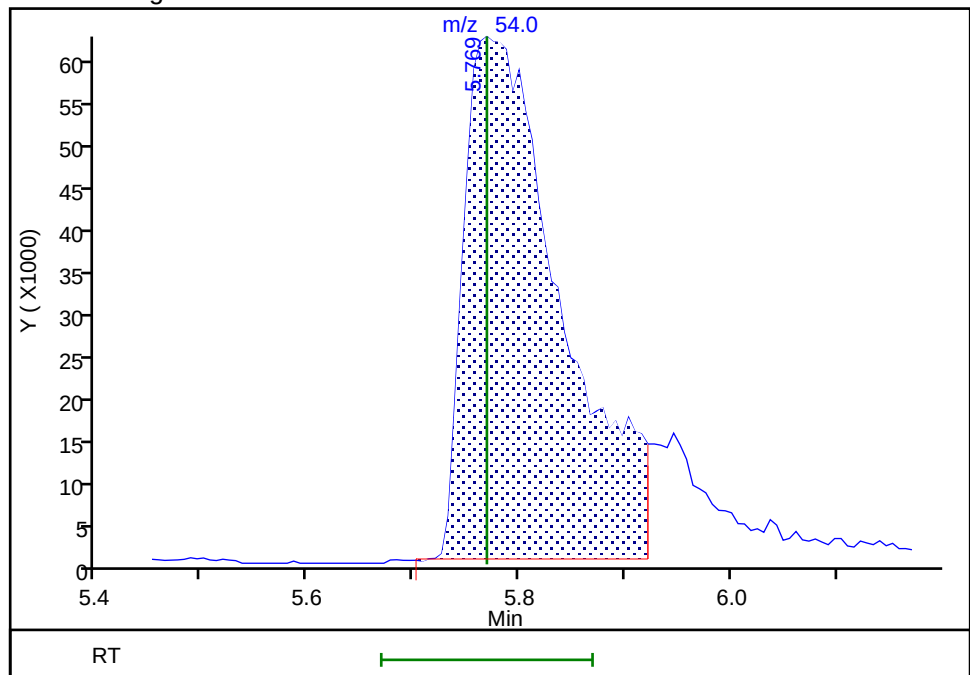
RT: 5.77  
Area: 364839  
Amount: 182.1649  
Amount Units: ug/l

## Processing Integration Results



RT: 5.77  
Area: 398510  
Amount: 198.9769  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HR3Z, 02-Oct-2025 19:13:15 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 410-710012/3

Calibration Date: 10/07/2025 09:21

Instrument ID: 19094

Calib Start Date: 07/09/2025 04:17

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

Calib End Date: 07/09/2025 07:02

Lab File ID: HC07X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                  | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|--------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Dichlorodifluoromethane  | Ave           | 0.3244  | 0.3983 | 0.1000  | 15.3           | 12.5            | 22.8* | 20.0      |
| Chloromethane            | Ave           | 0.4285  | 0.3946 | 0.1000  | 11.5           | 12.5            | -7.9  | 20.0      |
| 1,3-Butadiene            | Ave           | 0.4119  | 0.4259 |         | 12.9           | 12.5            | 3.4   | 20.0      |
| Vinyl chloride           | Ave           | 0.3874  | 0.3756 | 0.1000  | 12.1           | 12.5            | -3.1  | 20.0      |
| Bromomethane             | Ave           | 0.2752  | 0.2626 | 0.1000  | 11.9           | 12.5            | -4.6  | 20.0      |
| Chloroethane             | Ave           | 0.2433  | 0.2263 | 0.1000  | 11.6           | 12.5            | -7.0  | 20.0      |
| Dichlorofluoromethane    | Ave           | 0.6509  | 0.5802 |         | 11.1           | 12.5            | -10.9 | 20.0      |
| Trichlorofluoromethane   | Ave           | 0.5026  | 0.5133 | 0.1000  | 12.8           | 12.5            | 2.1   | 20.0      |
| Ethyl ether              | Ave           | 0.1705  | 0.1723 |         | 12.6           | 12.5            | 1.1   | 20.0      |
| Freon 123a               | Ave           | 0.3748  | 0.3571 |         | 11.9           | 12.5            | -4.7  | 20.0      |
| Acrolein                 | Ave           | 2.895   | 3.059  |         | 644            | 610             | 5.7   | 20.0      |
| 1,1-Dichloroethene       | Ave           | 0.2539  | 0.2540 | 0.1000  | 12.5           | 12.5            | 0.0   | 20.0      |
| Acetone                  | Ave           | 3.552   | 3.511  | 0.1000  | 124            | 125             | -1.2  | 20.0      |
| Freon 113                | Ave           | 0.2492  | 0.2691 | 0.1000  | 13.5           | 12.5            | 8.0   | 20.0      |
| Methyl iodide            | Ave           | 0.4868  | 0.4718 |         | 12.1           | 12.5            | -3.1  | 20.0      |
| Ethyl bromide            | Ave           | 0.2145  | 0.2267 |         | 13.2           | 12.5            | 5.7   | 20.0      |
| Carbon disulfide         | Ave           | 0.7785  | 0.7494 | 0.1000  | 12.0           | 12.5            | -3.7  | 20.0      |
| Methyl acetate           | Ave           | 8.490   | 8.280  | 0.1000  | 12.2           | 12.5            | -2.5  | 20.0      |
| Allyl chloride           | Ave           | 0.5013  | 0.4216 |         | 10.5           | 12.5            | -15.9 | 20.0      |
| Methylene Chloride       | Ave           | 0.2663  | 0.2634 | 0.1000  | 12.4           | 12.5            | -1.1  | 20.0      |
| t-Butyl alcohol          | Ave           | 1.088   | 0.9784 |         | 225            | 250             | -10.1 | 20.0      |
| Acrylonitrile            | Lin           |         | 4.564  |         | 32.0           | 31.3            | 2.4   | 20.0      |
| Methyl tert-butyl ether  | Ave           | 0.5836  | 0.5329 | 0.1000  | 11.4           | 12.5            | -8.7  | 20.0      |
| trans-1,2-Dichloroethene | Ave           | 0.2813  | 0.2916 | 0.1000  | 13.0           | 12.5            | 3.7   | 20.0      |
| n-Hexane                 | Ave           | 0.4269  | 0.4191 |         | 12.3           | 12.5            | -1.8  | 20.0      |
| 1,1-Dichloroethane       | Ave           | 0.5435  | 0.5283 | 0.2000  | 12.1           | 12.5            | -2.8  | 20.0      |
| di-Isopropyl ether       | Ave           | 0.9176  | 0.8273 |         | 11.3           | 12.5            | -9.8  | 20.0      |
| 2-Chloro-1,3-butadiene   | Ave           | 0.4702  | 0.4433 |         | 11.8           | 12.5            | -5.7  | 20.0      |
| Ethyl t-butyl ether      | Ave           | 0.7956  | 0.7332 |         | 11.5           | 12.5            | -7.8  | 20.0      |
| 2-Butanone (MEK)         | Ave           | 6.083   | 6.270  | 0.1000  | 129            | 125             | 3.1   | 20.0      |
| cis-1,2-Dichloroethene   | Ave           | 0.3061  | 0.3120 | 0.1000  | 12.7           | 12.5            | 1.9   | 20.0      |
| 2,2-Dichloropropane      | Ave           | 0.4753  | 0.4479 |         | 11.8           | 12.5            | -5.8  | 20.0      |
| Propionitrile            | Ave           | 1.516   | 1.907  |         | 314            | 250             | 25.8* | 20.0      |
| Methacrylonitrile        | Ave           | 6.120   | 7.552  |         | 154            | 125             | 23.4* | 20.0      |
| Bromochloromethane       | Ave           | 0.1158  | 0.1218 |         | 13.1           | 12.5            | 5.2   | 20.0      |
| Tetrahydrofuran          | Ave           | 1.710   | 2.011  |         | 73.5           | 62.5            | 17.6  | 20.0      |
| Chloroform               | Ave           | 0.5049  | 0.5060 | 0.2000  | 12.5           | 12.5            | 0.2   | 20.0      |
| 1,1,1-Trichloroethane    | Ave           | 0.4721  | 0.4638 | 0.1000  | 12.3           | 12.5            | -1.8  | 20.0      |
| Cyclohexane              | Ave           | 0.5801  | 0.5320 | 0.1000  | 11.5           | 12.5            | -8.3  | 20.0      |
| 1,1-Dichloropropene      | Ave           | 0.4357  | 0.4287 |         | 12.3           | 12.5            | -1.6  | 20.0      |

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 410-710012/3

Calibration Date: 10/07/2025 09:21

Instrument ID: 19094

Calib Start Date: 07/09/2025 04:17

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

Calib End Date: 07/09/2025 07:02

Lab File ID: HC07X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                     | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|-----------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| Carbon tetrachloride        | Ave           | 0.3988  | 0.4119 | 0.1000  | 12.9           | 12.5            | 3.3   | 20.0      |
| Isobutyl alcohol            | Ave           | 0.4249  | 0.3948 |         | 581            | 625             | -7.1  | 20.0      |
| Benzene                     | Ave           | 1.239   | 1.232  | 0.5000  | 12.4           | 12.5            | -0.6  | 20.0      |
| 1,2-Dichloroethane          | Ave           | 0.2783  | 0.2644 | 0.1000  | 11.9           | 12.5            | -5.0  | 20.0      |
| t-Amyl methyl ether         | Ave           | 0.6885  | 0.6286 |         | 11.4           | 12.5            | -8.7  | 20.0      |
| n-Heptane                   | Ave           | 0.4514  | 0.4114 |         | 11.4           | 12.5            | -8.9  | 20.0      |
| n-Butanol                   | Lin           |         | 0.3218 |         | 971            | 1090            | -11.2 | 20.0      |
| Trichloroethene             | Ave           | 0.3245  | 0.3264 | 0.2000  | 12.6           | 12.5            | 0.6   | 20.0      |
| Methylcyclohexane           | Ave           | 0.5648  | 0.5564 | 0.1000  | 12.3           | 12.5            | -1.5  | 20.0      |
| 1,2-Dichloropropane         | Ave           | 0.2978  | 0.2944 | 0.1000  | 12.4           | 12.5            | -1.1  | 20.0      |
| Methyl methacrylate         | Ave           | 12.48   | 13.84  |         | 13.9           | 12.5            | 10.9  | 20.0      |
| 1,4-Dioxane                 | Linl          |         | 0.0628 | 0.0050  | 557            | 625             | -10.9 | 20.0      |
| Dibromomethane              | Ave           | 0.1103  | 0.1192 |         | 13.5           | 12.5            | 8.0   | 20.0      |
| Bromodichloromethane        | Ave           | 0.3322  | 0.3408 | 0.2000  | 12.8           | 12.5            | 2.6   | 20.0      |
| 2-Nitropropane              | Ave           | 3.867   | 4.095  |         | 66.2           | 62.5            | 5.9   | 20.0      |
| 1-Bromo-2-chloroethane      | Ave           | 0.2658  | 0.2444 |         | 11.5           | 12.5            | -8.0  | 20.0      |
| cis-1,3-Dichloropropene     | Ave           | 0.4066  | 0.4049 | 0.2000  | 12.4           | 12.5            | -0.4  | 20.0      |
| 4-Methyl-2-pentanone (MIBK) | Ave           | 17.33   | 17.45  | 0.1000  | 126            | 125             | 0.7   | 20.0      |
| Toluene                     | Ave           | 1.078   | 1.089  | 0.4000  | 12.6           | 12.5            | 1.0   | 20.0      |
| trans-1,3-Dichloropropene   | Ave           | 0.4270  | 0.4198 | 0.1000  | 12.3           | 12.5            | -1.7  | 20.0      |
| Ethyl methacrylate          | Ave           | 0.3018  | 0.2914 |         | 12.1           | 12.5            | -3.5  | 20.0      |
| 1,1,2-Trichloroethane       | Ave           | 0.2394  | 0.2330 | 0.1000  | 12.2           | 12.5            | -2.7  | 20.0      |
| Tetrachloroethene           | Ave           | 0.5092  | 0.5006 | 0.2000  | 12.3           | 12.5            | -1.7  | 20.0      |
| 1,3-Dichloropropane         | Ave           | 0.4165  | 0.4075 |         | 12.2           | 12.5            | -2.2  | 20.0      |
| 2-Hexanone                  | Ave           | 11.07   | 11.88  | 0.1000  | 134            | 125             | 7.3   | 20.0      |
| Dibromochloromethane        | Ave           | 0.2957  | 0.3090 |         | 13.1           | 12.5            | 4.5   | 20.0      |
| 1,2-Dibromoethane (EDB)     | Ave           | 0.2077  | 0.2166 | 0.1000  | 13.0           | 12.5            | 4.3   | 20.0      |
| 1-Chlorohexane              | Ave           | 0.6787  | 0.6023 |         | 11.1           | 12.5            | -11.3 | 20.0      |
| Chlorobenzene               | Ave           | 1.140   | 1.140  | 0.5000  | 12.5           | 12.5            | 0.0   | 20.0      |
| 1,1,1,2-Tetrachloroethane   | Ave           | 0.3755  | 0.3788 |         | 12.6           | 12.5            | 0.9   | 20.0      |
| Ethylbenzene                | Ave           | 2.128   | 2.131  | 0.1000  | 12.5           | 12.5            | 0.1   | 20.0      |
| m&p-Xylene                  | Ave           | 0.8089  | 0.8365 | 0.1000  | 25.9           | 25.0            | 3.4   | 20.0      |
| o-Xylene                    | Ave           | 0.7665  | 0.7795 | 0.3000  | 12.7           | 12.5            | 1.7   | 20.0      |
| Styrene                     | Ave           | 1.230   | 1.285  | 0.3000  | 13.1           | 12.5            | 4.4   | 20.0      |
| Bromoform                   | Ave           | 0.1528  | 0.1641 | 0.1000  | 13.4           | 12.5            | 7.4   | 20.0      |
| Isopropylbenzene            | Ave           | 1.874   | 2.144  | 0.1000  | 14.3           | 12.5            | 14.4  | 20.0      |
| 1,1,2,2-Tetrachloroethane   | Ave           | 0.4928  | 0.4887 | 0.3000  | 12.4           | 12.5            | -0.8  | 20.0      |
| Bromobenzene                | Ave           | 0.7999  | 0.8308 |         | 13.0           | 12.5            | 3.9   | 20.0      |
| trans-1,4-Dichloro-2-butene | Ave           | 6.404   | 5.949  |         | 116            | 125             | -7.1  | 20.0      |
| 1,2,3-Trichloropropane      | Ave           | 0.1235  | 0.1348 |         | 13.6           | 12.5            | 9.1   | 20.0      |

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Lab Sample ID: CCVIS 410-710012/3

Calibration Date: 10/07/2025 09:21

Instrument ID: 19094

Calib Start Date: 07/09/2025 04:17

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

Calib End Date: 07/09/2025 07:02

Lab File ID: HC07X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                      | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %D    | MAX<br>%D |
|------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|-----------|
| N-Propylbenzene              | Ave           | 4.450   | 4.565  |         | 12.8           | 12.5            | 2.6   | 20.0      |
| 2-Chlorotoluene              | Ave           | 0.8495  | 0.8702 |         | 12.8           | 12.5            | 2.4   | 20.0      |
| 1,3,5-Trimethylbenzene       | Ave           | 3.114   | 3.187  |         | 12.8           | 12.5            | 2.4   | 20.0      |
| 4-Chlorotoluene              | Ave           | 0.8557  | 0.8968 |         | 13.1           | 12.5            | 4.8   | 20.0      |
| tert-Butylbenzene            | Ave           | 0.6874  | 0.7293 |         | 13.3           | 12.5            | 6.1   | 20.0      |
| Pentachloroethane            | Ave           | 0.4530  | 0.4815 |         | 13.3           | 12.5            | 6.3   | 20.0      |
| 1,2,4-Trimethylbenzene       | Ave           | 3.161   | 3.271  |         | 12.9           | 12.5            | 3.5   | 20.0      |
| sec-Butylbenzene             | Ave           | 4.013   | 4.199  |         | 13.1           | 12.5            | 4.6   | 20.0      |
| 1,3-Dichlorobenzene          | Ave           | 1.600   | 1.723  | 0.6000  | 13.5           | 12.5            | 7.7   | 20.0      |
| p-Isopropyltoluene           | Ave           | 3.439   | 3.697  |         | 13.4           | 12.5            | 7.5   | 20.0      |
| 1,4-Dichlorobenzene          | Ave           | 1.648   | 1.741  | 0.5000  | 13.2           | 12.5            | 5.6   | 20.0      |
| 1,2,3-Trimethylbenzene       | Ave           | 1.333   | 1.389  |         | 13.0           | 12.5            | 4.2   | 20.0      |
| Benzyl chloride              | Ave           | 0.1943  | 0.2131 |         | 13.7           | 12.5            | 9.7   | 20.0      |
| n-Butylbenzene               | Ave           | 1.621   | 1.784  |         | 13.8           | 12.5            | 10.1  | 20.0      |
| 1,2-Dichlorobenzene          | Ave           | 1.396   | 1.514  | 0.4000  | 13.6           | 12.5            | 8.5   | 20.0      |
| 1,2-Dibromo-3-Chloropropane  | Ave           | 0.0654  | 0.0644 | 0.0500  | 12.3           | 12.5            | -1.5  | 20.0      |
| 1,3,5-Trichlorobenzene       | Ave           | 1.175   | 1.228  |         | 13.1           | 12.5            | 4.5   | 20.0      |
| 1,2,4-Trichlorobenzene       | Ave           | 0.9406  | 0.9243 | 0.2000  | 12.3           | 12.5            | -1.7  | 20.0      |
| Hexachlorobutadiene          | Ave           | 0.4650  | 0.4551 |         | 12.2           | 12.5            | -2.1  | 20.0      |
| Naphthalene                  | Ave           | 1.539   | 1.367  |         | 11.1           | 12.5            | -11.2 | 20.0      |
| 1,2,3-Trichlorobenzene       | Ave           | 0.7727  | 0.6918 |         | 11.2           | 12.5            | -10.5 | 20.0      |
| Dibromofluoromethane (Surr)  | Ave           | 0.2321  | 0.2285 |         | 9.84           | 10.0            | -1.6  |           |
| 1,2-Dichloroethane-d4 (Surr) | Ave           | 0.0421  | 0.0445 |         | 10.6           | 10.0            | 5.7   |           |
| Toluene-d8 (Surr)            | Ave           | 1.391   | 1.375  |         | 9.88           | 10.0            | -1.2  |           |
| 4-Bromofluorobenzene (Surr)  | Ave           | 0.5024  | 0.4653 |         | 9.26           | 10.0            | -7.4  |           |



Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X02.D  
 Lims ID: CCVIS VSTD12.5  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 07-Oct-2025 09:21:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0162228-003  
 Misc. Info.: CCVIS VSTD12.5  
 Operator ID: ecr105096 Instrument ID: 19094  
 Sublist: chrom-MSV\_19094\_25mL\*sub1  
 Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 07-Oct-2025 15:14:08 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 09:49:03

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane           | 85  | 1.819     | 1.819         | 0.000         | 99  | 930783   | 12.5         | 15.3           |       |
| 5 Chloromethane                     | 50  | 2.001     | 2.001         | 0.000         | 99  | 922271   | 12.5         | 11.5           |       |
| 6 Butadiene                         | 39  | 2.099     | 2.099         | 0.000         | 91  | 995283   | 12.5         | 12.9           |       |
| 7 Vinyl chloride                    | 62  | 2.111     | 2.111         | 0.000         | 98  | 877722   | 12.5         | 12.1           |       |
| 9 Bromomethane                      | 94  | 2.410     | 2.410         | 0.000         | 90  | 613705   | 12.5         | 11.9           |       |
| 10 Chloroethane                     | 64  | 2.465     | 2.465         | 0.000         | 100 | 528970   | 12.5         | 11.6           |       |
| 11 Dichlorofluoromethane            | 67  | 2.678     | 2.678         | 0.000         | 97  | 1355840  | 12.5         | 11.1           |       |
| 12 Trichlorofluoromethane           | 101 | 2.763     | 2.763         | 0.000         | 97  | 1199601  | 12.5         | 12.8           |       |
| 13 Ethyl ether                      | 59  | 2.965     | 2.965         | 0.000         | 90  | 402900   | 12.5         | 12.6           |       |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 67  | 3.038     | 3.038         | 0.000         | 93  | 834579   | 12.5         | 11.9           |       |
| 16 Acrolein                         | 56  | 3.117     | 3.117         | 0.000         | 99  | 2384236  | 609.9        | 644.4          |       |
| 17 1,1-Dichloroethene               | 96  | 3.245     | 3.245         | 0.000         | 98  | 593626   | 12.5         | 12.5           |       |
| 19 Acetone                          | 43  | 3.282     | 3.282         | 0.000         | 57  | 560877   | 125.0        | 123.5          |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 3.282     | 3.282         | 0.000         | 92  | 628847   | 12.5         | 13.5           |       |
| 20 Iodomethane                      | 142 | 3.422     | 3.422         | 0.000         | 99  | 1102694  | 12.5         | 12.1           |       |
| 22 Ethyl bromide                    | 108 | 3.446     | 3.446         | 0.000         | 98  | 529181   | 12.5         | 13.2           |       |
| 23 Carbon disulfide                 | 76  | 3.525     | 3.525         | 0.000         | 99  | 1751360  | 12.5         | 12.0           |       |
| 24 Methyl acetate                   | 43  | 3.660     | 3.660         | 0.000         | 23  | 132282   | 12.5         | 12.2           | M     |
| 25 3-Chloro-1-propene               | 41  | 3.672     | 3.672         | 0.000         | 93  | 985331   | 12.5         | 10.5           |       |
| 27 Methylene Chloride               | 84  | 3.843     | 3.843         | 0.000         | 91  | 615494   | 12.5         | 12.4           |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.867     | 3.867         | 0.000         | 97  | 63903    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  | 3.952     | 3.952         | 0.000         | 99  | 312607   | 250.0        | 224.9          |       |
| 30 Acrylonitrile                    | 53  | 4.184     | 4.184         | 0.000         | 98  | 182266   | 31.3         | 32.0           |       |
| 31 Methyl tert-butyl ether          | 73  | 4.208     | 4.208         | 0.000         | 95  | 1245372  | 12.5         | 11.4           |       |
| 33 trans-1,2-Dichloroethene         | 96  | 4.227     | 4.227         | 0.000         | 99  | 681531   | 12.5         | 13.0           |       |
| 34 Hexane                           | 57  | 4.653     | 4.653         | 0.000         | 92  | 979465   | 12.5         | 12.3           |       |
| 35 1,1-Dichloroethane               | 63  | 4.879     | 4.879         | 0.000         | 96  | 1234547  | 12.5         | 12.1           |       |
| 37 Isopropyl ether                  | 45  | 4.940     | 4.940         | 0.000         | 94  | 1933457  | 12.5         | 11.3           |       |
| 38 2-Chloro-1,3-butadiene           | 53  | 4.995     | 4.995         | 0.000         | 91  | 1035944  | 12.5         | 11.8           |       |
| 39 Tert-butyl ethyl ether           | 59  | 5.482     | 5.482         | 0.000         | 98  | 1713433  | 12.5         | 11.5           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 41 2-Butanone (MEK)                | 43  | 5.684     | 5.684         | 0.000         | 99  | 1001721  | 125.0        | 128.8          |       |
| 42 cis-1,2-Dichloroethene          | 96  | 5.726     | 5.726         | 0.000         | 82  | 729074   | 12.5         | 12.7           |       |
| 43 2,2-Dichloropropane             | 77  | 5.738     | 5.738         | 0.000         | 87  | 1046642  | 12.5         | 11.8           |       |
| 44 Propionitrile                   | 54  | 5.763     | 5.763         | 0.000         | 99  | 609380   | 250.0        | 314.5          |       |
| 46 Methacrylonitrile               | 67  | 5.982     | 5.982         | 0.000         | 91  | 1206422  | 125.0        | 154.2          |       |
| 47 Chlorobromomethane              | 128 | 6.062     | 6.062         | 0.000         | 94  | 284689   | 12.5         | 13.1           |       |
| 48 Tetrahydrofuran                 | 71  | 6.068     | 6.068         | 0.000         | 73  | 160600   | 62.5         | 73.5           |       |
| 50 Chloroform                      | 83  | 6.220     | 6.220         | 0.000         | 93  | 1182507  | 12.5         | 12.5           |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.440     | 6.440         | 0.000         | 94  | 427185   | 10.0         | 9.84           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.452     | 6.452         | 0.000         | 98  | 1083871  | 12.5         | 12.3           |       |
| 54 Cyclohexane                     | 56  | 6.555     | 6.555         | 0.000         | 90  | 1243205  | 12.5         | 11.5           |       |
| 55 1,1-Dichloropropene             | 75  | 6.665     | 6.665         | 0.000         | 96  | 1001809  | 12.5         | 12.3           |       |
| 56 Carbon tetrachloride            | 117 | 6.665     | 6.665         | 0.000         | 85  | 962616   | 12.5         | 12.9           |       |
| 57 Isobutyl alcohol                | 41  | 6.824     | 6.824         | 0.000         | 94  | 315331   | 625.0        | 580.7          |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.903         | 0.000         | 92  | 83161    | 10.0         | 10.6           |       |
| 59 Benzene                         | 78  | 6.927     | 6.927         | 0.000         | 96  | 2879357  | 12.5         | 12.4           |       |
| 60 1,2-Dichloroethane              | 62  | 7.000     | 7.000         | 0.000         | 98  | 617840   | 12.5         | 11.9           |       |
| 62 Tert-amyl methyl ether          | 73  | 7.135     | 7.135         | 0.000         | 99  | 1469044  | 12.5         | 11.4           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.348         | 0.000         | 99  | 1869580  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.366     | 7.366         | 0.000         | 91  | 961388   | 12.5         | 11.4           |       |
| 66 n-Butanol                       | 56  | 7.732     | 7.732         | 0.000         | 89  | 449843   | 1093.8       | 971.1          |       |
| 67 Trichloroethene                 | 95  | 7.836     | 7.836         | 0.000         | 99  | 762800   | 12.5         | 12.6           |       |
| 69 Methylcyclohexane               | 83  | 8.153     | 8.153         | 0.000         | 93  | 1300223  | 12.5         | 12.3           |       |
| 70 1,2-Dichloropropane             | 63  | 8.165     | 8.165         | 0.000         | 96  | 687953   | 12.5         | 12.4           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 94  | 1039347  | 12.5         | 12.3           |       |
| 72 Methyl methacrylate             | 69  | 8.275     | 8.275         | 0.000         | 91  | 221149   | 12.5         | 13.9           |       |
| 73 1,4-Dioxane                     | 88  | 8.281     | 8.281         | 0.000         | 32  | 50185    | 625.0        | 556.7          |       |
| 74 Dibromomethane                  | 93  | 8.281     | 8.281         | 0.000         | 95  | 278477   | 12.5         | 13.5           |       |
| 76 Dichlorobromomethane            | 83  | 8.525     | 8.525         | 0.000         | 99  | 796471   | 12.5         | 12.8           |       |
| 77 2-Nitropropane                  | 41  | 8.793     | 8.793         | 0.000         | 98  | 327101   | 62.5         | 66.2           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.927     | 8.927         | 0.000         | 99  | 571142   | 12.5         | 11.5           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.098     | 9.098         | 0.000         | 96  | 946215   | 12.5         | 12.4           |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  | 9.274     | 9.274         | 0.000         | 96  | 2787594  | 125.0        | 125.9          |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93  | 1890366  | 10.0         | 9.88           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98  | 1870979  | 12.5         | 12.6           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.786     | 9.786         | 0.000         | 92  | 721358   | 12.5         | 12.3           |       |
| 86 Ethyl methacrylate              | 69  | 9.860     | 9.860         | 0.000         | 89  | 500728   | 12.5         | 12.1           |       |
| 87 1,1,2-Trichloroethane           | 97  | 9.994     | 9.994         | 0.000         | 90  | 400309   | 12.5         | 12.2           |       |
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 98  | 860200   | 12.5         | 12.3           |       |
| 108 1,3-Dichloropropane            | 76  | 10.164    | 10.164        | 0.000         | 90  | 700249   | 12.5         | 12.2           |       |
| 109 2-Hexanone                     | 43  | 10.219    | 10.219        | 0.000         | 95  | 1897590  | 125.0        | 134.1          |       |
| 111 Chlorodibromomethane           | 129 | 10.384    | 10.384        | 0.000         | 90  | 531042   | 12.5         | 13.1           |       |
| 112 Ethylene Dibromide             | 107 | 10.500    | 10.500        | 0.000         | 99  | 372109   | 12.5         | 13.0           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86  | 1374668  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 1034967  | 12.5         | 11.1           |       |
| 115 Chlorobenzene                  | 112 | 10.969    | 10.969        | 0.000         | 96  | 1959674  | 12.5         | 12.5           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.061        | 0.000         | 97  | 650924   | 12.5         | 12.6           |       |
| 117 Ethylbenzene                   | 91  | 11.061    | 11.061        | 0.000         | 98  | 3661547  | 12.5         | 12.5           |       |
| 118 m-Xylene & p-Xylene            | 106 | 11.183    | 11.183        | 0.000         | 100 | 2874661  | 25.0         | 25.9           |       |
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97  | 1339383  | 12.5         | 12.7           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 95  | 2208222  | 12.5         | 13.1           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 97  | 281997   | 12.5         | 13.4           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 123 Isopropylbenzene               | 105 | 11.823    | 11.823        | 0.000         | 96 | 3684048  | 12.5         | 14.3           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.969    | 11.969        | 0.000         | 93 | 639669   | 10.0         | 9.26           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.073    | 12.073        | 0.000         | 93 | 466811   | 12.5         | 12.4           |       |
| 128 Bromobenzene                   | 156 | 12.085    | 12.085        | 0.000         | 97 | 793523   | 12.5         | 13.0           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.097    | 12.097        | 0.000         | 92 | 950377   | 125.0        | 116.1          |       |
| 130 1,2,3-Trichloropropane         | 110 | 12.115    | 12.115        | 0.000         | 80 | 128748   | 12.5         | 13.6           |       |
| 131 N-Propylbenzene                | 91  | 12.158    | 12.158        | 0.000         | 99 | 4360368  | 12.5         | 12.8           |       |
| 132 2-Chlorotoluene                | 126 | 12.231    | 12.231        | 0.000         | 97 | 831123   | 12.5         | 12.8           |       |
| 133 1,3,5-Trimethylbenzene         | 105 | 12.298    | 12.298        | 0.000         | 94 | 3044239  | 12.5         | 12.8           |       |
| 134 4-Chlorotoluene                | 126 | 12.329    | 12.329        | 0.000         | 97 | 856537   | 12.5         | 13.1           |       |
| 135 tert-Butylbenzene              | 134 | 12.542    | 12.542        | 0.000         | 93 | 696601   | 12.5         | 13.3           |       |
| 136 Pentachloroethane              | 167 | 12.573    | 12.573        | 0.000         | 93 | 459873   | 12.5         | 13.3           |       |
| 137 1,2,4-Trimethylbenzene         | 105 | 12.585    | 12.585        | 0.000         | 97 | 3124068  | 12.5         | 12.9           |       |
| 138 sec-Butylbenzene               | 105 | 12.707    | 12.707        | 0.000         | 94 | 4010862  | 12.5         | 13.1           |       |
| 139 1,3-Dichlorobenzene            | 146 | 12.804    | 12.804        | 0.000         | 98 | 1645695  | 12.5         | 13.5           |       |
| 140 4-Isopropyltoluene             | 119 | 12.816    | 12.816        | 0.000         | 97 | 3530925  | 12.5         | 13.4           |       |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 764093   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 | 12.877    | 12.877        | 0.000         | 95 | 1662765  | 12.5         | 13.2           |       |
| 143 1,2,3-Trimethylbenzene         | 120 | 12.890    | 12.890        | 0.000         | 98 | 1326362  | 12.5         | 13.0           |       |
| 144 Benzyl chloride                | 126 | 12.957    | 12.957        | 0.000         | 98 | 203560   | 12.5         | 13.7           |       |
| 145 p-Diethylbenzene               | 119 | 13.091    | 13.091        | 0.000         | 94 | 2082612  | 12.5         | 13.5           |       |
| 146 n-Butylbenzene                 | 92  | 13.109    | 13.109        | 0.000         | 98 | 1704036  | 12.5         | 13.8           |       |
| 147 1,2-Dichlorobenzene            | 146 | 13.133    | 13.133        | 0.000         | 99 | 1446129  | 12.5         | 13.6           |       |
| 148 1,2-Dibromo-3-Chloropropane    | 155 | 13.682    | 13.682        | 0.000         | 87 | 61529    | 12.5         | 12.3           |       |
| 150 1,3,5-Trichlorobenzene         | 180 | 13.810    | 13.810        | 0.000         | 98 | 1172458  | 12.5         | 13.1           |       |
| 151 1,2,4-Trichlorobenzene         | 180 | 14.231    | 14.231        | 0.000         | 94 | 882796   | 12.5         | 12.3           |       |
| 152 Hexachlorobutadiene            | 225 | 14.316    | 14.316        | 0.000         | 95 | 434636   | 12.5         | 12.2           |       |
| 153 Naphthalene                    | 128 | 14.408    | 14.408        | 0.000         | 97 | 1305329  | 12.5         | 11.1           |       |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.554    | 14.554        | 0.000         | 96 | 660723   | 12.5         | 11.2           |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

### Reagents:

MSV\_LL\_#2\_826\_00193

Amount Added: 25.00

Units: uL

MSV\_LL\_GAS826\_00292

Amount Added: 25.00

Units: uL

MSV\_LL\_#1\_826\_00179

Amount Added: 25.00

Units: uL

MSV\_LLcentISS\_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 07-Oct-2025 15:14:09

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X02.D

Injection Date: 07-Oct-2025 09:21:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: CCVIS VSTD12.5

Worklist Smp#: 3

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

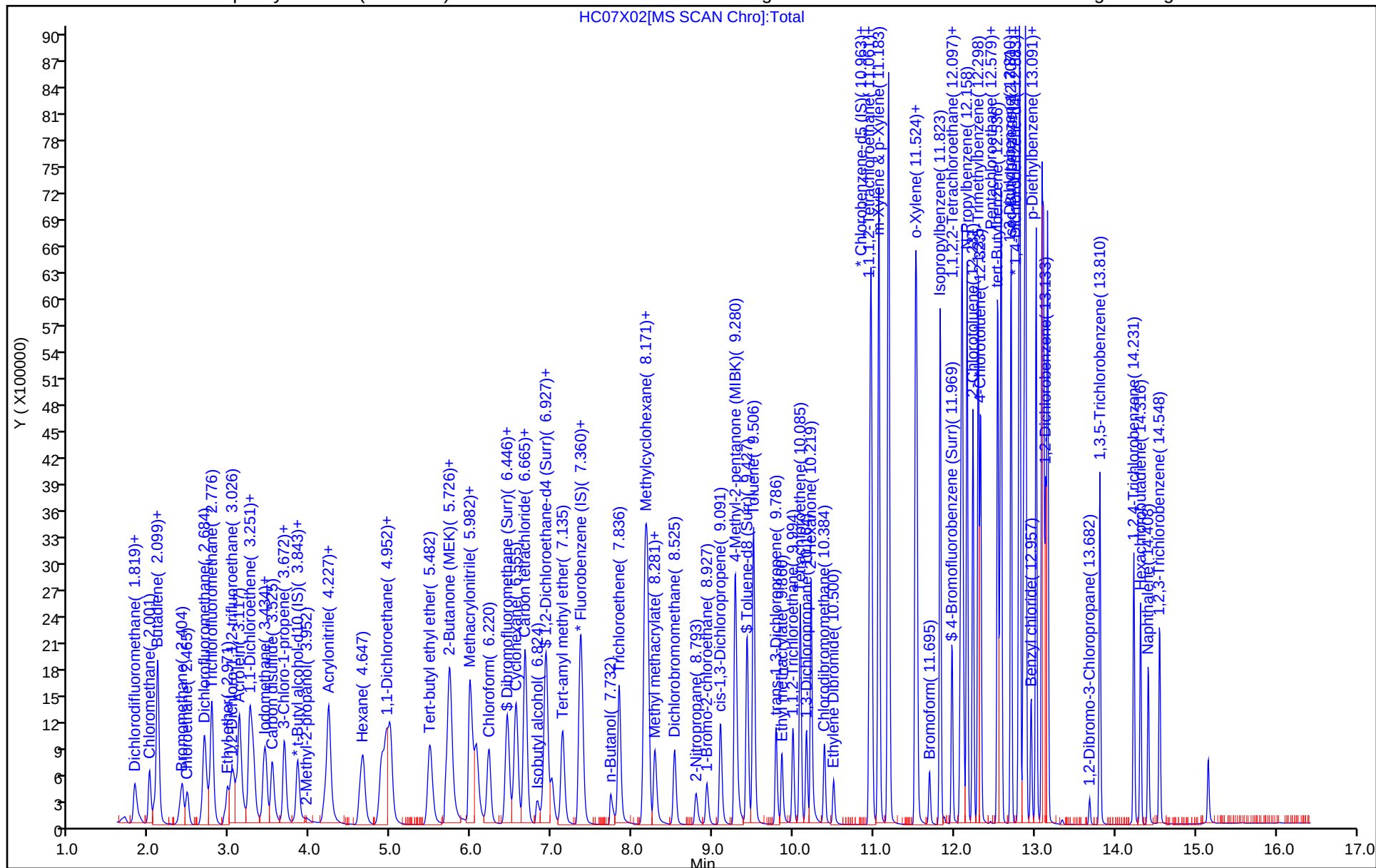
ALS Bottle#: 2

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



## Eurofins Lancaster Laboratories Environment Testing, LLC

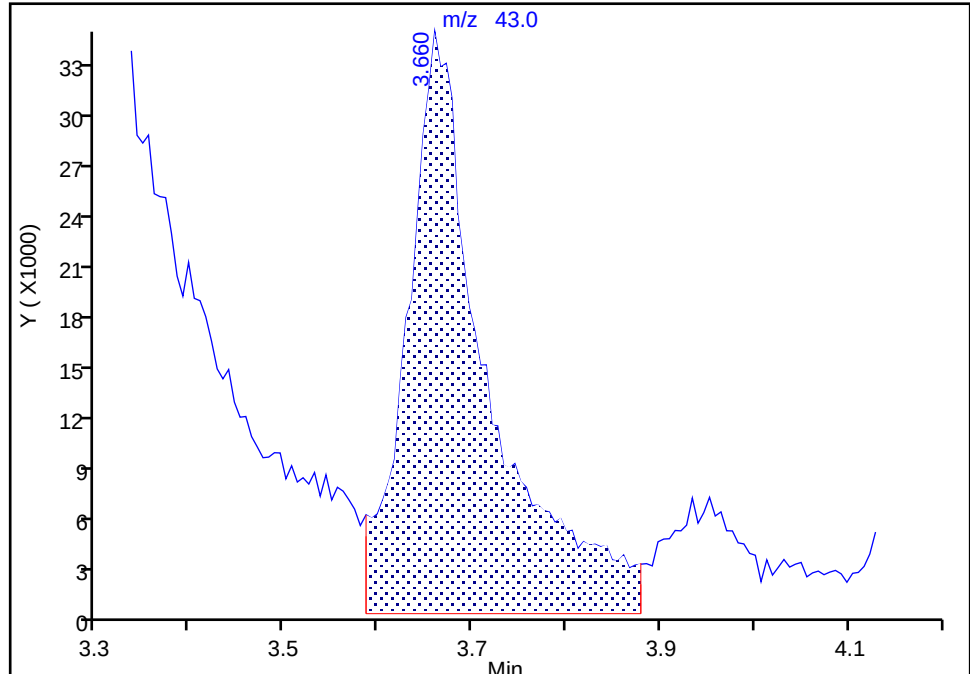
Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X02.D  
Injection Date: 07-Oct-2025 09:21:30 Instrument ID: 19094  
Lims ID: CCVIS VSTD12.5  
Client ID:  
Operator ID: ecr105096 ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**24 Methyl acetate, CAS: 79-20-9**

Signal: 1

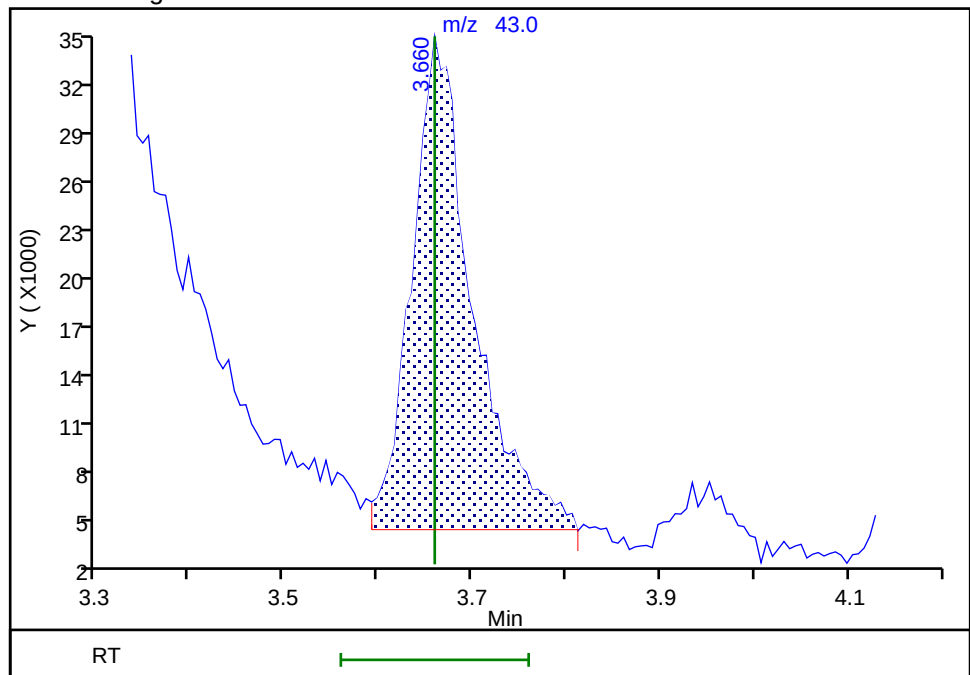
RT: 3.66  
Area: 199993  
Amount: 18.430785  
Amount Units: ug/l

## Processing Integration Results



RT: 3.66  
Area: 132282  
Amount: 12.190732  
Amount Units: ug/l

## Manual Integration Results



Reviewer: N7YK, 07-Oct-2025 09:47:32 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08T01.D  
Lims ID: bfb  
Client ID:  
Sample Type: BFB  
Inject. Date: 09-Jul-2025 03:43:30 ALS Bottle#: 1 Worklist Smp#: 1  
Injection Vol: 1.0 uL Dil. Factor: 1.0000  
Sample Info: 410-0152824-001  
Misc. Info.: BFB  
Operator ID: gaw91131 Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 11-Jul-2025 03:34:43 Calib Date: 09-Jul-2025 07:02:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1701

First Level Reviewer: JS6E

Date: 09-Jul-2025 15:38:29

| Compound | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|

|            |    |       |       |       |    |        |    |    |  |
|------------|----|-------|-------|-------|----|--------|----|----|--|
| \$ 166 BFB | 95 | 5.008 | 5.008 | 0.000 | 86 | 309484 | NR | NR |  |
|------------|----|-------|-------|-------|----|--------|----|----|--|

**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

**Reagents:**

MSV\_V\_BFB\_00019

Amount Added: 1.00

Units: uL

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08T01.D

Injection Date: 09-Jul-2025 03:43:30

Instrument ID: 19094

Lims ID: bfb

Client ID:

Operator ID: gaw91131

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

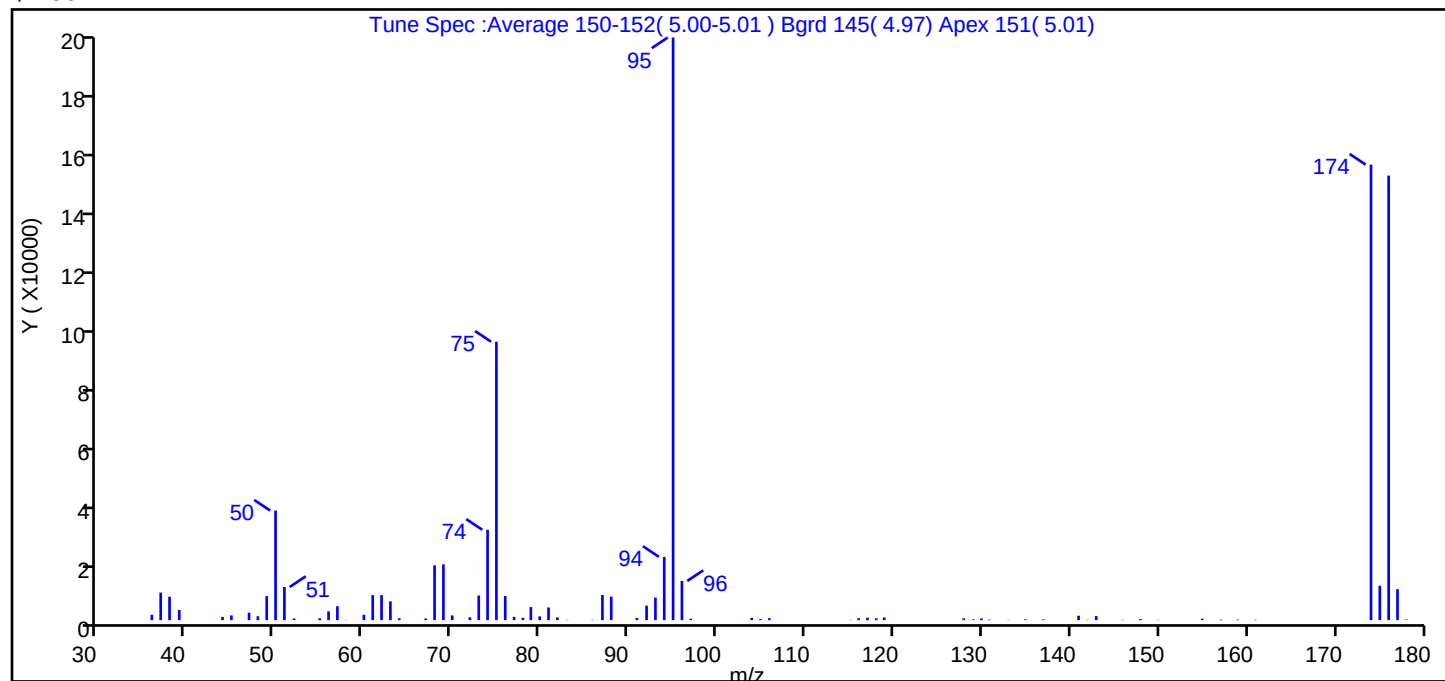
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

Tune Method: BFB Method 8260

\$ 166 BFB

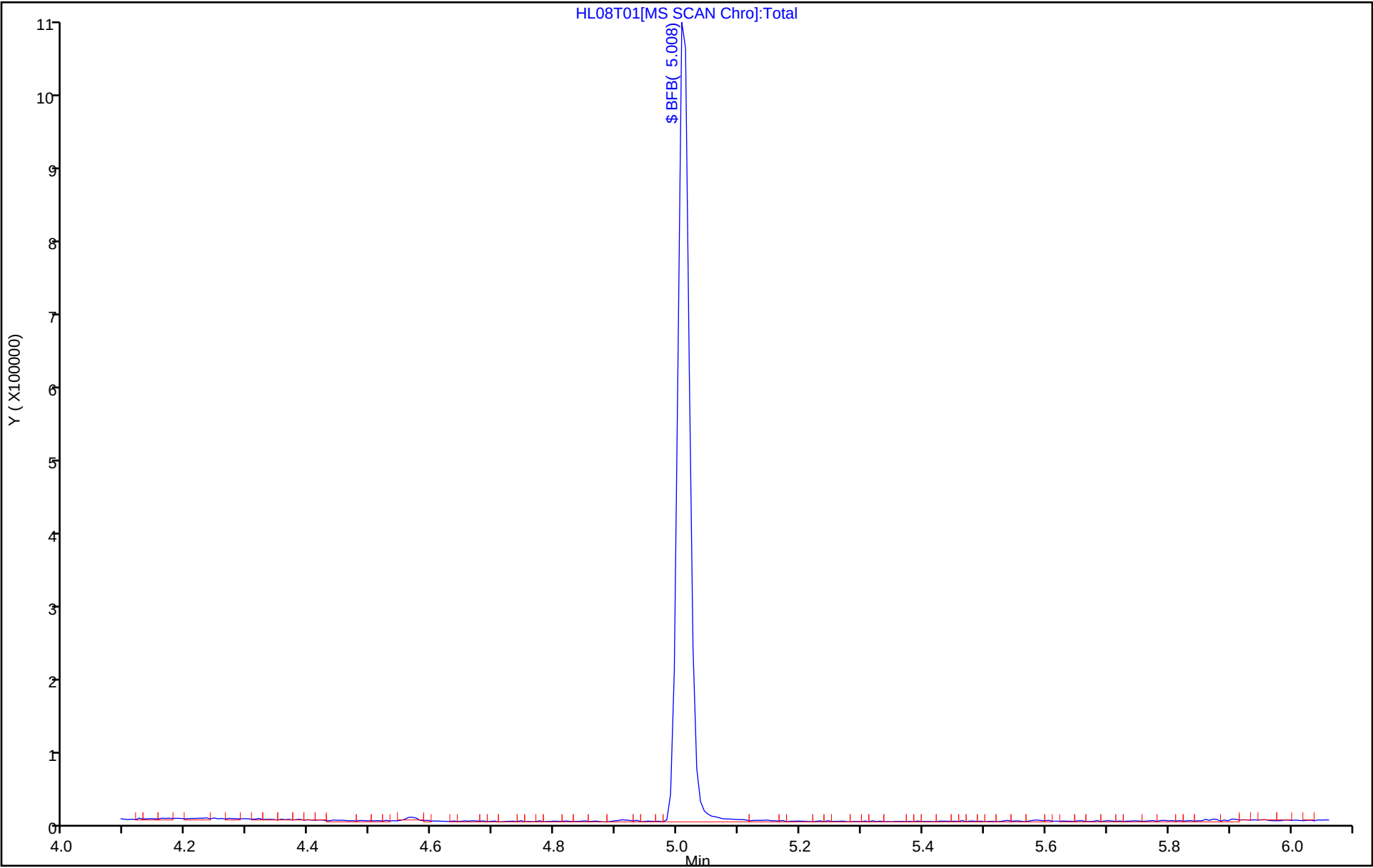


| m/z | Ion Abundance Criteria                         | % Relative Abundance |
|-----|------------------------------------------------|----------------------|
| 95  | Base peak, 100% relative abundance             | 100.0                |
| 50  | 15 to 40% of m/z 95                            | 18.8                 |
| 75  | 30 to 60% of m/z 95                            | 47.8                 |
| 96  | 5 to 9% of m/z 95                              | 6.7                  |
| 173 | Less than 2% of m/z 174                        | 0.0 (0.0)            |
| 174 | 50 to 120% of m/z 95                           | 78.2                 |
| 175 | 5 to 9% of m/z 174                             | 5.9 (7.6)            |
| 176 | Greater than 95% but less than 101% of m/z 174 | 76.3 (97.6)          |
| 177 | 5 to 9% of m/z 176                             | 5.3 (7.0)            |

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08T01.D\MSV\_19094\_25mL.rslt\spectra.d  
Injection Date: 09-Jul-2025 03:43:30  
Spectrum: Tune Spec :Average 150-152( 5.00-5.01 ) Bgrd 145( 4.97) Apex 151( 5.01)  
Base Peak: 95.00  
Minimum % Base Peak: 0  
Number of Points: 78

| m/z   | Y     | m/z   | Y     | m/z    | Y      | m/z    | Y      |
|-------|-------|-------|-------|--------|--------|--------|--------|
| 36.00 | 1829  | 63.00 | 6381  | 88.00  | 8006   | 133.00 | 88     |
| 37.00 | 9343  | 64.00 | 642   | 91.00  | 733    | 135.00 | 268    |
| 38.00 | 7964  | 67.00 | 564   | 92.00  | 4925   | 137.00 | 240    |
| 39.00 | 3468  | 68.00 | 18592 | 93.00  | 7646   | 141.00 | 1514   |
| 40.00 | 14    | 69.00 | 18944 | 94.00  | 21472  | 142.00 | 104    |
| 44.00 | 1071  | 70.00 | 1602  | 95.00  | 197696 | 143.00 | 1377   |
| 45.00 | 1609  | 72.00 | 974   | 96.00  | 13292  | 146.00 | 109    |
| 47.00 | 2533  | 73.00 | 8357  | 97.00  | 478    | 148.00 | 363    |
| 48.00 | 1331  | 74.00 | 30664 | 104.00 | 767    | 150.00 | 99     |
| 49.00 | 8164  | 75.00 | 94472 | 105.00 | 330    | 155.00 | 495    |
| 50.00 | 37168 | 76.00 | 8177  | 106.00 | 653    | 157.00 | 192    |
| 51.00 | 11252 | 77.00 | 1105  | 115.00 | 83     | 159.00 | 189    |
| 52.00 | 561   | 78.00 | 798   | 116.00 | 665    | 161.00 | 139    |
| 55.00 | 649   | 79.00 | 4439  | 117.00 | 840    | 174.00 | 154560 |
| 56.00 | 2986  | 80.00 | 1267  | 118.00 | 632    | 175.00 | 11683  |
| 57.00 | 4713  | 81.00 | 4296  | 119.00 | 912    | 176.00 | 150848 |
| 58.00 | 87    | 82.00 | 925   | 128.00 | 628    | 177.00 | 10498  |
| 60.00 | 1815  | 83.00 | 104   | 129.00 | 261    | 178.00 | 216    |
| 61.00 | 8485  | 86.00 | 112   | 130.00 | 573    |        |        |
| 62.00 | 8499  | 87.00 | 8541  | 131.00 | 190    |        |        |





Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02T01.D  
Lims ID: BFB  
Client ID:  
Sample Type: BFB  
Inject. Date: 02-Oct-2025 18:07:30 ALS Bottle#: 1 Worklist Smp#: 1  
Injection Vol: 1.0 uL Dil. Factor: 1.0000  
Sample Info: 410-0161816-001  
Misc. Info.: BFB  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 02-Oct-2025 22:14:18 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1632

| Compound   | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|------------|-----|--------------|------------------|------------------|----|----------|-----------------|-------------------|-------|
| \$ 167 BFB | 95  | 5.007        | 5.007            | 0.000            | 91 | 363318   | NR              | NR                |       |

**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

**Reagents:**

MSV\_V\_BFB\_00019

Amount Added: 1.00

Units: uL

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02T01.D

Injection Date: 02-Oct-2025 18:07:30

Instrument ID: 19094

Lims ID: BFB

Client ID:

Operator ID: hr3z

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

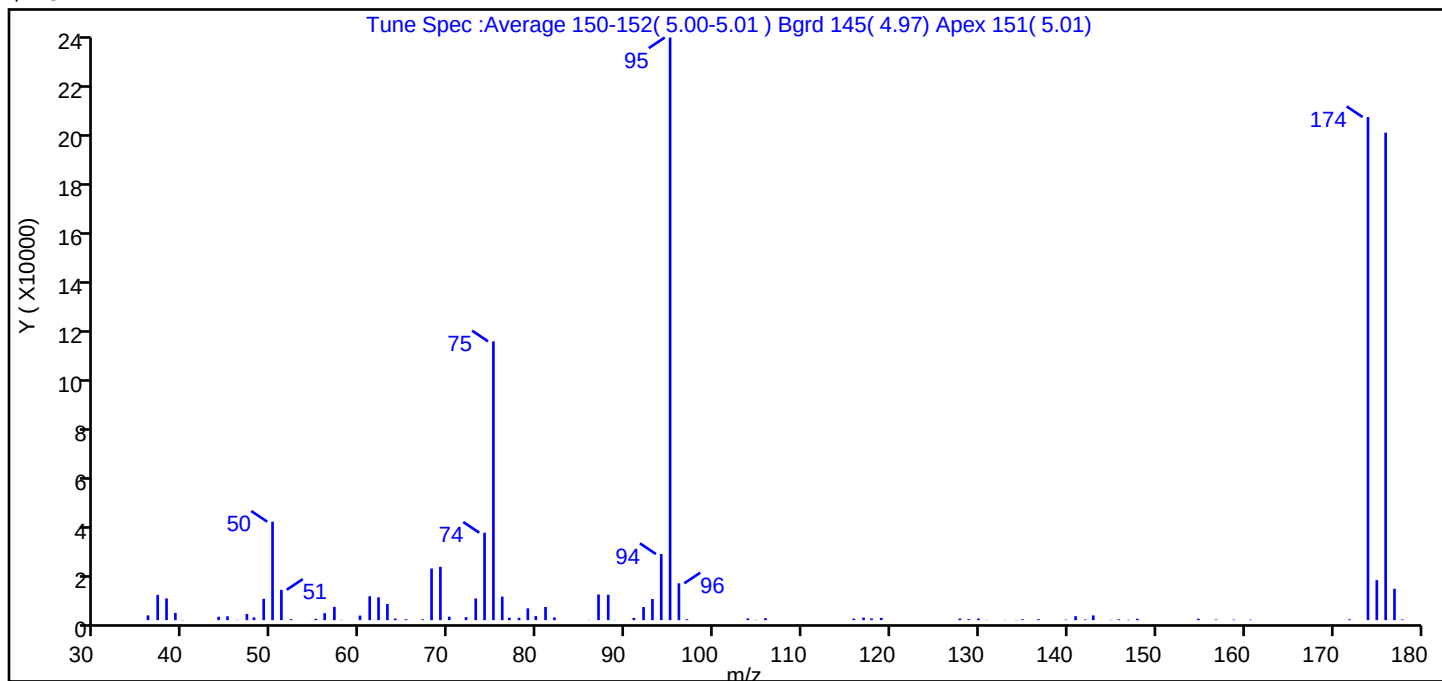
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

Tune Method: BFB Method 8260

\$ 167 BFB



| m/z | Ion Abundance Criteria                         | % Relative Abundance |
|-----|------------------------------------------------|----------------------|
| 95  | Base peak, 100% relative abundance             | 100.0                |
| 50  | 15 to 40% of m/z 95                            | 16.9                 |
| 75  | 30 to 60% of m/z 95                            | 47.8                 |
| 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                           | 86.3                 |
| 175 | 5 to 9% of m/z 174                             | 6.9 (8.0)            |
| 176 | Greater than 95% but less than 101% of m/z 174 | 83.7 (96.9)          |
| 177 | 5 to 9% of m/z 176                             | 5.4 (6.4)            |

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02T01.D\MSV\_19094\_25mL.rslt\spectra.d  
 Injection Date: 02-Oct-2025 18:07:30  
 Spectrum: Tune Spec :Average 150-152( 5.00-5.01 ) Bgrd 145( 4.97) Apex 151( 5.01)  
 Base Peak: 95.00  
 Minimum % Base Peak: 0  
 Number of Points: 83

| m/z   | Y     | m/z   | Y      | m/z    | Y      | m/z    | Y      |
|-------|-------|-------|--------|--------|--------|--------|--------|
| 36.00 | 1928  | 63.00 | 6505   | 89.00  | 97     | 135.00 | 329    |
| 37.00 | 10163 | 64.00 | 642    | 91.00  | 909    | 137.00 | 372    |
| 38.00 | 8733  | 65.00 | 369    | 92.00  | 5268   | 140.00 | 210    |
| 39.00 | 2910  | 67.00 | 325    | 93.00  | 8496   | 141.00 | 1592   |
| 40.00 | 88    | 68.00 | 20744  | 94.00  | 26584  | 142.00 | 266    |
| 44.00 | 1355  | 69.00 | 21432  | 95.00  | 234240 | 143.00 | 1903   |
| 45.00 | 1556  | 70.00 | 1401   | 96.00  | 14798  | 145.00 | 110    |
| 46.00 | 95    | 72.00 | 1191   | 97.00  | 350    | 146.00 | 328    |
| 47.00 | 2479  | 73.00 | 8710   | 104.00 | 681    | 147.00 | 167    |
| 48.00 | 1120  | 74.00 | 35160  | 105.00 | 113    | 148.00 | 550    |
| 49.00 | 8574  | 75.00 | 112080 | 106.00 | 776    | 155.00 | 561    |
| 50.00 | 39584 | 76.00 | 9466   | 116.00 | 595    | 157.00 | 245    |
| 51.00 | 12196 | 77.00 | 982    | 117.00 | 1011   | 159.00 | 215    |
| 52.00 | 396   | 78.00 | 965    | 118.00 | 706    | 161.00 | 205    |
| 55.00 | 532   | 79.00 | 4729   | 119.00 | 918    | 172.00 | 341    |
| 56.00 | 2800  | 80.00 | 1640   | 128.00 | 636    | 174.00 | 202240 |
| 57.00 | 5355  | 81.00 | 5306   | 129.00 | 384    | 175.00 | 16092  |
| 58.00 | 104   | 82.00 | 1078   | 130.00 | 624    | 176.00 | 195968 |
| 60.00 | 1841  | 86.00 | 90     | 131.00 | 100    | 177.00 | 12624  |
| 61.00 | 9613  | 87.00 | 10321  | 133.00 | 89     | 178.00 | 269    |
| 62.00 | 9154  | 88.00 | 10192  | 134.00 | 84     |        |        |

Report Date: 02-Oct-2025 22:14:18

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02T01.D

Injection Date: 02-Oct-2025 18:07:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

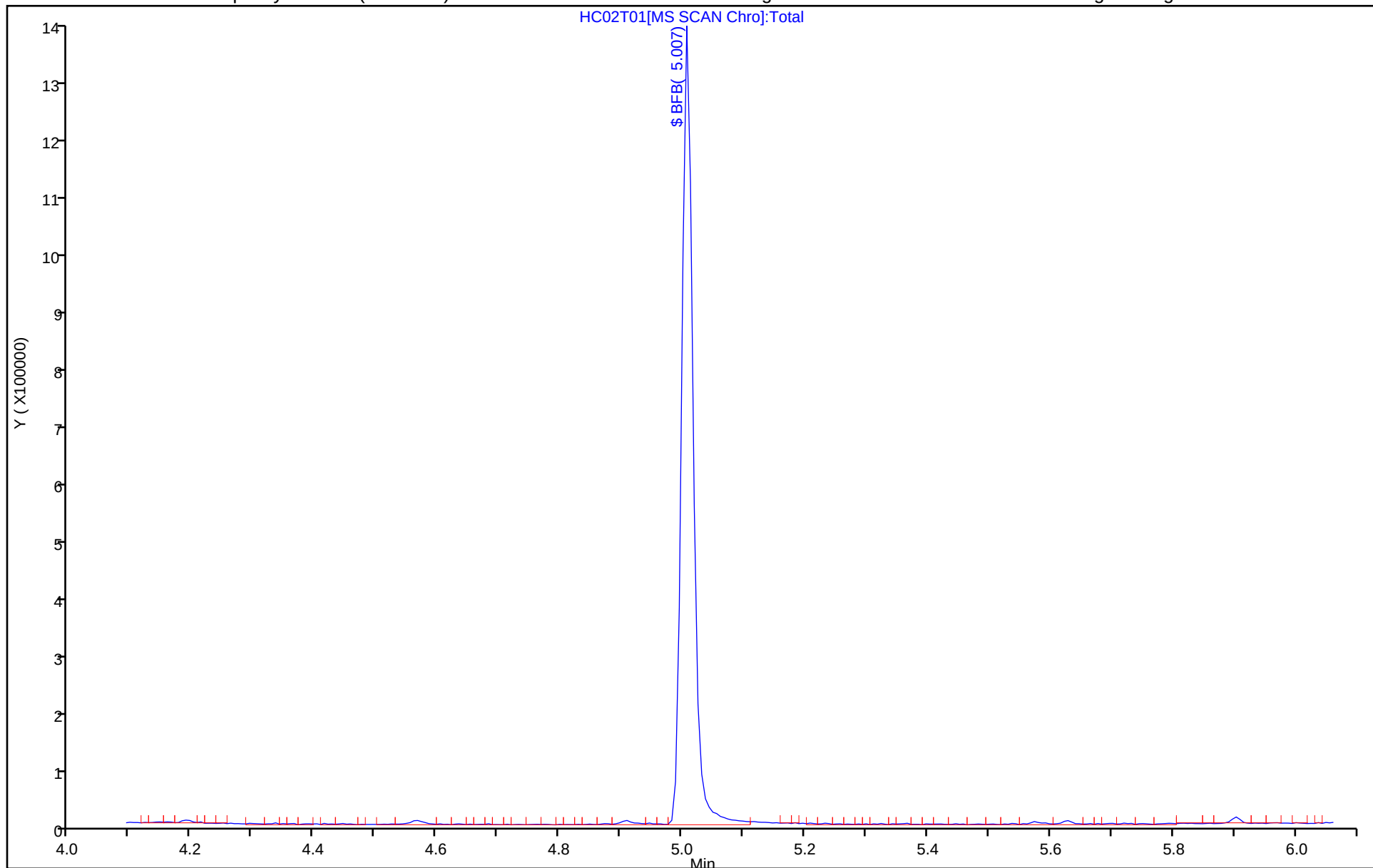
ALS Bottle#: 1

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07T01.D  
Lims ID: BFB  
Client ID:  
Sample Type: BFB  
Inject. Date: 07-Oct-2025 08:45:30 ALS Bottle#: 1 Worklist Smp#: 1  
Injection Vol: 1.0 uL Dil. Factor: 1.0000  
Sample Info: 410-0162228-001  
Misc. Info.: BFB  
Operator ID: ecr105096 Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 07-Oct-2025 15:13:08 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 08:59:01

| Compound | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|

|            |    |       |       |       |    |        |    |    |  |
|------------|----|-------|-------|-------|----|--------|----|----|--|
| \$ 167 BFB | 95 | 5.007 | 5.007 | 0.000 | 89 | 257195 | NR | NR |  |
|------------|----|-------|-------|-------|----|--------|----|----|--|

**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

**Reagents:**

MSV\_V\_BFB\_00019

Amount Added: 1.00

Units: uL

## Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07T01.D

Injection Date: 07-Oct-2025 08:45:30

Instrument ID: 19094

Lims ID: BFB

Client ID:

Operator ID: ecr105096

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

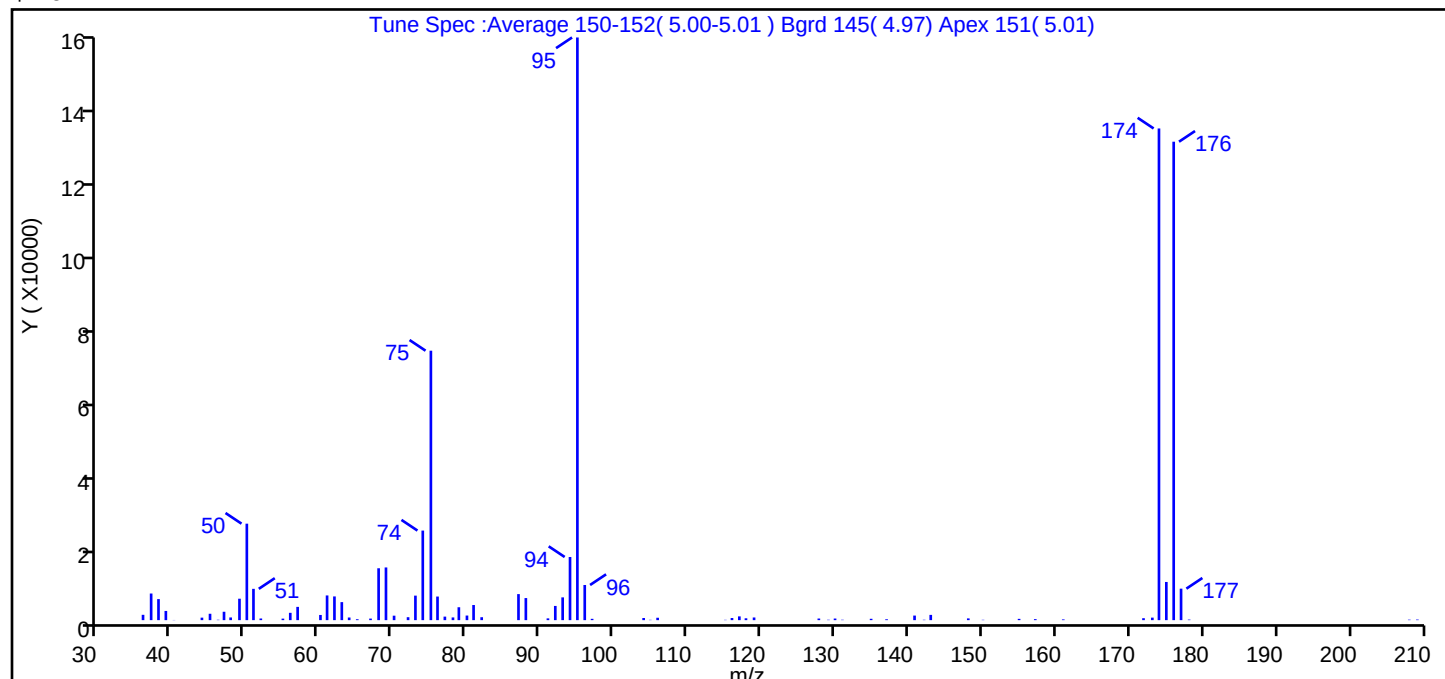
Dil. Factor: 1.0000

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

Tune Method: BFB Method 8260

\$ 167 BFB



| m/z | Ion Abundance Criteria                         | % Relative Abundance |
|-----|------------------------------------------------|----------------------|
| 95  | Base peak, 100% relative abundance             | 100.0                |
| 50  | 15 to 40% of m/z 95                            | 16.6                 |
| 75  | 30 to 60% of m/z 95                            | 46.2                 |
| 96  | 5 to 9% of m/z 95                              | 6.0                  |
| 173 | Less than 2% of m/z 174                        | 0.4 (0.5)            |
| 174 | 50 to 120% of m/z 95                           | 84.4                 |
| 175 | 5 to 9% of m/z 174                             | 6.6 (7.8)            |
| 176 | Greater than 95% but less than 101% of m/z 174 | 82.1 (97.3)          |
| 177 | 5 to 9% of m/z 176                             | 5.4 (6.6)            |

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07T01.D\MSV\_19094\_25mL.rslt\spectra.d  
Injection Date: 07-Oct-2025 08:45:30  
Spectrum: Tune Spec :Average 150-152( 5.00-5.01 ) Bgrd 145( 4.97) Apex 151( 5.01)  
Base Peak: 95.00  
Minimum % Base Peak: 0  
Number of Points: 78

| m/z   | Y     | m/z   | Y     | m/z    | Y      | m/z    | Y      |
|-------|-------|-------|-------|--------|--------|--------|--------|
| 36.00 | 1439  | 63.00 | 4866  | 91.00  | 477    | 137.00 | 237    |
| 37.00 | 7192  | 64.00 | 713   | 92.00  | 3837   | 141.00 | 1235   |
| 38.00 | 5684  | 65.00 | 244   | 93.00  | 6149   | 142.00 | 104    |
| 39.00 | 2483  | 67.00 | 423   | 94.00  | 17056  | 143.00 | 1420   |
| 40.00 | 46    | 68.00 | 14012 | 95.00  | 157376 | 148.00 | 471    |
| 44.00 | 676   | 69.00 | 14232 | 96.00  | 9494   | 150.00 | 91     |
| 45.00 | 1723  | 70.00 | 1205  | 97.00  | 356    | 155.00 | 347    |
| 46.00 | 104   | 72.00 | 795   | 104.00 | 577    | 157.00 | 268    |
| 47.00 | 2266  | 73.00 | 6620  | 105.00 | 85     | 161.00 | 197    |
| 48.00 | 724   | 74.00 | 24192 | 106.00 | 645    | 172.00 | 525    |
| 49.00 | 5788  | 75.00 | 72776 | 115.00 | 84     | 173.00 | 680    |
| 50.00 | 26056 | 76.00 | 6374  | 116.00 | 575    | 174.00 | 132800 |
| 51.00 | 8455  | 77.00 | 951   | 117.00 | 1018   | 175.00 | 10312  |
| 52.00 | 447   | 78.00 | 731   | 118.00 | 502    | 176.00 | 129224 |
| 55.00 | 410   | 79.00 | 3485  | 119.00 | 720    | 177.00 | 8506   |
| 56.00 | 1977  | 80.00 | 1242  | 128.00 | 435    | 178.00 | 150    |
| 57.00 | 3582  | 81.00 | 4086  | 129.00 | 107    | 208.00 | 129    |
| 60.00 | 1398  | 82.00 | 791   | 130.00 | 434    | 209.00 | 158    |
| 61.00 | 6671  | 87.00 | 7033  | 131.00 | 107    |        |        |
| 62.00 | 6405  | 88.00 | 5963  | 135.00 | 365    |        |        |



Report Date: 07-Oct-2025 15:13:08

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07T01.D

Injection Date: 07-Oct-2025 08:45:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

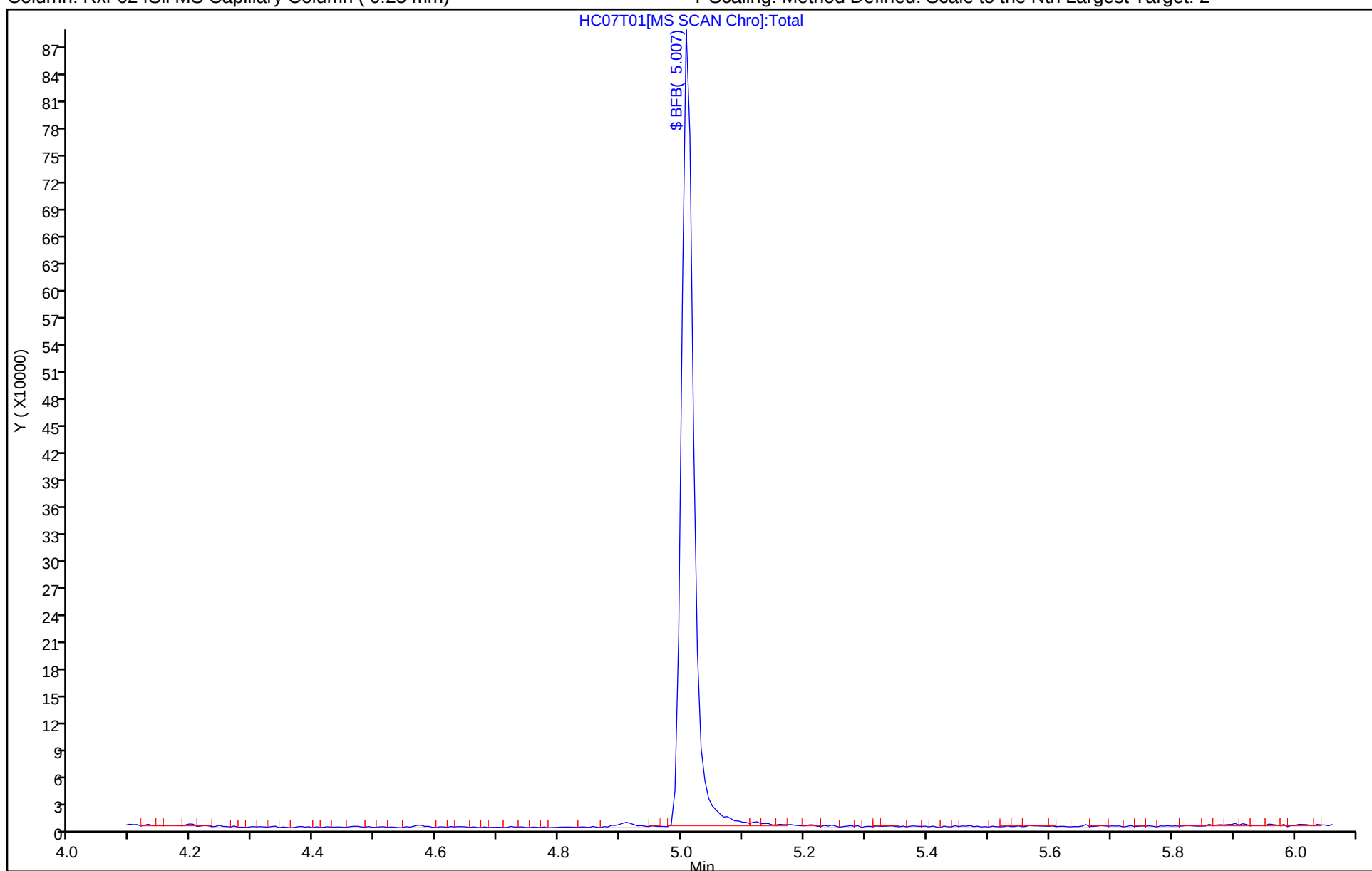
ALS Bottle#: 1

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-708376/7

Matrix: Water

Lab File ID: HC02X06.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 20:11

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

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

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: \_\_\_\_\_      Lab Sample ID: MB 410-708376/7

Matrix: Water      Lab File ID: HC02X06.D

Analysis Method: 8260D      Date Collected: \_\_\_\_\_

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 20:11

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

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

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 99   |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 92   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 100  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 96   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X06.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 02-Oct-2025 20:11:30 ALS Bottle#: 6 Worklist Smp#: 7  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-007  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 02-Oct-2025 22:13:17 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1632

First Level Reviewer: HR3Z

Date: 02-Oct-2025 20:52:20

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|---|----------|--------------|----------------|-------|
| 1 Chlorotrifluoroethene             | 116 |           | 1.782         |               |   |          |              | ND             |       |
| 2 Dichlorodifluoromethane           | 85  |           | 1.812         |               |   |          |              | ND             |       |
| 3 Chlorodifluoromethane             | 51  |           | 1.837         |               |   |          |              | ND             | 7     |
| 4 Dimethyl ether                    | 45  |           | 1.892         |               |   |          |              | ND             |       |
| 5 Chloromethane                     | 50  |           | 1.995         |               |   |          |              | ND             |       |
| 6 Butadiene                         | 39  |           | 2.093         |               |   |          |              | ND             | 7     |
| 7 Vinyl chloride                    | 62  |           | 2.105         |               |   |          |              | ND             |       |
| 8 2-Chloro-1,1,1-Trifluoroethane    | 118 |           | 2.160         |               |   |          |              | ND             |       |
| 9 Bromomethane                      | 94  |           | 2.404         |               |   |          |              | ND             |       |
| 10 Chloroethane                     | 64  |           | 2.465         |               |   |          |              | ND             |       |
| 11 Dichlorofluoromethane            | 67  |           | 2.678         |               |   |          |              | ND             |       |
| 12 Trichlorofluoromethane           | 101 |           | 2.757         |               |   |          |              | ND             |       |
| 13 Ethyl ether                      | 59  |           | 2.959         |               |   |          |              | ND             |       |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 67  |           | 3.026         |               |   |          |              | ND             |       |
| 15 Ethanol                          | 45  |           | 3.111         |               |   |          |              | ND             |       |
| 16 Acrolein                         | 56  |           | 3.111         |               |   |          |              | ND             |       |
| 17 1,1-Dichloroethene               | 96  |           | 3.239         |               |   |          |              | ND             |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 |           | 3.276         |               |   |          |              | ND             |       |
| 19 Acetone                          | 43  |           | 3.282         |               |   |          |              | ND             |       |
| 20 Iodomethane                      | 142 |           | 3.416         |               |   |          |              | ND             |       |
| 22 Ethyl bromide                    | 108 |           | 3.446         |               |   |          |              | ND             |       |
| 23 Carbon disulfide                 | 76  |           | 3.519         |               |   |          |              | ND             | 7     |
| 24 Methyl acetate                   | 43  |           | 3.660         |               |   |          |              | ND             |       |
| 25 3-Chloro-1-propene               | 41  |           | 3.672         |               |   |          |              | ND             |       |
| 26 Acetonitrile                     | 41  |           | 3.696         |               |   |          |              | ND             |       |
| 27 Methylene Chloride               | 84  |           | 3.836         |               |   |          |              | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.861     | 3.873         | -0.012        | 0 | 65933    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  |           | 3.958         |               |   |          |              | ND             |       |
| 30 Acrylonitrile                    | 53  |           | 4.178         |               |   |          |              | ND             |       |
| 31 Methyl tert-butyl ether          | 73  |           | 4.208         |               |   |          |              | ND             |       |
| 33 trans-1,2-Dichloroethene         | 96  |           | 4.221         |               |   |          |              | ND             |       |
| 34 Hexane                           | 57  |           | 4.641         |               |   |          |              | ND             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 35 1,1-Dichloroethane              | 63  |           | 4.873         |               |    |          |              | ND             |       |
| 36 Vinyl acetate                   | 43  |           | 4.885         |               |    |          |              | ND             |       |
| 37 Isopropyl ether                 | 45  |           | 4.934         |               |    |          |              | ND             |       |
| 38 2-Chloro-1,3-butadiene          | 53  |           | 4.989         |               |    |          |              | ND             |       |
| 39 Tert-butyl ethyl ether          | 59  |           | 5.482         |               |    |          |              | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          |              | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  |           | 5.720         |               |    |          |              | ND             |       |
| 43 2,2-Dichloropropane             | 77  |           | 5.732         |               |    |          |              | ND             |       |
| 44 Propionitrile                   | 54  |           | 5.769         |               |    |          |              | ND             |       |
| 45 Ethyl acetate                   | 43  |           | 5.793         |               |    |          |              | ND             |       |
| 46 Methacrylonitrile               | 67  |           | 5.982         |               |    |          |              | ND             |       |
| 47 Chlorobromomethane              | 128 |           | 6.056         |               |    |          |              | ND             |       |
| 48 Tetrahydrofuran                 | 71  |           | 6.086         |               |    |          |              | ND             |       |
| S 49 1,2-Dichloroethene, Total     | 100 |           | 6.155         |               |    |          |              | ND             | 7     |
| 50 Chloroform                      | 83  |           | 6.214         |               |    |          |              | ND             |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.434     | 6.434         | 0.000         | 94 | 376438   | 10.0         | 10.0           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.446         |               |    |          |              | ND             |       |
| 53 Methyl acrylate                 | 55  |           | 6.482         |               |    |          |              | ND             |       |
| 54 Cyclohexane                     | 56  |           | 6.555         |               |    |          |              | ND             |       |
| 55 1,1-Dichloropropene             | 75  |           | 6.665         |               |    |          |              | ND             |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          |              | ND             |       |
| 57 Isobutyl alcohol                | 41  |           | 6.818         |               |    |          |              | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 0  | 67353    | 10.0         | 9.91           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          |              | ND             |       |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          |              | ND             |       |
| 61 Isopropyl acetate               | 43  |           | 7.031         |               |    |          |              | ND             |       |
| 62 Tert-amyl methyl ether          | 73  |           | 7.129         |               |    |          |              | ND             |       |
| 63 1-Chlorobutane                  | 56  | 7.336     | 7.250         | 0.086         | 0  | 4135     |              | NC             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.342         | 0.000         | 99 | 1615295  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  |           | 7.366         |               |    |          |              | ND             | U     |
| 66 n-Butanol                       | 56  |           | 7.732         |               |    |          |              | ND             |       |
| 67 Trichloroethene                 | 95  |           | 7.836         |               |    |          |              | ND             |       |
| 68 t-Amyl alcohol                  | 73  |           | 7.842         |               |    |          |              | ND             |       |
| 69 Methylcyclohexane               | 83  |           | 8.153         |               |    |          |              | ND             |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.171         |               |    |          |              | ND             |       |
| 71 2-ethoxy-2-methyl butane        | 87  |           | 8.189         |               |    |          |              | ND             |       |
| 72 Methyl methacrylate             | 69  |           | 8.275         |               |    |          |              | ND             |       |
| 73 1,4-Dioxane                     | 88  |           | 8.275         |               |    |          |              | ND             |       |
| 74 Dibromomethane                  | 93  |           | 8.281         |               |    |          |              | ND             |       |
| 75 n-Propyl acetate                | 61  |           | 8.366         |               |    |          |              | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          |              | ND             |       |
| 77 2-Nitropropane                  | 41  |           | 8.793         |               |    |          |              | ND             |       |
| 78 2-Chloroethyl vinyl ether       | 63  |           | 8.908         |               |    |          |              | ND             |       |
| 79 1-Bromo-2-chloroethane          | 63  |           | 8.927         |               |    |          |              | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          |              | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.281         |               |    |          |              | ND             |       |
| 83 Chloroacetonitrile              | 75  |           | 9.427         |               |    |          |              | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1673275  | 10.0         | 9.56           |       |
| 84 Toluene                         | 92  |           | 9.506         |               |    |          |              | ND             | 7     |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.787         |               |    |          |              | ND             |       |
| 86 Ethyl methacrylate              | 69  |           | 9.860         |               |    |          |              | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          |              | ND             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| S 106 1,3-Dichloropropene, Total   | 100 |           | 10.060        |               |    |          |              | ND             | 7     |
| 107 Tetrachloroethene              | 166 |           | 10.085        |               |    |          |              | ND             |       |
| 108 1,3-Dichloropropane            | 76  |           | 10.165        |               |    |          |              | ND             |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          |              | ND             |       |
| 110 n-Butyl acetate                | 43  |           | 10.359        |               |    |          |              | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.390        |               |    |          |              | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          |              | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1258352  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  |           | 10.963        |               |    |          |              | ND             | 7     |
| 115 Chlorobenzene                  | 112 |           | 10.975        |               |    |          |              | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          |              | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.067        |               |    |          |              | ND             |       |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          |              | ND             |       |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          |              | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          |              | ND             |       |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          |              | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          |              | ND             |       |
| 123 Isopropylbenzene               | 105 |           | 11.823        |               |    |          |              | ND             | 7     |
| 124 cis-1,4-Dichloro-2-butene      | 88  |           | 11.871        |               |    |          |              | ND             | U     |
| 125 Cyclohexanone                  | 55  |           | 11.902        |               |    |          |              | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 94 | 582396   | 10.0         | 9.21           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          |              | ND             |       |
| 128 Bromobenzene                   | 156 |           | 12.085        |               |    |          |              | ND             |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  |           | 12.097        |               |    |          |              | ND             |       |
| 130 1,2,3-Trichloropropane         | 110 |           | 12.121        |               |    |          |              | ND             |       |
| 131 N-Propylbenzene                | 91  |           | 12.158        |               |    |          |              | ND             | 7     |
| 132 2-Chlorotoluene                | 126 |           | 12.231        |               |    |          |              | ND             |       |
| 133 1,3,5-Trimethylbenzene         | 105 |           | 12.298        |               |    |          |              | ND             | 7     |
| 134 4-Chlorotoluene                | 126 |           | 12.329        |               |    |          |              | ND             |       |
| 135 tert-Butylbenzene              | 134 |           | 12.542        |               |    |          |              | ND             |       |
| 136 Pentachloroethane              | 167 |           | 12.573        |               |    |          |              | ND             |       |
| 137 1,2,4-Trimethylbenzene         | 105 |           | 12.585        |               |    |          |              | ND             |       |
| 138 sec-Butylbenzene               | 105 |           | 12.707        |               |    |          |              | ND             | 7     |
| 139 1,3-Dichlorobenzene            | 146 |           | 12.804        |               |    |          |              | ND             | 7     |
| 140 4-Isopropyltoluene             | 119 |           | 12.816        |               |    |          |              | ND             | 7     |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 683617   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 |           | 12.877        |               |    |          |              | ND             | 7     |
| 143 1,2,3-Trimethylbenzene         | 120 |           | 12.890        |               |    |          |              | ND             | 7     |
| 144 Benzyl chloride                | 126 |           | 12.957        |               |    |          |              | ND             |       |
| 145 p-Diethylbenzene               | 119 | 13.115    | 13.091        | 0.024         | 1  | 1606     |              | 0.0117         |       |
| 146 n-Butylbenzene                 | 92  |           | 13.109        |               |    |          |              | ND             | 7     |
| 147 1,2-Dichlorobenzene            | 146 |           | 13.140        |               |    |          |              | ND             |       |
| 149 Hexachloroethane               | 201 |           | 13.682        |               |    |          |              | ND             |       |
| 148 1,2-Dibromo-3-Chloropropane    | 155 |           | 13.682        |               |    |          |              | ND             |       |
| 150 1,3,5-Trichlorobenzene         | 180 |           | 13.810        |               |    |          |              | ND             | 7     |
| 151 1,2,4-Trichlorobenzene         | 180 |           | 14.231        |               |    |          |              | ND             | 7     |
| 152 Hexachlorobutadiene            | 225 | 14.322    | 14.316        | 0.006         | 89 | 2833     |              | 0.0891         |       |
| 153 Naphthalene                    | 128 |           | 14.414        |               |    |          |              | ND             | 7     |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.572    | 14.554        | 0.018         | 92 | 2757     |              | 0.0522         |       |
| 155 tert-Butyl Formate             | 1   |           | 0.000         |               |    |          |              | ND             |       |
| 156 Dodecane                       | 57  |           | 0.000         |               |    |          |              | ND             |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          |              | ND             |       |

| Compound                             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|--------------------------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| 158 1,1-Dichloroacetone              | 1   |              | 0.000            |                  |   |          |                 | ND                |       |
| 159 n-Decane                         | 57  |              | 0.000            |                  |   |          |                 | ND                |       |
| 160 1-Bromo-3-Chloropropane          | 1   |              | 0.000            |                  |   |          |                 | ND                |       |
| 161 1-Chloropropane                  | 1   |              | 0.000            |                  |   |          |                 | ND                |       |
| 162 Propene oxide                    | 1   |              | 0.000            |                  |   |          |                 | ND                |       |
| 163 1,1-Dichloro-1-fluoroethane      | 1   |              | 0.000            |                  |   |          |                 | ND                |       |
| 164 Methylal                         | 1   |              | 0.000            |                  |   |          |                 | ND                |       |
| 165 2-Bromo-1-chloropropane          | 1   |              | 0.000            |                  |   |          |                 | ND                |       |
| 166 1,1-Dichloro-1-fluoroethane TIC1 |     |              | 0.000            |                  |   |          |                 | ND                |       |
| 210 Ethyl acrylate                   | 55  |              | 0.000            |                  |   |          |                 | ND                |       |

### QC Flag Legend

#### Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

#### Review Flags

U - Marked Undetected

### Reagents:

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 02-Oct-2025 22:14:12

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X06.D

Injection Date: 02-Oct-2025 20:11:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2





Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X06.D  
Lims ID: MB  
Client ID:  
Sample Type: MB  
Inject. Date: 02-Oct-2025 20:11:30 ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-007  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 02-Oct-2025 22:13:17 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1632

First Level Reviewer: HR3Z

Date: 02-Oct-2025 20:52:20

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.0             | 100.41 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 9.91             | 99.07  |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.56             | 95.58  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.21             | 92.13  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-710012/9

Matrix: Water

Lab File ID: HC07X08.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 10/07/2025 11:26

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710012

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

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

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: \_\_\_\_\_      Lab Sample ID: MB 410-710012/9

Matrix: Water      Lab File ID: HC07X08.D

Analysis Method: 8260D      Date Collected: \_\_\_\_\_

Sample wt/vol: 25 (mL)      Date Analyzed: 10/07/2025 11:26

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 710012      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

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

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 105  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 90   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 99   |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 100  |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X08.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 07-Oct-2025 11:26:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0162228-009  
 Operator ID: ecr105096 Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 07-Oct-2025 15:14:14 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 12:21:28

| Compound                            | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 1 Chlorotrifluoroethene             | 116 |           | 1.782         |               |    |          |              | ND             |       |
| 2 Dichlorodifluoromethane           | 85  |           | 1.819         |               |    |          |              | ND             |       |
| 3 Chlorodifluoromethane             | 51  |           | 1.837         |               |    |          |              | ND             | 7     |
| 4 Dimethyl ether                    | 45  |           | 1.892         |               |    |          |              | ND             |       |
| 5 Chloromethane                     | 50  |           | 2.001         |               |    |          |              | ND             |       |
| 6 Butadiene                         | 39  |           | 2.099         |               |    |          |              | ND             | 7     |
| 7 Vinyl chloride                    | 62  |           | 2.111         |               |    |          |              | ND             |       |
| 8 2-Chloro-1,1,1-Trifluoroethane    | 118 |           | 2.160         |               |    |          |              | ND             |       |
| 9 Bromomethane                      | 94  |           | 2.410         |               |    |          |              | ND             |       |
| 10 Chloroethane                     | 64  |           | 2.465         |               |    |          |              | ND             |       |
| 11 Dichlorofluoromethane            | 67  |           | 2.678         |               |    |          |              | ND             |       |
| 12 Trichlorofluoromethane           | 101 |           | 2.763         |               |    |          |              | ND             |       |
| 13 Ethyl ether                      | 59  |           | 2.965         |               |    |          |              | ND             |       |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 67  |           | 3.038         |               |    |          |              | ND             |       |
| 15 Ethanol                          | 45  |           | 3.111         |               |    |          |              | ND             |       |
| 16 Acrolein                         | 56  |           | 3.117         |               |    |          |              | ND             |       |
| 17 1,1-Dichloroethene               | 96  |           | 3.245         |               |    |          |              | ND             |       |
| 19 Acetone                          | 43  |           | 3.282         |               |    |          |              | ND             |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 |           | 3.282         |               |    |          |              | ND             |       |
| 20 Iodomethane                      | 142 |           | 3.422         |               |    |          |              | ND             |       |
| 22 Ethyl bromide                    | 108 |           | 3.446         |               |    |          |              | ND             |       |
| 23 Carbon disulfide                 | 76  |           | 3.525         |               |    |          |              | ND             | 7     |
| 24 Methyl acetate                   | 43  |           | 3.660         |               |    |          |              | ND             |       |
| 25 3-Chloro-1-propene               | 41  |           | 3.672         |               |    |          |              | ND             |       |
| 26 Acetonitrile                     | 41  |           | 3.696         |               |    |          |              | ND             |       |
| 27 Methylene Chloride               | 84  |           | 3.843         |               |    |          |              | ND             |       |
| * 28 t-Butyl alcohol-d10 (IS)       | 65  | 3.885     | 3.867         | 0.018         | 27 | 60670    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol              | 59  |           | 3.952         |               |    |          |              | ND             |       |
| 30 Acrylonitrile                    | 53  |           | 4.184         |               |    |          |              | ND             |       |
| 31 Methyl tert-butyl ether          | 73  |           | 4.208         |               |    |          |              | ND             |       |
| 33 trans-1,2-Dichloroethene         | 96  |           | 4.227         |               |    |          |              | ND             |       |
| 34 Hexane                           | 57  |           | 4.653         |               |    |          |              | ND             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 35 1,1-Dichloroethane              | 63  |           | 4.879         |               |    |          |              | ND             |       |
| 36 Vinyl acetate                   | 43  |           | 4.885         |               |    |          |              | ND             |       |
| 37 Isopropyl ether                 | 45  |           | 4.940         |               |    |          |              | ND             |       |
| 38 2-Chloro-1,3-butadiene          | 53  |           | 4.995         |               |    |          |              | ND             |       |
| 39 Tert-butyl ethyl ether          | 59  |           | 5.482         |               |    |          |              | ND             |       |
| 41 2-Butanone (MEK)                | 43  |           | 5.684         |               |    |          |              | ND             |       |
| 42 cis-1,2-Dichloroethene          | 96  |           | 5.726         |               |    |          |              | ND             |       |
| 43 2,2-Dichloropropane             | 77  |           | 5.738         |               |    |          |              | ND             |       |
| 44 Propionitrile                   | 54  |           | 5.763         |               |    |          |              | ND             |       |
| 45 Ethyl acetate                   | 43  |           | 5.793         |               |    |          |              | ND             |       |
| 46 Methacrylonitrile               | 67  |           | 5.982         |               |    |          |              | ND             |       |
| 47 Chlorobromomethane              | 128 |           | 6.062         |               |    |          |              | ND             |       |
| 48 Tetrahydrofuran                 | 71  |           | 6.068         |               |    |          |              | ND             |       |
| S 49 1,2-Dichloroethene, Total     | 100 |           | 6.155         |               |    |          |              | ND             | 7     |
| 50 Chloroform                      | 83  |           | 6.220         |               |    |          |              | ND             |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.440         | 0.006         | 94 | 396334   | 10.0         | 9.91           |       |
| 52 1,1,1-Trichloroethane           | 97  |           | 6.452         |               |    |          |              | ND             |       |
| 53 Methyl acrylate                 | 55  |           | 6.482         |               |    |          |              | ND             |       |
| 54 Cyclohexane                     | 56  |           | 6.555         |               |    |          |              | ND             |       |
| 55 1,1-Dichloropropene             | 75  |           | 6.665         |               |    |          |              | ND             |       |
| 56 Carbon tetrachloride            | 117 |           | 6.665         |               |    |          |              | ND             |       |
| 57 Isobutyl alcohol                | 41  |           | 6.824         |               |    |          |              | ND             |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.903         | 0.000         | 45 | 76051    | 10.0         | 10.5           |       |
| 59 Benzene                         | 78  |           | 6.927         |               |    |          |              | ND             |       |
| 60 1,2-Dichloroethane              | 62  |           | 7.000         |               |    |          |              | ND             |       |
| 61 Isopropyl acetate               | 43  |           | 7.031         |               |    |          |              | ND             |       |
| 62 Tert-amyl methyl ether          | 73  |           | 7.135         |               |    |          |              | ND             |       |
| 63 1-Chlorobutane                  | 56  | 7.354     | 7.250         | 0.104         | 33 | 9120     |              | NC             |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.348         | 0.000         | 99 | 1722782  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  |           | 7.366         |               |    |          |              | ND             | 7     |
| 66 n-Butanol                       | 56  |           | 7.732         |               |    |          |              | ND             |       |
| 67 Trichloroethene                 | 95  |           | 7.836         |               |    |          |              | ND             |       |
| 68 t-Amyl alcohol                  | 73  |           | 7.842         |               |    |          |              | ND             |       |
| 69 Methylcyclohexane               | 83  |           | 8.153         |               |    |          |              | ND             |       |
| 70 1,2-Dichloropropane             | 63  |           | 8.165         |               |    |          |              | ND             |       |
| 71 2-ethoxy-2-methyl butane        | 87  |           | 8.195         |               |    |          |              | ND             |       |
| 72 Methyl methacrylate             | 69  |           | 8.275         |               |    |          |              | ND             |       |
| 73 1,4-Dioxane                     | 88  |           | 8.281         |               |    |          |              | ND             |       |
| 74 Dibromomethane                  | 93  |           | 8.281         |               |    |          |              | ND             |       |
| 75 n-Propyl acetate                | 61  |           | 8.366         |               |    |          |              | ND             |       |
| 76 Dichlorobromomethane            | 83  |           | 8.525         |               |    |          |              | ND             |       |
| 77 2-Nitropropane                  | 41  |           | 8.793         |               |    |          |              | ND             |       |
| 78 2-Chloroethyl vinyl ether       | 63  |           | 8.908         |               |    |          |              | ND             |       |
| 79 1-Bromo-2-chloroethane          | 63  |           | 8.927         |               |    |          |              | ND             |       |
| 80 cis-1,3-Dichloropropene         | 75  |           | 9.098         |               |    |          |              | ND             |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  |           | 9.274         |               |    |          |              | ND             |       |
| 83 Chloroacetonitrile              | 75  |           | 9.427         |               |    |          |              | ND             |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1748627  | 10.0         | 9.96           |       |
| 84 Toluene                         | 92  |           | 9.506         |               |    |          |              | ND             |       |
| 85 trans-1,3-Dichloropropene       | 75  |           | 9.786         |               |    |          |              | ND             |       |
| 86 Ethyl methacrylate              | 69  |           | 9.860         |               |    |          |              | ND             |       |
| 87 1,1,2-Trichloroethane           | 97  |           | 9.994         |               |    |          |              | ND             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| S 106 1,3-Dichloropropene, Total   | 100 |           | 10.060        |               |    |          |              | ND             | 7     |
| 107 Tetrachloroethene              | 166 |           | 10.085        |               |    |          |              | ND             |       |
| 108 1,3-Dichloropropane            | 76  |           | 10.164        |               |    |          |              | ND             |       |
| 109 2-Hexanone                     | 43  |           | 10.219        |               |    |          |              | ND             |       |
| 110 n-Butyl acetate                | 43  |           | 10.359        |               |    |          |              | ND             |       |
| 111 Chlorodibromomethane           | 129 |           | 10.384        |               |    |          |              | ND             |       |
| 112 Ethylene Dibromide             | 107 |           | 10.500        |               |    |          |              | ND             |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1261732  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  |           | 10.963        |               |    |          |              | ND             | 7     |
| 115 Chlorobenzene                  | 112 |           | 10.969        |               |    |          |              | ND             |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 |           | 11.061        |               |    |          |              | ND             |       |
| 117 Ethylbenzene                   | 91  |           | 11.061        |               |    |          |              | ND             | 7     |
| 118 m-Xylene & p-Xylene            | 106 |           | 11.183        |               |    |          |              | ND             |       |
| S 119 Xylenes, Total               | 106 |           | 11.245        |               |    |          |              | ND             | 7     |
| 120 o-Xylene                       | 106 |           | 11.518        |               |    |          |              | ND             |       |
| 121 Styrene                        | 104 |           | 11.536        |               |    |          |              | ND             |       |
| 122 Bromoform                      | 173 |           | 11.695        |               |    |          |              | ND             |       |
| 123 Isopropylbenzene               | 105 |           | 11.823        |               |    |          |              | ND             |       |
| 124 cis-1,4-Dichloro-2-butene      | 88  |           | 11.871        |               |    |          |              | ND             |       |
| 125 Cyclohexanone                  | 55  |           | 11.902        |               |    |          |              | ND             |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.975    | 11.969        | 0.006         | 93 | 572597   | 10.0         | 9.03           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  |           | 12.073        |               |    |          |              | ND             |       |
| 128 Bromobenzene                   | 156 |           | 12.085        |               |    |          |              | ND             |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  |           | 12.097        |               |    |          |              | ND             |       |
| 130 1,2,3-Trichloropropane         | 110 |           | 12.115        |               |    |          |              | ND             |       |
| 131 N-Propylbenzene                | 91  |           | 12.158        |               |    |          |              | ND             | 7     |
| 132 2-Chlorotoluene                | 126 |           | 12.231        |               |    |          |              | ND             |       |
| 133 1,3,5-Trimethylbenzene         | 105 |           | 12.298        |               |    |          |              | ND             |       |
| 134 4-Chlorotoluene                | 126 |           | 12.329        |               |    |          |              | ND             |       |
| 135 tert-Butylbenzene              | 134 |           | 12.542        |               |    |          |              | ND             |       |
| 136 Pentachloroethane              | 167 |           | 12.573        |               |    |          |              | ND             |       |
| 137 1,2,4-Trimethylbenzene         | 105 |           | 12.585        |               |    |          |              | ND             | 7     |
| 138 sec-Butylbenzene               | 105 |           | 12.707        |               |    |          |              | ND             | 7     |
| 139 1,3-Dichlorobenzene            | 146 |           | 12.804        |               |    |          |              | ND             | 7     |
| 140 4-Isopropyltoluene             | 119 |           | 12.816        |               |    |          |              | ND             | 7     |
| * 141 1,4-Dichlorobenzene-d4       | 152 | 12.859    | 12.859        | 0.000         | 94 | 676047   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene            | 146 |           | 12.877        |               |    |          |              | ND             | 7     |
| 143 1,2,3-Trimethylbenzene         | 120 |           | 12.890        |               |    |          |              | ND             | 7     |
| 144 Benzyl chloride                | 126 |           | 12.957        |               |    |          |              | ND             |       |
| 145 p-Diethylbenzene               | 119 |           | 13.091        |               |    |          |              | ND             | U     |
| 146 n-Butylbenzene                 | 92  |           | 13.109        |               |    |          |              | ND             | 7     |
| 147 1,2-Dichlorobenzene            | 146 |           | 13.133        |               |    |          |              | ND             |       |
| 149 Hexachloroethane               | 201 |           | 13.682        |               |    |          |              | ND             |       |
| 148 1,2-Dibromo-3-Chloropropane    | 155 |           | 13.682        |               |    |          |              | ND             |       |
| 150 1,3,5-Trichlorobenzene         | 180 |           | 13.810        |               |    |          |              | ND             | 7     |
| 151 1,2,4-Trichlorobenzene         | 180 |           | 14.231        |               |    |          |              | ND             | 7     |
| 152 Hexachlorobutadiene            | 225 | 14.316    | 14.316        | 0.000         | 87 | 2061     |              | 0.0656         |       |
| 153 Naphthalene                    | 128 |           | 14.408        |               |    |          |              | ND             | 7     |
| 154 1,2,3-Trichlorobenzene         | 180 | 14.572    | 14.554        | 0.018         | 76 | 2300     |              | 0.0440         |       |
| 155 tert-Butyl Formate             | 1   |           | 0.000         |               |    |          |              | ND             |       |
| 156 Dodecane                       | 57  |           | 0.000         |               |    |          |              | ND             |       |
| 157 Pentane                        | 43  |           | 0.000         |               |    |          |              | ND             |       |

| Compound                             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|--------------------------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| 158 1,1-Dichloroacetone              | 1   |              | 0.000            |                  |   |          |                 |                   | ND    |
| 159 n-Decane                         | 57  |              | 0.000            |                  |   |          |                 |                   | ND    |
| 160 1-Bromo-3-Chloropropane          | 1   |              | 0.000            |                  |   |          |                 |                   | ND    |
| 161 1-Chloropropane                  | 1   |              | 0.000            |                  |   |          |                 |                   | ND    |
| 162 Propene oxide                    | 1   |              | 0.000            |                  |   |          |                 |                   | ND    |
| 163 1,1-Dichloro-1-fluoroethane      | 1   |              | 0.000            |                  |   |          |                 |                   | ND    |
| 164 Methylal                         | 1   |              | 0.000            |                  |   |          |                 |                   | ND    |
| 165 2-Bromo-1-chloropropane          | 1   |              | 0.000            |                  |   |          |                 |                   | ND    |
| 166 1,1-Dichloro-1-fluoroethane TIC1 |     |              | 0.000            |                  |   |          |                 |                   | ND    |
| 210 Ethyl acrylate                   | 55  |              | 0.000            |                  |   |          |                 |                   | ND    |

### QC Flag Legend

#### Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

#### Review Flags

U - Marked Undetected

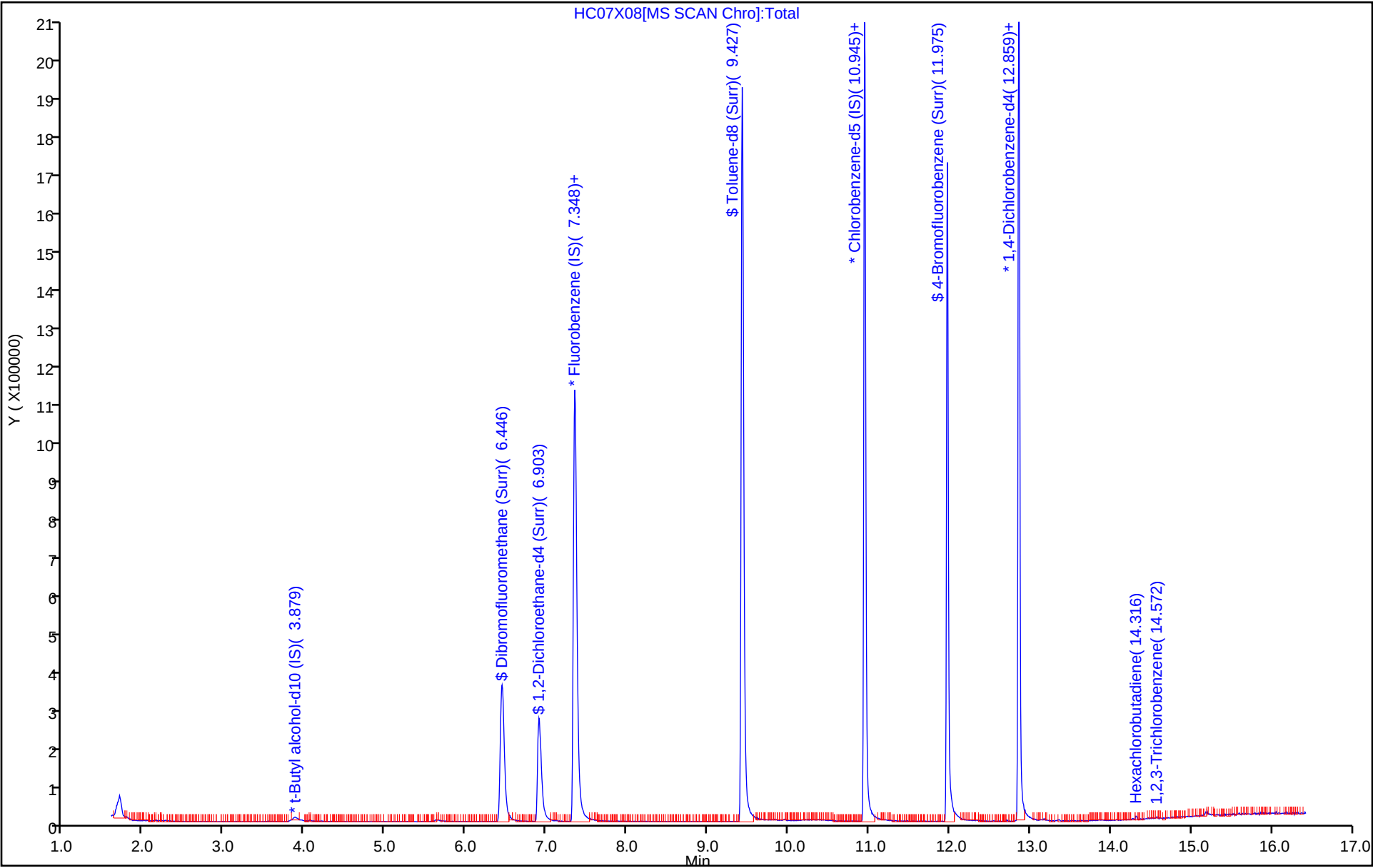
### Reagents:

MSV\_LLcentISS\_00018

Amount Added: 5.00

Units: uL

Run Reagent





Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X08.D  
Lims ID: MB  
Client ID:  
Sample Type: MB  
Inject. Date: 07-Oct-2025 11:26:30 ALS Bottle#: 8 Worklist Smp#: 9  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0162228-009  
Operator ID: ecr105096 Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 07-Oct-2025 15:14:14 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 12:21:28

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 9.91             | 99.12  |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.5             | 104.89 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.96             | 99.62  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.03             | 90.34  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-708376/4

Matrix: Water

Lab File ID: HC02X03.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 19:08

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | 5.23   |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 5.37   |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 4.96   |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | 4.83   |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | 5.43   |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 5.70   |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | 5.33   |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | 4.87   |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | 5.31   |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | 61.1   |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | 62.9   |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | 59.1   |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | 55.6   |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | 5.35   |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | 5.63   |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | 5.35   |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | 5.32   |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | 5.03   |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | 5.34   |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | 5.54   |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | 5.09   |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | 4.83   |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 5.43   |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | 4.41   |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 5.73   |   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | 5.06   |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | 5.05   |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | 5.05   |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | 4.91   |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | 5.57   |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | 5.13   |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 5.06   |   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: \_\_\_\_\_      Lab Sample ID: LCS 410-708376/4

Matrix: Water      Lab File ID: HC02X03.D

Analysis Method: 8260D      Date Collected: \_\_\_\_\_

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 19:08

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | 5.17   |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | 5.72   |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | 4.87   |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 5.29   |   | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | 4.79   |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | 15.5   |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 106  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 94   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 102  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 97   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X03.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 02-Oct-2025 19:08:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-004  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 01:41:39 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1645

First Level Reviewer: HR3Z

Date: 02-Oct-2025 19:31:50

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane                | 85  | 1.819     | 1.812         | 0.007         | 99  | 298866   | 5.00         | 5.30           |       |
| 5 Chloromethane                          | 50  | 2.008     | 1.995         | 0.013         | 99  | 328138   | 5.00         | 4.41           |       |
| 6 Butadiene                              | 39  | 2.105     | 2.093         | 0.012         | 91  | 342982   | 5.00         | 4.79           |       |
| 7 Vinyl chloride                         | 62  | 2.111     | 2.105         | 0.006         | 98  | 322388   | 5.00         | 4.79           |       |
| 9 Bromomethane                           | 94  | 2.410     | 2.404         | 0.006         | 91  | 240631   | 5.00         | 5.03           |       |
| 10 Chloroethane                          | 64  | 2.471     | 2.465         | 0.006         | 100 | 204376   | 5.00         | 4.83           |       |
| 11 Dichlorofluoromethane                 | 67  | 2.684     | 2.678         | 0.006         | 97  | 533554   | 5.00         | 4.72           |       |
| 12 Trichlorofluoromethane                | 101 | 2.770     | 2.757         | 0.013         | 97  | 353601   | 5.00         | 4.05           |       |
| 14 1,2-Dichloro-1,1,2-trifluoroethane    | 67  | 3.032     | 3.026         | 0.006         | 93  | 321057   | 5.00         | 4.93           |       |
| 17 1,1-Dichloroethene                    | 96  | 3.251     | 3.239         | 0.012         | 98  | 251784   | 5.00         | 5.70           |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 3.288     | 3.276         | 0.012         | 92  | 258751   | 5.00         | 5.97           |       |
| 19 Acetone                               | 43  | 3.306     | 3.282         | 0.024         | 97  | 271809   | 62.5         | 55.6           |       |
| 20 Iodomethane                           | 142 | 3.428     | 3.416         | 0.012         | 98  | 441113   | 5.00         | 5.21           |       |
| 23 Carbon disulfide                      | 76  | 3.532     | 3.519         | 0.013         | 99  | 722312   | 5.00         | 5.34           |       |
| 24 Methyl acetate                        | 43  | 3.690     | 3.660         | 0.030         | 25  | 48716    | 5.00         | 4.17           | M     |
| 25 3-Chloro-1-propene                    | 41  | 3.678     | 3.672         | 0.006         | 93  | 403356   | 5.00         | 4.63           |       |
| 27 Methylene Chloride                    | 84  | 3.849     | 3.836         | 0.013         | 91  | 257987   | 5.00         | 5.57           |       |
| * 28 t-Butyl alcohol-d10 (IS)            | 65  | 3.861     | 3.873         | -0.012        | 0   | 68760    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol                   | 59  | 3.983     | 3.958         | 0.025         | 99  | 67907    | 50.0         | 45.4           |       |
| 30 Acrylonitrile                         | 53  | 4.196     | 4.178         | 0.018         | 94  | 154476   | 25.0         | 25.3           | M     |
| 31 Methyl tert-butyl ether               | 73  | 4.214     | 4.208         | 0.006         | 95  | 498272   | 5.00         | 4.91           |       |
| 33 trans-1,2-Dichloroethene              | 96  | 4.239     | 4.221         | 0.018         | 99  | 279917   | 5.00         | 5.72           |       |
| 34 Hexane                                | 57  | 4.660     | 4.641         | 0.019         | 91  | 396938   | 5.00         | 5.35           |       |
| 35 1,1-Dichloroethane                    | 63  | 4.891     | 4.873         | 0.018         | 96  | 513079   | 5.00         | 5.43           |       |
| 37 Isopropyl ether                       | 45  | 4.946     | 4.934         | 0.012         | 95  | 777461   | 5.00         | 4.87           |       |
| 38 2-Chloro-1,3-butadiene                | 53  | 5.001     | 4.989         | 0.012         | 90  | 406217   | 5.00         | 4.97           |       |
| 39 Tert-butyl ethyl ether                | 59  | 5.489     | 5.482         | 0.007         | 98  | 693108   | 5.00         | 5.01           |       |
| 41 2-Butanone (MEK)                      | 43  | 5.702     | 5.684         | 0.018         | 98  | 510808   | 62.5         | 61.1           |       |
| 42 cis-1,2-Dichloroethene                | 96  | 5.732     | 5.720         | 0.012         | 81  | 305032   | 5.00         | 5.73           |       |
| 43 2,2-Dichloropropane                   | 77  | 5.739     | 5.732         | 0.007         | 71  | 428003   | 5.00         | 5.18           |       |
| 44 Propionitrile                         | 54  | 5.812     | 5.769         | 0.043         | 74  | 64294    | 37.5         | 30.8           | M     |
| 46 Methacrylonitrile                     | 67  | 5.995     | 5.982         | 0.013         | 92  | 359937   | 37.5         | 42.8           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 47 Chlorobromomethane              | 128 | 6.074     | 6.056         | 0.018         | 95 | 113299   | 5.00         | 5.63           |       |
| 48 Tetrahydrofuran                 | 71  | 6.086     | 6.086         | 0.000         | 70 | 66088    | 25.0         | 28.1           |       |
| 50 Chloroform                      | 83  | 6.220     | 6.214         | 0.006         | 94 | 476403   | 5.00         | 5.43           |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.440     | 6.434         | 0.006         | 94 | 411033   | 10.0         | 10.2           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.452     | 6.446         | 0.006         | 99 | 440978   | 5.00         | 5.37           |       |
| 54 Cyclohexane                     | 56  | 6.555     | 6.555         | 0.000         | 89 | 506891   | 5.00         | 5.03           |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.665         | 0.012         | 96 | 398477   | 5.00         | 5.26           |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.665         | 0.006         | 87 | 384252   | 5.00         | 5.54           |       |
| 57 Isobutyl alcohol                | 41  | 6.836     | 6.818         | 0.018         | 96 | 53346    | 125.0        | 91.3           |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.897         | 0.006         | 0  | 77199    | 10.0         | 10.6           |       |
| 59 Benzene                         | 78  | 6.933     | 6.927         | 0.006         | 96 | 1151810  | 5.00         | 5.35           |       |
| 60 1,2-Dichloroethane              | 62  | 7.013     | 7.000         | 0.013         | 98 | 235553   | 5.00         | 4.87           |       |
| 62 Tert-amyl methyl ether          | 73  | 7.141     | 7.129         | 0.013         | 99 | 599893   | 5.00         | 5.01           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 98 | 1738507  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.366         | 0.006         | 91 | 392026   | 5.00         | 5.00           |       |
| 66 n-Butanol                       | 56  | 7.756     | 7.732         | 0.024         | 89 | 99650    | 250.0        | 228.8          |       |
| 67 Trichloroethene                 | 95  | 7.842     | 7.836         | 0.006         | 99 | 298648   | 5.00         | 5.29           |       |
| 69 Methylcyclohexane               | 83  | 8.153     | 8.153         | 0.000         | 93 | 522455   | 5.00         | 5.32           |       |
| 70 1,2-Dichloropropane             | 63  | 8.177     | 8.171         | 0.006         | 96 | 274688   | 5.00         | 5.31           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.189         | 0.006         | 94 | 404160   | 5.00         | 5.16           |       |
| 72 Methyl methacrylate             | 69  | 8.287     | 8.275         | 0.012         | 91 | 81447    | 5.00         | 4.75           |       |
| 73 1,4-Dioxane                     | 88  | 8.287     | 8.275         | 0.012         | 32 | 19034    | 125.0        | 211.6          |       |
| 74 Dibromomethane                  | 93  | 8.293     | 8.281         | 0.012         | 93 | 104820   | 5.00         | 5.47           |       |
| 76 Dichlorobromomethane            | 83  | 8.531     | 8.525         | 0.006         | 99 | 309244   | 5.00         | 5.35           |       |
| 77 2-Nitropropane                  | 41  | 8.811     | 8.793         | 0.018         | 98 | 23259    | 5.00         | 4.37           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.933     | 8.927         | 0.006         | 99 | 224409   | 5.00         | 4.86           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.098     | 9.098         | 0.000         | 97 | 357869   | 5.00         | 5.06           |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  | 9.281     | 9.281         | 0.000         | 96 | 1407393  | 62.5         | 59.1           |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1819288  | 10.0         | 9.69           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 99 | 752958   | 5.00         | 5.17           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.793     | 9.787         | 0.006         | 92 | 280646   | 5.00         | 4.87           |       |
| 86 Ethyl methacrylate              | 69  | 9.866     | 9.860         | 0.006         | 89 | 192030   | 5.00         | 4.71           |       |
| 87 1,1,2-Trichloroethane           | 97  | 10.000    | 9.994         | 0.006         | 90 | 156048   | 5.00         | 4.83           |       |
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 97 | 347861   | 5.00         | 5.06           |       |
| 108 1,3-Dichloropropane            | 76  | 10.165    | 10.165        | 0.001         | 90 | 277623   | 5.00         | 4.94           |       |
| 109 2-Hexanone                     | 43  | 10.225    | 10.219        | 0.006         | 95 | 958403   | 62.5         | 62.9           |       |
| 111 Chlorodibromomethane           | 129 | 10.384    | 10.390        | -0.006        | 89 | 201622   | 5.00         | 5.05           |       |
| 112 Ethylene Dibromide             | 107 | 10.506    | 10.500        | 0.006         | 98 | 149571   | 5.00         | 5.33           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85 | 1350028  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98 | 413525   | 5.00         | 4.51           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 95 | 783879   | 5.00         | 5.09           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.061        | 0.000         | 96 | 264962   | 5.00         | 5.23           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 98 | 1449612  | 5.00         | 5.05           |       |
| 118 m-Xylene & p-Xylene            | 106 | 11.183    | 11.183        | 0.000         | 0  | 1125402  | 10.0         | 10.3           |       |
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97 | 533500   | 5.00         | 5.16           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 94 | 851655   | 5.00         | 5.13           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 97 | 109772   | 5.00         | 5.32           |       |
| 123 Isopropylbenzene               | 105 | 11.823    | 11.823        | 0.000         | 95 | 1455250  | 5.00         | 5.75           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.969    | 11.969        | 0.000         | 97 | 639527   | 10.0         | 9.43           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.073    | 12.073        | 0.000         | 93 | 183308   | 5.00         | 4.96           |       |
| 128 Bromobenzene                   | 156 | 12.085    | 12.085        | 0.000         | 95 | 309104   | 5.00         | 5.15           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.097    | 12.097        | 0.000         | 89 | 149161   | 25.0         | 16.9           |       |

| Compound                        | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 130 1,2,3-Trichloropropane      | 110 | 12.121    | 12.121        | 0.000         | 82 | 47305    | 5.00         | 5.11           |       |
| 131 N-Propylbenzene             | 91  | 12.158    | 12.158        | 0.000         | 99 | 1694415  | 5.00         | 5.08           |       |
| 132 2-Chlorotoluene             | 126 | 12.231    | 12.231        | 0.000         | 96 | 324691   | 5.00         | 5.10           |       |
| 133 1,3,5-Trimethylbenzene      | 105 | 12.298    | 12.298        | 0.000         | 94 | 1189045  | 5.00         | 5.09           |       |
| 134 4-Chlorotoluene             | 126 | 12.329    | 12.329        | 0.000         | 98 | 333383   | 5.00         | 5.20           |       |
| 135 tert-Butylbenzene           | 134 | 12.542    | 12.542        | 0.000         | 93 | 242993   | 5.00         | 4.71           |       |
| 137 1,2,4-Trimethylbenzene      | 105 | 12.585    | 12.585        | 0.000         | 97 | 1184450  | 5.00         | 5.00           |       |
| 138 sec-Butylbenzene            | 105 | 12.707    | 12.707        | 0.000         | 94 | 1512276  | 5.00         | 5.03           |       |
| 139 1,3-Dichlorobenzene         | 146 | 12.804    | 12.804        | 0.000         | 99 | 626225   | 5.00         | 5.22           |       |
| 140 4-Isopropyltoluene          | 119 | 12.816    | 12.816        | 0.000         | 97 | 1277318  | 5.00         | 4.95           |       |
| * 141 1,4-Dichlorobenzene-d4    | 152 | 12.859    | 12.859        | 0.000         | 94 | 749736   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene         | 146 | 12.877    | 12.877        | 0.000         | 95 | 616903   | 5.00         | 4.99           |       |
| 143 1,2,3-Trimethylbenzene      | 120 | 12.890    | 12.890        | 0.000         | 99 | 510237   | 5.00         | 5.11           |       |
| 144 Benzyl chloride             | 126 | 12.957    | 12.957        | 0.000         | 98 | 72152    | 5.00         | 4.95           |       |
| 145 p-Diethylbenzene            | 119 | 13.091    | 13.091        | 0.000         | 93 | 776705   | 5.00         | 5.14           |       |
| 146 n-Butylbenzene              | 92  | 13.109    | 13.109        | 0.000         | 97 | 620245   | 5.00         | 5.10           |       |
| 147 1,2-Dichlorobenzene         | 146 | 13.140    | 13.140        | 0.000         | 99 | 542607   | 5.00         | 5.19           |       |
| 148 1,2-Dibromo-3-Chloropropane | 155 | 13.682    | 13.682        | 0.000         | 88 | 21870    | 5.00         | 4.46           |       |
| 150 1,3,5-Trichlorobenzene      | 180 | 13.810    | 13.810        | 0.000         | 98 | 449130   | 5.00         | 5.10           |       |
| 151 1,2,4-Trichlorobenzene      | 180 | 14.231    | 14.231        | 0.000         | 94 | 342742   | 5.00         | 4.86           |       |
| 152 Hexachlorobutadiene         | 225 | 14.316    | 14.316        | 0.000         | 96 | 162533   | 5.00         | 4.66           |       |
| 153 Naphthalene                 | 128 | 14.414    | 14.414        | 0.000         | 97 | 526185   | 5.00         | 4.56           |       |
| 154 1,2,3-Trichlorobenzene      | 180 | 14.554    | 14.554        | 0.000         | 96 | 274300   | 5.00         | 4.74           |       |
| 157 Pentane                     | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

### Reagents:

MSV\_QC\_Gas826\_00281

Amount Added: 12.50

Units: uL

MSV\_LCS\_VOC#1\_00240

Amount Added: 12.50

Units: uL

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 01:42:14

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X03.D

Injection Date: 02-Oct-2025 19:08:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

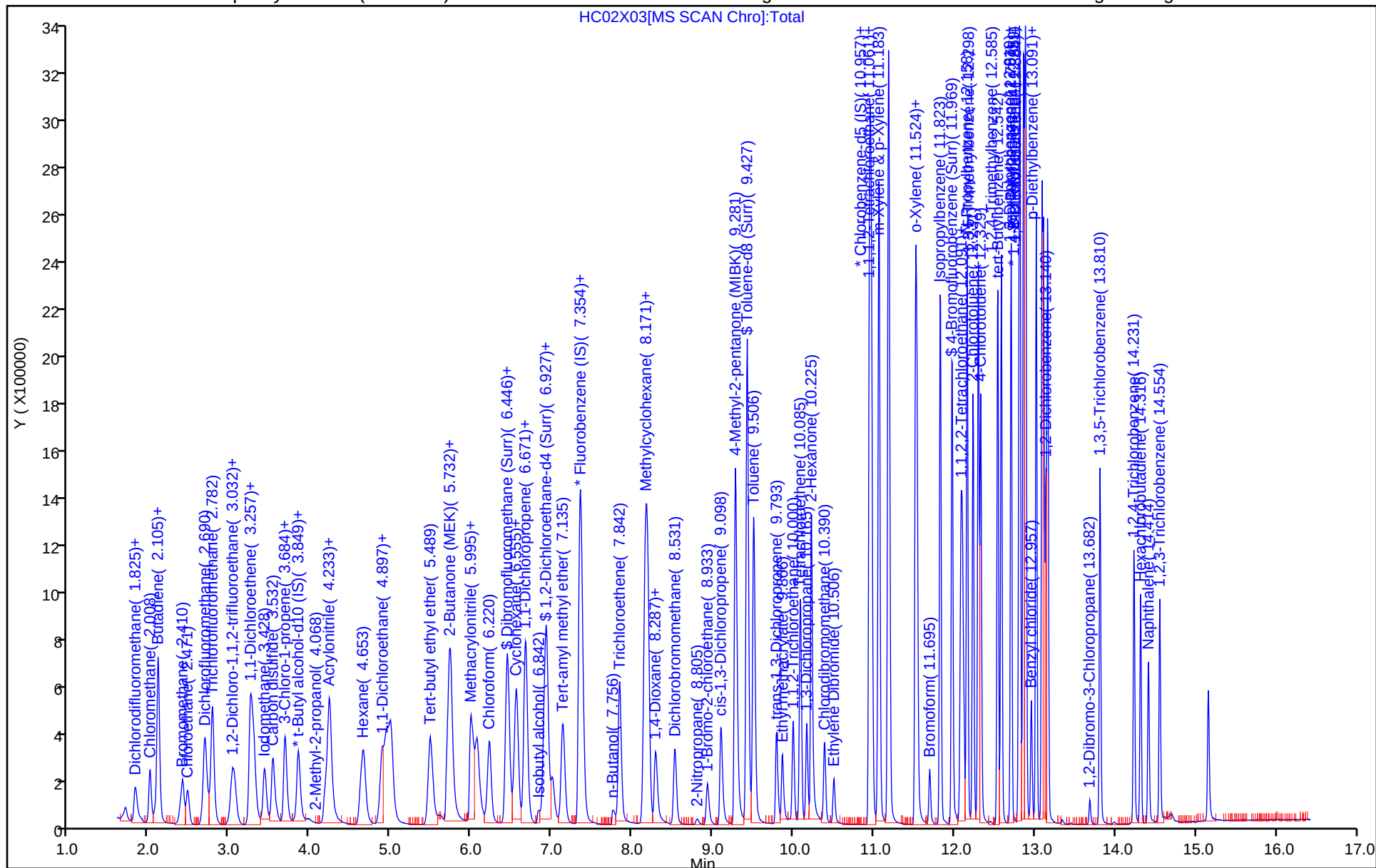
ALS Bottle#: 3

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X03.D  
Lims ID: LCS  
Client ID:  
Sample Type: LCS  
Inject. Date: 02-Oct-2025 19:08:30 ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-004  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 01:41:39 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1645

First Level Reviewer: HR3Z

Date: 02-Oct-2025 19:31:50

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.2             | 101.86 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.6             | 105.51 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.69             | 96.87  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.43             | 94.30  |



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-710012/6

Matrix: Water

Lab File ID: HC07X05.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 10/07/2025 10:24

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710012

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | 5.01   |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 5.09   |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 4.97   |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | 4.80   |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | 5.03   |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 5.64   |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | 5.08   |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | 4.73   |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | 5.03   |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | 56.0   |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | 59.4   |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | 57.6   |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | 53.5   |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | 4.90   |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | 5.24   |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | 4.93   |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | 5.06   |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | 5.13   |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | 5.09   |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | 5.19   |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | 4.99   |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | 4.99   |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 5.04   |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | 4.91   |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 5.20   |   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | 4.60   |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | 4.90   |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | 4.94   |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | 4.53   |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | 5.13   |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | 4.95   |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 4.91   |   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: \_\_\_\_\_      Lab Sample ID: LCS 410-710012/6

Matrix: Water      Lab File ID: HC07X05.D

Analysis Method: 8260D      Date Collected: \_\_\_\_\_

Sample wt/vol: 25 (mL)      Date Analyzed: 10/07/2025 10:24

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 710012      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | 4.96   |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | 5.26   |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | 4.50   |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 4.80   |   | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | 5.29   |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | 14.8   |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 103  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 94   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 101  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 100  |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X05.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 07-Oct-2025 10:24:30 ALS Bottle#: 5 Worklist Smp#: 6  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0162228-006  
 Operator ID: ecr105096 Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 07-Oct-2025 15:14:14 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 10:47:21

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane                | 85  | 1.818     | 1.819         | 0.000         | 99 | 395832   | 5.00         | 6.80           |       |
| 5 Chloromethane                          | 50  | 1.995     | 2.001         | -0.006        | 99 | 377964   | 5.00         | 4.91           |       |
| 6 Butadiene                              | 39  | 2.099     | 2.099         | 0.000         | 91 | 375312   | 5.00         | 5.08           |       |
| 7 Vinyl chloride                         | 62  | 2.105     | 2.111         | -0.006        | 98 | 368197   | 5.00         | 5.29           |       |
| 9 Bromomethane                           | 94  | 2.404     | 2.410         | -0.006        | 91 | 253657   | 5.00         | 5.13           |       |
| 10 Chloroethane                          | 64  | 2.471     | 2.465         | 0.006         | 99 | 217734   | 5.00         | 4.99           |       |
| 11 Dichlorofluoromethane                 | 67  | 2.684     | 2.678         | 0.006         | 97 | 566663   | 5.00         | 4.85           |       |
| 12 Trichlorofluoromethane                | 101 | 2.757     | 2.763         | -0.006        | 98 | 384695   | 5.00         | 4.26           |       |
| 14 1,2-Dichloro-1,1,2-trifluoroethane    | 67  | 3.038     | 3.038         | 0.000         | 92 | 338023   | 5.00         | 5.02           |       |
| 17 1,1-Dichloroethene                    | 96  | 3.245     | 3.245         | 0.000         | 98 | 257254   | 5.00         | 5.64           |       |
| 19 Acetone                               | 43  | 3.294     | 3.282         | 0.012         | 79 | 255167   | 62.5         | 53.5           |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 3.282     | 3.282         | 0.000         | 92 | 254196   | 5.00         | 5.68           |       |
| 20 Iodomethane                           | 142 | 3.428     | 3.422         | 0.006         | 98 | 424062   | 5.00         | 4.85           |       |
| 23 Carbon disulfide                      | 76  | 3.531     | 3.525         | 0.006         | 99 | 710967   | 5.00         | 5.09           |       |
| 24 Methyl acetate                        | 43  | 3.684     | 3.660         | 0.024         | 27 | 48148    | 5.00         | 4.23           |       |
| 25 3-Chloro-1-propene                    | 41  | 3.678     | 3.672         | 0.006         | 93 | 387501   | 5.00         | 4.31           |       |
| 27 Methylene Chloride                    | 84  | 3.842     | 3.843         | 0.000         | 93 | 245144   | 5.00         | 5.13           |       |
| * 28 t-Butyl alcohol-d10 (IS)            | 65  | 3.861     | 3.867         | -0.006        | 98 | 67096    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol                   | 59  | 3.964     | 3.952         | 0.012         | 99 | 55304    | 50.0         | 37.9           |       |
| 30 Acrylonitrile                         | 53  | 4.184     | 4.184         | 0.000         | 98 | 124120   | 25.0         | 20.9           |       |
| 31 Methyl tert-butyl ether               | 73  | 4.202     | 4.208         | -0.006        | 95 | 474745   | 5.00         | 4.53           |       |
| 33 trans-1,2-Dichloroethene              | 96  | 4.233     | 4.227         | 0.006         | 99 | 265876   | 5.00         | 5.26           |       |
| 34 Hexane                                | 57  | 4.641     | 4.653         | -0.012        | 92 | 386031   | 5.00         | 5.04           |       |
| 35 1,1-Dichloroethane                    | 63  | 4.885     | 4.879         | 0.006         | 96 | 490939   | 5.00         | 5.03           |       |
| 37 Isopropyl ether                       | 45  | 4.940     | 4.940         | 0.000         | 94 | 745092   | 5.00         | 4.52           |       |
| 38 2-Chloro-1,3-butadiene                | 53  | 4.995     | 4.995         | 0.000         | 90 | 397158   | 5.00         | 4.70           |       |
| 39 Tert-butyl ethyl ether                | 59  | 5.482     | 5.482         | 0.000         | 98 | 651294   | 5.00         | 4.56           |       |
| 41 2-Butanone (MEK)                      | 43  | 5.696     | 5.684         | 0.012         | 99 | 456970   | 62.5         | 56.0           |       |
| 42 cis-1,2-Dichloroethene                | 96  | 5.726     | 5.726         | 0.000         | 82 | 285821   | 5.00         | 5.20           |       |
| 43 2,2-Dichloropropane                   | 77  | 5.732     | 5.738         | -0.006        | 70 | 405008   | 5.00         | 4.75           |       |
| 44 Propionitrile                         | 54  | 5.799     | 5.763         | 0.036         | 97 | 50896    | 37.5         | 25.0           |       |
| 46 Methacrylonitrile                     | 67  | 5.988     | 5.982         | 0.006         | 91 | 334754   | 37.5         | 40.8           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 47 Chlorobromomethane              | 128 | 6.068     | 6.062         | 0.006         | 95  | 109007   | 5.00         | 5.24           |       |
| 48 Tetrahydrofuran                 | 71  | 6.080     | 6.068         | 0.012         | 78  | 61336    | 25.0         | 26.7           |       |
| 50 Chloroform                      | 83  | 6.220     | 6.220         | 0.000         | 93  | 457126   | 5.00         | 5.04           |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.433     | 6.440         | -0.007        | 94  | 421688   | 10.0         | 10.1           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.452     | 6.452         | 0.000         | 99  | 431541   | 5.00         | 5.09           |       |
| 54 Cyclohexane                     | 56  | 6.555     | 6.555         | 0.000         | 90  | 492913   | 5.00         | 4.73           |       |
| 55 1,1-Dichloropropene             | 75  | 6.671     | 6.665         | 0.006         | 96  | 384885   | 5.00         | 4.92           |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.665         | 0.006         | 87  | 371782   | 5.00         | 5.19           |       |
| 57 Isobutyl alcohol                | 41  | 6.836     | 6.824         | 0.012         | 88  | 53478    | 125.0        | 93.8           |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.903         | 0.000         | 89  | 77489    | 10.0         | 10.3           |       |
| 59 Benzene                         | 78  | 6.927     | 6.927         | 0.000         | 97  | 1089187  | 5.00         | 4.90           |       |
| 60 1,2-Dichloroethane              | 62  | 7.000     | 7.000         | 0.000         | 97  | 236061   | 5.00         | 4.73           |       |
| 62 Tert-amyl methyl ether          | 73  | 7.134     | 7.135         | -0.001        | 99  | 568039   | 5.00         | 4.60           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.348         | -0.006        | 98  | 1795386  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.366         | 0.006         | 91  | 365250   | 5.00         | 4.51           |       |
| 66 n-Butanol                       | 56  | 7.768     | 7.732         | 0.036         | 92  | 50343    | 250.0        | 135.9          |       |
| 67 Trichloroethene                 | 95  | 7.836     | 7.836         | 0.000         | 98  | 279636   | 5.00         | 4.80           |       |
| 69 Methylcyclohexane               | 83  | 8.153     | 8.153         | 0.000         | 92  | 496623   | 5.00         | 4.90           |       |
| 70 1,2-Dichloropropane             | 63  | 8.171     | 8.165         | 0.006         | 96  | 269108   | 5.00         | 5.03           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.189     | 8.195         | -0.006        | 93  | 389394   | 5.00         | 4.81           |       |
| 72 Methyl methacrylate             | 69  | 8.287     | 8.275         | 0.012         | 90  | 74775    | 5.00         | 4.46           |       |
| 73 1,4-Dioxane                     | 88  | 8.287     | 8.281         | 0.006         | 29  | 11002    | 125.0        | 135.1          |       |
| 74 Dibromomethane                  | 93  | 8.287     | 8.281         | 0.006         | 95  | 104452   | 5.00         | 5.27           |       |
| 76 Dichlorobromomethane            | 83  | 8.524     | 8.525         | 0.000         | 99  | 293806   | 5.00         | 4.93           |       |
| 77 2-Nitropropane                  | 41  | 8.805     | 8.793         | 0.012         | 98  | 22858    | 5.00         | 4.40           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.933     | 8.927         | 0.006         | 98  | 224968   | 5.00         | 4.72           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.097     | 9.098         | -0.001        | 96  | 335614   | 5.00         | 4.60           |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  | 9.280     | 9.274         | 0.006         | 96  | 1340150  | 62.5         | 57.6           |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93  | 1833090  | 10.0         | 10.0           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98  | 704269   | 5.00         | 4.96           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.792     | 9.786         | 0.006         | 93  | 252923   | 5.00         | 4.50           |       |
| 86 Ethyl methacrylate              | 69  | 9.860     | 9.860         | 0.000         | 89  | 178838   | 5.00         | 4.50           |       |
| 87 1,1,2-Trichloroethane           | 97  | 9.994     | 9.994         | 0.000         | 90  | 151519   | 5.00         | 4.80           |       |
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 98  | 329423   | 5.00         | 4.91           |       |
| 108 1,3-Dichloropropane            | 76  | 10.164    | 10.164        | 0.000         | 90  | 261819   | 5.00         | 4.77           |       |
| 109 2-Hexanone                     | 43  | 10.225    | 10.219        | 0.006         | 95  | 882615   | 62.5         | 59.4           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.384        | 0.006         | 90  | 190866   | 5.00         | 4.90           |       |
| 112 Ethylene Dibromide             | 107 | 10.506    | 10.500        | 0.006         | 97  | 138983   | 5.00         | 5.08           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85  | 1317556  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 392143   | 5.00         | 4.39           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.969        | 0.006         | 95  | 749888   | 5.00         | 4.99           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.061        | -0.001        | 96  | 247793   | 5.00         | 5.01           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.061        | 0.006         | 98  | 1383901  | 5.00         | 4.94           |       |
| 118 m-Xylene & p-Xylene            | 106 | 11.182    | 11.183        | -0.001        | 100 | 1043857  | 10.0         | 9.79           |       |
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97  | 508109   | 5.00         | 5.03           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 94  | 802252   | 5.00         | 4.95           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 97  | 101856   | 5.00         | 5.06           |       |
| 123 Isopropylbenzene               | 105 | 11.823    | 11.823        | 0.000         | 95  | 1381112  | 5.00         | 5.59           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.969    | 11.969        | 0.000         | 93  | 621224   | 10.0         | 9.39           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.073    | 12.073        | -0.001        | 94  | 174962   | 5.00         | 4.97           |       |
| 128 Bromobenzene                   | 156 | 12.085    | 12.085        | 0.000         | 95  | 290672   | 5.00         | 5.09           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.097        | 0.006         | 91  | 153497   | 25.0         | 17.9           |       |

| Compound                        | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 130 1,2,3-Trichloropropane      | 110 | 12.115    | 12.115        | 0.000         | 79 | 45526    | 5.00         | 5.16           |       |
| 131 N-Propylbenzene             | 91  | 12.158    | 12.158        | 0.000         | 99 | 1601273  | 5.00         | 5.04           |       |
| 132 2-Chlorotoluene             | 126 | 12.231    | 12.231        | 0.000         | 97 | 306367   | 5.00         | 5.05           |       |
| 133 1,3,5-Trimethylbenzene      | 105 | 12.298    | 12.298        | 0.000         | 93 | 1122772  | 5.00         | 5.05           |       |
| 134 4-Chlorotoluene             | 126 | 12.329    | 12.329        | 0.000         | 98 | 308882   | 5.00         | 5.05           |       |
| 135 tert-Butylbenzene           | 134 | 12.542    | 12.542        | 0.000         | 93 | 230076   | 5.00         | 4.69           |       |
| 137 1,2,4-Trimethylbenzene      | 105 | 12.585    | 12.585        | 0.000         | 97 | 1109258  | 5.00         | 4.91           |       |
| 138 sec-Butylbenzene            | 105 | 12.707    | 12.707        | 0.000         | 94 | 1429826  | 5.00         | 4.99           |       |
| 139 1,3-Dichlorobenzene         | 146 | 12.804    | 12.804        | 0.000         | 98 | 589946   | 5.00         | 5.16           |       |
| 140 4-Isopropyltoluene          | 119 | 12.816    | 12.816        | 0.000         | 97 | 1200749  | 5.00         | 4.89           |       |
| * 141 1,4-Dichlorobenzene-d4    | 152 | 12.859    | 12.859        | 0.000         | 94 | 714279   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene         | 146 | 12.877    | 12.877        | 0.000         | 96 | 595868   | 5.00         | 5.06           |       |
| 143 1,2,3-Trimethylbenzene      | 120 | 12.889    | 12.890        | -0.001        | 98 | 490554   | 5.00         | 5.15           |       |
| 144 Benzyl chloride             | 126 | 12.956    | 12.957        | -0.001        | 98 | 67459    | 5.00         | 4.86           |       |
| 145 p-Diethylbenzene            | 119 | 13.091    | 13.091        | 0.000         | 93 | 730518   | 5.00         | 5.08           |       |
| 146 n-Butylbenzene              | 92  | 13.109    | 13.109        | 0.000         | 96 | 570814   | 5.00         | 4.93           |       |
| 147 1,2-Dichlorobenzene         | 146 | 13.139    | 13.133        | 0.006         | 99 | 511750   | 5.00         | 5.13           |       |
| 148 1,2-Dibromo-3-Chloropropane | 155 | 13.682    | 13.682        | 0.000         | 87 | 20214    | 5.00         | 4.33           |       |
| 150 1,3,5-Trichlorobenzene      | 180 | 13.810    | 13.810        | 0.000         | 98 | 415313   | 5.00         | 4.95           |       |
| 151 1,2,4-Trichlorobenzene      | 180 | 14.231    | 14.231        | 0.000         | 93 | 306745   | 5.00         | 4.57           |       |
| 152 Hexachlorobutadiene         | 225 | 14.316    | 14.316        | 0.000         | 95 | 145631   | 5.00         | 4.38           |       |
| 153 Naphthalene                 | 128 | 14.414    | 14.408        | 0.006         | 97 | 435881   | 5.00         | 3.97           |       |
| 154 1,2,3-Trichlorobenzene      | 180 | 14.554    | 14.554        | 0.000         | 95 | 222294   | 5.00         | 4.03           |       |
| 157 Pentane                     | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

### Reagents:

MSV\_QC\_Gas826\_00282

Amount Added: 12.50

Units: uL

MSV\_LCS\_VOC#1\_00242

Amount Added: 12.50

Units: uL

MSV\_LLcentISS\_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 07-Oct-2025 15:14:23

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X05.D

Injection Date: 07-Oct-2025 10:24:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: LCS

Worklist Smp#: 6

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

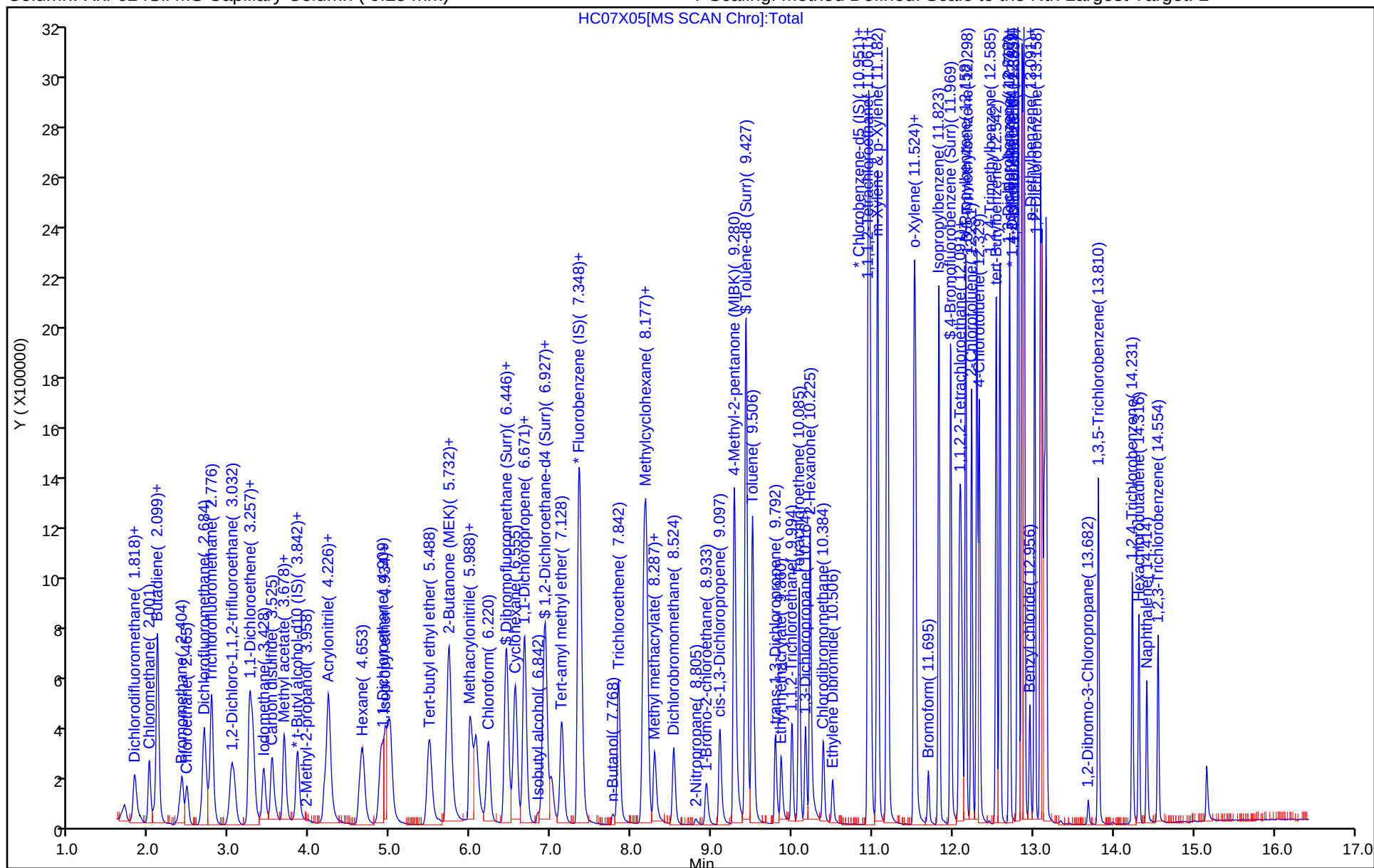
ALS Bottle#: 5

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X05.D  
Lims ID: LCS  
Client ID:  
Sample Type: LCS  
Inject. Date: 07-Oct-2025 10:24:30 ALS Bottle#: 5 Worklist Smp#: 6  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0162228-006  
Operator ID: ecr105096 Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 07-Oct-2025 15:14:14 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 10:47:21

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.1             | 101.19 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.3             | 102.55 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 10.0             | 100.01 |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.39             | 93.86  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCSD 410-708376/5

Matrix: Water

Lab File ID: HC02X04.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 19:29

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | 5.23   |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 5.55   |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 5.34   |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | 5.17   |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | 5.52   |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 6.10   |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | 5.30   |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | 4.98   |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | 5.48   |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | 62.7   |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | 66.9   |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | 65.1   |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | 56.4   |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | 5.45   |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | 5.82   |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | 5.55   |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | 5.55   |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | 5.14   |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | 5.50   |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | 5.68   |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | 5.17   |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | 4.94   |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 5.58   |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | 4.66   |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 5.78   |   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | 5.21   |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | 5.13   |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | 5.21   |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | 5.03   |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | 5.74   |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | 5.26   |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 5.09   |   | 0.50 | 0.20  |



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: \_\_\_\_\_      Lab Sample ID: LCSD 410-708376/5

Matrix: Water      Lab File ID: HC02X04.D

Analysis Method: 8260D      Date Collected: \_\_\_\_\_

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 19:29

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | 5.19   |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | 5.93   |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | 4.96   |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 5.43   |   | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | 4.99   |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | 15.8   |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 95   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 103  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 96   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X04.D  
 Lims ID: LCSD  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 02-Oct-2025 19:29:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-005  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 14:54:25 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: HR3Z

Date: 02-Oct-2025 19:54:27

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane                | 85  | 1.824     | 1.812         | 0.012         | 99  | 303492   | 5.00         | 5.55           |       |
| 5 Chloromethane                          | 50  | 2.007     | 1.995         | 0.012         | 99  | 336542   | 5.00         | 4.66           |       |
| 6 Butadiene                              | 39  | 2.105     | 2.093         | 0.012         | 90  | 335168   | 5.00         | 4.83           |       |
| 7 Vinyl chloride                         | 62  | 2.117     | 2.105         | 0.012         | 97  | 325592   | 5.00         | 4.99           |       |
| 9 Bromomethane                           | 94  | 2.416     | 2.404         | 0.012         | 90  | 238451   | 5.00         | 5.14           |       |
| 10 Chloroethane                          | 64  | 2.477     | 2.465         | 0.012         | 100 | 202432   | 5.00         | 4.94           |       |
| 11 Dichlorofluoromethane                 | 67  | 2.690     | 2.678         | 0.012         | 97  | 536689   | 5.00         | 4.89           |       |
| 12 Trichlorofluoromethane                | 101 | 2.769     | 2.757         | 0.012         | 98  | 358011   | 5.00         | 4.23           |       |
| 14 1,2-Dichloro-1,1,2-trifluoroethane    | 67  | 3.038     | 3.026         | 0.012         | 95  | 323724   | 5.00         | 5.13           |       |
| 17 1,1-Dichloroethene                    | 96  | 3.251     | 3.239         | 0.012         | 98  | 260920   | 5.00         | 6.10           |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 3.288     | 3.276         | 0.012         | 92  | 261135   | 5.00         | 6.22           |       |
| 19 Acetone                               | 43  | 3.300     | 3.282         | 0.018         | 66  | 250530   | 62.5         | 56.4           |       |
| 20 Iodomethane                           | 142 | 3.434     | 3.416         | 0.018         | 99  | 436283   | 5.00         | 5.32           |       |
| 23 Carbon disulfide                      | 76  | 3.538     | 3.519         | 0.019         | 99  | 720840   | 5.00         | 5.50           |       |
| 24 Methyl acetate                        | 43  | 3.678     | 3.660         | 0.018         | 24  | 55937    | 5.00         | 5.27           | M     |
| 25 3-Chloro-1-propene                    | 41  | 3.690     | 3.672         | 0.018         | 93  | 394761   | 5.00         | 4.67           |       |
| 27 Methylene Chloride                    | 84  | 3.855     | 3.836         | 0.019         | 91  | 257619   | 5.00         | 5.74           |       |
| * 28 t-Butyl alcohol-d10 (IS)            | 65  | 3.867     | 3.873         | -0.006        | 0   | 62529    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol                   | 59  | 3.983     | 3.958         | 0.025         | 97  | 64083    | 50.0         | 47.1           |       |
| 30 Acrylonitrile                         | 53  | 4.196     | 4.178         | 0.018         | 98  | 149667   | 25.0         | 26.9           | M     |
| 31 Methyl tert-butyl ether               | 73  | 4.220     | 4.208         | 0.012         | 96  | 494751   | 5.00         | 5.03           |       |
| 33 trans-1,2-Dichloroethene              | 96  | 4.245     | 4.221         | 0.024         | 99  | 281113   | 5.00         | 5.93           |       |
| 34 Hexane                                | 57  | 4.659     | 4.641         | 0.018         | 92  | 393213   | 5.00         | 5.47           |       |
| 35 1,1-Dichloroethane                    | 63  | 4.891     | 4.873         | 0.018         | 95  | 505532   | 5.00         | 5.52           |       |
| 37 Isopropyl ether                       | 45  | 4.952     | 4.934         | 0.018         | 94  | 777956   | 5.00         | 5.03           |       |
| 38 2-Chloro-1,3-butadiene                | 53  | 5.001     | 4.989         | 0.012         | 90  | 405175   | 5.00         | 5.11           |       |
| 39 Tert-butyl ethyl ether                | 59  | 5.488     | 5.482         | 0.006         | 98  | 687929   | 5.00         | 5.13           |       |
| 41 2-Butanone (MEK)                      | 43  | 5.702     | 5.684         | 0.018         | 98  | 477089   | 62.5         | 62.7           |       |
| 42 cis-1,2-Dichloroethene                | 96  | 5.732     | 5.720         | 0.012         | 83  | 298179   | 5.00         | 5.78           |       |
| 43 2,2-Dichloropropane                   | 77  | 5.751     | 5.732         | 0.018         | 84  | 421274   | 5.00         | 5.26           |       |
| 44 Propionitrile                         | 54  | 5.830     | 5.769         | 0.061         | 96  | 58638    | 37.5         | 30.9           | M     |
| 46 Methacrylonitrile                     | 67  | 5.994     | 5.982         | 0.012         | 91  | 356394   | 37.5         | 46.6           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 47 Chlorobromomethane              | 128 | 6.068     | 6.056         | 0.012         | 94 | 113520   | 5.00         | 5.82           |       |
| 48 Tetrahydrofuran                 | 71  | 6.086     | 6.086         | 0.000         | 70 | 59074    | 25.0         | 27.6           |       |
| 50 Chloroform                      | 83  | 6.226     | 6.214         | 0.012         | 93 | 474598   | 5.00         | 5.58           |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.439     | 6.434         | 0.005         | 94 | 401767   | 10.0         | 10.3           | Ma    |
| 52 1,1,1-Trichloroethane           | 97  | 6.452     | 6.446         | 0.006         | 98 | 441861   | 5.00         | 5.55           |       |
| 54 Cyclohexane                     | 56  | 6.561     | 6.555         | 0.006         | 90 | 506580   | 5.00         | 5.18           |       |
| 55 1,1-Dichloropropene             | 75  | 6.671     | 6.665         | 0.006         | 96 | 400561   | 5.00         | 5.46           |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.665         | 0.006         | 91 | 381391   | 5.00         | 5.68           |       |
| 57 Isobutyl alcohol                | 41  | 6.830     | 6.818         | 0.012         | 95 | 44443    | 125.0        | 83.6           |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 0  | 71157    | 10.0         | 10.0           |       |
| 59 Benzene                         | 78  | 6.933     | 6.927         | 0.006         | 97 | 1138439  | 5.00         | 5.45           |       |
| 60 1,2-Dichloroethane              | 62  | 7.006     | 7.000         | 0.006         | 97 | 233365   | 5.00         | 4.98           |       |
| 62 Tert-amyl methyl ether          | 73  | 7.140     | 7.129         | 0.012         | 99 | 594426   | 5.00         | 5.12           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 98 | 1684941  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.366         | 0.006         | 92 | 382341   | 5.00         | 5.03           |       |
| 66 n-Butanol                       | 56  | 7.762     | 7.732         | 0.030         | 94 | 93768    | 250.0        | 235.4          | M     |
| 67 Trichloroethene                 | 95  | 7.842     | 7.836         | 0.006         | 98 | 296845   | 5.00         | 5.43           |       |
| 69 Methylcyclohexane               | 83  | 8.159     | 8.153         | 0.006         | 92 | 523964   | 5.00         | 5.51           |       |
| 70 1,2-Dichloropropane             | 63  | 8.177     | 8.171         | 0.006         | 95 | 275064   | 5.00         | 5.48           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.189         | 0.006         | 93 | 404933   | 5.00         | 5.33           |       |
| 72 Methyl methacrylate             | 69  | 8.287     | 8.275         | 0.012         | 83 | 81301    | 5.00         | 5.21           |       |
| 73 1,4-Dioxane                     | 88  | 8.287     | 8.275         | 0.012         | 29 | 12903    | 125.0        | 163.8          |       |
| 74 Dibromomethane                  | 93  | 8.293     | 8.281         | 0.012         | 95 | 105763   | 5.00         | 5.69           |       |
| 76 Dichlorobromomethane            | 83  | 8.530     | 8.525         | 0.005         | 99 | 310765   | 5.00         | 5.55           |       |
| 77 2-Nitropropane                  | 41  | 8.799     | 8.793         | 0.006         | 96 | 20698    | 5.00         | 4.28           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.939     | 8.927         | 0.012         | 98 | 217536   | 5.00         | 4.86           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.104     | 9.098         | 0.006         | 97 | 356591   | 5.00         | 5.21           |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  | 9.280     | 9.281         | -0.001        | 96 | 1410021  | 62.5         | 65.1           |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93 | 1761286  | 10.0         | 9.64           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98 | 735178   | 5.00         | 5.19           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.792     | 9.787         | 0.005         | 93 | 278109   | 5.00         | 4.96           |       |
| 86 Ethyl methacrylate              | 69  | 9.859     | 9.860         | -0.001        | 89 | 195655   | 5.00         | 4.93           |       |
| 87 1,1,2-Trichloroethane           | 97  | 10.000    | 9.994         | 0.006         | 90 | 162686   | 5.00         | 5.17           |       |
| 107 Tetrachloroethene              | 166 | 10.091    | 10.085        | 0.006         | 98 | 340545   | 5.00         | 5.09           |       |
| 108 1,3-Dichloropropane            | 76  | 10.164    | 10.165        | 0.000         | 91 | 270462   | 5.00         | 4.94           |       |
| 109 2-Hexanone                     | 43  | 10.225    | 10.219        | 0.006         | 95 | 926930   | 62.5         | 66.9           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 90 | 199394   | 5.00         | 5.13           |       |
| 112 Ethylene Dibromide             | 107 | 10.506    | 10.500        | 0.006         | 99 | 144721   | 5.00         | 5.30           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 86 | 1313578  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98 | 414446   | 5.00         | 4.65           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 95 | 774250   | 5.00         | 5.17           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.060    | 11.061        | -0.001        | 96 | 257780   | 5.00         | 5.23           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 98 | 1455525  | 5.00         | 5.21           |       |
| 118 m-Xylene & p-Xylene            | 106 | 11.182    | 11.183        | -0.001        | 99 | 1119843  | 10.0         | 10.5           |       |
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97 | 528983   | 5.00         | 5.25           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 95 | 849743   | 5.00         | 5.26           |       |
| 122 Bromoform                      | 173 | 11.694    | 11.695        | -0.001        | 97 | 111388   | 5.00         | 5.55           |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.823        | 0.006         | 95 | 1452879  | 5.00         | 5.90           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.969    | 11.969        | 0.000         | 93 | 623854   | 10.0         | 9.45           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.072    | 12.073        | -0.001        | 93 | 187637   | 5.00         | 5.34           |       |
| 128 Bromobenzene                   | 156 | 12.085    | 12.085        | 0.000         | 95 | 308656   | 5.00         | 5.41           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.097        | 0.006         | 92 | 151863   | 25.0         | 19.0           |       |

| Compound                        | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 130 1,2,3-Trichloropropane      | 110 | 12.121    | 12.121        | 0.000         | 81 | 47888    | 5.00         | 5.44           |       |
| 131 N-Propylbenzene             | 91  | 12.158    | 12.158        | 0.000         | 99 | 1688910  | 5.00         | 5.33           |       |
| 132 2-Chlorotoluene             | 126 | 12.231    | 12.231        | 0.000         | 97 | 323493   | 5.00         | 5.34           |       |
| 133 1,3,5-Trimethylbenzene      | 105 | 12.298    | 12.298        | 0.000         | 95 | 1184538  | 5.00         | 5.34           |       |
| 134 4-Chlorotoluene             | 126 | 12.328    | 12.329        | -0.001        | 98 | 333190   | 5.00         | 5.46           |       |
| 135 tert-Butylbenzene           | 134 | 12.542    | 12.542        | 0.000         | 93 | 242712   | 5.00         | 4.95           |       |
| 137 1,2,4-Trimethylbenzene      | 105 | 12.585    | 12.585        | 0.000         | 98 | 1185079  | 5.00         | 5.26           |       |
| 138 sec-Butylbenzene            | 105 | 12.706    | 12.707        | -0.001        | 94 | 1527643  | 5.00         | 5.34           |       |
| 139 1,3-Dichlorobenzene         | 146 | 12.804    | 12.804        | 0.000         | 99 | 624536   | 5.00         | 5.48           |       |
| 140 4-Isopropyltoluene          | 119 | 12.816    | 12.816        | 0.000         | 97 | 1270834  | 5.00         | 5.19           |       |
| * 141 1,4-Dichlorobenzene-d4    | 152 | 12.859    | 12.859        | 0.000         | 94 | 712595   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene         | 146 | 12.877    | 12.877        | 0.000         | 95 | 621445   | 5.00         | 5.29           |       |
| 143 1,2,3-Trimethylbenzene      | 120 | 12.889    | 12.890        | -0.001        | 98 | 509961   | 5.00         | 5.37           |       |
| 144 Benzyl chloride             | 126 | 12.956    | 12.957        | -0.001        | 98 | 71046    | 5.00         | 5.13           |       |
| 145 p-Diethylbenzene            | 119 | 13.091    | 13.091        | 0.000         | 93 | 774284   | 5.00         | 5.39           |       |
| 146 n-Butylbenzene              | 92  | 13.109    | 13.109        | 0.000         | 98 | 616607   | 5.00         | 5.34           |       |
| 147 1,2-Dichlorobenzene         | 146 | 13.139    | 13.140        | -0.001        | 99 | 534730   | 5.00         | 5.38           |       |
| 148 1,2-Dibromo-3-Chloropropane | 155 | 13.688    | 13.682        | 0.006         | 87 | 21901    | 5.00         | 4.70           |       |
| 150 1,3,5-Trichlorobenzene      | 180 | 13.810    | 13.810        | 0.000         | 98 | 436490   | 5.00         | 5.21           |       |
| 151 1,2,4-Trichlorobenzene      | 180 | 14.231    | 14.231        | 0.000         | 93 | 339069   | 5.00         | 5.06           |       |
| 152 Hexachlorobutadiene         | 225 | 14.316    | 14.316        | 0.000         | 95 | 158034   | 5.00         | 4.77           |       |
| 153 Naphthalene                 | 128 | 14.413    | 14.414        | -0.001        | 97 | 498239   | 5.00         | 4.54           |       |
| 154 1,2,3-Trichlorobenzene      | 180 | 14.554    | 14.554        | 0.000         | 96 | 265049   | 5.00         | 4.81           |       |
| 157 Pentane                     | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

**QC Flag Legend**

## Processing Flags

ND - Not Detected or Marked ND

## Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

MSV\_QC\_Gas826\_00281

Amount Added: 12.50

Units: uL

MSV\_LCS\_VOC#1\_00240

Amount Added: 12.50

Units: uL

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 14:55:23

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X04.D

Injection Date: 02-Oct-2025 19:29:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

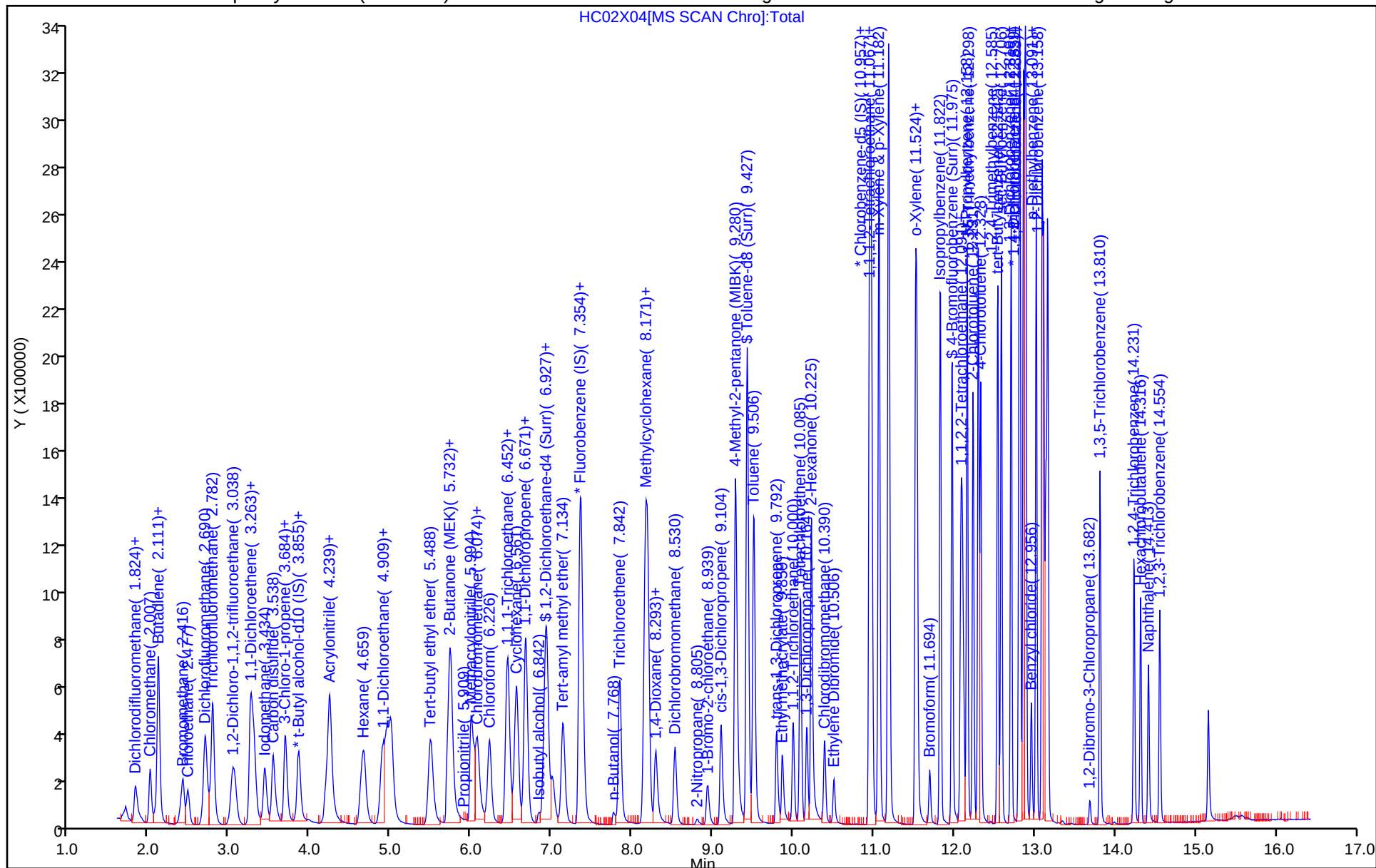
ALS Bottle#: 4

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X04.D  
Lims ID: LCSD  
Client ID:  
Sample Type: LCSD  
Inject. Date: 02-Oct-2025 19:29:30 ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-005  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 14:54:25 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: HR3Z

Date: 02-Oct-2025 19:54:27

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.3             | 102.73 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.0             | 100.34 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.64             | 96.38  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.45             | 94.54  |

## Eurofins Lancaster Laboratories Environment Testing, LLC

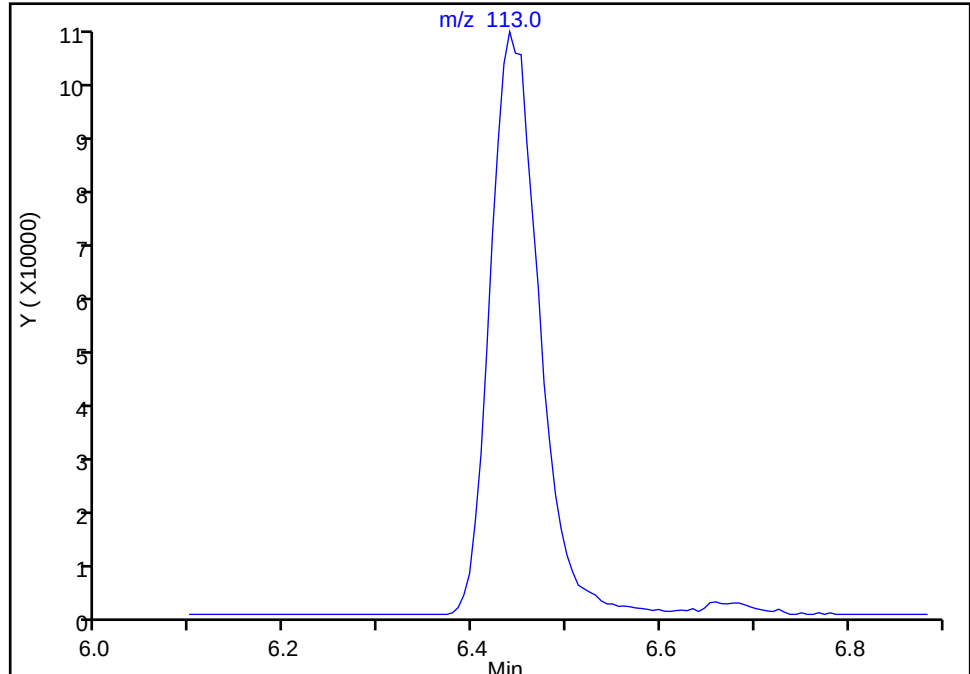
Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X04.D  
Injection Date: 02-Oct-2025 19:29:30 Instrument ID: 19094  
Lims ID: LCSD  
Client ID:  
Operator ID: hr3z ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Method: MSV\_19094\_25mL Limit Group: MSV - 8260C\_D  
Column: Rxi-624Sil MS Capillary Column ( 0.25mm ID) Detector: MS Quad

**\$ 51 Dibromofluoromethane (Surr), CAS: 1868-53-7**

Signal: 1

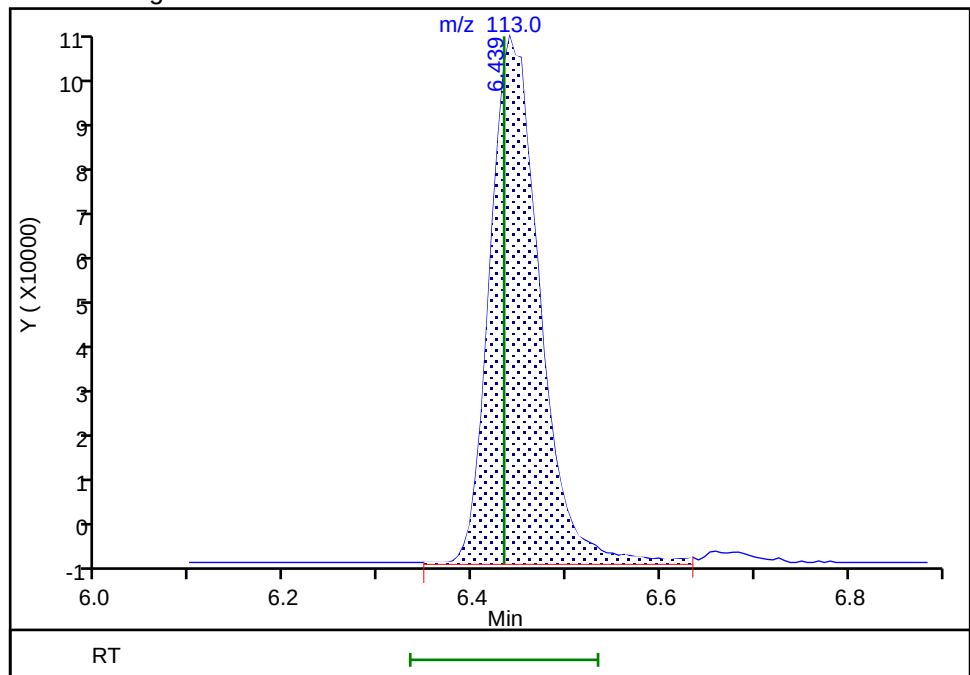
Not Detected  
Expected RT: 6.43

## Processing Integration Results



RT: 6.44  
Area: 401767  
Amount: 10.273201  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HR3Z, 02-Oct-2025 19:53:35 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCSD 410-710012/7

Matrix: Water

Lab File ID: HC07X06.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 10/07/2025 10:44

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710012

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | 5.01   |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 5.03   |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 4.91   |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | 4.90   |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | 5.02   |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 5.61   |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | 5.13   |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | 4.41   |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | 4.88   |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | 59.6   |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | 62.1   |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | 61.6   |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | 54.9   |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | 4.89   |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | 5.26   |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | 4.96   |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | 5.04   |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | 5.19   |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | 5.05   |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | 5.27   |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | 4.97   |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | 5.03   |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 5.10   |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | 4.89   |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 5.18   |   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | 4.47   |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | 4.90   |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | 4.87   |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | 4.60   |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | 5.18   |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | 4.94   |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 4.84   |   | 0.50 | 0.20  |



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: \_\_\_\_\_      Lab Sample ID: LCSD 410-710012/7

Matrix: Water      Lab File ID: HC07X06.D

Analysis Method: 8260D      Date Collected: \_\_\_\_\_

Sample wt/vol: 25 (mL)      Date Analyzed: 10/07/2025 10:44

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 710012      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | 5.01   |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | 5.37   |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | 4.58   |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 4.89   |   | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | 5.35   |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | 14.9   |   | 1.0  | 0.070 |

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

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X06.D  
 Lims ID: LCSD  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 07-Oct-2025 10:44:30 ALS Bottle#: 6 Worklist Smp#: 7  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0162228-007  
 Operator ID: ecr105096 Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 07-Oct-2025 15:14:14 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 11:20:33

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane                | 85  | 1.831     | 1.819         | 0.013         | 99  | 391883   | 5.00         | 6.71           |       |
| 5 Chloromethane                          | 50  | 2.014     | 2.001         | 0.013         | 98  | 376737   | 5.00         | 4.89           |       |
| 6 Butadiene                              | 39  | 2.111     | 2.099         | 0.012         | 90  | 372589   | 5.00         | 5.03           |       |
| 7 Vinyl chloride                         | 62  | 2.117     | 2.111         | 0.006         | 97  | 373106   | 5.00         | 5.35           |       |
| 9 Bromomethane                           | 94  | 2.416     | 2.410         | 0.006         | 90  | 256795   | 5.00         | 5.19           |       |
| 10 Chloroethane                          | 64  | 2.477     | 2.465         | 0.012         | 100 | 220122   | 5.00         | 5.03           |       |
| 11 Dichlorofluoromethane                 | 67  | 2.696     | 2.678         | 0.018         | 97  | 550541   | 5.00         | 4.70           |       |
| 12 Trichlorofluoromethane                | 101 | 2.776     | 2.763         | 0.013         | 98  | 385002   | 5.00         | 4.26           |       |
| 14 1,2-Dichloro-1,1,2-trifluoroethane    | 67  | 3.044     | 3.038         | 0.006         | 92  | 339143   | 5.00         | 5.03           |       |
| 17 1,1-Dichloroethene                    | 96  | 3.257     | 3.245         | 0.012         | 98  | 256041   | 5.00         | 5.61           |       |
| 19 Acetone                               | 43  | 3.300     | 3.282         | 0.018         | 75  | 248692   | 62.5         | 54.9           |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 3.294     | 3.282         | 0.012         | 92  | 254063   | 5.00         | 5.67           |       |
| 20 Iodomethane                           | 142 | 3.434     | 3.422         | 0.012         | 99  | 435059   | 5.00         | 4.97           |       |
| 23 Carbon disulfide                      | 76  | 3.538     | 3.525         | 0.013         | 99  | 707606   | 5.00         | 5.05           |       |
| 24 Methyl acetate                        | 43  | 3.684     | 3.660         | 0.024         | 27  | 62145    | 5.00         | 5.74           |       |
| 25 3-Chloro-1-propene                    | 41  | 3.690     | 3.672         | 0.018         | 93  | 389107   | 5.00         | 4.31           |       |
| 27 Methylene Chloride                    | 84  | 3.855     | 3.843         | 0.013         | 91  | 248296   | 5.00         | 5.18           |       |
| * 28 t-Butyl alcohol-d10 (IS)            | 65  | 3.879     | 3.867         | 0.012         | 98  | 63736    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol                   | 59  | 3.971     | 3.952         | 0.019         | 98  | 62192    | 50.0         | 44.9           |       |
| 30 Acrylonitrile                         | 53  | 4.196     | 4.184         | 0.012         | 99  | 115857   | 25.0         | 20.6           |       |
| 31 Methyl tert-butyl ether               | 73  | 4.227     | 4.208         | 0.019         | 95  | 482842   | 5.00         | 4.60           |       |
| 33 trans-1,2-Dichloroethene              | 96  | 4.239     | 4.227         | 0.012         | 99  | 271834   | 5.00         | 5.37           |       |
| 34 Hexane                                | 57  | 4.666     | 4.653         | 0.013         | 92  | 385498   | 5.00         | 5.02           |       |
| 35 1,1-Dichloroethane                    | 63  | 4.891     | 4.879         | 0.012         | 96  | 491020   | 5.00         | 5.02           |       |
| 37 Isopropyl ether                       | 45  | 4.952     | 4.940         | 0.012         | 94  | 749319   | 5.00         | 4.54           |       |
| 38 2-Chloro-1,3-butadiene                | 53  | 5.007     | 4.995         | 0.012         | 90  | 394096   | 5.00         | 4.66           |       |
| 39 Tert-butyl ethyl ether                | 59  | 5.495     | 5.482         | 0.013         | 98  | 660447   | 5.00         | 4.61           |       |
| 41 2-Butanone (MEK)                      | 43  | 5.702     | 5.684         | 0.018         | 99  | 462038   | 62.5         | 59.6           |       |
| 42 cis-1,2-Dichloroethene                | 96  | 5.738     | 5.726         | 0.012         | 83  | 285080   | 5.00         | 5.18           |       |
| 43 2,2-Dichloropropane                   | 77  | 5.751     | 5.738         | 0.013         | 86  | 400927   | 5.00         | 4.69           |       |
| 44 Propionitrile                         | 54  | 5.824     | 5.763         | 0.061         | 98  | 60735    | 37.5         | 31.4           |       |
| 46 Methacrylonitrile                     | 67  | 6.001     | 5.982         | 0.019         | 91  | 344356   | 37.5         | 44.1           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 47 Chlorobromomethane              | 128 | 6.074     | 6.062         | 0.012         | 95  | 109679   | 5.00         | 5.26           |       |
| 48 Tetrahydrofuran                 | 71  | 6.086     | 6.068         | 0.018         | 73  | 60312    | 25.0         | 27.7           |       |
| 50 Chloroform                      | 83  | 6.226     | 6.220         | 0.006         | 94  | 463581   | 5.00         | 5.10           |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.440     | 6.440         | 0.000         | 94  | 415120   | 10.0         | 9.94           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.458     | 6.452         | 0.006         | 98  | 427375   | 5.00         | 5.03           |       |
| 54 Cyclohexane                     | 56  | 6.561     | 6.555         | 0.006         | 89  | 489571   | 5.00         | 4.69           |       |
| 55 1,1-Dichloropropene             | 75  | 6.677     | 6.665         | 0.012         | 96  | 384425   | 5.00         | 4.90           |       |
| 56 Carbon tetrachloride            | 117 | 6.677     | 6.665         | 0.012         | 87  | 377870   | 5.00         | 5.27           |       |
| 57 Isobutyl alcohol                | 41  | 6.836     | 6.824         | 0.012         | 92  | 47186    | 125.0        | 87.1           |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.903     | 6.903         | 0.000         | 84  | 78438    | 10.0         | 10.4           |       |
| 59 Benzene                         | 78  | 6.933     | 6.927         | 0.006         | 96  | 1090551  | 5.00         | 4.89           |       |
| 60 1,2-Dichloroethane              | 62  | 7.007     | 7.000         | 0.007         | 98  | 220666   | 5.00         | 4.41           |       |
| 62 Tert-amyl methyl ether          | 73  | 7.141     | 7.135         | 0.006         | 99  | 578300   | 5.00         | 4.67           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.348         | 0.000         | 98  | 1798940  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.366         | 0.006         | 92  | 358748   | 5.00         | 4.42           |       |
| 66 n-Butanol                       | 56  | 7.769     | 7.732         | 0.037         | 89  | 73699    | 250.0        | 189.9          |       |
| 67 Trichloroethene                 | 95  | 7.842     | 7.836         | 0.006         | 97  | 285363   | 5.00         | 4.89           |       |
| 69 Methylcyclohexane               | 83  | 8.153     | 8.153         | 0.000         | 93  | 492060   | 5.00         | 4.84           |       |
| 70 1,2-Dichloropropane             | 63  | 8.171     | 8.165         | 0.006         | 97  | 261324   | 5.00         | 4.88           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.195         | 0.000         | 93  | 392336   | 5.00         | 4.84           |       |
| 72 Methyl methacrylate             | 69  | 8.287     | 8.275         | 0.012         | 91  | 76046    | 5.00         | 4.78           |       |
| 73 1,4-Dioxane                     | 88  | 8.287     | 8.281         | 0.006         | 31  | 13279    | 125.0        | 165.2          | M     |
| 74 Dibromomethane                  | 93  | 8.287     | 8.281         | 0.006         | 94  | 99584    | 5.00         | 5.02           |       |
| 76 Dichlorobromomethane            | 83  | 8.531     | 8.525         | 0.007         | 99  | 296421   | 5.00         | 4.96           |       |
| 77 2-Nitropropane                  | 41  | 8.805     | 8.793         | 0.012         | 95  | 21678    | 5.00         | 4.40           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.933     | 8.927         | 0.006         | 98  | 219753   | 5.00         | 4.60           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.104     | 9.098         | 0.006         | 96  | 327170   | 5.00         | 4.47           |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  | 9.280     | 9.274         | 0.006         | 96  | 1361461  | 62.5         | 61.6           |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93  | 1833105  | 10.0         | 9.93           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98  | 716666   | 5.00         | 5.01           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.793     | 9.786         | 0.007         | 92  | 259432   | 5.00         | 4.58           |       |
| 86 Ethyl methacrylate              | 69  | 9.860     | 9.860         | 0.000         | 89  | 185609   | 5.00         | 4.63           |       |
| 87 1,1,2-Trichloroethane           | 97  | 9.994     | 9.994         | 0.000         | 90  | 155552   | 5.00         | 4.90           |       |
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 97  | 327368   | 5.00         | 4.84           |       |
| 108 1,3-Dichloropropane            | 76  | 10.171    | 10.164        | 0.007         | 90  | 264492   | 5.00         | 4.78           |       |
| 109 2-Hexanone                     | 43  | 10.225    | 10.219        | 0.006         | 95  | 876869   | 62.5         | 62.1           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.384        | 0.006         | 90  | 192267   | 5.00         | 4.90           |       |
| 112 Ethylene Dibromide             | 107 | 10.506    | 10.500        | 0.006         | 97  | 141397   | 5.00         | 5.13           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 87  | 1327492  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 391109   | 5.00         | 4.34           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.969        | 0.006         | 95  | 752790   | 5.00         | 4.97           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.061        | 0.000         | 95  | 249512   | 5.00         | 5.01           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.061        | 0.006         | 98  | 1375869  | 5.00         | 4.87           |       |
| 118 m-Xylene & p-Xylene            | 106 | 11.183    | 11.183        | 0.000         | 100 | 1065492  | 10.0         | 9.92           |       |
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97  | 510045   | 5.00         | 5.01           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 95  | 806560   | 5.00         | 4.94           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 98  | 102213   | 5.00         | 5.04           |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.823        | 0.006         | 96  | 1381268  | 5.00         | 5.55           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.969    | 11.969        | 0.000         | 94  | 623457   | 10.0         | 9.35           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.073    | 12.073        | 0.000         | 94  | 174431   | 5.00         | 4.91           |       |
| 128 Bromobenzene                   | 156 | 12.085    | 12.085        | 0.000         | 95  | 296342   | 5.00         | 5.14           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.097        | 0.006         | 93  | 153098   | 25.0         | 18.8           |       |

| Compound                        | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 130 1,2,3-Trichloropropane      | 110 | 12.115    | 12.115        | 0.000         | 79 | 45887    | 5.00         | 5.15           |       |
| 131 N-Propylbenzene             | 91  | 12.158    | 12.158        | 0.000         | 99 | 1600130  | 5.00         | 4.99           |       |
| 132 2-Chlorotoluene             | 126 | 12.231    | 12.231        | 0.000         | 97 | 307509   | 5.00         | 5.02           |       |
| 133 1,3,5-Trimethylbenzene      | 105 | 12.298    | 12.298        | 0.000         | 93 | 1126632  | 5.00         | 5.02           |       |
| 134 4-Chlorotoluene             | 126 | 12.329    | 12.329        | 0.000         | 97 | 306910   | 5.00         | 4.98           |       |
| 135 tert-Butylbenzene           | 134 | 12.542    | 12.542        | 0.000         | 93 | 235777   | 5.00         | 4.76           |       |
| 137 1,2,4-Trimethylbenzene      | 105 | 12.585    | 12.585        | 0.000         | 97 | 1129217  | 5.00         | 4.96           |       |
| 138 sec-Butylbenzene            | 105 | 12.707    | 12.707        | 0.000         | 94 | 1430512  | 5.00         | 4.95           |       |
| 139 1,3-Dichlorobenzene         | 146 | 12.804    | 12.804        | 0.000         | 99 | 592089   | 5.00         | 5.13           |       |
| 140 4-Isopropyltoluene          | 119 | 12.816    | 12.816        | 0.000         | 97 | 1207110  | 5.00         | 4.87           |       |
| * 141 1,4-Dichlorobenzene-d4    | 152 | 12.859    | 12.859        | 0.000         | 94 | 720829   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene         | 146 | 12.877    | 12.877        | 0.000         | 96 | 597751   | 5.00         | 5.03           |       |
| 143 1,2,3-Trimethylbenzene      | 120 | 12.890    | 12.890        | 0.000         | 98 | 486318   | 5.00         | 5.06           |       |
| 144 Benzyl chloride             | 126 | 12.957    | 12.957        | 0.000         | 98 | 68163    | 5.00         | 4.87           |       |
| 145 p-Diethylbenzene            | 119 | 13.091    | 13.091        | 0.000         | 94 | 753755   | 5.00         | 5.19           |       |
| 146 n-Butylbenzene              | 92  | 13.109    | 13.109        | 0.000         | 97 | 584403   | 5.00         | 5.00           |       |
| 147 1,2-Dichlorobenzene         | 146 | 13.139    | 13.133        | 0.006         | 99 | 510839   | 5.00         | 5.08           |       |
| 148 1,2-Dibromo-3-Chloropropane | 155 | 13.688    | 13.682        | 0.006         | 84 | 22499    | 5.00         | 4.77           |       |
| 150 1,3,5-Trichlorobenzene      | 180 | 13.810    | 13.810        | 0.000         | 98 | 418880   | 5.00         | 4.95           |       |
| 151 1,2,4-Trichlorobenzene      | 180 | 14.231    | 14.231        | 0.000         | 94 | 314737   | 5.00         | 4.64           |       |
| 152 Hexachlorobutadiene         | 225 | 14.316    | 14.316        | 0.000         | 95 | 151154   | 5.00         | 4.51           |       |
| 153 Naphthalene                 | 128 | 14.414    | 14.408        | 0.006         | 96 | 476306   | 5.00         | 4.29           |       |
| 154 1,2,3-Trichlorobenzene      | 180 | 14.554    | 14.554        | 0.000         | 95 | 248890   | 5.00         | 4.47           |       |
| 157 Pentane                     | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

M - Manually Integrated

### Reagents:

MSV\_QC\_Gas826\_00282

Amount Added: 12.50

Units: uL

MSV\_LCS\_VOC#1\_00242

Amount Added: 12.50

Units: uL

MSV\_LLcentISS\_00018

Amount Added: 5.00

Units: uL

Run Reagent

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X06.D

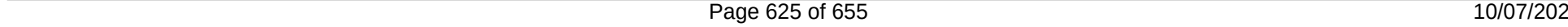
Operator ID: ecr105096

Worklist Smp#: 7

ALS Bottle#: 6

Limit Group: MSV - 8260C D

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\HC07X06.D  
Lims ID: LCSD  
Client ID:  
Sample Type: LCSD  
Inject. Date: 07-Oct-2025 10:44:30 ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0162228-007  
Operator ID: ecr105096 Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251007-162228.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 07-Oct-2025 15:14:14 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1686

First Level Reviewer: N7YK

Date: 07-Oct-2025 11:20:33

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 9.94             | 99.42  |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.4             | 103.60 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.93             | 99.26  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.35             | 93.49  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-6 MS

Matrix: Water

Lab File ID: HC02X15.D

Analysis Method: 8260D

Date Collected: 09/22/2025 12:15

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 23:20

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | 5.55   |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 6.40   |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 5.26   |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | 5.32   |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | 6.10   |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 6.91   |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | 5.48   |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | 5.20   |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | 5.81   |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | 66.1   |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | 68.3   |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | 65.4   |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | 59.5   |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | 5.85   |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | 6.22   |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | 5.83   |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | 5.48   |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | 5.63   |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | 6.18   |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | 6.49   |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | 5.45   |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | 5.81   |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 6.28   |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | 5.01   |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 7.26   |   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | 5.37   |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | 5.24   |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | 5.49   |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | 5.31   |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | 6.12   |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | 5.52   |   | 0.50 | 0.070 |
| 127-18-4   | Tetrachloroethene           | 9.98   |   | 0.50 | 0.20  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories      Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-15-0/1-0 MS MS      Lab Sample ID: 410-243359-6 MS

Matrix: Water      Lab File ID: HC02X15.D

Analysis Method: 8260D      Date Collected: 09/22/2025 12:15

Sample wt/vol: 25 (mL)      Date Analyzed: 10/02/2025 23:20

Soil Aliquot Vol: \_\_\_\_\_      Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376      Units: ug/L

Preparation Batch No.: \_\_\_\_\_      Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 108-88-3   | Toluene                   | 5.52   |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | 6.42   |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.02   |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 7.24   |   | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | 5.67   |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | 16.7   |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 105  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 93   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 104  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 95   |   | 80-120 |



Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X15.D  
 Lims ID: 410-243359-A-6 MS  
 Client ID: HD-COD-SW-15-0/1-0 MS  
 Sample Type: MS  
 Inject. Date: 02-Oct-2025 23:20:30 ALS Bottle#: 15 Worklist Smp#: 16  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-016  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:16:30 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:17:18

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane                | 85  | 1.819     | 1.812         | 0.006         | 99  | 341830   | 5.00         | 6.56           |       |
| 5 Chloromethane                          | 50  | 1.995     | 1.995         | 0.000         | 99  | 344614   | 5.00         | 5.01           |       |
| 6 Butadiene                              | 39  | 2.093     | 2.093         | 0.000         | 90  | 388436   | 5.00         | 5.88           |       |
| 7 Vinyl chloride                         | 62  | 2.105     | 2.105         | 0.000         | 98  | 352793   | 5.00         | 5.67           |       |
| 9 Bromomethane                           | 94  | 2.404     | 2.404         | 0.000         | 91  | 248558   | 5.00         | 5.63           |       |
| 10 Chloroethane                          | 64  | 2.471     | 2.465         | 0.006         | 100 | 226803   | 5.00         | 5.81           |       |
| 11 Dichlorofluoromethane                 | 67  | 2.672     | 2.678         | -0.006        | 97  | 583288   | 5.00         | 5.58           |       |
| 12 Trichlorofluoromethane                | 101 | 2.751     | 2.757         | -0.006        | 97  | 410852   | 5.00         | 5.09           |       |
| 14 1,2-Dichloro-1,1,2-trifluoroethane    | 67  | 3.032     | 3.026         | 0.006         | 92  | 362459   | 5.00         | 6.02           |       |
| 17 1,1-Dichloroethene                    | 96  | 3.245     | 3.239         | 0.006         | 98  | 281669   | 5.00         | 6.91           |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 3.282     | 3.276         | 0.006         | 93  | 281558   | 5.00         | 7.04           |       |
| 19 Acetone                               | 43  | 3.294     | 3.282         | 0.012         | 83  | 255051   | 62.6         | 59.5           |       |
| 20 Iodomethane                           | 142 | 3.422     | 3.416         | 0.006         | 98  | 450469   | 5.00         | 5.76           |       |
| 23 Carbon disulfide                      | 76  | 3.525     | 3.519         | 0.006         | 99  | 772581   | 5.00         | 6.18           |       |
| 24 Methyl acetate                        | 43  | 3.672     | 3.660         | 0.012         | 26  | 57121    | 5.00         | 5.58           |       |
| 25 3-Chloro-1-propene                    | 41  | 3.672     | 3.672         | 0.000         | 94  | 412121   | 5.00         | 5.12           |       |
| 27 Methylene Chloride                    | 84  | 3.836     | 3.836         | 0.000         | 92  | 261441   | 5.00         | 6.12           |       |
| * 28 t-Butyl alcohol-d10 (IS)            | 65  | 3.873     | 3.873         | 0.000         | 96  | 60315    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol                   | 59  | 3.971     | 3.958         | 0.013         | 81  | 55403    | 50.0         | 42.2           |       |
| 30 Acrylonitrile                         | 53  | 4.190     | 4.178         | 0.012         | 98  | 142704   | 25.0         | 26.6           |       |
| 31 Methyl tert-butyl ether               | 73  | 4.208     | 4.208         | 0.000         | 96  | 497001   | 5.00         | 5.31           |       |
| 33 trans-1,2-Dichloroethene              | 96  | 4.227     | 4.221         | 0.006         | 98  | 289618   | 5.00         | 6.42           |       |
| 34 Hexane                                | 57  | 4.641     | 4.641         | 0.000         | 91  | 426837   | 5.00         | 6.23           |       |
| 35 1,1-Dichloroethane                    | 63  | 4.879     | 4.873         | 0.006         | 96  | 532523   | 5.00         | 6.10           |       |
| 37 Isopropyl ether                       | 45  | 4.940     | 4.934         | 0.006         | 94  | 777487   | 5.00         | 5.28           |       |
| 38 2-Chloro-1,3-butadiene                | 53  | 4.995     | 4.989         | 0.006         | 90  | 422443   | 5.00         | 5.60           |       |
| 39 Tert-butyl ethyl ether                | 59  | 5.482     | 5.482         | 0.000         | 98  | 686472   | 5.00         | 5.38           |       |
| 41 2-Butanone (MEK)                      | 43  | 5.690     | 5.684         | 0.006         | 99  | 485393   | 62.6         | 66.1           |       |
| 42 cis-1,2-Dichloroethene                | 96  | 5.726     | 5.720         | 0.006         | 84  | 356688   | 5.00         | 7.26           |       |
| 43 2,2-Dichloropropane                   | 77  | 5.738     | 5.732         | 0.006         | 88  | 442612   | 5.00         | 5.80           |       |
| 44 Propionitrile                         | 54  | 5.824     | 5.769         | 0.055         | 95  | 50531    | 37.5         | 27.6           |       |
| 46 Methacrylonitrile                     | 67  | 5.988     | 5.982         | 0.006         | 91  | 348553   | 37.5         | 47.2           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 47 Chlorobromomethane              | 128 | 6.062     | 6.056         | 0.006         | 94  | 115610   | 5.00         | 6.22           |       |
| 48 Tetrahydrofuran                 | 71  | 6.086     | 6.086         | 0.000         | 78  | 61012    | 25.0         | 29.6           |       |
| 50 Chloroform                      | 83  | 6.220     | 6.214         | 0.006         | 93  | 508509   | 5.00         | 6.28           |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.433     | 6.434         | -0.001        | 94  | 385958   | 10.0         | 10.4           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.446     | 6.446         | 0.000         | 99  | 484897   | 5.00         | 6.40           |       |
| 54 Cyclohexane                     | 56  | 6.549     | 6.555         | -0.006        | 90  | 549683   | 5.00         | 5.90           |       |
| 55 1,1-Dichloropropene             | 75  | 6.665     | 6.665         | 0.000         | 96  | 422933   | 5.00         | 6.05           |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.665         | 0.006         | 96  | 415661   | 5.00         | 6.49           |       |
| 57 Isobutyl alcohol                | 41  | 6.830     | 6.818         | 0.012         | 93  | 40484    | 125.1        | 79.0           |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.891     | 6.897         | -0.006        | 64  | 70954    | 10.0         | 10.5           |       |
| 59 Benzene                         | 78  | 6.927     | 6.927         | 0.000         | 96  | 1164006  | 5.00         | 5.85           |       |
| 60 1,2-Dichloroethane              | 62  | 7.000     | 7.000         | 0.000         | 97  | 232080   | 5.00         | 5.20           |       |
| 62 Tert-amyl methyl ether          | 73  | 7.128     | 7.129         | 0.000         | 99  | 583660   | 5.00         | 5.28           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.342     | 7.342         | 0.000         | 98  | 1605012  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.366     | 7.366         | 0.000         | 91  | 411165   | 5.00         | 5.68           |       |
| 66 n-Butanol                       | 56  | 7.762     | 7.732         | 0.030         | 84  | 84025    | 250.2        | 221.3          |       |
| 67 Trichloroethene                 | 95  | 7.836     | 7.836         | 0.000         | 98  | 377147   | 5.00         | 7.24           |       |
| 69 Methylcyclohexane               | 83  | 8.147     | 8.153         | -0.006        | 92  | 559392   | 5.00         | 6.17           |       |
| 70 1,2-Dichloropropane             | 63  | 8.171     | 8.171         | 0.000         | 97  | 277825   | 5.00         | 5.81           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.189     | 8.189         | 0.000         | 93  | 404724   | 5.00         | 5.60           |       |
| 72 Methyl methacrylate             | 69  | 8.287     | 8.275         | 0.012         | 81  | 79466    | 5.00         | 5.28           |       |
| 73 1,4-Dioxane                     | 88  | 8.287     | 8.275         | 0.012         | 29  | 11058    | 125.1        | 148.2          |       |
| 74 Dibromomethane                  | 93  | 8.287     | 8.281         | 0.006         | 95  | 107199   | 5.00         | 6.05           |       |
| 76 Dichlorobromomethane            | 83  | 8.525     | 8.525         | 0.000         | 99  | 311044   | 5.00         | 5.83           |       |
| 77 2-Nitropropane                  | 41  | 8.799     | 8.793         | 0.006         | 97  | 18712    | 5.00         | 4.01           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.927     | 8.927         | 0.000         | 98  | 234320   | 5.00         | 5.49           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.098     | 9.098         | 0.000         | 96  | 350472   | 5.00         | 5.37           |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  | 9.280     | 9.281         | -0.001        | 96  | 1366216  | 62.6         | 65.4           |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93  | 1678283  | 10.0         | 9.55           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98  | 752603   | 5.00         | 5.52           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.786     | 9.787         | -0.001        | 92  | 270872   | 5.00         | 5.02           |       |
| 86 Ethyl methacrylate              | 69  | 9.860     | 9.860         | 0.000         | 89  | 191184   | 5.00         | 5.01           |       |
| 87 1,1,2-Trichloroethane           | 97  | 9.994     | 9.994         | 0.000         | 90  | 161014   | 5.00         | 5.32           |       |
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 98  | 642568   | 5.00         | 9.98           |       |
| 108 1,3-Dichloropropane            | 76  | 10.164    | 10.165        | 0.000         | 90  | 274593   | 5.00         | 5.22           |       |
| 109 2-Hexanone                     | 43  | 10.219    | 10.219        | 0.000         | 96  | 912225   | 62.6         | 68.3           |       |
| 111 Chlorodibromomethane           | 129 | 10.384    | 10.390        | -0.006        | 91  | 195923   | 5.00         | 5.24           |       |
| 112 Ethylene Dibromide             | 107 | 10.506    | 10.500        | 0.006         | 99  | 143927   | 5.00         | 5.48           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 87  | 1263840  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 430249   | 5.00         | 5.02           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 95  | 785678   | 5.00         | 5.45           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.061        | 0.000         | 95  | 263573   | 5.00         | 5.55           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 98  | 1476815  | 5.00         | 5.49           |       |
| 118 m-Xylene & p-Xylene            | 106 | 11.183    | 11.183        | 0.000         | 100 | 1135870  | 10.0         | 11.1           |       |
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97  | 541368   | 5.00         | 5.59           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 94  | 857647   | 5.00         | 5.52           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 97  | 105809   | 5.00         | 5.48           |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.823        | 0.006         | 96  | 1483357  | 5.00         | 6.26           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.969    | 11.969        | 0.000         | 93  | 592450   | 10.0         | 9.33           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.073    | 12.073        | 0.000         | 93  | 181035   | 5.00         | 5.26           |       |
| 128 Bromobenzene                   | 156 | 12.085    | 12.085        | 0.000         | 94  | 309569   | 5.00         | 5.55           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.097        | 0.006         | 91  | 151019   | 25.0         | 19.6           |       |

| Compound                        | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 130 1,2,3-Trichloropropane      | 110 | 12.121    | 12.121        | 0.000         | 82 | 46201    | 5.00         | 5.36           |       |
| 131 N-Propylbenzene             | 91  | 12.158    | 12.158        | 0.000         | 99 | 1723768  | 5.00         | 5.55           |       |
| 132 2-Chlorotoluene             | 126 | 12.231    | 12.231        | 0.000         | 97 | 322936   | 5.00         | 5.45           |       |
| 133 1,3,5-Trimethylbenzene      | 105 | 12.298    | 12.298        | 0.000         | 93 | 1199933  | 5.00         | 5.52           |       |
| 134 4-Chlorotoluene             | 126 | 12.329    | 12.329        | 0.000         | 97 | 333882   | 5.00         | 5.59           |       |
| 135 tert-Butylbenzene           | 134 | 12.542    | 12.542        | 0.000         | 93 | 250552   | 5.00         | 5.22           |       |
| 137 1,2,4-Trimethylbenzene      | 105 | 12.585    | 12.585        | 0.000         | 97 | 1192451  | 5.00         | 5.41           |       |
| 138 sec-Butylbenzene            | 105 | 12.707    | 12.707        | 0.000         | 94 | 1557176  | 5.00         | 5.56           |       |
| 139 1,3-Dichlorobenzene         | 146 | 12.804    | 12.804        | 0.000         | 99 | 621837   | 5.00         | 5.57           |       |
| 140 4-Isopropyltoluene          | 119 | 12.816    | 12.816        | 0.000         | 97 | 1285379  | 5.00         | 5.36           |       |
| * 141 1,4-Dichlorobenzene-d4    | 152 | 12.859    | 12.859        | 0.000         | 94 | 697835   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene         | 146 | 12.877    | 12.877        | 0.000         | 94 | 619686   | 5.00         | 5.39           |       |
| 143 1,2,3-Trimethylbenzene      | 120 | 12.890    | 12.890        | 0.000         | 98 | 509058   | 5.00         | 5.47           |       |
| 144 Benzyl chloride             | 126 | 12.957    | 12.957        | 0.000         | 99 | 68105    | 5.00         | 5.02           |       |
| 145 p-Diethylbenzene            | 119 | 13.091    | 13.091        | 0.000         | 93 | 777954   | 5.00         | 5.53           |       |
| 146 n-Butylbenzene              | 92  | 13.109    | 13.109        | 0.000         | 97 | 626062   | 5.00         | 5.54           |       |
| 147 1,2-Dichlorobenzene         | 146 | 13.139    | 13.140        | -0.001        | 99 | 537118   | 5.00         | 5.51           |       |
| 148 1,2-Dibromo-3-Chloropropane | 155 | 13.682    | 13.682        | 0.000         | 88 | 20341    | 5.00         | 4.46           |       |
| 150 1,3,5-Trichlorobenzene      | 180 | 13.810    | 13.810        | 0.000         | 98 | 434301   | 5.00         | 5.30           |       |
| 151 1,2,4-Trichlorobenzene      | 180 | 14.237    | 14.231        | 0.006         | 94 | 315817   | 5.00         | 4.81           |       |
| 152 Hexachlorobutadiene         | 225 | 14.316    | 14.316        | 0.000         | 96 | 157362   | 5.00         | 4.85           |       |
| 153 Naphthalene                 | 128 | 14.414    | 14.414        | 0.000         | 97 | 454088   | 5.00         | 4.23           |       |
| 154 1,2,3-Trichlorobenzene      | 180 | 14.554    | 14.554        | 0.000         | 96 | 232220   | 5.00         | 4.31           |       |
| 157 Pentane                     | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

### Reagents:

MSV\_QC\_Gas826\_00281

Amount Added: 5.38

Units: uL

MSV\_LCS\_VOC#1\_00240

Amount Added: 5.38

Units: uL

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:17:19

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X15.D

Injection Date: 02-Oct-2025 23:20:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-6 MS

Worklist Smp#: 16

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

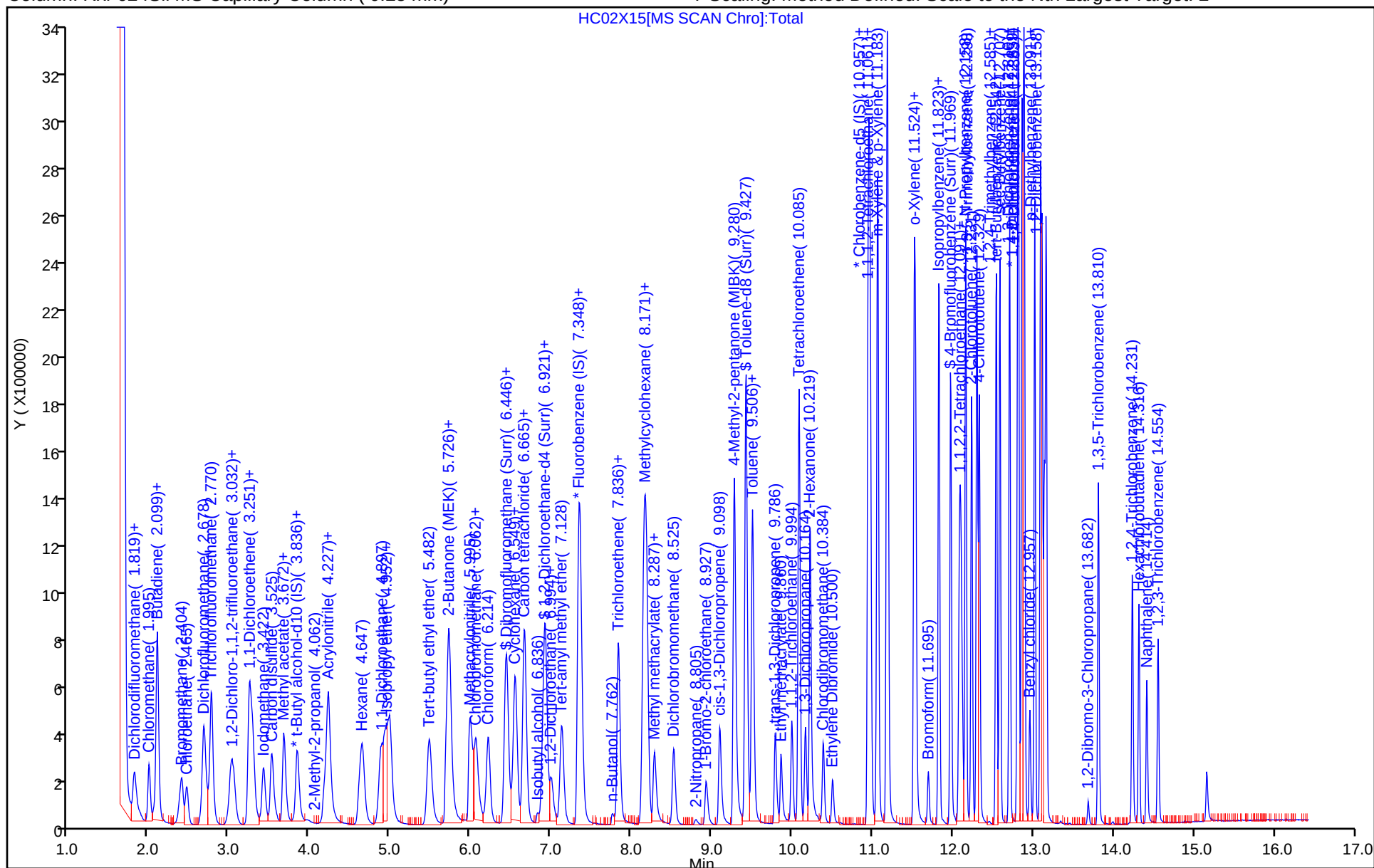
ALS Bottle#: 15

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X15.D  
Lims ID: 410-243359-A-6 MS  
Client ID: HD-COD-SW-15-0/1-0 MS  
Sample Type: MS  
Inject. Date: 02-Oct-2025 23:20:30 ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-016  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:16:30 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:17:18

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.4             | 103.60 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.5             | 105.04 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.55             | 95.45  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.33             | 93.31  |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories  
Environment Testing, LLC

Job No.: 410-243359-1

SDG No.:

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

Lab Sample ID: 410-243359-6 MSD

Matrix: Water

Lab File ID: HC02X16.D

Analysis Method: 8260D

Date Collected: 09/22/2025 12:15

Sample wt/vol: 25 (mL)

Date Analyzed: 10/02/2025 23:41

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 708376

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

| CAS NO.    | COMPOUND NAME               | RESULT | Q | RL   | MDL   |
|------------|-----------------------------|--------|---|------|-------|
| 630-20-6   | 1,1,1,2-Tetrachloroethane   | 5.39   |   | 0.50 | 0.070 |
| 71-55-6    | 1,1,1-Trichloroethane       | 6.41   |   | 0.50 | 0.080 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 5.18   |   | 0.50 | 0.10  |
| 79-00-5    | 1,1,2-Trichloroethane       | 5.25   |   | 0.50 | 0.080 |
| 75-34-3    | 1,1-Dichloroethane          | 6.11   |   | 0.50 | 0.10  |
| 75-35-4    | 1,1-Dichloroethene          | 7.01   |   | 0.50 | 0.10  |
| 106-93-4   | 1,2-Dibromoethane (EDB)     | 5.42   |   | 0.50 | 0.080 |
| 107-06-2   | 1,2-Dichloroethane          | 5.52   |   | 0.50 | 0.070 |
| 78-87-5    | 1,2-Dichloropropane         | 5.82   |   | 0.50 | 0.10  |
| 78-93-3    | 2-Butanone (MEK)            | 64.4   |   | 5.0  | 1.0   |
| 591-78-6   | 2-Hexanone                  | 67.5   |   | 5.0  | 2.0   |
| 108-10-1   | 4-Methyl-2-pentanone (MIBK) | 64.8   |   | 5.0  | 1.0   |
| 67-64-1    | Acetone                     | 57.1   |   | 5.0  | 1.5   |
| 71-43-2    | Benzene                     | 5.92   |   | 0.50 | 0.10  |
| 74-97-5    | Bromochloromethane          | 6.09   |   | 0.50 | 0.080 |
| 75-27-4    | Bromodichloromethane        | 5.82   |   | 0.50 | 0.080 |
| 75-25-2    | Bromoform                   | 5.45   |   | 1.0  | 0.30  |
| 74-83-9    | Bromomethane                | 6.00   |   | 0.50 | 0.10  |
| 75-15-0    | Carbon disulfide            | 6.10   |   | 1.0  | 0.10  |
| 56-23-5    | Carbon tetrachloride        | 6.35   |   | 0.50 | 0.10  |
| 108-90-7   | Chlorobenzene               | 5.44   |   | 0.50 | 0.070 |
| 75-00-3    | Chloroethane                | 6.01   |   | 0.50 | 0.10  |
| 67-66-3    | Chloroform                  | 6.16   |   | 0.50 | 0.090 |
| 74-87-3    | Chloromethane               | 5.21   |   | 0.50 | 0.10  |
| 156-59-2   | cis-1,2-Dichloroethene      | 7.15   |   | 0.50 | 0.080 |
| 10061-01-5 | cis-1,3-Dichloropropene     | 5.28   |   | 0.50 | 0.10  |
| 124-48-1   | Dibromochloromethane        | 5.27   |   | 0.50 | 0.080 |
| 100-41-4   | Ethylbenzene                | 5.46   |   | 0.50 | 0.080 |
| 1634-04-4  | Methyl tert-butyl ether     | 5.20   |   | 0.50 | 0.080 |
| 75-09-2    | Methylene Chloride          | 6.11   |   | 0.50 | 0.20  |
| 100-42-5   | Styrene                     | 5.41   |   | 0.50 | 0.070 |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1  
Environment Testing, LLC

SDG No.: \_\_\_\_\_

Client Sample ID: HD-COD-SW-15-0/1-0 MSD Lab Sample ID: 410-243359-6 MSD  
MSD

Matrix: Water Lab File ID: HC02X16.D

Analysis Method: 8260D Date Collected: 09/22/2025 12:15

Sample wt/vol: 25 (mL) Date Analyzed: 10/02/2025 23:41

Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1

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

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

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

Analysis Batch No.: 708376 Units: ug/L

Preparation Batch No.: \_\_\_\_\_ Instrument ID: 19094

| CAS NO.    | COMPOUND NAME             | RESULT | Q | RL   | MDL   |
|------------|---------------------------|--------|---|------|-------|
| 127-18-4   | Tetrachloroethene         | 9.25   |   | 0.50 | 0.20  |
| 108-88-3   | Toluene                   | 5.54   |   | 0.50 | 0.080 |
| 156-60-5   | trans-1,2-Dichloroethene  | 6.57   |   | 0.50 | 0.10  |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.04   |   | 0.50 | 0.080 |
| 79-01-6    | Trichloroethene           | 7.13   |   | 0.50 | 0.080 |
| 75-01-4    | Vinyl chloride            | 6.05   |   | 0.50 | 0.10  |
| 1330-20-7  | Xylenes, Total            | 16.7   |   | 1.0  | 0.070 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 103  |   | 80-120 |
| 460-00-4   | 4-Bromofluorobenzene (Surr)  | 94   |   | 80-120 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 102  |   | 80-120 |
| 2037-26-5  | Toluene-d8 (Surr)            | 96   |   | 80-120 |

Eurofins Lancaster Laboratories Environment Testing, LLC  
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X16.D  
 Lims ID: 410-243359-A-6 MSD  
 Client ID: HD-COD-SW-15-0/1-0 MSD  
 Sample Type: MSD  
 Inject. Date: 02-Oct-2025 23:41:30 ALS Bottle#: 16 Worklist Smp#: 17  
 Purge Vol: 25.000 mL Dil. Factor: 1.0000  
 Sample Info: 410-0161816-017  
 Operator ID: hr3z Instrument ID: 19094  
 Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
 Limit Group: MSV - 8260C\_D  
 Last Update: 03-Oct-2025 15:18:15 Calib Date: 10-Jul-2025 06:27:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
 Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:18:15

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Dichlorodifluoromethane                | 85  | 1.831     | 1.812         | 0.019         | 99  | 350676   | 5.00         | 6.68           |       |
| 5 Chloromethane                          | 50  | 2.008     | 1.995         | 0.013         | 99  | 361259   | 5.00         | 5.21           |       |
| 6 Butadiene                              | 39  | 2.105     | 2.093         | 0.012         | 91  | 392543   | 5.00         | 5.89           |       |
| 7 Vinyl chloride                         | 62  | 2.117     | 2.105         | 0.012         | 97  | 379318   | 5.00         | 6.05           |       |
| 9 Bromomethane                           | 94  | 2.416     | 2.404         | 0.012         | 90  | 267107   | 5.00         | 6.00           |       |
| 10 Chloroethane                          | 64  | 2.477     | 2.465         | 0.012         | 100 | 236274   | 5.00         | 6.01           |       |
| 11 Dichlorofluoromethane                 | 67  | 2.684     | 2.678         | 0.006         | 97  | 597012   | 5.00         | 5.67           |       |
| 12 Trichlorofluoromethane                | 101 | 2.770     | 2.757         | 0.013         | 98  | 426200   | 5.00         | 5.24           |       |
| 14 1,2-Dichloro-1,1,2-trifluoroethane    | 67  | 3.038     | 3.026         | 0.012         | 93  | 381893   | 5.00         | 6.30           |       |
| 17 1,1-Dichloroethene                    | 96  | 3.257     | 3.239         | 0.018         | 98  | 287820   | 5.00         | 7.01           |       |
| 18 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 3.294     | 3.276         | 0.018         | 93  | 287605   | 5.00         | 7.14           |       |
| 19 Acetone                               | 43  | 3.306     | 3.282         | 0.024         | 68  | 246756   | 62.6         | 57.1           |       |
| 20 Iodomethane                           | 142 | 3.434     | 3.416         | 0.018         | 98  | 444962   | 5.00         | 5.65           |       |
| 23 Carbon disulfide                      | 76  | 3.538     | 3.519         | 0.019         | 99  | 767797   | 5.00         | 6.10           |       |
| 24 Methyl acetate                        | 43  | 3.690     | 3.660         | 0.030         | 26  | 48684    | 5.00         | 4.71           |       |
| 25 3-Chloro-1-propene                    | 41  | 3.690     | 3.672         | 0.018         | 93  | 412848   | 5.00         | 5.09           | a     |
| 27 Methylene Chloride                    | 84  | 3.855     | 3.836         | 0.019         | 92  | 263079   | 5.00         | 6.11           |       |
| * 28 t-Butyl alcohol-d10 (IS)            | 65  | 3.885     | 3.873         | 0.012         | 94  | 60836    | 50.0         | 50.0           |       |
| 29 2-Methyl-2-propanol                   | 59  | 3.971     | 3.958         | 0.013         | 96  | 63613    | 50.0         | 48.1           |       |
| 30 Acrylonitrile                         | 53  | 4.190     | 4.178         | 0.012         | 96  | 117630   | 25.0         | 21.8           |       |
| 31 Methyl tert-butyl ether               | 73  | 4.214     | 4.208         | 0.006         | 94  | 491070   | 5.00         | 5.20           |       |
| 33 trans-1,2-Dichloroethene              | 96  | 4.245     | 4.221         | 0.024         | 99  | 298840   | 5.00         | 6.57           |       |
| 34 Hexane                                | 57  | 4.659     | 4.641         | 0.018         | 92  | 427429   | 5.00         | 6.19           |       |
| 35 1,1-Dichloroethane                    | 63  | 4.891     | 4.873         | 0.018         | 96  | 536629   | 5.00         | 6.11           |       |
| 37 Isopropyl ether                       | 45  | 4.952     | 4.934         | 0.018         | 95  | 778386   | 5.00         | 5.25           |       |
| 38 2-Chloro-1,3-butadiene                | 53  | 5.001     | 4.989         | 0.012         | 90  | 442297   | 5.00         | 5.82           |       |
| 39 Tert-butyl ethyl ether                | 59  | 5.489     | 5.482         | 0.007         | 98  | 689022   | 5.00         | 5.36           |       |
| 41 2-Butanone (MEK)                      | 43  | 5.696     | 5.684         | 0.012         | 99  | 476899   | 62.6         | 64.4           |       |
| 42 cis-1,2-Dichloroethene                | 96  | 5.732     | 5.720         | 0.012         | 82  | 353699   | 5.00         | 7.15           |       |
| 43 2,2-Dichloropropane                   | 77  | 5.739     | 5.732         | 0.007         | 66  | 445633   | 5.00         | 5.80           |       |
| 44 Propionitrile                         | 54  | 5.836     | 5.769         | 0.067         | 81  | 45206    | 37.5         | 24.5           |       |
| 46 Methacrylonitrile                     | 67  | 6.001     | 5.982         | 0.019         | 91  | 340677   | 37.5         | 45.7           |       |



| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 47 Chlorobromomethane              | 128 | 6.074     | 6.056         | 0.018         | 94  | 114014   | 5.00         | 6.09           |       |
| 48 Tetrahydrofuran                 | 71  | 6.092     | 6.086         | 0.006         | 72  | 61442    | 25.0         | 29.5           |       |
| 50 Chloroform                      | 83  | 6.226     | 6.214         | 0.012         | 93  | 502882   | 5.00         | 6.16           |       |
| \$ 51 Dibromofluoromethane (Surr)  | 113 | 6.446     | 6.434         | 0.012         | 94  | 383059   | 10.0         | 10.2           |       |
| 52 1,1,1-Trichloroethane           | 97  | 6.458     | 6.446         | 0.012         | 99  | 489469   | 5.00         | 6.41           |       |
| 54 Cyclohexane                     | 56  | 6.555     | 6.555         | 0.000         | 95  | 550947   | 5.00         | 5.87           |       |
| 55 1,1-Dichloropropene             | 75  | 6.671     | 6.665         | 0.006         | 95  | 419290   | 5.00         | 5.95           |       |
| 56 Carbon tetrachloride            | 117 | 6.671     | 6.665         | 0.006         | 90  | 409721   | 5.00         | 6.35           |       |
| 57 Isobutyl alcohol                | 41  | 6.854     | 6.818         | 0.036         | 94  | 44645    | 125.1        | 86.4           |       |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 102 | 6.897     | 6.897         | 0.000         | 65  | 70336    | 10.0         | 10.3           |       |
| 59 Benzene                         | 78  | 6.933     | 6.927         | 0.006         | 96  | 1186387  | 5.00         | 5.92           |       |
| 60 1,2-Dichloroethane              | 62  | 7.007     | 7.000         | 0.007         | 98  | 248165   | 5.00         | 5.52           |       |
| 62 Tert-amyl methyl ether          | 73  | 7.135     | 7.129         | 0.007         | 99  | 590628   | 5.00         | 5.31           |       |
| * 64 Fluorobenzene (IS)            | 96  | 7.348     | 7.342         | 0.006         | 98  | 1616968  | 10.0         | 10.0           |       |
| 65 n-Heptane                       | 43  | 7.372     | 7.366         | 0.006         | 89  | 418000   | 5.00         | 5.73           |       |
| 66 n-Butanol                       | 56  | 7.787     | 7.732         | 0.055         | 89  | 61826    | 250.2        | 171.3          |       |
| 67 Trichloroethene                 | 95  | 7.842     | 7.836         | 0.006         | 98  | 373992   | 5.00         | 7.13           |       |
| 69 Methylcyclohexane               | 83  | 8.159     | 8.153         | 0.006         | 92  | 567698   | 5.00         | 6.22           |       |
| 70 1,2-Dichloropropane             | 63  | 8.177     | 8.171         | 0.006         | 98  | 280345   | 5.00         | 5.82           |       |
| 71 2-ethoxy-2-methyl butane        | 87  | 8.195     | 8.189         | 0.006         | 93  | 400646   | 5.00         | 5.50           |       |
| 72 Methyl methacrylate             | 69  | 8.281     | 8.275         | 0.006         | 87  | 75475    | 5.00         | 4.97           |       |
| 73 1,4-Dioxane                     | 88  | 8.287     | 8.275         | 0.012         | 28  | 11408    | 125.1        | 151.0          |       |
| 74 Dibromomethane                  | 93  | 8.293     | 8.281         | 0.012         | 93  | 105755   | 5.00         | 5.93           |       |
| 76 Dichlorobromomethane            | 83  | 8.525     | 8.525         | 0.000         | 100 | 312615   | 5.00         | 5.82           |       |
| 77 2-Nitropropane                  | 41  | 8.805     | 8.793         | 0.012         | 98  | 22820    | 5.00         | 4.85           |       |
| 79 1-Bromo-2-chloroethane          | 63  | 8.933     | 8.927         | 0.006         | 99  | 235206   | 5.00         | 5.47           |       |
| 80 cis-1,3-Dichloropropene         | 75  | 9.104     | 9.098         | 0.006         | 96  | 347079   | 5.00         | 5.28           |       |
| 81 4-Methyl-2-pentanone (MIBK)     | 43  | 9.281     | 9.281         | 0.000         | 96  | 1366888  | 62.6         | 64.8           |       |
| \$ 82 Toluene-d8 (Surr)            | 98  | 9.427     | 9.427         | 0.000         | 93  | 1706241  | 10.0         | 9.62           |       |
| 84 Toluene                         | 92  | 9.506     | 9.506         | 0.000         | 98  | 761132   | 5.00         | 5.54           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 9.793     | 9.787         | 0.006         | 93  | 274415   | 5.00         | 5.04           |       |
| 86 Ethyl methacrylate              | 69  | 9.866     | 9.860         | 0.006         | 89  | 189009   | 5.00         | 4.91           |       |
| 87 1,1,2-Trichloroethane           | 97  | 10.000    | 9.994         | 0.006         | 90  | 160305   | 5.00         | 5.25           |       |
| 107 Tetrachloroethene              | 166 | 10.085    | 10.085        | 0.000         | 98  | 600330   | 5.00         | 9.25           |       |
| 108 1,3-Dichloropropane            | 76  | 10.165    | 10.165        | 0.000         | 90  | 271732   | 5.00         | 5.12           |       |
| 109 2-Hexanone                     | 43  | 10.225    | 10.219        | 0.006         | 95  | 909215   | 62.6         | 67.5           |       |
| 111 Chlorodibromomethane           | 129 | 10.390    | 10.390        | 0.000         | 89  | 198586   | 5.00         | 5.27           |       |
| 112 Ethylene Dibromide             | 107 | 10.500    | 10.500        | 0.000         | 99  | 143525   | 5.00         | 5.42           |       |
| * 113 Chlorobenzene-d5 (IS)        | 117 | 10.945    | 10.945        | 0.000         | 85  | 1274816  | 10.0         | 10.0           |       |
| 114 1-Chlorohexane                 | 91  | 10.963    | 10.963        | 0.000         | 98  | 437141   | 5.00         | 5.05           |       |
| 115 Chlorobenzene                  | 112 | 10.975    | 10.975        | 0.000         | 95  | 790983   | 5.00         | 5.44           |       |
| 116 1,1,1,2-Tetrachloroethane      | 131 | 11.061    | 11.061        | 0.000         | 95  | 257809   | 5.00         | 5.39           |       |
| 117 Ethylbenzene                   | 91  | 11.067    | 11.067        | 0.000         | 98  | 1481894  | 5.00         | 5.46           |       |
| 118 m-Xylene & p-Xylene            | 106 | 11.183    | 11.183        | 0.000         | 100 | 1153175  | 10.0         | 11.2           |       |
| 120 o-Xylene                       | 106 | 11.518    | 11.518        | 0.000         | 97  | 539426   | 5.00         | 5.52           |       |
| 121 Styrene                        | 104 | 11.536    | 11.536        | 0.000         | 94  | 848335   | 5.00         | 5.41           |       |
| 122 Bromoform                      | 173 | 11.695    | 11.695        | 0.000         | 97  | 106218   | 5.00         | 5.45           |       |
| 123 Isopropylbenzene               | 105 | 11.829    | 11.823        | 0.006         | 96  | 1475785  | 5.00         | 6.18           |       |
| \$ 126 4-Bromofluorobenzene (Surr) | 95  | 11.969    | 11.969        | 0.000         | 93  | 601492   | 10.0         | 9.39           |       |
| 127 1,1,2,2-Tetrachloroethane      | 83  | 12.073    | 12.073        | 0.000         | 93  | 180459   | 5.00         | 5.18           |       |
| 128 Bromobenzene                   | 156 | 12.085    | 12.085        | 0.000         | 95  | 307511   | 5.00         | 5.44           |       |
| 129 trans-1,4-Dichloro-2-butene    | 53  | 12.103    | 12.097        | 0.006         | 92  | 152909   | 25.0         | 19.6           |       |

| Compound                        | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 130 1,2,3-Trichloropropane      | 110 | 12.121    | 12.121        | 0.000         | 81 | 45288    | 5.00         | 5.19           |       |
| 131 N-Propylbenzene             | 91  | 12.158    | 12.158        | 0.000         | 99 | 1750826  | 5.00         | 5.57           |       |
| 132 2-Chlorotoluene             | 126 | 12.231    | 12.231        | 0.000         | 97 | 329664   | 5.00         | 5.49           |       |
| 133 1,3,5-Trimethylbenzene      | 105 | 12.298    | 12.298        | 0.000         | 93 | 1205974  | 5.00         | 5.48           |       |
| 134 4-Chlorotoluene             | 126 | 12.329    | 12.329        | 0.000         | 97 | 329062   | 5.00         | 5.44           |       |
| 135 tert-Butylbenzene           | 134 | 12.542    | 12.542        | 0.000         | 93 | 252693   | 5.00         | 5.20           |       |
| 137 1,2,4-Trimethylbenzene      | 105 | 12.585    | 12.585        | 0.000         | 97 | 1196358  | 5.00         | 5.36           |       |
| 138 sec-Butylbenzene            | 105 | 12.707    | 12.707        | 0.000         | 94 | 1559786  | 5.00         | 5.50           |       |
| 139 1,3-Dichlorobenzene         | 146 | 12.804    | 12.804        | 0.000         | 98 | 632070   | 5.00         | 5.59           |       |
| 140 4-Isopropyltoluene          | 119 | 12.816    | 12.816        | 0.000         | 97 | 1301267  | 5.00         | 5.36           |       |
| * 141 1,4-Dichlorobenzene-d4    | 152 | 12.859    | 12.859        | 0.000         | 94 | 706284   | 10.0         | 10.0           |       |
| 142 1,4-Dichlorobenzene         | 146 | 12.877    | 12.877        | 0.000         | 95 | 629912   | 5.00         | 5.41           |       |
| 143 1,2,3-Trimethylbenzene      | 120 | 12.890    | 12.890        | 0.000         | 98 | 509583   | 5.00         | 5.41           |       |
| 144 Benzyl chloride             | 126 | 12.957    | 12.957        | 0.000         | 98 | 71287    | 5.00         | 5.19           |       |
| 145 p-Diethylbenzene            | 119 | 13.091    | 13.091        | 0.000         | 93 | 784994   | 5.00         | 5.52           |       |
| 146 n-Butylbenzene              | 92  | 13.109    | 13.109        | 0.000         | 98 | 633828   | 5.00         | 5.54           |       |
| 147 1,2-Dichlorobenzene         | 146 | 13.140    | 13.140        | 0.000         | 99 | 538558   | 5.00         | 5.46           |       |
| 148 1,2-Dibromo-3-Chloropropane | 155 | 13.682    | 13.682        | 0.000         | 85 | 19857    | 5.00         | 4.30           |       |
| 150 1,3,5-Trichlorobenzene      | 180 | 13.810    | 13.810        | 0.000         | 98 | 442550   | 5.00         | 5.33           |       |
| 151 1,2,4-Trichlorobenzene      | 180 | 14.231    | 14.231        | 0.000         | 93 | 335628   | 5.00         | 5.05           |       |
| 152 Hexachlorobutadiene         | 225 | 14.316    | 14.316        | 0.000         | 95 | 160205   | 5.00         | 4.88           |       |
| 153 Naphthalene                 | 128 | 14.414    | 14.414        | 0.000         | 97 | 487282   | 5.00         | 4.48           |       |
| 154 1,2,3-Trichlorobenzene      | 180 | 14.554    | 14.554        | 0.000         | 96 | 253833   | 5.00         | 4.65           |       |
| 157 Pentane                     | 43  |           | 0.000         |               |    |          | ND           | ND             |       |

### QC Flag Legend

#### Processing Flags

ND - Not Detected or Marked ND

#### Review Flags

a - User Assigned ID

### Reagents:

MSV\_QC\_Gas826\_00281

Amount Added: 5.38

Units: uL

MSV\_LCS\_VOC#1\_00240

Amount Added: 5.38

Units: uL

MSV\_LLcentISS\_00017

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 03-Oct-2025 15:18:16

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X16.D

Injection Date: 02-Oct-2025 23:41:30

Instrument ID: 19094

Operator ID: hr3z

Lims ID: 410-243359-A-6 MSD

Worklist Smp#: 17

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

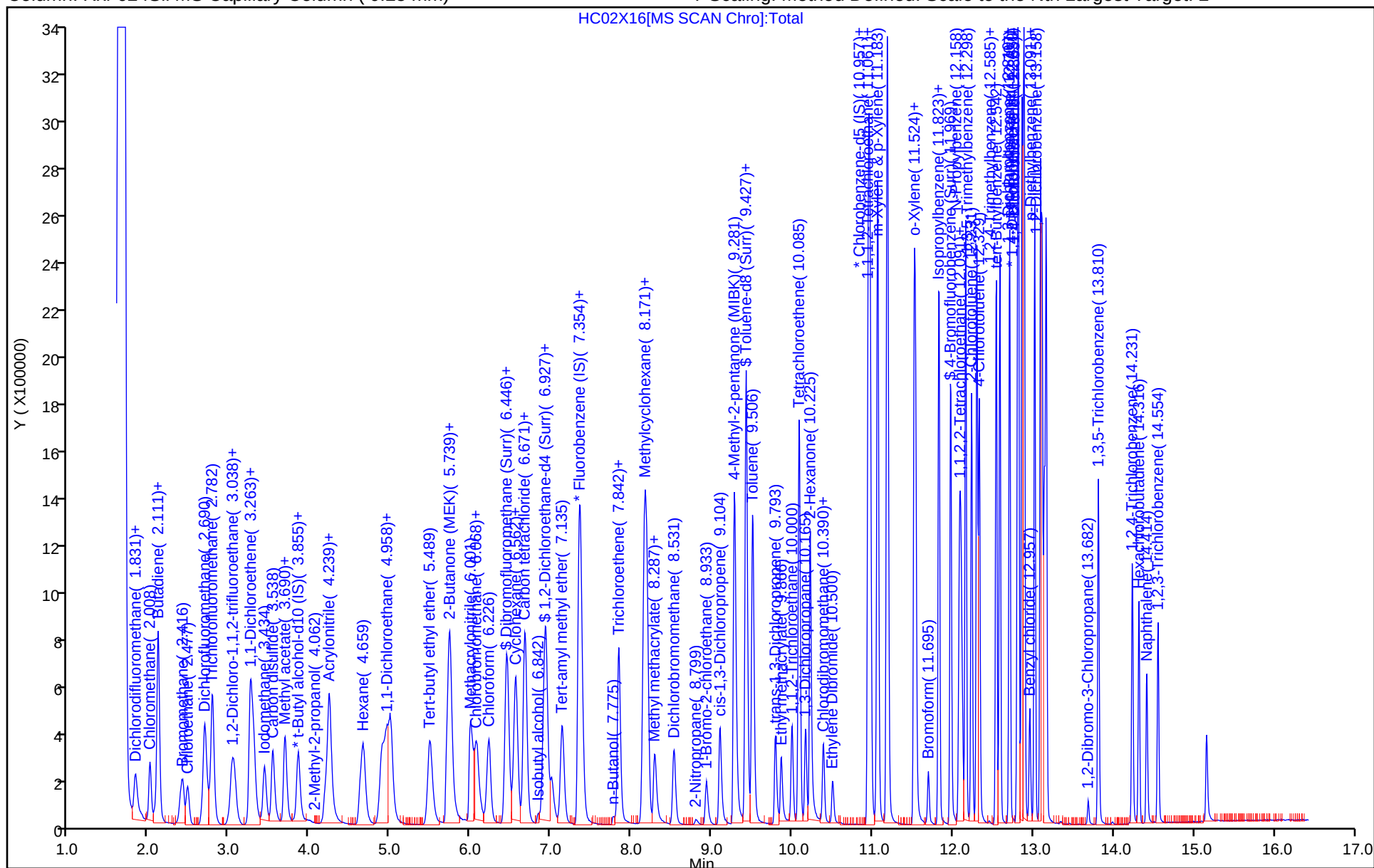
ALS Bottle#: 16

Method: MSV\_19094\_25mL

Limit Group: MSV - 8260C\_D

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

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC  
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\HC02X16.D  
Lims ID: 410-243359-A-6 MSD  
Client ID: HD-COD-SW-15-0/1-0 MSD  
Sample Type: MSD  
Inject. Date: 02-Oct-2025 23:41:30 ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 25.000 mL Dil. Factor: 1.0000  
Sample Info: 410-0161816-017  
Operator ID: hr3z Instrument ID: 19094  
Method: \\chromfs\Lancaster\ChromData\19094\20251002-161816.b\MSV\_19094\_25mL.m  
Limit Group: MSV - 8260C\_D  
Last Update: 03-Oct-2025 15:18:15 Calib Date: 10-Jul-2025 06:27:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D  
Column 1 : Rxi-624Sil MS Capillary Column ( 0.25 mm) Det: MS Quad  
Process Host: CTX1711

First Level Reviewer: FQ4L

Date: 03-Oct-2025 15:18:15

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 51 Dibromofluoromethane (Surr)  | 10.0         | 10.2             | 102.07 |
| \$ 58 1,2-Dichloroethane-d4 (Surr) | 10.0         | 10.3             | 103.35 |
| \$ 82 Toluene-d8 (Surr)            | 10.0         | 9.62             | 96.21  |
| \$ 126 4-Bromofluorobenzene (Surr) | 10.0         | 9.39             | 93.92  |

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Start Date: 07/09/2025 03:43

Analysis Batch Number: 668589

End Date: 07/09/2025 07:43

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID                |
|--------------------|------------------|------------------|--------------------|-------------|--------------------------|
| BFB 410-668589/1   |                  | 07/09/2025 03:43 | 1                  | HL08T01.D   | R-624SiIMS 30m 0.25 (mm) |
| IC 410-668589/13   |                  | 07/09/2025 04:17 | 1                  | HL08X12.D   | R-624SiIMS 30m 0.25 (mm) |
| IC 410-668589/14   |                  | 07/09/2025 04:37 | 1                  | HL08X13.D   | R-624SiIMS 30m 0.25 (mm) |
| IC 410-668589/15   |                  | 07/09/2025 04:58 | 1                  | HL08X14.D   | R-624SiIMS 30m 0.25 (mm) |
| IC 410-668589/16   |                  | 07/09/2025 05:18 | 1                  | HL08X15.D   | R-624SiIMS 30m 0.25 (mm) |
| IC 410-668589/17   |                  | 07/09/2025 05:39 | 1                  | HL08X16.D   | R-624SiIMS 30m 0.25 (mm) |
| IC 410-668589/18   |                  | 07/09/2025 06:00 | 1                  | HL08X17.D   | R-624SiIMS 30m 0.25 (mm) |
| IC 410-668589/19   |                  | 07/09/2025 06:21 | 1                  | HL08X18.D   | R-624SiIMS 30m 0.25 (mm) |
| ICIS 410-668589/20 |                  | 07/09/2025 06:41 | 1                  | HL08X19.D   | R-624SiIMS 30m 0.25 (mm) |
| IC 410-668589/21   |                  | 07/09/2025 07:02 | 1                  | HL08X20.D   | R-624SiIMS 30m 0.25 (mm) |
| ICV 410-668589/23  |                  | 07/09/2025 07:43 | 1                  | HL08X22.D   | R-624SiIMS 30m 0.25 (mm) |

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Start Date: 10/02/2025 18:07

Analysis Batch Number: 708376

End Date: 10/03/2025 03:09

| LAB SAMPLE ID      | CLIENT SAMPLE ID              | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID                |
|--------------------|-------------------------------|------------------|--------------------|-------------|--------------------------|
| BFB 410-708376/1   |                               | 10/02/2025 18:07 | 1                  | HC02T01.D   | R-624Si1MS 30m 0.25 (mm) |
| CCVIS 410-708376/3 |                               | 10/02/2025 18:47 | 1                  | HC02X02.D   | R-624Si1MS 30m 0.25 (mm) |
| LCS 410-708376/4   |                               | 10/02/2025 19:08 | 1                  | HC02X03.D   | R-624Si1MS 30m 0.25 (mm) |
| LCSD 410-708376/5  |                               | 10/02/2025 19:29 | 1                  | HC02X04.D   | R-624Si1MS 30m 0.25 (mm) |
| ZZZZZ (QC)         |                               | 10/02/2025 19:50 | 1                  |             | R-624Si1MS 30m 0.25 (mm) |
| MB 410-708376/7    |                               | 10/02/2025 20:11 | 1                  | HC02X06.D   | R-624Si1MS 30m 0.25 (mm) |
| ZZZZZ (Client)     |                               | 10/02/2025 20:32 | 1                  |             | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-14      | HD-QC1-0/1-2                  | 10/02/2025 20:53 | 1                  | HC02X08.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-1       | HD-COD-SW-6-0/1-0             | 10/02/2025 21:14 | 1                  | HC02X09.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-2       | HD-COD-SW-7-0/1-0             | 10/02/2025 21:35 | 1                  | HC02X10.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-3       | HD-COD-SW-8-0/1-0             | 10/02/2025 21:56 | 1                  | HC02X11.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-4       | HD-COD-SW-9-0/1-0             | 10/02/2025 22:17 | 1                  | HC02X12.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-5       | HD-COD-SW-13-0/1-0            | 10/02/2025 22:38 | 1                  | HC02X13.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-6       | HD-COD-SW-15-0/1-0            | 10/02/2025 22:59 | 1                  | HC02X14.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-6 MS    | HD-COD-SW-15-0/1-0 MS<br>MS   | 10/02/2025 23:20 | 1                  | HC02X15.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-6 MSD   | HD-COD-SW-15-0/1-0<br>MSD MSD | 10/02/2025 23:41 | 1                  | HC02X16.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-7       | HD-COD-SW-16-0/1-0            | 10/03/2025 00:02 | 1                  | HC02X17.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-8       | HD-COD-SW-17-0/1-0            | 10/03/2025 00:23 | 1                  | HC02X18.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-9       | HD-COD-SW-26-0/1-0            | 10/03/2025 00:44 | 1                  | HC02X19.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-10      | HD-COD-SW-27-0/1-0            | 10/03/2025 01:05 | 1                  | HC02X20.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-11      | HD-COD-SW-28-0/1-0            | 10/03/2025 01:25 | 1                  | HC02X21.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-12      | HD-COD-SW-29-0/1-0            | 10/03/2025 01:46 | 1                  | HC02X22.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-13      | HD-QC1-0/1-1                  | 10/03/2025 02:07 | 1                  | HC02X23.D   | R-624Si1MS 30m 0.25 (mm) |
| ZZZZZ (Client)     |                               | 10/03/2025 02:27 | 2                  |             | R-624Si1MS 30m 0.25 (mm) |
| ZZZZZ (Client)     |                               | 10/03/2025 02:48 | 20                 |             | R-624Si1MS 30m 0.25 (mm) |
| ZZZZZ (Client)     |                               | 10/03/2025 03:09 | 5                  |             | R-624Si1MS 30m 0.25 (mm) |

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment  
Testing, LLC

Job No.: 410-243359-1

SDG No.:

Instrument ID: 19094

Start Date: 10/07/2025 08:45

Analysis Batch Number: 710012

End Date: 10/07/2025 13:52

| LAB SAMPLE ID      | CLIENT SAMPLE ID      | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID                |
|--------------------|-----------------------|------------------|--------------------|-------------|--------------------------|
| BFB 410-710012/1   |                       | 10/07/2025 08:45 | 1                  | HC07T01.D   | R-624Si1MS 30m 0.25 (mm) |
| CCVIS 410-710012/3 |                       | 10/07/2025 09:21 | 1                  | HC07X02.D   | R-624Si1MS 30m 0.25 (mm) |
| CCV 410-710012/4   |                       | 10/07/2025 09:42 | 1                  |             | R-624Si1MS 30m 0.25 (mm) |
| ZZZZZ (QC)         |                       | 10/07/2025 10:03 | 1                  |             | R-624Si1MS 30m 0.25 (mm) |
| LCS 410-710012/6   |                       | 10/07/2025 10:24 | 1                  | HC07X05.D   | R-624Si1MS 30m 0.25 (mm) |
| LCSD 410-710012/7  |                       | 10/07/2025 10:44 | 1                  | HC07X06.D   | R-624Si1MS 30m 0.25 (mm) |
| ZZZZZ (QC)         |                       | 10/07/2025 11:05 | 1                  |             | R-624Si1MS 30m 0.25 (mm) |
| MB 410-710012/9    |                       | 10/07/2025 11:26 | 1                  | HC07X08.D   | R-624Si1MS 30m 0.25 (mm) |
| ZZZZZ (QC)         |                       | 10/07/2025 11:47 | 1                  |             | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-8 DL    | HD-COD-SW-17-0/1-0 DL | 10/07/2025 13:31 | 10                 | HC07X14.D   | R-624Si1MS 30m 0.25 (mm) |
| 410-243359-13 DL   | HD-QC1-0/1-1 DL       | 10/07/2025 13:52 | 10                 | HC07X15.D   | R-624Si1MS 30m 0.25 (mm) |

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Batch Number: 668589 Batch Start Date: 07/09/25 03:43 Batch Analyst: Riehl, ChelseaBatch Method: 8260D Batch End Date: \_\_\_\_\_

| Lab Sample ID         | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | Lot#Vial | LCS_ETBR 00010 | MSV_LCS_ACROL<br>00235 | MSV_LCS_EE<br>00011 |
|-----------------------|------------------|--------------|--------|-------|---------------|-------------|----------|----------------|------------------------|---------------------|
| BFB<br>410-668589/1   |                  | 8260D        |        |       | 1 uL          | 1 uL        |          |                |                        |                     |
| IC<br>410-668589/13   |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   |                |                        |                     |
| IC<br>410-668589/14   |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   |                |                        |                     |
| IC<br>410-668589/15   |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   |                |                        |                     |
| IC<br>410-668589/16   |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   |                |                        |                     |
| IC<br>410-668589/17   |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   |                |                        |                     |
| IC<br>410-668589/18   |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   |                |                        |                     |
| IC<br>410-668589/19   |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   |                |                        |                     |
| ICIS<br>410-668589/20 |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   |                |                        |                     |
| IC<br>410-668589/21   |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   |                |                        |                     |
| ICV<br>410-668589/23  |                  | 8260D        |        |       | 25 mL         | 25 mL       | 431127   | 12.5 uL        | 12.5 uL                | 12.5 uL             |

| Lab Sample ID       | Client Sample ID | Method Chain | Matrix | Basis | MSV_LCS_Penta<br>00057 | MSV_LCS_VOC#1<br>00227 | MSV_LL_#1_826<br>00171 | MSV_LL_#2_826<br>00185 | MSV_LL_GAS826<br>00279 | MSV_LLcentISS<br>00016 |
|---------------------|------------------|--------------|--------|-------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BFB<br>410-668589/1 |                  | 8260D        |        |       |                        |                        |                        |                        |                        |                        |
| IC<br>410-668589/13 |                  | 8260D        |        |       |                        |                        | 0.4 uL                 | 0.4 uL                 | 0.4 uL                 | 5 uL                   |
| IC<br>410-668589/14 |                  | 8260D        |        |       |                        |                        | 1.2 uL                 | 1.2 uL                 | 1.2 uL                 | 5 uL                   |
| IC<br>410-668589/15 |                  | 8260D        |        |       |                        |                        | 2 uL                   | 2 uL                   | 2 uL                   | 5 uL                   |
| IC<br>410-668589/16 |                  | 8260D        |        |       |                        |                        | 2 uL                   | 2 uL                   | 2 uL                   | 5 uL                   |
| IC<br>410-668589/17 |                  | 8260D        |        |       |                        |                        | 2 uL                   | 2 uL                   | 2 uL                   | 5 uL                   |
| IC<br>410-668589/18 |                  | 8260D        |        |       |                        |                        | 2 uL                   | 2 uL                   | 2 uL                   | 5 uL                   |
| IC<br>410-668589/19 |                  | 8260D        |        |       |                        |                        | 5 uL                   | 5 uL                   | 5 uL                   | 5 uL                   |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 2



## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Batch Number: 668589 Batch Start Date: 07/09/25 03:43 Batch Analyst: Riehl, ChelseaBatch Method: 8260D Batch End Date: \_\_\_\_\_

| Lab Sample ID         | Client Sample ID | Method Chain | Matrix | Basis | MSV_LCS_Penta<br>00057 | MSV_LCS_VOC#1<br>00227 | MSV_LL_#1_826<br>00171 | MSV_LL_#2_826<br>00185 | MSV_LL_GAS826<br>00279 | MSV_LLcentISS<br>00016 |
|-----------------------|------------------|--------------|--------|-------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ICIS<br>410-668589/20 |                  | 8260D        |        |       |                        |                        | 10 uL                  | 10 uL                  | 10 uL                  | 5 uL                   |
| IC<br>410-668589/21   |                  | 8260D        |        |       |                        |                        | 25 uL                  | 25 uL                  | 25 uL                  | 5 uL                   |
| ICV<br>410-668589/23  |                  | 8260D        |        |       | 12.5 uL                | 12.5 uL                |                        |                        |                        | 5 uL                   |

| Lab Sample ID         | Client Sample ID | Method Chain | Matrix | Basis | MSV_QC_Gas826<br>00268 | MSV_V_BFB<br>00019 |  |  |  |  |
|-----------------------|------------------|--------------|--------|-------|------------------------|--------------------|--|--|--|--|
| BFB<br>410-668589/1   |                  | 8260D        |        |       |                        | 1 uL               |  |  |  |  |
| IC<br>410-668589/13   |                  | 8260D        |        |       |                        |                    |  |  |  |  |
| IC<br>410-668589/14   |                  | 8260D        |        |       |                        |                    |  |  |  |  |
| IC<br>410-668589/15   |                  | 8260D        |        |       |                        |                    |  |  |  |  |
| IC<br>410-668589/16   |                  | 8260D        |        |       |                        |                    |  |  |  |  |
| IC<br>410-668589/17   |                  | 8260D        |        |       |                        |                    |  |  |  |  |
| IC<br>410-668589/18   |                  | 8260D        |        |       |                        |                    |  |  |  |  |
| IC<br>410-668589/19   |                  | 8260D        |        |       |                        |                    |  |  |  |  |
| ICIS<br>410-668589/20 |                  | 8260D        |        |       |                        |                    |  |  |  |  |
| IC<br>410-668589/21   |                  | 8260D        |        |       |                        |                    |  |  |  |  |
| ICV<br>410-668589/23  |                  | 8260D        |        |       | 12.5 uL                |                    |  |  |  |  |

| Batch Notes |  |
|-------------|--|
|             |  |
|             |  |

| Basis | Basis Description |
|-------|-------------------|
|       |                   |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Batch Number: 708376 Batch Start Date: 10/02/25 18:07 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: \_\_\_\_\_

| Lab Sample ID         | Client Sample ID       | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | Initial pH | ResidualChloCh<br>eck | Headspace | Lot#Vial |
|-----------------------|------------------------|--------------|--------|-------|---------------|-------------|------------|-----------------------|-----------|----------|
| BFB<br>410-708376/1   |                        | 8260D        |        |       | 1 uL          | 1 uL        |            |                       |           |          |
| CCVIS<br>410-708376/3 |                        | 8260D        |        |       | 25 mL         | 25 mL       |            |                       |           | 2810     |
| LCS<br>410-708376/4   |                        | 8260D        |        |       | 25 mL         | 25 mL       |            |                       |           | 2810     |
| LCSD<br>410-708376/5  |                        | 8260D        |        |       | 25 mL         | 25 mL       |            |                       |           | 2810     |
| MB 410-708376/7       |                        | 8260D        |        |       | 25 mL         | 25 mL       |            |                       |           | 2810     |
| 410-243359-A-14       | HD-QC1-0/1-2           | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-1        | HD-COD-SW-6-0/1-0      | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-2        | HD-COD-SW-7-0/1-0      | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-3        | HD-COD-SW-8-0/1-0      | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-4        | HD-COD-SW-9-0/1-0      | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-5        | HD-COD-SW-13-0/1-0     | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-6        | HD-COD-SW-15-0/1-0     | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-6<br>MS  | HD-COD-SW-15-0/1-0 MS  | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-6<br>MSD | HD-COD-SW-15-0/1-0 MSD | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-7        | HD-COD-SW-16-0/1-0     | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-8        | HD-COD-SW-17-0/1-0     | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-9        | HD-COD-SW-26-0/1-0     | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-10       | HD-COD-SW-27-0/1-0     | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-11       | HD-COD-SW-28-0/1-0     | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-12       | HD-COD-SW-29-0/1-0     | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |
| 410-243359-A-13       | HD-QC1-0/1-1           | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         |          |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 4

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Batch Number: 708376 Batch Start Date: 10/02/25 18:07 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: \_\_\_\_\_

| Lab Sample ID         | Client Sample ID       | Method Chain | Matrix | Basis | MSV_LCS_VOC#1<br>00240 | MSV_LL_#1_826<br>00177 | MSV_LL_#2_826<br>00192 | MSV_LL_GAS826<br>00291 | MSV_LLcentISS<br>00017 | MSV_QC_Gas826<br>00281 |
|-----------------------|------------------------|--------------|--------|-------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BFB<br>410-708376/1   |                        | 8260D        |        |       |                        |                        |                        |                        |                        |                        |
| CCVIS<br>410-708376/3 |                        | 8260D        |        |       |                        | 20 uL                  | 20 uL                  | 20 uL                  | 5 uL                   |                        |
| LCS<br>410-708376/4   |                        | 8260D        |        |       | 12.5 uL                |                        |                        |                        | 5 uL                   | 12.5 uL                |
| LCSD<br>410-708376/5  |                        | 8260D        |        |       | 12.5 uL                |                        |                        |                        | 5 uL                   | 12.5 uL                |
| MB 410-708376/7       |                        | 8260D        |        |       |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-14       | HD-QC1-0/1-2           | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-1        | HD-COD-SW-6-0/1-0      | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-2        | HD-COD-SW-7-0/1-0      | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-3        | HD-COD-SW-8-0/1-0      | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-4        | HD-COD-SW-9-0/1-0      | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-5        | HD-COD-SW-13-0/1-0     | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-6        | HD-COD-SW-15-0/1-0     | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-6<br>MS  | HD-COD-SW-15-0/1-0 MS  | 8260D        | Water  | T     | 5.38 uL                |                        |                        |                        | 5 uL                   | 5.38 uL                |
| 410-243359-A-6<br>MSD | HD-COD-SW-15-0/1-0 MSD | 8260D        | Water  | T     | 5.38 uL                |                        |                        |                        | 5 uL                   | 5.38 uL                |
| 410-243359-A-7        | HD-COD-SW-16-0/1-0     | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-8        | HD-COD-SW-17-0/1-0     | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-9        | HD-COD-SW-26-0/1-0     | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-10       | HD-COD-SW-27-0/1-0     | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-11       | HD-COD-SW-28-0/1-0     | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-12       | HD-COD-SW-29-0/1-0     | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-A-13       | HD-QC1-0/1-1           | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 4

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Batch Number: 708376 Batch Start Date: 10/02/25 18:07 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: \_\_\_\_\_

| Lab Sample ID         | Client Sample ID       | Method Chain | Matrix | Basis | MSV_V_BFB<br>000I9 |  |  |  |  |
|-----------------------|------------------------|--------------|--------|-------|--------------------|--|--|--|--|
| BFB<br>410-708376/1   |                        | 8260D        |        |       | 1 uL               |  |  |  |  |
| CCVIS<br>410-708376/3 |                        | 8260D        |        |       |                    |  |  |  |  |
| LCS<br>410-708376/4   |                        | 8260D        |        |       |                    |  |  |  |  |
| LCSD<br>410-708376/5  |                        | 8260D        |        |       |                    |  |  |  |  |
| MB 410-708376/7       |                        | 8260D        |        |       |                    |  |  |  |  |
| 410-243359-A-14       | HD-QC1-0/1-2           | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-1        | HD-COD-SW-6-0/1-0      | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-2        | HD-COD-SW-7-0/1-0      | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-3        | HD-COD-SW-8-0/1-0      | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-4        | HD-COD-SW-9-0/1-0      | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-5        | HD-COD-SW-13-0/1-0     | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-6        | HD-COD-SW-15-0/1-0     | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-6<br>MS  | HD-COD-SW-15-0/1-0 MS  | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-6<br>MSD | HD-COD-SW-15-0/1-0 MSD | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-7        | HD-COD-SW-16-0/1-0     | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-8        | HD-COD-SW-17-0/1-0     | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-9        | HD-COD-SW-26-0/1-0     | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-10       | HD-COD-SW-27-0/1-0     | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-11       | HD-COD-SW-28-0/1-0     | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-12       | HD-COD-SW-29-0/1-0     | 8260D        | Water  | T     |                    |  |  |  |  |
| 410-243359-A-13       | HD-QC1-0/1-1           | 8260D        | Water  | T     |                    |  |  |  |  |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 3 of 4

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Batch Number: 708376 Batch Start Date: 10/02/25 18:07 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: \_\_\_\_\_

| Batch Notes |  |
|-------------|--|
|             |  |
|             |  |

| Basis | Basis Description |
|-------|-------------------|
| T     | Total/NA          |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Batch Number: 710012 Batch Start Date: 10/07/25 08:45 Batch Analyst: Ressler, EricBatch Method: 8260D Batch End Date: \_\_\_\_\_

| Lab Sample ID         | Client Sample ID       | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | Initial pH | ResidualChloCh<br>eck | Headspace | Lot#Vial |
|-----------------------|------------------------|--------------|--------|-------|---------------|-------------|------------|-----------------------|-----------|----------|
| BFB<br>410-710012/1   |                        | 8260D        |        |       | 1 uL          | 1 uL        |            |                       |           |          |
| CCVIS<br>410-710012/3 |                        | 8260D        |        |       | 25 mL         | 25 mL       |            |                       |           | 2810     |
| LCS<br>410-710012/6   |                        | 8260D        |        |       | 25 mL         | 25 mL       |            |                       |           | 2810     |
| LCSD<br>410-710012/7  |                        | 8260D        |        |       | 25 mL         | 25 mL       |            |                       |           | 2810     |
| MB 410-710012/9       |                        | 8260D        |        |       | 25 mL         | 25 mL       |            |                       |           | 2810     |
| 410-243359-B-8        | HD-COD-SW-17-0/<br>1-0 | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         | 2810     |
| 410-243359-B-13       | HD-QC1-0/1-1           | 8260D        | Water  | T     | 25 mL         | 25 mL       | <2 SU      | N                     | N         | 2810     |

| Lab Sample ID         | Client Sample ID       | Method Chain | Matrix | Basis | MSV_LCS_VOC#1<br>00242 | MSV_LL_#1_826<br>00179 | MSV_LL_#2_826<br>00193 | MSV_LL_GAS826<br>00292 | MSV_LLcentISS<br>00018 | MSV_QC_Gas826<br>00282 |
|-----------------------|------------------------|--------------|--------|-------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BFB<br>410-710012/1   |                        | 8260D        |        |       |                        |                        |                        |                        |                        |                        |
| CCVIS<br>410-710012/3 |                        | 8260D        |        |       |                        | 25 uL                  | 25 uL                  | 25 uL                  | 5 uL                   |                        |
| LCS<br>410-710012/6   |                        | 8260D        |        |       | 12.5 uL                |                        |                        |                        | 5 uL                   | 12.5 uL                |
| LCSD<br>410-710012/7  |                        | 8260D        |        |       | 12.5 uL                |                        |                        |                        | 5 uL                   | 12.5 uL                |
| MB 410-710012/9       |                        | 8260D        |        |       |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-B-8        | HD-COD-SW-17-0/<br>1-0 | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |
| 410-243359-B-13       | HD-QC1-0/1-1           | 8260D        | Water  | T     |                        |                        |                        |                        | 5 uL                   |                        |

| Lab Sample ID         | Client Sample ID | Method Chain | Matrix | Basis | MSV_V_BFB<br>00019 |  |  |  |  |  |
|-----------------------|------------------|--------------|--------|-------|--------------------|--|--|--|--|--|
| BFB<br>410-710012/1   |                  | 8260D        |        |       | 1 uL               |  |  |  |  |  |
| CCVIS<br>410-710012/3 |                  | 8260D        |        |       |                    |  |  |  |  |  |
| LCS<br>410-710012/6   |                  | 8260D        |        |       |                    |  |  |  |  |  |
| LCSD<br>410-710012/7  |                  | 8260D        |        |       |                    |  |  |  |  |  |
| MB 410-710012/9       |                  | 8260D        |        |       |                    |  |  |  |  |  |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-243359-1

SDG No.: \_\_\_\_\_

Batch Number: 710012 Batch Start Date: 10/07/25 08:45 Batch Analyst: Ressler, EricBatch Method: 8260D Batch End Date: \_\_\_\_\_

| Lab Sample ID   | Client Sample ID       | Method Chain | Matrix | Basis | MSV_V_BFB<br>00019 |  |  |  |  |  |
|-----------------|------------------------|--------------|--------|-------|--------------------|--|--|--|--|--|
| 410-243359-B-8  | HD-COD-SW-17-0/<br>1-0 | 8260D        | Water  | T     |                    |  |  |  |  |  |
| 410-243359-B-13 | HD-QC1-0/1-1           | 8260D        | Water  | T     |                    |  |  |  |  |  |

| Batch Notes |  |
|-------------|--|
|             |  |

| Basis | Basis Description |
|-------|-------------------|
| T     | Total/NA          |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Shipping and Receiving Documents





Lancaster Laboratories  
Environmental



410-243359 Chain of Custody

# Analysis Request/Chain of Custody

pg 1 of 2

Group # \_\_\_\_\_ Sample # \_\_\_\_\_

|                                                                                   |  |                                                                            |  |                                                                           |  |                                                                                     |  |                                   |  |                                             |  |                                                  |  |                                                                       |  |      |  |
|-----------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|-----------------------------------|--|---------------------------------------------|--|--------------------------------------------------|--|-----------------------------------------------------------------------|--|------|--|
| Client: <b>Groundwater Sciences Corporation</b>                                   |  | Project Name/#: <b>fYNOP Monthly Surface Water</b>                         |  | Site ID #: <b>fYNOP, York PA</b>                                          |  | <input type="checkbox"/> Tissue                                                     |  | <input type="checkbox"/> Ground   |  | <input checked="" type="checkbox"/> Surface |  | Analyses Requested                               |  | For Lab Use Only                                                      |  |      |  |
| Project Manager: <b>Chris O'Neil</b>                                              |  | P.O. #: <b>GSC.0100125300</b>                                              |  | PWSID #: <b>N/A</b>                                                       |  | <input type="checkbox"/> Potable                                                    |  | <input type="checkbox"/> NPDES    |  | <input type="checkbox"/> Other:             |  | Preservation Codes                               |  | SF #: _____                                                           |  |      |  |
| Sampler: <b>Casey Littlefield / Lucas Grimm</b>                                   |  | Quote #: _____                                                             |  | State where samples were collected: <b>York, PA</b>                       |  | For Compliance: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |  | <input type="checkbox"/> Sediment |  | <input type="checkbox"/> Water              |  | H                                                |  | SCR #: _____                                                          |  |      |  |
| Phone #: <b>(717) 901-8176 / (717) 756-1246</b>                                   |  | Collection                                                                 |  | Grab                                                                      |  | Composite                                                                           |  | Soil                              |  | Total # of Containers                       |  | Aqueous VOCs via 8260D (low level - 25 ml purge) |  | Preservation Codes                                                    |  |      |  |
| Sample Identification                                                             |  | Date                                                                       |  | Time                                                                      |  |                                                                                     |  |                                   |  |                                             |  |                                                  |  | H = HCl T = Thiosulfate                                               |  |      |  |
| HD-COD-SW-6-0/1-0                                                                 |  | 9/22/25                                                                    |  | 1055                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  | N = HNO <sub>3</sub> B = NaOH                                         |  |      |  |
| HD-COD-SW-7-0/1-0                                                                 |  |                                                                            |  | 1150                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  | S = H <sub>2</sub> SO <sub>4</sub> P = H <sub>3</sub> PO <sub>4</sub> |  |      |  |
| HD-COD-SW-8-0/1-0                                                                 |  |                                                                            |  | 0947                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  | O = Other                                                             |  |      |  |
| HD-COD-SW-9-0/1-0                                                                 |  |                                                                            |  | 1337                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  | Remarks                                                               |  |      |  |
| HD-COD-SW-13-0/1-0                                                                |  |                                                                            |  | 1003                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  | All samples                                                           |  |      |  |
| HD-COD-SW-15-0/1-0                                                                |  |                                                                            |  | 1215                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  | preserved on                                                          |  |      |  |
| HD-COD-SW-15-0/1-0 MS                                                             |  |                                                                            |  | 1215                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  | ice                                                                   |  |      |  |
| HD-COD-SW-15-0/1-0 MSD                                                            |  |                                                                            |  | 1215                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  |                                                                       |  |      |  |
| HD-COD-SW-16-0/1-0                                                                |  |                                                                            |  | 1027                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  |                                                                       |  |      |  |
| HD-COD-SW-17-0/1-0                                                                |  |                                                                            |  | 1035                                                                      |  | X                                                                                   |  |                                   |  | 3                                           |  | X                                                |  |                                                                       |  |      |  |
| Turnaround Time Requested (TAT) (please check):                                   |  | Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> |  | Relinquished by: <i>[Signature]</i>                                       |  | Date                                                                                |  | Time                              |  | Received by:                                |  | Date                                             |  | Time                                                                  |  |      |  |
| (Rush TAT is subject to laboratory approval and surcharges.)                      |  |                                                                            |  |                                                                           |  | 9/23/25                                                                             |  | 1422                              |  |                                             |  |                                                  |  |                                                                       |  |      |  |
| Date results are needed: <b>STANDARD</b>                                          |  | Rush results requested by (please check):                                  |  | E-Mail <input checked="" type="checkbox"/> Phone <input type="checkbox"/> |  | Relinquished by:                                                                    |  | Date                              |  | Time                                        |  | Received by:                                     |  | Date                                                                  |  | Time |  |
| E-mail Address: <b>ON-FILE</b>                                                    |  |                                                                            |  |                                                                           |  | Relinquished by:                                                                    |  | Date                              |  | Time                                        |  | Received by:                                     |  | Date                                                                  |  | Time |  |
| Phone:                                                                            |  |                                                                            |  |                                                                           |  | Relinquished by:                                                                    |  | Date                              |  | Time                                        |  | Received by:                                     |  | Date                                                                  |  | Time |  |
| Data Package Options (please check if required)                                   |  | Type I (Validation/non-CLP) <input type="checkbox"/>                       |  | MA MCP <input type="checkbox"/>                                           |  | Relinquished by:                                                                    |  | Date                              |  | Time                                        |  | Received by:                                     |  | Date                                                                  |  | Time |  |
|                                                                                   |  | Type III (Reduced non-CLP) <input type="checkbox"/>                        |  | CT RCP <input type="checkbox"/>                                           |  | Relinquished by:                                                                    |  | Date                              |  | Time                                        |  | Received by:                                     |  | Date                                                                  |  | Time |  |
|                                                                                   |  | Type VI (Raw Data Only) <input type="checkbox"/>                           |  | TX TRRP-13 <input type="checkbox"/>                                       |  | Relinquished by:                                                                    |  | Date                              |  | Time                                        |  | Received by:                                     |  | Date                                                                  |  | Time |  |
|                                                                                   |  | NJ DKQP <input type="checkbox"/>                                           |  | NYSDEC Category <input type="checkbox"/> A or <input type="checkbox"/> B  |  | Relinquished by Commercial Carrier:                                                 |  |                                   |  |                                             |  |                                                  |  |                                                                       |  |      |  |
| EDD Required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  | If yes, format: _____                                                      |  | CLP Like Deliverables, Project Specific Analyte List                      |  | UPS _____ FedEx _____ Other _____                                                   |  |                                   |  |                                             |  | Temperature upon receipt                         |  | R: 4.6<br>C: 3.2 °C                                                   |  |      |  |



Acct. # \_\_\_\_\_ Group # \_\_\_\_\_ Sample # \_\_\_\_\_

pg 2 of 2

—

## Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-243359-1

**Login Number: 243359**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

**List Number: 1**

**Creator: Fuehrer, Stephanie**

| Question                                                                                                | Answer | Comment |
|---------------------------------------------------------------------------------------------------------|--------|---------|
| The cooler's custody seal is intact.                                                                    | N/A    |         |
| The cooler or samples do not appear to have been compromised or tampered with.                          | True   |         |
| Samples were received on ice.                                                                           | True   |         |
| Cooler Temperature acceptable, where thermal pres is required ( $\leq 6^{\circ}\text{C}$ , not frozen). | True   |         |
| Cooler Temperature is recorded.                                                                         | True   |         |
| WV: Container Temp acceptable, where thermal pres is required ( $\leq 6^{\circ}\text{C}$ , not frozen). | N/A    |         |
| WV: Container Temperature is recorded.                                                                  | N/A    |         |
| COC is present.                                                                                         | True   |         |
| COC is filled out in ink and legible.                                                                   | True   |         |
| COC is filled out with all pertinent information.                                                       | True   |         |
| There are no discrepancies between the containers received and the COC.                                 | True   |         |
| Sample containers have legible labels.                                                                  | True   |         |
| Containers are not broken or leaking.                                                                   | True   |         |
| Sample collection date/times are provided.                                                              | True   |         |
| Appropriate sample containers are used.                                                                 | True   |         |
| Sample bottles are completely filled.                                                                   | True   |         |
| There is sufficient vol. for all requested analyses.                                                    | True   |         |
| Is the Field Sampler's name present on COC?                                                             | True   |         |
| Sample custody seals are intact.                                                                        | True   |         |
| VOA sample vials do not have headspace $> 6\text{mm}$ in diameter (none, if from WV)?                   | N/A    |         |