

## **DATA PACKAGE**

GENERAL CHEMISTRY  
METALS  
VOLATILE ORGANICS

**PROJECT NAME : AMSTERDAM**

**G ENVIRONMENTAL**

**8 Carriage Ln**

**Succasunna, NJ - 07876**

**Phone No: 973-294-1771**

**ORDER ID : Q3172**

**ATTENTION : Gary Landis**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** Q3172

**Project ID :** Amsterdam

**Client :** G Environmental

**Lab Sample Number**

Q3172-01  
Q3172-02  
Q3172-03

**Client Sample Number**

FW7D  
FW6D  
GB3W

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 10/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

### **G Environmental**

**Project Name: Amsterdam**

**Project # N/A**

**Order ID # Q3172**

**Test Name: VOCMS Group1,Mercury,Metals ICP-TAL,Anions Group1**

### **A. Number of Samples and Date of Receipt:**

3 Water samples were received on 09/23/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1,Mercury,Metals ICP-TAL,Anions Group1. This data package contains results for VOCMS Group1(8260D),Mercury(7470A),Metals ICP-TAL(6010D),Anions Group1(300.0).

### **C. Analytical Techniques:**

VOCMS Group1 : The analysis performed on instrument MSVOA\_V were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group1 was based on method 8260D.

Mercury,Metals ICP-TAL : The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

Wetchem : The analysis of Anions Group1 was based on method 300.0

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

VOCMS Group1 : Samples FW7D, FW6D were diluted due to high concentrations.

Wetchem : Sample FW7D was diluted due to high concentrations for Sulfate.

The Surrogate recoveries were met for all analysis except following VOCMS Group1 : FW7D [Toluene-d8 - 83%], FW7DDL [Toluene-d8 - 80%], due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following

Mercury,Metals ICP-TAL : The Matrix Spike (TOTES COMP#1MS) analysis met

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criteria for all compounds except for Sodium and Zinc due to Chemical Interference during Digestion Process.

The MSD recoveries met the requirements for all compounds except following Mercury, Metals ICP-TAL : The Matrix Spike Duplicate (TOTES COMP#1MSD) analysis met criteria for all compounds except for Sodium due to Chemical Interference during Digestion Process.

The RPD were met for all analysis except following VOCMS Group1 : The RPD for {VV0924WBSD02} with File ID: VV039165.D met criteria except for Acetone[32%], Bromomethane[34%] due to difference in results of BS and BSD.

The Blank Spike met requirements for all compounds except following VOCMS Group1 : The Blank Spike for {VV0924WBS02} with File ID: VV039150.D met requirements for all compounds except for 4-Methyl-2-Pentanone[120%] is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate met requirements for all compounds

The Blank analysis did not indicate the presence of lab contamination.  
The Initial Calibration met the requirements except following VOCMS Group1 : The %RSD is greater than 20% in the Initial Calibration method (82V092225W.M) for 2-Hexanone passing on Linear regression and Chloroethane, Acetone, Methylene Chloride, Styrene, 1,2-Dibromo-3-Chloropropane are passing on Quadratic Regression.

The Continuous Calibration met the requirements except following VOCMS Group1 : The Continuous Calibration File ID VV039146.D met the requirements except for Dichlorodifluoromethane is failing marginally low therefore no corrective action taken.

The Continuous Calibration File ID VV039168.D met the requirements except for Bromomethane is failing marginally low therefore no corrective action taken.

The Tuning criteria met requirements.  
The Duplicate analysis met criteria for all samples.  
The Serial Dilution met the acceptable requirements.

**E. Additional Comments:**

VOCMS Group1 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.



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**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|           |                                                                                                                                                                                                                                                                                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>J</b>  | Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).                                                                                                                                                                                  |
| <b>U</b>  | Indicates the analyte was analyzed for, but not detected.                                                                                                                                                                                                                                                                                                                     |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                      |
| <b>E</b>  | Indicates the reported value is estimated because of the presence of interference                                                                                                                                                                                                                                                                                             |
| <b>M</b>  | Indicates Duplicate injection precision not met.                                                                                                                                                                                                                                                                                                                              |
| <b>N</b>  | Indicates the spiked sample recovery is not within control limits.                                                                                                                                                                                                                                                                                                            |
| <b>S</b>  | Indicates the reported value was determined by the Method of Standard Addition (MSA).                                                                                                                                                                                                                                                                                         |
| <b>*</b>  | Indicates that the duplicate analysis is not within control limits.                                                                                                                                                                                                                                                                                                           |
| <b>+</b>  | Indicates the correlation coefficient for the MSA is less than 0.995.                                                                                                                                                                                                                                                                                                         |
| <b>D</b>  | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.                                                                                                                                                                                                                                       |
| <b>M</b>  | Method qualifiers<br>“P” for ICP instrument<br>“PM” for ICP when Microwave Digestion is used<br>“CV” for Manual Cold Vapor AA<br>“AV” for automated Cold Vapor AA<br>“CA” for MIDI-Distillation Spectrophotometric<br>“AS” for Semi -Automated Spectrophotometric<br>“C” for Manual Spectrophotometric<br>“T” for Titrimetric<br>“NR” for analyte not required to be analyzed |
| <b>OR</b> | Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                              |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                |
| <b>H</b>  | Sample Analysis Out Of Hold Time                                                                                                                                                                                                                                                                                                                                              |

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value     | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>U</b>  | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.                                                                                                                                                                                                                                                                                      |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>J</b>  | Indicates an estimated value. This flag is used: <ul style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ul> |
| <b>B</b>  | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>E</b>  | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>D</b>  | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>P</b>  | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>N</b>  | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                                                                       |
| <b>A</b>  | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3172

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/06/2025

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3172  
**Client:** G Environmental

| Sample ID         | Client ID     | Matrix | Parameter                   | Concentration | C  | MDL         | RDL  | Units |
|-------------------|---------------|--------|-----------------------------|---------------|----|-------------|------|-------|
| <b>Client ID:</b> | <b>FW7D</b>   |        |                             |               |    |             |      |       |
| Q3172-01          | FW7D          | Water  | Vinyl Chloride              | 53.5          |    | 0.26        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,1-Dichloroethene          | 9.30          |    | 0.23        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Carbon Disulfide            | 0.94          | J  | 0.21        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | trans-1,2-Dichloroethene    | 77.7          |    | 0.23        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,1-Dichloroethane          | 0.34          | J  | 0.23        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Cyclohexane                 | 3.30          | J  | 1.50        | 5.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | cis-1,2-Dichloroethene      | 1200          | E  | 0.19        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Chloroform                  | 1.00          |    | 0.25        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Methylcyclohexane           | 4.20          |    | 0.16        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Benzene                     | 39.2          |    | 0.15        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Trichloroethene             | 1900          | E  | 0.090       | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Toluene                     | 4.60          |    | 0.14        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Tetrachloroethene           | 2.10          |    | 0.23        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Chlorobenzene               | 1600          | E  | 0.12        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Ethyl Benzene               | 3.00          |    | 0.13        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | m/p-Xylenes                 | 4.30          |    | 0.24        | 2.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | o-Xylene                    | 1.50          |    | 0.12        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Isopropylbenzene            | 0.81          | J  | 0.12        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,3-Dichlorobenzene         | 3.60          |    | 0.16        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,4-Dichlorobenzene         | 51.1          |    | 0.19        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,2-Dichlorobenzene         | 80.7          |    | 0.16        | 1.00 | ug/L  |
|                   |               |        | <b>Total Voc :</b>          |               |    | <b>5040</b> |      |       |
| Q3172-01          | FW7D          | Water  | Diethyl Ether               | * 3.00        | J  | 0.31        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Bromobenzene                | * 1.10        | J  | 0.24        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 2-Chlorotoluene             | * 4.50        | J  | 0.14        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | tert-Butylbenzene           | * 0.67        | J  | 0.14        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,2,4-Trimethylbenzene      | * 0.57        | J  | 0.14        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Naphthalene                 | * 0.43        | J  | 0.20        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Diisopropyl ether           | * 2.80        | J  | 0.15        | 1.00 | ug/L  |
|                   |               |        | <b>Total Tics :</b>         |               |    | <b>13.1</b> |      |       |
|                   |               |        | <b>Total Concentration:</b> |               |    | <b>5050</b> |      |       |
| <b>Client ID:</b> | <b>FW7DDL</b> |        |                             |               |    |             |      |       |
| Q3172-01DL        | FW7DDL        | Water  | Vinyl Chloride              | 29.8          | JD | 26.0        | 100  | ug/L  |
| Q3172-01DL        | FW7DDL        | Water  | trans-1,2-Dichloroethene    | 39.1          | JD | 23.0        | 100  | ug/L  |
| Q3172-01DL        | FW7DDL        | Water  | cis-1,2-Dichloroethene      | 550           | D  | 19.0        | 100  | ug/L  |
| Q3172-01DL        | FW7DDL        | Water  | Trichloroethene             | 1500          | D  | 9.30        | 100  | ug/L  |

### Hit Summary Sheet

SW-846

SDG No.: Q3172

Client: G Environmental

| Sample ID         | Client ID     | Matrix | Parameter                     | Concentration | C | MDL   | RDL  | Units |
|-------------------|---------------|--------|-------------------------------|---------------|---|-------|------|-------|
| Q3172-01DL        | FW7DDL        | Water  | Chlorobenzene                 | 8200          | D | 12.0  | 100  | ug/L  |
|                   |               |        | <b>Total Voc :</b>            | 10300         |   |       |      |       |
|                   |               |        | <b>Total Concentration:</b>   | 10300         |   |       |      |       |
| <b>Client ID:</b> | <b>FW6D</b>   |        |                               |               |   |       |      |       |
| Q3172-02          | FW6D          | Water  | Acetone                       | 5.90          |   | 1.50  | 5.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Methyl tert-butyl Ether       | 0.41          | J | 0.16  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Methyl Acetate                | 1.20          |   | 0.27  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | trans-1,2-Dichloroethene      | 1.30          |   | 0.23  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | cis-1,2-Dichloroethene        | 2.60          |   | 0.19  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Benzene                       | 0.46          | J | 0.15  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Trichloroethene               | 5.40          |   | 0.090 | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Toluene                       | 0.50          | J | 0.14  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Chlorobenzene                 | 200           | E | 0.12  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Ethyl Benzene                 | 0.49          | J | 0.13  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | m/p-Xylenes                   | 0.77          | J | 0.24  | 2.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | 1,3-Dichlorobenzene           | 0.54          | J | 0.16  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | 1,4-Dichlorobenzene           | 6.10          |   | 0.19  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | 1,2-Dichlorobenzene           | 6.60          |   | 0.16  | 1.00 | ug/L  |
|                   |               |        | <b>Total Voc :</b>            | 232           |   |       |      |       |
| Q3172-02          | FW6D          | Water  | 1,2,4-Trimethylbenzene        | * 0.52        | J | 0.14  | 1.00 | ug/L  |
|                   |               |        | <b>Total Tics :</b>           | 0.52          |   |       |      |       |
|                   |               |        | <b>Total Concentration:</b>   | 233           |   |       |      |       |
| <b>Client ID:</b> | <b>FW6DDL</b> |        |                               |               |   |       |      |       |
| Q3172-02DL        | FW6DDL        | Water  | Chlorobenzene                 | 100           | D | 0.48  | 4.00 | ug/L  |
|                   |               |        | <b>Total Voc :</b>            | 100           |   |       |      |       |
|                   |               |        | <b>Total Concentration:</b>   | 100           |   |       |      |       |
| <b>Client ID:</b> | <b>GB3W</b>   |        |                               |               |   |       |      |       |
| Q3172-03          | GB3W          | Water  | Acetone                       | 3.10          | J | 1.50  | 5.00 | ug/L  |
| Q3172-03          | GB3W          | Water  | Trichloroethene               | 0.92          | J | 0.090 | 1.00 | ug/L  |
| Q3172-03          | GB3W          | Water  | Chlorobenzene                 | 4.70          |   | 0.12  | 1.00 | ug/L  |
| Q3172-03          | GB3W          | Water  | o-Xylene                      | 0.53          | J | 0.12  | 1.00 | ug/L  |
| Q3172-03          | GB3W          | Water  | Isopropylbenzene              | 1.50          |   | 0.12  | 1.00 | ug/L  |
|                   |               |        | <b>Total Voc :</b>            | 10.8          |   |       |      |       |
| Q3172-03          | GB3W          | Water  | Naphthalene, 1-methyl-        | * 58.4        | J | 0     | 0    | ug/L  |
| Q3172-03          | GB3W          | Water  | Benzene, 1,2,4,5-tetramethyl- | * 13.4        | J | 0     | 0    | ug/L  |
| Q3172-03          | GB3W          | Water  | Indane                        | * 10.7        | J | 0     | 0    | ug/L  |
| Q3172-03          | GB3W          | Water  | Naphthalene, 1,7-dimethyl-    | * 12.0        | J | 0     | 0    | ug/L  |
| Q3172-03          | GB3W          | Water  | Naphthalene, 1,6-dimethyl-    | * 19.7        | J | 0     | 0    | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: Q3172

Client: G Environmental

| Sample ID            | Client ID | Matrix | Parameter                      | Concentration | C | MDL  | RDL  | Units |
|----------------------|-----------|--------|--------------------------------|---------------|---|------|------|-------|
| Q3172-03             | GB3W      | Water  | Naphthalene, 2,3-dimethyl-     | * 27.5        | J | 0    | 0    | ug/L  |
| Q3172-03             | GB3W      | Water  | Naphthalene, 2,7-dimethyl-     | * 21.7        | J | 0    | 0    | ug/L  |
| Q3172-03             | GB3W      | Water  | Benzene, 1-ethyl-2,3-dimethyl- | * 15.6        | J | 0    | 0    | ug/L  |
| Q3172-03             | GB3W      | Water  | Benzene, (3-methyl-2-butenyl)- | * 18.6        | J | 0    | 0    | ug/L  |
| Q3172-03             | GB3W      | Water  | Benzene, 1-ethenyl-3-ethyl-    | * 19.9        | J | 0    | 0    | ug/L  |
| Q3172-03             | GB3W      | Water  | 1H-Indene, 2,3-dihydro-1,2-din | * 12.9        | J | 0    | 0    | ug/L  |
| Q3172-03             | GB3W      | Water  | 1H-Indene, 2,3-dihydro-1,6-din | * 11.5        | J | 0    | 0    | ug/L  |
| Q3172-03             | GB3W      | Water  | n-propylbenzene                | * 1.00        | J | 0.13 | 1.00 | ug/L  |
| Q3172-03             | GB3W      | Water  | 2-Chlorotoluene                | * 4.10        | J | 0.14 | 1.00 | ug/L  |
| Q3172-03             | GB3W      | Water  | tert-Butylbenzene              | * 0.41        | J | 0.14 | 1.00 | ug/L  |
| Q3172-03             | GB3W      | Water  | sec-Butylbenzene               | * 0.69        | J | 0.13 | 1.00 | ug/L  |
| Q3172-03             | GB3W      | Water  | n-Butylbenzene                 | * 0.67        | J | 0.15 | 1.00 | ug/L  |
| Total Tics :         |           |        |                                | 249           |   |      |      |       |
| Total Concentration: |           |        |                                | 260           |   |      |      |       |



# SAMPLE DATA

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | FW7D            |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-01        |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039157.D        | 1         | 09/24/25 17:00 | VV092425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.32  | U         | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 53.5  |           | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 1.40  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.47  | U         | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.33  | U         | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 5.50  | U         | 5.50  | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 9.30  |           | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 1.50  | U         | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.94  | J         | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.16  | U         | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.27  | U         | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.28  | U         | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 77.7  |           | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.34  | J         | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 3.30  | J         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 0.98  | U         | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 1200  | E         | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 1.00  |           | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 4.20  |           | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 39.2  |           | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 1900  | E         | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.68  | UQ        | 0.68  | 5.00       | ug/L  |

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | FW7D            |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-01        |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039157.D        | 1         | 09/24/25 17:00 | VV092425      |

| CAS Number                | Parameter                   | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|---------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 4.60    |           | 0.14     | 1.00       | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 0.17    | U         | 0.17     | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.16    | U         | 0.16     | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.21    | U         | 0.21     | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 0.89    | U         | 0.89     | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.18    | U         | 0.18     | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.15    | U         | 0.15     | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 2.10    |           | 0.23     | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 1600    | E         | 0.12     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 3.00    |           | 0.13     | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 4.30    |           | 0.24     | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 1.50    |           | 0.12     | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.15    | U         | 0.15     | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.19    | U         | 0.19     | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.81    | J         | 0.12     | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.26    | U         | 0.26     | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 3.60    |           | 0.16     | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 51.1    |           | 0.19     | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 80.7    |           | 0.16     | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.53    | U         | 0.53     | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.20    | U         | 0.20     | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.20    | U         | 0.20     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |         |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 50.8    |           | 74 - 125 | 102%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 39.0    |           | 75 - 124 | 78%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 41.6    | *         | 86 - 113 | 83%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 41.7    |           | 77 - 121 | 83%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |         |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 785000  | 4.6       |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 1450000 | 5.532     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 1190000 | 8.805     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 645000  | 11.172    |          |            |         |

## Report of Analysis

|                    |                 |                 |              |
|--------------------|-----------------|-----------------|--------------|
| Client:            | G Environmental | Date Collected: | 09/22/25     |
| Project:           | Amsterdam       | Date Received:  | 09/23/25     |
| Client Sample ID:  | FW7D            | SDG No.:        | Q3172        |
| Lab Sample ID:     | Q3172-01        | Matrix:         | Water        |
| Analytical Method: | 8260D           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units:          | mL           |
| Soil Aliquot Vol:  |                 |                 | uL           |
| GC Column:         | DB-624UI        | ID :            | 0.18         |
| Prep Method :      |                 | Level :         | LOW          |
|                    |                 | Final Vol:      | 5000 uL      |
|                    |                 | Test:           | VOCMS Group1 |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039157.D        | 1         | 09/24/25 17:00 | VV092425      |

| CAS Number                            | Parameter              | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---------------------------------------|------------------------|-------|-----------|-----|------------|-------|
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                        |       |           |     |            |       |
| 60-29-7                               | Diethyl Ether          | 3.00  | J         |     | 1.92       | ug/L  |
| 108-20-3                              | Diisopropyl ether      | 2.80  | J         |     | 3.22       | ug/L  |
| 108-86-1                              | Bromobenzene           | 1.10  | J         |     | 10.2       | ug/L  |
| 95-49-8                               | 2-Chlorotoluene        | 4.50  | J         |     | 10.4       | ug/L  |
| 98-06-6                               | tert-Butylbenzene      | 0.67  | J         |     | 10.8       | ug/L  |
| 95-63-6                               | 1,2,4-Trimethylbenzene | 0.57  | J         |     | 10.8       | ug/L  |
| 91-20-3                               | Naphthalene            | 0.43  | J         |     | 13.4       | ug/L  |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | FW7DDL          |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-01DL      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039182.D        | 100       | 09/25/25 15:33 | VV092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 22.0  | UD        | 22.0 | 100        | ug/L  |
| 74-87-3        | Chloromethane                  | 32.0  | UD        | 32.0 | 100        | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 29.8  | JD        | 26.0 | 100        | ug/L  |
| 74-83-9        | Bromomethane                   | 140   | UD        | 140  | 500        | ug/L  |
| 75-00-3        | Chloroethane                   | 47.0  | UD        | 47.0 | 100        | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 33.0  | UD        | 33.0 | 100        | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 25.0  | UD        | 25.0 | 100        | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 550   | UD        | 550  | 2500       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 23.0  | UD        | 23.0 | 100        | ug/L  |
| 67-64-1        | Acetone                        | 150   | UD        | 150  | 500        | ug/L  |
| 75-15-0        | Carbon Disulfide               | 21.0  | UD        | 21.0 | 100        | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 16.0  | UD        | 16.0 | 100        | ug/L  |
| 79-20-9        | Methyl Acetate                 | 27.0  | UD        | 27.0 | 100        | ug/L  |
| 75-09-2        | Methylene Chloride             | 28.0  | UD        | 28.0 | 100        | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 39.1  | JD        | 23.0 | 100        | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 23.0  | UD        | 23.0 | 100        | ug/L  |
| 110-82-7       | Cyclohexane                    | 150   | UD        | 150  | 500        | ug/L  |
| 78-93-3        | 2-Butanone                     | 98.0  | UD        | 98.0 | 500        | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 25.0  | UD        | 25.0 | 100        | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 550   | D         | 19.0 | 100        | ug/L  |
| 74-97-5        | Bromochloromethane             | 22.0  | UD        | 22.0 | 100        | ug/L  |
| 67-66-3        | Chloroform                     | 25.0  | UD        | 25.0 | 100        | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 20.0  | UD        | 20.0 | 100        | ug/L  |
| 108-87-2       | Methylcyclohexane              | 16.0  | UD        | 16.0 | 100        | ug/L  |
| 71-43-2        | Benzene                        | 15.0  | UD        | 15.0 | 100        | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 22.0  | UD        | 22.0 | 100        | ug/L  |
| 79-01-6        | Trichloroethene                | 1500  | D         | 9.30 | 100        | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 20.0  | UD        | 20.0 | 100        | ug/L  |
| 75-27-4        | Bromodichloromethane           | 22.0  | UD        | 22.0 | 100        | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 68.0  | UD        | 68.0 | 500        | ug/L  |

## Report of Analysis

|                    |                                            |                 |                              |
|--------------------|--------------------------------------------|-----------------|------------------------------|
| Client:            | G Environmental                            | Date Collected: | 09/22/25                     |
| Project:           | Amsterdam                                  | Date Received:  | 09/23/25                     |
| Client Sample ID:  | FW7DDL                                     | SDG No.:        | Q3172                        |
| Lab Sample ID:     | Q3172-01DL                                 | Matrix:         | Water                        |
| Analytical Method: | 8260D                                      | % Solid:        | 0                            |
| Sample Wt/Vol:     | 5                      Units:    mL        | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                         | Test:           | VOCMS Group1                 |
| GC Column:         | DB-624UI                      ID :    0.18 | Level :         | LOW                          |
| Prep Method :      |                                            |                 |                              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039182.D        | 100       | 09/25/25 15:33 | VV092525      |

| CAS Number                | Parameter                   | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|---------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 14.0    | UD        | 14.0     | 100        | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 17.0    | UD        | 17.0     | 100        | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 16.0    | UD        | 16.0     | 100        | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 21.0    | UD        | 21.0     | 100        | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 89.0    | UD        | 89.0     | 500        | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 18.0    | UD        | 18.0     | 100        | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 15.0    | UD        | 15.0     | 100        | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 23.0    | UD        | 23.0     | 100        | ug/L    |
| 108-90-7                  | Chlorobenzene               | 8200    | D         | 12.0     | 100        | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 13.0    | UD        | 13.0     | 100        | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 24.0    | UD        | 24.0     | 200        | ug/L    |
| 95-47-6                   | o-Xylene                    | 12.0    | UD        | 12.0     | 100        | ug/L    |
| 100-42-5                  | Styrene                     | 15.0    | UD        | 15.0     | 100        | ug/L    |
| 75-25-2                   | Bromoform                   | 19.0    | UD        | 19.0     | 100        | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 12.0    | UD        | 12.0     | 100        | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 26.0    | UD        | 26.0     | 100        | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 16.0    | UD        | 16.0     | 100        | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 19.0    | UD        | 19.0     | 100        | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 16.0    | UD        | 16.0     | 100        | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 53.0    | UD        | 53.0     | 100        | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 20.0    | UD        | 20.0     | 100        | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 20.0    | UD        | 20.0     | 100        | ug/L    |
| <b>SURROGATES</b>         |                             |         |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 47.2    |           | 74 - 125 | 94%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 42.7    |           | 75 - 124 | 85%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 39.9    | *         | 86 - 113 | 80%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 39.3    |           | 77 - 121 | 79%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |         |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 687000  | 4.6       |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 1220000 | 5.535     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 1190000 | 8.776     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 556000  | 11.175    |          |            |         |

## Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | FW7DDL          |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-01DL      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039182.D        | 100       | 09/25/25 15:33 | VV092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                 |                 |              |
|--------------------|-----------------|-----------------|--------------|
| Client:            | G Environmental | Date Collected: | 09/22/25     |
| Project:           | Amsterdam       | Date Received:  | 09/23/25     |
| Client Sample ID:  | FW6D            | SDG No.:        | Q3172        |
| Lab Sample ID:     | Q3172-02        | Matrix:         | Water        |
| Analytical Method: | 8260D           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units:          | mL           |
| Soil Aliquot Vol:  |                 |                 | uL           |
| GC Column:         | DB-624UI        | ID :            | 0.18         |
| Prep Method :      |                 | Level :         | LOW          |
|                    |                 | Final Vol:      | 5000         |
|                    |                 | Test:           | VOCMS Group1 |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039158.D        | 1         | 09/24/25 17:22 | VV092425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.32  | U         | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.26  | U         | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 1.40  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.47  | U         | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.33  | U         | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 5.50  | U         | 5.50  | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 5.90  |           | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.21  | U         | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.41  | J         | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 1.20  |           | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.28  | U         | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 1.30  |           | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 1.50  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 0.98  | U         | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 2.60  |           | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.16  | U         | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.46  | J         | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 5.40  |           | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.68  | UQ        | 0.68  | 5.00       | ug/L  |

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | FW6D            |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-02        |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039158.D        | 1         | 09/24/25 17:22 | VV092425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 0.50   | J         | 0.14     | 1.00       | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.21   | U         | 0.21     | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 0.89   | U         | 0.89     | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.18   | U         | 0.18     | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.15   | U         | 0.15     | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.23   | U         | 0.23     | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 200    | E         | 0.12     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.49   | J         | 0.13     | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 0.77   | J         | 0.24     | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.12   | U         | 0.12     | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.15   | U         | 0.15     | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.19   | U         | 0.19     | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.12   | U         | 0.12     | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.26   | U         | 0.26     | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.54   | J         | 0.16     | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 6.10   |           | 0.19     | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 6.60   |           | 0.16     | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.53   | U         | 0.53     | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.20   | U         | 0.20     | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.20   | U         | 0.20     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 55.0   |           | 74 - 125 | 110%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 43.2   |           | 75 - 124 | 86%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 44.7   |           | 86 - 113 | 89%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 42.2   |           | 77 - 121 | 84%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 464000 | 4.603     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 853000 | 5.535     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 809000 | 8.776     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 360000 | 11.175    |          |            |         |

## Report of Analysis

|                    |                 |                 |              |
|--------------------|-----------------|-----------------|--------------|
| Client:            | G Environmental | Date Collected: | 09/22/25     |
| Project:           | Amsterdam       | Date Received:  | 09/23/25     |
| Client Sample ID:  | FW6D            | SDG No.:        | Q3172        |
| Lab Sample ID:     | Q3172-02        | Matrix:         | Water        |
| Analytical Method: | 8260D           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units:          | mL           |
| Soil Aliquot Vol:  |                 |                 | uL           |
| GC Column:         | DB-624UI        | ID :            | 0.18         |
| Prep Method :      |                 | Level :         | LOW          |
|                    |                 | Final Vol:      | 5000 uL      |
|                    |                 | Test:           | VOCMS Group1 |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039158.D        | 1         | 09/24/25 17:22 | VV092425      |

| CAS Number                            | Parameter              | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---------------------------------------|------------------------|-------|-----------|-----|------------|-------|
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                        |       |           |     |            |       |
| 95-63-6                               | 1,2,4-Trimethylbenzene | 0.52  | J         |     | 10.8       | ug/L  |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | FW6DDL          |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-02DL      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039180.D        | 4         | 09/25/25 14:48 | VV092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.88  | UD        | 0.88 | 4.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 1.30  | UD        | 1.30 | 4.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 1.00  | UD        | 1.00 | 4.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.80  | UD        | 5.80 | 20.0       | ug/L  |
| 75-00-3        | Chloroethane                   | 1.90  | UD        | 1.90 | 4.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 1.30  | UD        | 1.30 | 4.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 1.00  | UD        | 1.00 | 4.00       | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 22.0  | UD        | 22.0 | 100        | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.92  | UD        | 0.92 | 4.00       | ug/L  |
| 67-64-1        | Acetone                        | 6.00  | UD        | 6.00 | 20.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.84  | UD        | 0.84 | 4.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.64  | UD        | 0.64 | 4.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 1.10  | UD        | 1.10 | 4.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 1.10  | UD        | 1.10 | 4.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.92  | UD        | 0.92 | 4.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.92  | UD        | 0.92 | 4.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 5.80  | UD        | 5.80 | 20.0       | ug/L  |
| 78-93-3        | 2-Butanone                     | 3.90  | UD        | 3.90 | 20.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 1.00  | UD        | 1.00 | 4.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.76  | UD        | 0.76 | 4.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.88  | UD        | 0.88 | 4.00       | ug/L  |
| 67-66-3        | Chloroform                     | 1.00  | UD        | 1.00 | 4.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.80  | UD        | 0.80 | 4.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.64  | UD        | 0.64 | 4.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.60  | UD        | 0.60 | 4.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.88  | UD        | 0.88 | 4.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.37  | UD        | 0.37 | 4.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.80  | UD        | 0.80 | 4.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.88  | UD        | 0.88 | 4.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.70  | UD        | 2.70 | 20.0       | ug/L  |

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | FW6DDL          |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-02DL      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039180.D        | 4         | 09/25/25 14:48 | VV092525      |

| CAS Number                | Parameter                   | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|---------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 0.56    | UD        | 0.56     | 4.00       | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 0.68    | UD        | 0.68     | 4.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.64    | UD        | 0.64     | 4.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.84    | UD        | 0.84     | 4.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 3.60    | UD        | 3.60     | 20.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.72    | UD        | 0.72     | 4.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.60    | UD        | 0.60     | 4.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.92    | UD        | 0.92     | 4.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 100     | D         | 0.48     | 4.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.52    | UD        | 0.52     | 4.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 0.96    | UD        | 0.96     | 8.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.48    | UD        | 0.48     | 4.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.60    | UD        | 0.60     | 4.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.76    | UD        | 0.76     | 4.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.48    | UD        | 0.48     | 4.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 1.00    | UD        | 1.00     | 4.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.64    | UD        | 0.64     | 4.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.76    | UD        | 0.76     | 4.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.64    | UD        | 0.64     | 4.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 2.10    | UD        | 2.10     | 4.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.80    | UD        | 0.80     | 4.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.80    | UD        | 0.80     | 4.00       | ug/L    |
| <b>SURROGATES</b>         |                             |         |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 56.6    |           | 74 - 125 | 113%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 49.1    |           | 75 - 124 | 98%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 45.3    |           | 86 - 113 | 91%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 44.8    |           | 77 - 121 | 90%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |         |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 642000  | 4.6       |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 1160000 | 5.535     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 1110000 | 8.776     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 524000  | 11.175    |          |            |         |

## Report of Analysis

|                    |                 |                 |              |
|--------------------|-----------------|-----------------|--------------|
| Client:            | G Environmental | Date Collected: | 09/22/25     |
| Project:           | Amsterdam       | Date Received:  | 09/23/25     |
| Client Sample ID:  | FW6DDL          | SDG No.:        | Q3172        |
| Lab Sample ID:     | Q3172-02DL      | Matrix:         | Water        |
| Analytical Method: | 8260D           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units:          | mL           |
| Soil Aliquot Vol:  |                 |                 | uL           |
| GC Column:         | DB-624UI        | ID :            | 0.18         |
| Prep Method :      |                 | Level :         | LOW          |
|                    |                 | Final Vol:      | 5000         |
|                    |                 |                 | uL           |
|                    |                 | Test:           | VOCMS Group1 |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039180.D        | 4         | 09/25/25 14:48 | VV092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | GB3W            |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-03        |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039185.D        | 1         | 09/25/25 16:40 | VV092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.32  | U         | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.26  | U         | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 1.40  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.47  | U         | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.33  | U         | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 5.50  | U         | 5.50  | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.10  | J         | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.21  | U         | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.16  | U         | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.27  | U         | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.28  | U         | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 1.50  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 0.98  | U         | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.19  | U         | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.16  | U         | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.15  | U         | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.92  | J         | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.68  | U         | 0.68  | 5.00       | ug/L  |

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | GB3W            |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-03        |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039185.D        | 1         | 09/25/25 16:40 | VV092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 0.14   | U         | 0.14     | 1.00       | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.21   | U         | 0.21     | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 0.89   | U         | 0.89     | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.18   | U         | 0.18     | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.15   | U         | 0.15     | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.23   | U         | 0.23     | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 4.70   |           | 0.12     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.13   | U         | 0.13     | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 0.24   | U         | 0.24     | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.53   | J         | 0.12     | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.15   | U         | 0.15     | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.19   | U         | 0.19     | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 1.50   |           | 0.12     | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.26   | U         | 0.26     | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.19   | U         | 0.19     | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.53   | U         | 0.53     | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.20   | U         | 0.20     | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.20   | U         | 0.20     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 55.1   |           | 74 - 125 | 110%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 50.7   |           | 75 - 124 | 101%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 46.4   |           | 86 - 113 | 93%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 46.9   |           | 77 - 121 | 94%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 368000 | 4.603     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 653000 | 5.535     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 662000 | 8.776     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 325000 | 11.175    |          |            |         |

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: | 09/22/25     |    |
| Project:           | Amsterdam       |           | Date Received:  | 09/23/25     |    |
| Client Sample ID:  | GB3W            |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | Q3172-03        |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039185.D        | 1         | 09/25/25 16:40 | VV092525      |

| CAS Number                            | Parameter                          | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|-------|-----------|-----|------------|-------|
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |       |           |     |            |       |
| 103-65-1                              | n-propylbenzene                    | 1.00  | J         |     | 10.3       | ug/L  |
| 95-49-8                               | 2-Chlorotoluene                    | 4.10  | J         |     | 10.4       | ug/L  |
| 98-06-6                               | tert-Butylbenzene                  | 0.41  | J         |     | 10.8       | ug/L  |
| 135-98-8                              | sec-Butylbenzene                   | 0.69  | J         |     | 11.0       | ug/L  |
| 000496-11-7                           | Indane                             | 10.7  | J         |     | 11.5       | ug/L  |
| 104-51-8                              | n-Butylbenzene                     | 0.67  | J         |     | 11.6       | ug/L  |
| 000933-98-2                           | Benzene, 1-ethyl-2,3-dimethyl-     | 15.6  | J         |     | 11.9       | ug/L  |
| 007525-62-4                           | Benzene, 1-ethenyl-3-ethyl-        | 19.9  | J         |     | 12.0       | ug/L  |
| 000095-93-2                           | Benzene, 1,2,4,5-tetramethyl-      | 13.4  | J         |     | 12.3       | ug/L  |
| 017059-48-2                           | 1H-Indene, 2,3-dihydro-1,6-dimethy | 11.5  | J         |     | 13.3       | ug/L  |
| 017057-82-8                           | 1H-Indene, 2,3-dihydro-1,2-dimethy | 12.9  | J         |     | 13.8       | ug/L  |
| 004489-84-3                           | Benzene, (3-methyl-2-butenyl)-     | 18.6  | J         |     | 14.0       | ug/L  |
| 000090-12-0                           | Naphthalene, 1-methyl-             | 58.4  | J         |     | 14.7       | ug/L  |
| 000582-16-1                           | Naphthalene, 2,7-dimethyl-         | 21.7  | J         |     | 15.6       | ug/L  |
| 000581-40-8                           | Naphthalene, 2,3-dimethyl-         | 27.5  | J         |     | 15.7       | ug/L  |
| 000575-43-9                           | Naphthalene, 1,6-dimethyl-         | 19.7  | J         |     | 15.8       | ug/L  |
| 000575-37-1                           | Naphthalene, 1,7-dimethyl-         | 12.0  | J         |     | 16.0       | ug/L  |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



# QC SUMMARY

A

B

C

D

E

F

G

H

I

J

### Surrogate Summary

SDG No.: **Q3172**

Client: **G Environmental**

Analytical Method: **SW8260-Low**

| Lab Sample ID | Client ID    | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------|-----------------------|-------|--------|--------------|------|------------|------|
|               |              |                       |       |        |              |      | Low        | High |
| Q3172-01      | FW7D         | 1,2-Dichloroethane-d4 | 50    | 50.8   | 102          |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 39.0   | 78           |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 41.6   | 83           | *    | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 41.8   | 83           |      | 77         | 121  |
| Q3172-01DL    | FW7DDL       | 1,2-Dichloroethane-d4 | 50    | 47.2   | 94           |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 42.7   | 85           |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 39.9   | 80           | *    | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 39.3   | 79           |      | 77         | 121  |
| Q3172-02      | FW6D         | 1,2-Dichloroethane-d4 | 50    | 55.0   | 110          |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 43.2   | 86           |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 44.7   | 89           |      | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 42.2   | 84           |      | 77         | 121  |
| Q3172-02DL    | FW6DDL       | 1,2-Dichloroethane-d4 | 50    | 56.6   | 113          |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 49.1   | 98           |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 45.3   | 91           |      | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 44.8   | 90           |      | 77         | 121  |
| Q3172-03      | GB3W         | 1,2-Dichloroethane-d4 | 50    | 55.1   | 110          |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 50.7   | 101          |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 46.5   | 93           |      | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 46.9   | 94           |      | 77         | 121  |
| VV0924WBL01   | VV0924WBL01  | 1,2-Dichloroethane-d4 | 50    | 62.2   | 124          |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 54.6   | 109          |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 44.1   | 88           |      | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 48.0   | 96           |      | 77         | 121  |
| VV0924WBS02   | VV0924WBS02  | 1,2-Dichloroethane-d4 | 50    | 49.0   | 98           |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 50.0   | 100          |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 49.5   | 99           |      | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 52.0   | 104          |      | 77         | 121  |
| VV0924WBSD0   | VV0924WBSD02 | 1,2-Dichloroethane-d4 | 50    | 49.5   | 99           |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 50.1   | 100          |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 50.7   | 101          |      | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 55.0   | 110          |      | 77         | 121  |
| VV0925WBL01   | VV0925WBL01  | 1,2-Dichloroethane-d4 | 50    | 60.1   | 120          |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 53.3   | 107          |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 47.3   | 95           |      | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 44.1   | 88           |      | 77         | 121  |
| VV0925WBS01   | VV0925WBS01  | 1,2-Dichloroethane-d4 | 50    | 45.1   | 90           |      | 74         | 125  |
|               |              | Dibromofluoromethane  | 50    | 47.8   | 96           |      | 75         | 124  |
|               |              | Toluene-d8            | 50    | 47.9   | 96           |      | 86         | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 51.2   | 102          |      | 77         | 121  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                 |                    |            |
|----------|-----------------|--------------------|------------|
| SDG No.: | Q3172           | Analytical Method: | SW8260-Low |
| Client:  | G Environmental | Datafile :         | VV039150.D |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|-------------|-----|
| VV0924WBS02   | Dichlorodifluoromethane        | 20    | 19.1   | ug/L | 96  |     |      | 69  | 116         |     |
|               | Chloromethane                  | 20    | 19.1   | ug/L | 96  |     |      | 65  | 116         |     |
|               | Vinyl chloride                 | 20    | 19.4   | ug/L | 97  |     |      | 65  | 117         |     |
|               | Bromomethane                   | 20    | 20.9   | ug/L | 104 |     |      | 58  | 125         |     |
|               | Chloroethane                   | 20    | 21.1   | ug/L | 106 |     |      | 56  | 128         |     |
|               | Trichlorofluoromethane         | 20    | 20.0   | ug/L | 100 |     |      | 73  | 115         |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.7   | ug/L | 99  |     |      | 80  | 112         |     |
|               | Tert butyl alcohol             | 100   | 110    | ug/L | 110 |     |      | 48  | 142         |     |
|               | 1,1-Dichloroethene             | 20    | 20.0   | ug/L | 100 |     |      | 74  | 110         |     |
|               | Acetone                        | 100   | 110    | ug/L | 110 |     |      | 60  | 125         |     |
|               | Carbon disulfide               | 20    | 19.6   | ug/L | 98  |     |      | 64  | 112         |     |
|               | Methyl tert-butyl Ether        | 20    | 20.9   | ug/L | 104 |     |      | 78  | 114         |     |
|               | Methyl Acetate                 | 20    | 22.4   | ug/L | 112 |     |      | 67  | 125         |     |
|               | Methylene Chloride             | 20    | 22.7   | ug/L | 114 |     |      | 72  | 114         |     |
|               | trans-1,2-Dichloroethene       | 20    | 19.7   | ug/L | 99  |     |      | 75  | 108         |     |
|               | 1,1-Dichloroethane             | 20    | 19.6   | ug/L | 98  |     |      | 78  | 112         |     |
|               | Cyclohexane                    | 20    | 18.7   | ug/L | 94  |     |      | 75  | 110         |     |
|               | 2-Butanone                     | 100   | 110    | ug/L | 110 |     |      | 65  | 122         |     |
|               | Carbon Tetrachloride           | 20    | 19.7   | ug/L | 99  |     |      | 77  | 113         |     |
|               | cis-1,2-Dichloroethene         | 20    | 19.5   | ug/L | 98  |     |      | 77  | 110         |     |
|               | Bromochloromethane             | 20    | 20.3   | ug/L | 102 |     |      | 70  | 124         |     |
|               | Chloroform                     | 20    | 19.9   | ug/L | 100 |     |      | 79  | 113         |     |
|               | 1,1,1-Trichloroethane          | 20    | 20.0   | ug/L | 100 |     |      | 80  | 108         |     |
|               | Methylcyclohexane              | 20    | 19.6   | ug/L | 98  |     |      | 72  | 115         |     |
|               | Benzene                        | 20    | 20.1   | ug/L | 101 |     |      | 82  | 109         |     |
|               | 1,2-Dichloroethane             | 20    | 20.7   | ug/L | 104 |     |      | 80  | 115         |     |
|               | Trichloroethene                | 20    | 20.3   | ug/L | 102 |     |      | 77  | 113         |     |
|               | 1,2-Dichloropropane            | 20    | 20.9   | ug/L | 104 |     |      | 83  | 111         |     |
|               | Bromodichloromethane           | 20    | 20.6   | ug/L | 103 |     |      | 83  | 110         |     |
|               | 4-Methyl-2-Pentanone           | 100   | 120    | ug/L | 120 |     | *    | 74  | 118         |     |
|               | Toluene                        | 20    | 21.8   | ug/L | 109 |     |      | 82  | 110         |     |
|               | t-1,3-Dichloropropene          | 20    | 21.6   | ug/L | 108 |     |      | 79  | 110         |     |
|               | cis-1,3-Dichloropropene        | 20    | 21.5   | ug/L | 108 |     |      | 82  | 110         |     |
|               | 1,1,2-Trichloroethane          | 20    | 21.0   | ug/L | 105 |     |      | 83  | 112         |     |
|               | 2-Hexanone                     | 100   | 110    | ug/L | 110 |     |      | 73  | 117         |     |
|               | Dibromochloromethane           | 20    | 20.5   | ug/L | 103 |     |      | 82  | 110         |     |
|               | 1,2-Dibromoethane              | 20    | 21.5   | ug/L | 108 |     |      | 81  | 110         |     |
|               | Tetrachloroethene              | 20    | 20.2   | ug/L | 101 |     |      | 67  | 123         |     |
|               | Chlorobenzene                  | 20    | 19.8   | ug/L | 99  |     |      | 82  | 109         |     |
|               | Ethyl Benzene                  | 20    | 19.9   | ug/L | 100 |     |      | 83  | 109         |     |
|               | m/p-Xylenes                    | 40    | 43.2   | ug/L | 108 |     |      | 82  | 110         |     |
|               | o-Xylene                       | 20    | 20.4   | ug/L | 102 |     |      | 83  | 109         |     |
|               | Styrene                        | 20    | 18.9   | ug/L | 95  |     |      | 80  | 111         |     |
|               | Bromoform                      | 20    | 21.4   | ug/L | 107 |     |      | 79  | 109         |     |
|               | Isopropylbenzene               | 20    | 19.8   | ug/L | 99  |     |      | 83  | 112         |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 19.2   | ug/L | 96  |     |      | 76  | 118         |     |
|               | 1,3-Dichlorobenzene            | 20    | 19.6   | ug/L | 98  |     |      | 82  | 108         |     |
|               | 1,4-Dichlorobenzene            | 20    | 19.2   | ug/L | 96  |     |      | 82  | 107         |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                               |                           |                          |
|-----------------|-------------------------------|---------------------------|--------------------------|
| <b>SDG No.:</b> | <u><b>Q3172</b></u>           | <b>Analytical Method:</b> | <u><b>SW8260-Low</b></u> |
| <b>Client:</b>  | <u><b>G Environmental</b></u> | <b>Datafile :</b>         | <u><b>VV039150.D</b></u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VV0924WBS02   | 1,2-Dichlorobenzene         | 20    | 19.0   | ug/L | 95  |     |      | 82  | 109            |     |
|               | 1,2-Dibromo-3-Chloropropane | 20    | 21.3   | ug/L | 106 |     |      | 68  | 112            |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 18.7   | ug/L | 94  |     |      | 75  | 113            |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 19.1   | ug/L | 96  |     |      | 76  | 114            |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                 |                    |            |
|----------|-----------------|--------------------|------------|
| SDG No.: | Q3172           | Analytical Method: | SW8260-Low |
| Client:  | G Environmental | Datafile :         | VV039165.D |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|-------------|-----|
| VV0924WBSD02  | Dichlorodifluoromethane        | 20    | 18.1   | ug/L | 91  | 5   |      | 69  | 116         | 19  |
|               | Chloromethane                  | 20    | 18.2   | ug/L | 91  | 5   |      | 65  | 116         | 21  |
|               | Vinyl chloride                 | 20    | 18.1   | ug/L | 91  | 6   |      | 65  | 117         | 19  |
|               | Bromomethane                   | 20    | 14.7   | ug/L | 74  | 34  | *    | 58  | 125         | 20  |
|               | Chloroethane                   | 20    | 20.0   | ug/L | 100 | 6   |      | 56  | 128         | 20  |
|               | Trichlorofluoromethane         | 20    | 18.9   | ug/L | 95  | 5   |      | 73  | 115         | 16  |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.0   | ug/L | 95  | 4   |      | 80  | 112         | 15  |
|               | Tert butyl alcohol             | 100   | 110    | ug/L | 110 | 0   |      | 48  | 142         | 30  |
|               | 1,1-Dichloroethene             | 20    | 19.4   | ug/L | 97  | 3   |      | 74  | 110         | 20  |
|               | Acetone                        | 100   | 79.7   | ug/L | 80  | 32  | *    | 60  | 125         | 20  |
|               | Carbon disulfide               | 20    | 18.3   | ug/L | 92  | 6   |      | 64  | 112         | 20  |
|               | Methyl tert-butyl Ether        | 20    | 19.3   | ug/L | 97  | 7   |      | 78  | 114         | 20  |
|               | Methyl Acetate                 | 20    | 20.1   | ug/L | 101 | 10  |      | 67  | 125         | 20  |
|               | Methylene Chloride             | 20    | 20.9   | ug/L | 104 | 9   |      | 72  | 114         | 20  |
|               | trans-1,2-Dichloroethene       | 20    | 18.6   | ug/L | 93  | 6   |      | 75  | 108         | 16  |
|               | 1,1-Dichloroethane             | 20    | 18.1   | ug/L | 91  | 7   |      | 78  | 112         | 20  |
|               | Cyclohexane                    | 20    | 18.4   | ug/L | 92  | 2   |      | 75  | 110         | 20  |
|               | 2-Butanone                     | 100   | 92.0   | ug/L | 92  | 18  |      | 65  | 122         | 26  |
|               | Carbon Tetrachloride           | 20    | 18.2   | ug/L | 91  | 8   |      | 77  | 113         | 15  |
|               | cis-1,2-Dichloroethene         | 20    | 18.8   | ug/L | 94  | 4   |      | 77  | 110         | 20  |
|               | Bromochloromethane             | 20    | 19.2   | ug/L | 96  | 6   |      | 70  | 124         | 20  |
|               | Chloroform                     | 20    | 18.4   | ug/L | 92  | 8   |      | 79  | 113         | 20  |
|               | 1,1,1-Trichloroethane          | 20    | 18.4   | ug/L | 92  | 8   |      | 80  | 108         | 20  |
|               | Methylcyclohexane              | 20    | 18.2   | ug/L | 91  | 7   |      | 72  | 115         | 20  |
|               | Benzene                        | 20    | 18.8   | ug/L | 94  | 7   |      | 82  | 109         | 15  |
|               | 1,2-Dichloroethane             | 20    | 18.5   | ug/L | 93  | 11  |      | 80  | 115         | 20  |
|               | Trichloroethene                | 20    | 19.2   | ug/L | 96  | 6   |      | 77  | 113         | 15  |
|               | 1,2-Dichloropropane            | 20    | 19.4   | ug/L | 97  | 7   |      | 83  | 111         | 16  |
|               | Bromodichloromethane           | 20    | 18.3   | ug/L | 92  | 11  |      | 83  | 110         | 16  |
|               | 4-Methyl-2-Pentanone           | 100   | 100    | ug/L | 100 | 18  |      | 74  | 118         | 25  |
|               | Toluene                        | 20    | 20.0   | ug/L | 100 | 9   |      | 82  | 110         | 16  |
|               | t-1,3-Dichloropropene          | 20    | 18.5   | ug/L | 93  | 15  |      | 79  | 110         | 20  |
|               | cis-1,3-Dichloropropene        | 20    | 19.2   | ug/L | 96  | 12  |      | 82  | 110         | 16  |
|               | 1,1,2-Trichloroethane          | 20    | 18.5   | ug/L | 93  | 12  |      | 83  | 112         | 20  |
|               | 2-Hexanone                     | 100   | 91.4   | ug/L | 91  | 19  |      | 73  | 117         | 25  |
|               | Dibromochloromethane           | 20    | 18.5   | ug/L | 93  | 10  |      | 82  | 110         | 20  |
|               | 1,2-Dibromoethane              | 20    | 19.3   | ug/L | 97  | 11  |      | 81  | 110         | 20  |
|               | Tetrachloroethene              | 20    | 19.7   | ug/L | 99  | 2   |      | 67  | 123         | 15  |
|               | Chlorobenzene                  | 20    | 19.9   | ug/L | 100 | 1   |      | 82  | 109         | 15  |
|               | Ethyl Benzene                  | 20    | 19.2   | ug/L | 96  | 4   |      | 83  | 109         | 16  |
|               | m/p-Xylenes                    | 40    | 40.4   | ug/L | 101 | 7   |      | 82  | 110         | 15  |
|               | o-Xylene                       | 20    | 19.8   | ug/L | 99  | 3   |      | 83  | 109         | 20  |
|               | Styrene                        | 20    | 17.9   | ug/L | 90  | 5   |      | 80  | 111         | 17  |
|               | Bromoform                      | 20    | 18.8   | ug/L | 94  | 13  |      | 79  | 109         | 20  |
|               | Isopropylbenzene               | 20    | 19.6   | ug/L | 98  | 1   |      | 83  | 112         | 29  |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 17.9   | ug/L | 90  | 6   |      | 76  | 118         | 20  |
|               | 1,3-Dichlorobenzene            | 20    | 18.7   | ug/L | 94  | 4   |      | 82  | 108         | 20  |
|               | 1,4-Dichlorobenzene            | 20    | 17.9   | ug/L | 90  | 6   |      | 82  | 107         | 15  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                               |                           |                          |
|-----------------|-------------------------------|---------------------------|--------------------------|
| <b>SDG No.:</b> | <u><b>Q3172</b></u>           | <b>Analytical Method:</b> | <u><b>SW8260-Low</b></u> |
| <b>Client:</b>  | <u><b>G Environmental</b></u> | <b>Datafile :</b>         | <u><b>VV039165.D</b></u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VV0924WBSD02  | 1,2-Dichlorobenzene         | 20    | 18.5   | ug/L | 93  | 2   |      | 82  | 109            | 20  |
|               | 1,2-Dibromo-3-Chloropropane | 20    | 19.7   | ug/L | 99  | 7   |      | 68  | 112            | 20  |
|               | 1,2,4-Trichlorobenzene      | 20    | 18.4   | ug/L | 92  | 2   |      | 75  | 113            | 29  |
|               | 1,2,3-Trichlorobenzene      | 20    | 18.7   | ug/L | 94  | 2   |      | 76  | 114            | 29  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                 |                    |            |
|----------|-----------------|--------------------|------------|
| SDG No.: | Q3172           | Analytical Method: | SW8260-Low |
| Client:  | G Environmental | Datafile :         | VV039171.D |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|-------------|-----|
| VV0925WBS01   | Dichlorodifluoromethane        | 20    | 18.2   | ug/L | 91  |     |      | 69  | 116         |     |
|               | Chloromethane                  | 20    | 19.1   | ug/L | 96  |     |      | 65  | 116         |     |
|               | Vinyl chloride                 | 20    | 19.4   | ug/L | 97  |     |      | 65  | 117         |     |
|               | Bromomethane                   | 20    | 18.7   | ug/L | 94  |     |      | 58  | 125         |     |
|               | Chloroethane                   | 20    | 19.3   | ug/L | 97  |     |      | 56  | 128         |     |
|               | Trichlorofluoromethane         | 20    | 19.4   | ug/L | 97  |     |      | 73  | 115         |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 20.0   | ug/L | 100 |     |      | 80  | 112         |     |
|               | Tert butyl alcohol             | 100   | 110    | ug/L | 110 |     |      | 48  | 142         |     |
|               | 1,1-Dichloroethene             | 20    | 19.9   | ug/L | 100 |     |      | 74  | 110         |     |
|               | Acetone                        | 100   | 89.0   | ug/L | 89  |     |      | 60  | 125         |     |
|               | Carbon disulfide               | 20    | 19.0   | ug/L | 95  |     |      | 64  | 112         |     |
|               | Methyl tert-butyl Ether        | 20    | 20.0   | ug/L | 100 |     |      | 78  | 114         |     |
|               | Methyl Acetate                 | 20    | 21.2   | ug/L | 106 |     |      | 67  | 125         |     |
|               | Methylene Chloride             | 20    | 20.6   | ug/L | 103 |     |      | 72  | 114         |     |
|               | trans-1,2-Dichloroethene       | 20    | 19.7   | ug/L | 99  |     |      | 75  | 108         |     |
|               | 1,1-Dichloroethane             | 20    | 19.3   | ug/L | 97  |     |      | 78  | 112         |     |
|               | Cyclohexane                    | 20    | 18.2   | ug/L | 91  |     |      | 75  | 110         |     |
|               | 2-Butanone                     | 100   | 97.1   | ug/L | 97  |     |      | 65  | 122         |     |
|               | Carbon Tetrachloride           | 20    | 19.4   | ug/L | 97  |     |      | 77  | 113         |     |
|               | cis-1,2-Dichloroethene         | 20    | 19.5   | ug/L | 98  |     |      | 77  | 110         |     |
|               | Bromochloromethane             | 20    | 20.5   | ug/L | 103 |     |      | 70  | 124         |     |
|               | Chloroform                     | 20    | 19.2   | ug/L | 96  |     |      | 79  | 113         |     |
|               | 1,1,1-Trichloroethane          | 20    | 19.0   | ug/L | 95  |     |      | 80  | 108         |     |
|               | Methylcyclohexane              | 20    | 19.2   | ug/L | 96  |     |      | 72  | 115         |     |
|               | Benzene                        | 20    | 19.9   | ug/L | 100 |     |      | 82  | 109         |     |
|               | 1,2-Dichloroethane             | 20    | 19.6   | ug/L | 98  |     |      | 80  | 115         |     |
|               | Trichloroethene                | 20    | 20.4   | ug/L | 102 |     |      | 77  | 113         |     |
|               | 1,2-Dichloropropane            | 20    | 20.5   | ug/L | 103 |     |      | 83  | 111         |     |
|               | Bromodichloromethane           | 20    | 19.3   | ug/L | 97  |     |      | 83  | 110         |     |
|               | 4-Methyl-2-Pentanone           | 100   | 110    | ug/L | 110 |     |      | 74  | 118         |     |
|               | Toluene                        | 20    | 21.5   | ug/L | 108 |     |      | 82  | 110         |     |
|               | t-1,3-Dichloropropene          | 20    | 20.1   | ug/L | 101 |     |      | 79  | 110         |     |
|               | cis-1,3-Dichloropropene        | 20    | 20.2   | ug/L | 101 |     |      | 82  | 110         |     |
|               | 1,1,2-Trichloroethane          | 20    | 20.0   | ug/L | 100 |     |      | 83  | 112         |     |
|               | 2-Hexanone                     | 100   | 99.6   | ug/L | 100 |     |      | 73  | 117         |     |
|               | Dibromochloromethane           | 20    | 20.2   | ug/L | 101 |     |      | 82  | 110         |     |
|               | 1,2-Dibromoethane              | 20    | 20.6   | ug/L | 103 |     |      | 81  | 110         |     |
|               | Tetrachloroethene              | 20    | 20.2   | ug/L | 101 |     |      | 67  | 123         |     |
|               | Chlorobenzene                  | 20    | 20.1   | ug/L | 101 |     |      | 82  | 109         |     |
|               | Ethyl Benzene                  | 20    | 20.0   | ug/L | 100 |     |      | 83  | 109         |     |
|               | m/p-Xylenes                    | 40    | 43.1   | ug/L | 108 |     |      | 82  | 110         |     |
|               | o-Xylene                       | 20    | 21.0   | ug/L | 105 |     |      | 83  | 109         |     |
|               | Styrene                        | 20    | 19.3   | ug/L | 97  |     |      | 80  | 111         |     |
|               | Bromoform                      | 20    | 20.5   | ug/L | 103 |     |      | 79  | 109         |     |
|               | Isopropylbenzene               | 20    | 20.6   | ug/L | 103 |     |      | 83  | 112         |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 19.4   | ug/L | 97  |     |      | 76  | 118         |     |
|               | 1,3-Dichlorobenzene            | 20    | 19.6   | ug/L | 98  |     |      | 82  | 108         |     |
|               | 1,4-Dichlorobenzene            | 20    | 18.9   | ug/L | 95  |     |      | 82  | 107         |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                               |                           |                          |
|-----------------|-------------------------------|---------------------------|--------------------------|
| <b>SDG No.:</b> | <u><b>Q3172</b></u>           | <b>Analytical Method:</b> | <u><b>SW8260-Low</b></u> |
| <b>Client:</b>  | <u><b>G Environmental</b></u> | <b>Datafile :</b>         | <u><b>VV039171.D</b></u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VV0925WBS01   | 1,2-Dichlorobenzene         | 20    | 19.8   | ug/L | 99  |     |      | 82  | 109            |     |
|               | 1,2-Dibromo-3-Chloropropane | 20    | 22.1   | ug/L | 111 |     |      | 68  | 112            |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 19.2   | ug/L | 96  |     |      | 75  | 113            |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 19.9   | ug/L | 100 |     |      | 76  | 114            |     |

VOLATILE METHOD BLANK SUMMARY

Client ID

VV0924WBL01

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3172

Lab File ID: VV039148.D

Lab Sample ID: VV0924WBL01

Date Analyzed: 09/24/2025

Time Analyzed: 13:09

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_V

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VV0924WBS02       | VV0924WBS02      | VV039150.D     | 09/24/2025       |
| FW7D              | Q3172-01         | VV039157.D     | 09/24/2025       |
| FW6D              | Q3172-02         | VV039158.D     | 09/24/2025       |
| VV0924WBSD02      | VV0924WBSD02     | VV039165.D     | 09/24/2025       |

COMMENTS: \_\_\_\_\_

VOLATILE METHOD BLANK SUMMARY

Client ID

VV0925WBL01

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3172

Lab File ID: VV039170.D

Lab Sample ID: VV0925WBL01

Date Analyzed: 09/25/2025

Time Analyzed: 11:01

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_V

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VV0925WBS01       | VV0925WBS01      | VV039171.D     | 09/25/2025       |
| FW6DDL            | Q3172-02DL       | VV039180.D     | 09/25/2025       |
| FW7DDL            | Q3172-01DL       | VV039182.D     | 09/25/2025       |
| GB3W              | Q3172-03         | VV039185.D     | 09/25/2025       |

COMMENTS: \_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3172

Lab File ID: VV039134.D

BFB Injection Date: 09/22/2025

Instrument ID: MSVOA\_V

BFB Injection Time: 10:15

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.1                  |
| 173 | Less than 2.0% of mass 174         | 1.1 ( 1.6 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 73.3                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.5 ( 7.5 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.4 ( 96 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.4 ( 6.3 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC010 | VSTDIC010     | VV039137.D  | 09/22/2025    | 12:26         |
| VSTDIC020 | VSTDIC020     | VV039138.D  | 09/22/2025    | 12:48         |
| VSTDIC050 | VSTDIC050     | VV039139.D  | 09/22/2025    | 13:26         |
| VSTDIC100 | VSTDIC100     | VV039140.D  | 09/22/2025    | 13:49         |
| VSTDIC005 | VSTDIC005     | VV039142.D  | 09/22/2025    | 15:37         |
| VSTDIC001 | VSTDIC001     | VV039143.D  | 09/22/2025    | 16:35         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: VV039145.D  
Instrument ID: MSVOA\_V  
GC Column: DB-624UI ID: 0.18 (mm)

Contract: GENV01  
SDG NO.: Q3172  
BFB Injection Date: 09/24/2025  
BFB Injection Time: 09:52  
Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.7                  |
| 173 | Less than 2.0% of mass 174         | 1.4 ( 1.9 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 77.1                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.2 ( 6.7 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.5 ( 95.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.9 ( 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 ID    | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|--------------|---------------|-------------|---------------|---------------|
| VSTDCCC050   | VSTDCCC050    | VV039146.D  | 09/24/2025    | 10:49         |
| VV0924WBL01  | VV0924WBL01   | VV039148.D  | 09/24/2025    | 13:09         |
| VV0924WBS02  | VV0924WBS02   | VV039150.D  | 09/24/2025    | 14:01         |
| FW7D         | Q3172-01      | VV039157.D  | 09/24/2025    | 17:00         |
| FW6D         | Q3172-02      | VV039158.D  | 09/24/2025    | 17:22         |
| VV0924WBSD02 | VV0924WBSD02  | VV039165.D  | 09/24/2025    | 19:59         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3172

Lab File ID: VV039167.D

BFB Injection Date: 09/25/2025

Instrument ID: MSVOA\_V

BFB Injection Time: 09:14

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 16.2                 |
| 75  | 30.0 - 60.0% of mass 95            | 49.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 173 | Less than 2.0% of mass 174         | 1.3 ( 1.7 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 72.3                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.7 ( 7.9 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 69.9 ( 96.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.4 ( 6.3 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID   | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-------------|---------------|-------------|---------------|---------------|
| VSTDCCC050  | VSTDCCC050    | VV039168.D  | 09/25/2025    | 09:59         |
| VV0925WBL01 | VV0925WBL01   | VV039170.D  | 09/25/2025    | 11:01         |
| VV0925WBS01 | VV0925WBS01   | VV039171.D  | 09/25/2025    | 11:24         |
| FW6DDL      | Q3172-02DL    | VV039180.D  | 09/25/2025    | 14:48         |
| FW7DDL      | Q3172-01DL    | VV039182.D  | 09/25/2025    | 15:33         |
| GB3W        | Q3172-03      | VV039185.D  | 09/25/2025    | 16:40         |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01  
Lab Code: ACE SDG NO.: Q3172  
Lab File ID: VV039146.D Date Analyzed: 09/24/2025  
Instrument ID: MSVOA\_V Time Analyzed: 10:49  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                | IS1<br>AREA # | RT # | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #  |
|----------------|---------------|------|---------------|-------|---------------|-------|
| 12 HOUR STD    | 558154        | 4.60 | 907128        | 5.53  | 923608        | 8.78  |
| UPPER LIMIT    | 1116310       | 5.1  | 1814260       | 6.032 | 1847220       | 9.277 |
| LOWER LIMIT    | 279077        | 4.1  | 453564        | 5.032 | 461804        | 8.277 |
| EPA SAMPLE NO. |               |      |               |       |               |       |
| FW7D           | 784952        | 4.60 | 1453021       | 5.53  | 1186446       | 8.81  |
| FW6D           | 463506        | 4.60 | 853323        | 5.54  | 809313        | 8.78  |
| VV0924WBL01    | 463770        | 4.60 | 858892        | 5.53  | 831675        | 8.77  |
| VV0924WBS02    | 492318        | 4.60 | 795602        | 5.53  | 784865        | 8.78  |
| VV0924WBSD02   | 545364        | 4.60 | 903558        | 5.53  | 885424        | 8.78  |

IS1 = Pentafluorobenzene  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01  
Lab Code: ACE SDG NO.: Q3172  
Lab File ID: VV039146.D Date Analyzed: 09/24/2025  
Instrument ID: MSVOA\_V Time Analyzed: 10:49  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 551620        | 11.172 |  |  |  |  |
| UPPER LIMIT    | 1103240       | 11.672 |  |  |  |  |
| LOWER LIMIT    | 275810        | 10.672 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| FW7D           | 645392        | 11.17  |  |  |  |  |
| FW6D           | 359745        | 11.18  |  |  |  |  |
| VV0924WBL01    | 379013        | 11.18  |  |  |  |  |
| VV0924WBS02    | 468522        | 11.17  |  |  |  |  |
| VV0924WBSD02   | 510716        | 11.17  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01  
Lab Code: ACE SDG NO.: Q3172  
Lab File ID: VV039168.D Date Analyzed: 09/25/2025  
Instrument ID: MSVOA\_V Time Analyzed: 09:59  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #  |
|----------------|---------------|-------|---------------|-------|---------------|-------|
| 12 HOUR STD    | 605297        | 4.60  | 933338        | 5.53  | 901987        | 8.77  |
| UPPER LIMIT    | 1210590       | 5.096 | 1866680       | 6.029 | 1803970       | 9.273 |
| LOWER LIMIT    | 302649        | 4.096 | 466669        | 5.029 | 450994        | 8.273 |
| EPA SAMPLE NO. |               |       |               |       |               |       |
| FW7DDL         | 686688        | 4.60  | 1217519       | 5.54  | 1189450       | 8.78  |
| FW6DDL         | 642311        | 4.60  | 1161576       | 5.54  | 1114736       | 8.78  |
| GB3W           | 368346        | 4.60  | 653076        | 5.54  | 662159        | 8.78  |
| VV0925WBL01    | 480047        | 4.60  | 864912        | 5.53  | 870930        | 8.78  |
| VV0925WBS01    | 557017        | 4.60  | 898902        | 5.54  | 871912        | 8.78  |

IS1 = Pentafluorobenzene  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01  
 Lab Code: ACE SDG NO.: Q3172  
 Lab File ID: VV039168.D Date Analyzed: 09/25/2025  
 Instrument ID: MSVOA\_V Time Analyzed: 09:59  
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 535710        | 11.172 |  |  |  |  |
| UPPER LIMIT    | 1071420       | 11.672 |  |  |  |  |
| LOWER LIMIT    | 267855        | 10.672 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| FW7DDL         | 556145        | 11.18  |  |  |  |  |
| FW6DDL         | 523929        | 11.18  |  |  |  |  |
| GB3W           | 325221        | 11.18  |  |  |  |  |
| VV0925WBL01    | 413592        | 11.18  |  |  |  |  |
| VV0925WBS01    | 508947        | 11.17  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = -50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
 \* Values outside of QC limits.



# QC SAMPLE DATA

### Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0924WBL01     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0924WBL01     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039148.D        | 1         | 09/24/25 13:09 | VV092425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.32  | U         | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.26  | U         | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 1.40  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.47  | U         | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.33  | U         | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 5.50  | U         | 5.50  | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 1.50  | U         | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.21  | U         | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.16  | U         | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.27  | U         | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.28  | U         | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 1.50  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 0.98  | U         | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.19  | U         | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.16  | U         | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.15  | U         | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.090 | U         | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.68  | U         | 0.68  | 5.00       | ug/L  |

### Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0924WBL01     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0924WBL01     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039148.D        | 1         | 09/24/25 13:09 | VV092425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 0.14   | U         | 0.14     | 1.00       | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.21   | U         | 0.21     | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 0.89   | U         | 0.89     | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.18   | U         | 0.18     | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.15   | U         | 0.15     | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.23   | U         | 0.23     | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.12   | U         | 0.12     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.13   | U         | 0.13     | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 0.24   | U         | 0.24     | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.12   | U         | 0.12     | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.15   | U         | 0.15     | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.19   | U         | 0.19     | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.12   | U         | 0.12     | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.26   | U         | 0.26     | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.19   | U         | 0.19     | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.53   | U         | 0.53     | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.20   | U         | 0.20     | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.20   | U         | 0.20     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 62.2   |           | 74 - 125 | 124%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 54.6   |           | 75 - 124 | 109%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 44.1   |           | 86 - 113 | 88%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 48.0   |           | 77 - 121 | 96%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 464000 | 4.596     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 859000 | 5.532     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 832000 | 8.773     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 379000 | 11.175    |          |            |         |

## Report of Analysis

|                    |                                            |                 |                              |
|--------------------|--------------------------------------------|-----------------|------------------------------|
| Client:            | G Environmental                            | Date Collected: |                              |
| Project:           | Amsterdam                                  | Date Received:  |                              |
| Client Sample ID:  | VV0924WBL01                                | SDG No.:        | Q3172                        |
| Lab Sample ID:     | VV0924WBL01                                | Matrix:         | Water                        |
| Analytical Method: | 8260D                                      | % Solid:        | 0                            |
| Sample Wt/Vol:     | 5                      Units:    mL        | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                         | Test:           | VOCMS Group1                 |
| GC Column:         | DB-624UI                      ID :    0.18 | Level :         | LOW                          |
| Prep Method :      |                                            |                 |                              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039148.D        | 1         | 09/24/25 13:09 | VV092425      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

### Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0925WBL01     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0925WBL01     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039170.D        | 1         | 09/25/25 11:01 | VV092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.32  | U         | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.26  | U         | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 1.40  | U         | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.47  | U         | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.33  | U         | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 5.50  | U         | 5.50  | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 1.50  | U         | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.21  | U         | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.16  | U         | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.27  | U         | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.28  | U         | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.23  | U         | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 1.50  | U         | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 0.98  | U         | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.19  | U         | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.25  | U         | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.16  | U         | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.15  | U         | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.090 | U         | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.20  | U         | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.22  | U         | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.68  | U         | 0.68  | 5.00       | ug/L  |

### Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0925WBL01     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0925WBL01     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039170.D        | 1         | 09/25/25 11:01 | VV092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 0.14   | U         | 0.14     | 1.00       | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.21   | U         | 0.21     | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 0.89   | U         | 0.89     | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.18   | U         | 0.18     | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.15   | U         | 0.15     | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.23   | U         | 0.23     | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.12   | U         | 0.12     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.13   | U         | 0.13     | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 0.24   | U         | 0.24     | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.12   | U         | 0.12     | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.15   | U         | 0.15     | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.19   | U         | 0.19     | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.12   | U         | 0.12     | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.26   | U         | 0.26     | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.19   | U         | 0.19     | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.16   | U         | 0.16     | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.53   | U         | 0.53     | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.20   | U         | 0.20     | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.20   | U         | 0.20     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 60.1   |           | 74 - 125 | 120%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 53.3   |           | 75 - 124 | 107%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 47.3   |           | 86 - 113 | 95%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 44.1   |           | 77 - 121 | 88%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 480000 | 4.597     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 865000 | 5.532     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 871000 | 8.776     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 414000 | 11.175    |          |            |         |

## Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0925WBL01     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0925WBL01     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039170.D        | 1         | 09/25/25 11:01 | VV092525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0924WBS02     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0924WBS02     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039150.D        | 1         | 09/24/25 14:01 | VV092425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 19.1  |           | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 19.1  |           | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 19.4  |           | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 20.9  |           | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 21.1  |           | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 20.0  |           | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.7  |           | 0.25  | 1.00       | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 110   |           | 5.50  | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 20.0  |           | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 110   |           | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 19.6  |           | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.9  |           | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 22.4  |           | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 22.7  |           | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 19.7  |           | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 19.6  |           | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 18.7  |           | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 110   |           | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 19.7  |           | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 19.5  |           | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 20.3  |           | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 19.9  |           | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 20.0  |           | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 19.6  |           | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 20.1  |           | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 20.7  |           | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 20.3  |           | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 20.9  |           | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 20.6  |           | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 120   |           | 0.68  | 5.00       | ug/L  |

### Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0924WBS02     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0924WBS02     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039150.D        | 1         | 09/24/25 14:01 | VV092425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 21.8   |           | 0.14     | 1.00       | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 21.6   |           | 0.17     | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 21.5   |           | 0.16     | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 21.0   |           | 0.21     | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 110    |           | 0.89     | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 20.5   |           | 0.18     | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 21.5   |           | 0.15     | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 20.2   |           | 0.23     | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 19.8   |           | 0.12     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 19.9   |           | 0.13     | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 43.2   |           | 0.24     | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 20.4   |           | 0.12     | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 18.9   |           | 0.15     | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 21.4   |           | 0.19     | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 19.8   |           | 0.12     | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 19.2   |           | 0.26     | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 19.6   |           | 0.16     | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 19.2   |           | 0.19     | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 19.0   |           | 0.16     | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 21.3   |           | 0.53     | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 18.7   |           | 0.20     | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 19.1   |           | 0.20     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 49.1   |           | 74 - 125 | 98%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 50.0   |           | 75 - 124 | 100%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.5   |           | 86 - 113 | 99%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 52.0   |           | 77 - 121 | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 492000 | 4.6       |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 796000 | 5.532     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 785000 | 8.776     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 469000 | 11.172    |          |            |         |

## Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0924WBS02     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0924WBS02     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039150.D        | 1         | 09/24/25 14:01 | VV092425      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

### Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0925WBS01     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0925WBS01     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039171.D        | 1         | 09/25/25 11:24 | VV092525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 18.2  |           | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 19.1  |           | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 19.4  |           | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 18.7  |           | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 19.3  |           | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 19.4  |           | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 20.0  |           | 0.25  | 1.00       | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 110   |           | 5.50  | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 19.9  |           | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 89.0  |           | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 19.0  |           | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.0  |           | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 21.2  |           | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 20.6  |           | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 19.7  |           | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 19.3  |           | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 18.2  |           | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 97.1  |           | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 19.4  |           | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 19.5  |           | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 20.5  |           | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 19.2  |           | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 19.0  |           | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 19.2  |           | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 19.9  |           | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 19.6  |           | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 20.4  |           | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 20.5  |           | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 19.3  |           | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 110   |           | 0.68  | 5.00       | ug/L  |

### Report of Analysis

|                    |                 |           |                 |              |
|--------------------|-----------------|-----------|-----------------|--------------|
| Client:            | G Environmental |           | Date Collected: |              |
| Project:           | Amsterdam       |           | Date Received:  |              |
| Client Sample ID:  | VV0925WBS01     |           | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0925WBS01     |           | Matrix:         | Water        |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                 |           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039171.D        | 1         | 09/25/25 11:24 | VV092525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 21.5   |           | 0.14     | 1.00       | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 20.1   |           | 0.17     | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 20.2   |           | 0.16     | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 20.0   |           | 0.21     | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 99.6   |           | 0.89     | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 20.2   |           | 0.18     | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 20.6   |           | 0.15     | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 20.2   |           | 0.23     | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 20.1   |           | 0.12     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 20.0   |           | 0.13     | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 43.1   |           | 0.24     | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 21.0   |           | 0.12     | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 19.3   |           | 0.15     | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 20.5   |           | 0.19     | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 20.6   |           | 0.12     | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 19.4   |           | 0.26     | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 19.6   |           | 0.16     | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 18.9   |           | 0.19     | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 19.8   |           | 0.16     | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 22.1   |           | 0.53     | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 19.2   |           | 0.20     | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 19.9   |           | 0.20     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 45.1   |           | 74 - 125 | 90%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 47.8   |           | 75 - 124 | 96%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 47.9   |           | 86 - 113 | 96%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 51.2   |           | 77 - 121 | 102%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 557000 | 4.6       |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 899000 | 5.535     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 872000 | 8.776     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 509000 | 11.172    |          |            |         |



## Report of Analysis

|                    |                            |                 |              |
|--------------------|----------------------------|-----------------|--------------|
| Client:            | G Environmental            | Date Collected: |              |
| Project:           | Amsterdam                  | Date Received:  |              |
| Client Sample ID:  | VV0924WBSD02               | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0924WBSD02               | Matrix:         | Water        |
| Analytical Method: | 8260D                      | % Solid:        | 0            |
| Sample Wt/Vol:     | 5      Units:    mL        | Final Vol:      | 5000      uL |
| Soil Aliquot Vol:  | uL                         | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI      ID :    0.18 | Level :         | LOW          |
| Prep Method :      |                            |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039165.D        | 1         | 09/24/25 19:59 | VV092425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 18.1  |           | 0.22  | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 18.2  |           | 0.32  | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 18.1  |           | 0.26  | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 14.7  |           | 1.40  | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 20.0  |           | 0.47  | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 18.9  |           | 0.33  | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.0  |           | 0.25  | 1.00       | ug/L  |
| 75-65-0        | Tert butyl alcohol             | 110   |           | 5.50  | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 19.4  |           | 0.23  | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 79.7  |           | 1.50  | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 18.3  |           | 0.21  | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 19.3  |           | 0.16  | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 20.1  |           | 0.27  | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 20.9  |           | 0.28  | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 18.6  |           | 0.23  | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 18.1  |           | 0.23  | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 18.4  |           | 1.50  | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 92.0  |           | 0.98  | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 18.2  |           | 0.25  | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 18.8  |           | 0.19  | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 19.2  |           | 0.22  | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 18.4  |           | 0.25  | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 18.4  |           | 0.20  | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 18.2  |           | 0.16  | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 18.8  |           | 0.15  | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 18.5  |           | 0.22  | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 19.2  |           | 0.090 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 19.4  |           | 0.20  | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 18.3  |           | 0.22  | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 100   |           | 0.68  | 5.00       | ug/L  |

### Report of Analysis

|                    |                 |           |                 |              |    |
|--------------------|-----------------|-----------|-----------------|--------------|----|
| Client:            | G Environmental |           | Date Collected: |              |    |
| Project:           | Amsterdam       |           | Date Received:  |              |    |
| Client Sample ID:  | VV0924WBSD02    |           | SDG No.:        | Q3172        |    |
| Lab Sample ID:     | VV0924WBSD02    |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D           |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5               | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI        | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                 |           |                 |              |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039165.D        | 1         | 09/24/25 19:59 | VV092425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 108-88-3                  | Toluene                     | 20.0   |           | 0.14     | 1.00       | ug/L    |
| 10061-02-6                | t-1,3-Dichloropropene       | 18.5   |           | 0.17     | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 19.2   |           | 0.16     | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 18.5   |           | 0.21     | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 91.4   |           | 0.89     | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 18.5   |           | 0.18     | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 19.3   |           | 0.15     | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 19.7   |           | 0.23     | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 19.9   |           | 0.12     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 19.2   |           | 0.13     | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 40.4   |           | 0.24     | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 19.8   |           | 0.12     | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 17.9   |           | 0.15     | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 18.8   |           | 0.19     | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 19.6   |           | 0.12     | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 17.9   |           | 0.26     | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 18.7   |           | 0.16     | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 17.9   |           | 0.19     | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 18.5   |           | 0.16     | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 19.7   |           | 0.53     | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 18.4   |           | 0.20     | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 18.7   |           | 0.20     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 49.5   |           | 74 - 125 | 99%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 50.1   |           | 75 - 124 | 100%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 50.7   |           | 86 - 113 | 101%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 55.0   |           | 77 - 121 | 110%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 545000 | 4.6       |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 904000 | 5.532     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 885000 | 8.776     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 511000 | 11.172    |          |            |         |

## Report of Analysis

|                    |                 |        |      |                 |              |
|--------------------|-----------------|--------|------|-----------------|--------------|
| Client:            | G Environmental |        |      | Date Collected: |              |
| Project:           | Amsterdam       |        |      | Date Received:  |              |
| Client Sample ID:  | VV0924WBSD02    |        |      | SDG No.:        | Q3172        |
| Lab Sample ID:     | VV0924WBSD02    |        |      | Matrix:         | Water        |
| Analytical Method: | 8260D           |        |      | % Solid:        | 0            |
| Sample Wt/Vol:     | 5               | Units: | mL   | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                 |        | uL   | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI        | ID :   | 0.18 | Level :         | LOW          |
| Prep Method :      |                 |        |      |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VV039165.D        | 1         | 09/24/25 19:59 | VV092425      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
E = Value Exceeds Calibration Range  
Q = indicates LCS control criteria did not meet requirements  
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound  
\* = Values outside of QC limits  
D = Dilution  
( ) = Laboratory InHouse Limit  
A = Aldol-Condensation Reaction Products



# CALIBRATION SUMMARY

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01  
 Lab Code: ACE SDG No.: Q3172  
 Instrument ID: MSVOA\_V Calibration Date(s): 09/22/2025 09/22/2025  
 Heated Purge: (Y/N) N Calibration Time(s): 12:26 16:35  
 GC Column: DB-624UI ID: 0.18 (mm)

| LAB FILE ID:                   |        |        |                     |        |        |                     |       |       |
|--------------------------------|--------|--------|---------------------|--------|--------|---------------------|-------|-------|
| RRF010 = VV039137.D            |        |        | RRF020 = VV039138.D |        |        | RRF050 = VV039139.D |       |       |
| RRF100 = VV039140.D            |        |        | RRF005 = VV039142.D |        |        | RRF001 = VV039143.D |       |       |
| COMPOUND                       | RRF010 | RRF020 | RRF050              | RRF100 | RRF005 | RRF001              | RRF   | % RSD |
| Dichlorodifluoromethane        | 0.848  | 0.757  | 0.740               | 0.699  | 0.772  | 0.934               | 0.792 | 10.8  |
| Chloromethane                  | 0.949  | 0.814  | 0.770               | 0.729  | 0.889  | 0.946               | 0.850 | 10.9  |
| Vinyl Chloride                 | 1.007  | 0.856  | 0.836               | 0.801  | 0.932  | 1.026               | 0.910 | 10.3  |
| Bromomethane                   | 0.631  | 0.548  | 0.508               | 0.524  | 0.655  |                     | 0.573 | 11.5  |
| Chloroethane                   | 0.662  | 0.568  | 0.533               | 0.500  | 0.606  | 0.915               | 0.631 | 23.8  |
| Trichlorofluoromethane         | 1.394  | 1.253  | 1.193               | 1.151  | 1.365  | 1.546               | 1.317 | 11.2  |
| 1,1,2-Trichlorotrifluoroethane | 0.839  | 0.732  | 0.702               | 0.686  | 0.804  | 0.939               | 0.784 | 12.3  |
| Tert butyl alcohol             | 0.169  | 0.157  | 0.137               | 0.136  | 0.166  |                     | 0.153 | 10.3  |
| 1,1-Dichloroethene             | 0.804  | 0.721  | 0.674               | 0.663  | 0.789  | 0.873               | 0.754 | 10.9  |
| Acetone                        | 0.537  | 0.458  | 0.449               | 0.414  | 0.569  | 0.712               | 0.523 | 20.8  |
| Carbon Disulfide               | 2.453  | 2.181  | 2.081               | 1.986  | 2.462  | 2.670               | 2.306 | 11.4  |
| Methyl tert-butyl Ether        | 2.547  | 2.285  | 2.233               | 2.202  | 2.556  | 2.591               | 2.402 | 7.5   |
| Methyl Acetate                 | 1.146  | 1.036  | 0.983               | 0.973  | 1.097  | 1.198               | 1.072 | 8.5   |
| Methylene Chloride             | 0.930  | 0.848  | 0.779               | 0.742  | 1.113  | 1.987               | 1.066 | 44    |
| trans-1,2-Dichloroethene       | 0.846  | 0.755  | 0.724               | 0.696  | 0.835  | 0.959               | 0.803 | 12.1  |
| 1,1-Dichloroethane             | 1.669  | 1.466  | 1.388               | 1.329  | 1.659  | 1.942               | 1.576 | 14.4  |
| Cyclohexane                    | 1.325  | 1.222  | 1.245               | 1.254  | 1.407  |                     | 1.291 | 5.9   |
| 2-Butanone                     | 0.604  | 0.584  | 0.586               | 0.580  | 0.570  | 0.554               | 0.579 | 2.9   |
| Carbon Tetrachloride           | 0.742  | 0.710  | 0.703               | 0.675  | 0.736  | 0.890               | 0.743 | 10.2  |
| cis-1,2-Dichloroethene         | 0.908  | 0.842  | 0.868               | 0.860  | 0.832  | 1.001               | 0.885 | 7.1   |
| Bromochloromethane             | 0.836  | 0.753  | 0.679               | 0.637  | 0.525  | 0.743               | 0.696 | 15.5  |
| Chloroform                     | 1.752  | 1.570  | 1.490               | 1.433  | 1.746  | 1.880               | 1.645 | 10.6  |
| 1,1,1-Trichloroethane          | 1.562  | 1.321  | 1.298               | 1.263  | 1.513  | 1.590               | 1.424 | 10.3  |
| Methylcyclohexane              | 0.701  | 0.720  | 0.823               | 0.857  | 0.680  | 0.622               | 0.734 | 12.2  |
| Benzene                        | 2.077  | 1.978  | 1.990               | 1.931  | 1.963  | 1.936               | 1.979 | 2.7   |
| 1,2-Dichloroethane             | 0.725  | 0.694  | 0.666               | 0.643  | 0.693  | 0.740               | 0.693 | 5.2   |
| Trichloroethene                | 0.471  | 0.456  | 0.463               | 0.454  | 0.460  | 0.435               | 0.457 | 2.6   |
| 1,2-Dichloropropane            | 0.509  | 0.519  | 0.502               | 0.486  | 0.471  | 0.465               | 0.492 | 4.4   |
| Bromodichloromethane           | 0.832  | 0.764  | 0.753               | 0.725  | 0.767  | 0.829               | 0.778 | 5.5   |
| 4-Methyl-2-Pentanone           | 0.715  | 0.736  | 0.732               | 0.714  | 0.613  | 0.459               | 0.661 | 16.5  |

\* Compounds with required minimum RRF and maximum %RSD values.  
 All other compounds must meet a minimum RRF of 0.010.  
 RRF of 1,4-Dioxane = Value should be divide by 1000.

## VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01  
Lab Code: ACE SDG No.: Q3172  
Instrument ID: MSVOA\_V Calibration Date(s): 09/22/2025 09/22/2025  
Heated Purge: (Y/N) N Calibration Time(s): 12:26 16:35  
GC Column: DB-624UI ID: 0.18 (mm)

|                             |        |                     |        |                     |        |                     |       |       |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:                |        | RRF010 = VV039137.D |        | RRF020 = VV039138.D |        | RRF050 = VV039139.D |       |       |
|                             |        | RRF100 = VV039140.D |        | RRF005 = VV039142.D |        | RRF001 = VV039143.D |       |       |
| COMPOUND                    | RRF010 | RRF020              | RRF050 | RRF100              | RRF005 | RRF001              | RRF   | % RSD |
| Toluene                     | 1.211  | 1.199               | 1.229  | 1.214               | 1.130  | 0.901               | 1.147 | 10.9  |
| t-1,3-Dichloropropene       | 0.701  | 0.696               | 0.728  | 0.753               | 0.645  | 0.548               | 0.678 | 10.8  |
| cis-1,3-Dichloropropene     | 0.803  | 0.777               | 0.811  | 0.803               | 0.704  | 0.595               | 0.749 | 11.4  |
| 1,1,2-Trichloroethane       | 0.534  | 0.502               | 0.494  | 0.480               | 0.524  | 0.553               | 0.514 | 5.3   |
| 2-Hexanone                  | 0.505  | 0.534               | 0.546  | 0.533               | 0.429  | 0.231               | 0.463 | 26.2  |
| Dibromochloromethane        | 0.605  | 0.570               | 0.567  | 0.558               | 0.598  | 0.620               | 0.586 | 4.2   |
| 1,2-Dibromoethane           | 0.556  | 0.538               | 0.529  | 0.514               | 0.535  | 0.484               | 0.526 | 4.7   |
| Tetrachloroethene           | 0.435  | 0.412               | 0.412  | 0.407               | 0.431  | 0.415               | 0.419 | 2.7   |
| Chlorobenzene               | 1.403  | 1.368               | 1.383  | 1.358               | 1.417  | 1.428               | 1.393 | 2     |
| Ethyl Benzene               | 2.028  | 2.143               | 2.382  | 2.418               | 1.953  | 1.725               | 2.108 | 12.5  |
| m/p-Xylenes                 | 0.820  | 0.882               | 0.949  | 0.938               | 0.713  | 0.580               | 0.814 | 17.7  |
| o-Xylene                    | 0.703  | 0.742               | 0.846  | 0.880               | 0.635  | 0.518               | 0.720 | 18.7  |
| Styrene                     | 1.239  | 1.381               | 1.553  | 1.537               | 1.038  | 0.828               | 1.263 | 22.8  |
| Bromoform                   | 0.396  | 0.384               | 0.396  | 0.400               | 0.385  | 0.397               | 0.393 | 1.7   |
| Isopropylbenzene            | 3.564  | 3.638               | 3.939  | 4.096               | 3.296  | 3.226               | 3.627 | 9.5   |
| 1,1,2,2-Tetrachloroethane   | 1.600  | 1.461               | 1.425  | 1.389               | 1.684  | 1.975               | 1.589 | 13.8  |
| 1,3-Dichlorobenzene         | 1.931  | 1.836               | 1.857  | 1.882               | 1.943  | 1.975               | 1.904 | 2.8   |
| 1,4-Dichlorobenzene         | 2.070  | 1.951               | 1.934  | 1.919               | 2.139  | 2.522               | 2.089 | 11    |
| 1,2-Dichlorobenzene         | 1.751  | 1.652               | 1.738  | 1.802               | 1.797  | 1.935               | 1.779 | 5.3   |
| 1,2-Dibromo-3-Chloropropane | 0.299  | 0.283               | 0.285  | 0.302               | 0.333  | 0.476               | 0.330 | 22.4  |
| 1,2,4-Trichlorobenzene      | 0.928  | 0.963               | 1.076  | 1.189               | 0.935  | 1.028               | 1.020 | 9.9   |
| 1,2,3-Trichlorobenzene      | 0.974  | 0.973               | 1.107  | 1.191               | 0.901  | 1.113               | 1.043 | 10.6  |
| 1,2-Dichloroethane-d4       | 0.773  | 0.663               | 0.646  | 0.618               | 0.919  |                     | 0.724 | 17.1  |
| Dibromofluoromethane        | 0.435  | 0.382               | 0.377  | 0.360               | 0.454  |                     | 0.402 | 10.1  |
| Toluene-d8                  | 1.166  | 1.092               | 1.136  | 1.097               | 1.411  |                     | 1.181 | 11.2  |
| 4-Bromofluorobenzene        | 0.481  | 0.464               | 0.507  | 0.501               | 0.477  |                     | 0.486 | 3.6   |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>GENV01</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3172</u>                 |
| Instrument ID:      | <u>MSVOA_V</u>    | Calibration Date/Time: | <u>09/24/2025 10:49</u>      |
| Lab File ID:        | <u>VV039146.D</u> | Init. Calib. Date(s):  | <u>09/22/2025 09/22/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:26 16:35</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D     | MAX%D |
|--------------------------------|-------|--------|---------|--------|-------|
| Dichlorodifluoromethane        | 0.792 | 0.627  |         | -20.83 | 20    |
| Chloromethane                  | 0.850 | 0.730  | 0.1     | -14.12 | 20    |
| Vinyl Chloride                 | 0.910 | 0.742  |         | -18.46 | 20    |
| Bromomethane                   | 0.573 | 0.504  |         | -12.04 | 20    |
| Chloroethane                   | 0.631 | 0.488  |         | -22.66 | 20    |
| Trichlorofluoromethane         | 1.317 | 1.061  |         | -19.44 | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.784 | 0.628  |         | -19.9  | 20    |
| Tert butyl alcohol             | 0.153 | 0.157  |         | 2.61   | 20    |
| 1,1-Dichloroethene             | 0.754 | 0.615  |         | -18.43 | 20    |
| Acetone                        | 0.523 | 0.448  |         | -14.34 | 20    |
| Carbon Disulfide               | 2.306 | 1.849  |         | -19.82 | 20    |
| Methyl tert-butyl Ether        | 2.402 | 2.294  |         | -4.5   | 20    |
| Methyl Acetate                 | 1.072 | 1.090  |         | 1.68   | 20    |
| Methylene Chloride             | 1.066 | 0.777  |         | -27.11 | 20    |
| trans-1,2-Dichloroethene       | 0.803 | 0.683  |         | -14.94 | 20    |
| 1,1-Dichloroethane             | 1.576 | 1.323  | 0.1     | -16.05 | 20    |
| Cyclohexane                    | 1.291 | 1.047  |         | -18.9  | 20    |
| 2-Butanone                     | 0.579 | 0.608  |         | 5.01   | 20    |
| Carbon Tetrachloride           | 0.743 | 0.609  |         | -18.03 | 20    |
| cis-1,2-Dichloroethene         | 0.885 | 0.808  |         | -8.7   | 20    |
| Bromochloromethane             | 0.696 | 0.683  |         | -1.87  | 20    |
| Chloroform                     | 1.645 | 1.449  |         | -11.91 | 20    |
| 1,1,1-Trichloroethane          | 1.424 | 1.169  |         | -17.91 | 20    |
| Methylcyclohexane              | 0.734 | 0.667  |         | -9.13  | 20    |
| Benzene                        | 1.979 | 1.817  |         | -8.19  | 20    |
| 1,2-Dichloroethane             | 0.693 | 0.655  |         | -5.48  | 20    |
| Trichloroethene                | 0.457 | 0.405  |         | -11.38 | 20    |
| 1,2-Dichloropropane            | 0.492 | 0.476  |         | -3.25  | 20    |
| Bromodichloromethane           | 0.778 | 0.727  |         | -6.55  | 20    |
| 4-Methyl-2-Pentanone           | 0.661 | 0.751  |         | 13.62  | 20    |
| Toluene                        | 1.147 | 1.120  |         | -2.35  | 20    |
| t-1,3-Dichloropropene          | 0.678 | 0.704  |         | 3.84   | 20    |
| cis-1,3-Dichloropropene        | 0.749 | 0.769  |         | 2.67   | 20    |
| 1,1,2-Trichloroethane          | 0.514 | 0.500  |         | -2.72  | 20    |
| 2-Hexanone                     | 0.463 | 0.557  |         | 20.3   | 20    |
| Dibromochloromethane           | 0.586 | 0.559  |         | -4.61  | 20    |
| 1,2-Dibromoethane              | 0.526 | 0.530  |         | 0.76   | 20    |
| Tetrachloroethene              | 0.419 | 0.347  |         | -17.18 | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>GENV01</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3172</u>                        |
| Instrument ID:      | <u>MSVOA_V</u>    | Calibration Date/Time: | <u>09/24/2025</u> <u>10:49</u>      |
| Lab File ID:        | <u>VV039146.D</u> | Init. Calib. Date(s):  | <u>09/22/2025</u> <u>09/22/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:26</u> <u>16:35</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|-----------------------------|-------|--------|------------|--------|-------|
| Chlorobenzene               | 1.393 | 1.221  | 0.3        | -12.35 | 20    |
| Ethyl Benzene               | 2.108 | 1.997  |            | -5.27  | 20    |
| m/p-Xylenes                 | 0.814 | 0.814  |            | 0      | 20    |
| o-Xylene                    | 0.720 | 0.732  |            | 1.67   | 20    |
| Styrene                     | 1.263 | 1.382  |            | 9.42   | 20    |
| Bromoform                   | 0.393 | 0.378  | 0.1        | -3.82  | 20    |
| Isopropylbenzene            | 3.627 | 3.308  |            | -8.8   | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.589 | 1.354  | 0.3        | -14.79 | 20    |
| 1,3-Dichlorobenzene         | 1.904 | 1.649  |            | -13.39 | 20    |
| 1,4-Dichlorobenzene         | 2.089 | 1.730  |            | -17.18 | 20    |
| 1,2-Dichlorobenzene         | 1.779 | 1.564  |            | -12.09 | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.330 | 0.288  |            | -12.73 | 20    |
| 1,2,4-Trichlorobenzene      | 1.020 | 0.948  |            | -7.06  | 20    |
| 1,2,3-Trichlorobenzene      | 1.043 | 1.000  |            | -4.12  | 20    |
| 1,2-Dichloroethane-d4       | 0.724 | 0.661  |            | -8.7   | 20    |
| Dibromofluoromethane        | 0.402 | 0.366  |            | -8.95  | 20    |
| Toluene-d8                  | 1.181 | 1.053  |            | -10.84 | 20    |
| 4-Bromofluorobenzene        | 0.486 | 0.489  |            | 0.62   | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>GENV01</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3172</u>                 |
| Instrument ID:      | <u>MSVOA_V</u>    | Calibration Date/Time: | <u>09/25/2025 09:59</u>      |
| Lab File ID:        | <u>VV039168.D</u> | Init. Calib. Date(s):  | <u>09/22/2025 09/22/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:26 16:35</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D     | MAX%D |
|--------------------------------|-------|--------|---------|--------|-------|
| Dichlorodifluoromethane        | 0.792 | 0.682  |         | -13.89 | 20    |
| Chloromethane                  | 0.850 | 0.729  | 0.1     | -14.23 | 20    |
| Vinyl Chloride                 | 0.910 | 0.819  |         | -10    | 20    |
| Bromomethane                   | 0.573 | 0.458  |         | -20.07 | 20    |
| Chloroethane                   | 0.631 | 0.507  |         | -19.65 | 20    |
| Trichlorofluoromethane         | 1.317 | 1.199  |         | -8.96  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.784 | 0.710  |         | -9.44  | 20    |
| Tert butyl alcohol             | 0.153 | 0.153  |         | 0      | 20    |
| 1,1-Dichloroethene             | 0.754 | 0.698  |         | -7.43  | 20    |
| Acetone                        | 0.523 | 0.406  |         | -22.37 | 20    |
| Carbon Disulfide               | 2.306 | 2.004  |         | -13.1  | 20    |
| Methyl tert-butyl Ether        | 2.402 | 2.247  |         | -6.45  | 20    |
| Methyl Acetate                 | 1.072 | 0.995  |         | -7.18  | 20    |
| Methylene Chloride             | 1.066 | 0.788  |         | -26.08 | 20    |
| trans-1,2-Dichloroethene       | 0.803 | 0.724  |         | -9.84  | 20    |
| 1,1-Dichloroethane             | 1.576 | 1.367  | 0.1     | -13.26 | 20    |
| Cyclohexane                    | 1.291 | 1.147  |         | -11.15 | 20    |
| 2-Butanone                     | 0.579 | 0.544  |         | -6.05  | 20    |
| Carbon Tetrachloride           | 0.743 | 0.689  |         | -7.27  | 20    |
| cis-1,2-Dichloroethene         | 0.885 | 0.825  |         | -6.78  | 20    |
| Bromochloromethane             | 0.696 | 0.612  |         | -12.07 | 20    |
| Chloroform                     | 1.645 | 1.426  |         | -13.31 | 20    |
| 1,1,1-Trichloroethane          | 1.424 | 1.255  |         | -11.87 | 20    |
| Methylcyclohexane              | 0.734 | 0.797  |         | 8.58   | 20    |
| Benzene                        | 1.979 | 1.926  |         | -2.68  | 20    |
| 1,2-Dichloroethane             | 0.693 | 0.639  |         | -7.79  | 20    |
| Trichloroethene                | 0.457 | 0.463  |         | 1.31   | 20    |
| 1,2-Dichloropropane            | 0.492 | 0.493  |         | 0.2    | 20    |
| Bromodichloromethane           | 0.778 | 0.729  |         | -6.3   | 20    |
| 4-Methyl-2-Pentanone           | 0.661 | 0.702  |         | 6.2    | 20    |
| Toluene                        | 1.147 | 1.204  |         | 4.97   | 20    |
| t-1,3-Dichloropropene          | 0.678 | 0.709  |         | 4.57   | 20    |
| cis-1,3-Dichloropropene        | 0.749 | 0.783  |         | 4.54   | 20    |
| 1,1,2-Trichloroethane          | 0.514 | 0.498  |         | -3.11  | 20    |
| 2-Hexanone                     | 0.463 | 0.528  |         | 14.04  | 20    |
| Dibromochloromethane           | 0.586 | 0.574  |         | -2.05  | 20    |
| 1,2-Dibromoethane              | 0.526 | 0.534  |         | 1.52   | 20    |
| Tetrachloroethene              | 0.419 | 0.418  |         | -0.24  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>GENV01</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3172</u>                        |
| Instrument ID:      | <u>MSVOA_V</u>    | Calibration Date/Time: | <u>09/25/2025</u> <u>09:59</u>      |
| Lab File ID:        | <u>VV039168.D</u> | Init. Calib. Date(s):  | <u>09/22/2025</u> <u>09/22/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:26</u> <u>16:35</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|-----------------------------|-------|--------|------------|--------|-------|
| Chlorobenzene               | 1.393 | 1.377  | 0.3        | -1.15  | 20    |
| Ethyl Benzene               | 2.108 | 2.320  |            | 10.06  | 20    |
| m/p-Xylenes                 | 0.814 | 0.936  |            | 14.99  | 20    |
| o-Xylene                    | 0.720 | 0.841  |            | 16.81  | 20    |
| Styrene                     | 1.263 | 1.530  |            | 21.14  | 20    |
| Bromoform                   | 0.393 | 0.402  | 0.1        | 2.29   | 20    |
| Isopropylbenzene            | 3.627 | 3.946  |            | 8.8    | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.589 | 1.396  | 0.3        | -12.15 | 20    |
| 1,3-Dichlorobenzene         | 1.904 | 1.857  |            | -2.47  | 20    |
| 1,4-Dichlorobenzene         | 2.089 | 1.903  |            | -8.9   | 20    |
| 1,2-Dichlorobenzene         | 1.779 | 1.736  |            | -2.42  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.330 | 0.292  |            | -11.52 | 20    |
| 1,2,4-Trichlorobenzene      | 1.020 | 1.062  |            | 4.12   | 20    |
| 1,2,3-Trichlorobenzene      | 1.043 | 1.082  |            | 3.74   | 20    |
| 1,2-Dichloroethane-d4       | 0.724 | 0.609  |            | -15.88 | 20    |
| Dibromofluoromethane        | 0.402 | 0.384  |            | -4.48  | 20    |
| Toluene-d8                  | 1.181 | 1.121  |            | -5.08  | 20    |
| 4-Bromofluorobenzene        | 0.486 | 0.508  |            | 4.53   | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.



# SAMPLE RAW DATA

A

B

C

D

E

F

G

H

I

J

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
 Data File : VV039157.D  
 Acq On : 24 Sep 2025 17:00  
 Operator : SY/MD  
 Sample : Q3172-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 FW7D

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025  
 Supervised By :Semsettin Yesilyurt 09/26/2025

Quant Time: Sep 25 08:19:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 4.600  | 168  | 784952   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.532  | 114  | 1453021  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.805  | 117  | 1186446  | 50.000 | ug/l  | 0.03     |
| 72) 1,4-Dichlorobenzene-d4 | 11.172 | 152  | 645392   | 50.000 | ug/l  | 0.00     |

### System Monitoring Compounds

|                           |        |       |          |          |            |      |
|---------------------------|--------|-------|----------|----------|------------|------|
| 33) 1,2-Dichloroethane-d4 | 4.944  | 65    | 577583   | 50.841   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 81 - 118 | Recovery | = 101.680% |      |
| 35) Dibromofluoromethane  | 4.503  | 113   | 455826   | 39.022   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 80 - 119 | Recovery | = 78.040%# |      |
| 50) Toluene-d8            | 7.239  | 98    | 1428833  | 41.648   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 89 - 112 | Recovery | = 83.300%# |      |
| 62) 4-Bromofluorobenzene  | 10.001 | 95    | 589602   | 41.746   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 85 - 114 | Recovery | = 83.500%# |      |

### Target Compounds

|                              |        |     |           |          |        | Qvalue |
|------------------------------|--------|-----|-----------|----------|--------|--------|
| 4) Vinyl Chloride            | 1.298  | 62  | 763995    | 53.498   | ug/l # | 64     |
| 8) Diethyl Ether             | 1.921  | 74  | 22870     | 2.980    | ug/l   | 93     |
| 12) 1,1-Dichloroethene       | 2.085  | 96  | 109964    | 9.291    | ug/l   | 99     |
| 17) Carbon Disulfide         | 2.259  | 76  | 34033     | 0.940    | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene | 2.703  | 96  | 978973    | 77.701   | ug/l   | 99     |
| 22) Diisopropyl ether        | 3.220  | 45  | 114080    | 2.820    | ug/l # | 31     |
| 24) 1,1-Dichloroethane       | 3.121  | 63  | 8430      | 0.341    | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene   | 3.815  | 96  | 16939500  | 1219.054 | ug/l   | 88     |
| 30) Chloroform               | 4.291  | 83  | 26684     | 1.033    | ug/l   | 97     |
| 31) Cyclohexane              | 4.590  | 56  | 67600     | 3.336    | ug/l # | 79     |
| 39) Methylcyclohexane        | 6.050  | 83  | 90115     | 4.225    | ug/l   | 97     |
| 40) Benzene                  | 5.008  | 78  | 2255720   | 39.223   | ug/l   | 98     |
| 44) Trichloroethene          | 5.818  | 130 | 25787799m | 1943.227 | ug/l   |        |
| 52) Toluene                  | 7.317  | 92  | 153855    | 4.614    | ug/l   | 99     |
| 64) Tetrachloroethene        | 7.905  | 164 | 21046     | 2.118    | ug/l   | 96     |
| 65) Chlorobenzene            | 8.792  | 112 | 52027969m | 1574.331 | ug/l   |        |
| 67) Ethyl Benzene            | 8.953  | 91  | 152525    | 3.049    | ug/l   | 99     |
| 68) m/p-Xylenes              | 9.075  | 106 | 82715     | 4.284    | ug/l   | 92     |
| 69) o-Xylene                 | 9.477  | 106 | 25960     | 1.519    | ug/l   | 93     |
| 73) Isopropylbenzene         | 9.863  | 105 | 37694     | 0.805    | ug/l   | 100    |
| 77) Bromobenzene             | 10.153 | 156 | 13631     | 1.122    | ug/l   | 96     |
| 79) 2-Chlorotoluene          | 10.352 | 91  | 152988    | 4.485    | ug/l   | 99     |
| 83) tert-Butylbenzene        | 10.792 | 119 | 25904     | 0.668    | ug/l   | 88     |
| 84) 1,2,4-Trimethylbenzene   | 10.847 | 105 | 21492     | 0.569    | ug/l   | 99     |
| 87) 1,3-Dichlorobenzene      | 11.111 | 146 | 87249     | 3.550    | ug/l   | 99     |
| 88) 1,4-Dichlorobenzene      | 11.194 | 146 | 1378381   | 51.115   | ug/l   | 98     |
| 91) 1,2-Dichlorobenzene      | 11.567 | 146 | 1853630   | 80.719   | ug/l   | 99     |
| 95) Naphthalene              | 13.442 | 128 | 18472     | 0.434    | ug/l # | 94     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

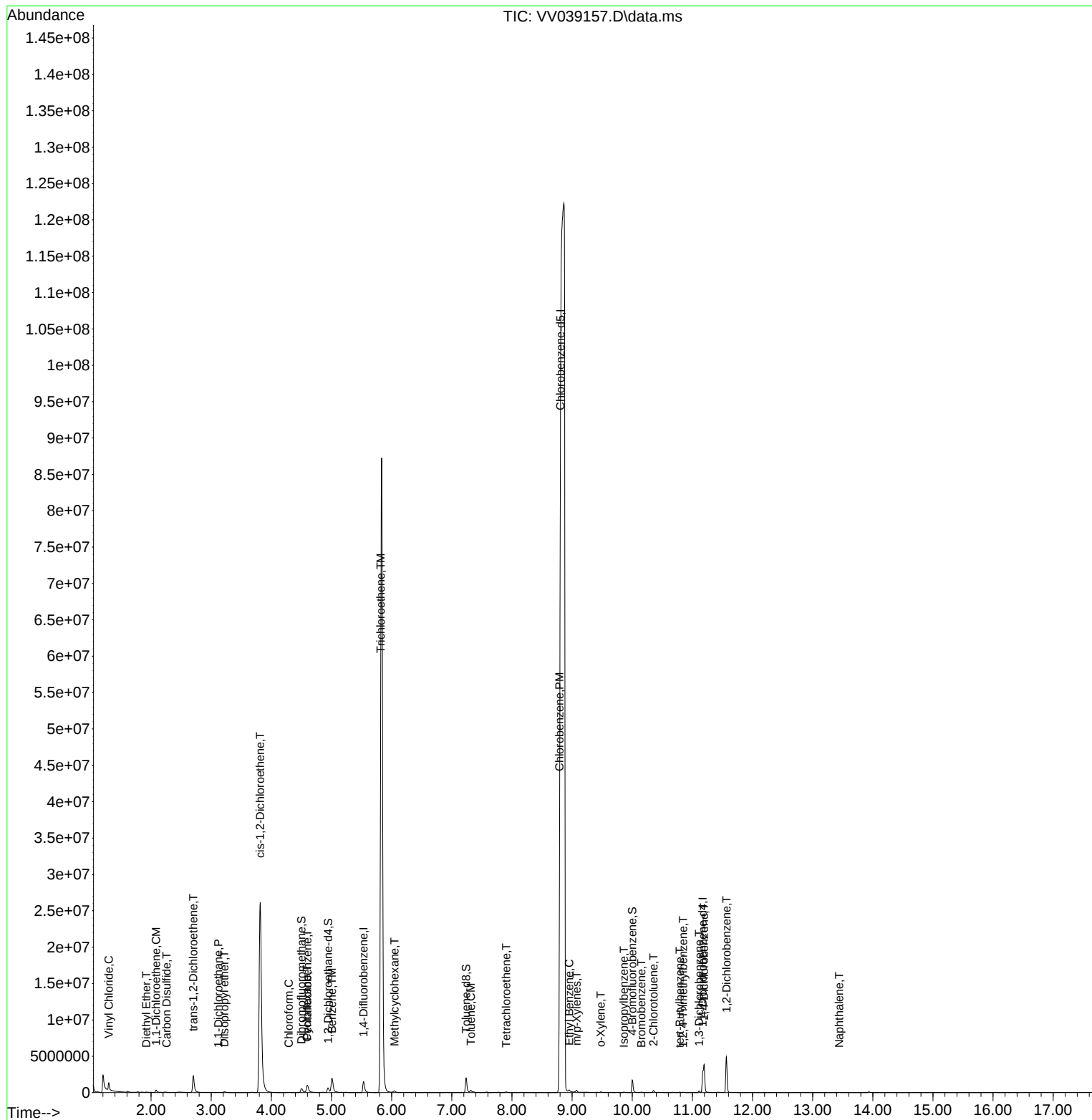
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039157.D  
Acq On : 24 Sep 2025 17:00  
Operator : SY/MD  
Sample : Q3172-01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

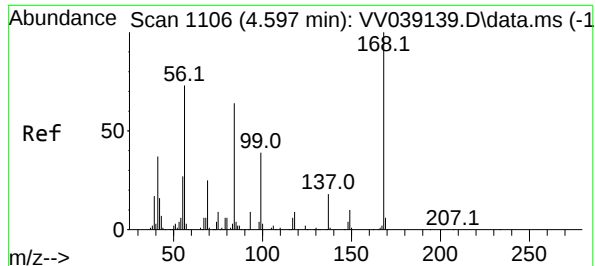
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025

Quant Time: Sep 25 08:19:09 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration





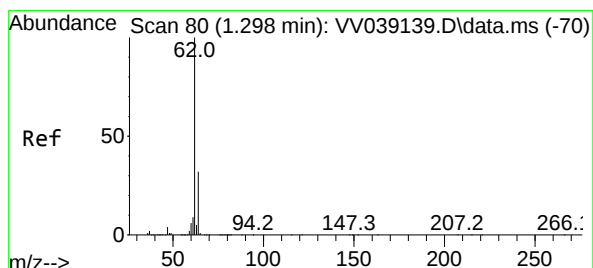
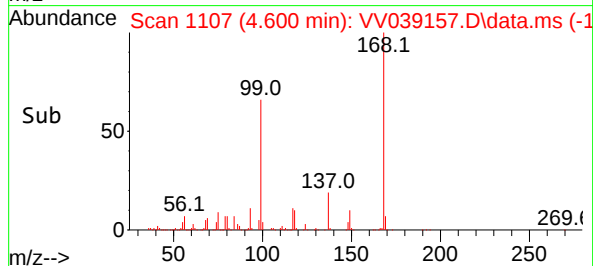
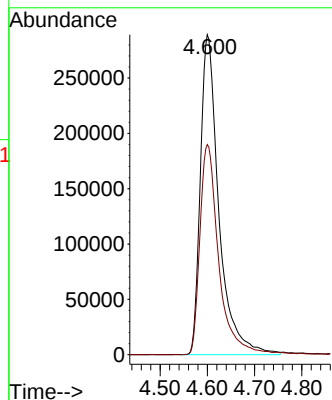
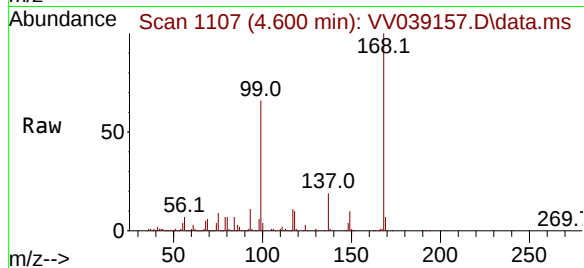
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.600 min Scan# 1106  
Delta R.T. 0.003 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Tgt Ion:168 Resp: 784952  
Ion Ratio Lower Upper  
168 100  
99 65.6 49.6 74.4

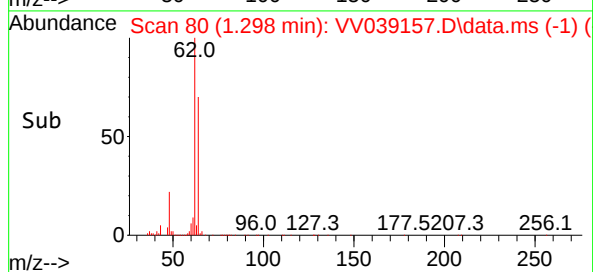
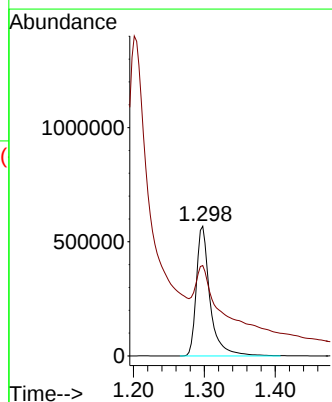
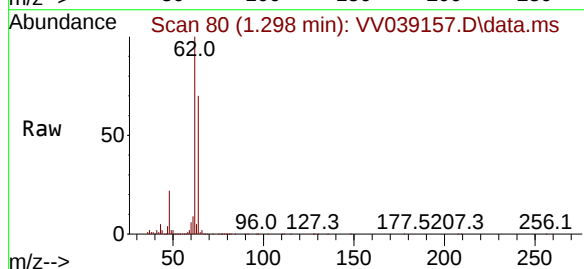
Manual Integrations  
APPROVED

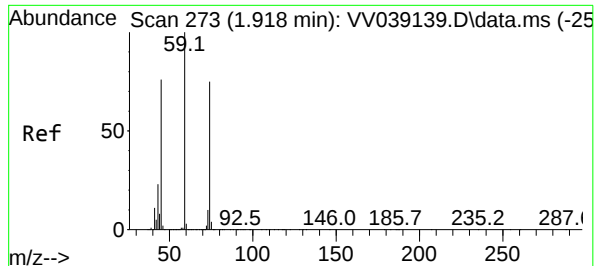
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#4  
Vinyl Chloride  
Concen: 53.498 ug/l  
RT: 1.298 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Tgt Ion: 62 Resp: 763995  
Ion Ratio Lower Upper  
62 100  
64 52.2 25.6 38.4#





#8

Diethyl Ether

Concen: 2.980 ug/l

RT: 1.921 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion: 74 Resp: 22870

Ion Ratio Lower Upper

74 100

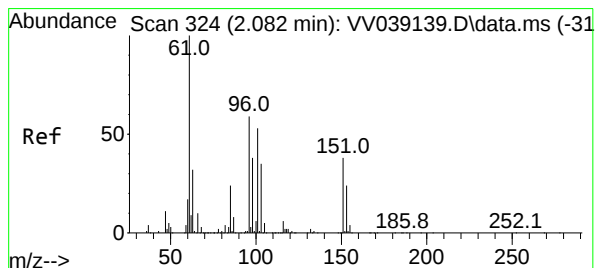
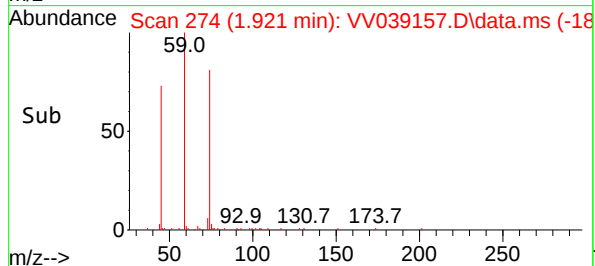
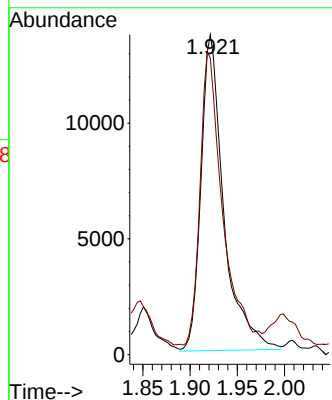
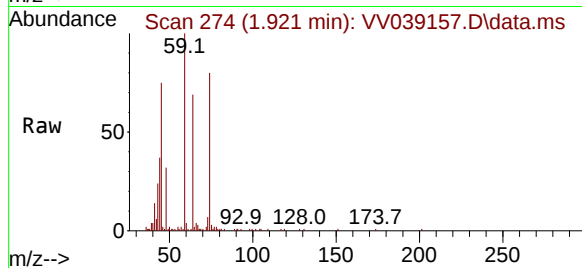
45 92.4 49.6 148.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#12

1,1-Dichloroethene

Concen: 9.291 ug/l

RT: 2.085 min Scan# 325

Delta R.T. 0.003 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

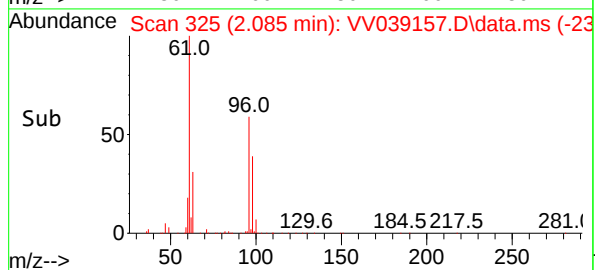
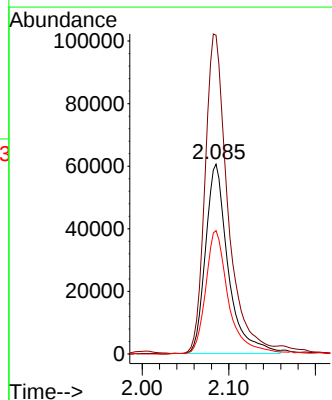
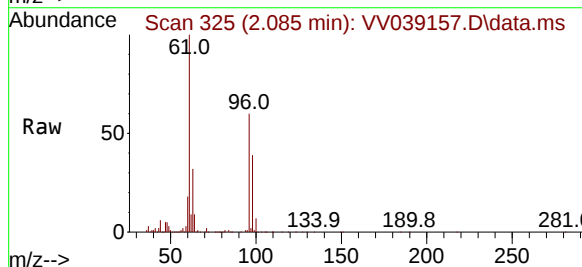
Tgt Ion: 96 Resp: 109964

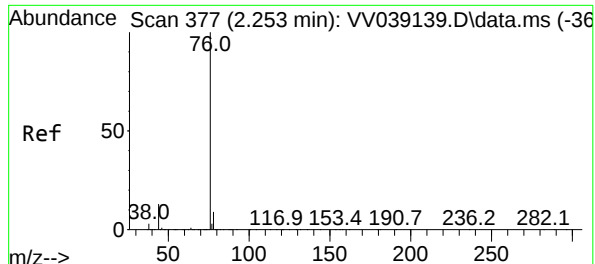
Ion Ratio Lower Upper

96 100

61 168.0 136.0 204.0

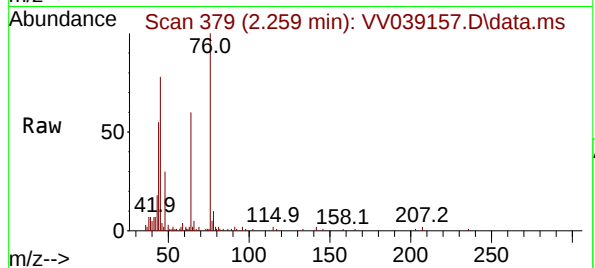
98 64.9 51.0 76.6





#17  
Carbon Disulfide  
Concen: 0.940 ug/l  
RT: 2.259 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

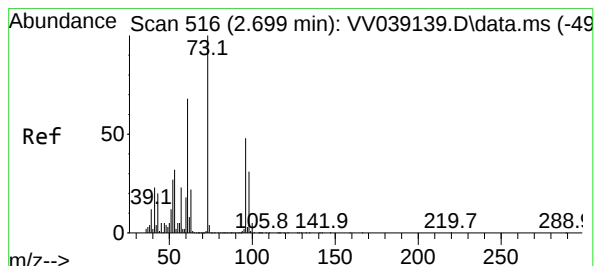
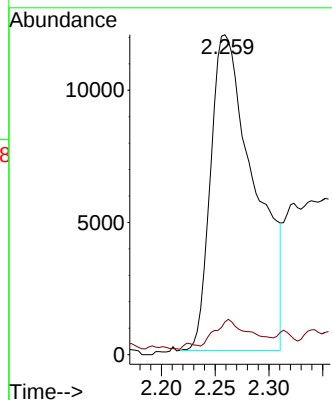
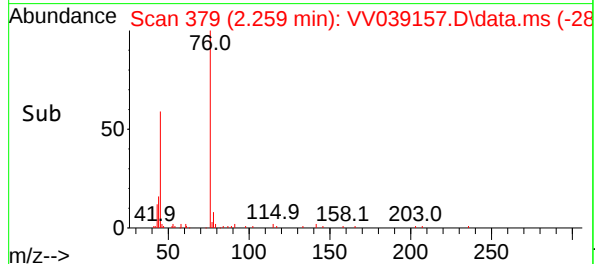
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



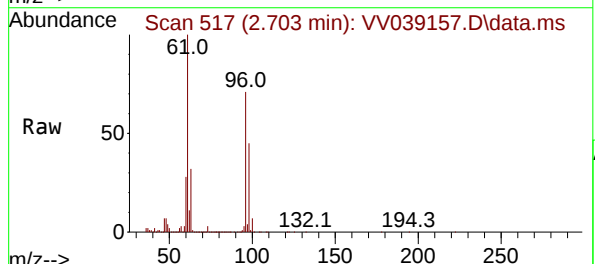
Tgt Ion: 76 Resp: 3403  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.0

Manual Integrations  
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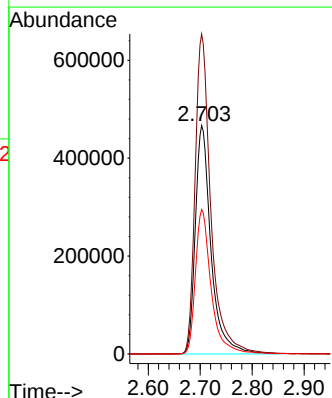
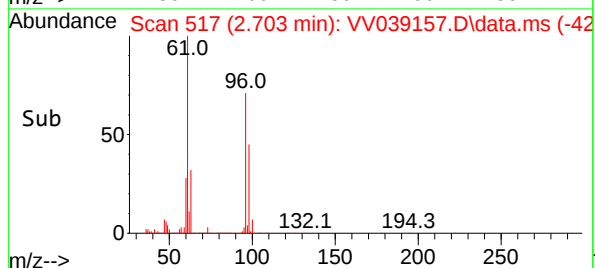
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025

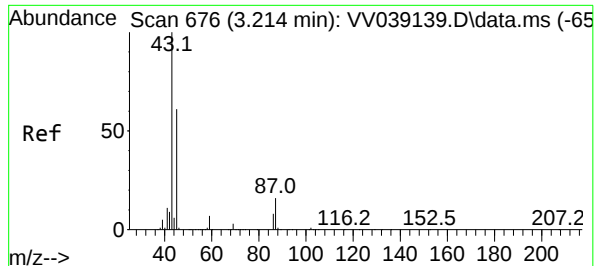


#21  
trans-1,2-Dichloroethene  
Concen: 77.701 ug/l  
RT: 2.703 min Scan# 517  
Delta R.T. 0.003 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00



Tgt Ion: 96 Resp: 978973  
Ion Ratio Lower Upper  
96 100  
61 140.0 112.8 169.2  
98 63.1 51.1 76.7





#22

Diisopropyl ether

Concen: 2.820 ug/l

RT: 3.220 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion: 45 Resp: 114080

Ion Ratio Lower Upper

45 100

43 50.8 130.9 196.3

87 28.1 21.1 31.7

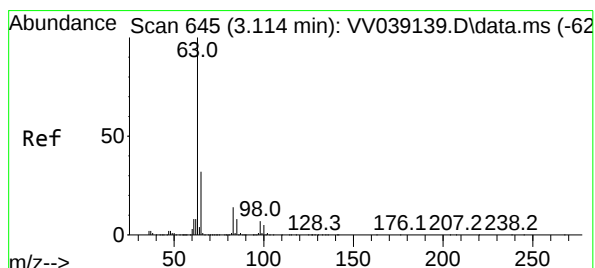
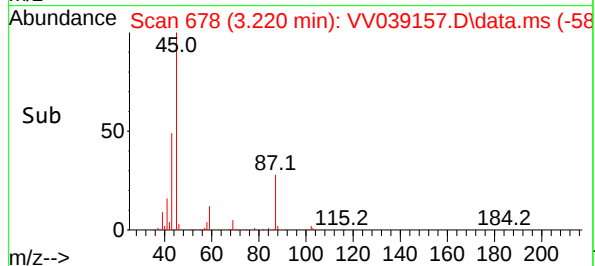
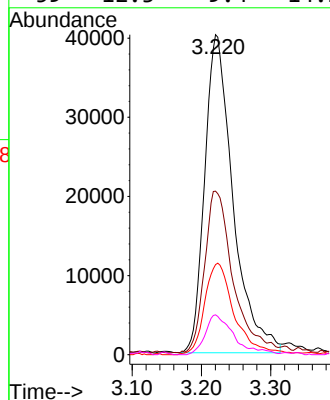
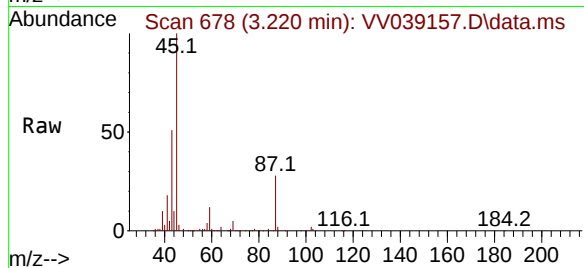
59 12.3 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#24

1,1-Dichloroethane

Concen: 0.341 ug/l

RT: 3.121 min Scan# 647

Delta R.T. 0.006 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

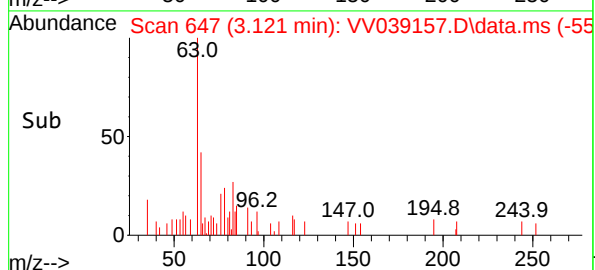
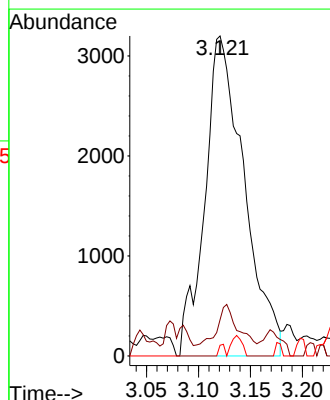
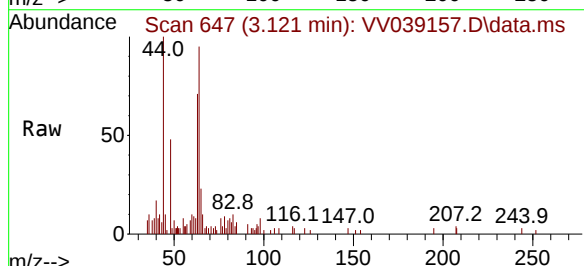
Tgt Ion: 63 Resp: 8430

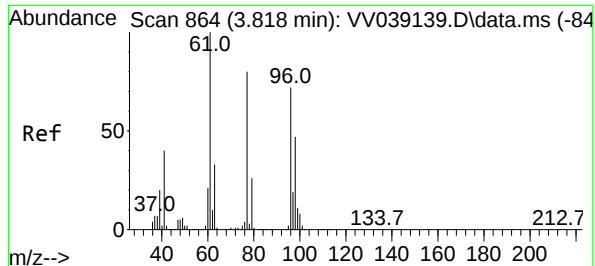
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

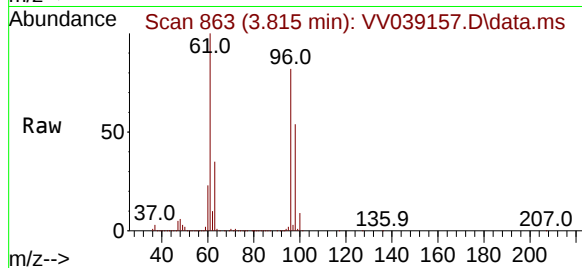
100 3.4 2.2 6.6





#27  
cis-1,2-Dichloroethene  
Concen: 1219.054 ug/l  
RT: 3.815 min Scan# 80  
Delta R.T. -0.003 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

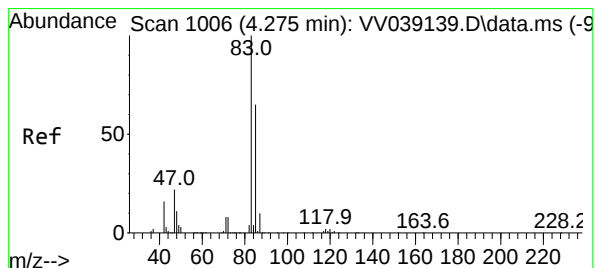
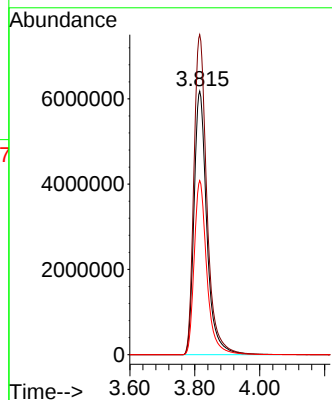
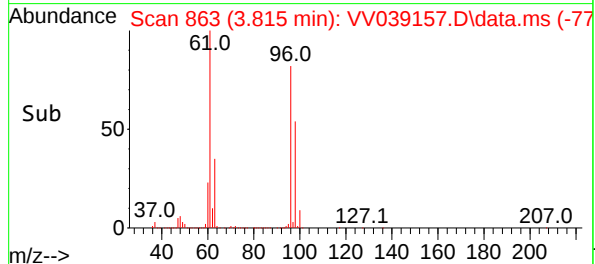
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



Tgt Ion: 96 Resp:16939500  
Ion Ratio Lower Upper  
96 100  
61 123.6 0.0 286.4  
98 65.2 0.0 126.6

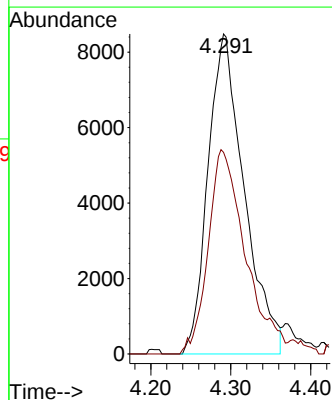
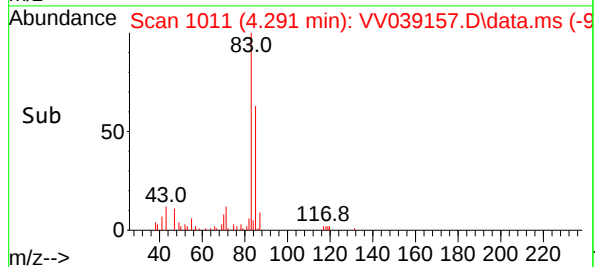
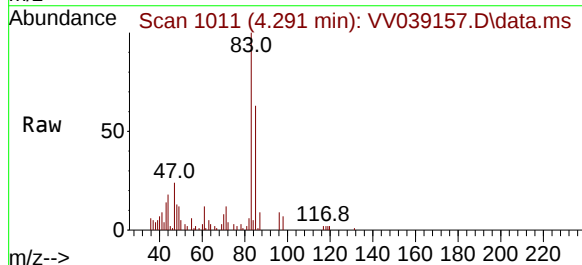
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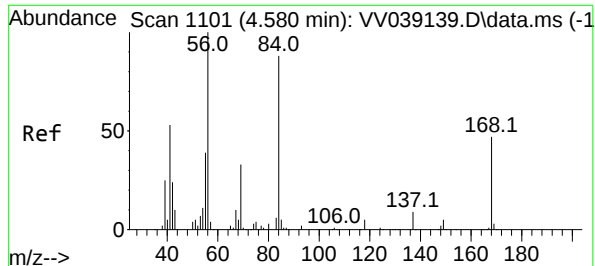
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#30  
Chloroform  
Concen: 1.033 ug/l  
RT: 4.291 min Scan# 1011  
Delta R.T. 0.016 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Tgt Ion: 83 Resp: 26684  
Ion Ratio Lower Upper  
83 100  
85 63.0 52.1 78.1





#31

Cyclohexane

Concen: 3.336 ug/l

RT: 4.590 min Scan# 1101

Delta R.T. 0.010 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion: 56 Resp: 67600

Ion Ratio Lower Upper

56 100

69 68.3 26.2 39.2

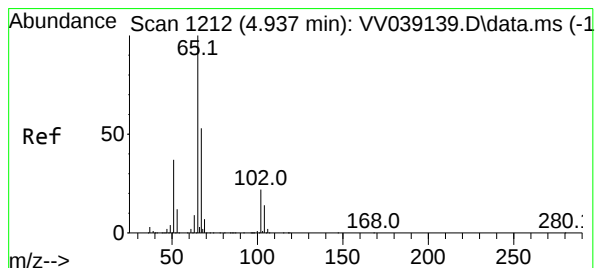
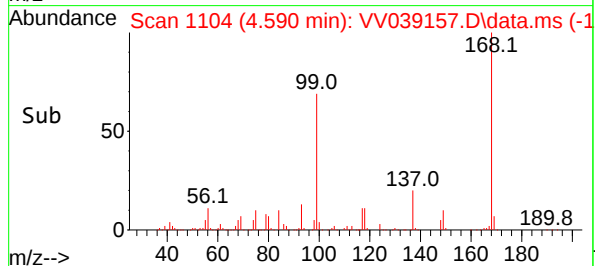
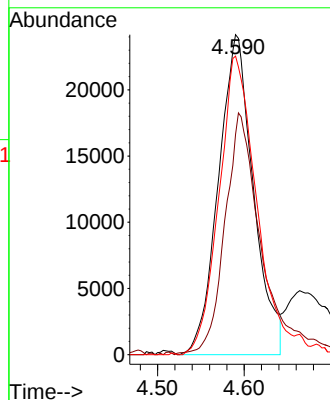
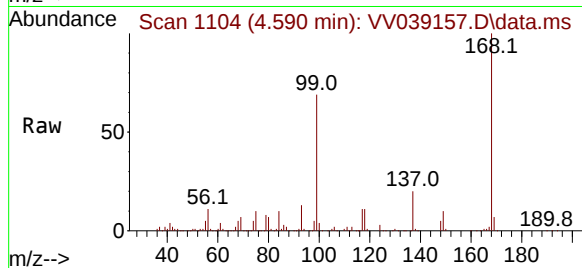
84 93.3 70.3 105.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#33

1,2-Dichloroethane-d4

Concen: 50.841 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039157.D

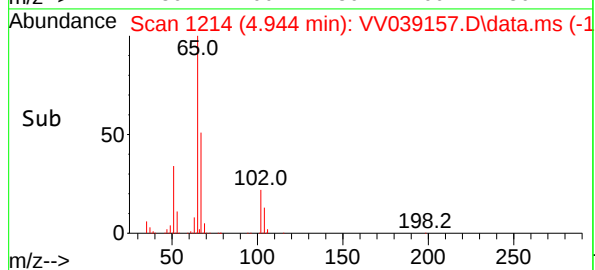
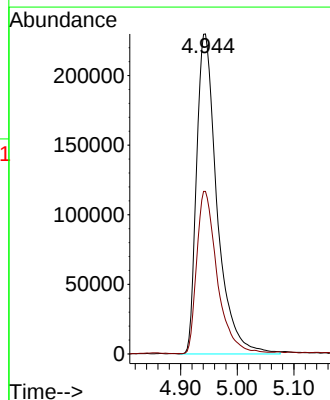
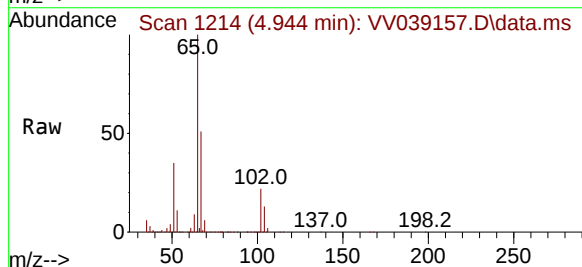
Acq: 24 Sep 2025 17:00

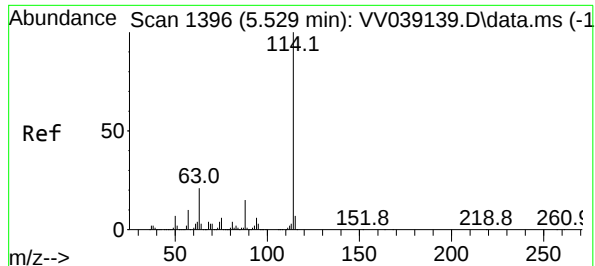
Tgt Ion: 65 Resp: 577583

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion:114 Resp: 145302

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

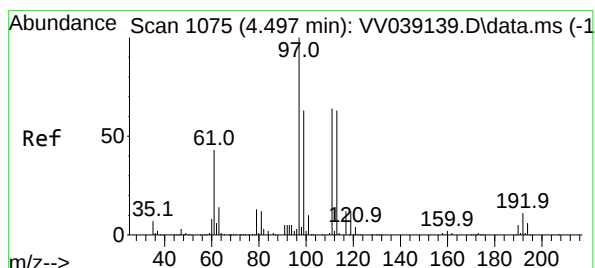
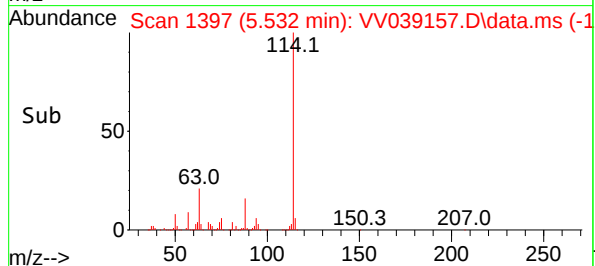
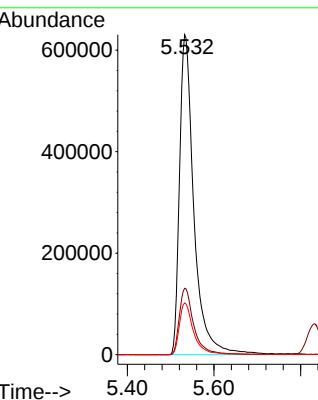
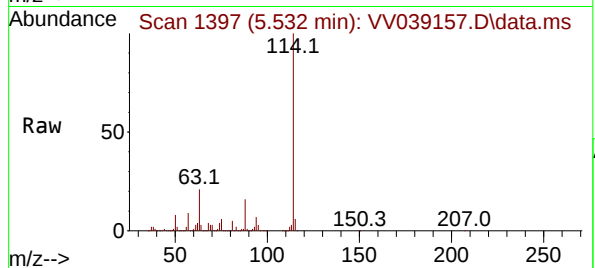
88 16.2 0.0 30.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#35

Dibromofluoromethane

Concen: 39.022 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

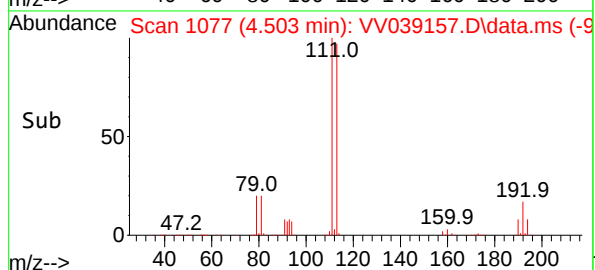
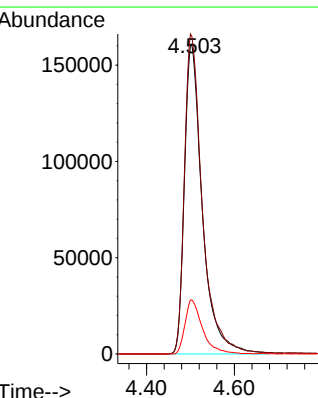
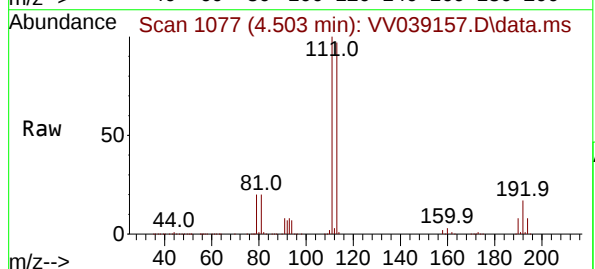
Tgt Ion:113 Resp: 455826

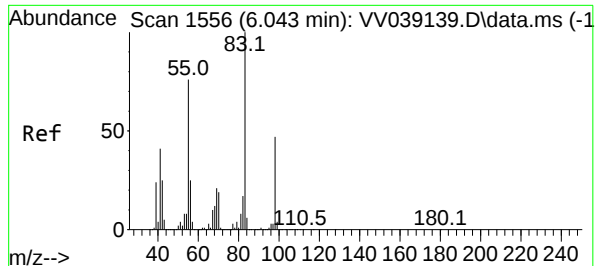
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 17.1 13.8 20.8





#39

Methylcyclohexane

Concen: 4.225 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion: 83 Resp: 9011

Ion Ratio Lower Upper

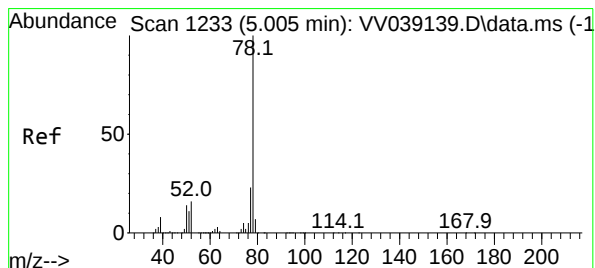
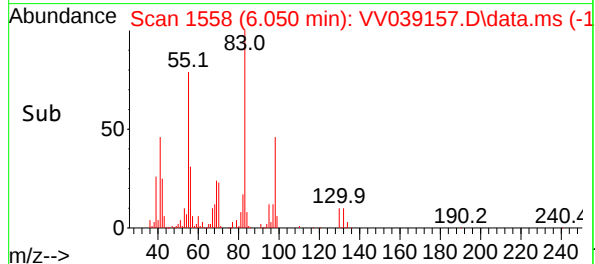
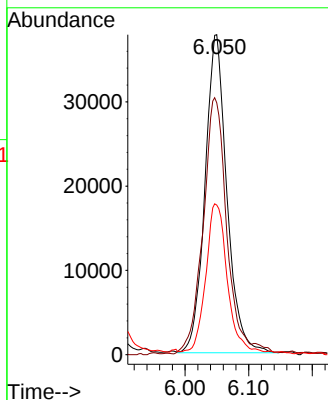
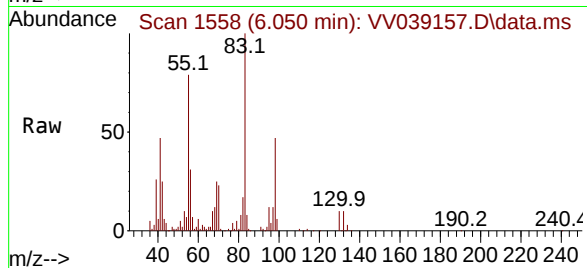
83 100

55 78.4 60.5 90.7

98 46.2 37.8 56.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025

#40

Benzene

Concen: 39.223 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039157.D

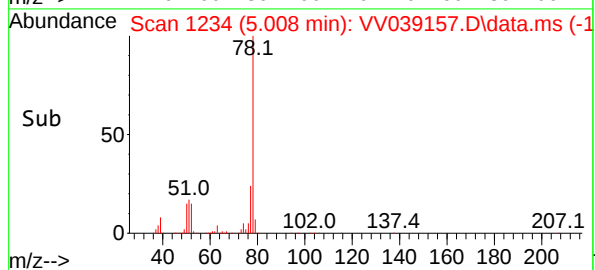
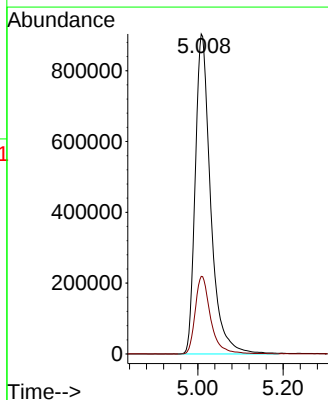
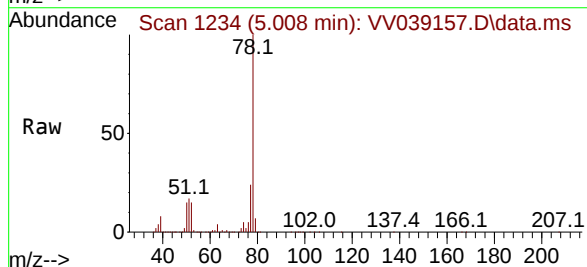
Acq: 24 Sep 2025 17:00

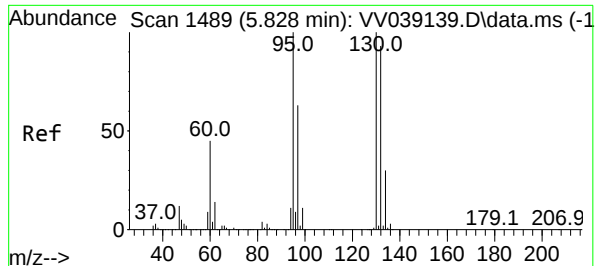
Tgt Ion: 78 Resp: 2255720

Ion Ratio Lower Upper

78 100

77 24.2 18.7 28.1





#44

Trichloroethene

Concen: 1943.227 ug/l m

RT: 5.818 min Scan# 14

Delta R.T. -0.010 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion:130 Resp:2578779

Ion Ratio Lower Upper

130 100

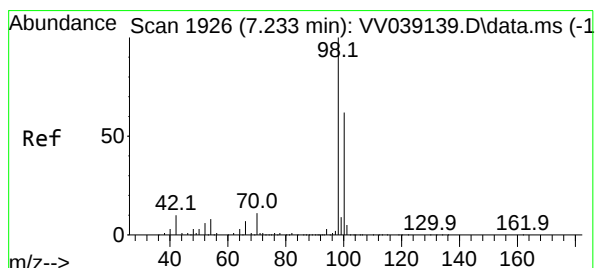
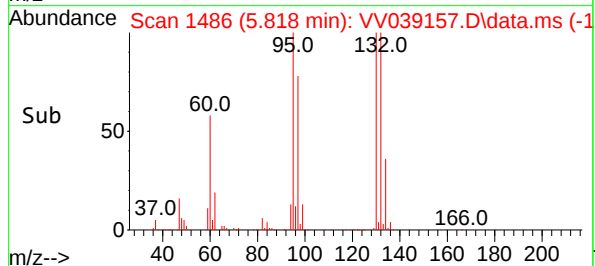
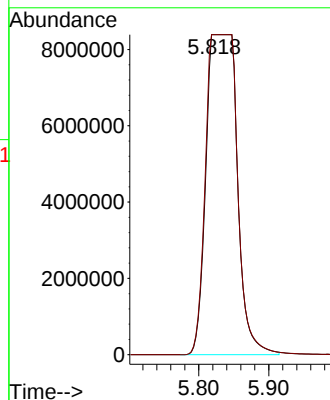
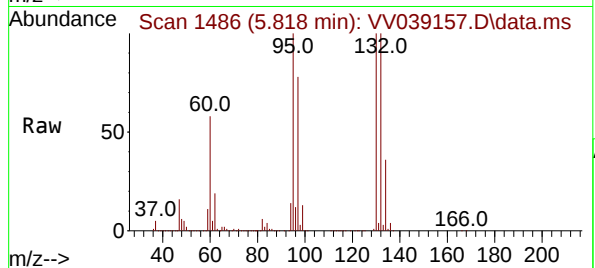
95 100.0 0.0 199.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#50

Toluene-d8

Concen: 41.648 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.006 min

Lab File: VV039157.D

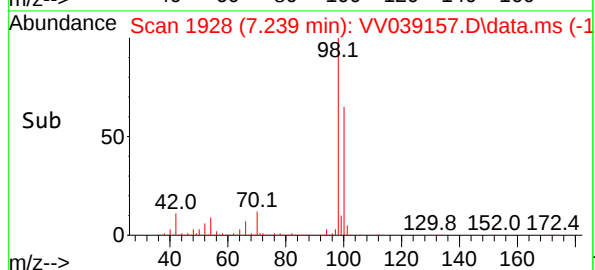
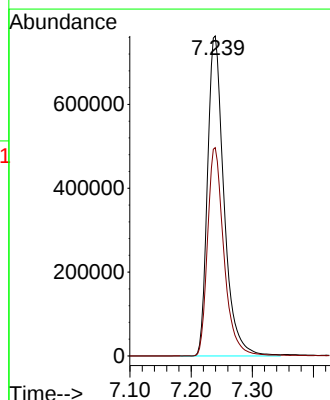
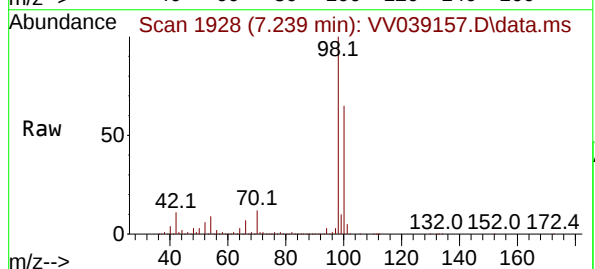
Acq: 24 Sep 2025 17:00

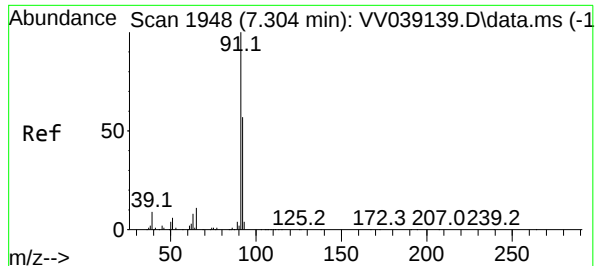
Tgt Ion: 98 Resp: 1428833

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2





#52

Toluene

Concen: 4.614 ug/l

RT: 7.317 min Scan# 1948

Delta R.T. 0.013 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion: 92 Resp: 15385

Ion Ratio Lower Upper

92 100

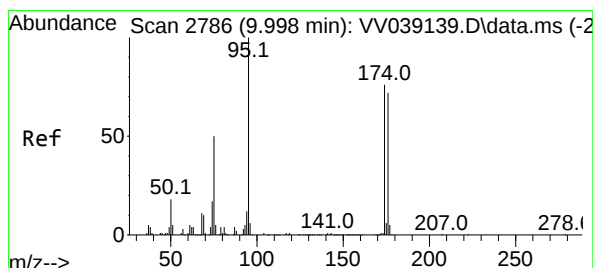
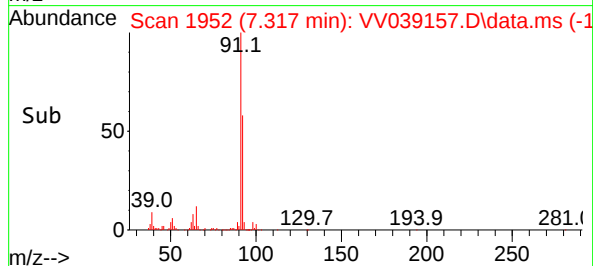
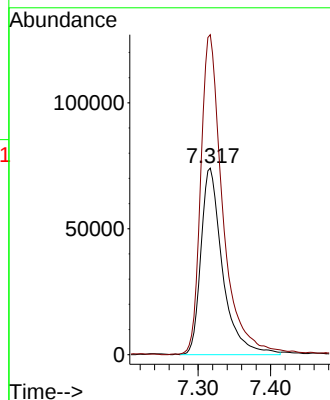
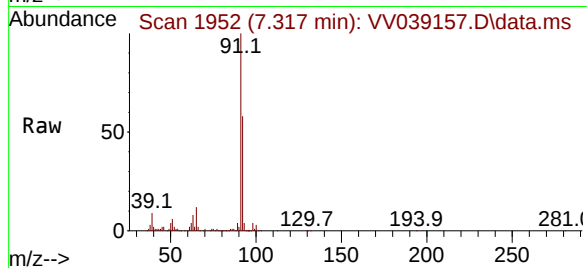
91 174.8 139.2 208.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#62

4-Bromofluorobenzene

Concen: 41.746 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

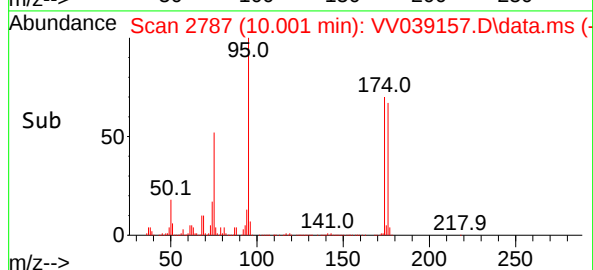
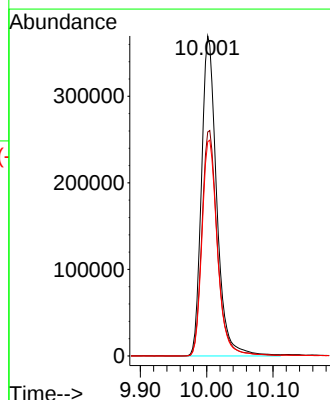
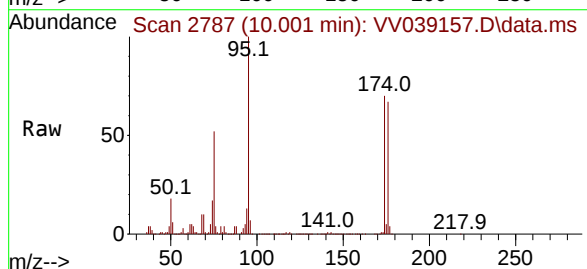
Tgt Ion: 95 Resp: 589602

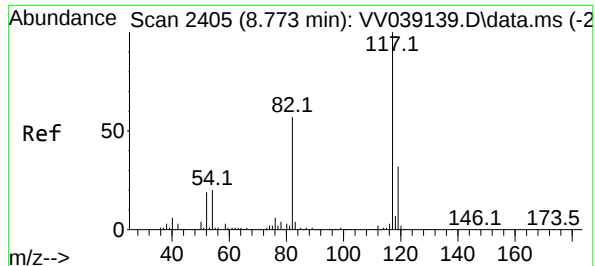
Ion Ratio Lower Upper

95 100

174 71.8 0.0 150.4

176 68.6 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.805 min Scan# 2405

Delta R.T. 0.032 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion:117 Resp: 118644

Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.2

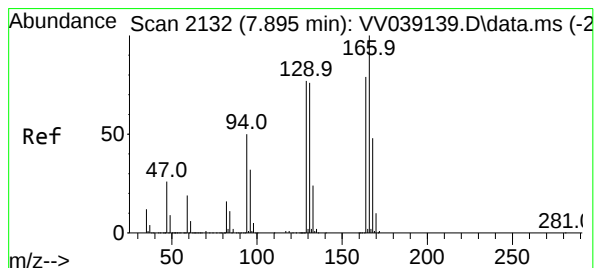
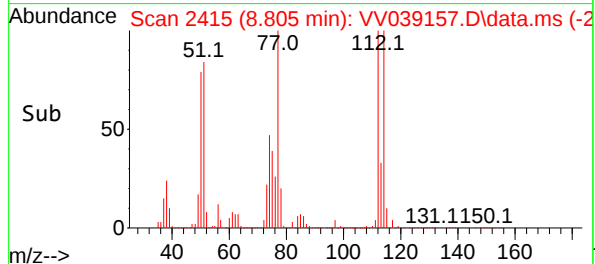
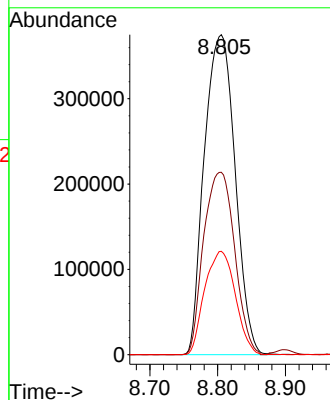
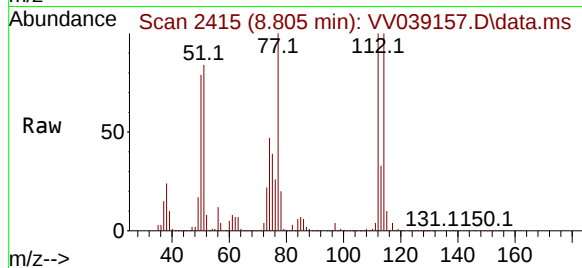
119 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#64

Tetrachloroethene

Concen: 2.118 ug/l

RT: 7.905 min Scan# 2135

Delta R.T. 0.010 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Tgt Ion:164 Resp: 21046

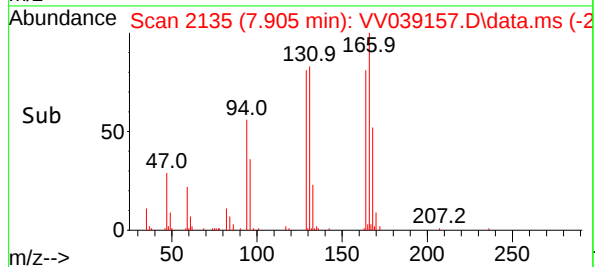
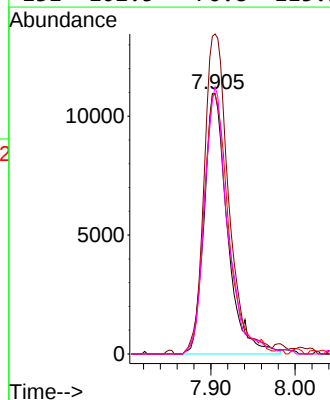
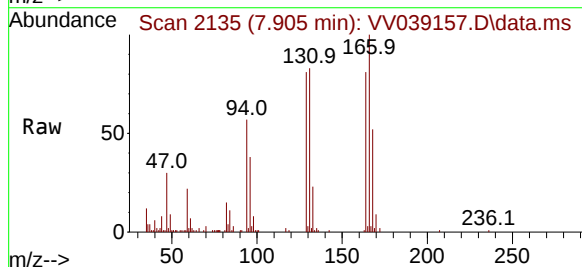
Ion Ratio Lower Upper

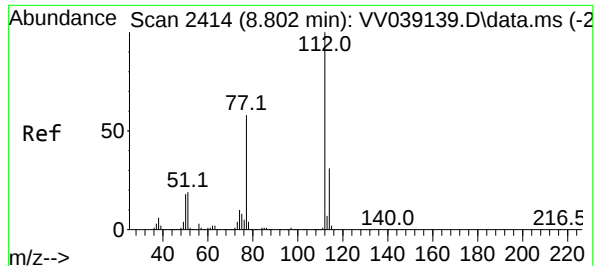
164 100

166 122.9 101.6 152.4

129 99.8 78.5 117.7

131 102.5 76.8 115.2





#65

Chlorobenzene

Concen: 1574.331 ug/l m

RT: 8.792 min Scan# 2414

Delta R.T. -0.010 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion:112 Resp:5202796

Ion Ratio Lower Upper

112 100

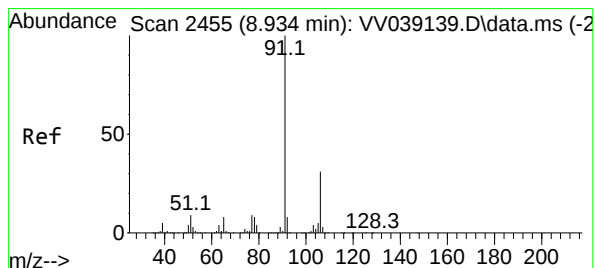
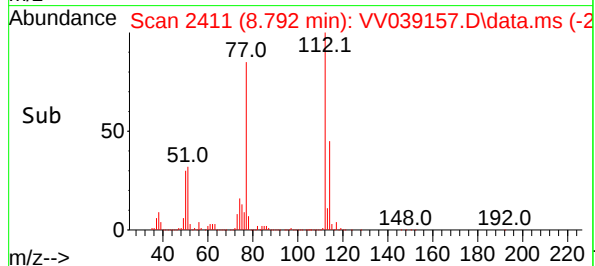
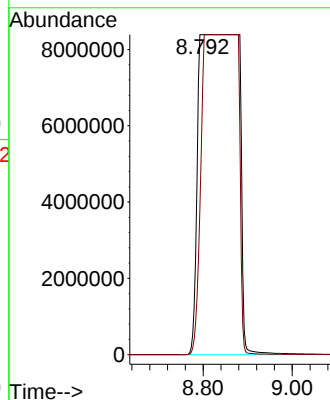
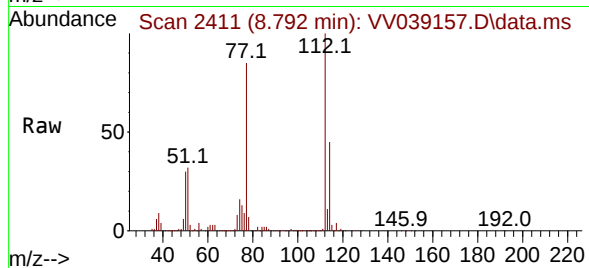
114 45.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#67

Ethyl Benzene

Concen: 3.049 ug/l

RT: 8.953 min Scan# 2461

Delta R.T. 0.019 min

Lab File: VV039157.D

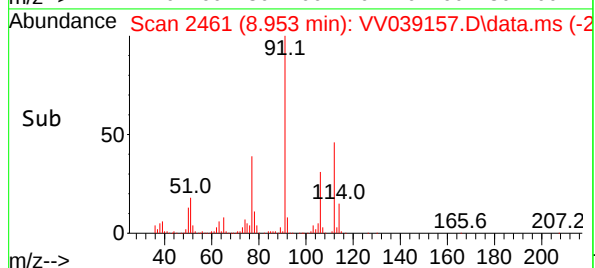
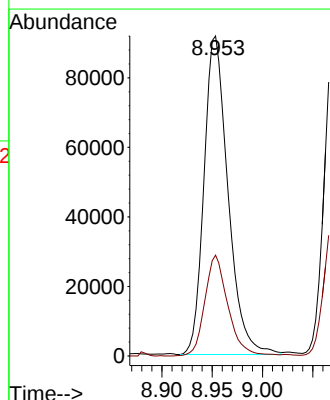
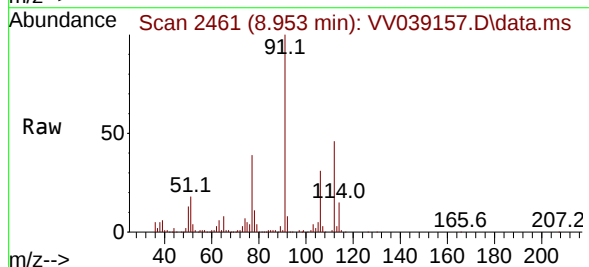
Acq: 24 Sep 2025 17:00

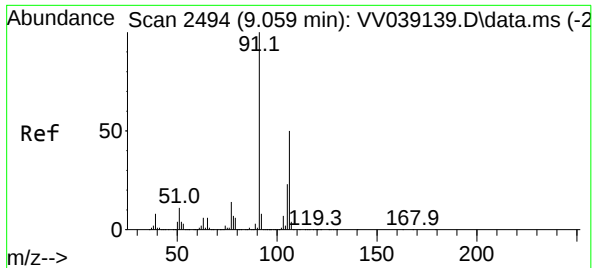
Tgt Ion: 91 Resp: 152525

Ion Ratio Lower Upper

91 100

106 31.5 24.6 37.0





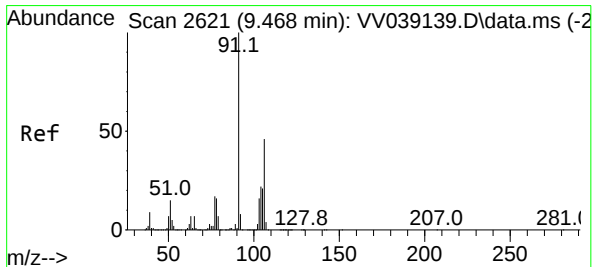
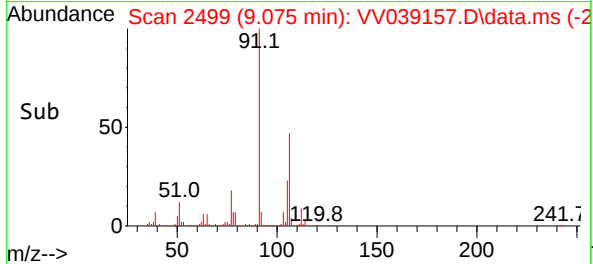
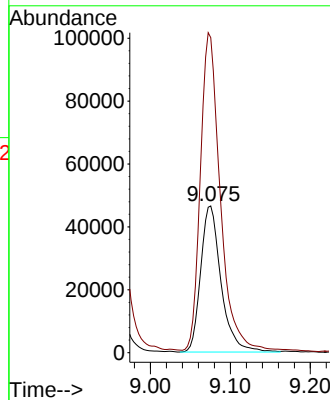
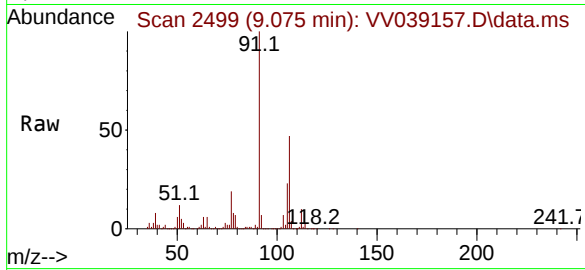
#68  
m/p-Xylenes  
Concen: 4.284 ug/l  
RT: 9.075 min Scan# 2494  
Delta R.T. 0.016 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Tgt Ion:106 Resp: 82715  
Ion Ratio Lower Upper  
106 100  
91 214.6 162.5 243.7

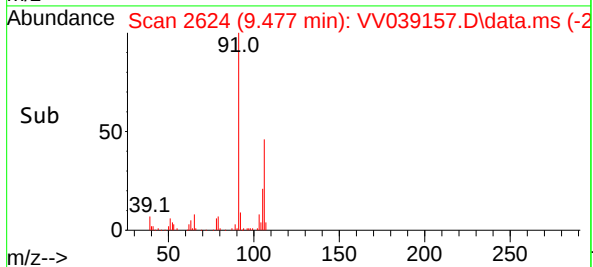
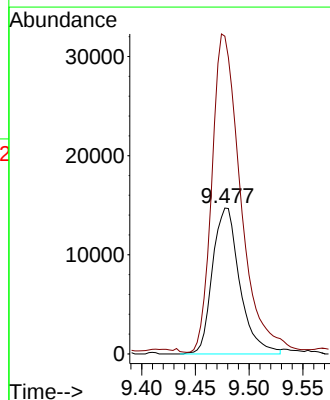
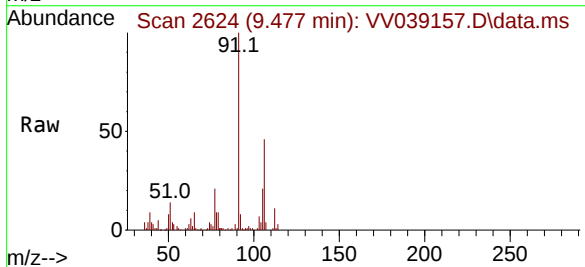
Manual Integrations  
APPROVED

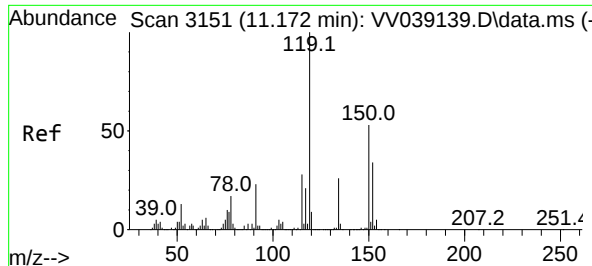
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#69  
o-Xylene  
Concen: 1.519 ug/l  
RT: 9.477 min Scan# 2624  
Delta R.T. 0.010 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Tgt Ion:106 Resp: 25960  
Ion Ratio Lower Upper  
106 100  
91 230.1 109.1 327.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion:152 Resp: 645392

Ion Ratio Lower Upper

152 100

115 62.1 44.8 134.4

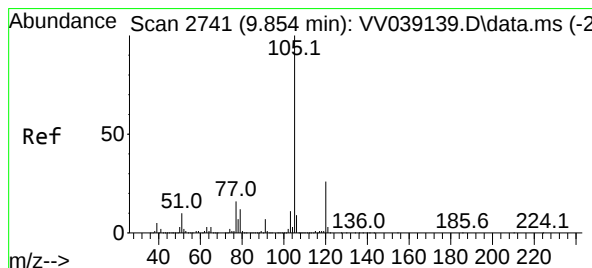
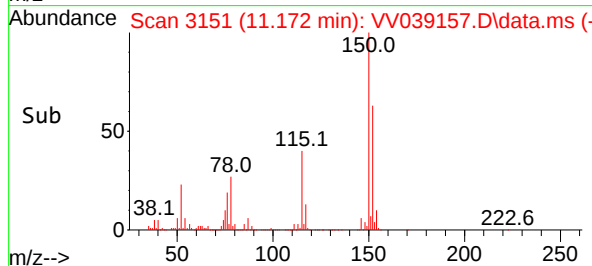
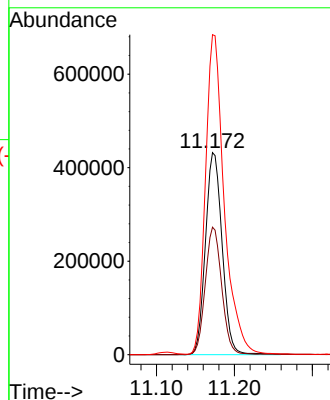
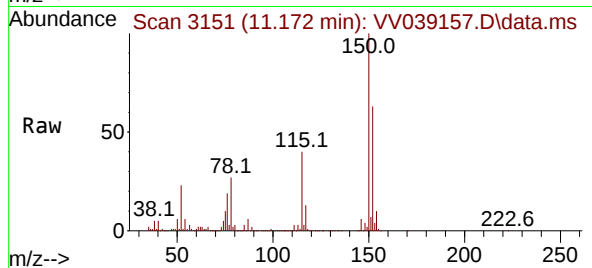
150 176.6 0.0 353.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#73

Isopropylbenzene

Concen: 0.805 ug/l

RT: 9.863 min Scan# 2744

Delta R.T. 0.010 min

Lab File: VV039157.D

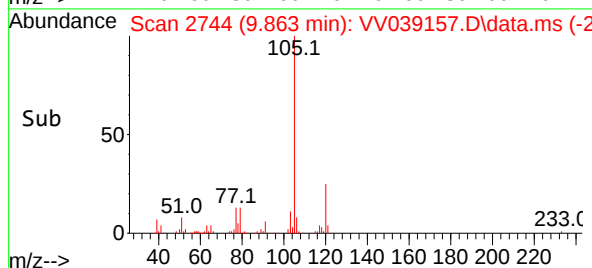
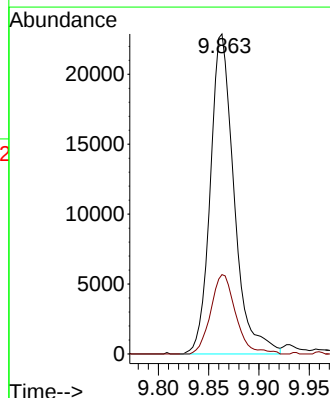
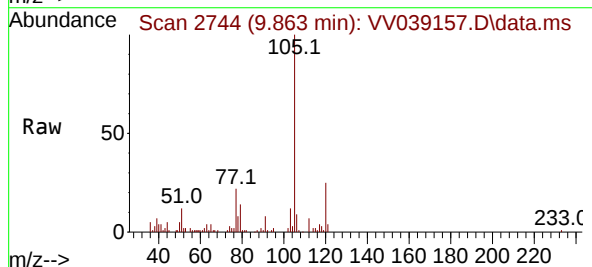
Acq: 24 Sep 2025 17:00

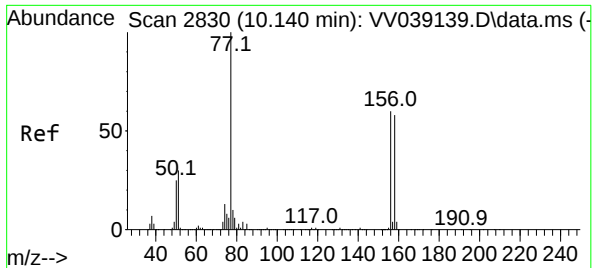
Tgt Ion:105 Resp: 37694

Ion Ratio Lower Upper

105 100

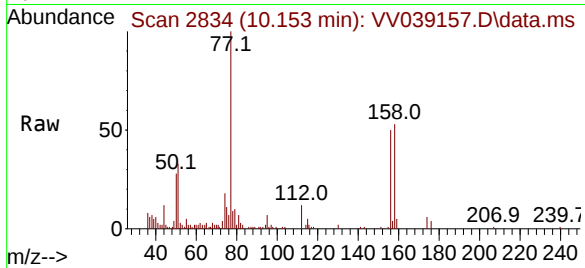
120 26.1 13.1 39.1





#77  
Bromobenzene  
Concen: 1.122 ug/l  
RT: 10.153 min Scan# 2834  
Delta R.T. 0.013 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

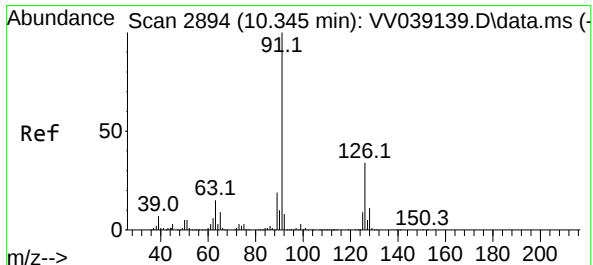
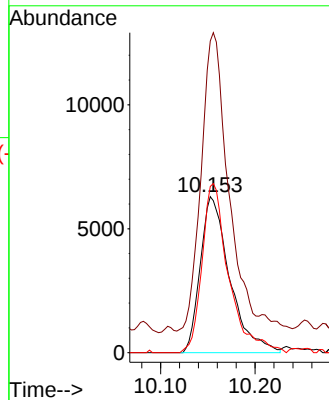
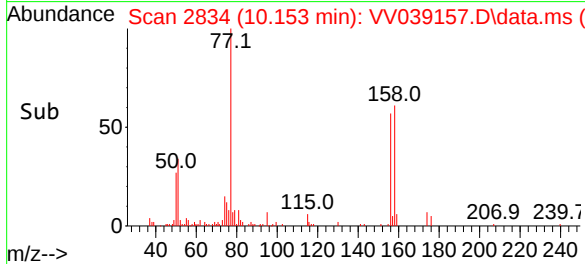
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



Tgt Ion:156 Resp: 1363  
Ion Ratio Lower Upper  
156 100  
77 174.6 83.4 250.1  
158 98.2 48.8 146.4

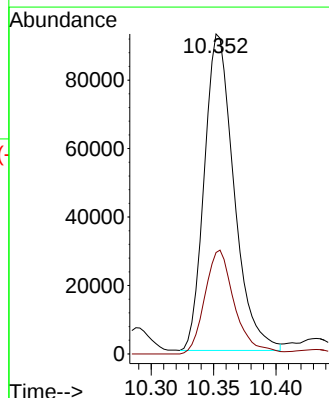
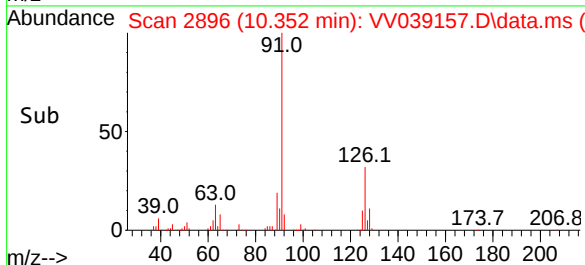
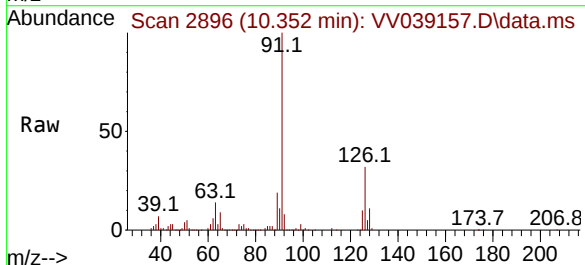
Manual Integrations  
APPROVED

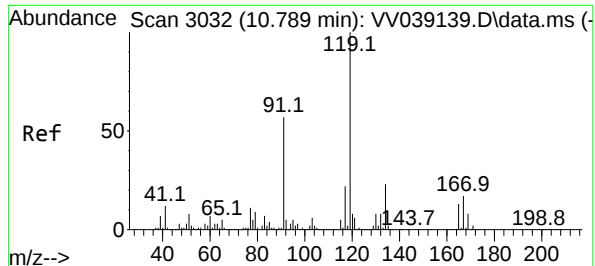
Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#79  
2-Chlorotoluene  
Concen: 4.485 ug/l  
RT: 10.352 min Scan# 2896  
Delta R.T. 0.006 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Tgt Ion: 91 Resp: 152988  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 0.668 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

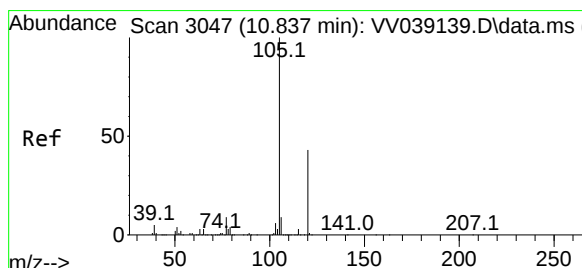
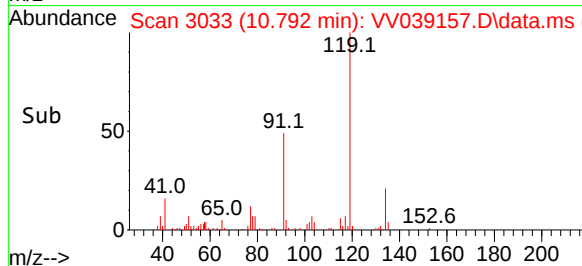
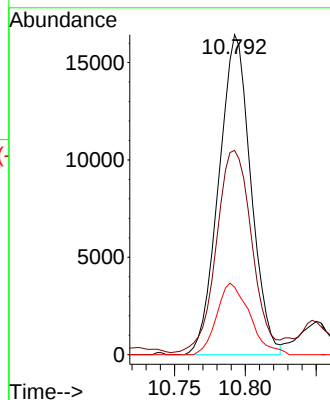
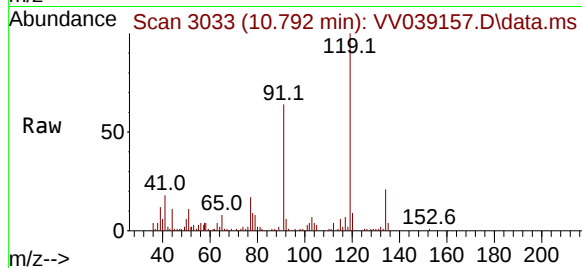
FW7D

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 25904 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 69.7  | 28.5  | 85.6  |
| 134       | 22.9  | 11.5  | 34.4  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.569 ug/l

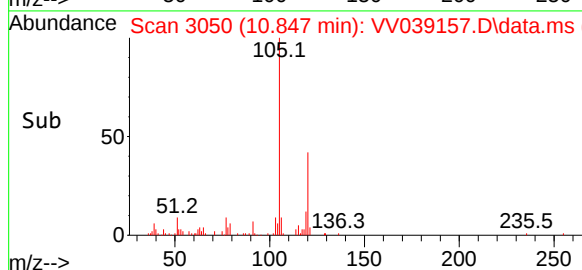
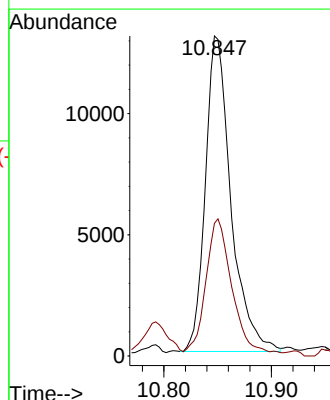
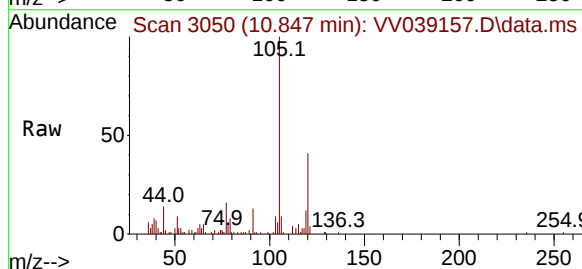
RT: 10.847 min Scan# 3050

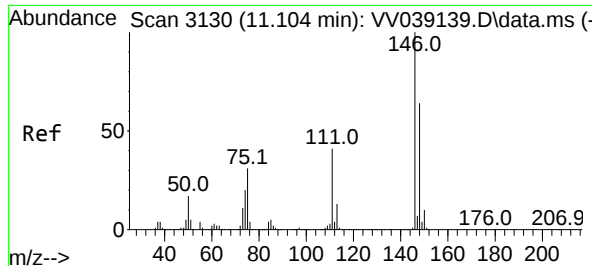
Delta R.T. 0.010 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 21492 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 45.6  | 22.4  | 67.2  |





#87

1,3-Dichlorobenzene

Concen: 3.550 ug/l

RT: 11.111 min Scan# 3111

Delta R.T. 0.006 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

Instrument :

MSVOA\_V

ClientSampleId :

FW7D

Tgt Ion:146 Resp: 87249

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

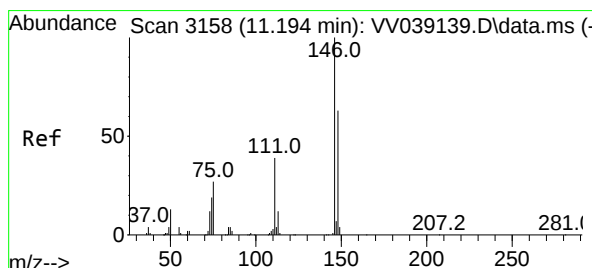
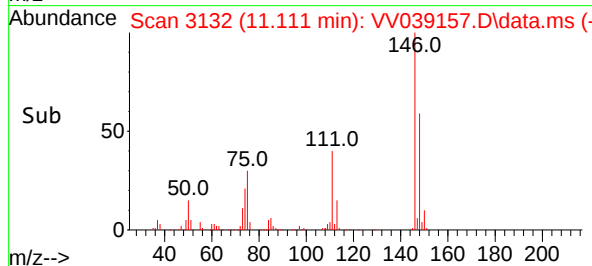
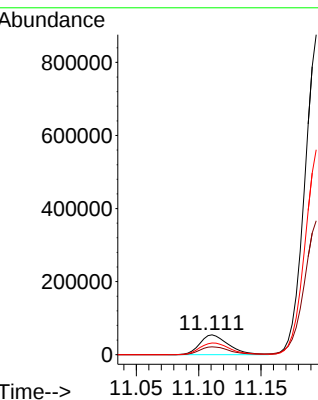
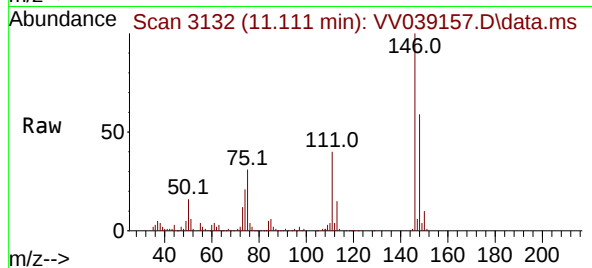
148 62.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#88

1,4-Dichlorobenzene

Concen: 51.115 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.000 min

Lab File: VV039157.D

Acq: 24 Sep 2025 17:00

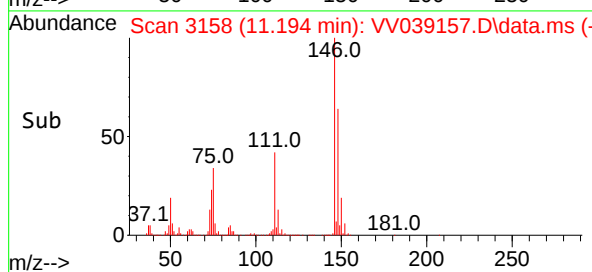
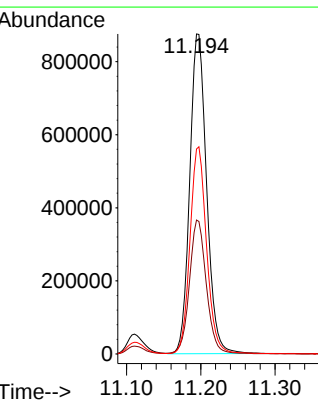
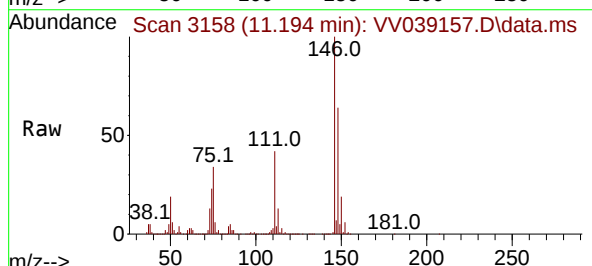
Tgt Ion:146 Resp: 1378381

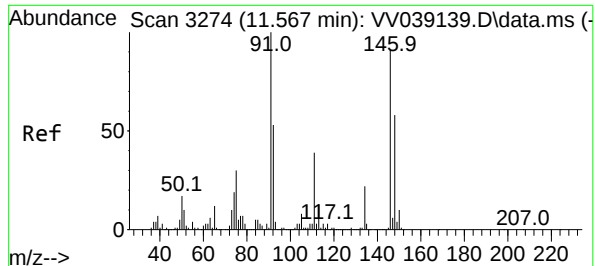
Ion Ratio Lower Upper

146 100

111 42.0 20.3 60.8

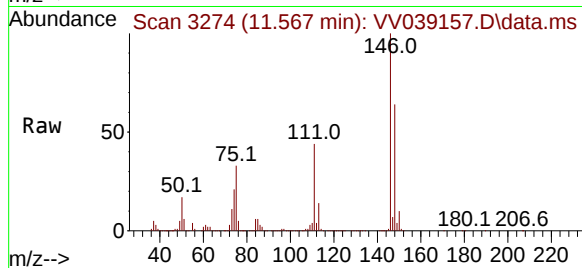
148 63.8 31.4 94.2





#91  
1,2-Dichlorobenzene  
Concen: 80.719 ug/l  
RT: 11.567 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

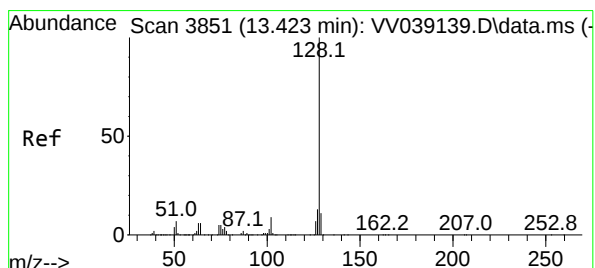
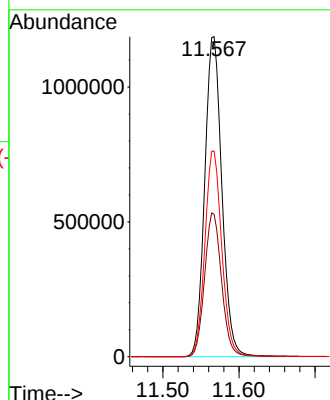
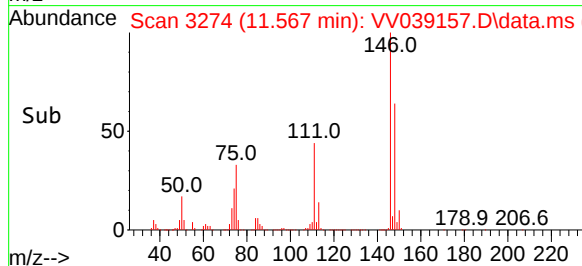
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D



Tgt Ion:146 Resp: 1853630  
Ion Ratio Lower Upper  
146 100  
111 44.5 21.5 64.5  
148 63.6 31.9 95.7

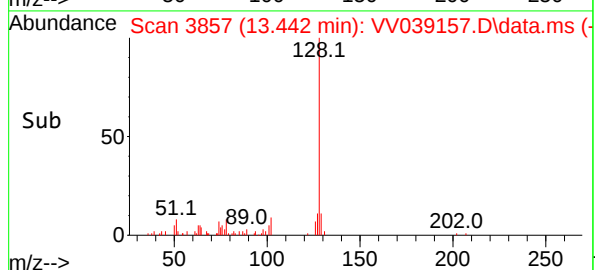
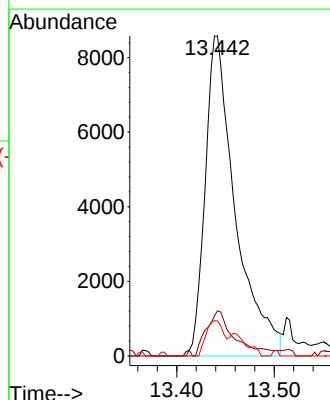
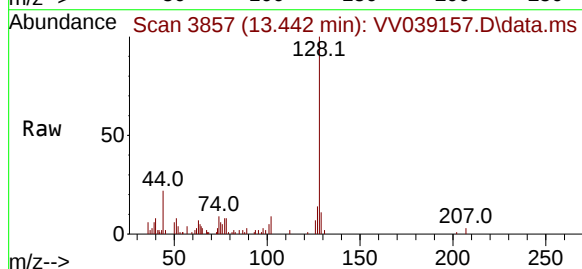
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025  
Supervised By :Semsettin Yesilyurt 09/26/2025



#95  
Naphthalene  
Concen: 0.434 ug/l  
RT: 13.442 min Scan# 3857  
Delta R.T. 0.019 min  
Lab File: VV039157.D  
Acq: 24 Sep 2025 17:00

Tgt Ion:128 Resp: 18472  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.3 15.5  
129 6.4 8.6 13.0#



5

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039157.D  
Acq On : 24 Sep 2025 17:00  
Operator : SY/MD  
Sample : Q3172-01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M

Title : SW846 8260

Signal : TIC: VV039157.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.815       | 844           | 863         | 928          | rBV      | 26145489       | 71531155      | 11.94%          | 8.175%        |
| 2         | 5.834       | 1469          | 1491        | 1542         | rBV3     | 87255524       | 197058586     | 32.90%          | 22.520%       |
| 3         | 8.863       | 2396          | 2433        | 2453         | rBV9     | 122305586      | 598886321     | 100.00%         | 68.441%       |
| 4         | 11.564      | 3261          | 3273        | 3301         | rBV      | 4898790        | 7563596       | 1.26%           | 0.864%        |

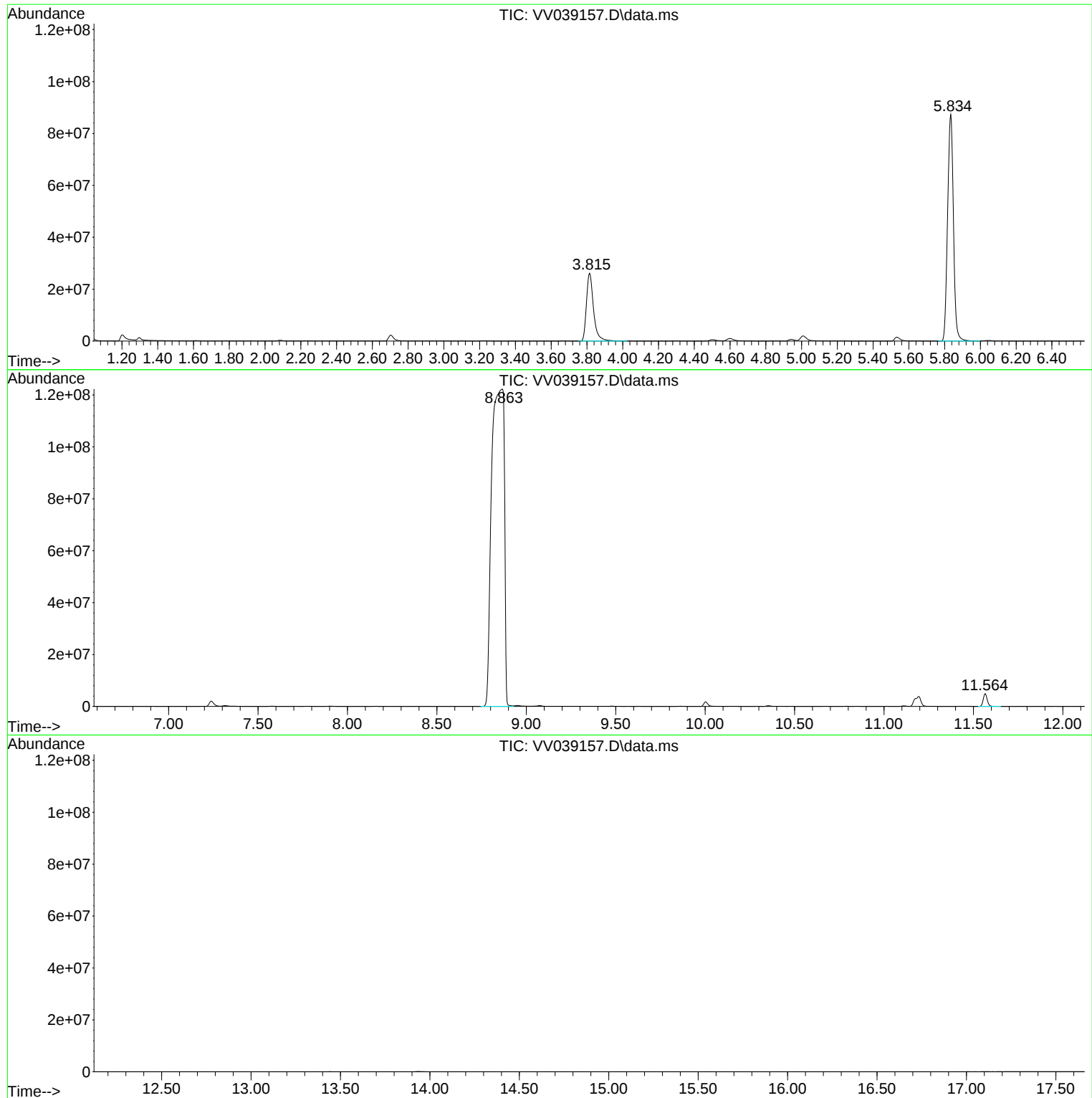
Sum of corrected areas: 875039658

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039157.D  
Acq On : 24 Sep 2025 17:00  
Operator : SY/MD  
Sample : Q3172-01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039157.D  
Acq On : 24 Sep 2025 17:00  
Operator : SY/MD  
Sample : Q3172-01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

5

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039157.D  
Acq On : 24 Sep 2025 17:00  
Operator : SY/MD  
Sample : Q3172-01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
 Data File : VV039182.D  
 Acq On : 25 Sep 2025 15:33  
 Operator : SY/MD  
 Sample : Q3172-01DL 100X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 FW7DDL

Quant Time: Sep 26 01:30:43 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

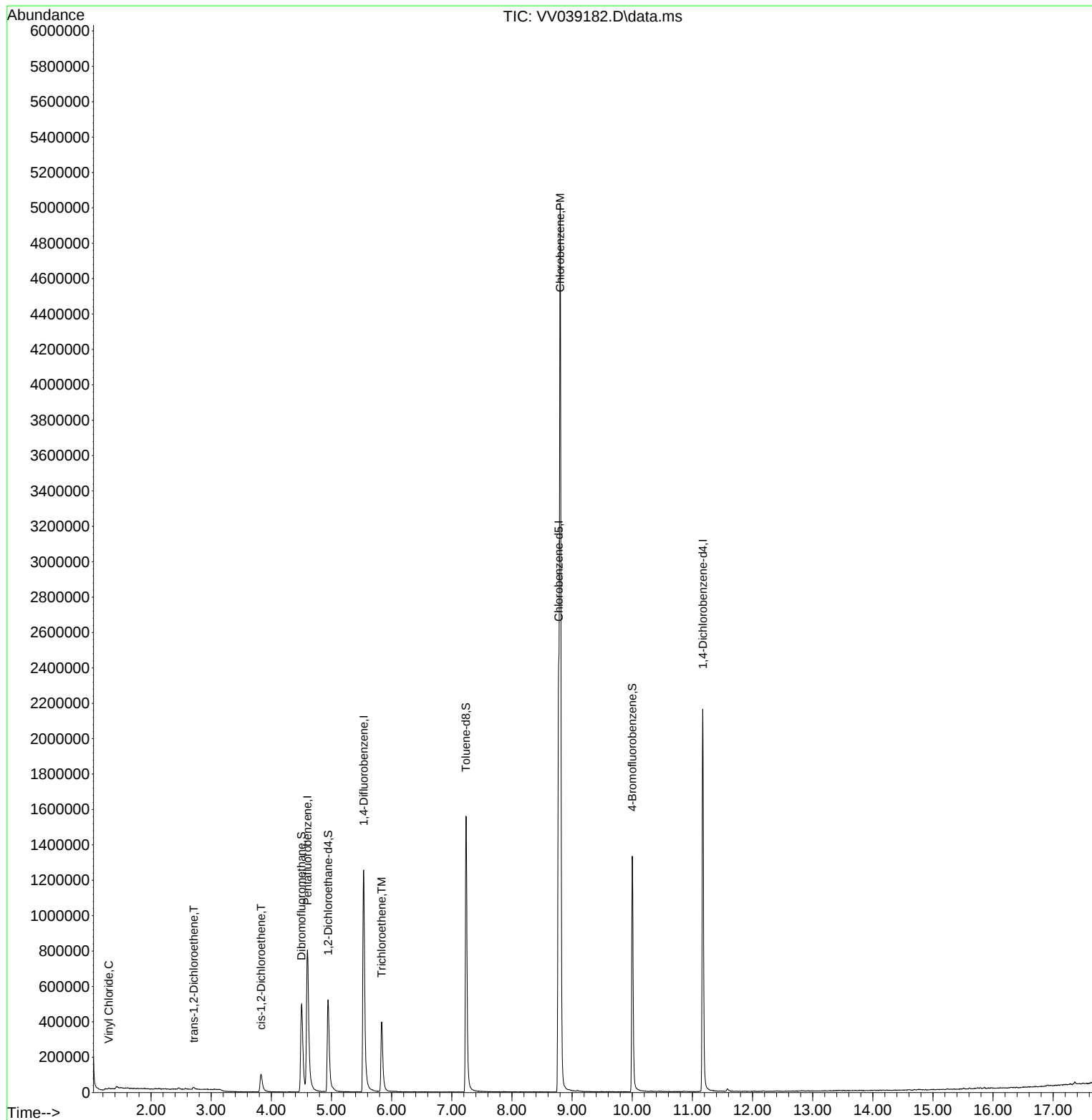
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 4.600  | 168   | 686688   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 5.535  | 114   | 1217519  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 8.776  | 117   | 1189450  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.175 | 152   | 556145   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 4.944  | 65    | 468975   | 47.188   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 81 - 118 | Recovery | =      | 94.380%  |
| 35) Dibromofluoromethane     | 4.503  | 113   | 418030   | 42.709   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 80 - 119 | Recovery | =      | 85.420%  |
| 50) Toluene-d8               | 7.236  | 98    | 1147282  | 39.909   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 89 - 112 | Recovery | =      | 79.820%# |
| 62) 4-Bromofluorobenzene     | 10.001 | 95    | 465413   | 39.327   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 85 - 114 | Recovery | =      | 78.660%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 4) Vinyl Chloride            | 1.297  | 62    | 3724     | 0.298    | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 2.712  | 96    | 4306     | 0.391    | ug/l   | 85       |
| 27) cis-1,2-Dichloroethene   | 3.828  | 96    | 66779    | 5.493    | ug/l   | 89       |
| 44) Trichloroethene          | 5.834  | 130   | 163013   | 14.660   | ug/l   | 93       |
| 65) Chlorobenzene            | 8.802  | 112   | 2711601  | 81.844   | ug/l   | 98       |
| -----                        |        |       |          |          |        |          |

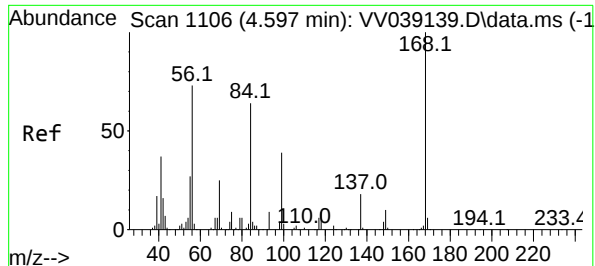
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039182.D  
Acq On : 25 Sep 2025 15:33  
Operator : SY/MD  
Sample : Q3172-01DL 100X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7DDL

Quant Time: Sep 26 01:30:43 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

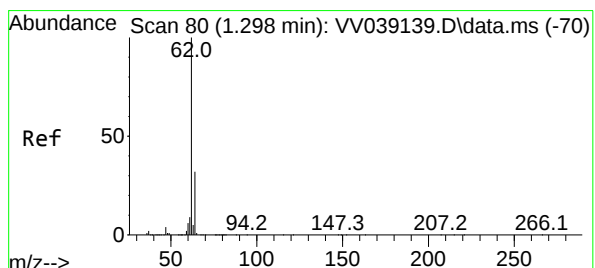
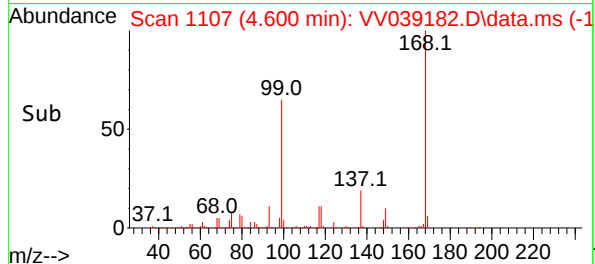
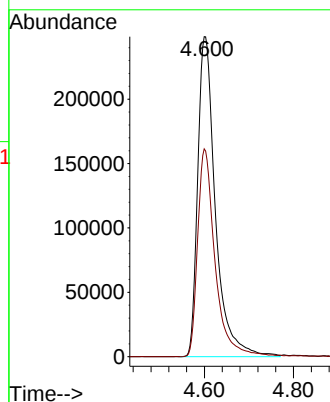
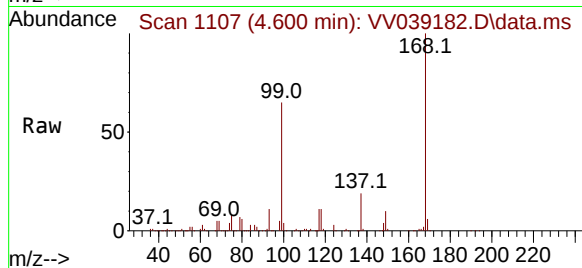




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.600 min Scan# 1106  
Delta R.T. 0.003 min  
Lab File: VV039182.D  
Acq: 25 Sep 2025 15:33

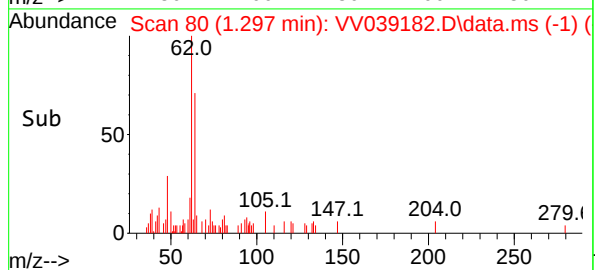
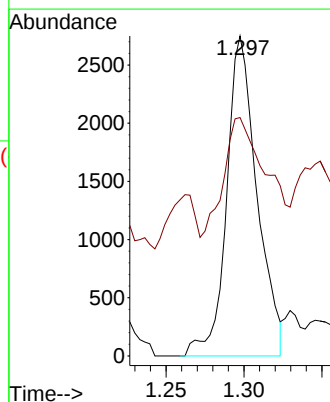
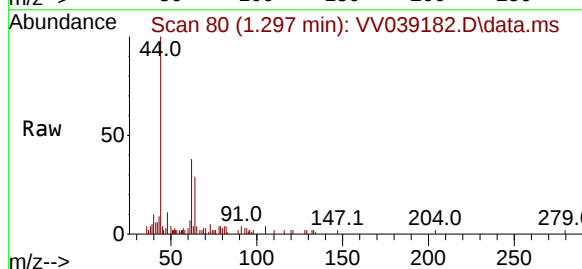
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7DDL

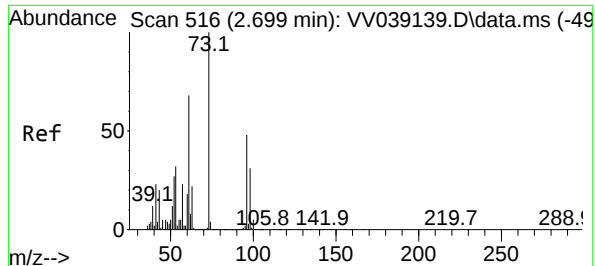
Tgt Ion:168 Resp: 686688  
Ion Ratio Lower Upper  
168 100  
99 64.9 49.6 74.4



#4  
Vinyl Chloride  
Concen: 0.298 ug/l  
RT: 1.297 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VV039182.D  
Acq: 25 Sep 2025 15:33

Tgt Ion: 62 Resp: 3724  
Ion Ratio Lower Upper  
62 100  
64 25.8 25.6 38.4

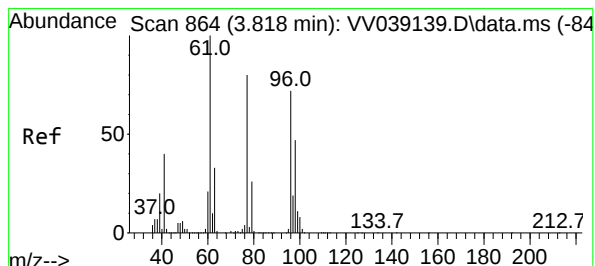
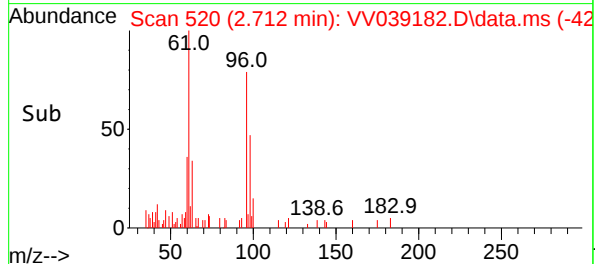
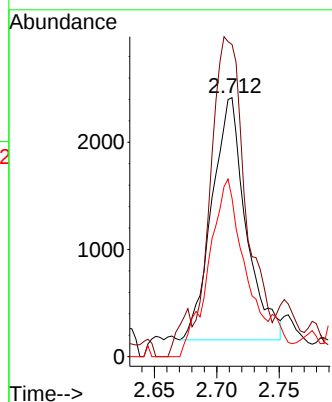
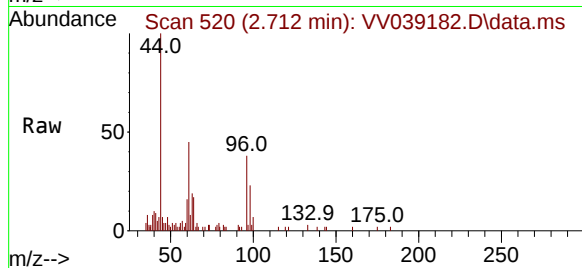




#21  
trans-1,2-Dichloroethene  
Concen: 0.391 ug/l  
RT: 2.712 min Scan# 516  
Delta R.T. 0.013 min  
Lab File: VV039182.D  
Acq: 25 Sep 2025 15:33

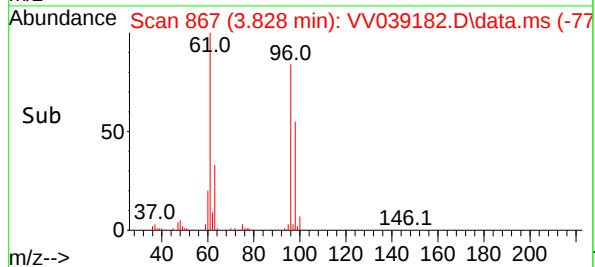
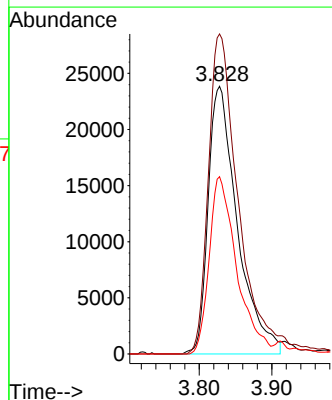
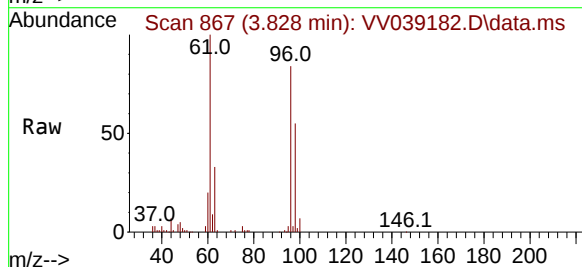
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW7DDL

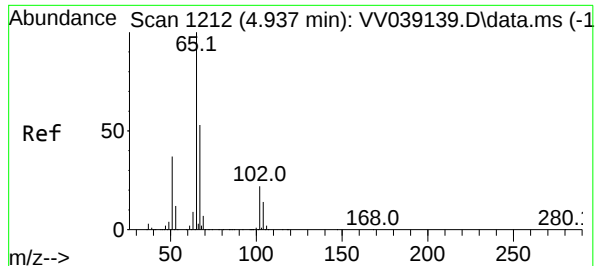
| Tgt Ion | 96    | Resp: | 4306  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 115.9 | 112.8 | 169.2 |
| 98      | 65.3  | 51.1  | 76.7  |



#27  
cis-1,2-Dichloroethene  
Concen: 5.493 ug/l  
RT: 3.828 min Scan# 867  
Delta R.T. 0.010 min  
Lab File: VV039182.D  
Acq: 25 Sep 2025 15:33

| Tgt Ion | 96    | Resp: | 66779 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 124.6 | 0.0   | 286.4 |
| 98      | 62.3  | 0.0   | 126.6 |





#33

1,2-Dichloroethane-d4

Concen: 47.188 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039182.D

Acq: 25 Sep 2025 15:33

Instrument :

MSVOA\_V

ClientSampleId :

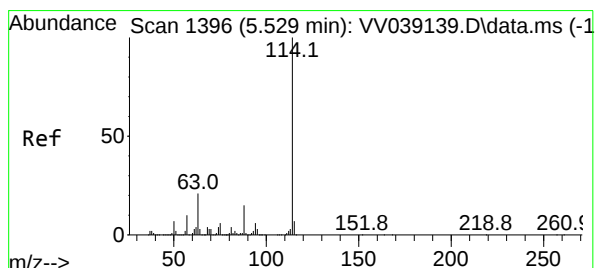
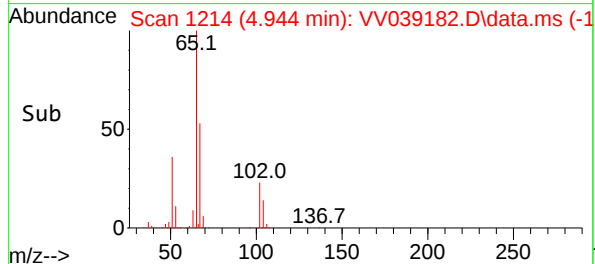
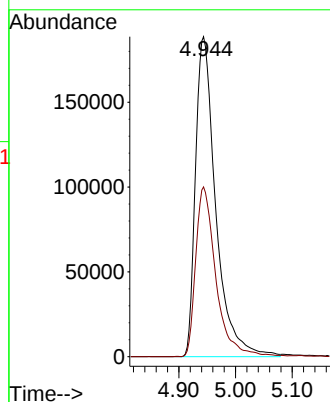
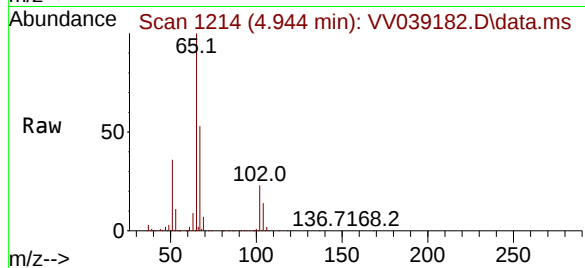
FW7DDL

Tgt Ion: 65 Resp: 468975

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039182.D

Acq: 25 Sep 2025 15:33

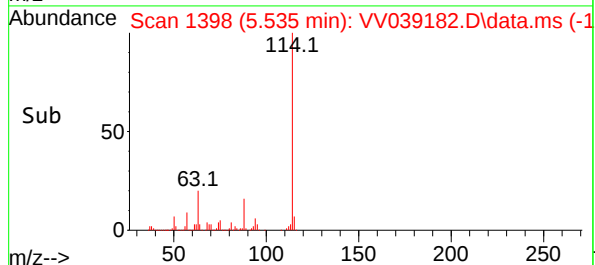
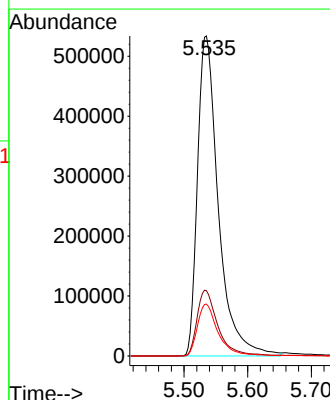
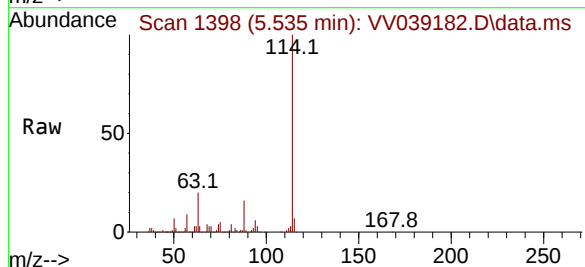
Tgt Ion: 114 Resp: 1217519

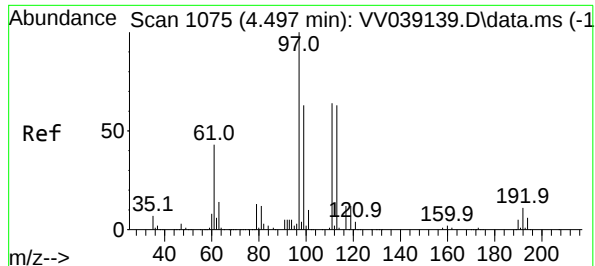
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 16.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 42.709 ug/l

RT: 4.503 min Scan# 1113

Delta R.T. 0.006 min

Lab File: VV039182.D

Acq: 25 Sep 2025 15:33

Instrument :

MSVOA\_V

ClientSampleId :

FW7DDL

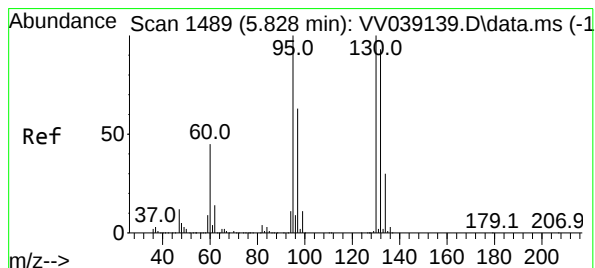
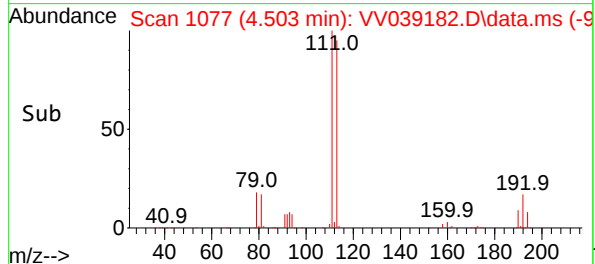
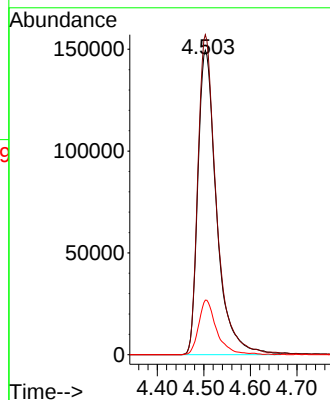
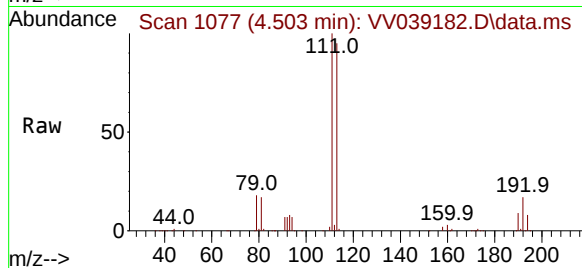
Tgt Ion:113 Resp: 418030

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 17.1 13.8 20.8



#44

Trichloroethene

Concen: 14.660 ug/l

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV039182.D

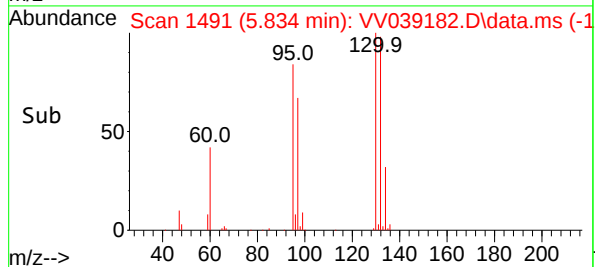
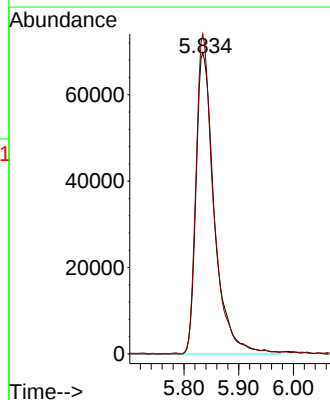
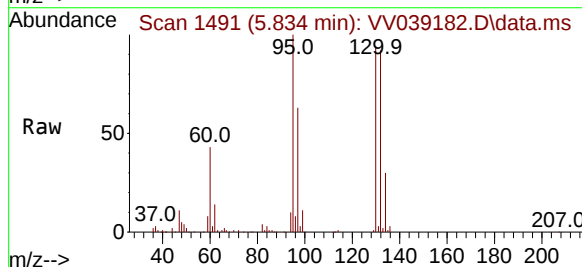
Acq: 25 Sep 2025 15:33

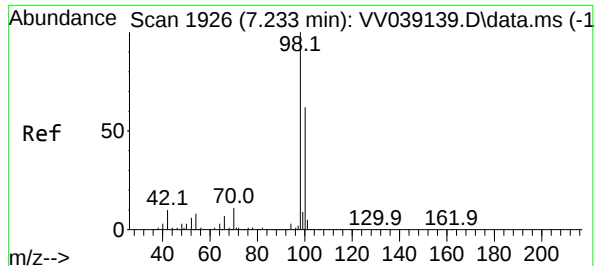
Tgt Ion:130 Resp: 163013

Ion Ratio Lower Upper

130 100

95 106.2 0.0 199.2





#50

Toluene-d8

Concen: 39.909 ug/l

RT: 7.236 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039182.D

Acq: 25 Sep 2025 15:33

Instrument :

MSVOA\_V

ClientSampleId :

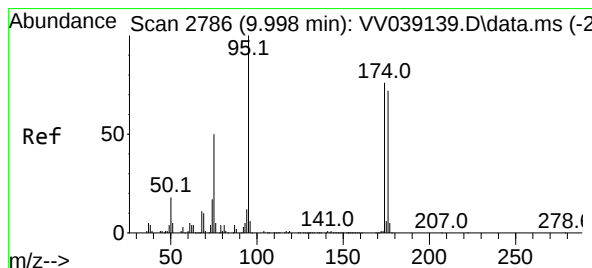
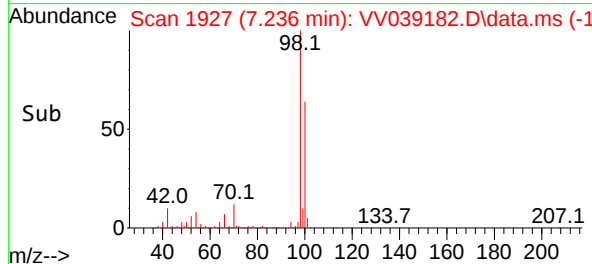
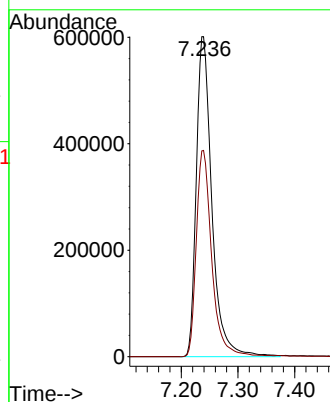
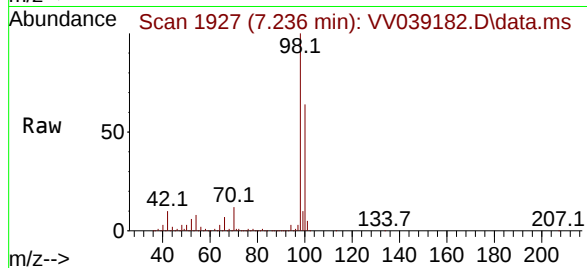
FW7DDL

Tgt Ion: 98 Resp: 1147282

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 39.327 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039182.D

Acq: 25 Sep 2025 15:33

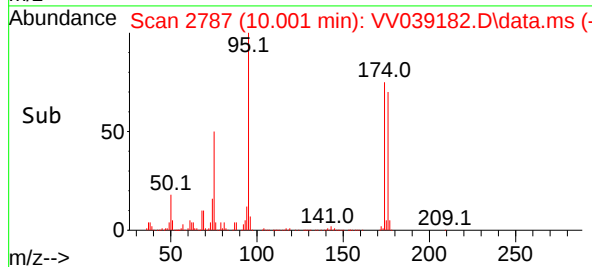
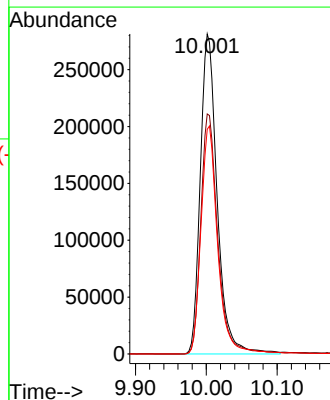
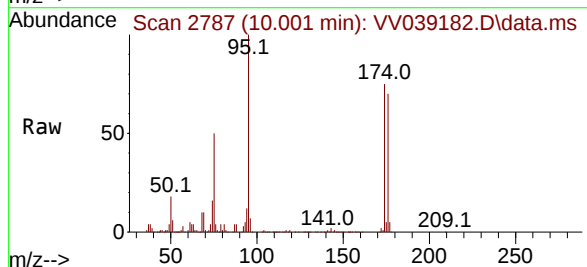
Tgt Ion: 95 Resp: 465413

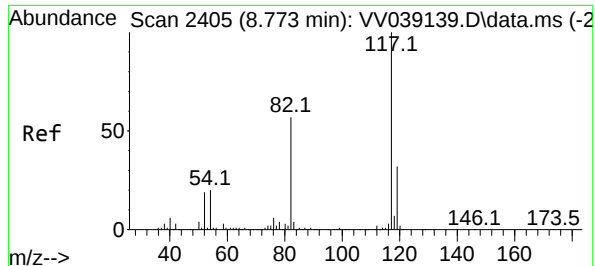
Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

176 70.5 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039182.D

Acq: 25 Sep 2025 15:33

Instrument :

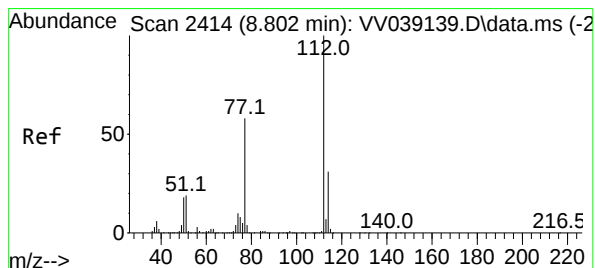
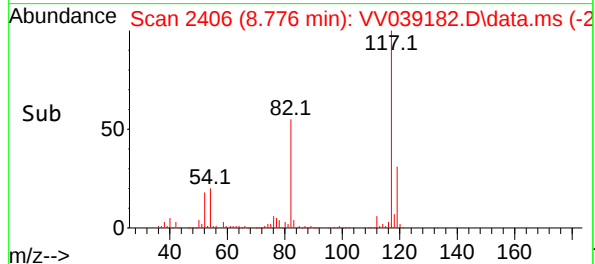
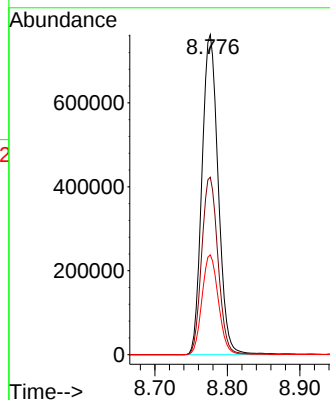
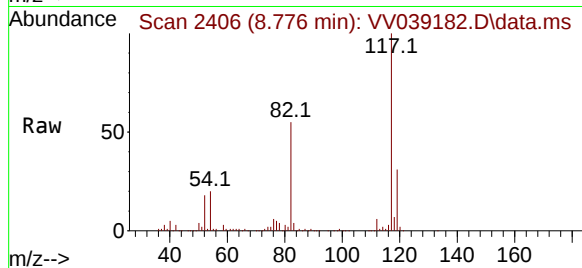
MSVOA\_V

ClientSampleId :

FW7DDL

Tgt Ion:117 Resp: 1189450

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 55.4  | 45.4  | 68.2  |
| 119 | 31.2  | 25.6  | 38.4  |



#65

Chlorobenzene

Concen: 81.844 ug/l

RT: 8.802 min Scan# 2414

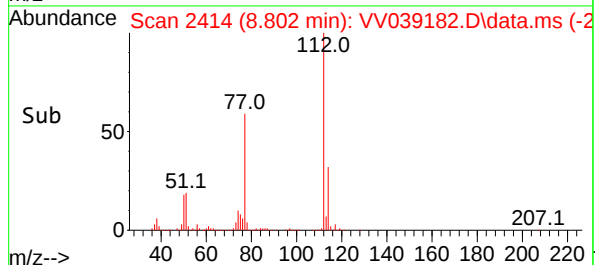
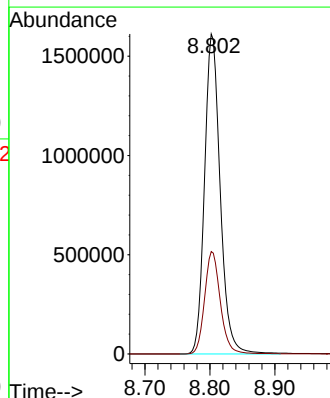
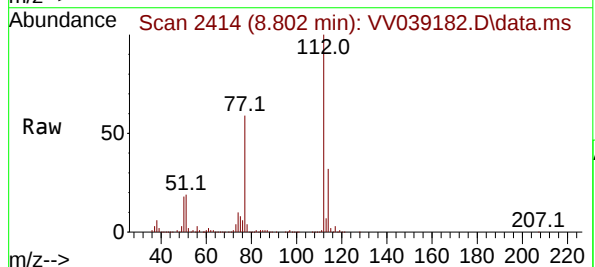
Delta R.T. -0.000 min

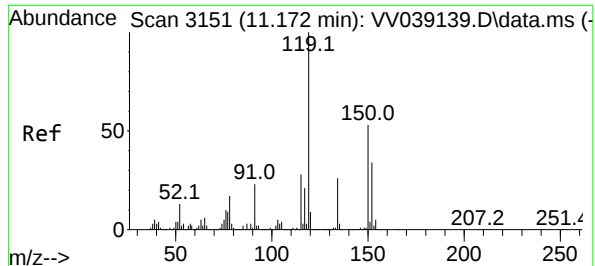
Lab File: VV039182.D

Acq: 25 Sep 2025 15:33

Tgt Ion:112 Resp: 2711601

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 114 | 32.0  | 24.6  | 37.0  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039182.D

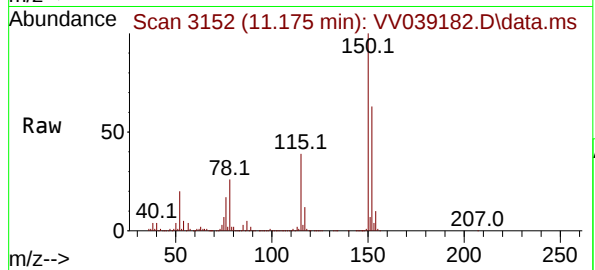
Acq: 25 Sep 2025 15:33

Instrument :

MSVOA\_V

ClientSampleId :

FW7DDL



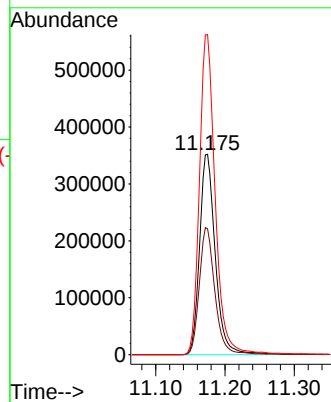
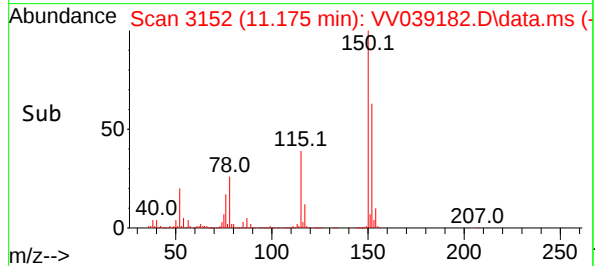
Tgt Ion:152 Resp: 556145

Ion Ratio Lower Upper

152 100

115 62.8 44.8 134.4

150 159.7 0.0 353.8



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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
 Data File : VV039158.D  
 Acq On : 24 Sep 2025 17:22  
 Operator : SY/MD  
 Sample : Q3172-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 FW6D

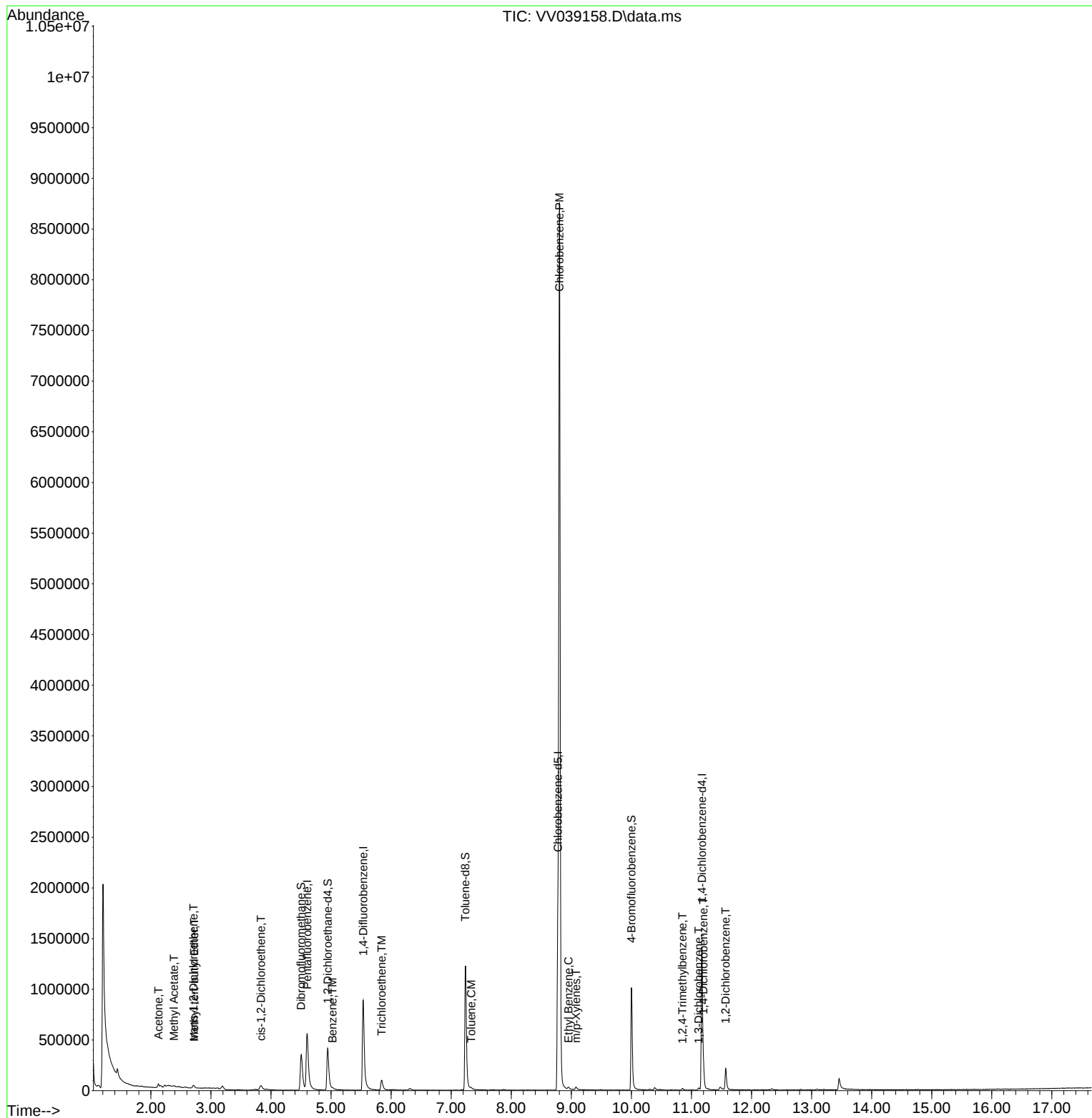
Quant Time: Sep 25 08:19:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

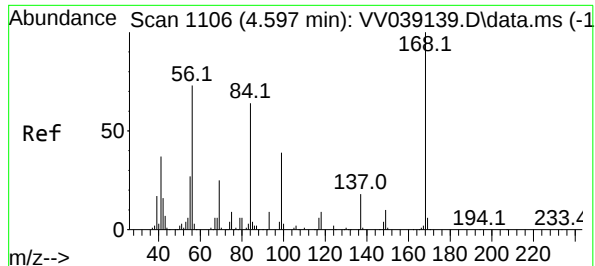
| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 4.603  | 168   | 463506   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 5.535  | 114   | 853323   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 8.776  | 117   | 809313   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.175 | 152   | 359745   | 50.000   | ug/l       | 0.00     |
|                              |        |       |          |          |            |          |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 4.944  | 65    | 368800   | 54.977   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 81 - 118 | Recovery | = 109.960% |          |
| 35) Dibromofluoromethane     | 4.503  | 113   | 296563   | 43.231   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 80 - 119 | Recovery | = 86.460%  |          |
| 50) Toluene-d8               | 7.236  | 98    | 901302   | 44.734   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 89 - 112 | Recovery | = 89.460%  |          |
| 62) 4-Bromofluorobenzene     | 10.001 | 95    | 349650   | 42.155   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 85 - 114 | Recovery | = 84.320%# |          |
|                              |        |       |          |          |            |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 16) Acetone                  | 2.127  | 43    | 44393    | 5.862    | ug/l       | 97       |
| 18) Methyl Acetate           | 2.384  | 43    | 11727    | 1.180    | ug/l #     | 89       |
| 19) Methyl tert-butyl Ether  | 2.722  | 73    | 9069     | 0.407    | ug/l       | 95       |
| 21) trans-1,2-Dichloroethene | 2.709  | 96    | 9864     | 1.326    | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 3.835  | 96    | 21585    | 2.631    | ug/l       | 91       |
| 40) Benzene                  | 5.024  | 78    | 15483    | 0.458    | ug/l       | 98       |
| 44) Trichloroethene          | 5.844  | 130   | 41729    | 5.354    | ug/l       | 93       |
| 52) Toluene                  | 7.333  | 92    | 9747     | 0.498    | ug/l       | 97       |
| 65) Chlorobenzene            | 8.802  | 112   | 4564932  | 202.500  | ug/l       | 97       |
| 67) Ethyl Benzene            | 8.953  | 91    | 16758    | 0.491    | ug/l       | 96       |
| 68) m/p-Xylenes              | 9.082  | 106   | 10142    | 0.770    | ug/l       | 89       |
| 84) 1,2,4-Trimethylbenzene   | 10.850 | 105   | 10972    | 0.521    | ug/l       | 94       |
| 87) 1,3-Dichlorobenzene      | 11.120 | 146   | 7410     | 0.541    | ug/l       | 95       |
| 88) 1,4-Dichlorobenzene      | 11.201 | 146   | 91622    | 6.096    | ug/l       | 98       |
| 91) 1,2-Dichlorobenzene      | 11.571 | 146   | 84138    | 6.573    | ug/l       | 98       |
| -----                        |        |       |          |          |            |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
FW6D

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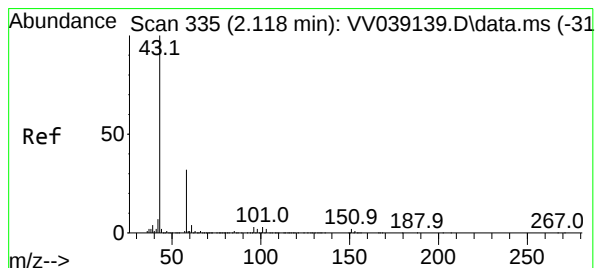
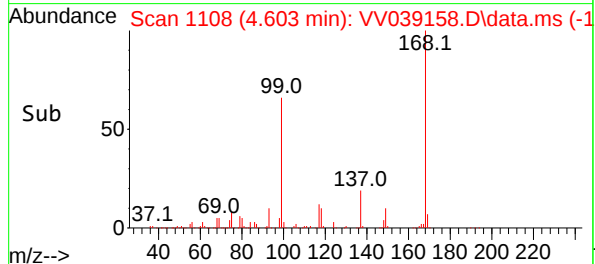
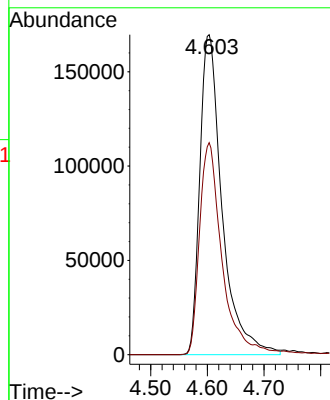
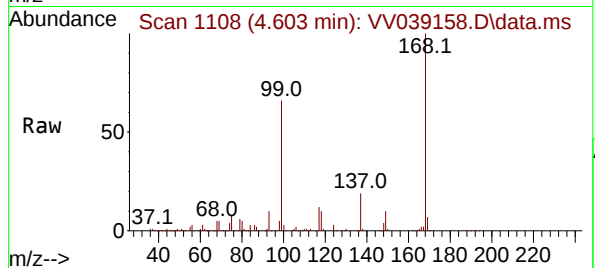




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.603 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VV039158.D  
Acq: 24 Sep 2025 17:22

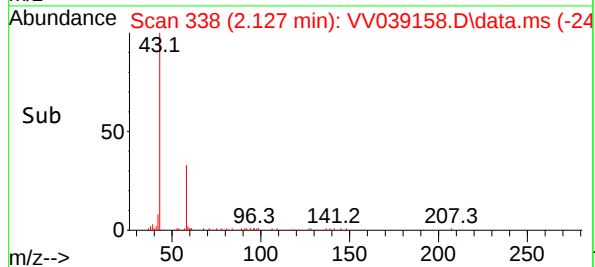
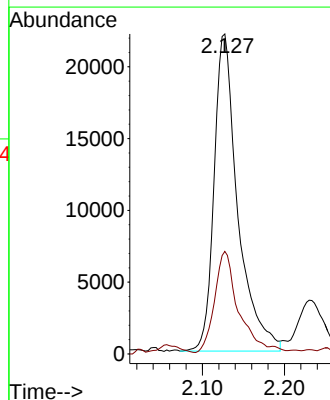
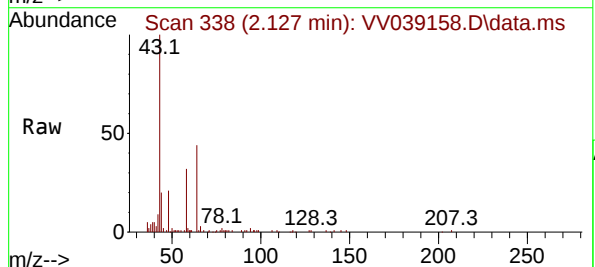
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6D

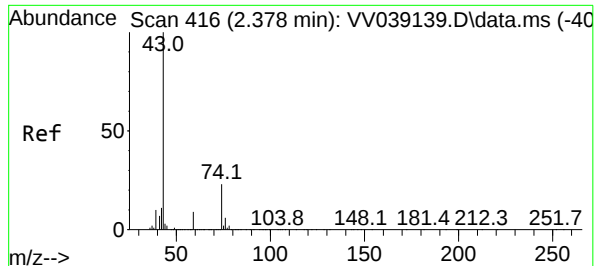
Tgt Ion:168 Resp: 463506  
Ion Ratio Lower Upper  
168 100  
99 66.3 49.6 74.4



#16  
Acetone  
Concen: 5.862 ug/l  
RT: 2.127 min Scan# 338  
Delta R.T. 0.009 min  
Lab File: VV039158.D  
Acq: 24 Sep 2025 17:22

Tgt Ion: 43 Resp: 44393  
Ion Ratio Lower Upper  
43 100  
58 30.7 25.8 38.6





#18

Methyl Acetate

Concen: 1.180 ug/l

RT: 2.384 min Scan# 416

Delta R.T. 0.006 min

Lab File: VV039158.D

Acq: 24 Sep 2025 17:22

Instrument :

MSVOA\_V

ClientSampleId :

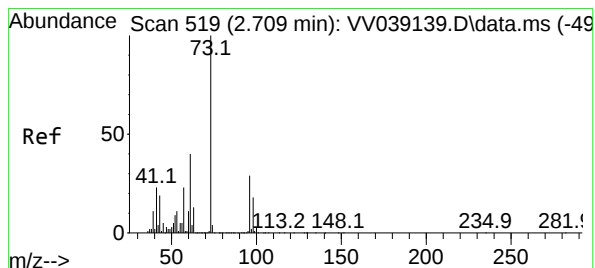
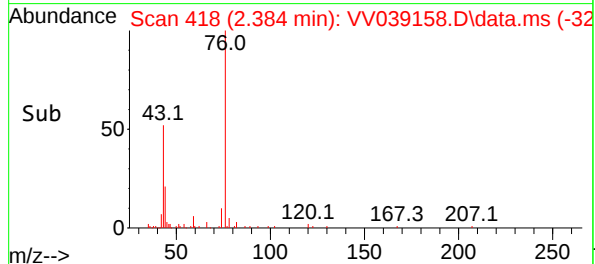
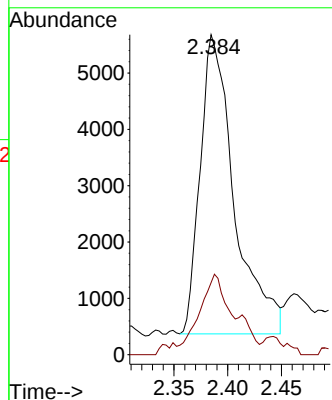
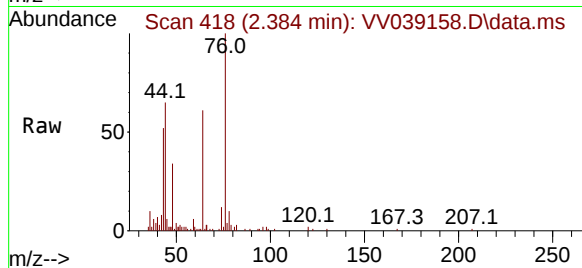
FW6D

Tgt Ion: 43 Resp: 11727

Ion Ratio Lower Upper

43 100

74 18.0 18.6 27.8#



#19

Methyl tert-butyl Ether

Concen: 0.407 ug/l

RT: 2.722 min Scan# 523

Delta R.T. 0.013 min

Lab File: VV039158.D

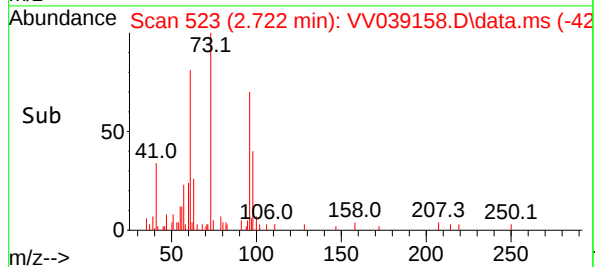
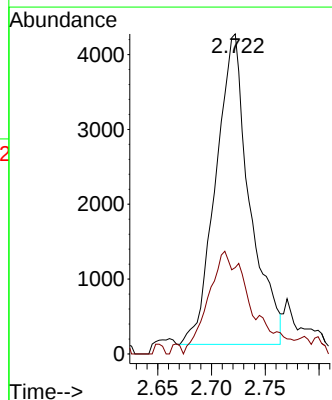
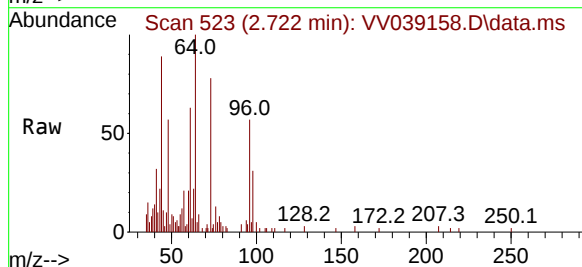
Acq: 24 Sep 2025 17:22

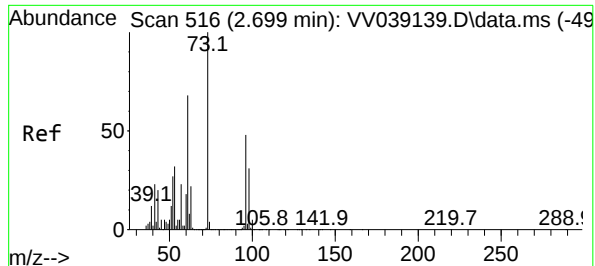
Tgt Ion: 73 Resp: 9069

Ion Ratio Lower Upper

73 100

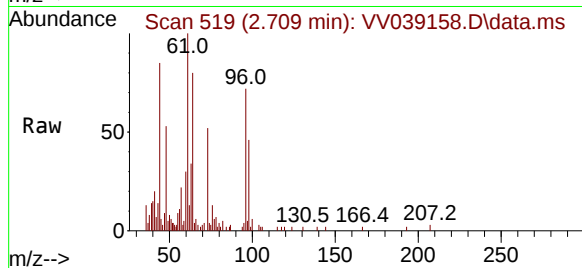
57 25.2 18.2 27.4



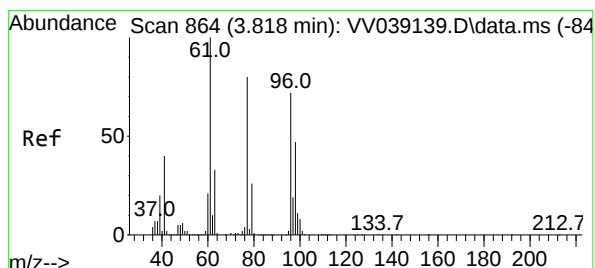
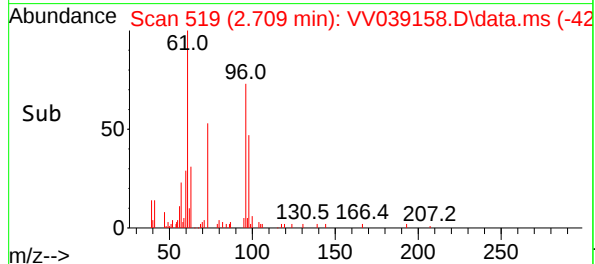
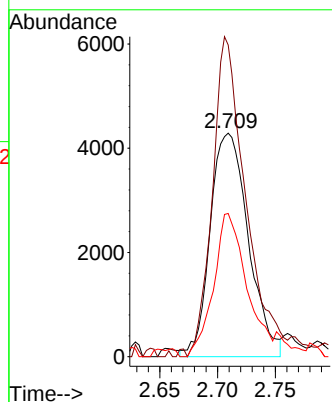


#21  
trans-1,2-Dichloroethene  
Concen: 1.326 ug/l  
RT: 2.709 min Scan# 516  
Delta R.T. 0.010 min  
Lab File: VV039158.D  
Acq: 24 Sep 2025 17:22

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6D

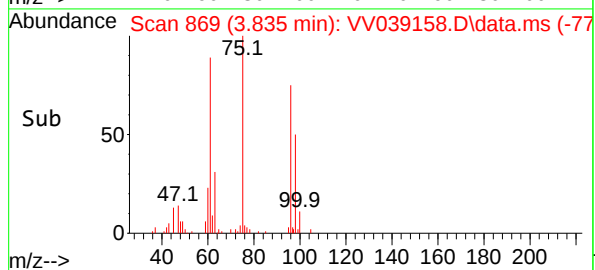
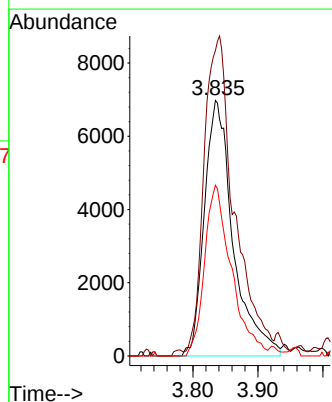
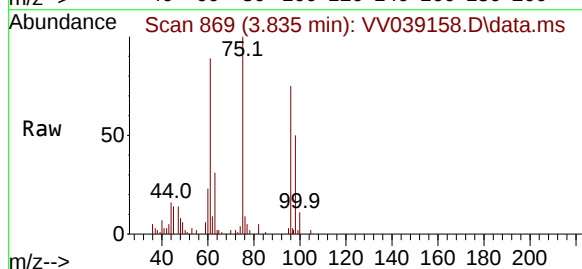


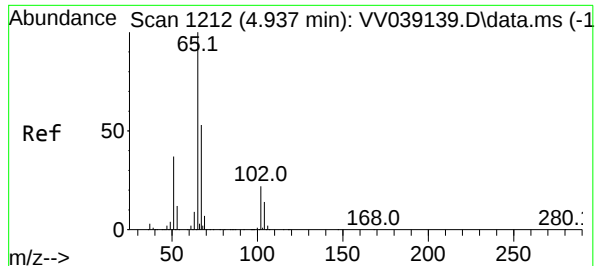
Tgt Ion: 96 Resp: 9864  
Ion Ratio Lower Upper  
96 100  
61 140.1 112.8 169.2  
98 65.9 51.1 76.7



#27  
cis-1,2-Dichloroethene  
Concen: 2.631 ug/l  
RT: 3.835 min Scan# 869  
Delta R.T. 0.016 min  
Lab File: VV039158.D  
Acq: 24 Sep 2025 17:22

Tgt Ion: 96 Resp: 21585  
Ion Ratio Lower Upper  
96 100  
61 127.5 0.0 286.4  
98 62.1 0.0 126.6





#33

1,2-Dichloroethane-d4

Concen: 54.977 ug/l

RT: 4.944 min Scan# 1212

Delta R.T. 0.006 min

Lab File: VV039158.D

Acq: 24 Sep 2025 17:22

Instrument :

MSVOA\_V

ClientSampleId :

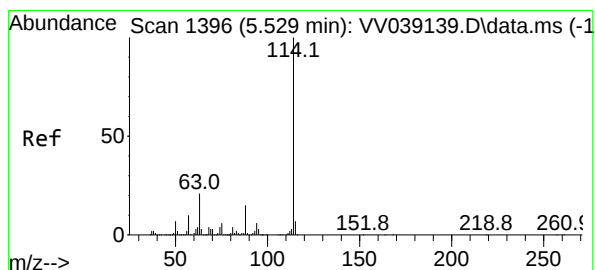
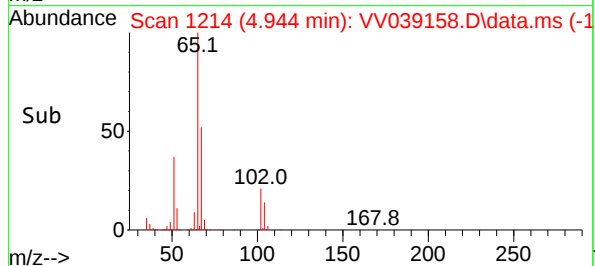
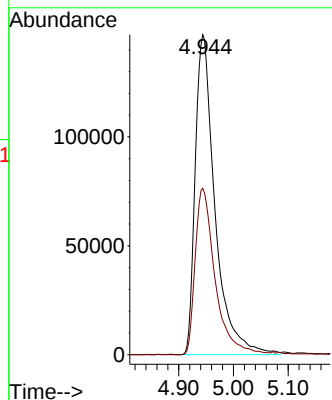
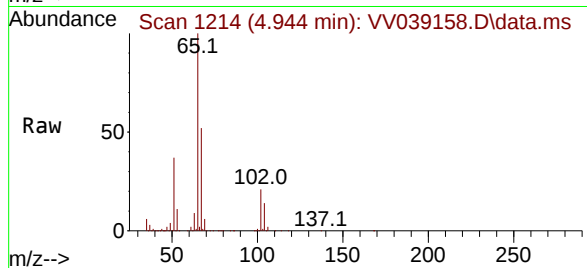
FW6D

Tgt Ion: 65 Resp: 368800

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039158.D

Acq: 24 Sep 2025 17:22

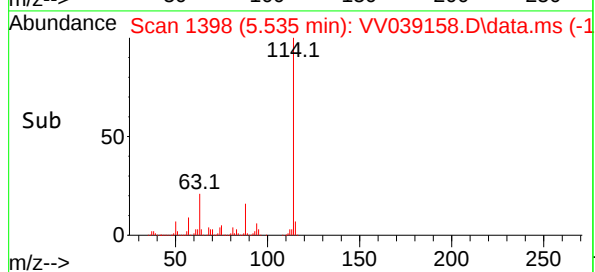
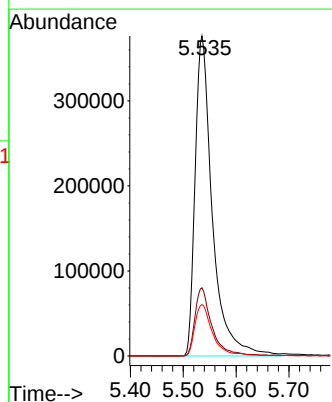
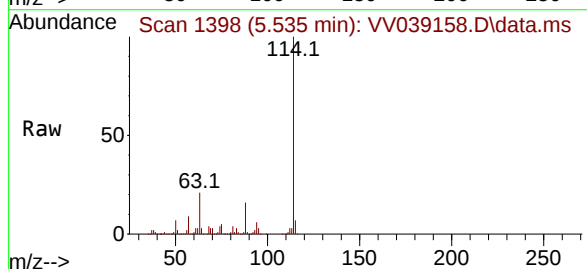
Tgt Ion: 114 Resp: 853323

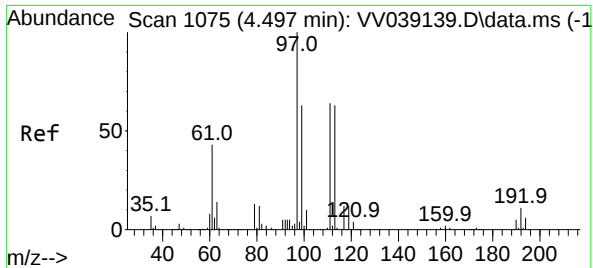
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 16.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 43.231 ug/l

RT: 4.503 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039158.D

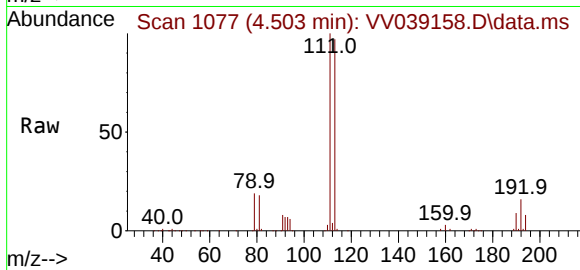
Acq: 24 Sep 2025 17:22

Instrument :

MSVOA\_V

ClientSampleId :

FW6D



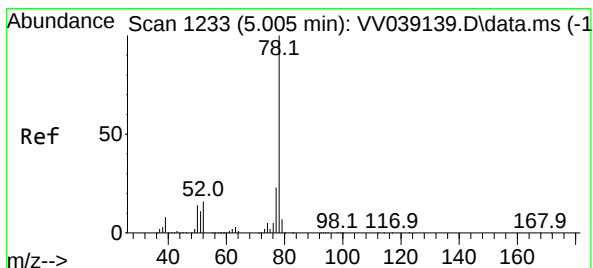
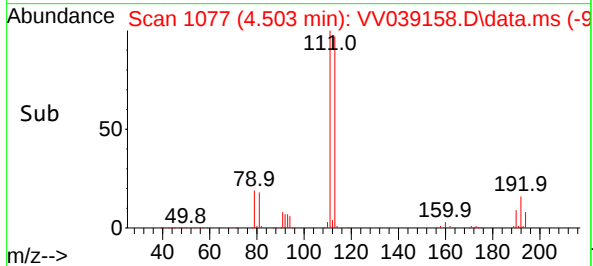
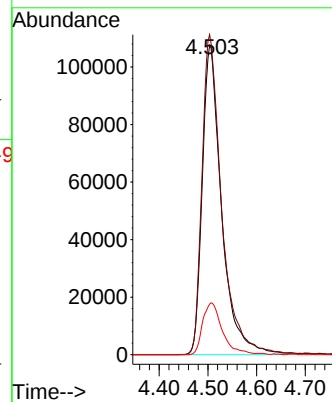
Tgt Ion:113 Resp: 296563

Ion Ratio Lower Upper

113 100

111 105.1 82.4 123.6

192 17.1 13.8 20.8



#40

Benzene

Concen: 0.458 ug/l

RT: 5.024 min Scan# 1239

Delta R.T. 0.019 min

Lab File: VV039158.D

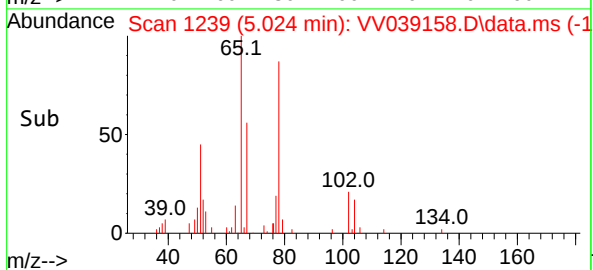
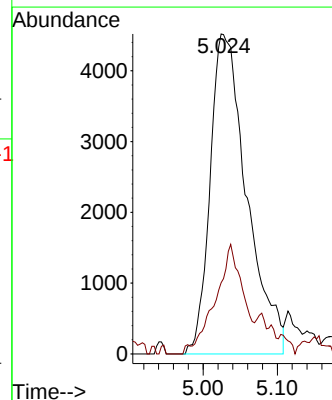
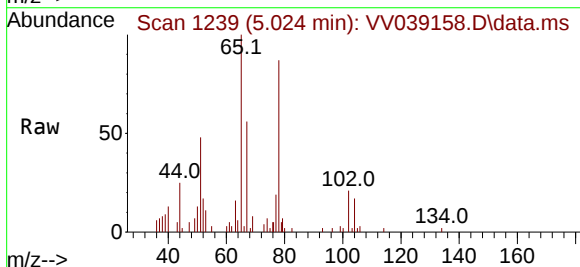
Acq: 24 Sep 2025 17:22

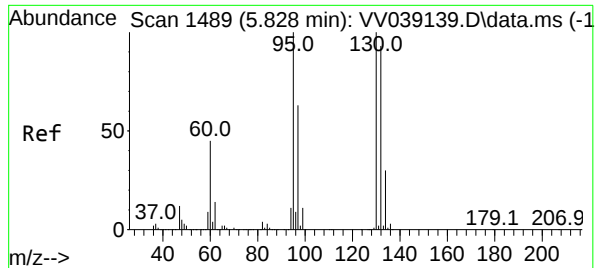
Tgt Ion: 78 Resp: 15483

Ion Ratio Lower Upper

78 100

77 22.2 18.7 28.1

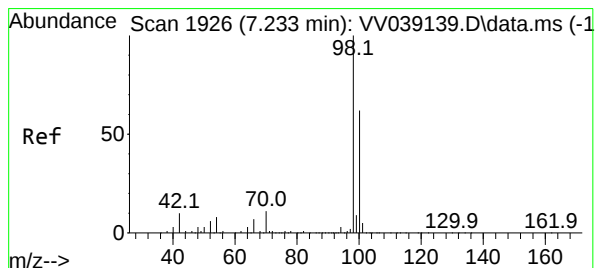
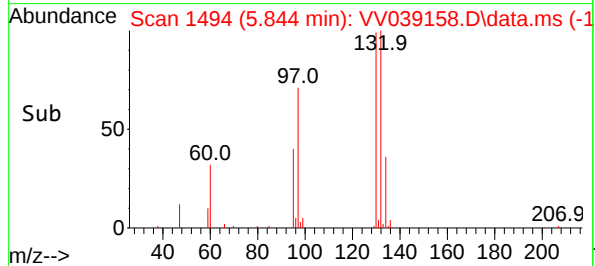
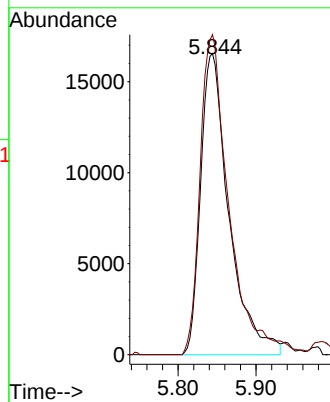
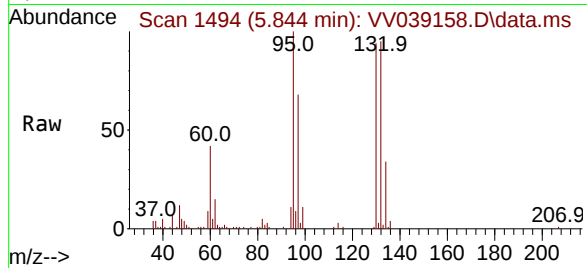




#44  
 Trichloroethene  
 Concen: 5.354 ug/l  
 RT: 5.844 min Scan# 1489  
 Delta R.T. 0.016 min  
 Lab File: VV039158.D  
 Acq: 24 Sep 2025 17:22

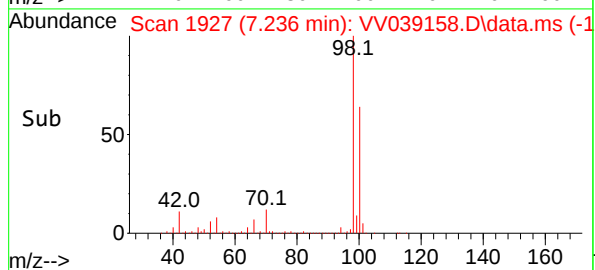
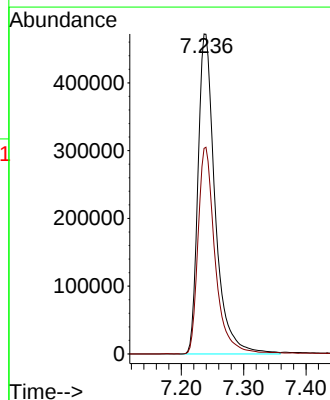
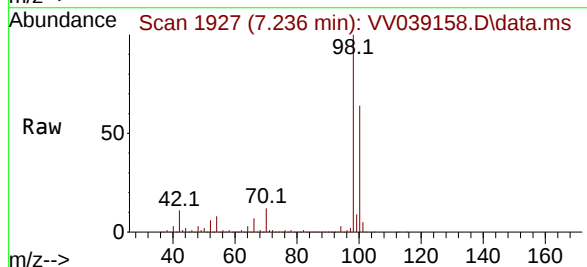
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 FW6D

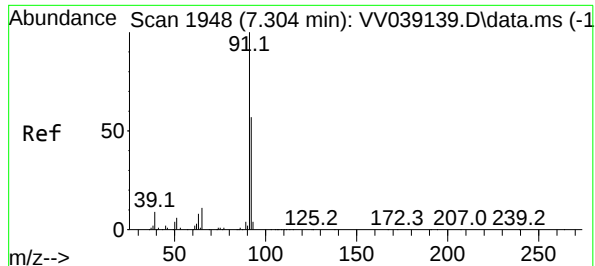
Tgt Ion:130 Resp: 41729  
 Ion Ratio Lower Upper  
 130 100  
 95 106.3 0.0 199.2



#50  
 Toluene-d8  
 Concen: 44.734 ug/l  
 RT: 7.236 min Scan# 1927  
 Delta R.T. 0.003 min  
 Lab File: VV039158.D  
 Acq: 24 Sep 2025 17:22

Tgt Ion: 98 Resp: 901302  
 Ion Ratio Lower Upper  
 98 100  
 100 63.7 52.2 78.2

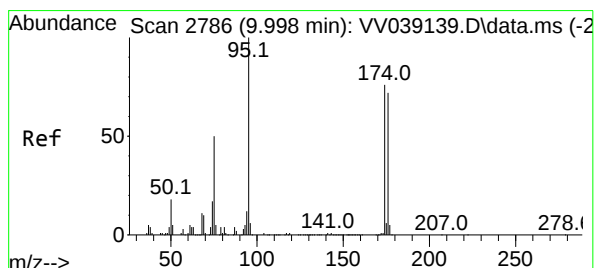
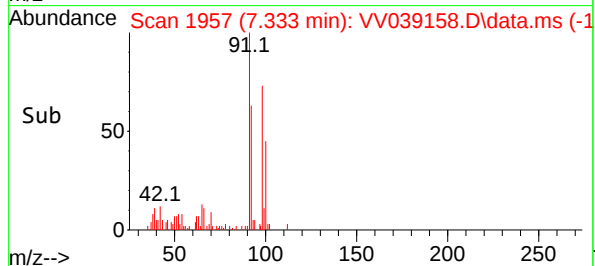
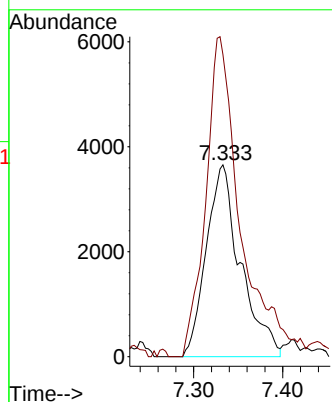
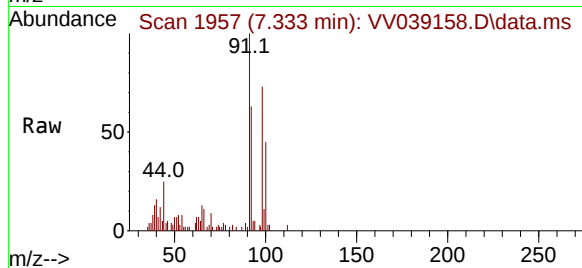




#52  
Toluene  
Concen: 0.498 ug/l  
RT: 7.333 min Scan# 1948  
Delta R.T. 0.029 min  
Lab File: VV039158.D  
Acq: 24 Sep 2025 17:22

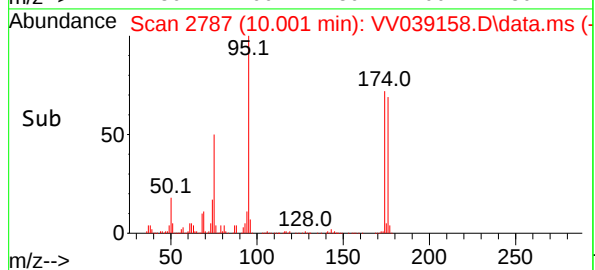
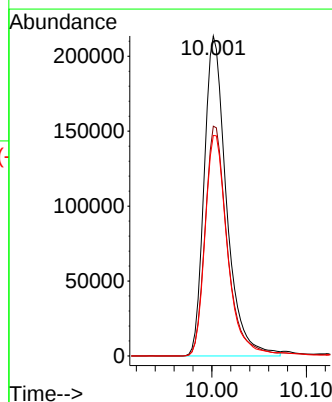
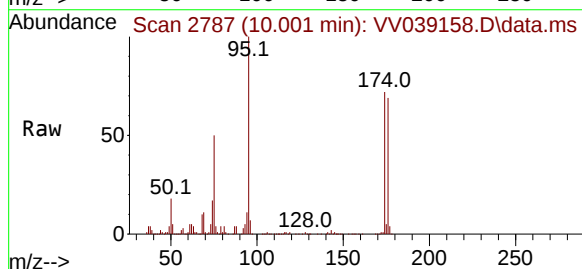
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6D

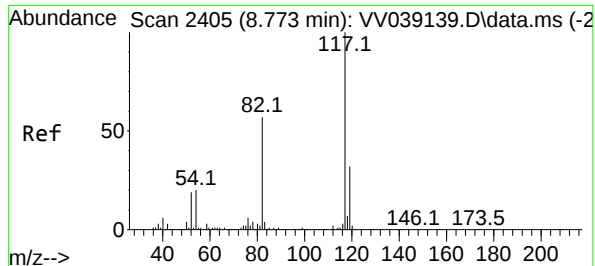
Tgt Ion: 92 Resp: 9747  
Ion Ratio Lower Upper  
92 100  
91 169.6 139.2 208.8



#62  
4-Bromofluorobenzene  
Concen: 42.155 ug/l  
RT: 10.001 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VV039158.D  
Acq: 24 Sep 2025 17:22

Tgt Ion: 95 Resp: 349650  
Ion Ratio Lower Upper  
95 100  
174 71.6 0.0 150.4  
176 70.2 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039158.D

Acq: 24 Sep 2025 17:22

Instrument :

MSVOA\_V

ClientSampleId :

FW6D

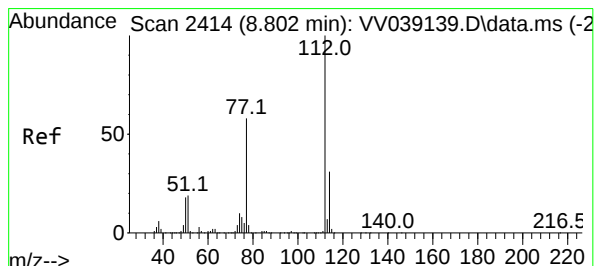
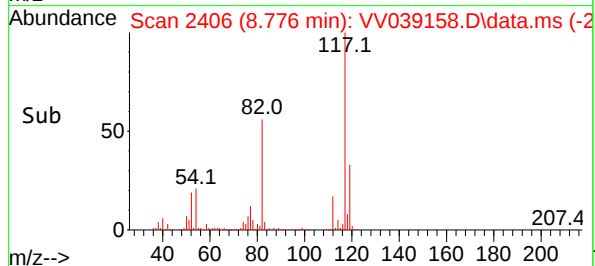
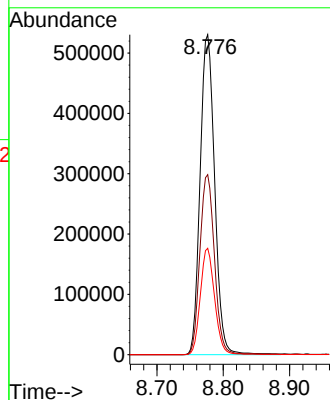
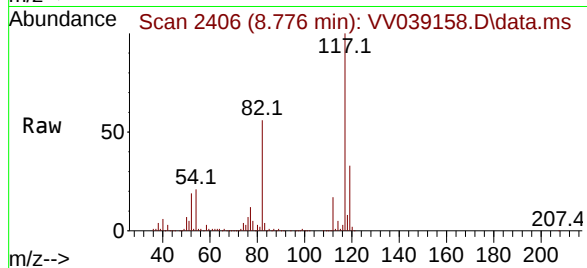
Tgt Ion:117 Resp: 809313

Ion Ratio Lower Upper

117 100

82 56.2 45.4 68.2

119 33.2 25.6 38.4



#65

Chlorobenzene

Concen: 202.500 ug/l

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV039158.D

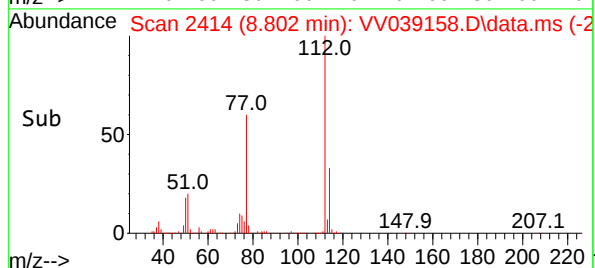
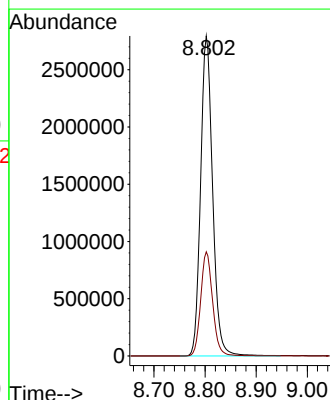
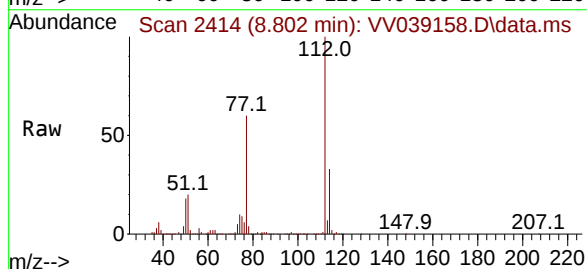
Acq: 24 Sep 2025 17:22

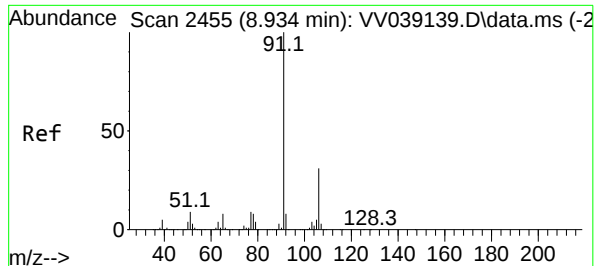
Tgt Ion:112 Resp: 4564932

Ion Ratio Lower Upper

112 100

114 32.6 24.6 37.0





#67

Ethyl Benzene

Concen: 0.491 ug/l

RT: 8.953 min Scan# 2455

Delta R.T. 0.019 min

Lab File: VV039158.D

Acq: 24 Sep 2025 17:22

Instrument :

MSVOA\_V

ClientSampleId :

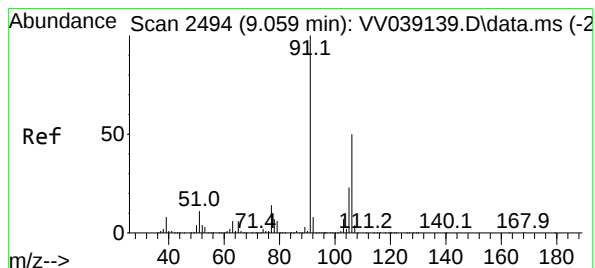
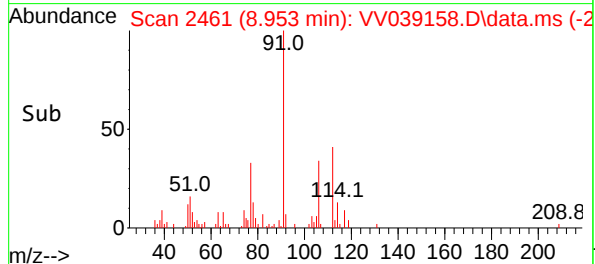
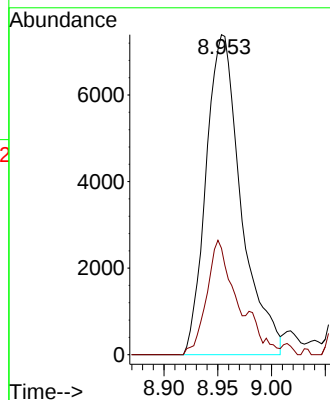
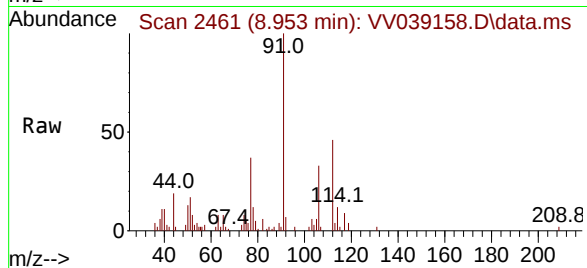
FW6D

Tgt Ion: 91 Resp: 16758

Ion Ratio Lower Upper

91 100

106 33.3 24.6 37.0



#68

m/p-Xylenes

Concen: 0.770 ug/l

RT: 9.082 min Scan# 2501

Delta R.T. 0.023 min

Lab File: VV039158.D

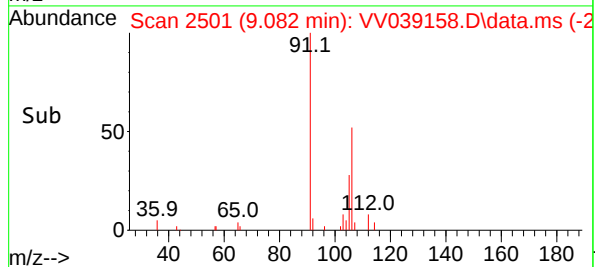
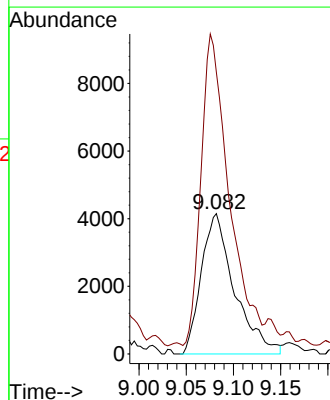
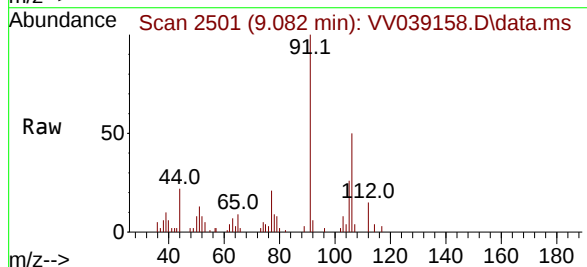
Acq: 24 Sep 2025 17:22

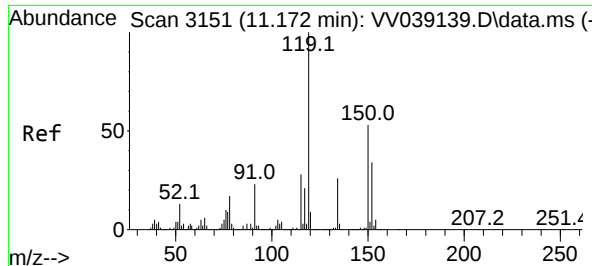
Tgt Ion: 106 Resp: 10142

Ion Ratio Lower Upper

106 100

91 186.5 162.5 243.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VV039158.D

Acq: 24 Sep 2025 17:22

Instrument :

MSVOA\_V

ClientSampleId :

FW6D

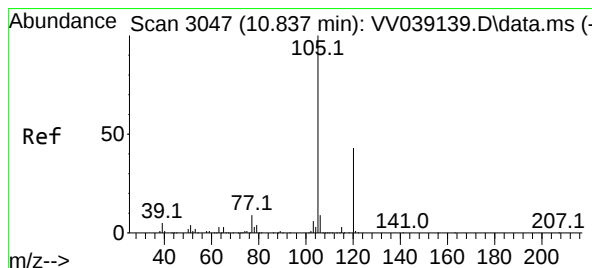
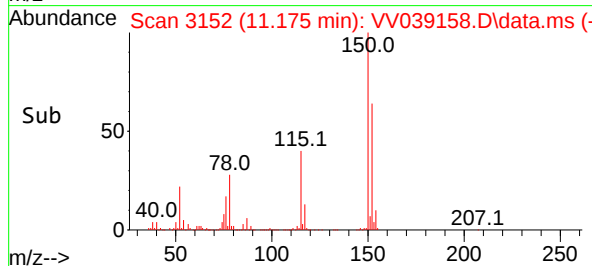
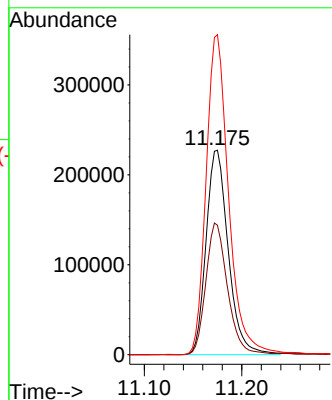
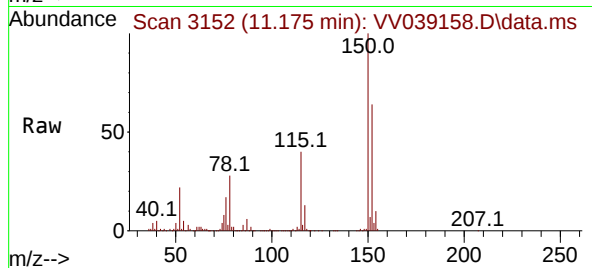
Tgt Ion:152 Resp: 359745

Ion Ratio Lower Upper

152 100

115 62.9 44.8 134.4

150 159.3 0.0 353.8



#84

1,2,4-Trimethylbenzene

Concen: 0.521 ug/l

RT: 10.850 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VV039158.D

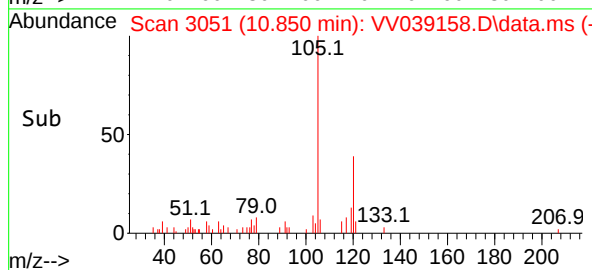
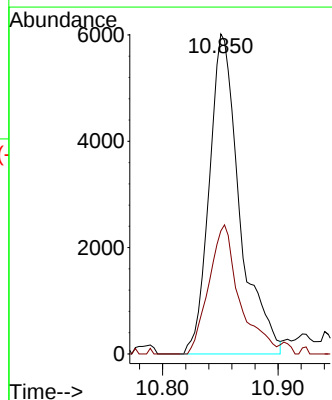
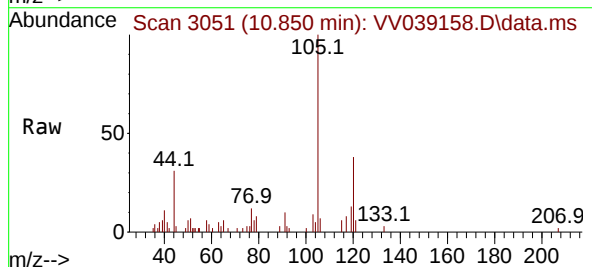
Acq: 24 Sep 2025 17:22

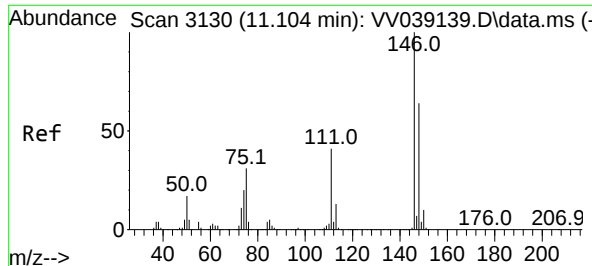
Tgt Ion:105 Resp: 10972

Ion Ratio Lower Upper

105 100

120 40.9 22.4 67.2





#87

1,3-Dichlorobenzene

Concen: 0.541 ug/l

RT: 11.120 min Scan# 3130

Delta R.T. 0.016 min

Lab File: VV039158.D

Acq: 24 Sep 2025 17:22

Instrument :

MSVOA\_V

ClientSampleId :

FW6D

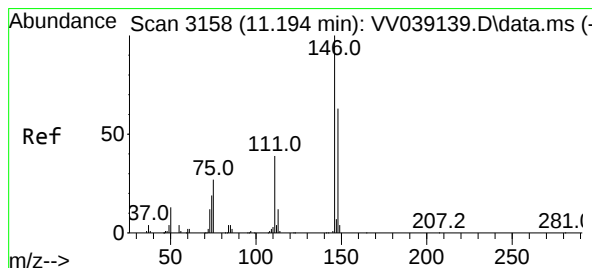
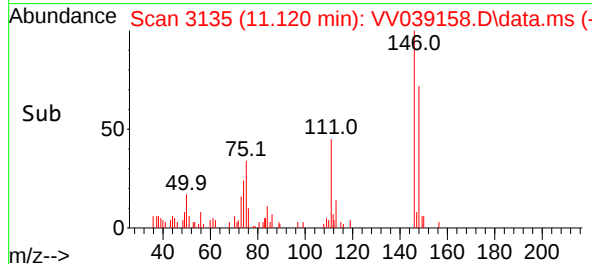
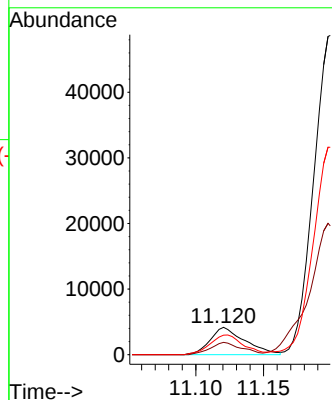
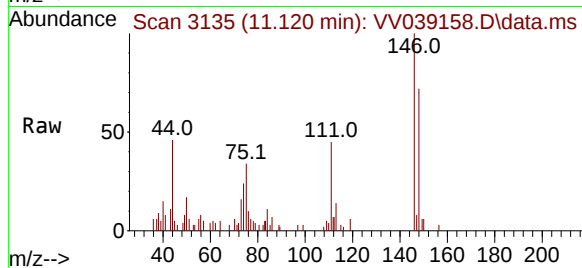
Tgt Ion:146 Resp: 7410

Ion Ratio Lower Upper

146 100

111 40.7 20.9 62.8

148 69.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 6.096 ug/l

RT: 11.201 min Scan# 3160

Delta R.T. 0.006 min

Lab File: VV039158.D

Acq: 24 Sep 2025 17:22

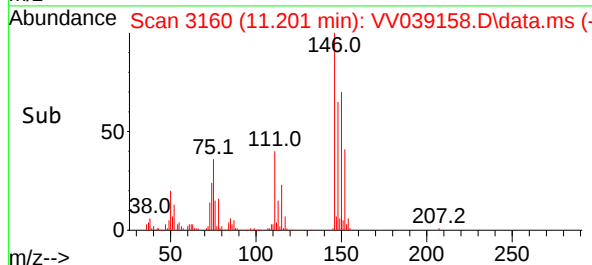
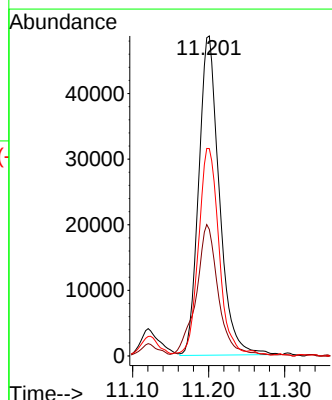
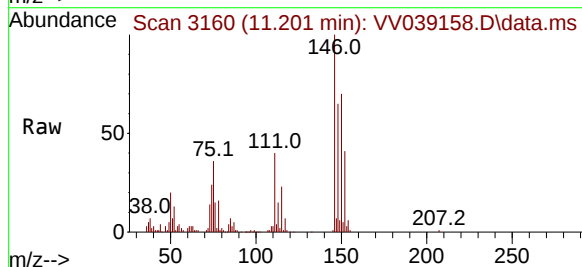
Tgt Ion:146 Resp: 91622

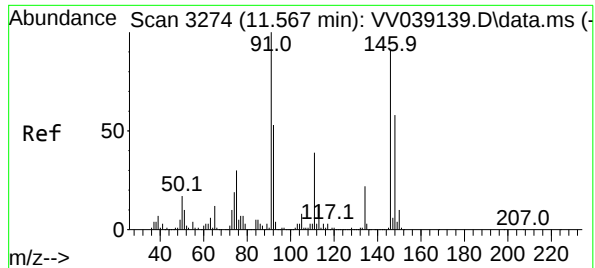
Ion Ratio Lower Upper

146 100

111 43.7 20.3 60.8

148 62.7 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 6.573 ug/l

RT: 11.571 min Scan# 31

Delta R.T. 0.004 min

Lab File: VV039158.D

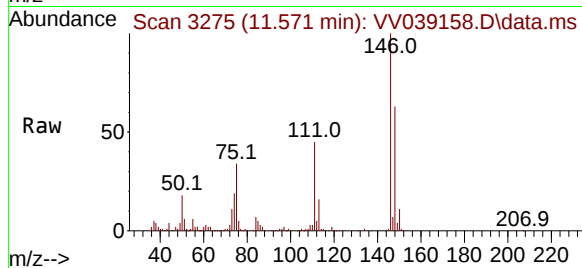
Acq: 24 Sep 2025 17:22

Instrument :

MSVOA\_V

ClientSampleId :

FW6D



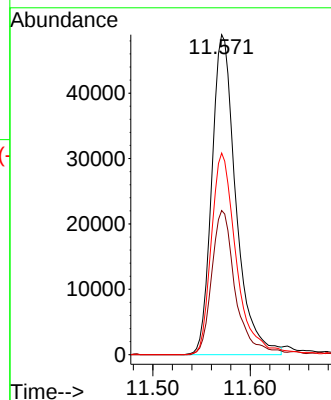
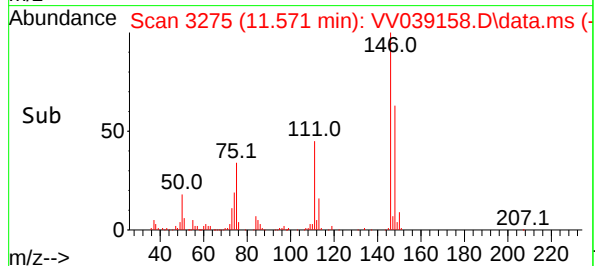
Tgt Ion:146 Resp: 84138

Ion Ratio Lower Upper

146 100

111 44.2 21.5 64.5

148 65.7 31.9 95.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039158.D  
Acq On : 24 Sep 2025 17:22  
Operator : SY/MD  
Sample : Q3172-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6D

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Title : SW846 8260

Signal : TIC: VV039158.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.204       | 38            | 51          | 120          | rBV      | 2009539        | 7653109       | 46.11%          | 20.565%       |
| 2         | 4.503       | 1057          | 1077        | 1095         | rBV3     | 351680         | 934671        | 5.63%           | 2.512%        |
| 3         | 4.600       | 1096          | 1107        | 1145         | rVB2     | 549795         | 1503260       | 9.06%           | 4.039%        |
| 4         | 4.944       | 1199          | 1214        | 1253         | rBV      | 410611         | 1047523       | 6.31%           | 2.815%        |
| 5         | 5.535       | 1383          | 1398        | 1434         | rBV      | 885627         | 2048035       | 12.34%          | 5.503%        |
| 6         | 5.844       | 1482          | 1494        | 1520         | rBV2     | 95461          | 239561        | 1.44%           | 0.644%        |
| 7         | 7.240       | 1917          | 1928        | 1952         | rBV      | 1222103        | 2336147       | 14.08%          | 6.278%        |
| 8         | 8.802       | 2395          | 2414        | 2451         | rBV2     | 8754175        | 16597615      | 100.00%         | 44.600%       |
| 9         | 10.001      | 2777          | 2787        | 2819         | rBV      | 1011287        | 1692028       | 10.19%          | 4.547%        |
| 10        | 11.175      | 3142          | 3152        | 3178         | rBV2     | 1398149        | 2539408       | 15.30%          | 6.824%        |
| 11        | 11.571      | 3265          | 3275        | 3297         | rVB      | 207220         | 356881        | 2.15%           | 0.959%        |
| 12        | 13.458      | 3848          | 3862        | 3881         | rBV4     | 111880         | 266197        | 1.60%           | 0.715%        |

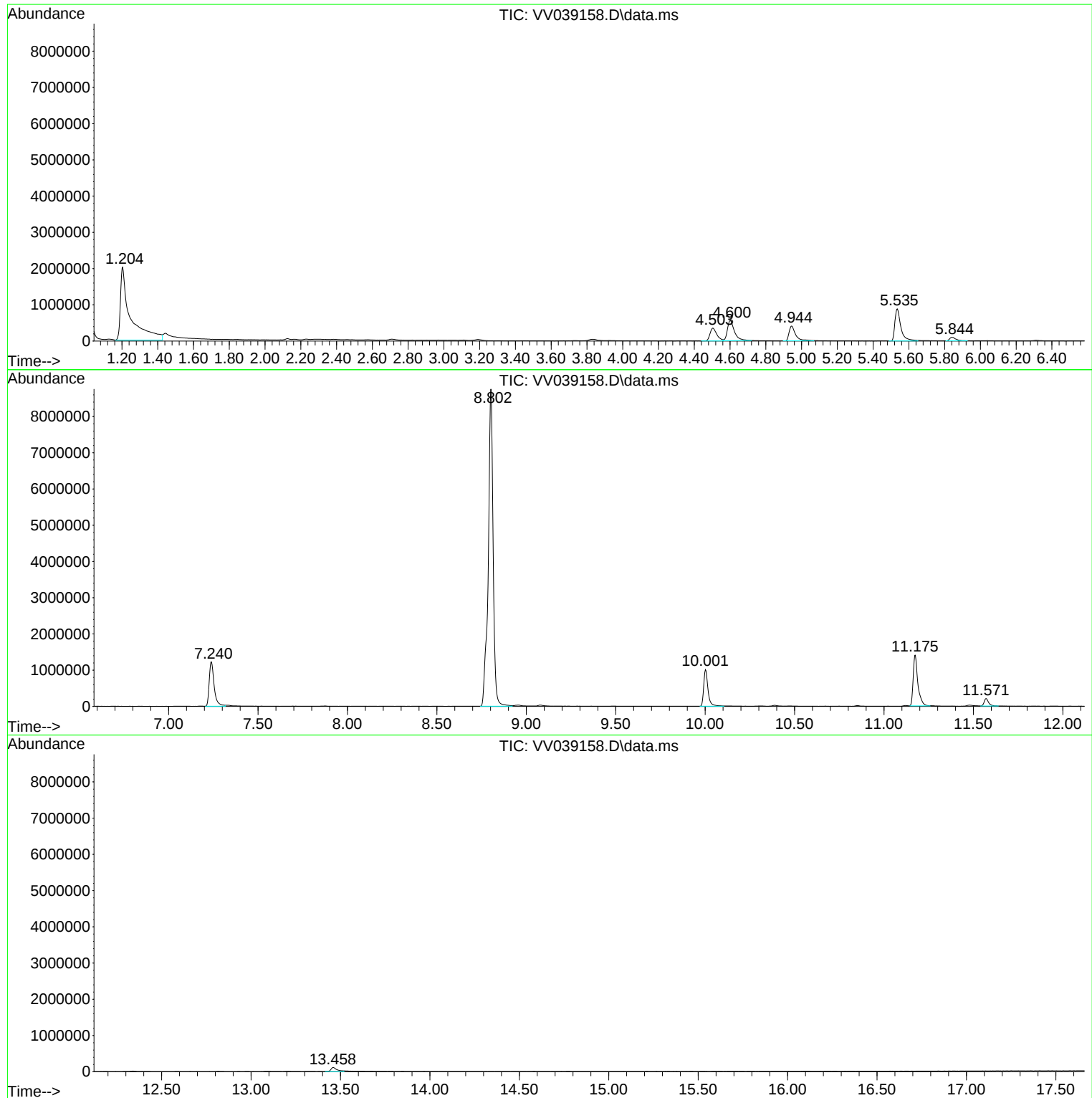
Sum of corrected areas: 37214435

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039158.D  
Acq On : 24 Sep 2025 17:22  
Operator : SY/MD  
Sample : Q3172-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039158.D  
Acq On : 24 Sep 2025 17:22  
Operator : SY/MD  
Sample : Q3172-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

5

A

B

C

D

E

F

G

H

I

J

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039158.D  
Acq On : 24 Sep 2025 17:22  
Operator : SY/MD  
Sample : Q3172-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039180.D  
Acq On : 25 Sep 2025 14:48  
Operator : SY/MD  
Sample : Q3172-02DL 4X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6DDL

Quant Time: Sep 26 01:29:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

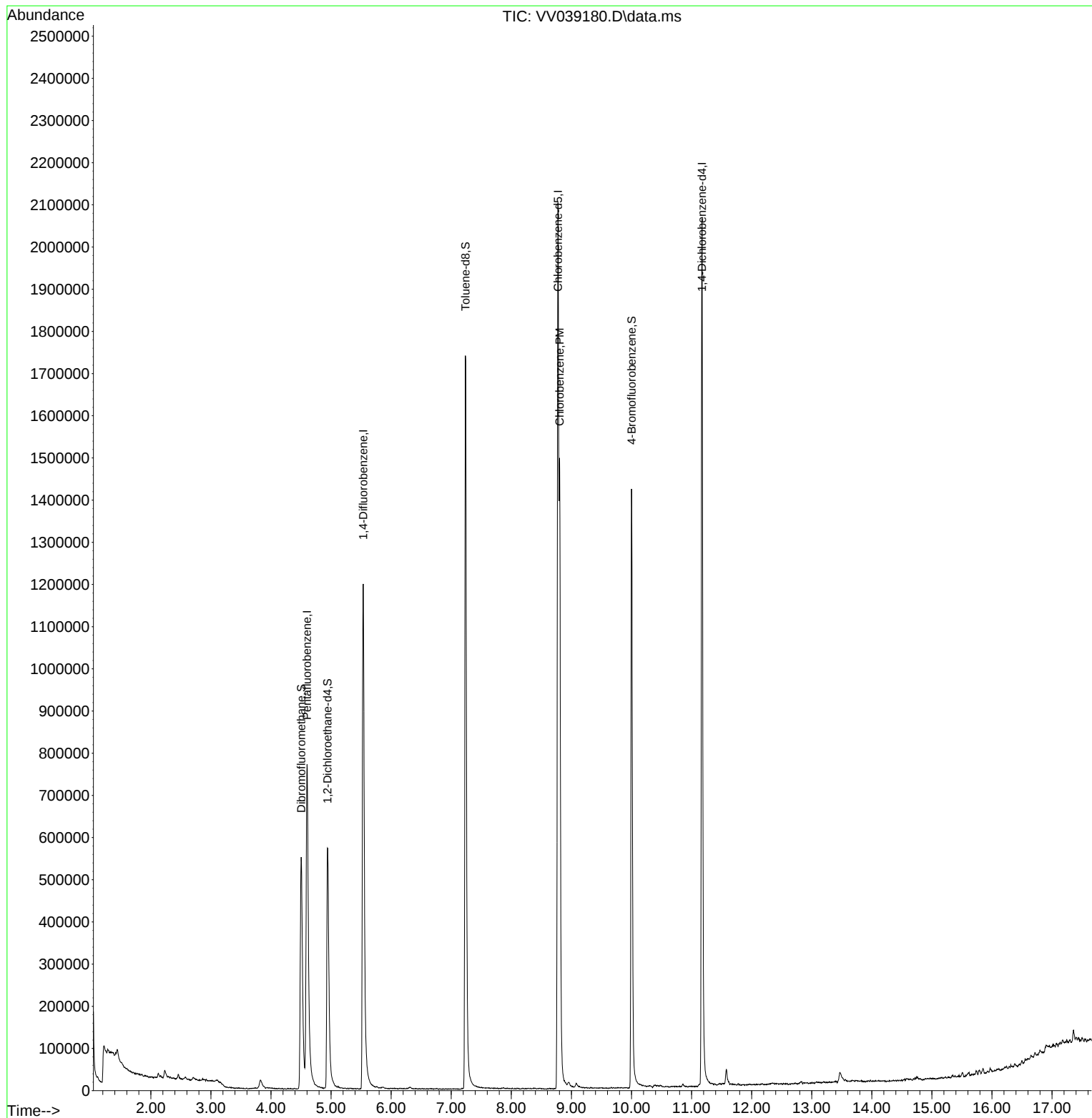
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 4.600  | 168   | 642311   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 5.535  | 114   | 1161576  | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 8.776  | 117   | 1114736  | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.175 | 152   | 523929   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 4.941  | 65    | 525802   | 56.561   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | =     | 113.120%  |
| 35) Dibromofluoromethane    | 4.503  | 113   | 458522   | 49.102   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | =     | 98.200%   |
| 50) Toluene-d8              | 7.236  | 98    | 1241276  | 45.259   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | =     | 90.520%   |
| 62) 4-Bromofluorobenzene    | 10.001 | 95    | 505982   | 44.814   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | =     | 89.620%   |
| Target Compounds            |        |       |          |          |       |           |
| 65) Chlorobenzene           | 8.805  | 112   | 791007   | 25.475   | ug/l  | Qvalue 98 |

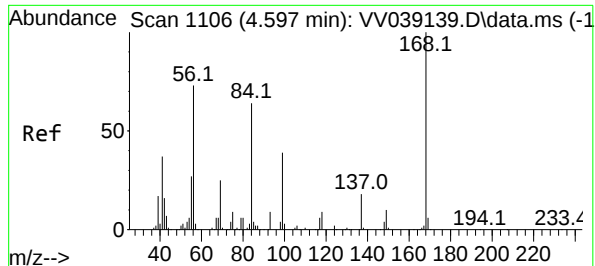
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039180.D  
Acq On : 25 Sep 2025 14:48  
Operator : SY/MD  
Sample : Q3172-02DL 4X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6DDL

Quant Time: Sep 26 01:29:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

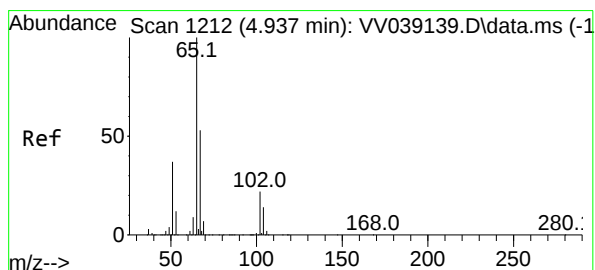
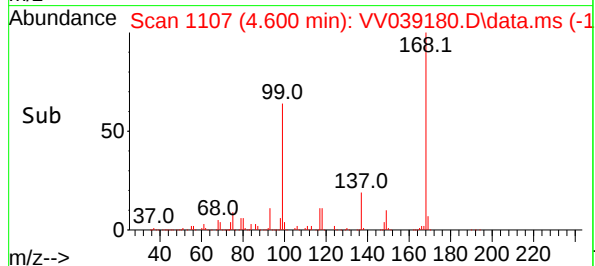
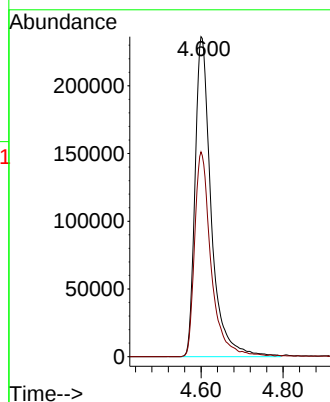
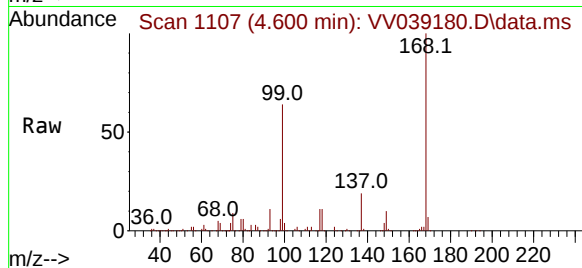




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.600 min Scan# 1106  
Delta R.T. 0.003 min  
Lab File: VV039180.D  
Acq: 25 Sep 2025 14:48

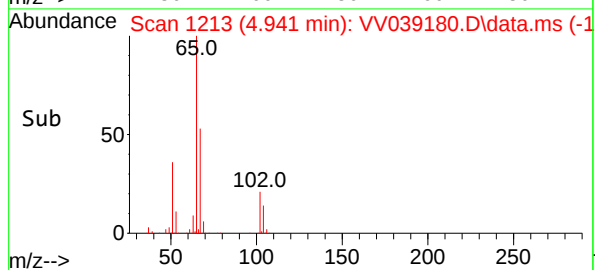
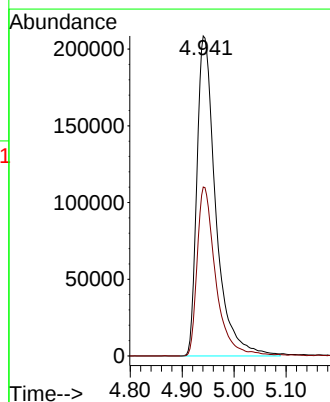
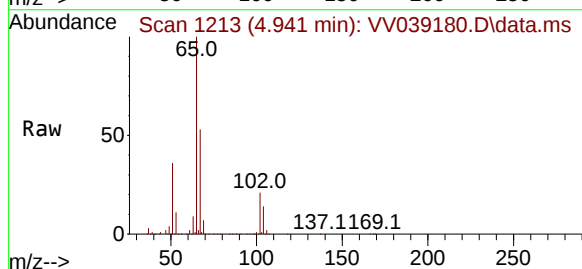
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6DDL

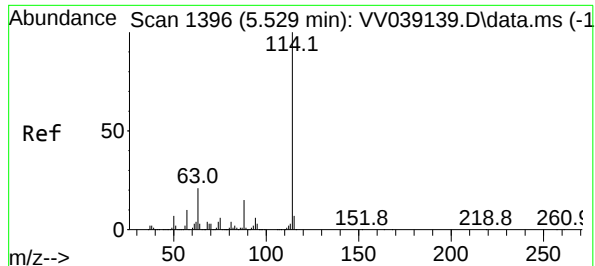
Tgt Ion:168 Resp: 642311  
Ion Ratio Lower Upper  
168 100  
99 64.0 49.6 74.4



#33  
1,2-Dichloroethane-d4  
Concen: 56.561 ug/l  
RT: 4.941 min Scan# 1213  
Delta R.T. 0.003 min  
Lab File: VV039180.D  
Acq: 25 Sep 2025 14:48

Tgt Ion: 65 Resp: 525802  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039180.D

Acq: 25 Sep 2025 14:48

Instrument :

MSVOA\_V

ClientSampleId :

FW6DDL

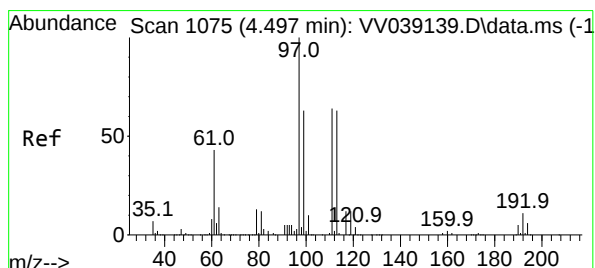
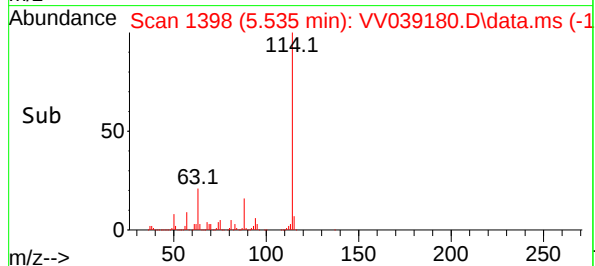
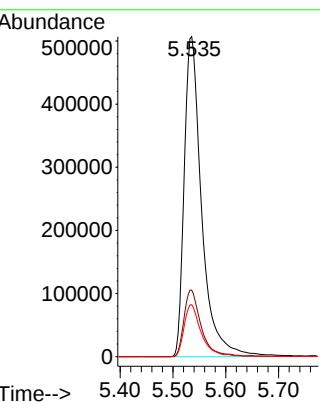
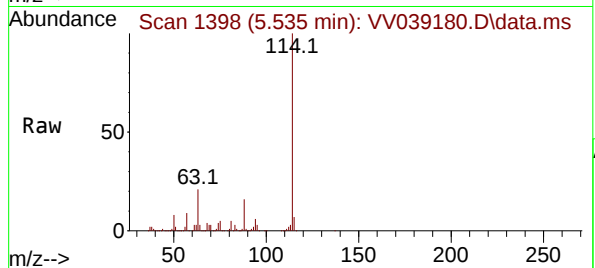
Tgt Ion:114 Resp: 1161576

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.3 0.0 30.8



#35

Dibromofluoromethane

Concen: 49.102 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039180.D

Acq: 25 Sep 2025 14:48

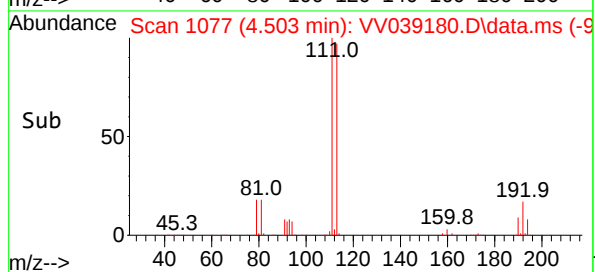
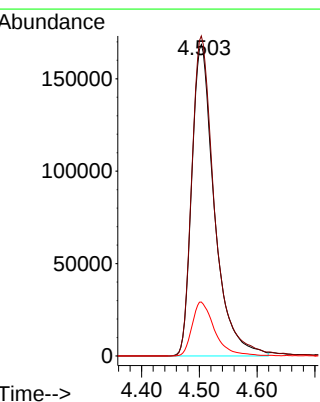
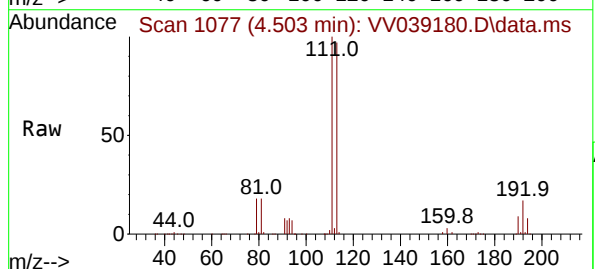
Tgt Ion:113 Resp: 458522

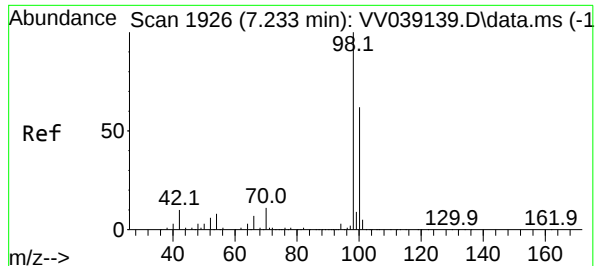
Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 17.3 13.8 20.8

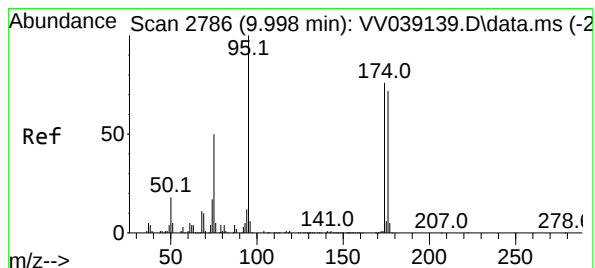
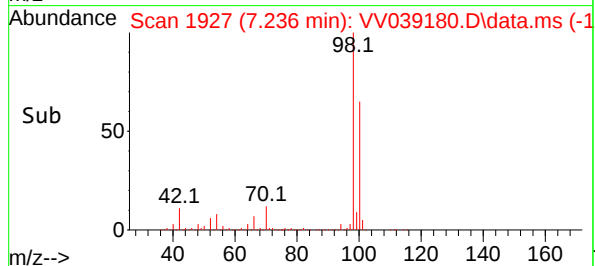
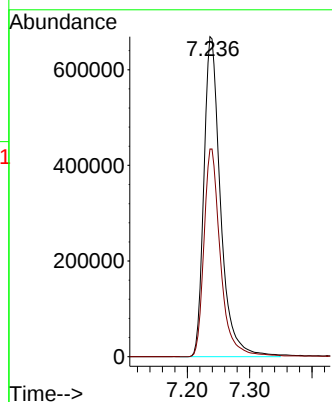
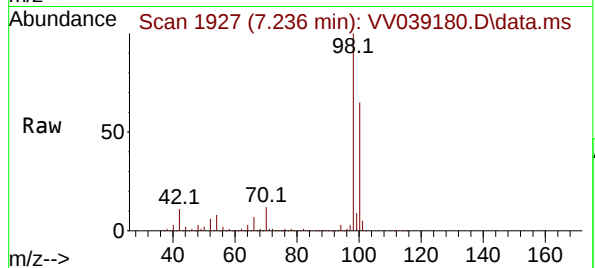




#50  
Toluene-d8  
Concen: 45.259 ug/l  
RT: 7.236 min Scan# 1926  
Delta R.T. 0.003 min  
Lab File: VV039180.D  
Acq: 25 Sep 2025 14:48

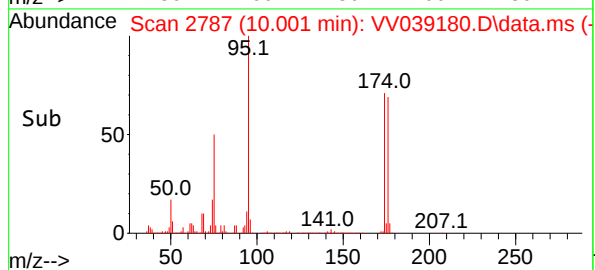
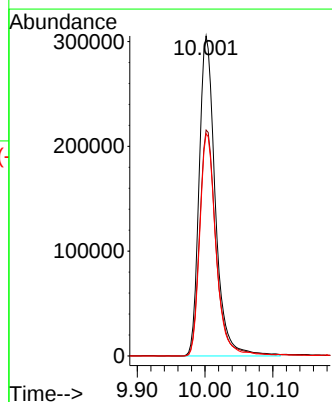
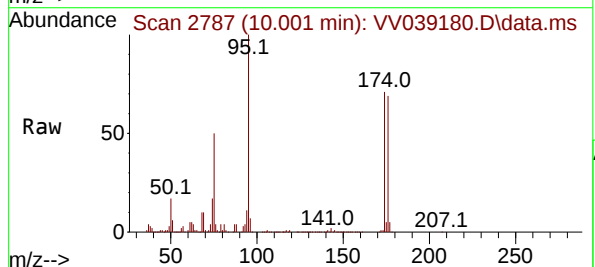
Instrument :  
MSVOA\_V  
ClientSampleId :  
FW6DDL

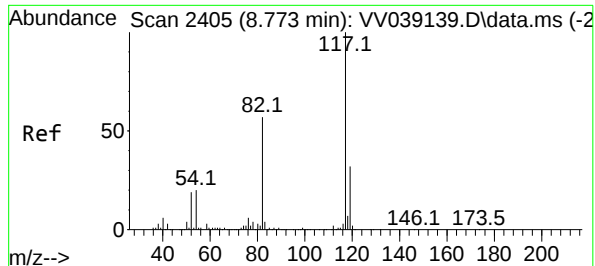
Tgt Ion: 98 Resp: 1241276  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.2 78.2



#62  
4-Bromofluorobenzene  
Concen: 44.814 ug/l  
RT: 10.001 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VV039180.D  
Acq: 25 Sep 2025 14:48

Tgt Ion: 95 Resp: 505982  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 150.4  
176 69.7 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039180.D

Acq: 25 Sep 2025 14:48

Instrument :

MSVOA\_V

ClientSampleId :

FW6DDL

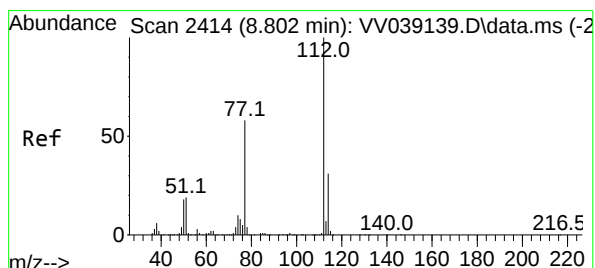
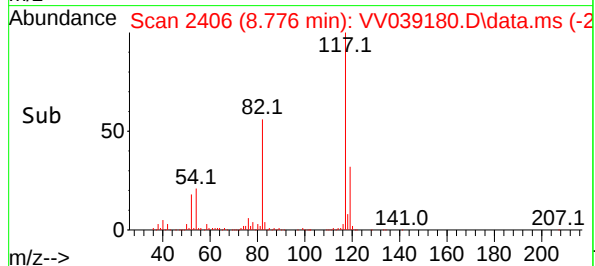
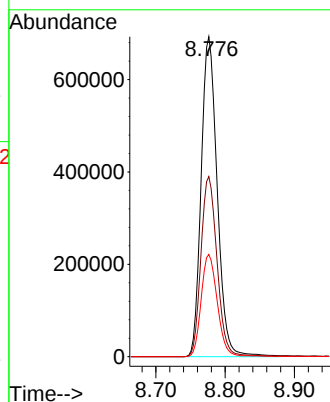
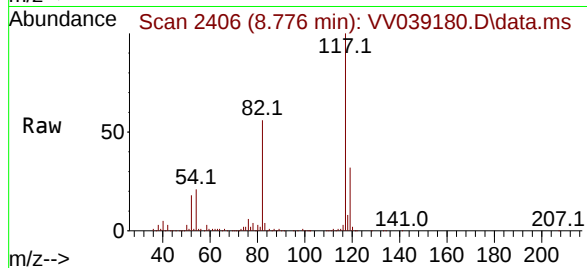
Tgt Ion:117 Resp: 1114736

Ion Ratio Lower Upper

117 100

82 56.3 45.4 68.2

119 32.0 25.6 38.4



#65

Chlorobenzene

Concen: 25.475 ug/l

RT: 8.805 min Scan# 2415

Delta R.T. 0.003 min

Lab File: VV039180.D

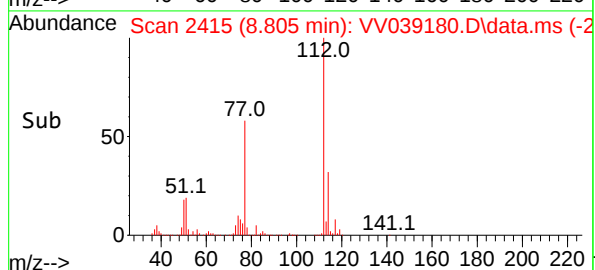
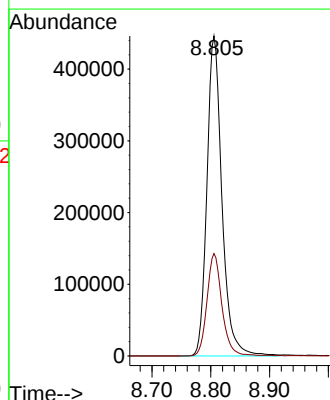
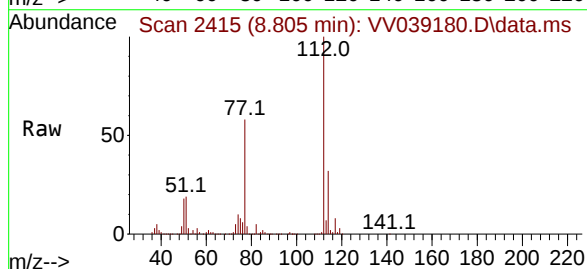
Acq: 25 Sep 2025 14:48

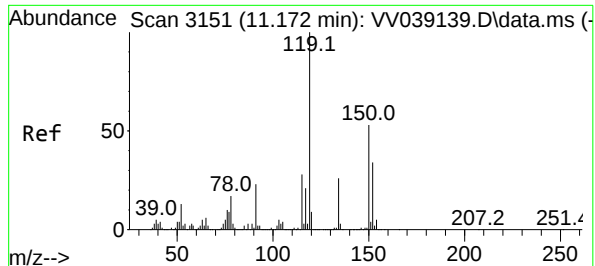
Tgt Ion:112 Resp: 791007

Ion Ratio Lower Upper

112 100

114 32.0 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039180.D

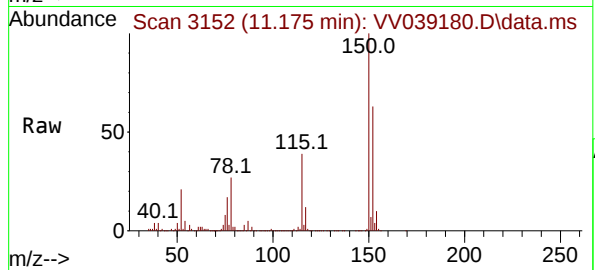
Acq: 25 Sep 2025 14:48

Instrument :

MSVOA\_V

ClientSampleId :

FW6DDL



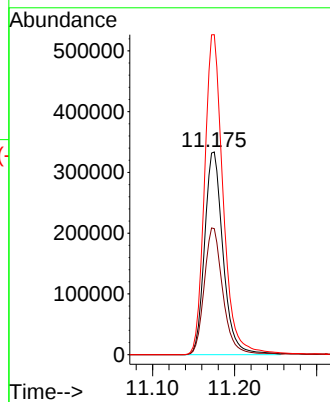
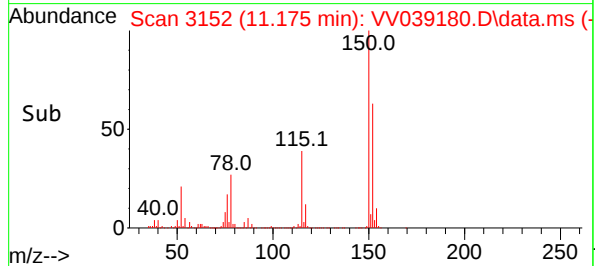
Tgt Ion:152 Resp: 523929

Ion Ratio Lower Upper

152 100

115 63.0 44.8 134.4

150 159.4 0.0 353.8



5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
 Data File : VV039185.D  
 Acq On : 25 Sep 2025 16:40  
 Operator : SY/MD  
 Sample : Q3172-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB3W

Quant Time: Sep 26 01:32:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 4.603  | 168  | 368346   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.535  | 114  | 653076   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.776  | 117  | 662159   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.175 | 152  | 325221   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 4.944  | 65    | 293708   | 55.094   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | =    | 110.180% |
| 35) Dibromofluoromethane    | 4.503  | 113   | 266204   | 50.704   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | =    | 101.400% |
| 50) Toluene-d8              | 7.239  | 98    | 716173   | 46.445   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | =    | 92.880%  |
| 62) 4-Bromofluorobenzene    | 10.001 | 95    | 297465   | 46.860   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | =    | 93.720%  |

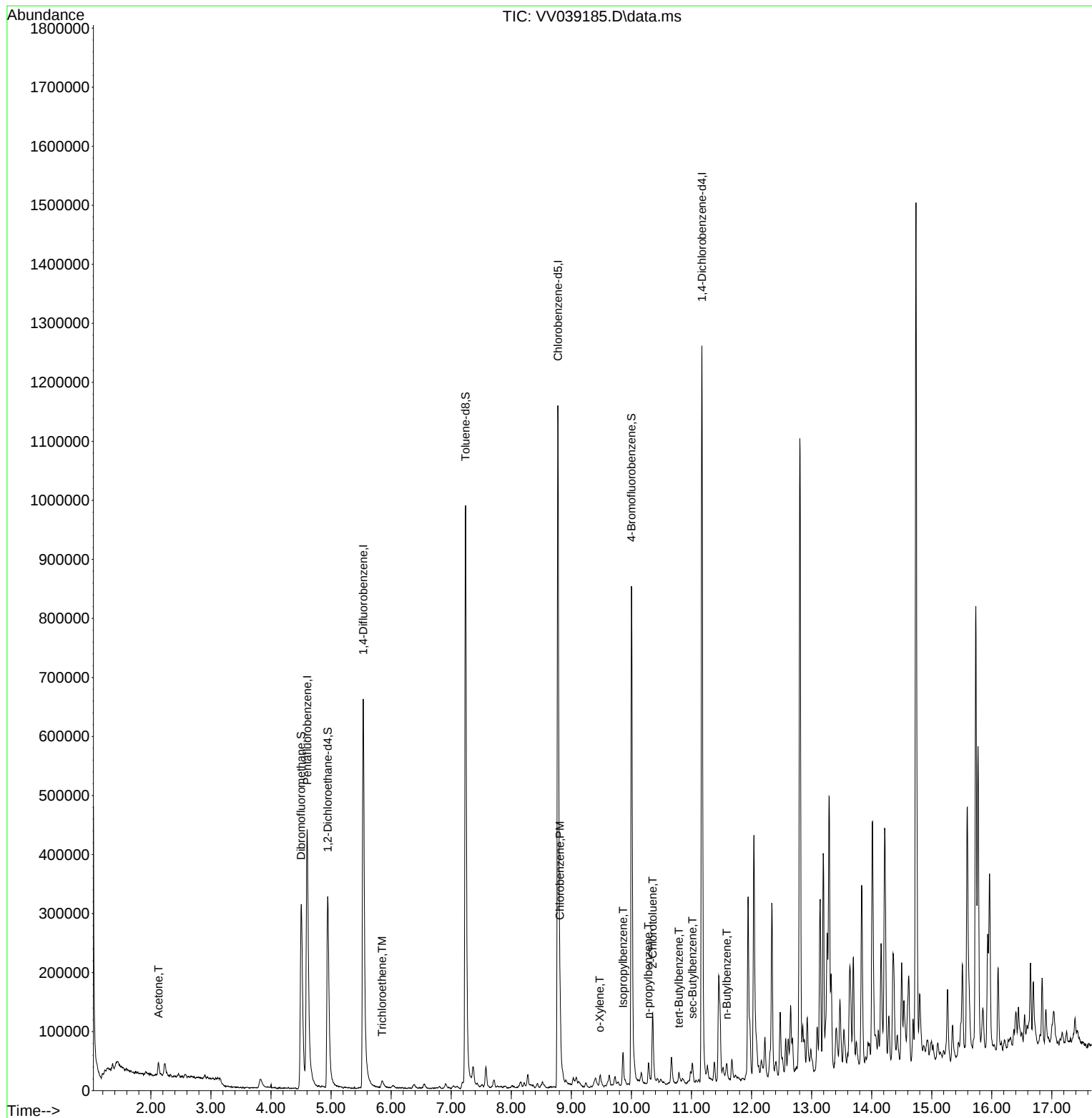
| Target Compounds      |        |     |       |       | Qvalue   |
|-----------------------|--------|-----|-------|-------|----------|
| 16) Acetone           | 2.127  | 43  | 25840 | 3.116 | ug/l 99  |
| 44) Trichloroethene   | 5.850  | 130 | 5474  | 0.918 | ug/l 88  |
| 65) Chlorobenzene     | 8.808  | 112 | 87136 | 4.724 | ug/l 100 |
| 69) o-Xylene          | 9.474  | 106 | 5011  | 0.525 | ug/l 89  |
| 73) Isopropylbenzene  | 9.860  | 105 | 36396 | 1.543 | ug/l 99  |
| 78) n-propylbenzene   | 10.284 | 91  | 29586 | 1.030 | ug/l 99  |
| 79) 2-Chlorotoluene   | 10.352 | 91  | 70132 | 4.080 | ug/l 100 |
| 83) tert-Butylbenzene | 10.792 | 119 | 8040  | 0.411 | ug/l 85  |
| 85) sec-Butylbenzene  | 11.014 | 105 | 17900 | 0.690 | ug/l 97  |
| 89) n-Butylbenzene    | 11.586 | 91  | 13827 | 0.671 | ug/l 95  |

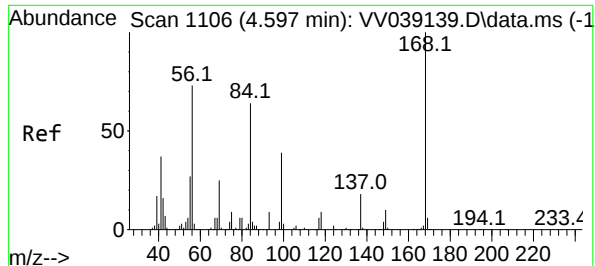
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Time: Sep 26 01:32:54 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

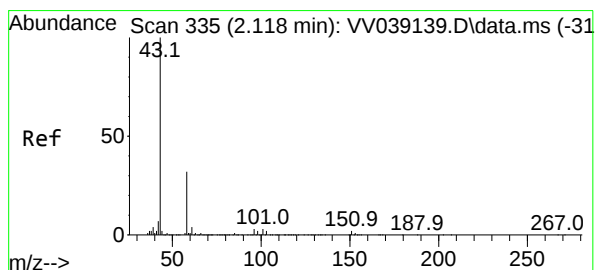
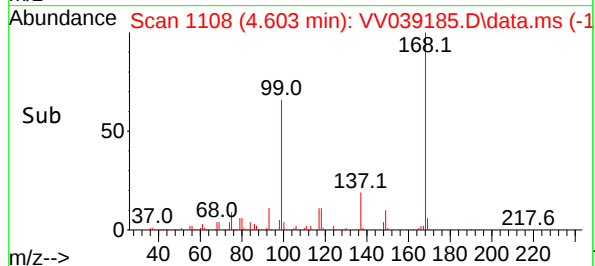
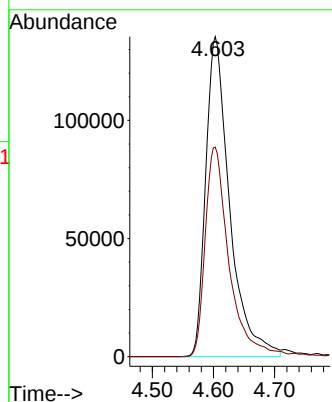
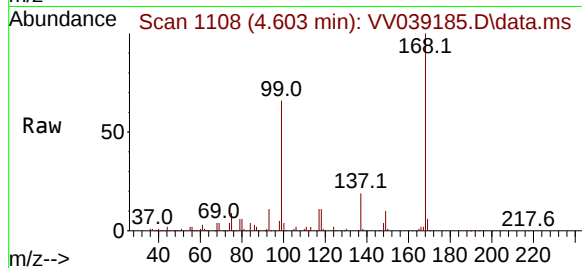




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.603 min Scan# 1108  
Delta R.T. 0.006 min  
Lab File: VV039185.D  
Acq: 25 Sep 2025 16:40

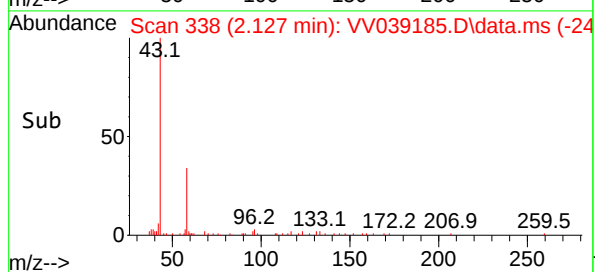
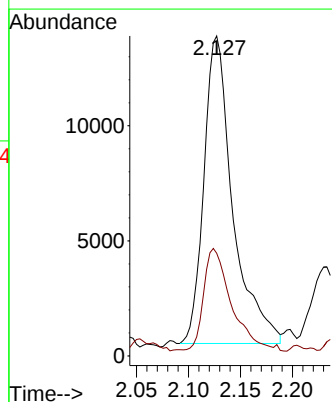
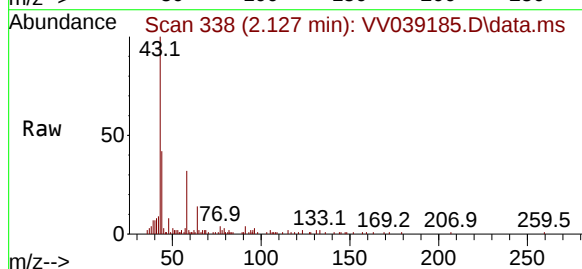
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

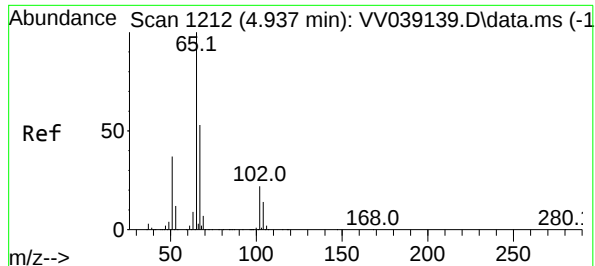
Tgt Ion:168 Resp: 368346  
Ion Ratio Lower Upper  
168 100  
99 65.5 49.6 74.4



#16  
Acetone  
Concen: 3.116 ug/l  
RT: 2.127 min Scan# 338  
Delta R.T. 0.009 min  
Lab File: VV039185.D  
Acq: 25 Sep 2025 16:40

Tgt Ion: 43 Resp: 25840  
Ion Ratio Lower Upper  
43 100  
58 31.6 25.8 38.6





#33

1,2-Dichloroethane-d4

Concen: 55.094 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA\_V

ClientSampleId :

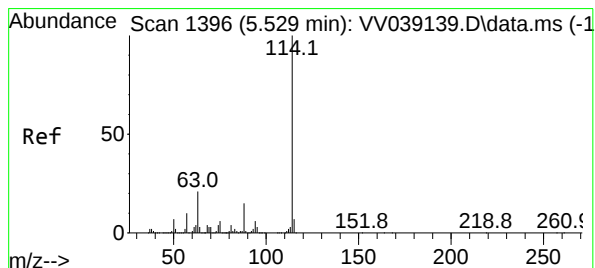
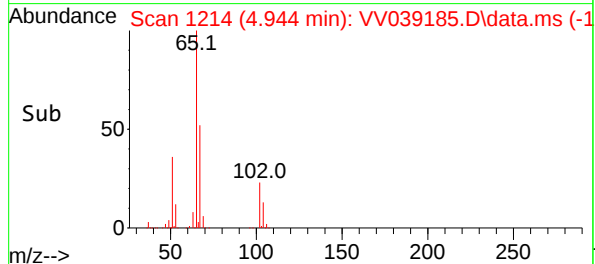
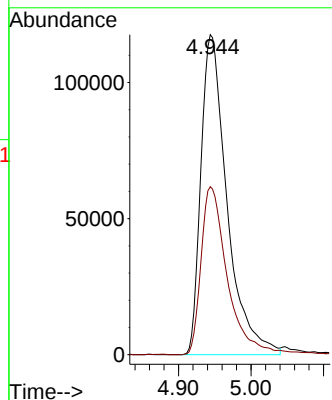
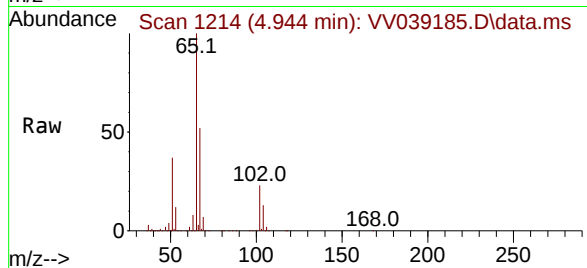
GB3W

Tgt Ion: 65 Resp: 293708

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

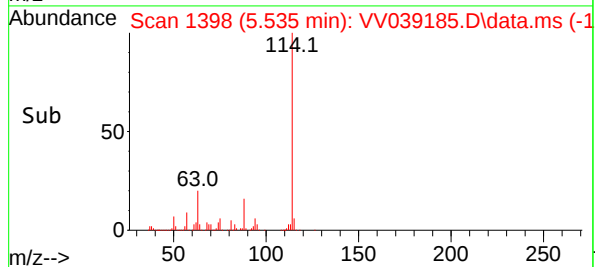
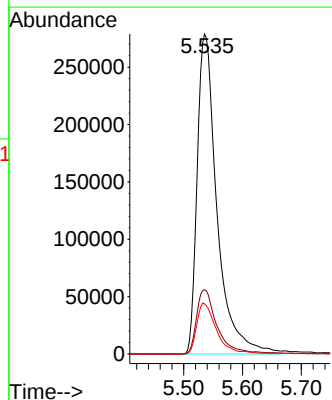
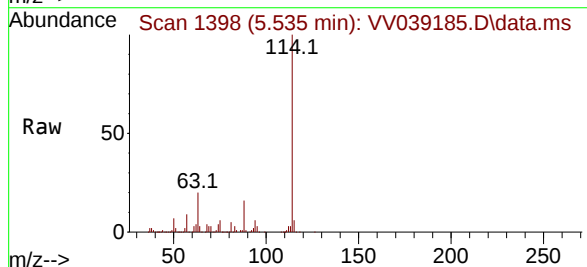
Tgt Ion: 114 Resp: 653076

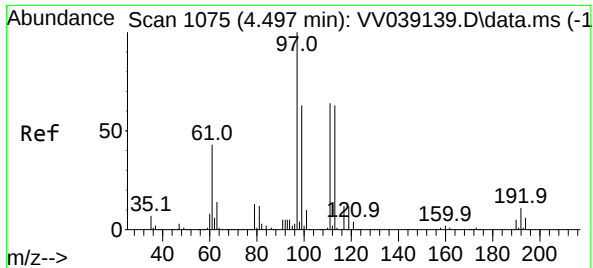
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.704 ug/l

RT: 4.503 min Scan# 1113

Delta R.T. 0.006 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA\_V

ClientSampleId :

GB3W

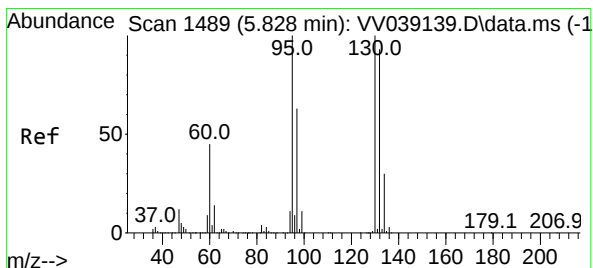
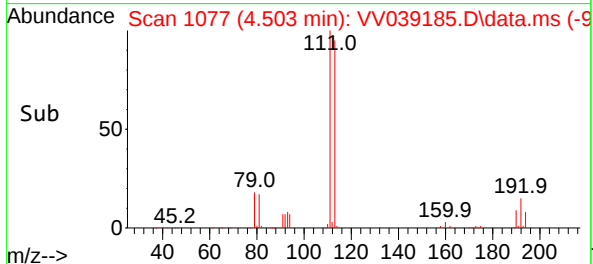
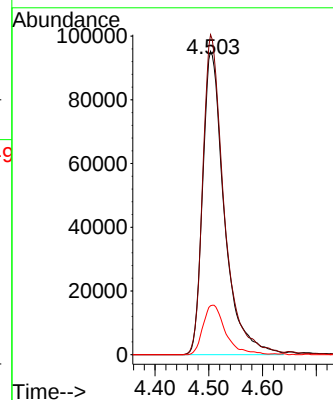
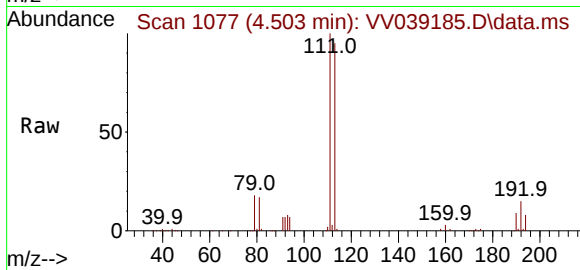
Tgt Ion:113 Resp: 266204

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 17.0 13.8 20.8



#44

Trichloroethene

Concen: 0.918 ug/l

RT: 5.850 min Scan# 1496

Delta R.T. 0.022 min

Lab File: VV039185.D

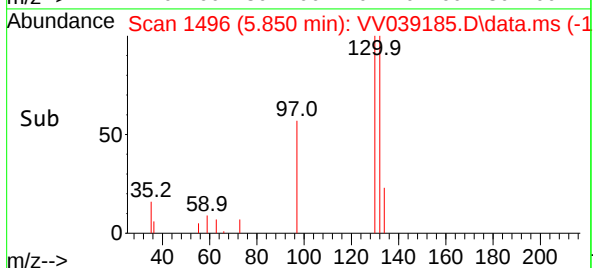
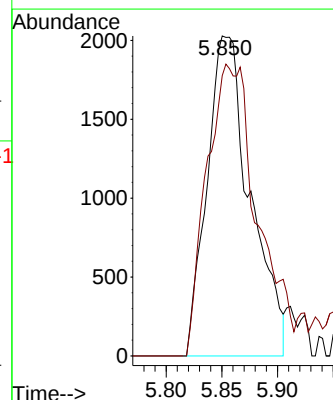
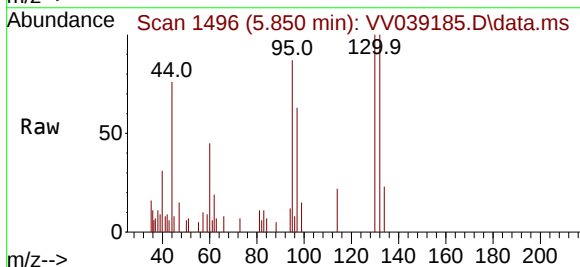
Acq: 25 Sep 2025 16:40

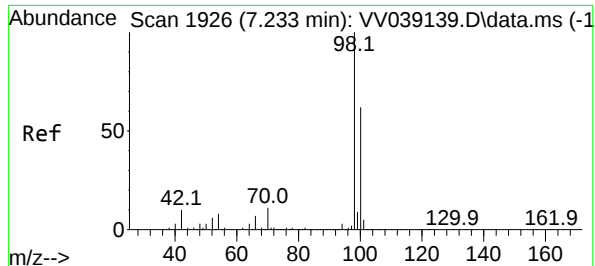
Tgt Ion:130 Resp: 5474

Ion Ratio Lower Upper

130 100

95 87.6 0.0 199.2





#50

Toluene-d8

Concen: 46.445 ug/l

RT: 7.239 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA\_V

ClientSampleId :

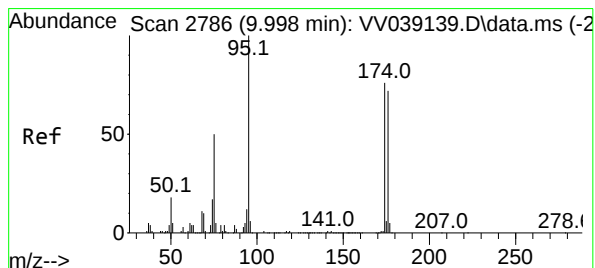
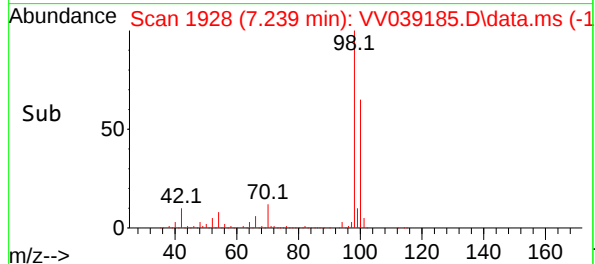
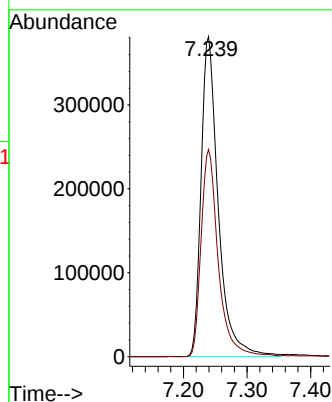
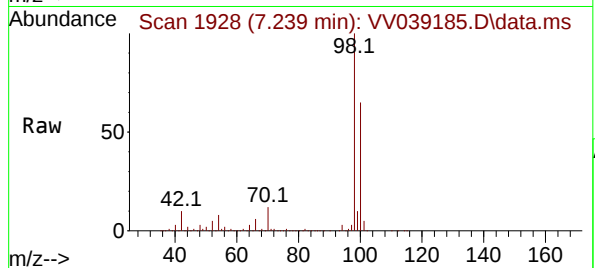
GB3W

Tgt Ion: 98 Resp: 716173

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.860 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

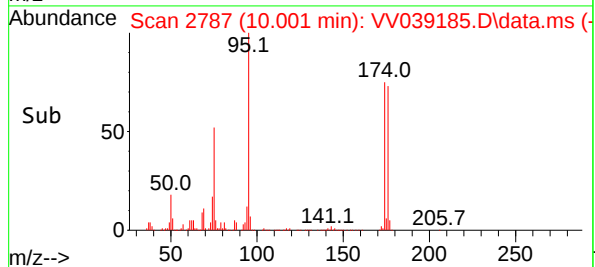
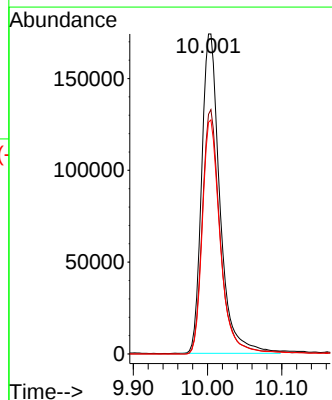
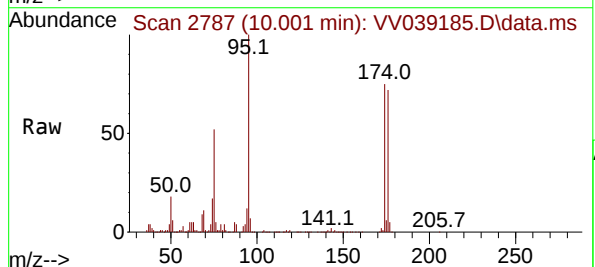
Tgt Ion: 95 Resp: 297465

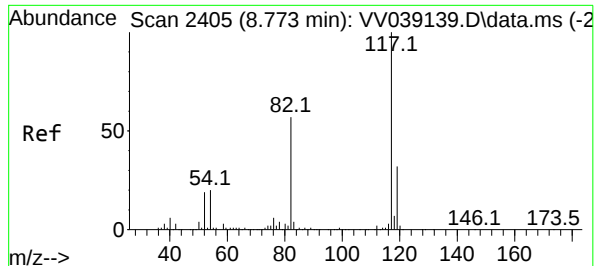
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.4

176 72.2 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA\_V

ClientSampleId :

GB3W

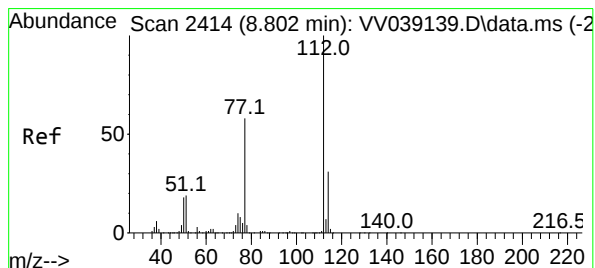
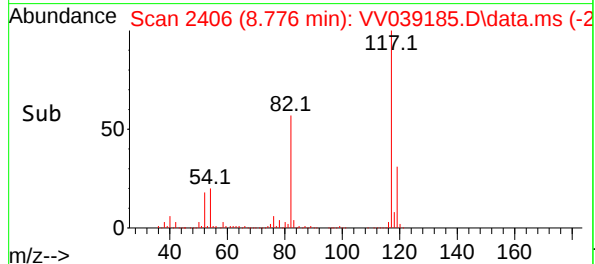
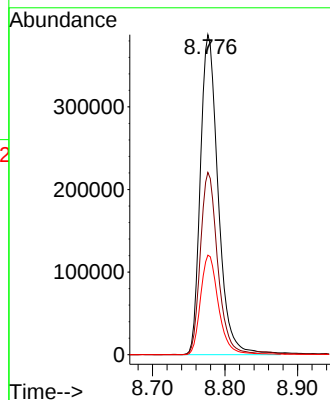
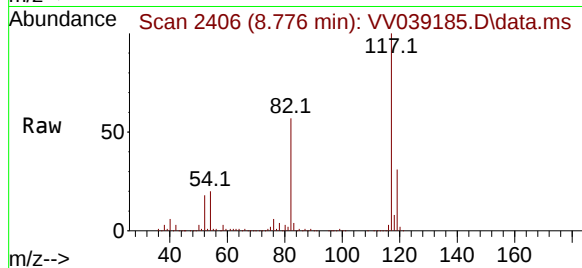
Tgt Ion:117 Resp: 662159

Ion Ratio Lower Upper

117 100

82 56.9 45.4 68.2

119 31.1 25.6 38.4



#65

Chlorobenzene

Concen: 4.724 ug/l

RT: 8.808 min Scan# 2416

Delta R.T. 0.006 min

Lab File: VV039185.D

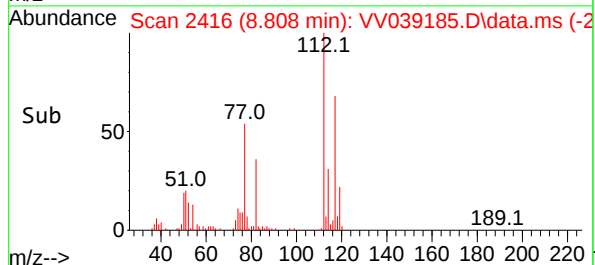
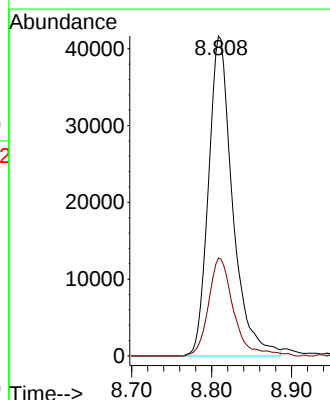
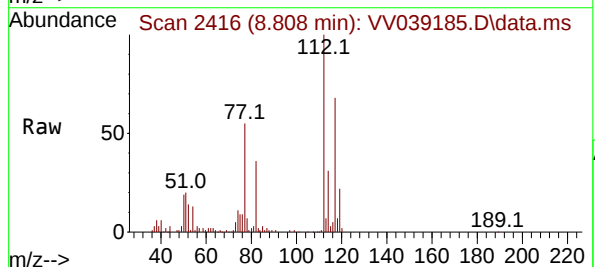
Acq: 25 Sep 2025 16:40

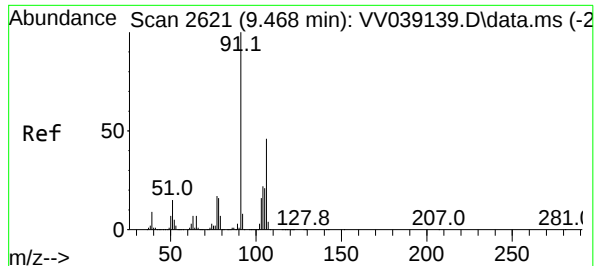
Tgt Ion:112 Resp: 87136

Ion Ratio Lower Upper

112 100

114 30.6 24.6 37.0





#69

o-Xylene

Concen: 0.525 ug/l

RT: 9.474 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA\_V

ClientSampleId :

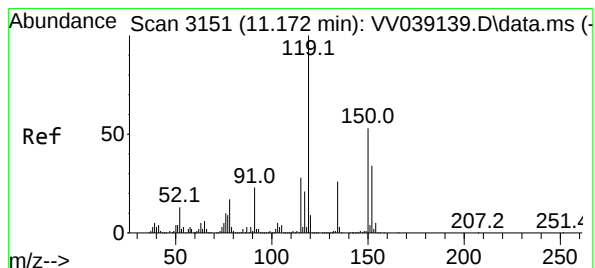
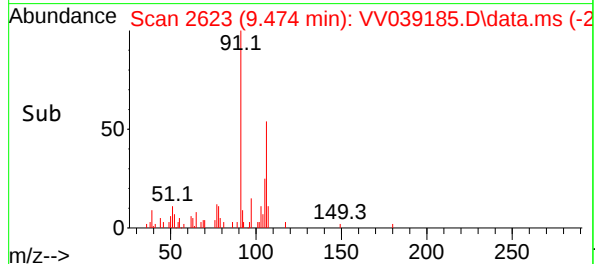
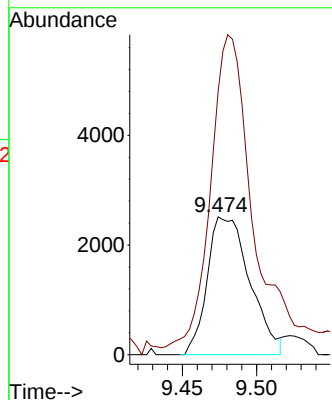
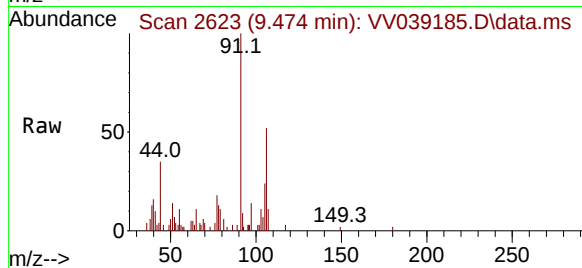
GB3W

Tgt Ion:106 Resp: 5011

Ion Ratio Lower Upper

106 100

91 236.2 109.1 327.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

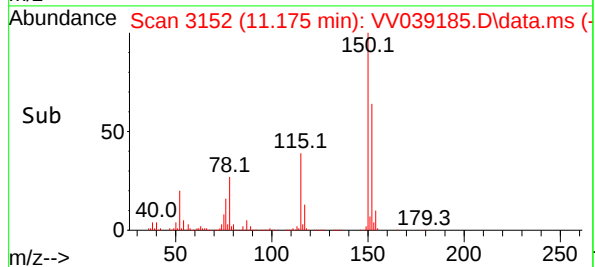
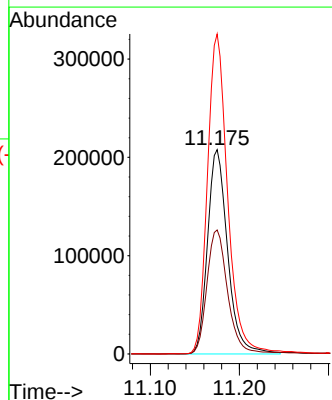
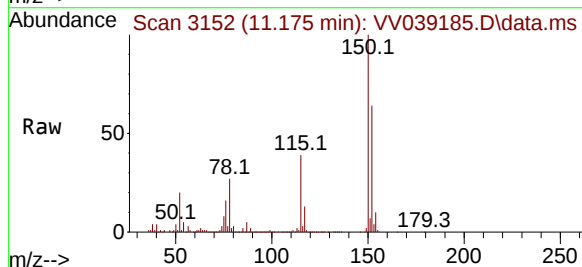
Tgt Ion:152 Resp: 325221

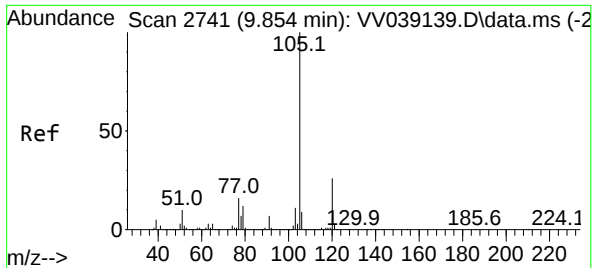
Ion Ratio Lower Upper

152 100

115 63.3 44.8 134.4

150 158.1 0.0 353.8

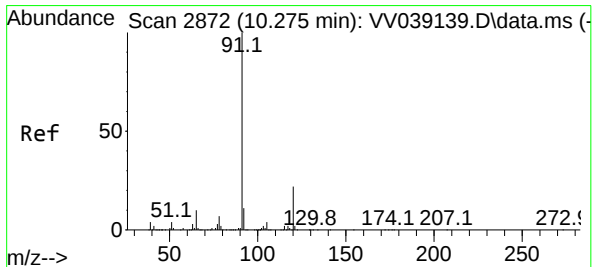
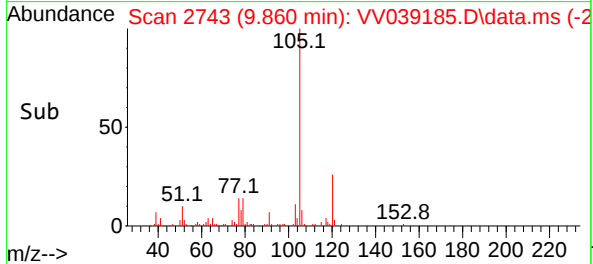
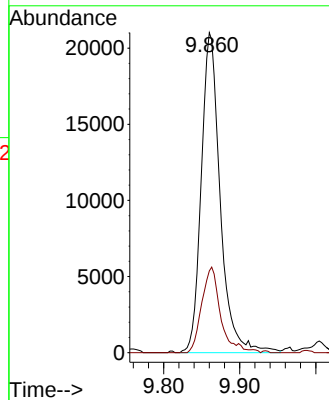
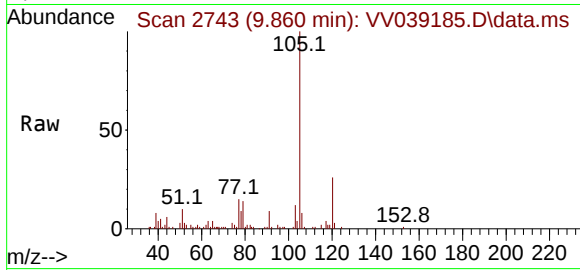




#73  
Isopropylbenzene  
Concen: 1.543 ug/l  
RT: 9.860 min Scan# 2741  
Delta R.T. 0.006 min  
Lab File: VV039185.D  
Acq: 25 Sep 2025 16:40

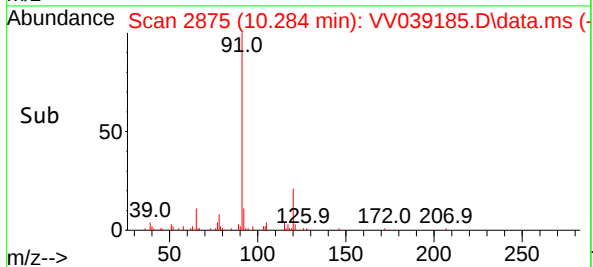
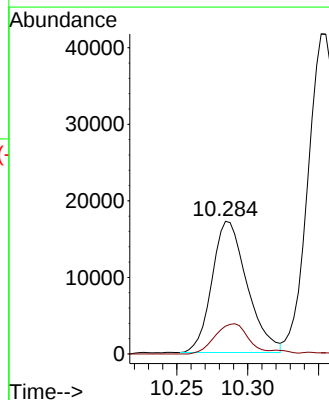
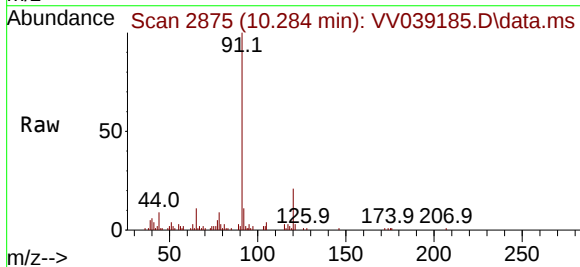
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

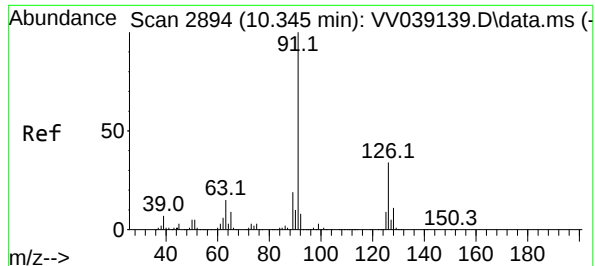
| Tgt Ion   | 105   | Resp  | 36396 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 26.6  | 13.1  | 39.1  |



#78  
n-propylbenzene  
Concen: 1.030 ug/l  
RT: 10.284 min Scan# 2875  
Delta R.T. 0.010 min  
Lab File: VV039185.D  
Acq: 25 Sep 2025 16:40

| Tgt Ion   | 91    | Resp  | 29586 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 21.9  | 11.1  | 33.3  |





#79

2-Chlorotoluene

Concen: 4.080 ug/l

RT: 10.352 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA\_V

ClientSampleId :

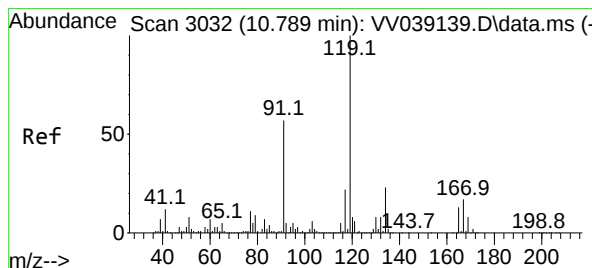
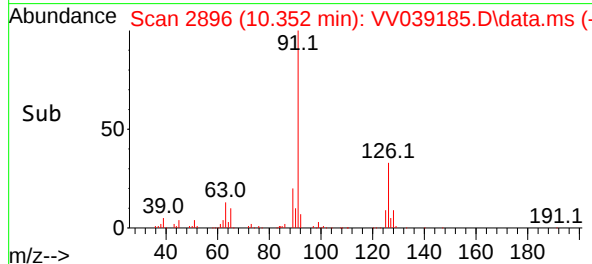
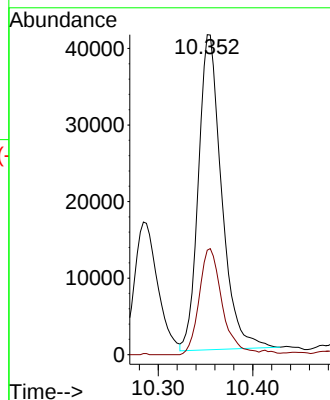
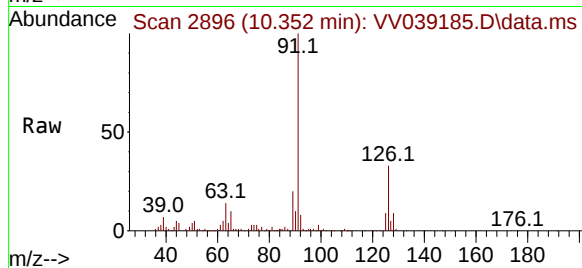
GB3W

Tgt Ion: 91 Resp: 70132

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.0



#83

tert-Butylbenzene

Concen: 0.411 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

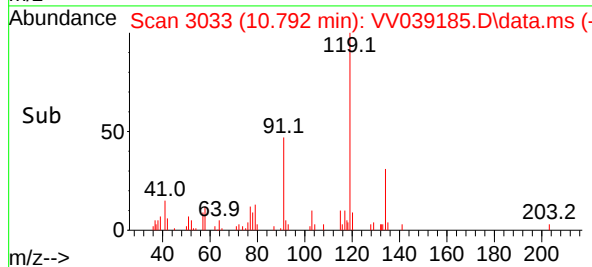
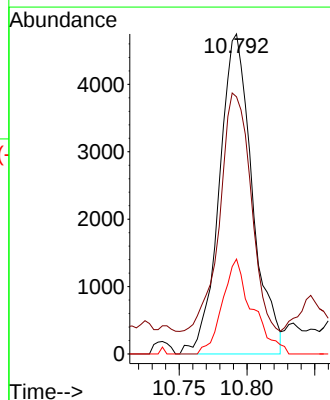
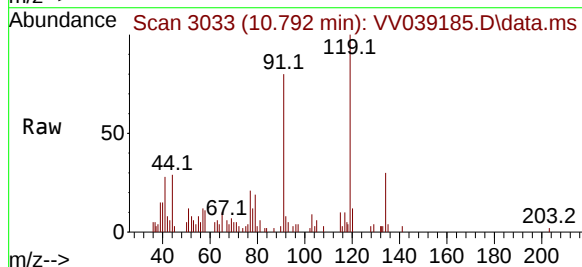
Tgt Ion: 119 Resp: 8040

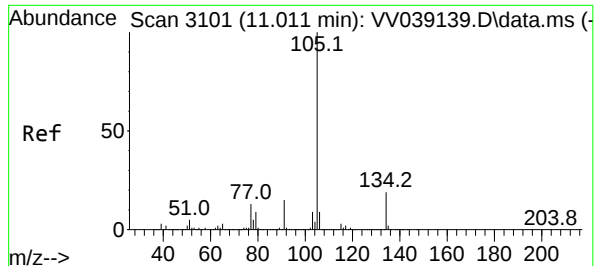
Ion Ratio Lower Upper

119 100

91 70.0 28.5 85.6

134 26.9 11.5 34.4





#85

sec-Butylbenzene

Concen: 0.690 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

Instrument :

MSVOA\_V

ClientSampleId :

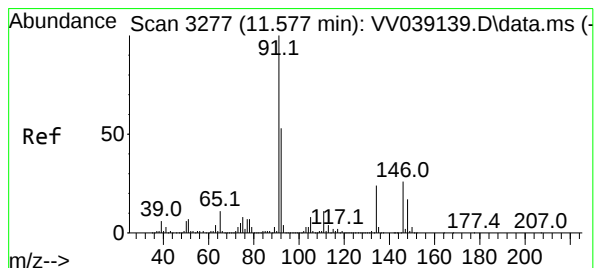
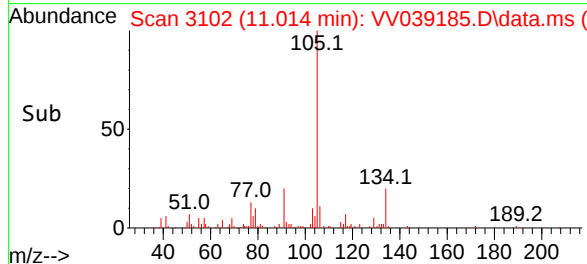
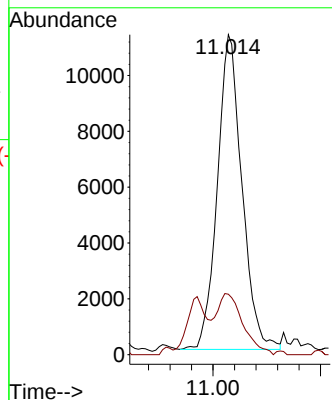
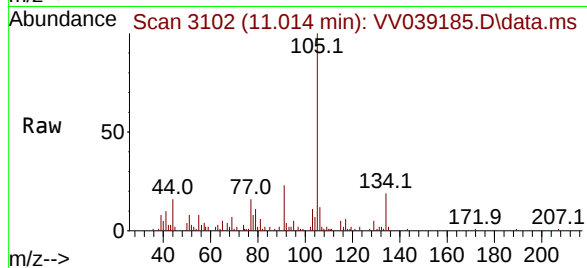
GB3W

Tgt Ion:105 Resp: 17900

Ion Ratio Lower Upper

105 100

134 20.6 9.6 28.8



#89

n-Butylbenzene

Concen: 0.671 ug/l

RT: 11.586 min Scan# 3280

Delta R.T. 0.010 min

Lab File: VV039185.D

Acq: 25 Sep 2025 16:40

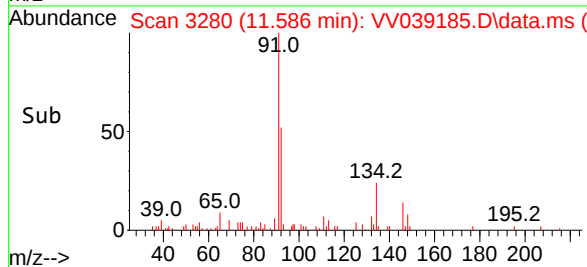
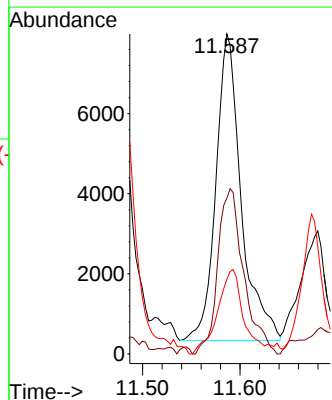
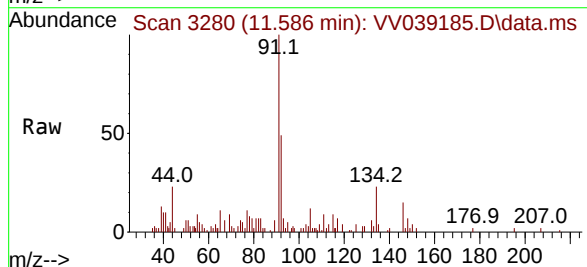
Tgt Ion: 91 Resp: 13827

Ion Ratio Lower Upper

91 100

92 55.1 26.6 79.8

134 29.3 12.1 36.3



5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Title : SW846 8260

Signal : TIC: VV039185.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.127       | 331           | 338         | 350          | rBV2     | 20087          | 32459         | 1.39%           | 0.102%        |
| 2         | 2.233       | 364           | 371         | 380          | rVB2     | 15966          | 28615         | 1.23%           | 0.090%        |
| 3         | 3.828       | 848           | 867         | 892          | rBV2     | 14909          | 57268         | 2.46%           | 0.181%        |
| 4         | 4.503       | 1058          | 1077        | 1096         | rBV2     | 312878         | 836086        | 35.85%          | 2.636%        |
| 5         | 4.603       | 1096          | 1108        | 1154         | rVB2     | 435406         | 1218432       | 52.25%          | 3.842%        |
| 6         | 4.944       | 1201          | 1214        | 1244         | rBV2     | 323667         | 814809        | 34.94%          | 2.569%        |
| 7         | 5.535       | 1386          | 1398        | 1433         | rBV      | 658384         | 1550273       | 66.48%          | 4.888%        |
| 8         | 5.854       | 1486          | 1497        | 1515         | rBV      | 11488          | 32942         | 1.41%           | 0.104%        |
| 9         | 7.239       | 1916          | 1928        | 1958         | rVV      | 985017         | 1881167       | 80.67%          | 5.931%        |
| 10        | 7.365       | 1961          | 1967        | 1980         | rVB5     | 29382          | 61489         | 2.64%           | 0.194%        |
| 11        | 7.577       | 2021          | 2033        | 2051         | rVB2     | 34369          | 66463         | 2.85%           | 0.210%        |
| 12        | 7.709       | 2065          | 2074        | 2084         | rVB9     | 11990          | 23634         | 1.01%           | 0.075%        |
| 13        | 8.278       | 2241          | 2251        | 2263         | rBV4     | 18805          | 33035         | 1.42%           | 0.104%        |
| 14        | 8.776       | 2395          | 2406        | 2442         | rBV      | 1155379        | 2271386       | 97.40%          | 7.162%        |
| 15        | 9.403       | 2583          | 2601        | 2615         | rBV      | 15400          | 46289         | 1.98%           | 0.146%        |
| 16        | 9.484       | 2616          | 2626        | 2645         | rVB3     | 20455          | 46526         | 2.00%           | 0.147%        |
| 17        | 9.632       | 2656          | 2672        | 2682         | rBV8     | 17970          | 38135         | 1.64%           | 0.120%        |
| 18        | 9.860       | 2731          | 2743        | 2764         | rBV3     | 55547          | 109194        | 4.68%           | 0.344%        |
| 19        | 10.001      | 2777          | 2787        | 2814         | rBV      | 844242         | 1442151       | 61.84%          | 4.547%        |
| 20        | 10.165      | 2830          | 2838        | 2850         | rVB6     | 17523          | 32682         | 1.40%           | 0.103%        |
| 21        | 10.284      | 2868          | 2875        | 2887         | rBV2     | 34266          | 60723         | 2.60%           | 0.191%        |
| 22        | 10.355      | 2888          | 2897        | 2916         | rVB      | 115955         | 202515        | 8.68%           | 0.639%        |
| 23        | 10.667      | 2985          | 2994        | 3007         | rBV      | 43369          | 75476         | 3.24%           | 0.238%        |
| 24        | 10.792      | 3027          | 3033        | 3044         | rBV3     | 15486          | 24413         | 1.05%           | 0.077%        |
| 25        | 11.014      | 3097          | 3102        | 3113         | rVB2     | 32164          | 52179         | 2.24%           | 0.165%        |
| 26        | 11.175      | 3141          | 3152        | 3173         | rBV      | 1247281        | 1995995       | 85.59%          | 6.294%        |
| 27        | 11.265      | 3177          | 3180        | 3190         | rVB      | 22130          | 29213         | 1.25%           | 0.092%        |
| 28        | 11.381      | 3208          | 3216        | 3226         | rVB2     | 32724          | 54777         | 2.35%           | 0.173%        |
| 29        | 11.455      | 3229          | 3239        | 3255         | rBV3     | 177581         | 424957        | 18.22%          | 1.340%        |
| 30        | 11.587      | 3275          | 3280        | 3293         | rVB2     | 26372          | 44231         | 1.90%           | 0.139%        |
| 31        | 11.673      | 3299          | 3307        | 3319         | rBV4     | 34610          | 61517         | 2.64%           | 0.194%        |
| 32        | 11.943      | 3375          | 3391        | 3411         | rBV2     | 308454         | 623277        | 26.73%          | 1.965%        |
| 33        | 12.040      | 3411          | 3421        | 3444         | rBV2     | 403796         | 793605        | 34.03%          | 2.502%        |
| 34        | 12.165      | 3454          | 3460        | 3469         | rBV6     | 18736          | 32469         | 1.39%           | 0.102%        |
| 35        | 12.223      | 3471          | 3478        | 3494         | rVB2     | 67362          | 115029        | 4.93%           | 0.363%        |
| 36        | 12.339      | 3494          | 3514        | 3527         | rBV      | 294526         | 533679        | 22.89%          | 1.683%        |

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Title : SW846 8260

|    |        |      |      |      |       |         |         |         |        |
|----|--------|------|------|------|-------|---------|---------|---------|--------|
| 37 | 12.477 | 3548 | 3557 | 3566 | rBV2  | 106555  | 180347  | 7.73%   | 0.569% |
| 38 | 12.570 | 3579 | 3586 | 3592 | rBV2  | 55971   | 77737   | 3.33%   | 0.245% |
| 39 | 12.612 | 3592 | 3599 | 3604 | rBV2  | 45304   | 67127   | 2.88%   | 0.212% |
| 40 | 12.651 | 3605 | 3611 | 3617 | rVV   | 78746   | 99125   | 4.25%   | 0.313% |
| 41 | 12.805 | 3646 | 3659 | 3669 | rBV2  | 1065689 | 1695964 | 72.73%  | 5.347% |
| 42 | 12.927 | 3690 | 3697 | 3709 | rBV2  | 75277   | 114931  | 4.93%   | 0.362% |
| 43 | 13.094 | 3740 | 3749 | 3755 | rBV2  | 70100   | 120567  | 5.17%   | 0.380% |
| 44 | 13.143 | 3755 | 3764 | 3772 | rVB   | 263803  | 412637  | 17.69%  | 1.301% |
| 45 | 13.194 | 3772 | 3780 | 3788 | rBV2  | 335680  | 480958  | 20.62%  | 1.516% |
| 46 | 13.262 | 3794 | 3801 | 3804 | rBV   | 144058  | 187507  | 8.04%   | 0.591% |
| 47 | 13.291 | 3804 | 3810 | 3817 | rVB   | 338251  | 459463  | 19.70%  | 1.449% |
| 48 | 13.413 | 3838 | 3848 | 3859 | rBV5  | 62234   | 143235  | 6.14%   | 0.452% |
| 49 | 13.471 | 3859 | 3866 | 3880 | rVV2  | 107629  | 192016  | 8.23%   | 0.605% |
| 50 | 13.538 | 3880 | 3887 | 3901 | rVB7  | 56205   | 110874  | 4.75%   | 0.350% |
| 51 | 13.638 | 3909 | 3918 | 3928 | rBV5  | 149887  | 318707  | 13.67%  | 1.005% |
| 52 | 13.696 | 3929 | 3936 | 3946 | rVB3  | 164990  | 250177  | 10.73%  | 0.789% |
| 53 | 13.834 | 3969 | 3979 | 3994 | rVB   | 300153  | 514269  | 22.05%  | 1.622% |
| 54 | 14.014 | 4025 | 4035 | 4048 | rBV   | 394267  | 741075  | 31.78%  | 2.337% |
| 55 | 14.159 | 4072 | 4080 | 4089 | rBV4  | 169461  | 281231  | 12.06%  | 0.887% |
| 56 | 14.217 | 4090 | 4098 | 4112 | rVB4  | 381788  | 735113  | 31.52%  | 2.318% |
| 57 | 14.287 | 4113 | 4120 | 4130 | rVB4  | 73507   | 118713  | 5.09%   | 0.374% |
| 58 | 14.358 | 4133 | 4142 | 4157 | rBV6  | 174939  | 395432  | 16.96%  | 1.247% |
| 59 | 14.500 | 4177 | 4186 | 4193 | rBV   | 163885  | 273419  | 11.72%  | 0.862% |
| 60 | 14.538 | 4194 | 4198 | 4210 | rVV6  | 97367   | 193592  | 8.30%   | 0.610% |
| 61 | 14.615 | 4211 | 4222 | 4235 | rVB5  | 144542  | 344132  | 14.76%  | 1.085% |
| 62 | 14.689 | 4238 | 4245 | 4250 | rBV3  | 62628   | 90085   | 3.86%   | 0.284% |
| 63 | 14.738 | 4250 | 4260 | 4273 | rVV   | 1440153 | 2331984 | 100.00% | 7.353% |
| 64 | 14.799 | 4274 | 4279 | 4295 | rVB4  | 95924   | 184223  | 7.90%   | 0.581% |
| 65 | 15.265 | 4417 | 4424 | 4439 | rVB2  | 121609  | 214053  | 9.18%   | 0.675% |
| 66 | 15.348 | 4442 | 4450 | 4466 | rVV10 | 55385   | 109898  | 4.71%   | 0.347% |
| 67 | 15.509 | 4494 | 4500 | 4511 | rVB   | 141044  | 221360  | 9.49%   | 0.698% |
| 68 | 15.593 | 4516 | 4526 | 4553 | rVB3  | 407607  | 867026  | 37.18%  | 2.734% |
| 69 | 15.734 | 4561 | 4570 | 4576 | rBV   | 731895  | 1098586 | 47.11%  | 3.464% |
| 70 | 15.770 | 4576 | 4581 | 4595 | rVB   | 500552  | 786743  | 33.74%  | 2.481% |
| 71 | 15.934 | 4623 | 4632 | 4635 | rBV   | 186121  | 265052  | 11.37%  | 0.836% |
| 72 | 15.963 | 4636 | 4641 | 4661 | rVB   | 292232  | 477543  | 20.48%  | 1.506% |
| 73 | 16.104 | 4678 | 4685 | 4697 | rBV   | 132611  | 207681  | 8.91%   | 0.655% |
| 74 | 16.644 | 4847 | 4853 | 4861 | rVB2  | 112627  | 152095  | 6.52%   | 0.480% |
| 75 | 16.692 | 4862 | 4868 | 4890 | rVB2  | 104661  | 215799  | 9.25%   | 0.680% |
| 76 | 16.837 | 4907 | 4913 | 4925 | rVB   | 109407  | 159665  | 6.85%   | 0.503% |

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M

Title : SW846 8260

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 77 | 16.901 | 4927 | 4933 | 4944 | rVB3 | 49337 | 77908 | 3.34% | 0.246% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

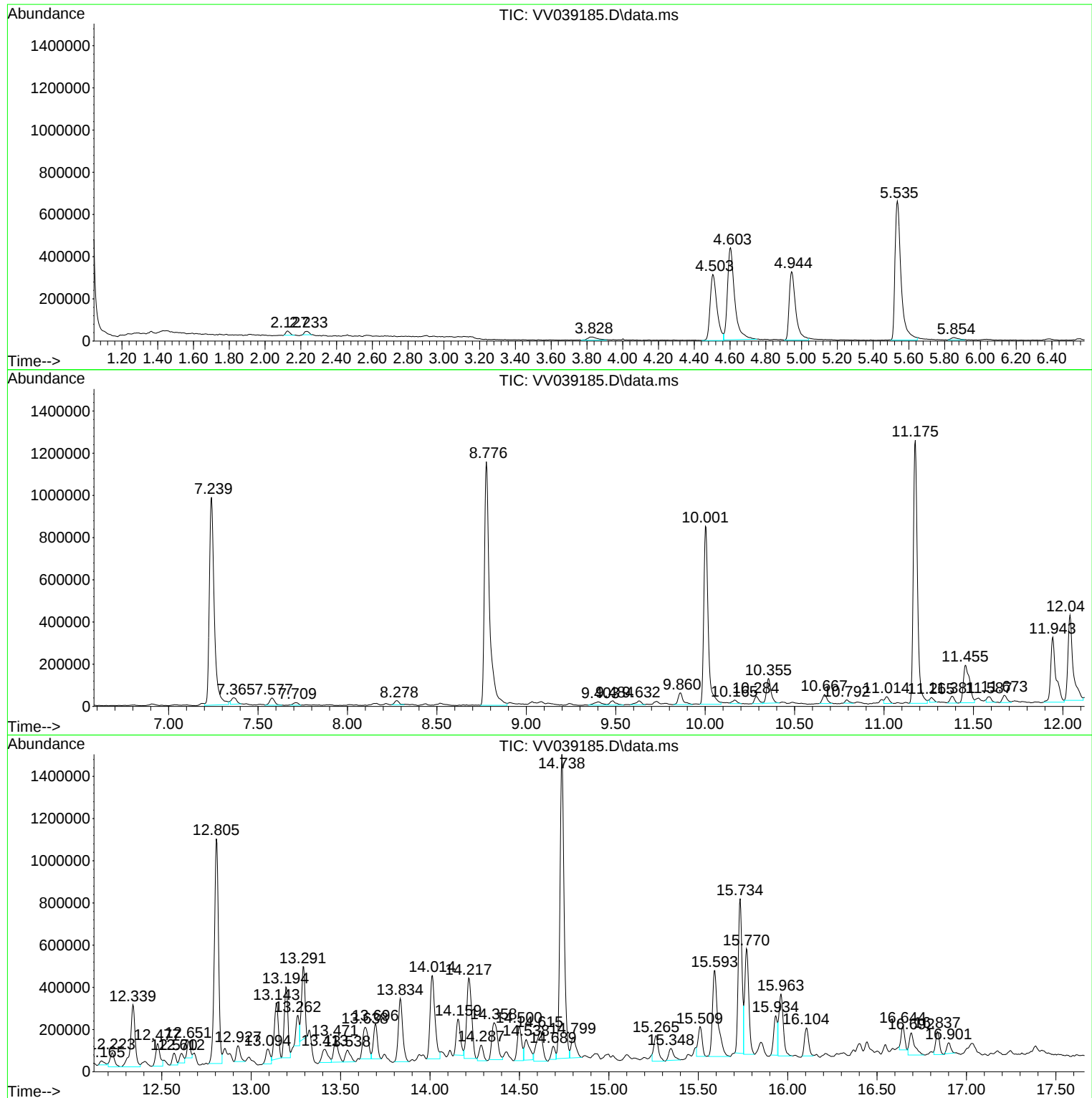
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

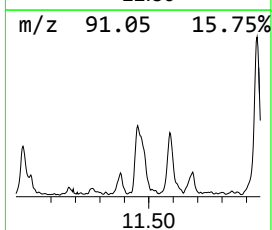
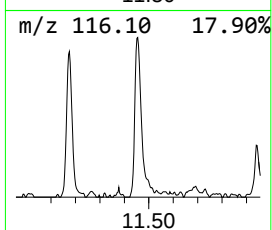
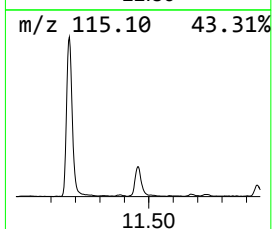
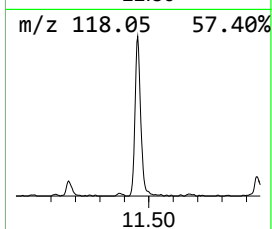
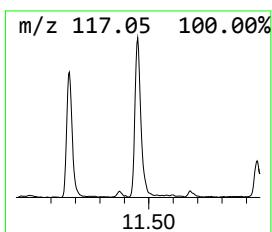
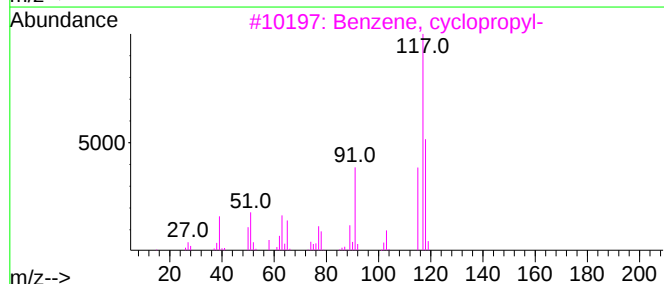
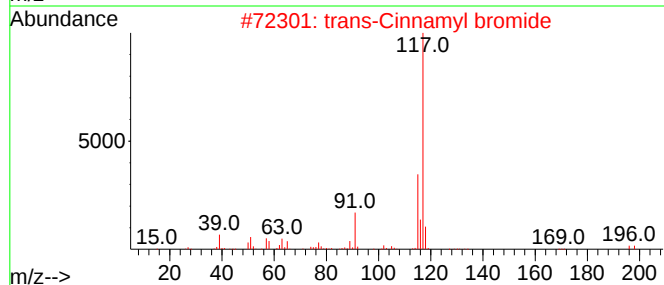
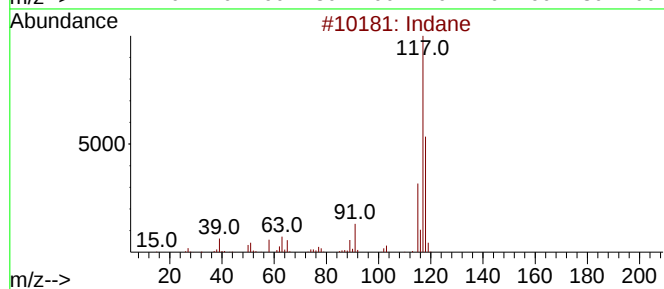
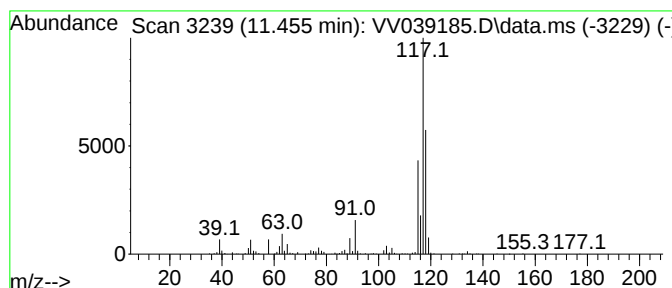
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 Indane Concentration Rank 15

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.455 | 10.65 ug/l | 424957 | 1,4-Dichlorobenzene-d4 | 11.175 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indane                            | 118 | C9H10   | 000496-11-7 | 95   |
| 2    |    |   | trans-Cinnamyl bromide            | 196 | C9H9Br  | 026146-77-0 | 72   |
| 3    |    |   | Benzene, cyclopropyl-             | 118 | C9H10   | 000873-49-4 | 62   |
| 4    |    |   | Benzene, 1-propenyl-              | 118 | C9H10   | 000637-50-3 | 58   |
| 5    |    |   | 7-Methylenecycloocta-1,3,5-triene | 118 | C9H10   | 002570-13-0 | 58   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

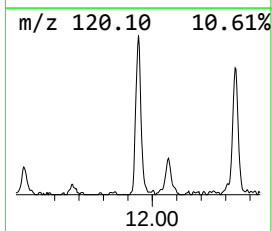
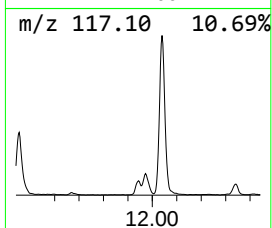
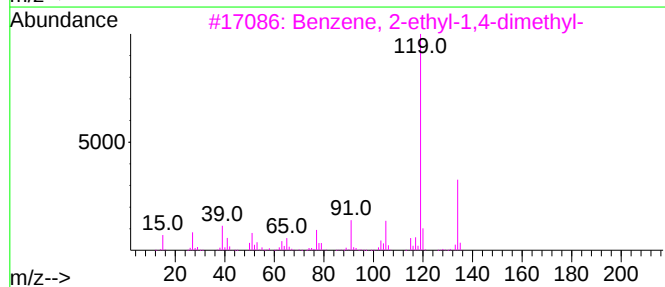
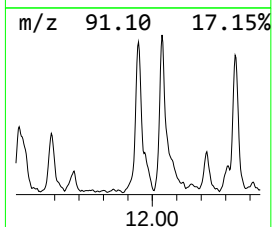
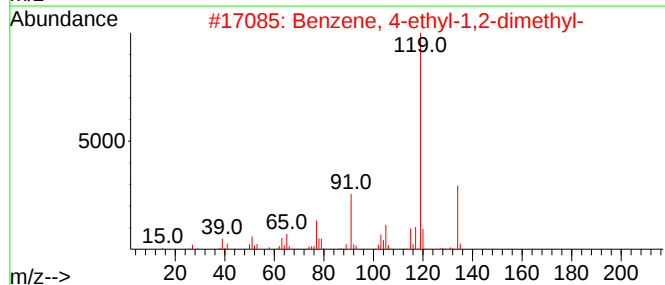
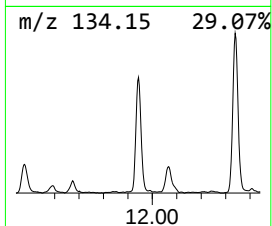
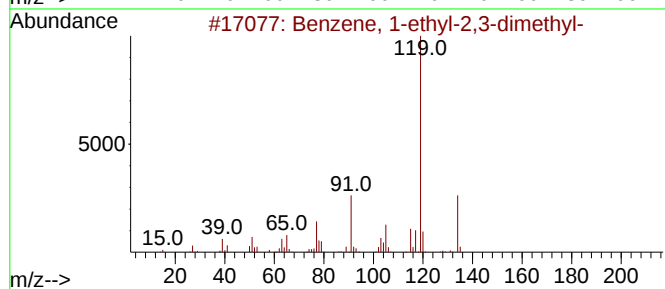
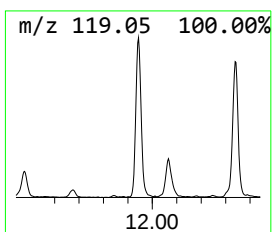
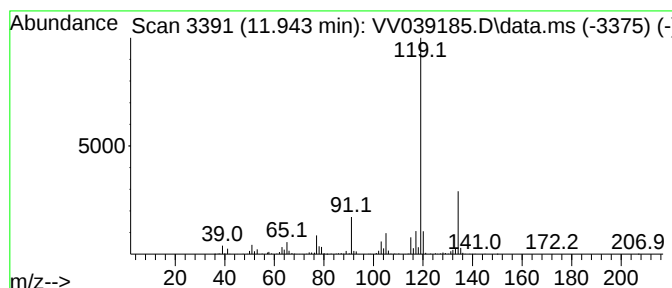
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

| R.T.      | EstConc                        | Area   | Relative to ISTD       |         | R.T.        |      |
|-----------|--------------------------------|--------|------------------------|---------|-------------|------|
| 11.943    | 15.61 ug/l                     | 623277 | 1,4-Dichlorobenzene-d4 |         | 11.175      |      |
| Hit# of 5 | Tentative ID                   |        | MW                     | MolForm | CAS#        | Qual |
| 1         | Benzene, 1-ethyl-2,3-dimethyl- |        | 134                    | C10H14  | 000933-98-2 | 96   |
| 2         | Benzene, 4-ethyl-1,2-dimethyl- |        | 134                    | C10H14  | 000934-80-5 | 95   |
| 3         | Benzene, 2-ethyl-1,4-dimethyl- |        | 134                    | C10H14  | 001758-88-9 | 94   |
| 4         | o-Cymene                       |        | 134                    | C10H14  | 000527-84-4 | 94   |
| 5         | Benzene, 2-ethyl-1,3-dimethyl- |        | 134                    | C10H14  | 002870-04-4 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

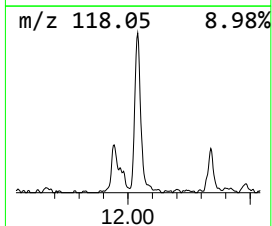
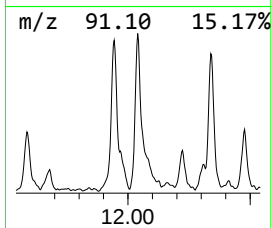
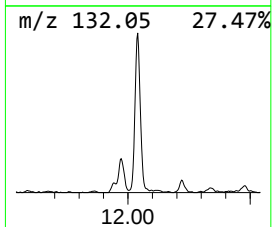
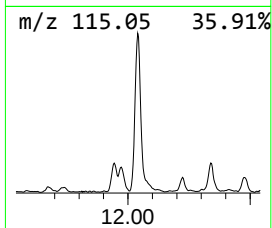
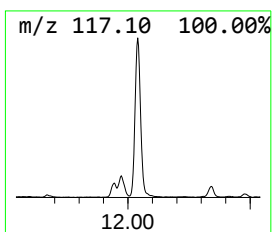
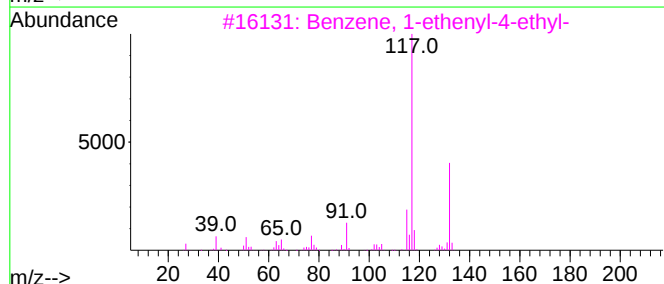
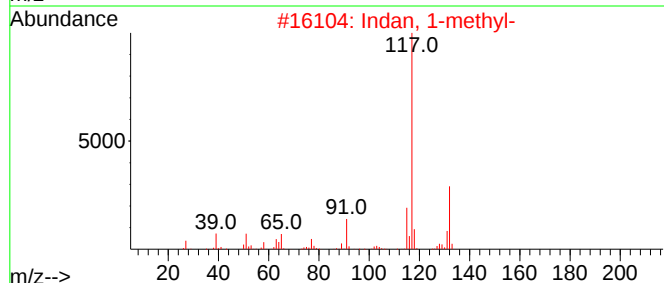
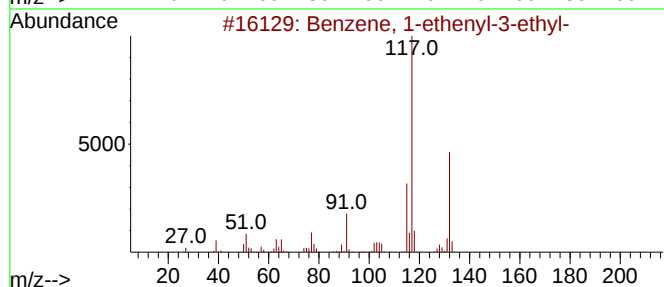
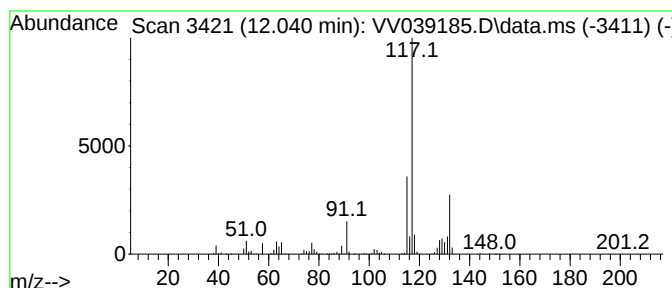
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.040 | 19.88 ug/l | 793605 | 1,4-Dichlorobenzene-d4 | 11.175 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-3-ethyl-     | 132 | C10H12  | 007525-62-4 | 87   |
| 2    |    |   | Indan, 1-methyl-                | 132 | C10H12  | 000767-58-8 | 87   |
| 3    |    |   | Benzene, 1-ethenyl-4-ethyl-     | 132 | C10H12  | 003454-07-7 | 83   |
| 4    |    |   | 1-Methyl-2-phenylcyclopropane   | 132 | C10H12  | 003145-76-4 | 80   |
| 5    |    |   | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12  | 000768-49-0 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

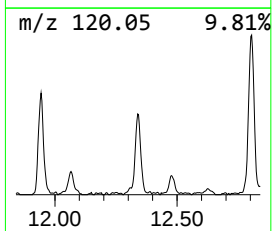
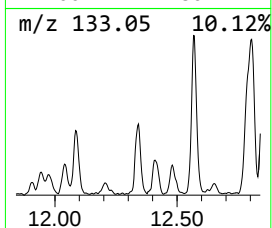
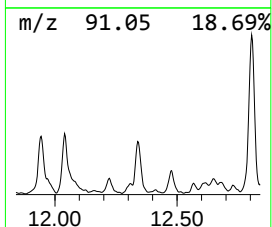
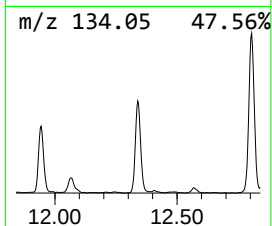
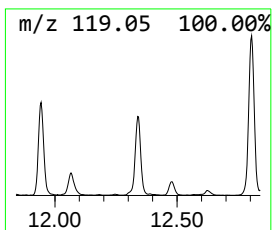
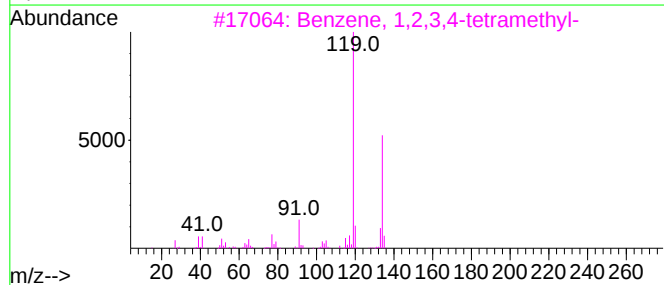
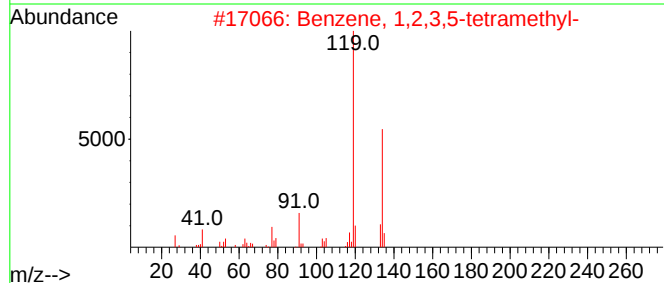
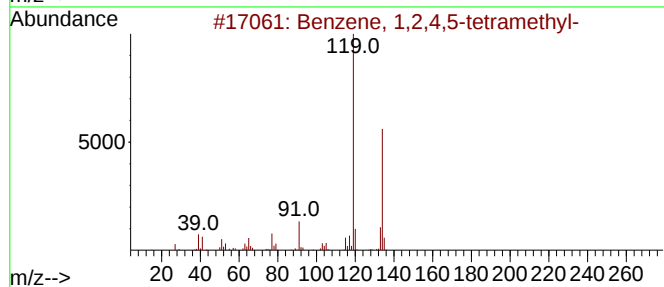
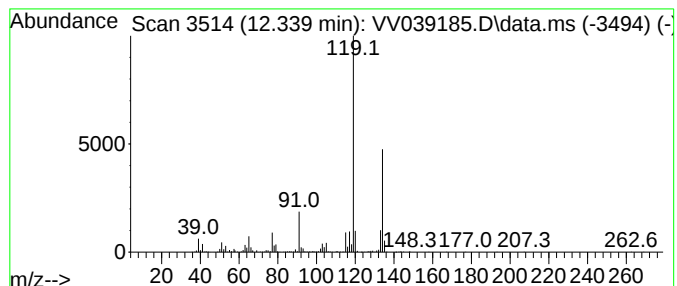
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.339 | 13.37 ug/l | 533679 | 1,4-Dichlorobenzene-d4 | 11.175 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 96   |
| 2    |    |   | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 96   |
| 3    |    |   | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 95   |
| 4    |    |   | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14  | 076089-59-3 | 94   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 93   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

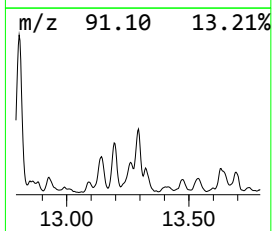
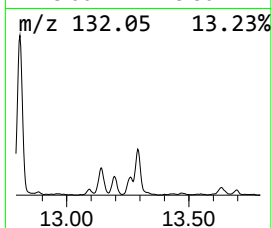
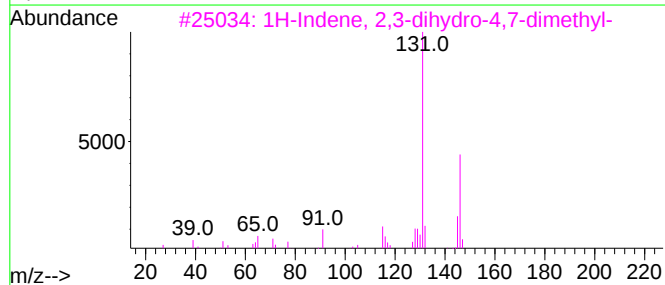
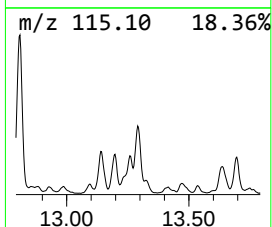
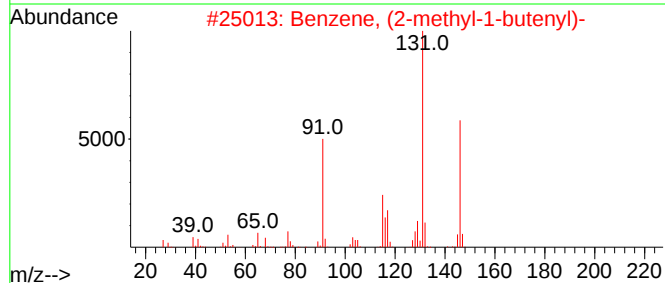
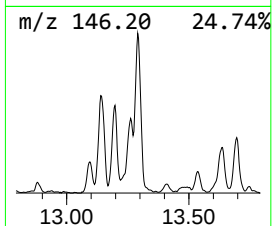
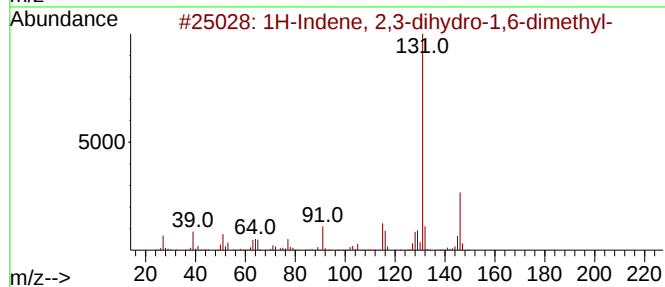
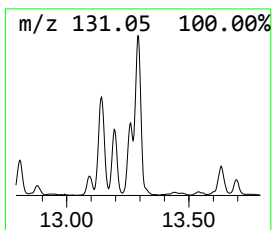
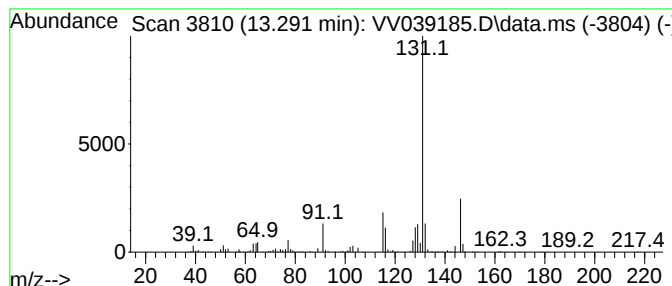
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 14

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.291 | 11.51 ug/l | 459463 | 1,4-Dichlorobenzene-d4 | 11.175 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14  | 017059-48-2 | 95   |
| 2    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 94   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 91   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 91   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

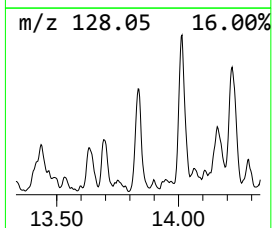
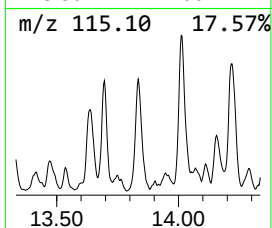
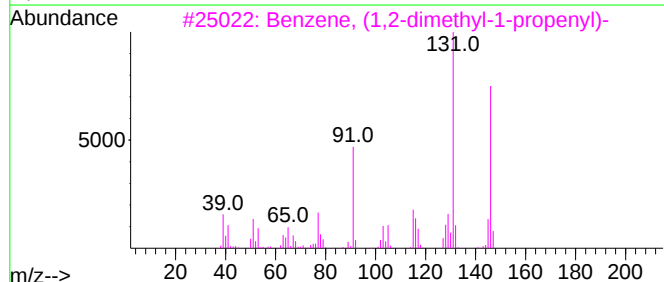
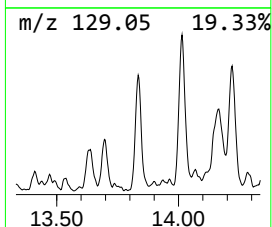
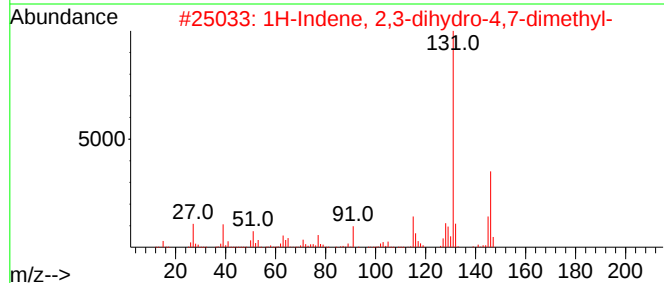
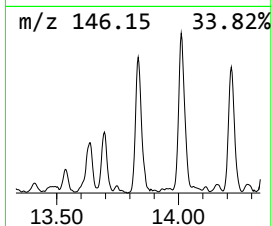
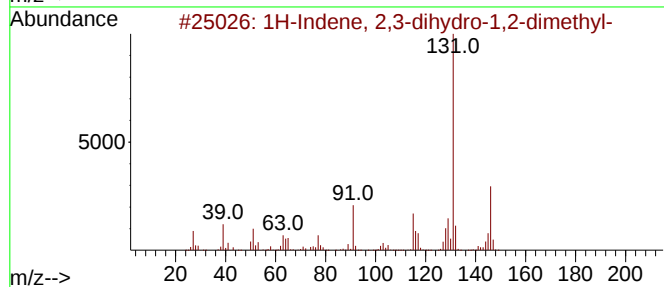
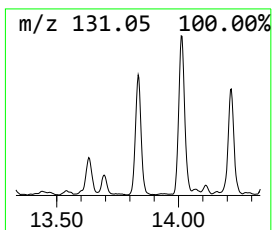
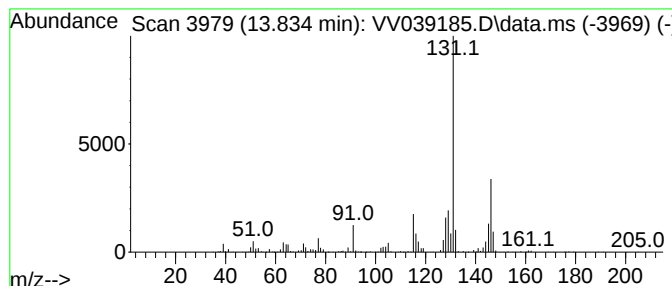
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.834 | 12.88 ug/l | 514269 | 1,4-Dichlorobenzene-d4 | 11.175 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 94   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 93   |
| 3    |    |   | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 90   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 83   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14  | 001075-22-5 | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

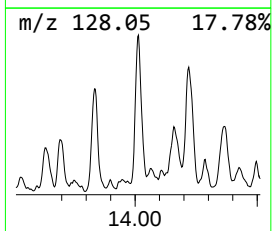
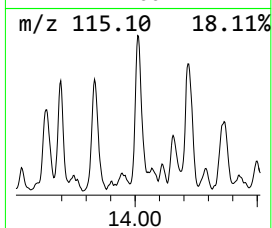
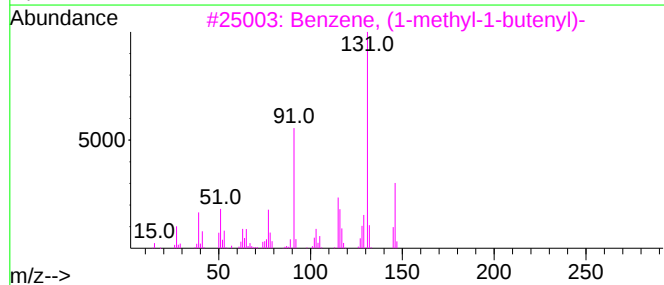
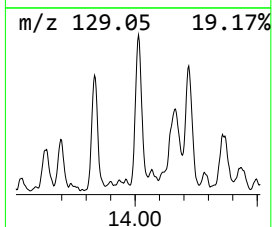
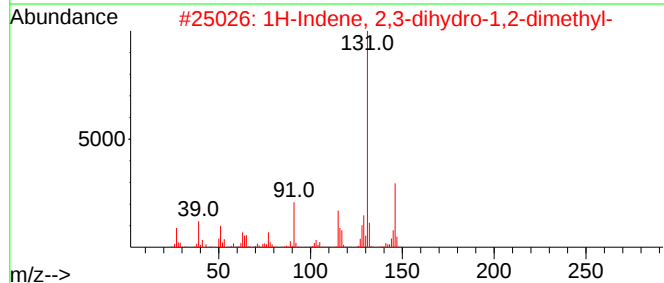
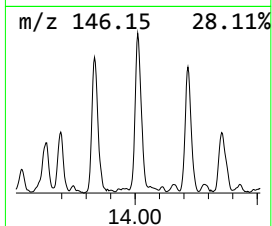
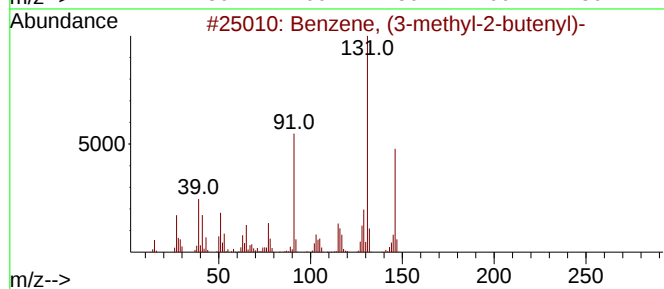
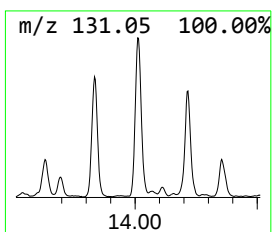
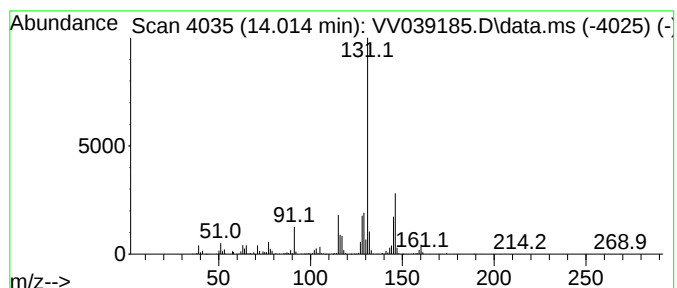
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 7

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 14.014    | 18.56 ug/l                          | 741075 | 1,4-Dichlorobenzene-d4 | 11.175      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | Benzene, (3-methyl-2-butenyl)-      | 146    | C11H14                 | 004489-84-3 | 91   |
| 2         | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146    | C11H14                 | 017057-82-8 | 91   |
| 3         | Benzene, (1-methyl-1-butenyl)-      | 146    | C11H14                 | 053172-84-2 | 87   |
| 4         | Benzene, (1,2-dimethyl-1-propenyl)- | 146    | C11H14                 | 000769-57-3 | 87   |
| 5         | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146    | C11H14                 | 006682-71-9 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

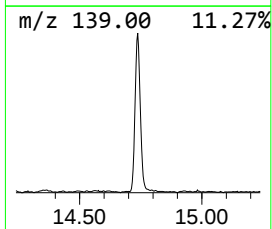
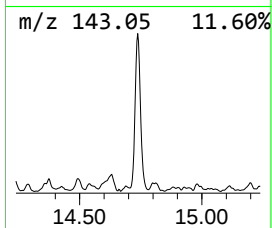
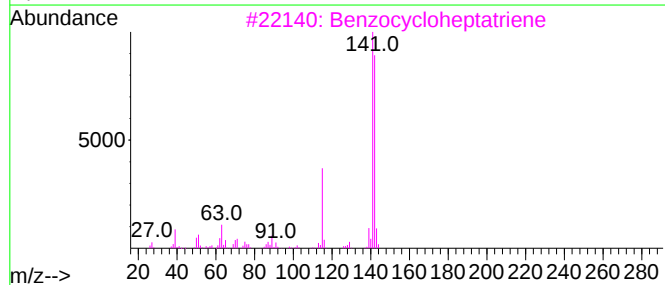
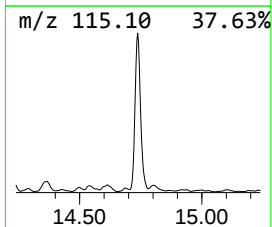
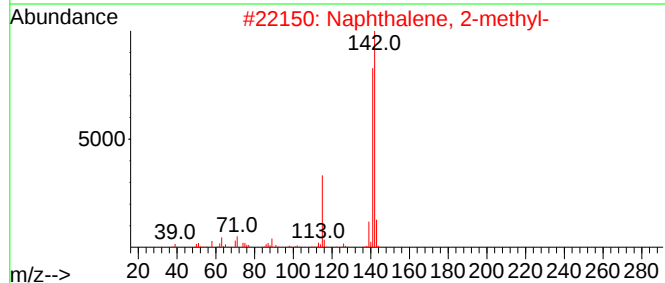
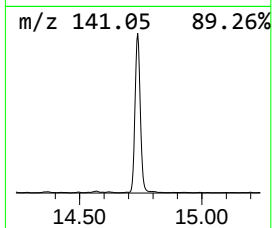
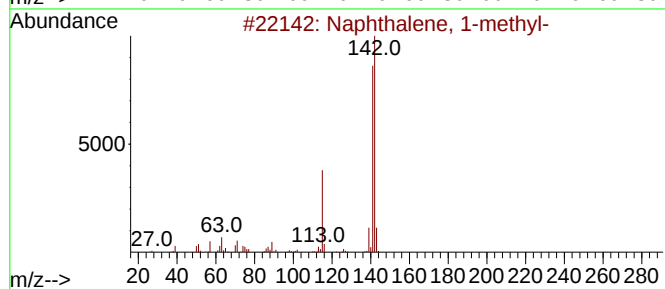
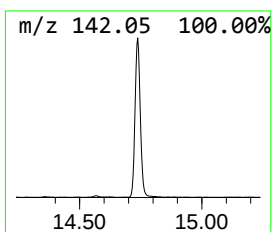
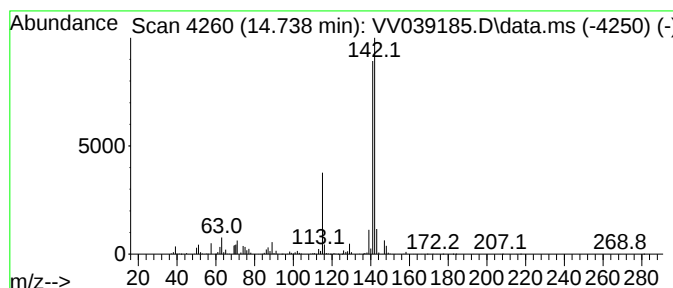
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|---------|------------------------|-------------|------|
| 14.738    | 58.42 ug/l                          | 2331980 | 1,4-Dichlorobenzene-d4 | 11.175      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#        | Qual |
| 1         | Naphthalene, 1-methyl-              | 142     | C11H10                 | 000090-12-0 | 96   |
| 2         | Naphthalene, 2-methyl-              | 142     | C11H10                 | 000091-57-6 | 96   |
| 3         | Benzocycloheptatriene               | 142     | C11H10                 | 000264-09-5 | 91   |
| 4         | 1,4-Methanonaphthalene, 1,4-dihy... | 142     | C11H10                 | 004453-90-1 | 90   |
| 5         | 1H-Indene, 1-ethylidene-            | 142     | C11H10                 | 002471-83-2 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

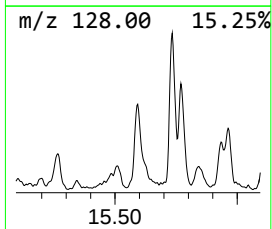
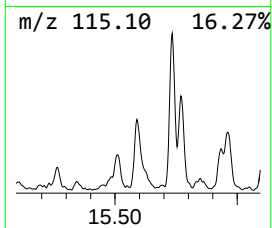
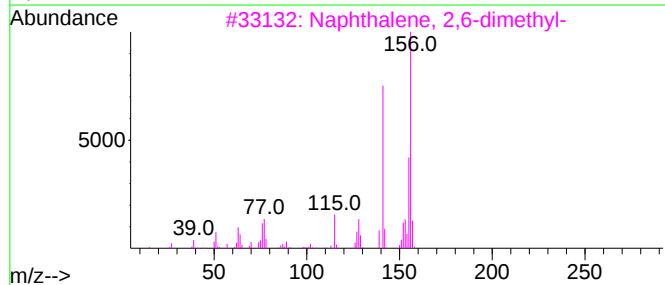
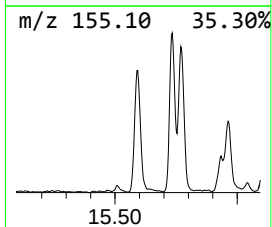
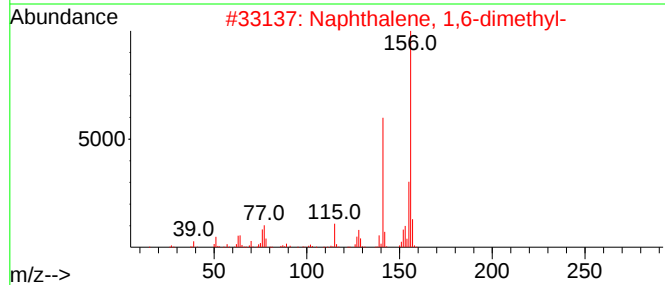
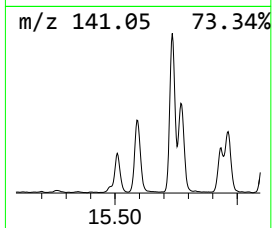
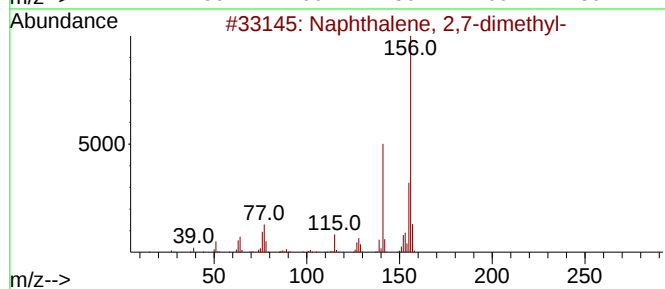
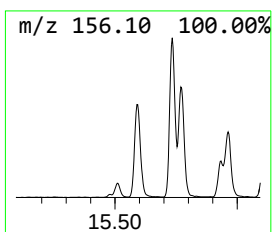
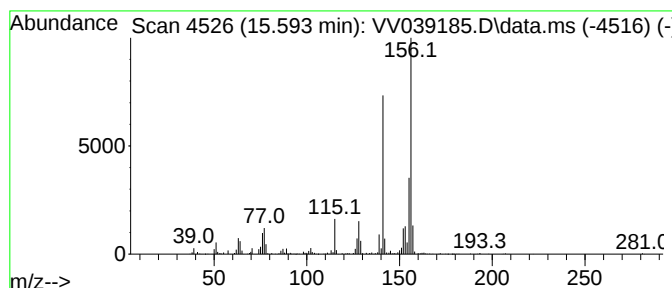
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.593 | 21.72 ug/l | 867026 | 1,4-Dichlorobenzene-d4 | 11.175 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 2    |      | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 3    |      | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 4    |      | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 5    |      | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

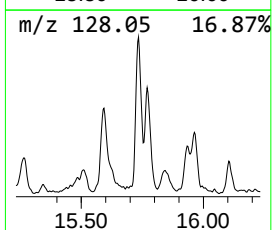
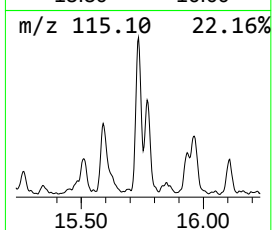
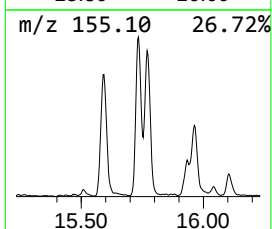
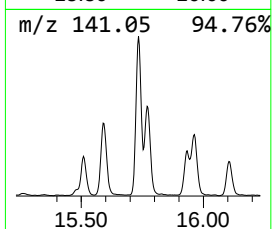
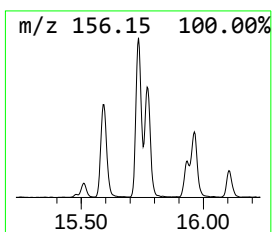
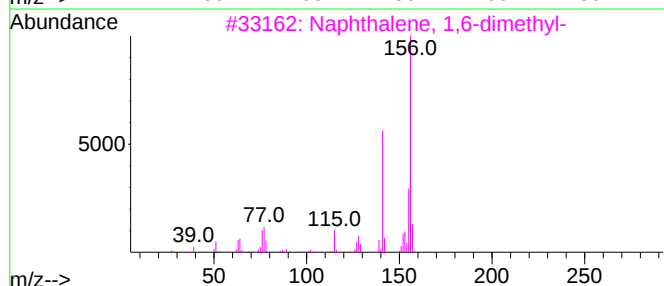
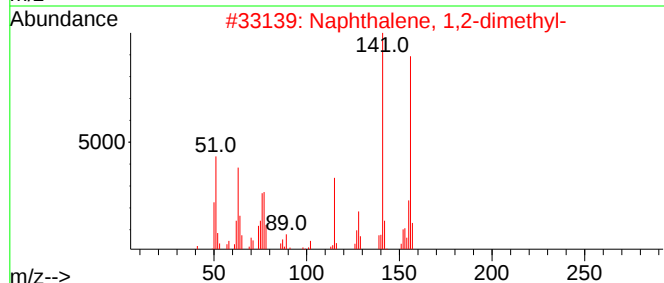
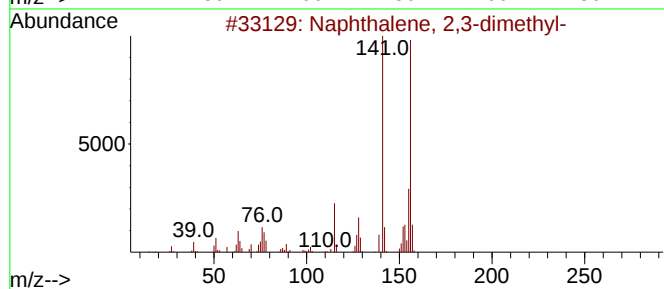
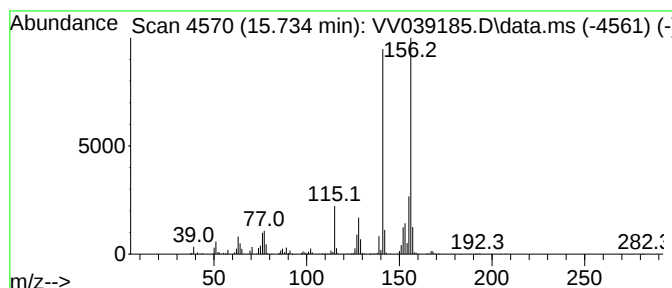
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 3

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 15.734 | 27.52 ug/l | 1098590 | 1,4-Dichlorobenzene-d4 | 11.175 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 97   |
| 3    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 5    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

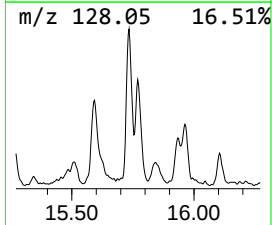
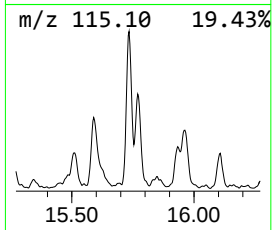
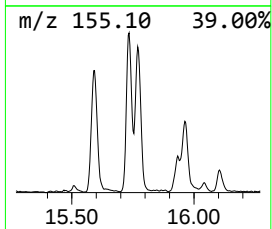
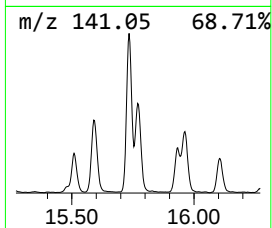
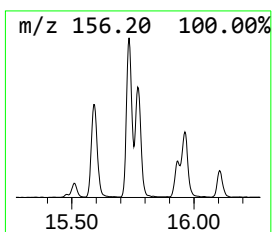
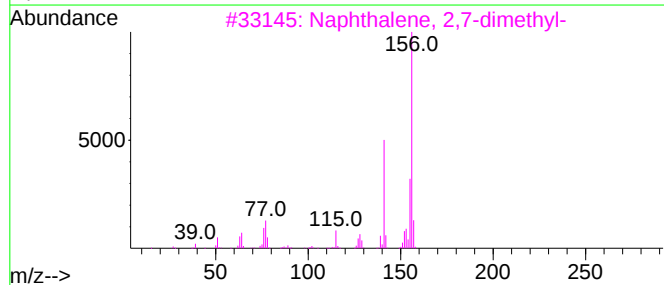
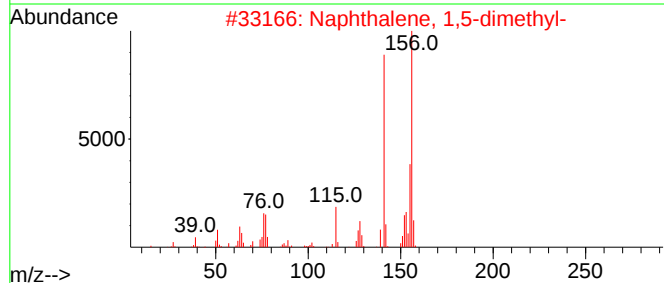
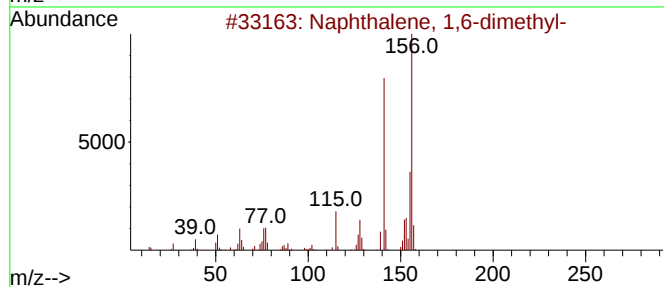
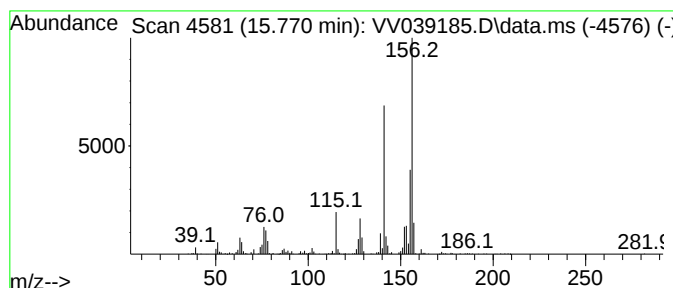
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Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.770 | 19.71 ug/l | 786743 | 1,4-Dichlorobenzene-d4 | 11.175 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 2    |      | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |
| 3    |      | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 4    |      | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 5    |      | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

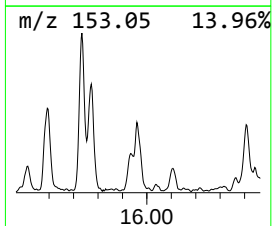
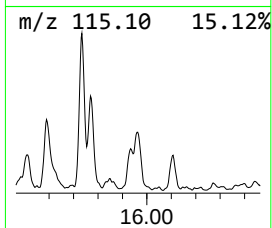
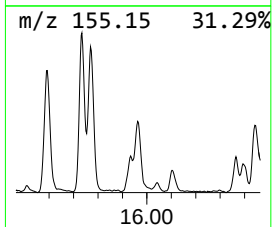
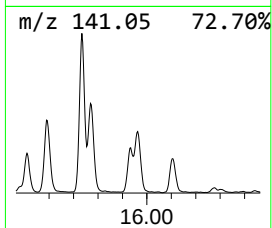
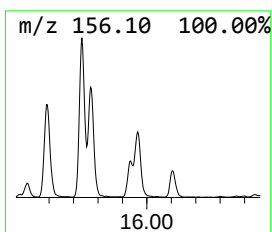
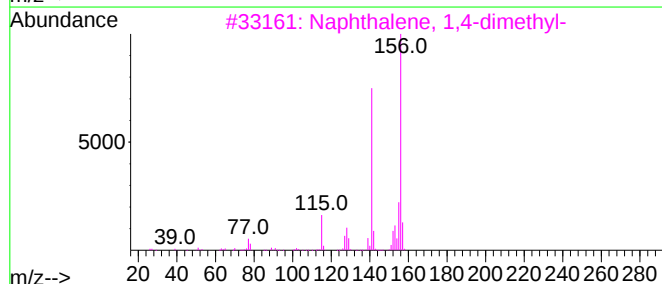
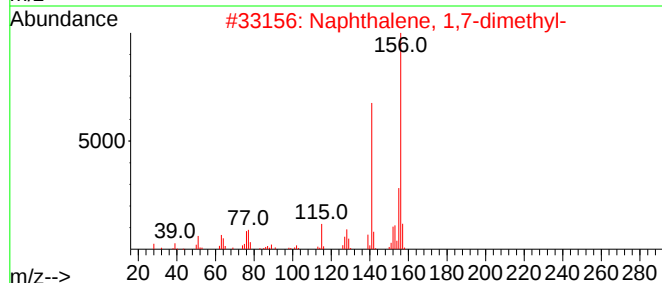
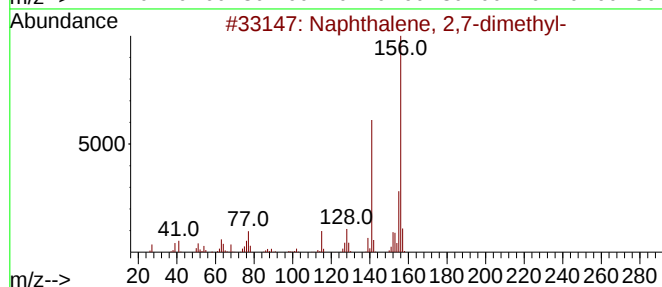
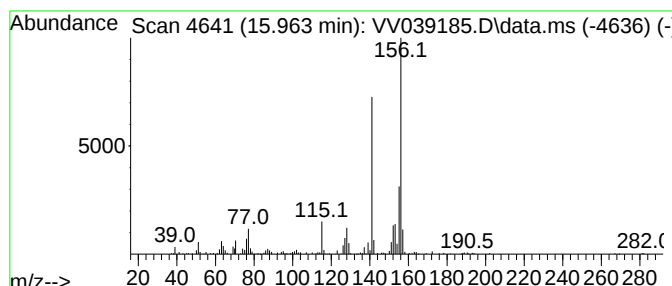
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Peak Number 15 Naphthalene, 1,7-dimethyl- Concentration Rank 13

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.963 | 11.96 ug/l | 477543 | 1,4-Dichlorobenzene-d4 | 11.175 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 2    |      | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 3    |      | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 95   |
| 4    |      | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 95   |
| 5    |      | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 94   |



5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039185.D  
Acq On : 25 Sep 2025 16:40  
Operator : SY/MD  
Sample : Q3172-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Indane             | 11.455 | 10.7    | ug/l  | 424957   | 4                     | 11.175 | 1996000 | 50.0 |
| Benzene, 1-ethy... | 11.943 | 15.6    | ug/l  | 623277   | 4                     | 11.175 | 1996000 | 50.0 |
| Benzene, 1-ethe... | 12.040 | 19.9    | ug/l  | 793605   | 4                     | 11.175 | 1996000 | 50.0 |
| Benzene, 1,2,4,... | 12.339 | 13.4    | ug/l  | 533679   | 4                     | 11.175 | 1996000 | 50.0 |
| 1H-Indene, 2,3-... | 13.291 | 11.5    | ug/l  | 459463   | 4                     | 11.175 | 1996000 | 50.0 |
| 1H-Indene, 2,3-... | 13.834 | 12.9    | ug/l  | 514269   | 4                     | 11.175 | 1996000 | 50.0 |
| Benzene, (3-met... | 14.014 | 18.6    | ug/l  | 741075   | 4                     | 11.175 | 1996000 | 50.0 |
| Naphthalene, 1-... | 14.738 | 58.4    | ug/l  | 2331980  | 4                     | 11.175 | 1996000 | 50.0 |
| Naphthalene, 2,... | 15.593 | 21.7    | ug/l  | 867026   | 4                     | 11.175 | 1996000 | 50.0 |
| Naphthalene, 2,... | 15.734 | 27.5    | ug/l  | 1098590  | 4                     | 11.175 | 1996000 | 50.0 |
| Naphthalene, 1,... | 15.770 | 19.7    | ug/l  | 786743   | 4                     | 11.175 | 1996000 | 50.0 |
| Naphthalene, 1,... | 15.963 | 12.0    | ug/l  | 477543   | 4                     | 11.175 | 1996000 | 50.0 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039148.D  
Acq On : 24 Sep 2025 13:09  
Operator : SY/MD  
Sample : VV0924WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0924WBL01

Quant Time: Sep 25 04:44:19 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 4.596  | 168  | 463770   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.532  | 114  | 858892   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.773  | 117  | 831675   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.175 | 152  | 379013   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 4.937  | 65    | 417696   | 62.230   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | =    | 124.460%# |
| 35) Dibromofluoromethane    | 4.497  | 113   | 376781   | 54.568   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | =    | 109.140%  |
| 50) Toluene-d8              | 7.236  | 98    | 894968   | 44.132   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | =    | 88.260%#  |
| 62) 4-Bromofluorobenzene    | 10.001 | 95    | 400947   | 48.026   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | =    | 96.060%   |

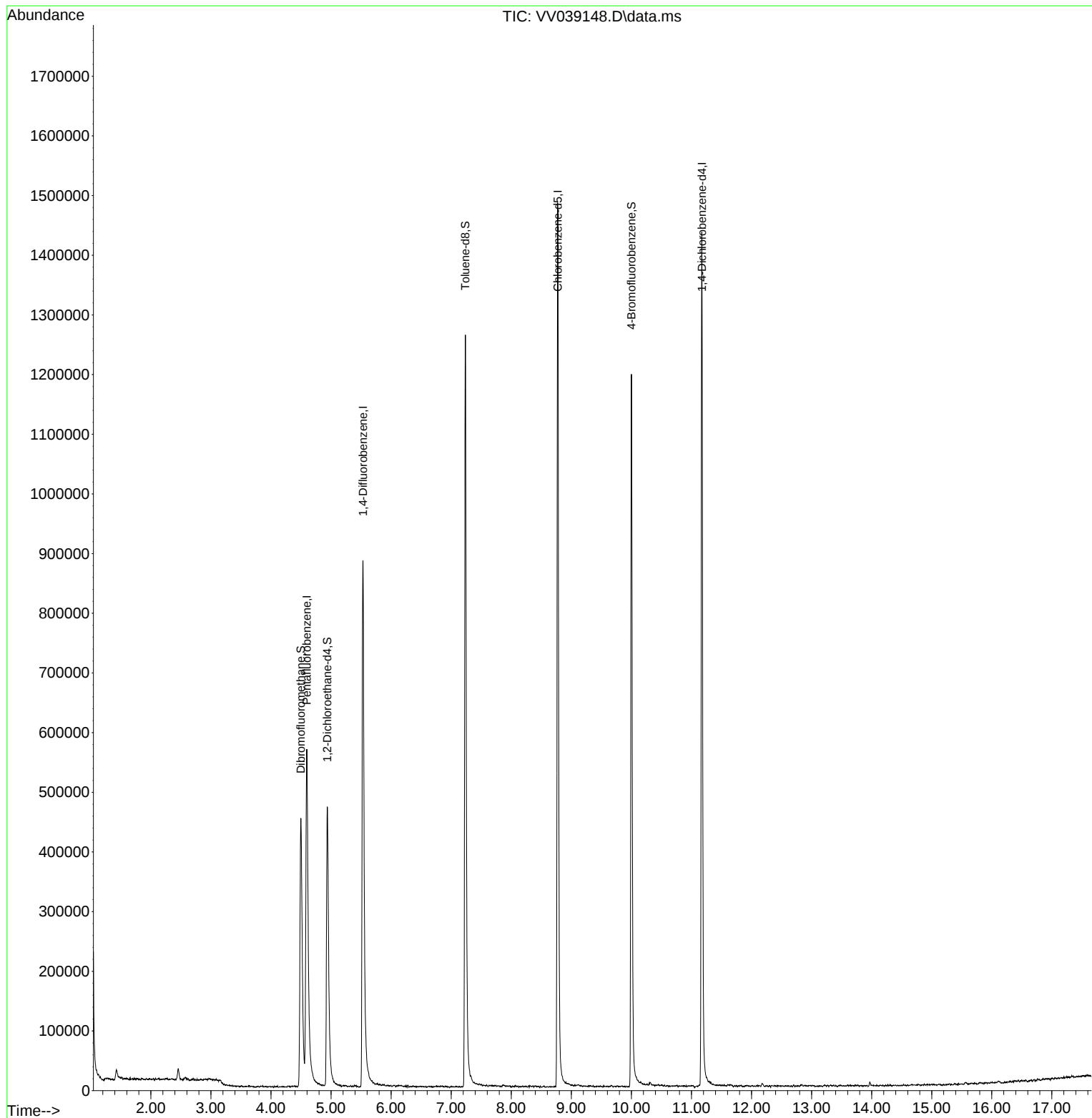
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

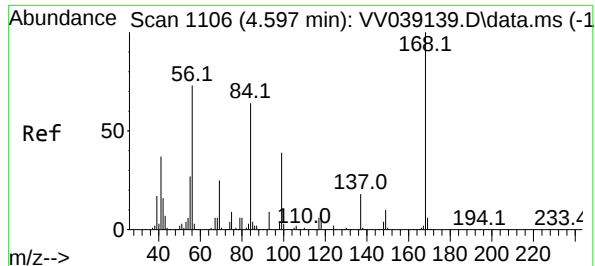
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039148.D  
Acq On : 24 Sep 2025 13:09  
Operator : SY/MD  
Sample : VV0924WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0924WBL01

Quant Time: Sep 25 04:44:19 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

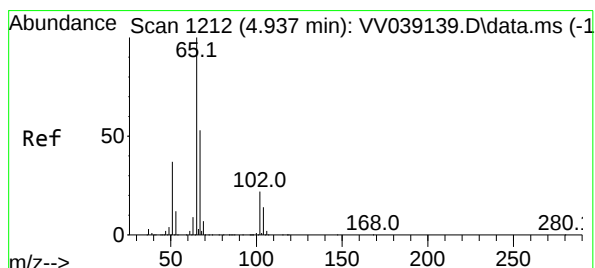
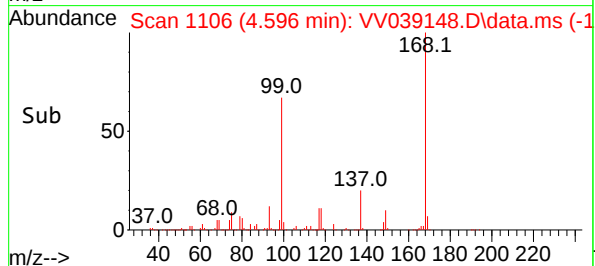
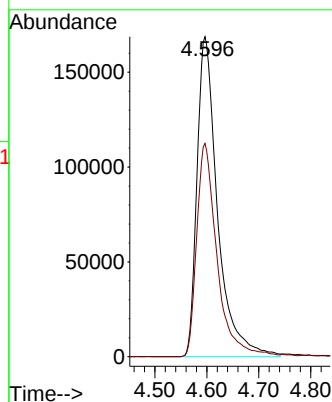
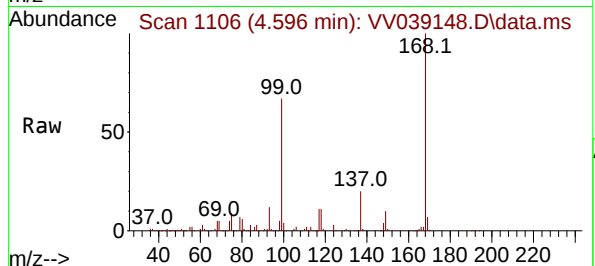




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.596 min Scan# 1106  
Delta R.T. -0.001 min  
Lab File: VV039148.D  
Acq: 24 Sep 2025 13:09

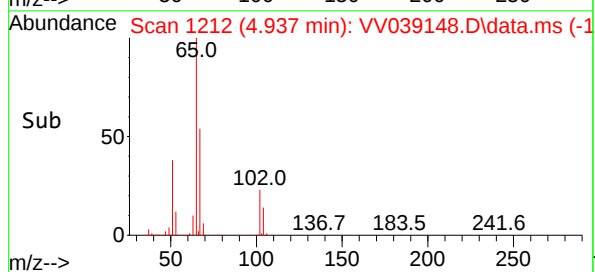
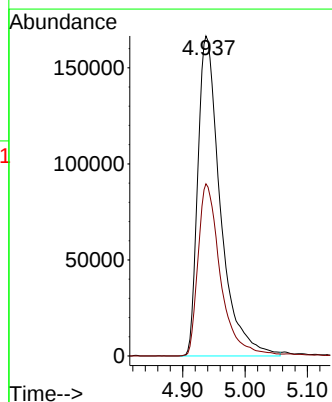
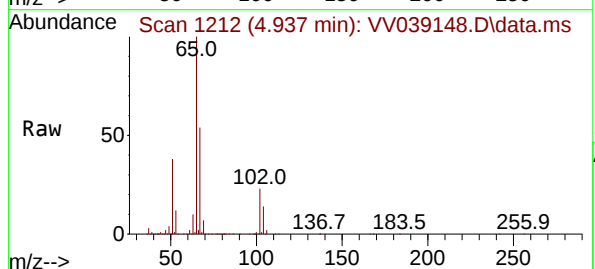
Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0924WBL01

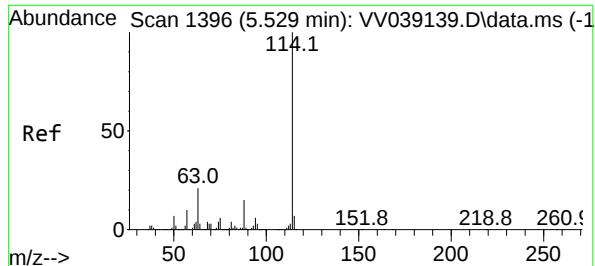
Tgt Ion:168 Resp: 463770  
Ion Ratio Lower Upper  
168 100  
99 66.7 49.6 74.4



#33  
1,2-Dichloroethane-d4  
Concen: 62.230 ug/l  
RT: 4.937 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: VV039148.D  
Acq: 24 Sep 2025 13:09

Tgt Ion: 65 Resp: 417696  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 114

Delta R.T. 0.003 min

Lab File: VV039148.D

Acq: 24 Sep 2025 13:09

Instrument :

MSVOA\_V

ClientSampleId :

VV0924WBL01

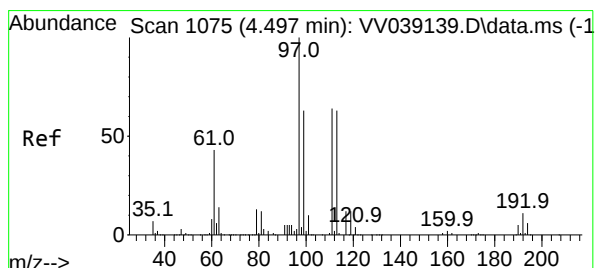
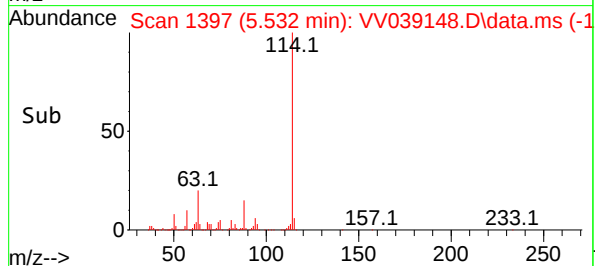
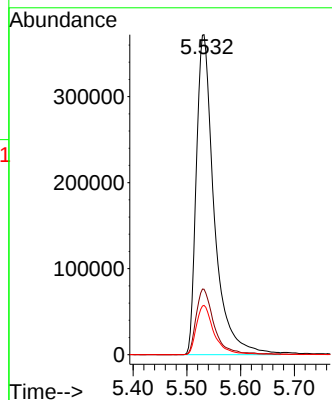
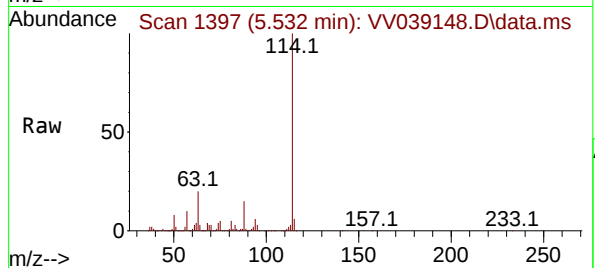
Tgt Ion:114 Resp: 858892

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.568 ug/l

RT: 4.497 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VV039148.D

Acq: 24 Sep 2025 13:09

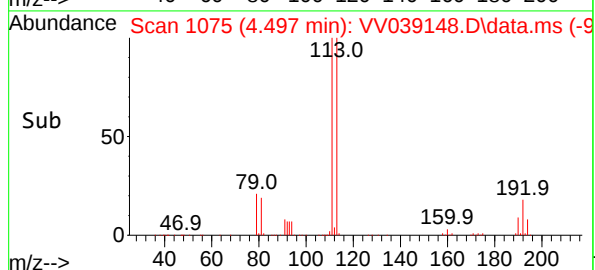
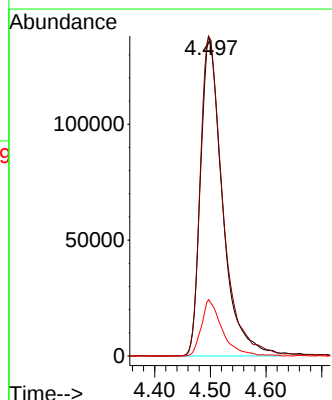
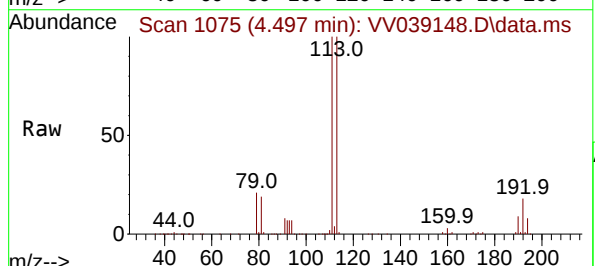
Tgt Ion:113 Resp: 376781

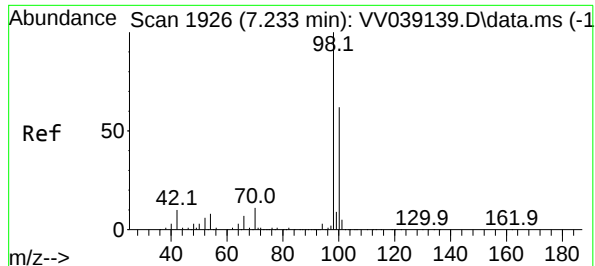
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 16.6 13.8 20.8





#50

Toluene-d8

Concen: 44.132 ug/l

RT: 7.236 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039148.D

Acq: 24 Sep 2025 13:09

Instrument :

MSVOA\_V

ClientSampleId :

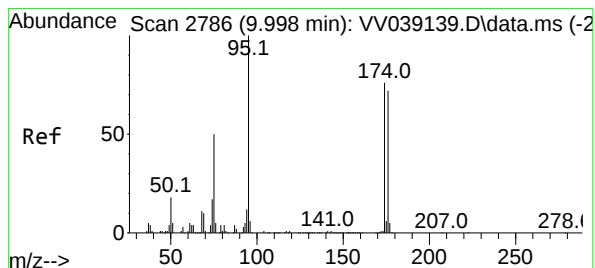
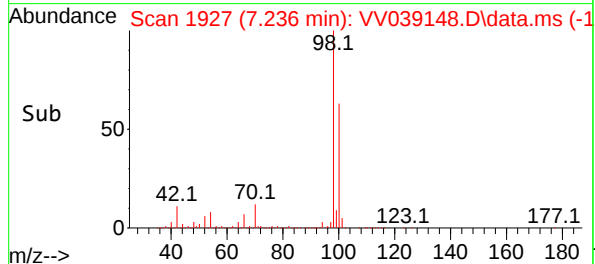
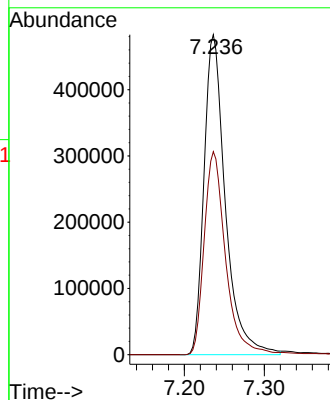
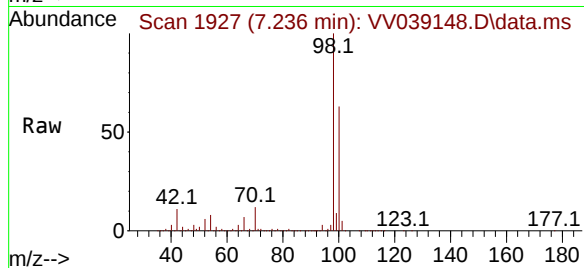
VV0924WBL01

Tgt Ion: 98 Resp: 894968

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.026 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039148.D

Acq: 24 Sep 2025 13:09

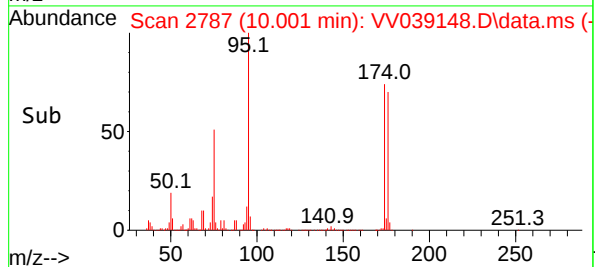
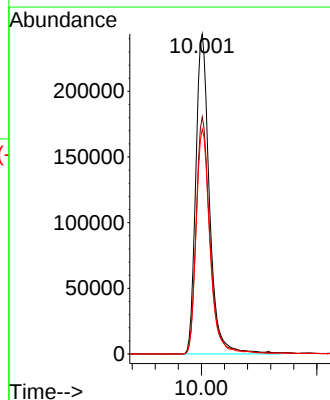
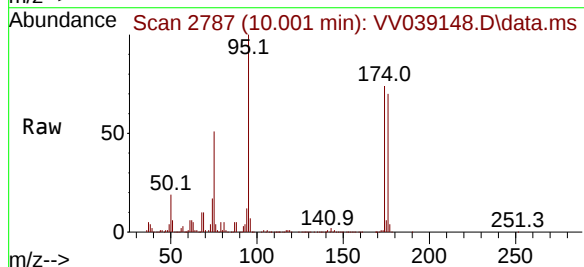
Tgt Ion: 95 Resp: 400947

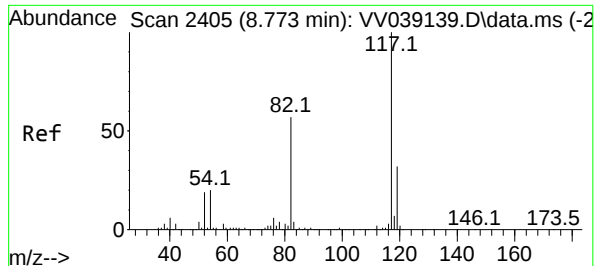
Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.4

176 70.4 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV039148.D

Acq: 24 Sep 2025 13:09

Instrument :

MSVOA\_V

ClientSampleId :

VV0924WBL01

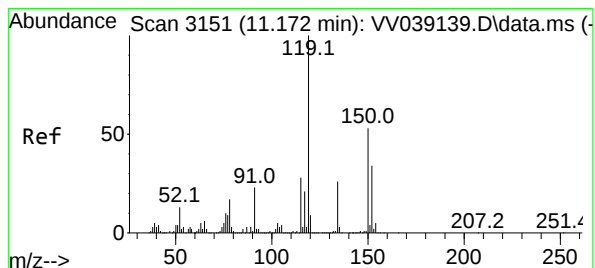
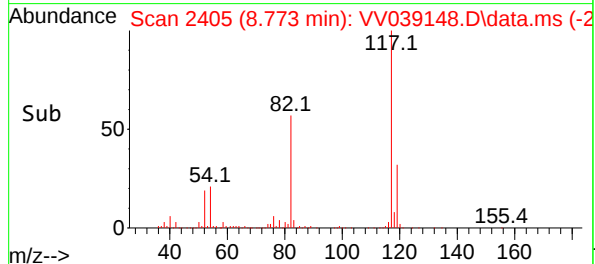
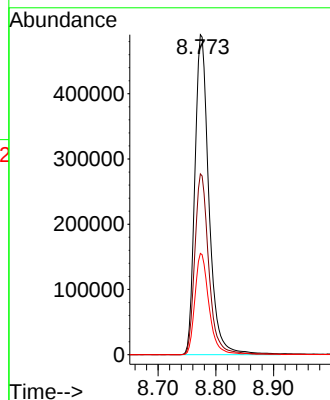
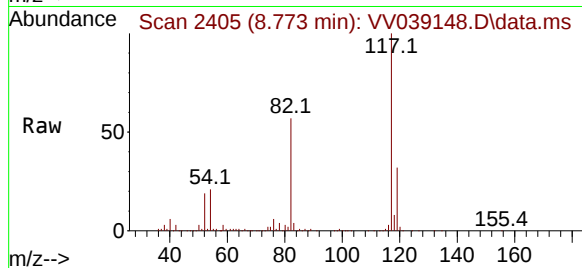
Tgt Ion:117 Resp: 831675

Ion Ratio Lower Upper

117 100

82 56.5 45.4 68.2

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV039148.D

Acq: 24 Sep 2025 13:09

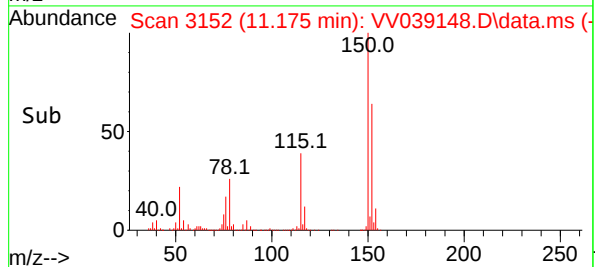
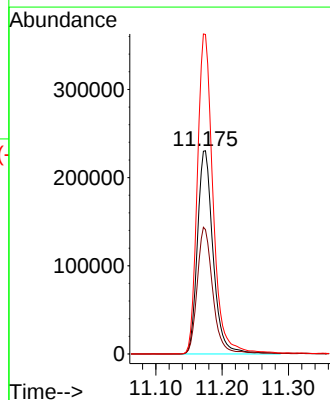
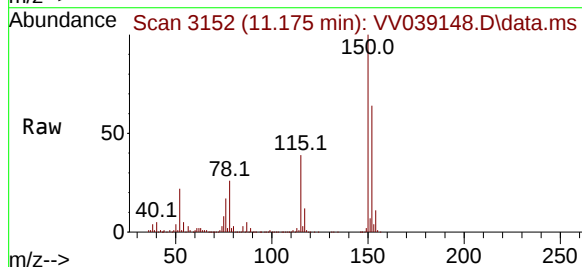
Tgt Ion:152 Resp: 379013

Ion Ratio Lower Upper

152 100

115 61.8 44.8 134.4

150 157.4 0.0 353.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039148.D  
Acq On : 24 Sep 2025 13:09  
Operator : SY/MD  
Sample : VV0924WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0924WBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M

Title : SW846 8260

Signal : TIC: VV039148.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.426       | 111           | 120         | 130          | rBV5     | 16630          | 35090         | 1.38%           | 0.230%        |
| 2         | 2.455       | 433           | 440         | 451          | rVB4     | 18087          | 31588         | 1.24%           | 0.207%        |
| 3         | 4.497       | 1057          | 1075        | 1094         | rBV2     | 450386         | 1192254       | 46.76%          | 7.800%        |
| 4         | 4.596       | 1094          | 1106        | 1145         | rVB2     | 557832         | 1545205       | 60.61%          | 10.110%       |
| 5         | 4.937       | 1195          | 1212        | 1245         | rBV      | 467561         | 1171324       | 45.94%          | 7.664%        |
| 6         | 5.532       | 1383          | 1397        | 1433         | rBV      | 882266         | 2082399       | 81.67%          | 13.624%       |
| 7         | 7.236       | 1915          | 1927        | 1952         | rBV      | 1260224        | 2372338       | 93.05%          | 15.521%       |
| 8         | 8.773       | 2395          | 2405        | 2443         | rBV      | 1482069        | 2549623       | 100.00%         | 16.681%       |
| 9         | 10.001      | 2776          | 2787        | 2809         | rBV      | 1194118        | 1970915       | 77.30%          | 12.895%       |
| 10        | 11.172      | 3140          | 3151        | 3175         | rBV      | 1430252        | 2333631       | 91.53%          | 15.268%       |

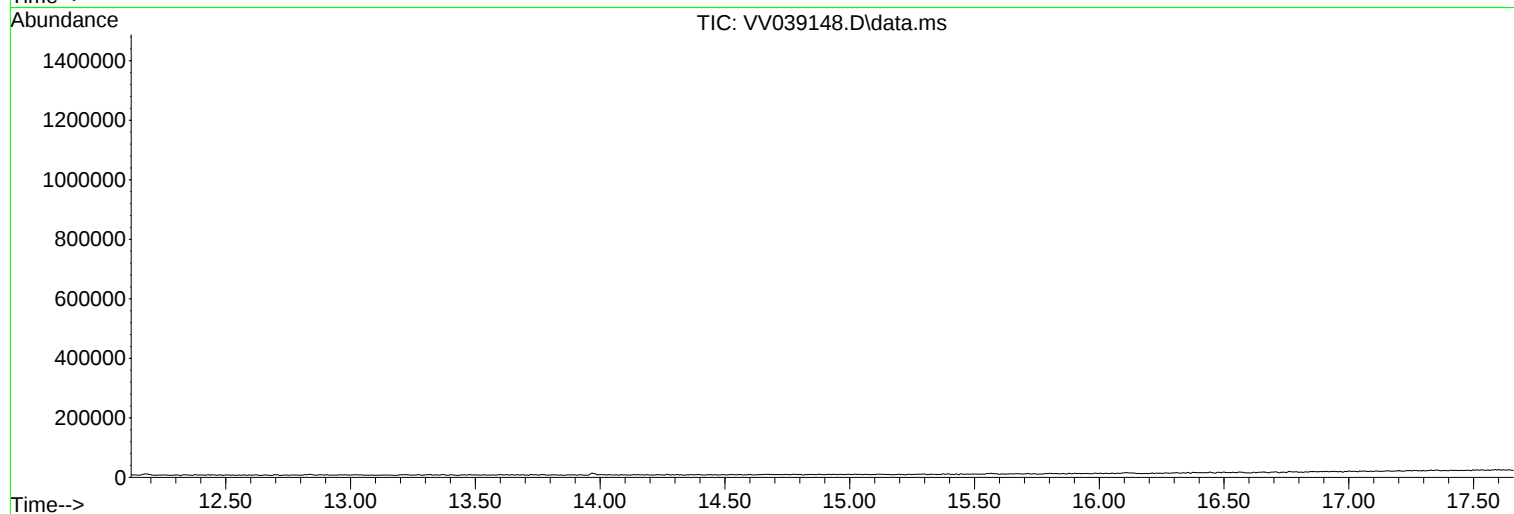
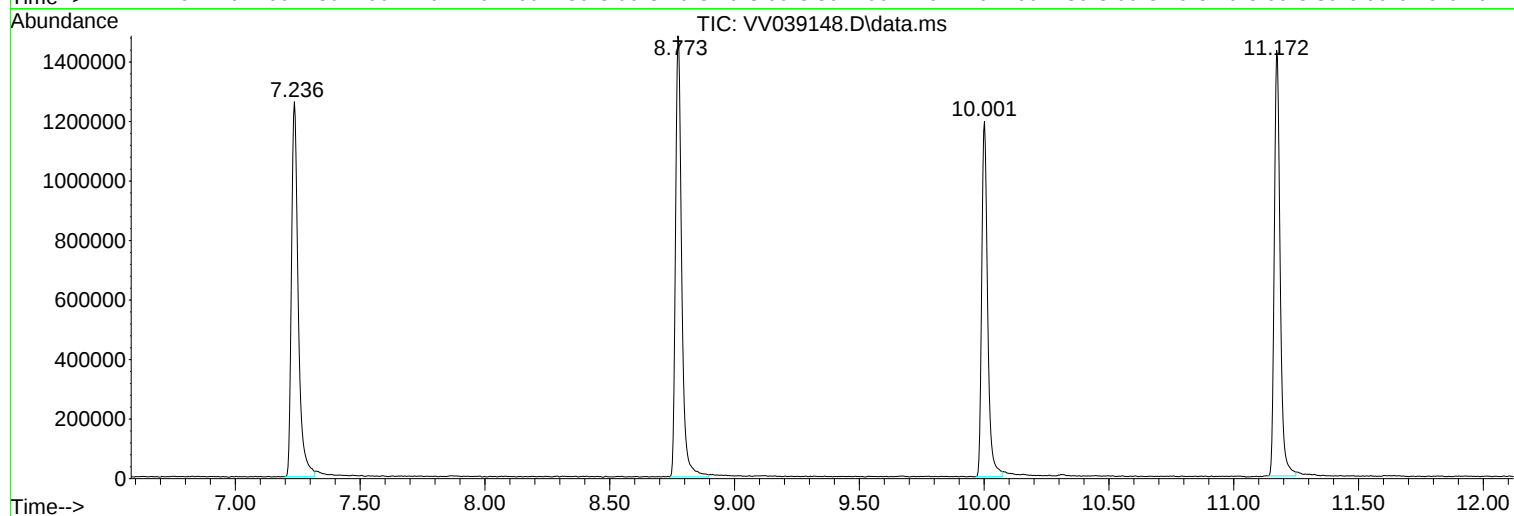
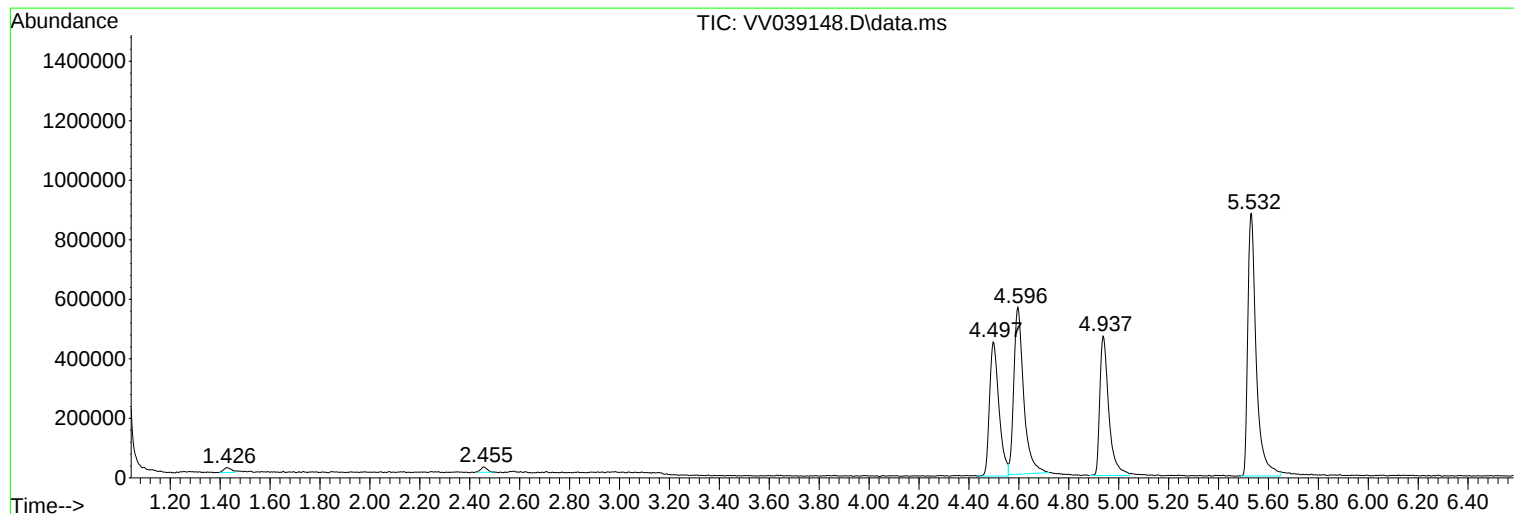
Sum of corrected areas: 15284367

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039148.D  
Acq On : 24 Sep 2025 13:09  
Operator : SY/MD  
Sample : VV0924WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039148.D  
Acq On : 24 Sep 2025 13:09  
Operator : SY/MD  
Sample : VV0924WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

5

A

B

C

D

E

F

G

H

I

J

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039148.D  
Acq On : 24 Sep 2025 13:09  
Operator : SY/MD  
Sample : VV0924WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0924WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |

5

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039170.D  
Acq On : 25 Sep 2025 11:01  
Operator : SY/MD  
Sample : VV0925WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0925WBL01

Quant Time: Sep 26 01:20:45 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 4.597  | 168  | 480047   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.532  | 114  | 864912   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.776  | 117  | 870930   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.175 | 152  | 413592   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 4.941  | 65    | 417535   | 60.097   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | =    | 120.200%# |
| 35) Dibromofluoromethane    | 4.500  | 113   | 370419   | 53.273   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | =    | 106.540%  |
| 50) Toluene-d8              | 7.236  | 98    | 965988   | 47.302   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | =    | 94.600%   |
| 62) 4-Bromofluorobenzene    | 10.001 | 95    | 371030   | 44.133   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | =    | 88.260%   |

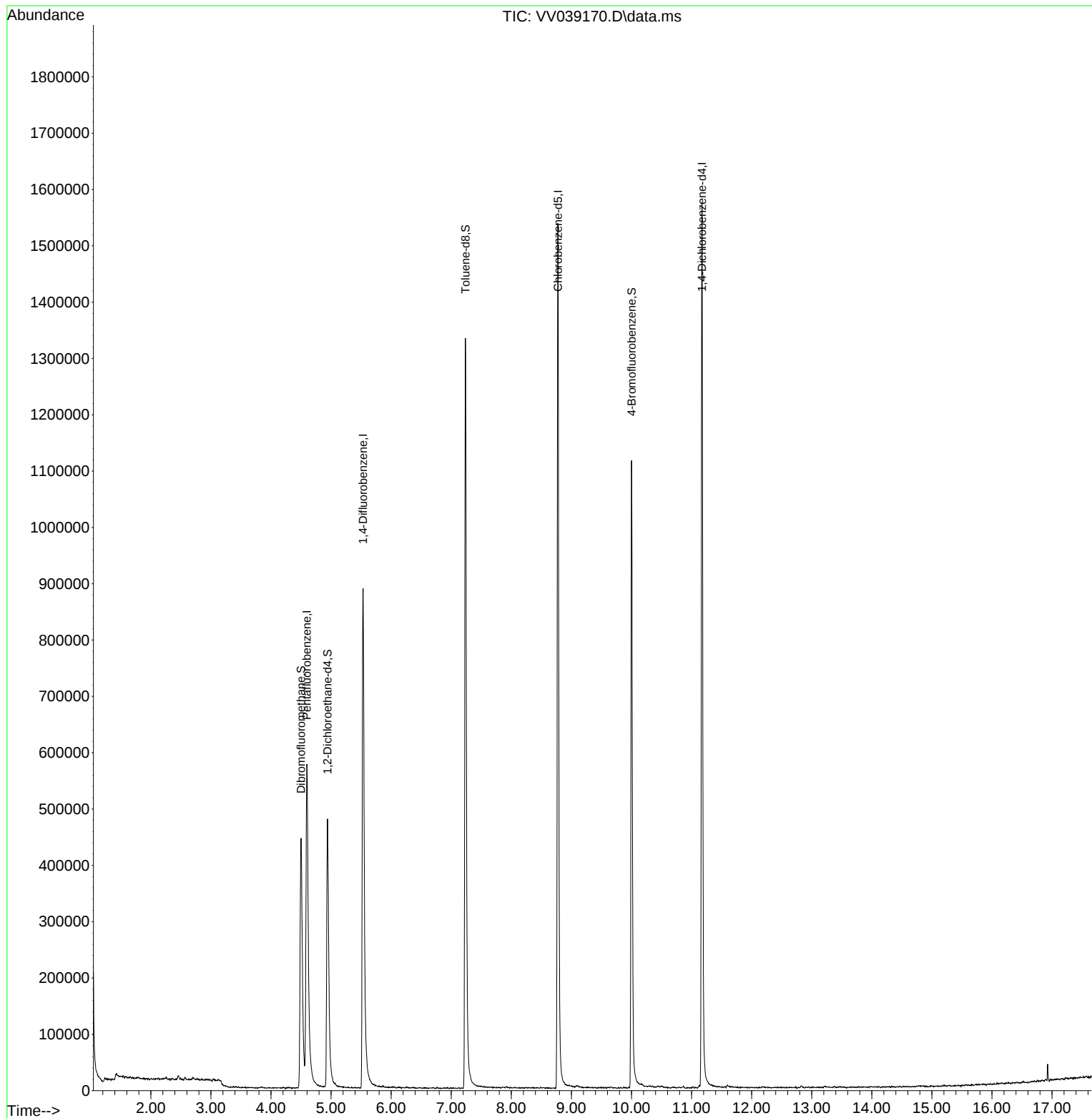
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

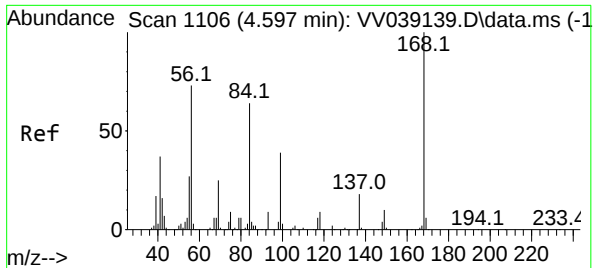
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039170.D  
Acq On : 25 Sep 2025 11:01  
Operator : SY/MD  
Sample : VV0925WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0925WBL01

Quant Time: Sep 26 01:20:45 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

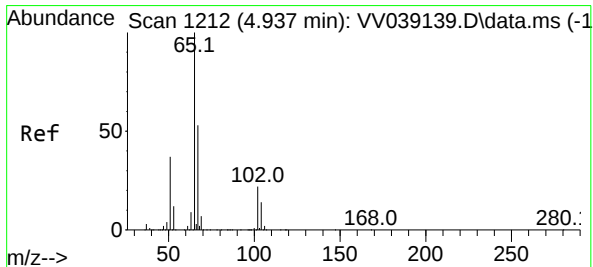
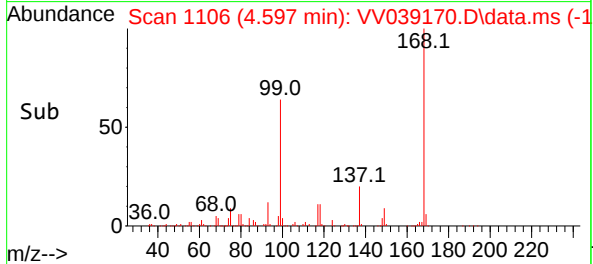
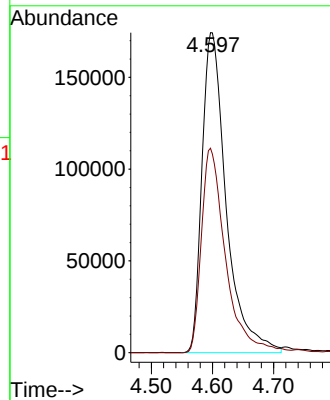
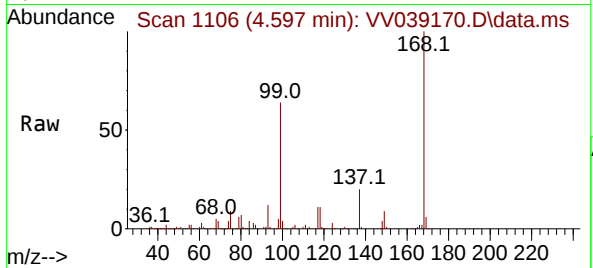




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.597 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VV039170.D  
Acq: 25 Sep 2025 11:01

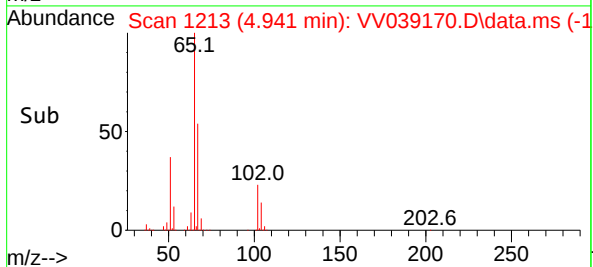
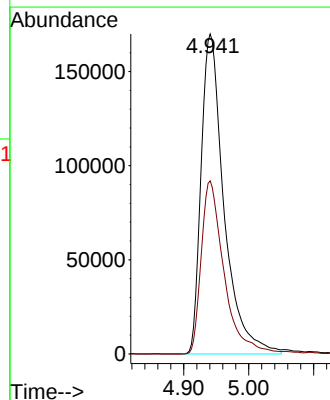
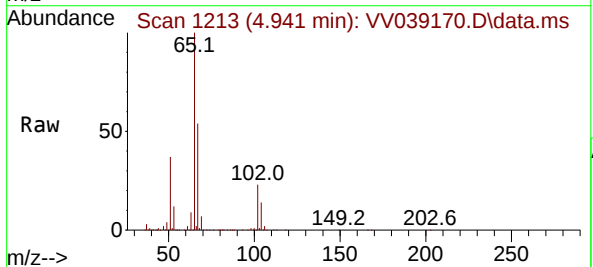
Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0925WBL01

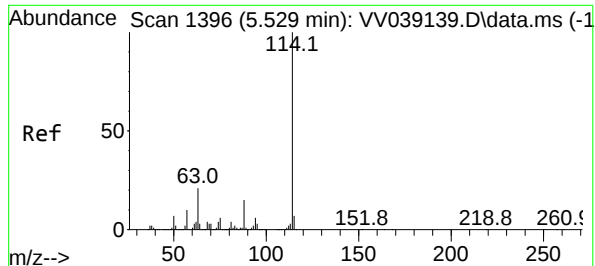
Tgt Ion:168 Resp: 480047  
Ion Ratio Lower Upper  
168 100  
99 63.9 49.6 74.4



#33  
1,2-Dichloroethane-d4  
Concen: 60.097 ug/l  
RT: 4.941 min Scan# 1213  
Delta R.T. 0.003 min  
Lab File: VV039170.D  
Acq: 25 Sep 2025 11:01

Tgt Ion: 65 Resp: 417535  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039170.D

Acq: 25 Sep 2025 11:01

Instrument :

MSVOA\_V

ClientSampleId :

VV0925WBL01

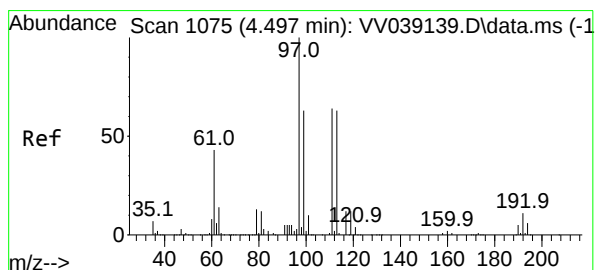
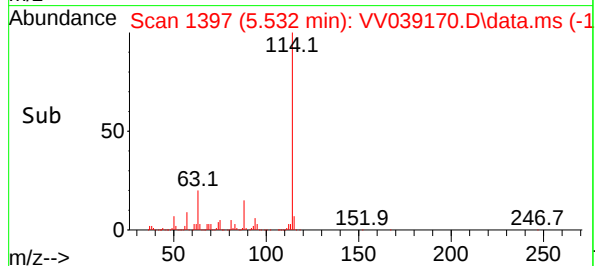
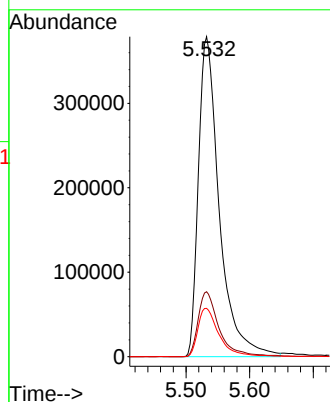
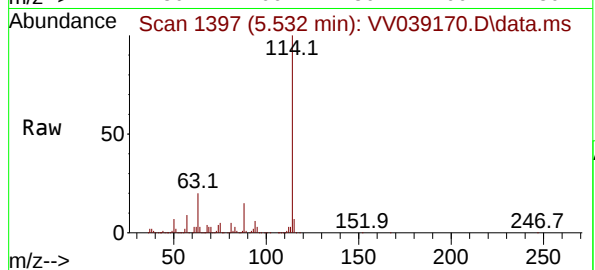
Tgt Ion:114 Resp: 864912

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.273 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV039170.D

Acq: 25 Sep 2025 11:01

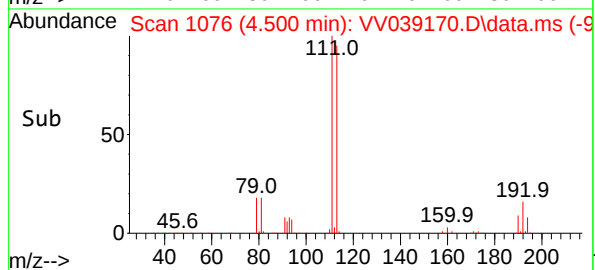
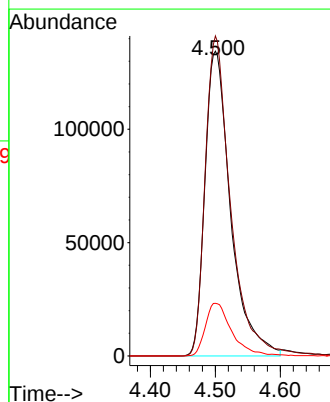
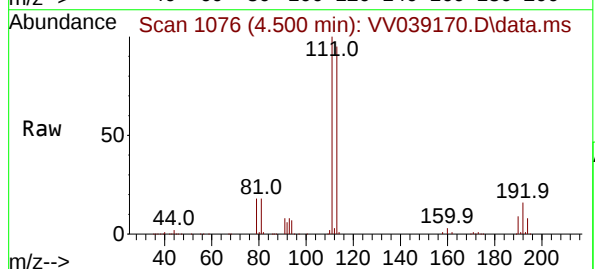
Tgt Ion:113 Resp: 370419

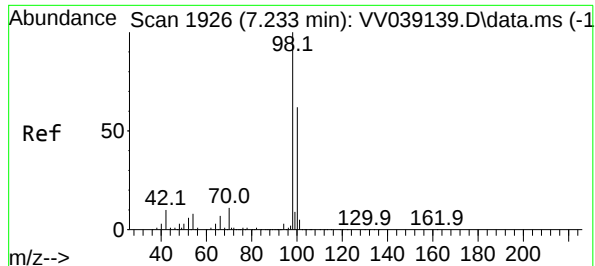
Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 17.8 13.8 20.8

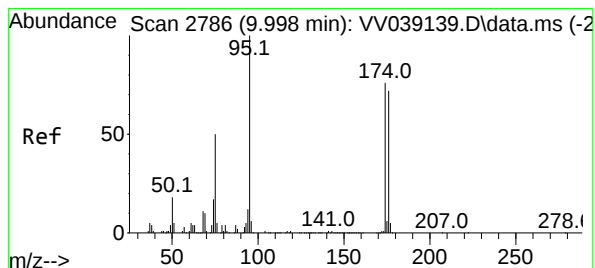
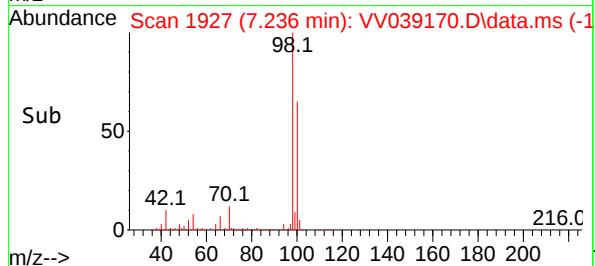
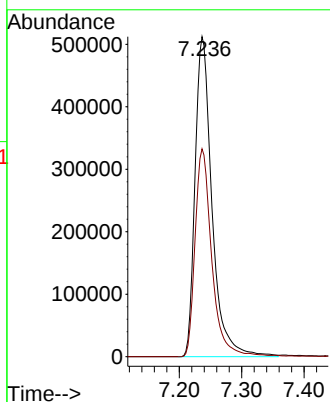
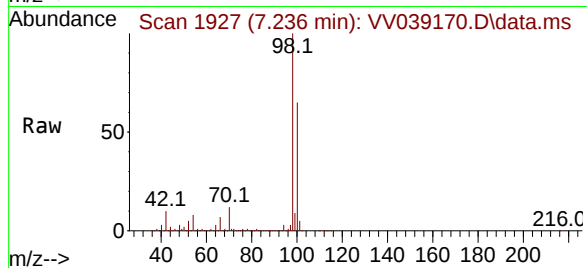




#50  
Toluene-d8  
Concen: 47.302 ug/l  
RT: 7.236 min Scan# 1926  
Delta R.T. 0.003 min  
Lab File: VV039170.D  
Acq: 25 Sep 2025 11:01

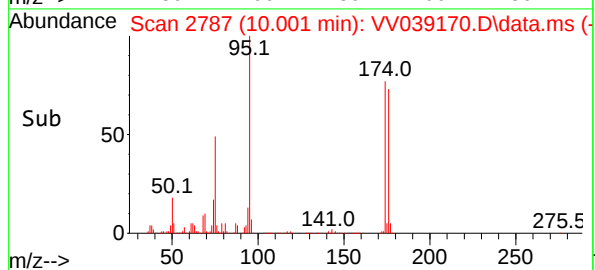
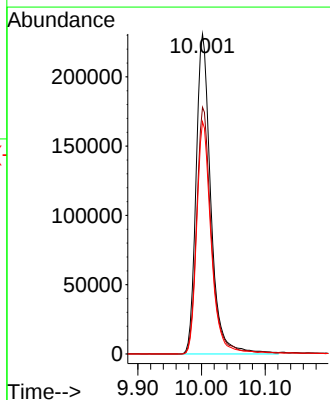
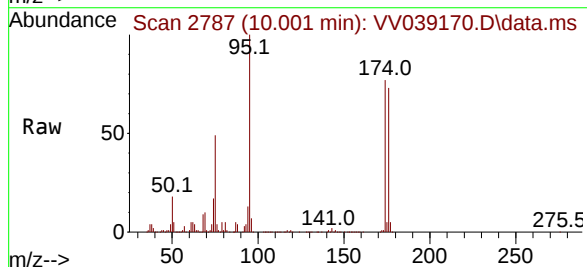
Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0925WBL01

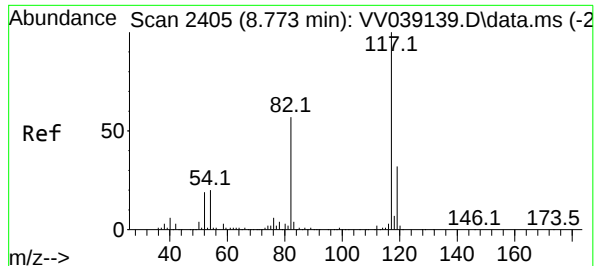
Tgt Ion: 98 Resp: 965988  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.2 78.2



#62  
4-Bromofluorobenzene  
Concen: 44.133 ug/l  
RT: 10.001 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VV039170.D  
Acq: 25 Sep 2025 11:01

Tgt Ion: 95 Resp: 371030  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 150.4  
176 71.4 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039170.D

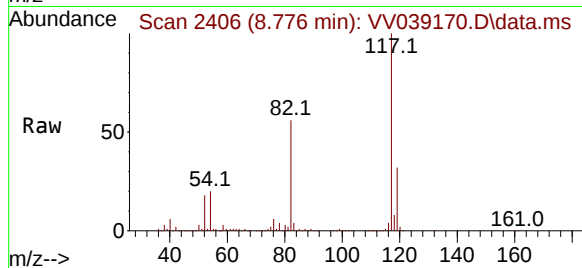
Acq: 25 Sep 2025 11:01

Instrument :

MSVOA\_V

ClientSampleId :

VV0925WBL01



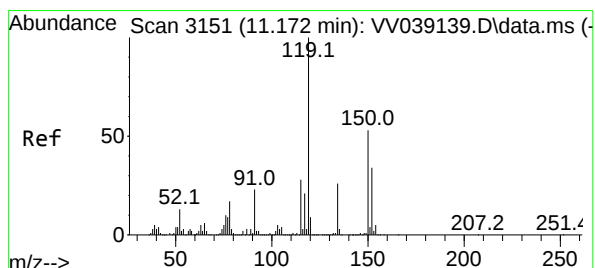
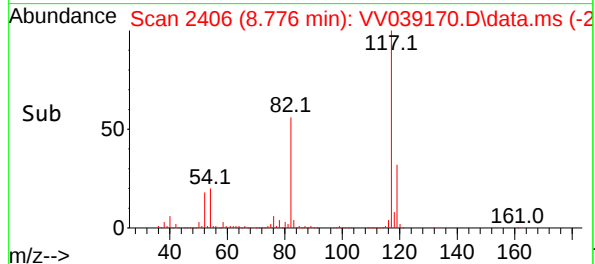
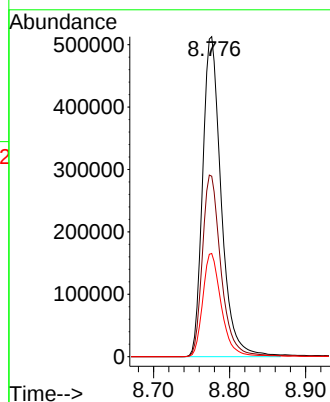
Tgt Ion:117 Resp: 870930

Ion Ratio Lower Upper

117 100

82 56.4 45.4 68.2

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV039170.D

Acq: 25 Sep 2025 11:01

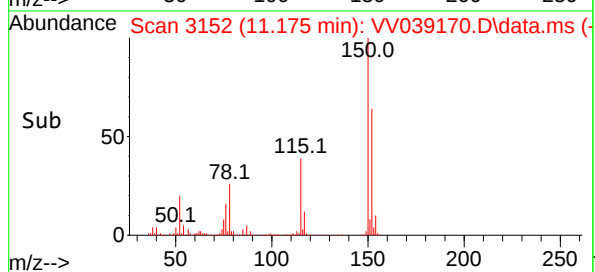
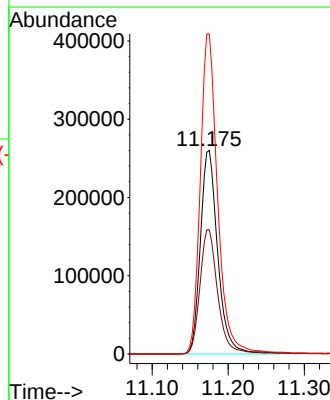
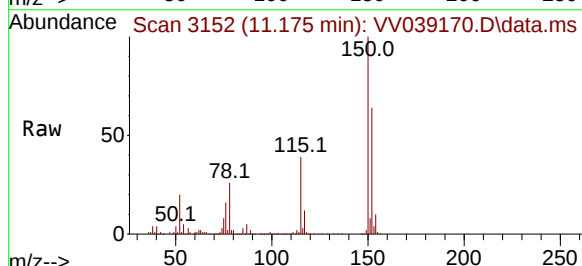
Tgt Ion:152 Resp: 413592

Ion Ratio Lower Upper

152 100

115 62.1 44.8 134.4

150 158.0 0.0 353.8



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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039170.D  
Acq On : 25 Sep 2025 11:01  
Operator : SY/MD  
Sample : VV0925WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0925WBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M

Title : SW846 8260

Signal : TIC: VV039170.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.500       | 1060          | 1076        | 1095         | rBV      | 443480         | 1175595       | 44.03%          | 7.554%        |
| 2         | 4.597       | 1095          | 1106        | 1148         | rVB      | 568175         | 1566147       | 58.66%          | 10.064%       |
| 3         | 4.941       | 1200          | 1213        | 1243         | rBV      | 475406         | 1163011       | 43.56%          | 7.473%        |
| 4         | 5.532       | 1383          | 1397        | 1436         | rBV      | 887588         | 2082143       | 77.99%          | 13.379%       |
| 5         | 7.236       | 1916          | 1927        | 1970         | rBV      | 1332205        | 2555376       | 95.72%          | 16.420%       |
| 6         | 8.773       | 2395          | 2405        | 2437         | rBV      | 1535667        | 2669706       | 100.00%         | 17.155%       |
| 7         | 10.001      | 2776          | 2787        | 2816         | rBV      | 1114083        | 1822624       | 68.27%          | 11.712%       |
| 8         | 11.172      | 3140          | 3151        | 3183         | rBV      | 1569081        | 2527734       | 94.68%          | 16.243%       |

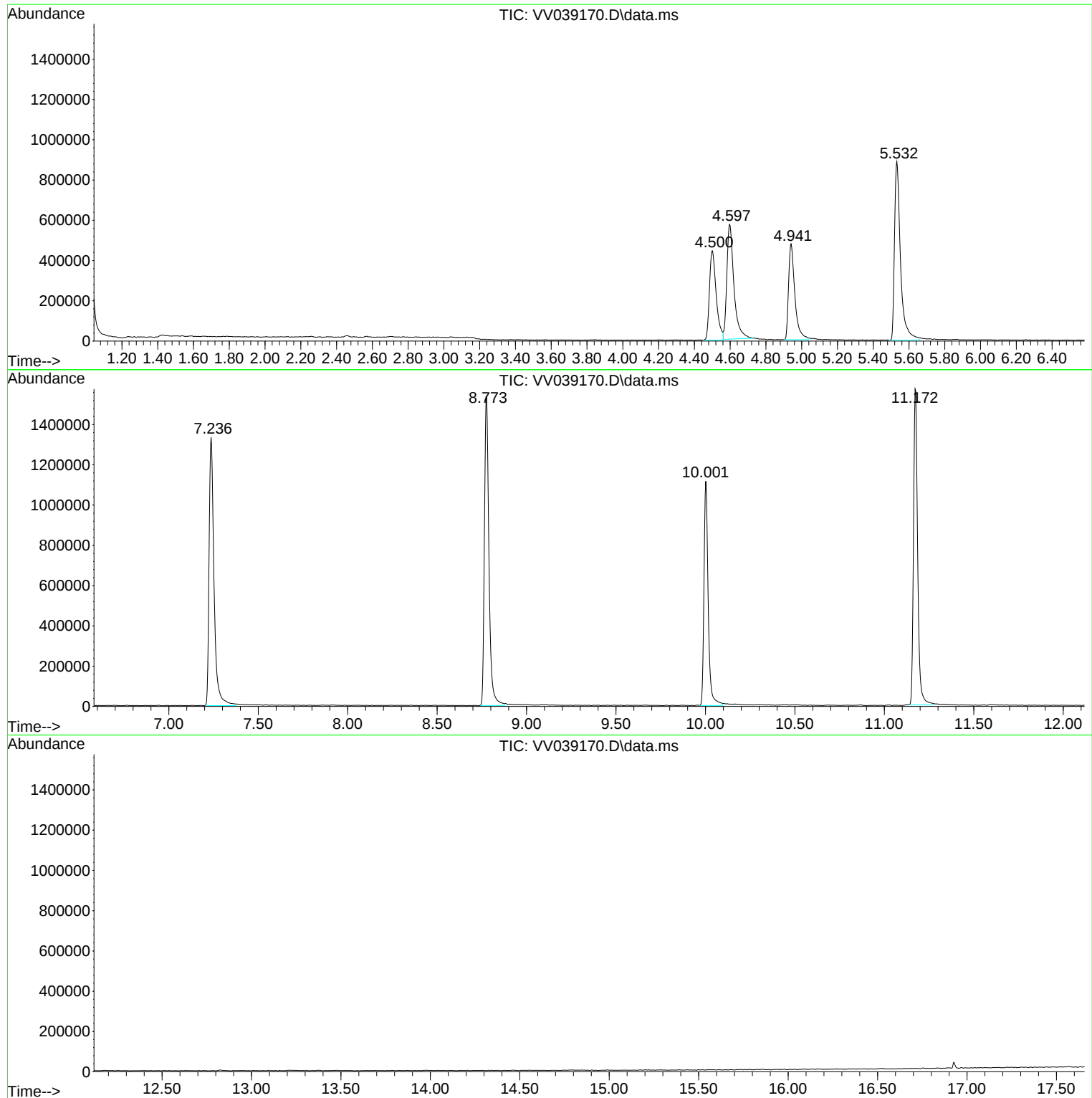
Sum of corrected areas: 15562336

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039170.D  
Acq On : 25 Sep 2025 11:01  
Operator : SY/MD  
Sample : VV0925WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0925WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039170.D  
Acq On : 25 Sep 2025 11:01  
Operator : SY/MD  
Sample : VV0925WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0925WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039170.D  
Acq On : 25 Sep 2025 11:01  
Operator : SY/MD  
Sample : VV0925WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0925WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
 Data File : VV039150.D  
 Acq On : 24 Sep 2025 14:01  
 Operator : SY/MD  
 Sample : VV0924WBS02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VV0924WBS02

Quant Time: Sep 25 04:45:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 4.600  | 168   | 492318   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 5.532  | 114   | 795602   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 8.776  | 117   | 784865   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.172 | 152   | 468522   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 4.941  | 65    | 349518   | 49.053   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 81 - 118 | Recovery | =      | 98.100%  |
| 35) Dibromofluoromethane     | 4.500  | 113   | 319944   | 50.023   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 80 - 119 | Recovery | =      | 100.040% |
| 50) Toluene-d8               | 7.236  | 98    | 929285   | 49.469   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 89 - 112 | Recovery | =      | 98.940%  |
| 62) 4-Bromofluorobenzene     | 10.002 | 95    | 402187   | 52.007   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 85 - 114 | Recovery | =      | 104.020% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.121  | 85    | 148756   | 19.087   | ug/l   | 99       |
| 3) Chloromethane             | 1.230  | 50    | 159926   | 19.115   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.298  | 62    | 173519   | 19.373   | ug/l   | 100      |
| 5) Bromomethane              | 1.497  | 94    | 117993   | 20.897   | ug/l   | 100      |
| 6) Chloroethane              | 1.561  | 64    | 117810   | 21.073   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.725  | 101   | 259123   | 19.982   | ug/l   | 99       |
| 8) Diethyl Ether             | 1.918  | 74    | 101938   | 21.175   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.082  | 101   | 151673   | 19.657   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.198  | 142   | 155103   | 21.109   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.568  | 59    | 166515   | 110.571  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.082  | 96    | 148258   | 19.973   | ug/l   | 96       |
| 13) Acrolein                 | 2.011  | 56    | 30535    | 116.851  | ug/l   | 97       |
| 14) Allyl chloride           | 2.359  | 41    | 270301   | 20.386   | ug/l   | 98       |
| 15) Acrylonitrile            | 2.674  | 53    | 510399   | 105.726  | ug/l   | 100      |
| 16) Acetone                  | 2.118  | 43    | 500511   | 107.135  | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.253  | 76    | 445608   | 19.629   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.381  | 43    | 236287   | 22.381   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 2.712  | 73    | 494520   | 20.907   | ug/l   | 96       |
| 20) Methylene Chloride       | 2.458  | 84    | 185787   | 22.678   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 2.703  | 96    | 155320   | 19.655   | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.217  | 45    | 514292   | 20.273   | ug/l   | 85       |
| 23) Vinyl Acetate            | 3.192  | 43    | 2297382  | 103.522  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.118  | 63    | 304665   | 19.638   | ug/l   | 99       |
| 25) 2-Butanone               | 3.870  | 43    | 603602   | 105.789  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 3.812  | 77    | 246178   | 17.897   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 3.822  | 96    | 170071   | 19.514   | ug/l   | 100      |
| 28) Bromochloromethane       | 4.146  | 49    | 138833   | 20.271   | ug/l   | 96       |
| 29) Tetrahydrofuran          | 4.240  | 42    | 389964   | 109.192  | ug/l   | 100      |
| 30) Chloroform               | 4.278  | 83    | 322270   | 19.894   | ug/l   | 99       |
| 31) Cyclohexane              | 4.584  | 56    | 238107   | 18.736   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 4.513  | 97    | 279806   | 19.951   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 4.745  | 75    | 187909   | 19.432   | ug/l   | 98       |
| 37) Ethyl Acetate            | 3.982  | 43    | 243790   | 20.776   | ug/l   | # 92     |
| 38) Carbon Tetrachloride     | 4.735  | 117   | 232933   | 19.709   | ug/l   | 100      |
| 39) Methylcyclohexane        | 6.047  | 83    | 228816   | 19.594   | ug/l   | 96       |
| 40) Benzene                  | 5.011  | 78    | 633991   | 20.134   | ug/l   | 97       |

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
 Data File : VV039150.D  
 Acq On : 24 Sep 2025 14:01  
 Operator : SY/MD  
 Sample : VV0924WBS02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VV0924WBS02

Quant Time: Sep 25 04:45:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.166  | 41   | 96391    | 19.385  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 5.040  | 62   | 228142   | 20.677  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.195  | 43   | 337530   | 21.097  | ug/l   | 99       |
| 44) Trichloroethene           | 5.831  | 130  | 147483   | 20.297  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.092  | 63   | 163901   | 20.941  | ug/l   | 96       |
| 46) Dibromomethane            | 6.227  | 93   | 126157   | 21.059  | ug/l   | 99       |
| 47) Bromodichloromethane      | 6.426  | 83   | 254692   | 20.565  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.301  | 41   | 145228   | 20.025  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 6.294  | 88   | 46282    | 395.445 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 7.150  | 43   | 1236058  | 117.436 | ug/l   | 98       |
| 52) Toluene                   | 7.310  | 92   | 398034   | 21.801  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 7.577  | 75   | 233157   | 21.603  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 6.950  | 75   | 256176   | 21.501  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 7.764  | 97   | 171861   | 20.993  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 7.719  | 69   | 198833   | 20.452  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 7.934  | 76   | 277597   | 21.486  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 6.815  | 63   | 517964   | 100.347 | ug/l   | 99       |
| 59) 2-Hexanone                | 8.066  | 43   | 894828   | 106.669 | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.166  | 129  | 191297   | 20.508  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.275  | 107  | 179580   | 21.450  | ug/l   | 99       |
| 64) Tetrachloroethene         | 7.899  | 164  | 132876   | 20.213  | ug/l   | 98       |
| 65) Chlorobenzene             | 8.805  | 112  | 432358   | 19.777  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 8.899  | 131  | 156609   | 19.826  | ug/l   | 100      |
| 67) Ethyl Benzene             | 8.937  | 91   | 658467   | 19.898  | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.063  | 106  | 551462   | 43.176  | ug/l   | 99       |
| 69) o-Xylene                  | 9.468  | 106  | 230630   | 20.393  | ug/l   | 98       |
| 70) Styrene                   | 9.487  | 104  | 431651   | 18.940  | ug/l   | 98       |
| 71) Bromoform                 | 9.654  | 173  | 131945   | 21.384  | ug/l # | 98       |
| 73) Isopropylbenzene          | 9.857  | 105  | 671517   | 19.761  | ug/l   | 100      |
| 74) N-amyl acetate            | 9.725  | 43   | 283249   | 20.897  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.166 | 83   | 286264   | 19.226  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.198 | 75   | 206903   | 19.396  | ug/l   | 100      |
| 77) Bromobenzene              | 10.140 | 156  | 173461   | 19.674  | ug/l   | 99       |
| 78) n-propylbenzene           | 10.278 | 91   | 836225   | 20.207  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.349 | 91   | 511892   | 20.673  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 10.465 | 105  | 583511   | 20.659  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 9.931  | 75   | 86872    | 19.550  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 10.465 | 91   | 594451   | 20.703  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 10.789 | 119  | 525337   | 18.652  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 10.841 | 105  | 564955   | 20.602  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.014 | 105  | 728021   | 19.488  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.169 | 119  | 612071   | 19.685  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.108 | 146  | 349017   | 19.560  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.198 | 146  | 375846   | 19.199  | ug/l   | 99       |
| 89) n-Butylbenzene            | 11.580 | 91   | 577604   | 19.451  | ug/l   | 98       |
| 90) Hexachloroethane          | 11.821 | 117  | 135944   | 17.755  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 11.567 | 146  | 316105   | 18.962  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.352 | 75   | 56358    | 21.271  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.185 | 180  | 178967   | 18.728  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.368 | 225  | 89231    | 17.970  | ug/l   | 99       |
| 95) Naphthalene               | 13.426 | 128  | 578144   | 18.718  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 187044   | 19.137  | ug/l   | 100      |

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039150.D  
Acq On : 24 Sep 2025 14:01  
Operator : SY/MD  
Sample : VV0924WBS02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

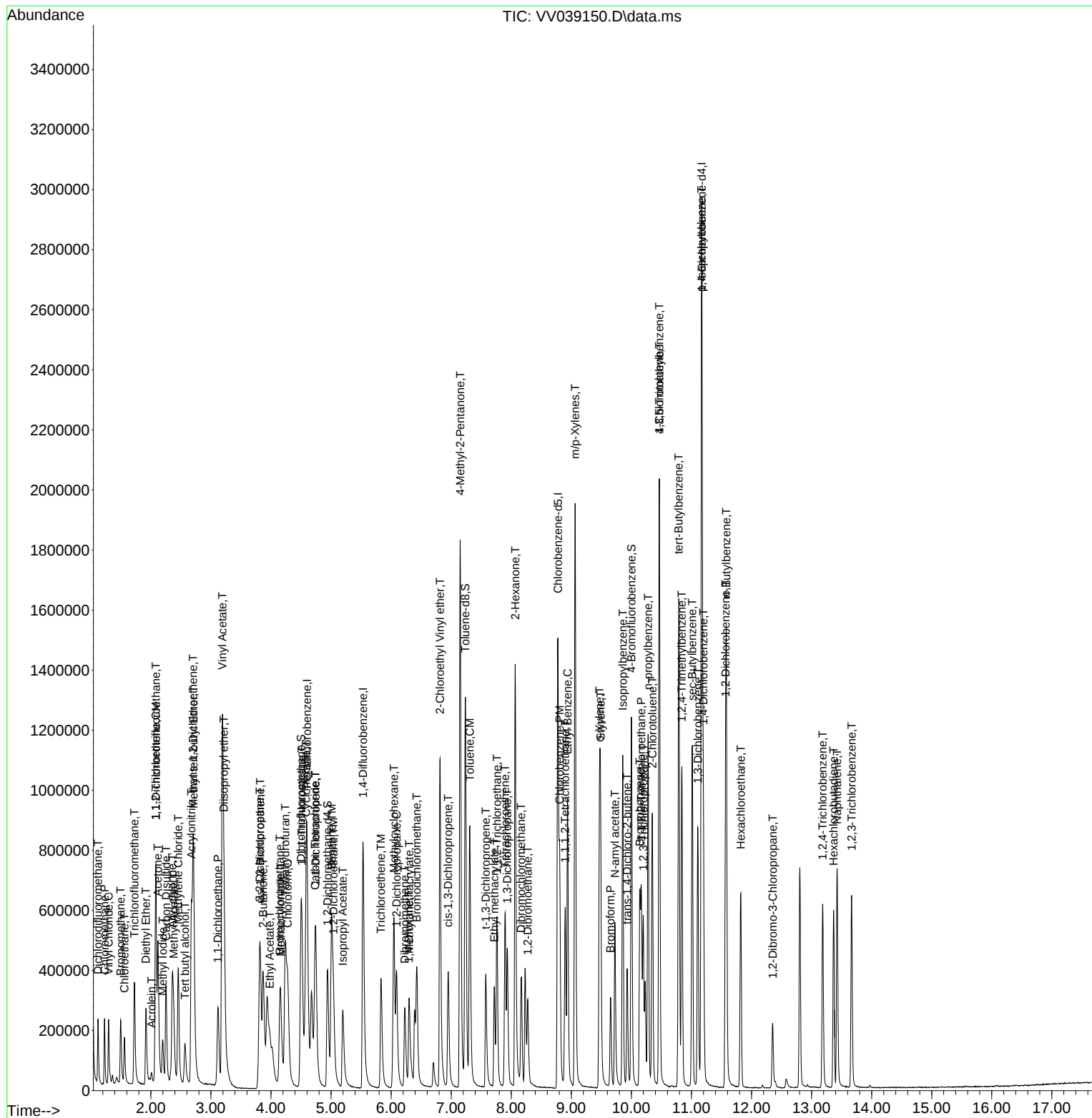
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039150.D
Acq On    : 24 Sep 2025   14:01
Operator  : SY/MD
Sample    : VV0924WBS02
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 6      Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VV0924WBS02

Quant Time: Sep 25 04:45:44 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration



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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
 Data File : VV039171.D  
 Acq On : 25 Sep 2025 11:24  
 Operator : SY/MD  
 Sample : VV0925WBS01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VV0925WBS01

Quant Time: Sep 26 01:21:22 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 4.600          | 168  | 557017              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 5.535          | 114  | 898902              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 8.776          | 117  | 871912              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.172         | 152  | 508947              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 4.944          | 65   | 363796              | 45.127  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 81 - 118 |      | Recovery = 90.260%  |         |        |          |
| 35) Dibromofluoromethane     | 4.500          | 113  | 345732              | 47.843  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 80 - 119 |      | Recovery = 95.680%  |         |        |          |
| 50) Toluene-d8               | 7.236          | 98   | 1017460             | 47.939  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 89 - 112 |      | Recovery = 95.880%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 10.001         | 95   | 447073              | 51.168  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 85 - 114 |      | Recovery = 102.340% |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.121          | 85   | 160404              | 18.191  | ug/l   | 99       |
| 3) Chloromethane             | 1.230          | 50   | 180629              | 19.082  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.298          | 62   | 196152              | 19.356  | ug/l   | 99       |
| 5) Bromomethane              | 1.497          | 94   | 119487              | 18.704  | ug/l   | 98       |
| 6) Chloroethane              | 1.561          | 64   | 122694              | 19.279  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.725          | 101  | 284580              | 19.396  | ug/l   | 98       |
| 8) Diethyl Ether             | 1.918          | 74   | 106026              | 19.466  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.082          | 101  | 174658              | 20.007  | ug/l   | 97       |
| 10) Methyl Iodide            | 2.198          | 142  | 135972              | 16.356  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.571          | 59   | 187721              | 110.174 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.082          | 96   | 166976              | 19.882  | ug/l   | 98       |
| 13) Acrolein                 | 2.011          | 56   | 34025               | 115.083 | ug/l   | 98       |
| 14) Allyl chloride           | 2.359          | 41   | 286242              | 19.080  | ug/l   | 98       |
| 15) Acrylonitrile            | 2.677          | 53   | 538540              | 98.597  | ug/l   | 100      |
| 16) Acetone                  | 2.121          | 43   | 476447              | 89.017  | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.253          | 76   | 487416              | 18.977  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.381          | 43   | 252836              | 21.167  | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 2.716          | 73   | 535106              | 19.995  | ug/l   | 99       |
| 20) Methylene Chloride       | 2.458          | 84   | 192332              | 20.555  | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 2.703          | 96   | 176159              | 19.703  | ug/l   | 96       |
| 22) Diisopropyl ether        | 3.220          | 45   | 549959              | 19.161  | ug/l   | 99       |
| 23) Vinyl Acetate            | 3.191          | 43   | 2415006             | 96.182  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.117          | 63   | 339160              | 19.322  | ug/l   | 98       |
| 25) 2-Butanone               | 3.873          | 43   | 626977              | 97.122  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 3.812          | 77   | 266277              | 17.109  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 3.822          | 96   | 191963              | 19.468  | ug/l   | 98       |
| 28) Bromochloromethane       | 4.150          | 49   | 158654              | 20.475  | ug/l   | 97       |
| 29) Tetrahydrofuran          | 4.240          | 42   | 407358              | 100.814 | ug/l   | 98       |
| 30) Chloroform               | 4.281          | 83   | 352541              | 19.234  | ug/l   | 97       |
| 31) Cyclohexane              | 4.587          | 56   | 262018              | 18.223  | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 4.513          | 97   | 301922              | 19.027  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 4.744          | 75   | 210259              | 19.244  | ug/l   | 98       |
| 37) Ethyl Acetate            | 3.986          | 43   | 249892              | 18.849  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 4.735          | 117  | 258780              | 19.380  | ug/l   | 96       |
| 39) Methylcyclohexane        | 6.047          | 83   | 253234              | 19.193  | ug/l   | 98       |
| 40) Benzene                  | 5.011          | 78   | 706824              | 19.867  | ug/l   | 98       |

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
 Data File : VV039171.D  
 Acq On : 25 Sep 2025 11:24  
 Operator : SY/MD  
 Sample : VV0925WBS01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VV0925WBS01

Quant Time: Sep 26 01:21:22 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.166  | 41   | 101017   | 18.119  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 5.043  | 62   | 243861   | 19.562  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.198  | 43   | 354785   | 19.627  | ug/l   | 99       |
| 44) Trichloroethene           | 5.834  | 130  | 167082   | 20.352  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.092  | 63   | 181382   | 20.511  | ug/l   | 96       |
| 46) Dibromomethane            | 6.227  | 93   | 135579   | 20.031  | ug/l   | 98       |
| 47) Bromodichloromethane      | 6.429  | 83   | 269985   | 19.295  | ug/l   | 100      |
| 48) Methyl methacrylate       | 6.301  | 41   | 154615   | 18.869  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.294  | 88   | 55817    | 422.109 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 7.149  | 43   | 1295291  | 108.921 | ug/l   | 99       |
| 52) Toluene                   | 7.310  | 92   | 442966   | 21.474  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 7.577  | 75   | 244520   | 20.052  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 6.950  | 75   | 272587   | 20.249  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 7.764  | 97   | 184964   | 19.997  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 7.719  | 69   | 220741   | 20.096  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 7.937  | 76   | 293432   | 20.102  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 6.815  | 63   | 541689   | 93.599  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.066  | 43   | 942254   | 99.572  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.169  | 129  | 212792   | 20.190  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.275  | 107  | 195149   | 20.631  | ug/l   | 99       |
| 64) Tetrachloroethene         | 7.899  | 164  | 147205   | 20.157  | ug/l   | 95       |
| 65) Chlorobenzene             | 8.805  | 112  | 488359   | 20.108  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 8.899  | 131  | 174648   | 19.902  | ug/l   | 100      |
| 67) Ethyl Benzene             | 8.937  | 91   | 736424   | 20.032  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.063  | 106  | 611502   | 43.097  | ug/l   | 100      |
| 69) o-Xylene                  | 9.468  | 106  | 263271   | 20.955  | ug/l   | 99       |
| 70) Styrene                   | 9.487  | 104  | 489732   | 19.311  | ug/l   | 99       |
| 71) Bromoform                 | 9.654  | 173  | 140287   | 20.466  | ug/l # | 98       |
| 73) Isopropylbenzene          | 9.857  | 105  | 759505   | 20.575  | ug/l   | 100      |
| 74) N-amyl acetate            | 9.725  | 43   | 297254   | 20.188  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.165 | 83   | 313809   | 19.402  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.198 | 75   | 227880   | 19.665  | ug/l   | 98       |
| 77) Bromobenzene              | 10.143 | 156  | 194148   | 20.272  | ug/l   | 97       |
| 78) n-propylbenzene           | 10.278 | 91   | 917928   | 20.420  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.349 | 91   | 569887   | 21.187  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 10.464 | 105  | 649406   | 21.165  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 9.931  | 75   | 93631    | 19.398  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 10.464 | 91   | 658860   | 21.124  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 10.789 | 119  | 599275   | 19.587  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 10.841 | 105  | 634517   | 21.301  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.014 | 105  | 814764   | 20.078  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.169 | 119  | 692579   | 20.505  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.108 | 146  | 380476   | 19.629  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.198 | 146  | 400938   | 18.854  | ug/l   | 99       |
| 89) n-Butylbenzene            | 11.580 | 91   | 629906   | 19.528  | ug/l   | 98       |
| 90) Hexachloroethane          | 11.821 | 117  | 153004   | 18.396  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 11.567 | 146  | 359391   | 19.846  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.352 | 75   | 63577    | 22.105  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.185 | 180  | 198844   | 19.155  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.368 | 225  | 100713   | 18.672  | ug/l   | 99       |
| 95) Naphthalene               | 13.426 | 128  | 654241   | 19.499  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 210809   | 19.856  | ug/l   | 99       |

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092525\  
Data File : VV039171.D  
Acq On : 25 Sep 2025 11:24  
Operator : SY/MD  
Sample : VV0925WBS01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0925WBS01

Quant Time: Sep 26 01:21:22 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

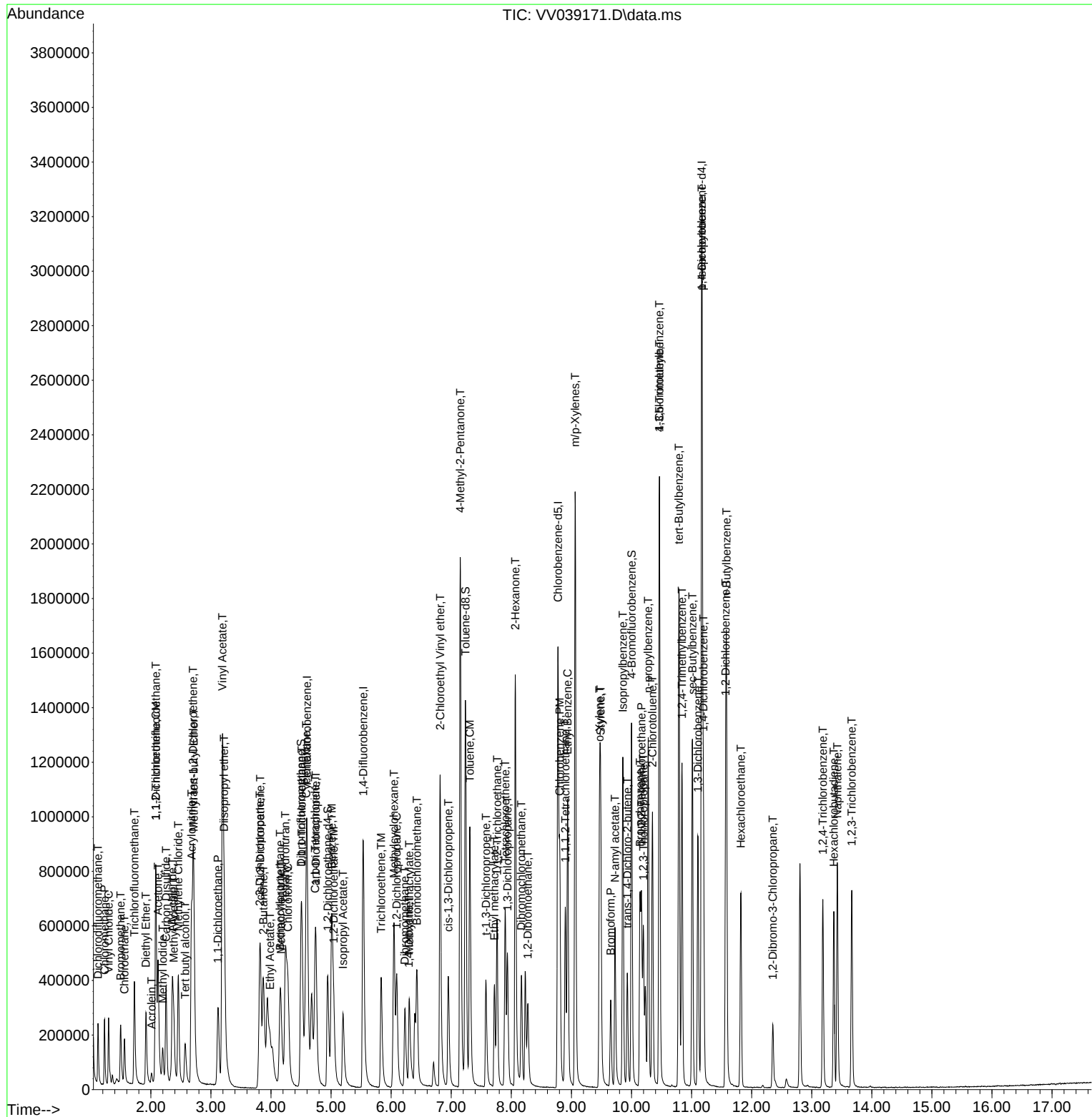
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\  
Data File : VV039171.D  
Acq On    : 25 Sep 2025  11:24  
Operator  : SY/MD  
Sample    : VV0925WBS01  
Misc      : 5.0mL/MSVOA_V/WATER  
ALS Vial  : 5      Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VV0925WBS01

Quant Time: Sep 26 01:21:22 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration



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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
 Data File : VV039165.D  
 Acq On : 24 Sep 2025 19:59  
 Operator : SY/MD  
 Sample : VV0924WBSD02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 4.600  | 168  | 545364   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.532  | 114  | 903558   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.776  | 117  | 885424   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.172 | 152  | 510716   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 4.944  | 65    | 390603   | 49.487   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | =    | 98.980%  |
| 35) Dibromofluoromethane    | 4.503  | 113   | 363843   | 50.089   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | =    | 100.180% |
| 50) Toluene-d8              | 7.236  | 98    | 1080761  | 50.659   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | =    | 101.320% |
| 62) 4-Bromofluorobenzene    | 10.001 | 95    | 483167   | 55.014   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | =    | 110.020% |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.121 | 85  | 156320  | 18.107  | ug/l | 98  |
| 3) Chloromethane             | 1.230 | 50  | 168337  | 18.164  | ug/l | 100 |
| 4) Vinyl Chloride            | 1.298 | 62  | 180006  | 18.142  | ug/l | 99  |
| 5) Bromomethane              | 1.497 | 94  | 91963   | 14.703  | ug/l | 99  |
| 6) Chloroethane              | 1.561 | 64  | 124416  | 20.020  | ug/l | 100 |
| 7) Trichlorofluoromethane    | 1.725 | 101 | 271403  | 18.893  | ug/l | 99  |
| 8) Diethyl Ether             | 1.918 | 74  | 98678   | 18.504  | ug/l | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.082 | 101 | 162784  | 19.045  | ug/l | 98  |
| 10) Methyl Iodide            | 2.198 | 142 | 97066   | 11.925  | ug/l | 99  |
| 11) Tert butyl alcohol       | 2.568 | 59  | 177476  | 106.387 | ug/l | 97  |
| 12) 1,1-Dichloroethene       | 2.082 | 96  | 159305  | 19.374  | ug/l | 92  |
| 13) Acrolein                 | 2.011 | 56  | 32659   | 112.823 | ug/l | 95  |
| 14) Allyl chloride           | 2.359 | 41  | 262106  | 17.845  | ug/l | 98  |
| 15) Acrylonitrile            | 2.677 | 53  | 500749  | 93.637  | ug/l | 99  |
| 16) Acetone                  | 2.121 | 43  | 420916  | 79.697  | ug/l | 98  |
| 17) Carbon Disulfide         | 2.253 | 76  | 461436  | 18.349  | ug/l | 99  |
| 18) Methyl Acetate           | 2.381 | 43  | 235110  | 20.104  | ug/l | 99  |
| 19) Methyl tert-butyl Ether  | 2.712 | 73  | 506464  | 19.329  | ug/l | 99  |
| 20) Methylene Chloride       | 2.458 | 84  | 191133  | 20.897  | ug/l | 98  |
| 21) trans-1,2-Dichloroethene | 2.703 | 96  | 163017  | 18.623  | ug/l | 99  |
| 22) Diisopropyl ether        | 3.217 | 45  | 524404  | 18.661  | ug/l | 84  |
| 23) Vinyl Acetate            | 3.191 | 43  | 2227046 | 90.591  | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 3.117 | 63  | 311443  | 18.122  | ug/l | 99  |
| 25) 2-Butanone               | 3.873 | 43  | 581279  | 91.967  | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 3.812 | 77  | 223757  | 14.684  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 3.822 | 96  | 181034  | 18.752  | ug/l | 99  |
| 28) Bromochloromethane       | 4.150 | 49  | 145773  | 19.214  | ug/l | 95  |
| 29) Tetrahydrofuran          | 4.243 | 42  | 385403  | 97.419  | ug/l | 99  |
| 30) Chloroform               | 4.278 | 83  | 330400  | 18.412  | ug/l | 97  |
| 31) Cyclohexane              | 4.584 | 56  | 258917  | 18.392  | ug/l | 96  |
| 32) 1,1,1-Trichloroethane    | 4.513 | 97  | 285397  | 18.370  | ug/l | 98  |
| 36) 1,1-Dichloropropene      | 4.748 | 75  | 205485  | 18.711  | ug/l | 98  |
| 37) Ethyl Acetate            | 3.982 | 43  | 238455  | 17.894  | ug/l | 98  |
| 38) Carbon Tetrachloride     | 4.735 | 117 | 243831  | 18.166  | ug/l | 98  |
| 39) Methylcyclohexane        | 6.050 | 83  | 241644  | 18.220  | ug/l | 97  |
| 40) Benzene                  | 5.011 | 78  | 673840  | 18.842  | ug/l | 99  |

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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
 Data File : VV039165.D  
 Acq On : 24 Sep 2025 19:59  
 Operator : SY/MD  
 Sample : VV0924WBSD02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.166  | 41   | 96133    | 17.256  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 5.043  | 62   | 232378   | 18.545  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.198  | 43   | 339665   | 18.694  | ug/l   | 99       |
| 44) Trichloroethene           | 5.831  | 130  | 158174   | 19.167  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 6.092  | 63   | 172229   | 19.376  | ug/l   | 97       |
| 46) Dibromomethane            | 6.230  | 93   | 128940   | 18.952  | ug/l   | 97       |
| 47) Bromodichloromethane      | 6.429  | 83   | 257271   | 18.292  | ug/l   | 97       |
| 48) Methyl methacrylate       | 6.301  | 41   | 148719   | 18.056  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 6.297  | 88   | 52205    | 392.759 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 7.149  | 43   | 1220207  | 102.079 | ug/l   | 99       |
| 52) Toluene                   | 7.310  | 92   | 415722   | 20.049  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 7.577  | 75   | 226898   | 18.511  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 6.950  | 75   | 259523   | 19.179  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 7.764  | 97   | 171629   | 18.460  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 7.719  | 69   | 204966   | 18.564  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 7.934  | 76   | 277934   | 18.942  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 6.815  | 63   | 486078   | 84.589  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.066  | 43   | 867936   | 91.441  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.169  | 129  | 195919   | 18.494  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.275  | 107  | 183626   | 19.312  | ug/l   | 99       |
| 64) Tetrachloroethene         | 7.899  | 164  | 146324   | 19.730  | ug/l   | 98       |
| 65) Chlorobenzene             | 8.805  | 112  | 491329   | 19.922  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 8.899  | 131  | 162674   | 18.255  | ug/l   | 100      |
| 67) Ethyl Benzene             | 8.937  | 91   | 716157   | 19.183  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.063  | 106  | 582336   | 40.415  | ug/l   | 99       |
| 69) o-Xylene                  | 9.468  | 106  | 252664   | 19.804  | ug/l   | 98       |
| 70) Styrene                   | 9.487  | 104  | 457807   | 17.897  | ug/l   | 99       |
| 71) Bromoform                 | 9.654  | 173  | 131160   | 18.843  | ug/l # | 99       |
| 73) Isopropylbenzene          | 9.857  | 105  | 724475   | 19.558  | ug/l   | 99       |
| 74) N-amyl acetate            | 9.725  | 43   | 279661   | 18.927  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.165 | 83   | 290148   | 17.877  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.198 | 75   | 219335   | 18.862  | ug/l   | 100      |
| 77) Bromobenzene              | 10.140 | 156  | 183095   | 19.051  | ug/l   | 97       |
| 78) n-propylbenzene           | 10.278 | 91   | 881210   | 19.535  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.349 | 91   | 539084   | 19.972  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 10.464 | 105  | 620336   | 20.148  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 9.931  | 75   | 82955    | 17.126  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 10.464 | 91   | 626744   | 20.025  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 10.789 | 119  | 563652   | 18.359  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 10.841 | 105  | 604069   | 20.209  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.014 | 105  | 783211   | 19.233  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.165 | 119  | 661055   | 19.504  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.104 | 146  | 362792   | 18.652  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.198 | 146  | 381649   | 17.885  | ug/l   | 98       |
| 89) n-Butylbenzene            | 11.580 | 91   | 608918   | 18.812  | ug/l   | 98       |
| 90) Hexachloroethane          | 11.818 | 117  | 138165   | 16.554  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 11.567 | 146  | 335832   | 18.481  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.352 | 75   | 57082    | 19.730  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.185 | 180  | 191728   | 18.406  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.368 | 225  | 91410    | 16.888  | ug/l   | 99       |
| 95) Naphthalene               | 13.426 | 128  | 623030   | 18.505  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 199614   | 18.736  | ug/l   | 98       |

5

A

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H

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J

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092425\  
Data File : VV039165.D  
Acq On : 24 Sep 2025 19:59  
Operator : SY/MD  
Sample : VV0924WBSD02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

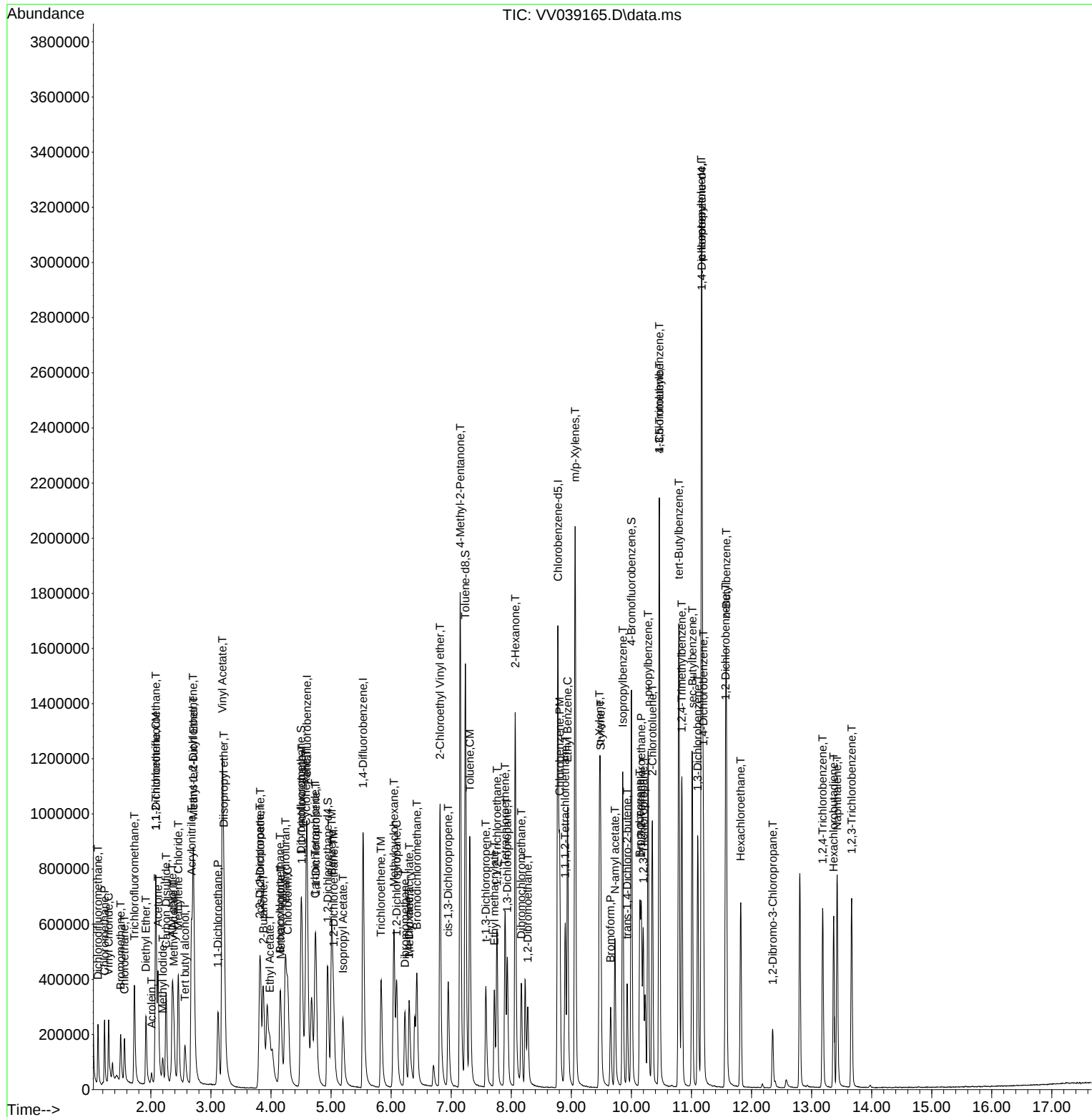
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\  
Data File : VV039165.D  
Acq On    : 24 Sep 2025   19:59  
Operator  : SY/MD  
Sample    : VV0924WBSD02  
Misc      : 5.0mL/MSVOA_V/WATER  
ALS Vial  : 22   Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_V

**ClientSampleId :**  
VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration



## Manual Integration Report

|           |          |            |         |
|-----------|----------|------------|---------|
| Sequence: | VV092225 | Instrument | MSVOA_v |
|-----------|----------|------------|---------|

| Sample ID  | File ID    | Parameter              | Review By    | Review On               | Supervised By | Supervised On           | Reason                      |
|------------|------------|------------------------|--------------|-------------------------|---------------|-------------------------|-----------------------------|
| VSTDICC005 | VV039142.D | 1,2,3-Trichloropropane | MMDadod<br>a | 9/26/2025 1:38:50<br>AM | SAM           | 9/26/2025 1:57:11<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | 1,1-Dichloropropene    | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | 1,4-Dichlorobenzene    | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | 1,4-Dioxane            | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | 2,2-Dichloropropane    | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | 2-Butanone             | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | Carbon Tetrachloride   | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | Ethyl Acetate          | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | Ethyl methacrylate     | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | Isopropyl Acetate      | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | Methacrylonitrile      | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | Methyl methacrylate    | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |
| VSTDICC001 | VV039143.D | Naphthalene            | MMDadod<br>a | 9/26/2025 1:38:52<br>AM | SAM           | 9/26/2025 1:57:13<br>AM | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |         |
|-----------|----------|------------|---------|
| Sequence: | VV092225 | Instrument | MSVOA_v |
|-----------|----------|------------|---------|

| Sample ID  | File ID    | Parameter              | Review By | Review On            | Supervised By | Supervised On        | Reason                      |
|------------|------------|------------------------|-----------|----------------------|---------------|----------------------|-----------------------------|
| VSTDICV050 | VV039144.D | 1,2,3-Trichloropropane | MMDadoda  | 9/26/2025 1:38:55 AM | SAM           | 9/26/2025 1:57:15 AM | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |         |
|-----------|----------|------------|---------|
| Sequence: | VV092425 | Instrument | MSVOA_v |
|-----------|----------|------------|---------|

| Sample ID | File ID    | Parameter       | Review By | Review On            | Supervised By | Supervised On        | Reason                      |
|-----------|------------|-----------------|-----------|----------------------|---------------|----------------------|-----------------------------|
| Q3172-01  | VV039157.D | Chlorobenzene   | MMDadoda  | 9/26/2025 1:44:45 AM | SAM           | 9/26/2025 2:03:21 AM | Peak Integrated by Software |
| Q3172-01  | VV039157.D | Trichloroethene | MMDadoda  | 9/26/2025 1:44:45 AM | SAM           | 9/26/2025 2:03:21 AM | Peak Integrated by Software |



Manual Integration Report

|           |          |            |         |
|-----------|----------|------------|---------|
| Sequence: | VV092525 | Instrument | MSVOA_v |
|-----------|----------|------------|---------|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|

Instrument ID: MSVOA\_V

Daily Analysis Runlog For Sequence/QC Batch ID # VV092225

|                          |                     |                                                       |                      |                      |              |
|--------------------------|---------------------|-------------------------------------------------------|----------------------|----------------------|--------------|
| Review By                | Mahesh Dadoda       | Review On                                             | 9/26/2025 1:39:32 AM |                      |              |
| Supervise By             | Semsettin Yesilyurt | Supervise On                                          | 9/26/2025 1:56:56 AM |                      |              |
| SubDirectory             | VV092225            | HP Acquire Method                                     | MSVOA_V              | HP Processing Method | 82v092225w.m |
| STD. NAME                |                     | STD REF.#                                             |                      |                      |              |
| Tune/Reschk              |                     | VP135580                                              |                      |                      |              |
| Initial Calibration Stds |                     | VP135581,VP135582,VP135583,VP135584,VP135585,VP135586 |                      |                      |              |
| CCC                      |                     |                                                       |                      |                      |              |
| Internal Standard/PEM    |                     | VP133935                                              |                      |                      |              |
| ICV/I.BLK                |                     | VP135587                                              |                      |                      |              |
| Surrogate Standard       |                     |                                                       |                      |                      |              |
| MS/MSD Standard          |                     |                                                       |                      |                      |              |
| LCS Standard             |                     |                                                       |                      |                      |              |

| Sr# | SampleId   | Data File Name | Date-Time         | Operator | Status |
|-----|------------|----------------|-------------------|----------|--------|
| 1   | BFB        | VV039134.D     | 22 Sep 2025 10:15 | SY/MD    | Ok     |
| 2   | VSTDIC001  | VV039135.D     | 22 Sep 2025 10:59 | SY/MD    | Not Ok |
| 3   | VSTDIC005  | VV039136.D     | 22 Sep 2025 11:30 | SY/MD    | Not Ok |
| 4   | VSTDIC010  | VV039137.D     | 22 Sep 2025 12:26 | SY/MD    | Ok     |
| 5   | VSTDIC020  | VV039138.D     | 22 Sep 2025 12:48 | SY/MD    | Ok     |
| 6   | VSTDIC050  | VV039139.D     | 22 Sep 2025 13:26 | SY/MD    | Ok     |
| 7   | VSTDIC100  | VV039140.D     | 22 Sep 2025 13:49 | SY/MD    | Ok     |
| 8   | VIBLK      | VV039141.D     | 22 Sep 2025 14:21 | SY/MD    | Ok     |
| 9   | VSTDIC005  | VV039142.D     | 22 Sep 2025 15:37 | SY/MD    | Ok,M   |
| 10  | VSTDIC001  | VV039143.D     | 22 Sep 2025 16:35 | SY/MD    | Ok,M   |
| 11  | VSTDICV050 | VV039144.D     | 22 Sep 2025 16:58 | SY/MD    | Ok,M   |

M : Manual Integration

Instrument ID: MSVOA\_V

Daily Analysis Runlog For Sequence/QC Batch ID # VV092425

|                                         |                     |                   |                      |                      |              |
|-----------------------------------------|---------------------|-------------------|----------------------|----------------------|--------------|
| Review By                               | Mahesh Dadoda       | Review On         | 9/26/2025 1:45:06 AM |                      |              |
| Supervise By                            | Semsettin Yesilyurt | Supervise On      | 9/26/2025 2:03:33 AM |                      |              |
| SubDirectory                            | VV092425            | HP Acquire Method | MSVOA_V              | HP Processing Method | 82v092225w.m |
| STD. NAME                               |                     | STD REF.#         |                      |                      |              |
| Tune/Reschk<br>Initial Calibration Stds |                     | VP135622          |                      |                      |              |
| CCC                                     |                     | VP135623,VP135624 |                      |                      |              |
| Internal Standard/PEM                   |                     | VP133935          |                      |                      |              |
| ICV/I.BLK                               |                     |                   |                      |                      |              |
| Surrogate Standard                      |                     |                   |                      |                      |              |
| MS/MSD Standard                         |                     |                   |                      |                      |              |
| LCS Standard                            |                     |                   |                      |                      |              |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status   |
|-----|--------------|----------------|-------------------|----------|----------|
| 1   | BFB          | VV039145.D     | 24 Sep 2025 09:52 | SY/MD    | Ok       |
| 2   | VSTDCCC050   | VV039146.D     | 24 Sep 2025 10:49 | SY/MD    | Ok       |
| 3   | VV0924MBL01  | VV039147.D     | 24 Sep 2025 12:08 | SY/MD    | Ok       |
| 4   | VV0924WBL01  | VV039148.D     | 24 Sep 2025 13:09 | SY/MD    | Ok       |
| 5   | VV0924WBS01  | VV039149.D     | 24 Sep 2025 13:37 | SY/MD    | Not Ok   |
| 6   | VV0924WBS02  | VV039150.D     | 24 Sep 2025 14:01 | SY/MD    | Ok       |
| 7   | Q3173-02     | VV039151.D     | 24 Sep 2025 14:46 | SY/MD    | Ok       |
| 8   | Q3173-01     | VV039152.D     | 24 Sep 2025 15:08 | SY/MD    | Ok       |
| 9   | Q3175-01     | VV039153.D     | 24 Sep 2025 15:31 | SY/MD    | Dilution |
| 10  | Q3175-02     | VV039154.D     | 24 Sep 2025 15:53 | SY/MD    | Dilution |
| 11  | VIBLK        | VV039155.D     | 24 Sep 2025 16:16 | SY/MD    | Ok       |
| 12  | VIBLK        | VV039156.D     | 24 Sep 2025 16:38 | SY/MD    | Ok       |
| 13  | Q3172-01     | VV039157.D     | 24 Sep 2025 17:00 | SY/MD    | Dilution |
| 14  | Q3172-02     | VV039158.D     | 24 Sep 2025 17:22 | SY/MD    | Dilution |
| 15  | Q3172-03     | VV039159.D     | 24 Sep 2025 17:45 | SY/MD    | ReRun    |
| 16  | Q3164-01     | VV039160.D     | 24 Sep 2025 18:07 | SY/MD    | Ok       |
| 17  | Q3164-02     | VV039161.D     | 24 Sep 2025 18:30 | SY/MD    | Not Ok   |
| 18  | Q3164-03     | VV039162.D     | 24 Sep 2025 18:52 | SY/MD    | Ok       |
| 19  | VIBLK        | VV039163.D     | 24 Sep 2025 19:15 | SY/MD    | Ok       |
| 20  | VIBLK        | VV039164.D     | 24 Sep 2025 19:37 | SY/MD    | Ok,M     |
| 21  | VV0924WBSD02 | VV039165.D     | 24 Sep 2025 19:59 | SY/MD    | Ok       |

Instrument ID: **MSVOA\_V**

**Daily Analysis Runlog For Sequence/QC Batch ID # VV092425**

| Review By                               | Mahesh Dadoda       | Review On         | 9/26/2025 1:45:06 AM |                      |              |
|-----------------------------------------|---------------------|-------------------|----------------------|----------------------|--------------|
| Supervise By                            | Semsettin Yesilyurt | Supervise On      | 9/26/2025 2:03:33 AM |                      |              |
| SubDirectory                            | VV092425            | HP Acquire Method | MSVOA_V              | HP Processing Method | 82v092225w.m |
| STD. NAME                               |                     | STD REF.#         |                      |                      |              |
| Tune/Reschk<br>Initial Calibration Stds |                     | VP135622          |                      |                      |              |
| CCC                                     |                     | VP135623,VP135624 |                      |                      |              |
| Internal Standard/PEM                   |                     | VP133935          |                      |                      |              |
| ICV/I.BLK                               |                     |                   |                      |                      |              |
| Surrogate Standard                      |                     |                   |                      |                      |              |
| MS/MSD Standard                         |                     |                   |                      |                      |              |
| LCS Standard                            |                     |                   |                      |                      |              |

|    |            |            |                   |       |    |
|----|------------|------------|-------------------|-------|----|
| 22 | VSTDCCC050 | VV039166.D | 24 Sep 2025 20:22 | SY/MD | Ok |
|----|------------|------------|-------------------|-------|----|

M : Manual Integration

Instrument ID: MSVOA\_V

**Daily Analysis Runlog For Sequence/QCBatch ID # VV092525**

|                                                                                                    |                               |                      |                       |
|----------------------------------------------------------------------------------------------------|-------------------------------|----------------------|-----------------------|
| Review By                                                                                          | Mahesh Dadoda                 | Review On            | 9/29/2025 12:56:22 AM |
| Supervise By                                                                                       | Semsettin Yesilyurt           | Supervise On         | 9/29/2025 1:08:36 AM  |
| SubDirectory                                                                                       | VV092525                      | HP Acquire Method    | 8260_V                |
|                                                                                                    |                               | HP Processing Method | 82v092225w.m          |
| <b>STD. NAME</b>                                                                                   | <b>STD REF.#</b>              |                      |                       |
| Tune/Reschk<br>Initial Calibration Stds                                                            | VP135649                      |                      |                       |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | VP135650,VP135651<br>VP133935 |                      |                       |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status   |
|-----|--------------|----------------|-------------------|----------|----------|
| 1   | BFB          | VV039167.D     | 25 Sep 2025 09:14 | SY/MD    | Ok       |
| 2   | VSTDCCC050   | VV039168.D     | 25 Sep 2025 09:59 | SY/MD    | Ok       |
| 3   | VV0925MBL01  | VV039169.D     | 25 Sep 2025 10:31 | SY/MD    | Ok       |
| 4   | VV0925WBL01  | VV039170.D     | 25 Sep 2025 11:01 | SY/MD    | Ok       |
| 5   | VV0925WBS01  | VV039171.D     | 25 Sep 2025 11:24 | SY/MD    | Ok       |
| 6   | VV0925WBSD01 | VV039172.D     | 25 Sep 2025 11:48 | SY/MD    | Ok       |
| 7   | Q3164-02     | VV039173.D     | 25 Sep 2025 12:10 | SY/MD    | Ok       |
| 8   | Q3175-01DL   | VV039174.D     | 25 Sep 2025 12:33 | SY/MD    | Dilution |
| 9   | Q3175-02DL   | VV039175.D     | 25 Sep 2025 12:55 | SY/MD    | Ok,M     |
| 10  | VIBLK        | VV039176.D     | 25 Sep 2025 13:18 | SY/MD    | Ok,M     |
| 11  | Q3168-05     | VV039177.D     | 25 Sep 2025 13:40 | SY/MD    | ReRun    |
| 12  | Q3168-06     | VV039178.D     | 25 Sep 2025 14:03 | SY/MD    | ReRun    |
| 13  | Q3175-01DL2  | VV039179.D     | 25 Sep 2025 14:25 | SY/MD    | Ok,M     |
| 14  | Q3172-02DL   | VV039180.D     | 25 Sep 2025 14:48 | SY/MD    | Ok       |
| 15  | VIBLK        | VV039181.D     | 25 Sep 2025 15:10 | SY/MD    | Ok       |
| 16  | Q3172-01DL   | VV039182.D     | 25 Sep 2025 15:33 | SY/MD    | Ok       |
| 17  | Q3168-05RE   | VV039183.D     | 25 Sep 2025 15:55 | SY/MD    | Confirms |
| 18  | Q3168-06RE   | VV039184.D     | 25 Sep 2025 16:18 | SY/MD    | Confirms |
| 19  | Q3172-03     | VV039185.D     | 25 Sep 2025 16:40 | SY/MD    | Ok       |
| 20  | Q3195-22     | VV039186.D     | 25 Sep 2025 17:03 | SY/MD    | Ok       |
| 21  | Q3195-23     | VV039187.D     | 25 Sep 2025 17:25 | SY/MD    | Ok       |

Instrument ID: MSVOA\_V

**Daily Analysis Runlog For Sequence/QCBatch ID # VV092525**

| Review By                               | Mahesh Dadoda       | Review On         | 9/29/2025 12:56:22 AM |                      |              |
|-----------------------------------------|---------------------|-------------------|-----------------------|----------------------|--------------|
| Supervise By                            | Semsettin Yesilyurt | Supervise On      | 9/29/2025 1:08:36 AM  |                      |              |
| SubDirectory                            | VV092525            | HP Acquire Method | 8260_V                | HP Processing Method | 82v092225w.m |
| STD. NAME                               |                     | STD REF.#         |                       |                      |              |
| Tune/Reschk<br>Initial Calibration Stds |                     | VP135649          |                       |                      |              |
| CCC                                     |                     | VP135650,VP135651 |                       |                      |              |
| Internal Standard/PEM                   |                     | VP133935          |                       |                      |              |
| ICV/I.BLK                               |                     |                   |                       |                      |              |
| Surrogate Standard                      |                     |                   |                       |                      |              |
| MS/MSD Standard                         |                     |                   |                       |                      |              |
| LCS Standard                            |                     |                   |                       |                      |              |

|    |            |            |                   |       |       |
|----|------------|------------|-------------------|-------|-------|
| 22 | Q3195-24   | VV039188.D | 25 Sep 2025 17:47 | SY/MD | ReRun |
| 23 | Q3195-25   | VV039189.D | 25 Sep 2025 18:10 | SY/MD | Ok    |
| 24 | Q3195-26   | VV039190.D | 25 Sep 2025 18:32 | SY/MD | Ok    |
| 25 | Q3195-27   | VV039191.D | 25 Sep 2025 18:55 | SY/MD | Ok    |
| 26 | Q3195-02   | VV039192.D | 25 Sep 2025 19:17 | SY/MD | Ok    |
| 27 | Q3195-09   | VV039193.D | 25 Sep 2025 19:40 | SY/MD | Ok    |
| 28 | Q3195-10   | VV039194.D | 25 Sep 2025 20:02 | SY/MD | Ok    |
| 29 | Q3195-11   | VV039195.D | 25 Sep 2025 20:25 | SY/MD | Ok    |
| 30 | VSTDCCC050 | VV039196.D | 25 Sep 2025 20:47 | SY/MD | Ok    |

M : Manual Integration

Instrument ID: MSVOA\_V

**Daily Analysis Runlog For Sequence/QC Batch ID # VV092225**

|                          |                     |                                                       |                      |                      |              |
|--------------------------|---------------------|-------------------------------------------------------|----------------------|----------------------|--------------|
| Review By                | Mahesh Dadoda       | Review On                                             | 9/26/2025 1:39:32 AM |                      |              |
| Supervise By             | Semsettin Yesilyurt | Supervise On                                          | 9/26/2025 1:56:56 AM |                      |              |
| SubDirectory             | VV092225            | HP Acquire Method                                     | MSVOA_V              | HP Processing Method | 82v092225w.m |
| STD. NAME                |                     | STD REF.#                                             |                      |                      |              |
| Tune/Reschk              |                     | VP135580                                              |                      |                      |              |
| Initial Calibration Stds |                     | VP135581,VP135582,VP135583,VP135584,VP135585,VP135586 |                      |                      |              |
| CCC                      |                     |                                                       |                      |                      |              |
| Internal Standard/PEM    |                     | VP133935                                              |                      |                      |              |
| ICV/I.BLK                |                     | VP135587                                              |                      |                      |              |
| Surrogate Standard       |                     |                                                       |                      |                      |              |
| MS/MSD Standard          |                     |                                                       |                      |                      |              |
| LCS Standard             |                     |                                                       |                      |                      |              |

| Sr# | Sampled     | ClientID    | Data File Name | Date-Time         | Comment            | Operator | Status |
|-----|-------------|-------------|----------------|-------------------|--------------------|----------|--------|
| 1   | BFB         | BFB         | VV039134.D     | 22 Sep 2025 10:15 |                    | SY/MD    | Ok     |
| 2   | VSTDICC001  | VSTDICC001  | VV039135.D     | 22 Sep 2025 10:59 | Not use            | SY/MD    | Not Ok |
| 3   | VSTDICC005  | VSTDICC005  | VV039136.D     | 22 Sep 2025 11:30 | Not use            | SY/MD    | Not Ok |
| 4   | VSTDICC010  | VSTDICC010  | VV039137.D     | 22 Sep 2025 12:26 |                    | SY/MD    | Ok     |
| 5   | VSTDICC020  | VSTDICC020  | VV039138.D     | 22 Sep 2025 12:48 | QR- 06,16,20,70,92 | SY/MD    | Ok     |
| 6   | VSTDICCC050 | VSTDICCC050 | VV039139.D     | 22 Sep 2025 13:26 | LR- 41,58,59       | SY/MD    | Ok     |
| 7   | VSTDICC100  | VSTDICC100  | VV039140.D     | 22 Sep 2025 13:49 |                    | SY/MD    | Ok     |
| 8   | VIBLK       | VIBLK       | VV039141.D     | 22 Sep 2025 14:21 |                    | SY/MD    | Ok     |
| 9   | VSTDICC005  | VSTDICC005  | VV039142.D     | 22 Sep 2025 15:37 |                    | SY/MD    | Ok,M   |
| 10  | VSTDICC001  | VSTDICC001  | VV039143.D     | 22 Sep 2025 16:35 |                    | SY/MD    | Ok,M   |
| 11  | VSTDICV050  | ICVVV092225 | VV039144.D     | 22 Sep 2025 16:58 | Goof for Non-DOD   | SY/MD    | Ok,M   |

M : Manual Integration

Instrument ID: MSVOA\_V

**Daily Analysis Runlog For Sequence/QC Batch ID # VV092425**

|                                         |                     |                      |                      |
|-----------------------------------------|---------------------|----------------------|----------------------|
| Review By                               | Mahesh Dadoda       | Review On            | 9/26/2025 1:45:06 AM |
| Supervise By                            | Semsettin Yesilyurt | Supervise On         | 9/26/2025 2:03:33 AM |
| SubDirectory                            | VV092425            | HP Acquire Method    | MSVOA_V              |
|                                         |                     | HP Processing Method | 82v092225w.m         |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>    |                      |                      |
| Tune/Reschk<br>Initial Calibration Stds | VP135622            |                      |                      |
| CCC                                     | VP135623,VP135624   |                      |                      |
| Internal Standard/PEM                   | VP133935            |                      |                      |
| ICV/I.BLK                               |                     |                      |                      |
| Surrogate Standard                      |                     |                      |                      |
| MS/MSD Standard                         |                     |                      |                      |
| LCS Standard                            |                     |                      |                      |

| Sr# | SampleID    | ClientID    | Data File Name | Date-Time         | Comment                             | Operator | Status   |
|-----|-------------|-------------|----------------|-------------------|-------------------------------------|----------|----------|
| 1   | BFB         | BFB         | VV039145.D     | 24 Sep 2025 09:52 |                                     | SY/MD    | Ok       |
| 2   | VSTDCCC050  | VSTDCCC050  | VV039146.D     | 24 Sep 2025 10:49 | pH#lot#v14222                       | SY/MD    | Ok       |
| 3   | VV0924MBL01 | VV0924MBL01 | VV039147.D     | 24 Sep 2025 12:08 |                                     | SY/MD    | Ok       |
| 4   | VV0924WBL01 | VV0924WBL01 | VV039148.D     | 24 Sep 2025 13:09 |                                     | SY/MD    | Ok       |
| 5   | VV0924WBS01 | VV0924WBS01 | VV039149.D     | 24 Sep 2025 13:37 | Recovery fail                       | SY/MD    | Not Ok   |
| 6   | VV0924WBS02 | VV0924WBS02 | VV039150.D     | 24 Sep 2025 14:01 |                                     | SY/MD    | Ok       |
| 7   | Q3173-02    | Field Blank | VV039151.D     | 24 Sep 2025 14:46 | pH<2.0 A,FB                         | SY/MD    | Ok       |
| 8   | Q3173-01    | OBS1        | VV039152.D     | 24 Sep 2025 15:08 | pH<2.0 A                            | SY/MD    | Ok       |
| 9   | Q3175-01    | MW2         | VV039153.D     | 24 Sep 2025 15:31 | pH<2.0 A ,Need 20X                  | SY/MD    | Dilution |
| 10  | Q3175-02    | MW4         | VV039154.D     | 24 Sep 2025 15:53 | pH<2.0 A ,Need 20X                  | SY/MD    | Dilution |
| 11  | VIBLK       | VIBLK       | VV039155.D     | 24 Sep 2025 16:16 |                                     | SY/MD    | Ok       |
| 12  | VIBLK       | VIBLK       | VV039156.D     | 24 Sep 2025 16:38 |                                     | SY/MD    | Ok       |
| 13  | Q3172-01    | FW7D        | VV039157.D     | 24 Sep 2025 17:00 | pH<2.0 A ,Surrogate Fail;Need 100X  | SY/MD    | Dilution |
| 14  | Q3172-02    | FW6D        | VV039158.D     | 24 Sep 2025 17:22 | pH<2.0 A ,Need 4X                   | SY/MD    | Dilution |
| 15  | Q3172-03    | GB3W        | VV039159.D     | 24 Sep 2025 17:45 | pH<2.0 A ,E flag of previous sample | SY/MD    | ReRun    |
| 16  | Q3164-01    | DA-1        | VV039160.D     | 24 Sep 2025 18:07 | pH<2.0 A                            | SY/MD    | Ok       |
| 17  | Q3164-02    | DA-2        | VV039161.D     | 24 Sep 2025 18:30 | pH<2.0 A ,Confirm Concentration     | SY/MD    | Not Ok   |

Instrument ID: MSVOA\_V

**Daily Analysis Runlog For Sequence/QC Batch ID # VV092425**

| Review By                               | Mahesh Dadoda       | Review On         | 9/26/2025 1:45:06 AM |                      |              |
|-----------------------------------------|---------------------|-------------------|----------------------|----------------------|--------------|
| Supervise By                            | Semsettin Yesilyurt | Supervise On      | 9/26/2025 2:03:33 AM |                      |              |
| SubDirectory                            | VV092425            | HP Acquire Method | MSVOA_V              | HP Processing Method | 82v092225w.m |
| STD. NAME                               | STD REF.#           |                   |                      |                      |              |
| Tune/Reschk<br>Initial Calibration Stds | VP135622            |                   |                      |                      |              |
| CCC                                     | VP135623,VP135624   |                   |                      |                      |              |
| Internal Standard/PEM                   | VP133935            |                   |                      |                      |              |
| ICV/I.BLK                               |                     |                   |                      |                      |              |
| Surrogate Standard                      |                     |                   |                      |                      |              |
| MS/MSD Standard                         |                     |                   |                      |                      |              |
| LCS Standard                            |                     |                   |                      |                      |              |

|    |              |              |            |                   |          |       |      |
|----|--------------|--------------|------------|-------------------|----------|-------|------|
| 18 | Q3164-03     | DA-3         | VV039162.D | 24 Sep 2025 18:52 | pH<2.0 A | SY/MD | Ok   |
| 19 | VIBLK        | VIBLK        | VV039163.D | 24 Sep 2025 19:15 |          | SY/MD | Ok   |
| 20 | VIBLK        | VIBLK        | VV039164.D | 24 Sep 2025 19:37 |          | SY/MD | Ok,M |
| 21 | VV0924WBSD02 | VV0924WBSD02 | VV039165.D | 24 Sep 2025 19:59 |          | SY/MD | Ok   |
| 22 | VSTDCCC050   | VSTDCCC050EC | VV039166.D | 24 Sep 2025 20:22 |          | SY/MD | Ok   |

M : Manual Integration

Instrument ID: MSVOA\_V

**Daily Analysis Runlog For Sequence/QC Batch ID # VV092525**

|                                         |                     |                   |                       |                      |              |
|-----------------------------------------|---------------------|-------------------|-----------------------|----------------------|--------------|
| Review By                               | Mahesh Dadoda       | Review On         | 9/29/2025 12:56:22 AM |                      |              |
| Supervise By                            | Semsettin Yesilyurt | Supervise On      | 9/29/2025 1:08:36 AM  |                      |              |
| SubDirectory                            | VV092525            | HP Acquire Method | 8260_V                | HP Processing Method | 82v092225w.m |
| STD. NAME                               |                     | STD REF.#         |                       |                      |              |
| Tune/Reschk<br>Initial Calibration Stds |                     | VP135649          |                       |                      |              |
| CCC                                     |                     | VP135650,VP135651 |                       |                      |              |
| Internal Standard/PEM                   |                     | VP133935          |                       |                      |              |
| ICV/I.BLK                               |                     |                   |                       |                      |              |
| Surrogate Standard                      |                     |                   |                       |                      |              |
| MS/MSD Standard                         |                     |                   |                       |                      |              |
| LCS Standard                            |                     |                   |                       |                      |              |

| Sr# | SampleID     | ClientID       | Data File Name | Date-Time         | Comment                  | Operator | Status   |
|-----|--------------|----------------|----------------|-------------------|--------------------------|----------|----------|
| 1   | BFB          | BFB            | VV039167.D     | 25 Sep 2025 09:14 |                          | SY/MD    | Ok       |
| 2   | VSTDCCC050   | VSTDCCC050     | VV039168.D     | 25 Sep 2025 09:59 | pH#lot#v14222            | SY/MD    | Ok       |
| 3   | VV0925MBL01  | VV0925MBL01    | VV039169.D     | 25 Sep 2025 10:31 |                          | SY/MD    | Ok       |
| 4   | VV0925WBL01  | VV0925WBL01    | VV039170.D     | 25 Sep 2025 11:01 |                          | SY/MD    | Ok       |
| 5   | VV0925WBS01  | VV0925WBS01    | VV039171.D     | 25 Sep 2025 11:24 |                          | SY/MD    | Ok       |
| 6   | VV0925WBSD01 | VV0925WBSD01   | VV039172.D     | 25 Sep 2025 11:48 |                          | SY/MD    | Ok       |
| 7   | Q3164-02     | DA-2           | VV039173.D     | 25 Sep 2025 12:10 | pH<2.0 B                 | SY/MD    | Ok       |
| 8   | Q3175-01DL   | MW2DL          | VV039174.D     | 25 Sep 2025 12:33 | Need 100X                | SY/MD    | Dilution |
| 9   | Q3175-02DL   | MW4DL          | VV039175.D     | 25 Sep 2025 12:55 |                          | SY/MD    | Ok,M     |
| 10  | VIBLK        | VIBLK          | VV039176.D     | 25 Sep 2025 13:18 |                          | SY/MD    | Ok,M     |
| 11  | Q3168-05     | TOTES COMP#1   | VV039177.D     | 25 Sep 2025 13:40 | pH<2.0 A, Surrogate fail | SY/MD    | ReRun    |
| 12  | Q3168-06     | TOTES COMP#2   | VV039178.D     | 25 Sep 2025 14:03 | pH<2.0 A, Surrogate fail | SY/MD    | ReRun    |
| 13  | Q3175-01DL2  | MW2DL2         | VV039179.D     | 25 Sep 2025 14:25 |                          | SY/MD    | Ok,M     |
| 14  | Q3172-02DL   | FW6DDL         | VV039180.D     | 25 Sep 2025 14:48 |                          | SY/MD    | Ok       |
| 15  | VIBLK        | VIBLK          | VV039181.D     | 25 Sep 2025 15:10 |                          | SY/MD    | Ok       |
| 16  | Q3172-01DL   | FW7DDL         | VV039182.D     | 25 Sep 2025 15:33 | Surrogate fail           | SY/MD    | Ok       |
| 17  | Q3168-05RE   | TOTES COMP#1RE | VV039183.D     | 25 Sep 2025 15:55 | pH<2.0 B, Surrogate fail | SY/MD    | Confirms |
| 18  | Q3168-06RE   | TOTES COMP#2RE | VV039184.D     | 25 Sep 2025 16:18 | pH<2.0 B, Surrogate fail | SY/MD    | Confirms |

Instrument ID: MSVOA\_V

**Daily Analysis Runlog For Sequence/QC Batch ID # VV092525**

| Review By                               | Mahesh Dadoda       | Review On         | 9/29/2025 12:56:22 AM |                      |              |
|-----------------------------------------|---------------------|-------------------|-----------------------|----------------------|--------------|
| Supervise By                            | Semsettin Yesilyurt | Supervise On      | 9/29/2025 1:08:36 AM  |                      |              |
| SubDirectory                            | VV092525            | HP Acquire Method | 8260_V                | HP Processing Method | 82v092225w.m |
| STD. NAME                               | STD REF.#           |                   |                       |                      |              |
| Tune/Reschk<br>Initial Calibration Stds | VP135649            |                   |                       |                      |              |
| CCC                                     | VP135650,VP135651   |                   |                       |                      |              |
| Internal Standard/PEM                   | VP133935            |                   |                       |                      |              |
| ICV/I.BLK                               |                     |                   |                       |                      |              |
| Surrogate Standard                      |                     |                   |                       |                      |              |
| MS/MSD Standard                         |                     |                   |                       |                      |              |
| LCS Standard                            |                     |                   |                       |                      |              |

|    |            |              |            |                   |                                  |       |       |
|----|------------|--------------|------------|-------------------|----------------------------------|-------|-------|
| 19 | Q3172-03   | GB3W         | VV039185.D | 25 Sep 2025 16:40 | pH<2.0 A                         | SY/MD | Ok    |
| 20 | Q3195-22   | RW-1-092425  | VV039186.D | 25 Sep 2025 17:03 | pH<2.0 A                         | SY/MD | Ok    |
| 21 | Q3195-23   | EB-01-091925 | VV039187.D | 25 Sep 2025 17:25 | pH<2.0 A ,EB                     | SY/MD | Ok    |
| 22 | Q3195-24   | EB-02-092225 | VV039188.D | 25 Sep 2025 17:47 | pH<2.0 A ,Internal Standard Fail | SY/MD | ReRun |
| 23 | Q3195-25   | FB-01-091925 | VV039189.D | 25 Sep 2025 18:10 | pH<2.0 A ,FB                     | SY/MD | Ok    |
| 24 | Q3195-26   | FB-02-092225 | VV039190.D | 25 Sep 2025 18:32 | pH<2.0 A FB                      | SY/MD | Ok    |
| 25 | Q3195-27   | TB-01-091525 | VV039191.D | 25 Sep 2025 18:55 | pH<2.0 A ,TB                     | SY/MD | Ok    |
| 26 | Q3195-02   | MW-1-091725  | VV039192.D | 25 Sep 2025 19:17 | pH<2.0 A                         | SY/MD | Ok    |
| 27 | Q3195-09   | MW-22-091825 | VV039193.D | 25 Sep 2025 19:40 | pH<2.0 A                         | SY/MD | Ok    |
| 28 | Q3195-10   | MW-23-092325 | VV039194.D | 25 Sep 2025 20:02 | pH<2.0 A                         | SY/MD | Ok    |
| 29 | Q3195-11   | MW-24-091925 | VV039195.D | 25 Sep 2025 20:25 | pH<2.0 A                         | SY/MD | Ok    |
| 30 | VSTDCCC050 | VSTDCCC050EC | VV039196.D | 25 Sep 2025 20:47 |                                  | SY/MD | Ok    |

M : Manual Integration

## LAB CHRONICLE

|                 |                 |                   |                      |
|-----------------|-----------------|-------------------|----------------------|
| <b>OrderID:</b> | Q3172           | <b>OrderDate:</b> | 9/24/2025 9:00:00 AM |
| <b>Client:</b>  | G Environmental | <b>Project:</b>   | Amsterdam            |
| <b>Contact:</b> | Gary Landis     | <b>Location:</b>  | J43,VOA Lab          |

| LabID             | ClientID      | Matrix       | Test         | Method   | Sample Date     | Prep Date | Anal Date | Received        |
|-------------------|---------------|--------------|--------------|----------|-----------------|-----------|-----------|-----------------|
| <b>Q3172-01</b>   | <b>FW7D</b>   | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/22/25</b> |           | 09/24/25  | <b>09/23/25</b> |
| <b>Q3172-01DL</b> | <b>FW7DDL</b> | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/22/25</b> |           | 09/25/25  | <b>09/23/25</b> |
| <b>Q3172-02</b>   | <b>FW6D</b>   | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/22/25</b> |           | 09/24/25  | <b>09/23/25</b> |
| <b>Q3172-02DL</b> | <b>FW6DDL</b> | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/22/25</b> |           | 09/25/25  | <b>09/23/25</b> |
| <b>Q3172-03</b>   | <b>GB3W</b>   | <b>Water</b> | VOCMS Group1 | 8260-Low | <b>09/22/25</b> |           | 09/25/25  | <b>09/23/25</b> |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3172  
**Client:** G Environmental

**Order ID:** Q3172  
**Project ID:** Amsterdam

| Sample ID               | Client ID | Matrix | Parameter | Concentration | C | MDL   | RDL  | Units |
|-------------------------|-----------|--------|-----------|---------------|---|-------|------|-------|
| <b>Client ID : FW7D</b> |           |        |           |               |   |       |      |       |
| Q3172-01                | FW7D      | Water  | Aluminum  | 113000        |   | 5.67  | 50.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Arsenic   | 215           |   | 2.56  | 10.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Barium    | 2280          |   | 7.28  | 50.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Beryllium | 9.65          |   | 0.28  | 3.00 | ug/L  |
| Q3172-01                | FW7D      | Water  | Cadmium   | 12.2          |   | 0.25  | 3.00 | ug/L  |
| Q3172-01                | FW7D      | Water  | Calcium   | 435000        |   | 117   | 1000 | ug/L  |
| Q3172-01                | FW7D      | Water  | Chromium  | 135           |   | 1.06  | 5.00 | ug/L  |
| Q3172-01                | FW7D      | Water  | Cobalt    | 201           |   | 1.13  | 15.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Copper    | 210           |   | 2.30  | 10.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Iron      | 191000        |   | 11.7  | 50.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Lead      | 142           |   | 1.15  | 6.00 | ug/L  |
| Q3172-01                | FW7D      | Water  | Magnesium | 105000        |   | 122   | 1000 | ug/L  |
| Q3172-01                | FW7D      | Water  | Manganese | 8680          |   | 2.97  | 10.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Mercury   | 0.72          |   | 0.076 | 0.20 | ug/L  |
| Q3172-01                | FW7D      | Water  | Nickel    | 392           |   | 1.53  | 20.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Potassium | 43000         |   | 459   | 1000 | ug/L  |
| Q3172-01                | FW7D      | Water  | Sodium    | 98300         |   | 434   | 1000 | ug/L  |
| Q3172-01                | FW7D      | Water  | Vanadium  | 190           |   | 3.13  | 20.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Zinc      | 751           |   | 8.33  | 20.0 | ug/L  |
| <b>Client ID : FW6D</b> |           |        |           |               |   |       |      |       |
| Q3172-02                | FW6D      | Water  | Aluminum  | 610           |   | 5.67  | 50.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Arsenic   | 30.0          |   | 2.56  | 10.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Barium    | 117           |   | 7.28  | 50.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Cadmium   | 0.36          | J | 0.25  | 3.00 | ug/L  |
| Q3172-02                | FW6D      | Water  | Calcium   | 42300         |   | 117   | 1000 | ug/L  |
| Q3172-02                | FW6D      | Water  | Chromium  | 3.33          | J | 1.06  | 5.00 | ug/L  |
| Q3172-02                | FW6D      | Water  | Cobalt    | 2.59          | J | 1.13  | 15.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Copper    | 47.6          |   | 2.30  | 10.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Iron      | 13800         |   | 11.7  | 50.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Lead      | 6.17          |   | 1.15  | 6.00 | ug/L  |
| Q3172-02                | FW6D      | Water  | Magnesium | 3980          |   | 122   | 1000 | ug/L  |
| Q3172-02                | FW6D      | Water  | Manganese | 892           |   | 2.97  | 10.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Mercury   | 0.087         | J | 0.076 | 0.20 | ug/L  |
| Q3172-02                | FW6D      | Water  | Nickel    | 5.26          | J | 1.53  | 20.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Potassium | 10600         |   | 459   | 1000 | ug/L  |
| Q3172-02                | FW6D      | Water  | Sodium    | 19600         |   | 434   | 1000 | ug/L  |
| Q3172-02                | FW6D      | Water  | Zinc      | 117           |   | 8.33  | 20.0 | ug/L  |



# SAMPLE DATA

A

B

C

D

E

F

G

H

I

J

## Report of Analysis

|                   |                 |                 |          |
|-------------------|-----------------|-----------------|----------|
| Client:           | G Environmental | Date Collected: | 09/22/25 |
| Project:          | Amsterdam       | Date Received:  | 09/23/25 |
| Client Sample ID: | FW7D            | SDG No.:        | Q3172    |
| Lab Sample ID:    | Q3172-01        | Matrix:         | Water    |
| Level (low/med):  | low             | % Solid:        | 0        |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|-------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 113000 |      | 1  | 5.67  | 50.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-36-0 | Antimony  | 3.38   | U    | 1  | 3.38  | 25.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 215    |      | 1  | 2.56  | 10.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 2280   |      | 1  | 7.28  | 50.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 9.65   |      | 1  | 0.28  | 3.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 12.2   |      | 1  | 0.25  | 3.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-70-2 | Calcium   | 435000 |      | 1  | 117   | 1000       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 135    |      | 1  | 1.06  | 5.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 201    |      | 1  | 1.13  | 15.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 210    |      | 1  | 2.30  | 10.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7439-89-6 | Iron      | 191000 |      | 1  | 11.7  | 50.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 142    |      | 1  | 1.15  | 6.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7439-95-4 | Magnesium | 105000 |      | 1  | 122   | 1000       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 8680   |      | 1  | 2.97  | 10.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7439-97-6 | Mercury   | 0.72   |      | 1  | 0.076 | 0.20       | ug/L  | 09/26/25 14:40 | 09/29/25 12:37 | 7470A    |           |
| 7440-02-0 | Nickel    | 392    |      | 1  | 1.53  | 20.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 43000  |      | 1  | 459   | 1000       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 4.82   | U    | 1  | 4.82  | 10.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 0.81   | U    | 1  | 0.81  | 5.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 98300  | N    | 1  | 434   | 1000       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 2.19   | U    | 1  | 2.19  | 20.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 190    |      | 1  | 3.13  | 20.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 751    | N    | 1  | 8.33  | 20.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:17 | 6010D    | SW3010    |

|               |            |                 |        |            |
|---------------|------------|-----------------|--------|------------|
| Color Before: | Brown      | Clarity Before: | Cloudy | Texture:   |
| Color After:  | Colorless  | Clarity After:  | Clear  | Artifacts: |
| Comments:     | METALS-TAL |                 |        |            |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

## Report of Analysis

|                   |                 |                 |          |
|-------------------|-----------------|-----------------|----------|
| Client:           | G Environmental | Date Collected: | 09/22/25 |
| Project:          | Amsterdam       | Date Received:  | 09/23/25 |
| Client Sample ID: | FW6D            | SDG No.:        | Q3172    |
| Lab Sample ID:    | Q3172-02        | Matrix:         | Water    |
| Level (low/med):  | low             | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 610   |      | 1  | 5.67  | 50.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-36-0 | Antimony  | 3.38  | U    | 1  | 3.38  | 25.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 30.0  |      | 1  | 2.56  | 10.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 117   |      | 1  | 7.28  | 50.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 0.28  | U    | 1  | 0.28  | 3.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 0.36  | J    | 1  | 0.25  | 3.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-70-2 | Calcium   | 42300 |      | 1  | 117   | 1000       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 3.33  | J    | 1  | 1.06  | 5.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 2.59  | J    | 1  | 1.13  | 15.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 47.6  |      | 1  | 2.30  | 10.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7439-89-6 | Iron      | 13800 |      | 1  | 11.7  | 50.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 6.17  |      | 1  | 1.15  | 6.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7439-95-4 | Magnesium | 3980  |      | 1  | 122   | 1000       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 892   |      | 1  | 2.97  | 10.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7439-97-6 | Mercury   | 0.087 | J    | 1  | 0.076 | 0.20       | ug/L  | 09/26/25 14:40 | 09/29/25 12:40 | 7470A    |           |
| 7440-02-0 | Nickel    | 5.26  | J    | 1  | 1.53  | 20.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 10600 |      | 1  | 459   | 1000       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 4.82  | U    | 1  | 4.82  | 10.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 0.81  | U    | 1  | 0.81  | 5.00       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 19600 | N    | 1  | 434   | 1000       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 2.19  | U    | 1  | 2.19  | 20.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 3.13  | U    | 1  | 3.13  | 20.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 117   | N    | 1  | 8.33  | 20.0       | ug/L  | 09/24/25 12:35 | 09/25/25 14:35 | 6010D    | SW3010    |

|               |            |                 |       |            |
|---------------|------------|-----------------|-------|------------|
| Color Before: | Colorless  | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless  | Clarity After:  | Clear | Artifacts: |
| Comments:     | METALS-TAL |                 |       |            |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENV01

**Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| ICB50     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 09/29/2025       | 10:46            | LB137343      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** G Environmental **SDG No.:** Q3172  
**Contract:** GENV01 **Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB51     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 09/29/2025       | 10:51            | LB137343      |
| CCB52     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 09/29/2025       | 11:24            | LB137343      |
| CCB53     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 09/29/2025       | 11:53            | LB137343      |
| CCB54     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 09/29/2025       | 12:20            | LB137343      |
| CCB55     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 09/29/2025       | 12:56            | LB137343      |
| CCB56     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 09/29/2025       | 13:24            | LB137343      |
| CCB57     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 09/29/2025       | 13:38            | LB137343      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENV01

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 09/25/2025       | 11:33            | LB137314      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 09/25/2025       | 11:33            | LB137314      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 09/25/2025       | 11:33            | LB137314      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 09/25/2025       | 11:33            | LB137314      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 09/25/2025       | 11:33            | LB137314      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB01     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 09/25/2025       | 12:17            | LB137314      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 09/25/2025       | 12:17            | LB137314      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 09/25/2025       | 12:17            | LB137314      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 09/25/2025       | 12:17            | LB137314      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 09/25/2025       | 12:17            | LB137314      |
| CCB02     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 09/25/2025       | 13:27            | LB137314      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 09/25/2025       | 13:27            | LB137314      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 09/25/2025       | 13:27            | LB137314      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 09/25/2025       | 13:27            | LB137314      |

## Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB02     | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 09/25/2025       | 13:27            | LB137314      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 09/25/2025       | 13:27            | LB137314      |
| CCB03     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 09/25/2025       | 14:30            | LB137314      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 09/25/2025       | 14:30            | LB137314      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 09/25/2025       | 14:30            | LB137314      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 09/25/2025       | 14:30            | LB137314      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 09/25/2025       | 14:30            | LB137314      |
| CCB04     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 09/25/2025       | 15:20            | LB137314      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 09/25/2025       | 15:20            | LB137314      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 09/25/2025       | 15:20            | LB137314      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 09/25/2025       | 15:20            | LB137314      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental SDG No.: Q3172  
Contract: GENV01 Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB04     | Magnesium | 244            | +/-1000             | U            | 2000 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 09/25/2025       | 15:20            | LB137314      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 09/25/2025       | 15:20            | LB137314      |
| CCB05     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 09/25/2025       | 16:20            | LB137314      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 09/25/2025       | 16:20            | LB137314      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 09/25/2025       | 16:20            | LB137314      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 09/25/2025       | 16:20            | LB137314      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 09/25/2025       | 16:20            | LB137314      |
| CCB06     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 09/25/2025       | 17:31            | LB137314      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 09/25/2025       | 17:31            | LB137314      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 09/25/2025       | 17:31            | LB137314      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB06     | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 09/25/2025       | 17:31            | LB137314      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 09/25/2025       | 17:31            | LB137314      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 09/25/2025       | 17:31            | LB137314      |
| CCB07     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 09/25/2025       | 17:44            | LB137314      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 09/25/2025       | 17:44            | LB137314      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 09/25/2025       | 17:44            | LB137314      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 09/25/2025       | 17:44            | LB137314      |
|           | Zinc      | 16.7           | +/-20               | U            | 40.0 | P | 09/25/2025       | 17:44            | LB137314      |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** G Environmental

**SDG No.:** Q3172

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB169872BL</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB169872</b> |    | <b>Prep Date:</b> | <b>09/26/2025</b> |          |
|                   | Mercury | 0.088            | <0.2                | J                    | 0.20            | CV | 09/29/2025        | 12:27             | LB137343 |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** G Environmental

**SDG No.:** Q3172

**Instrument:** P4

| Sample ID         | Analyte      | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|--------------|------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB169812BL</b> | <b>WATER</b> |                  |                     | <b>Batch Number:</b> | <b>PB169812</b> |   | <b>Prep Date:</b> | <b>09/24/2025</b> |          |
|                   | Aluminum     | 5.67             | <25                 | U                    | 50.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Antimony     | 3.38             | <12.5               | U                    | 25.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Arsenic      | 2.56             | <5                  | U                    | 10.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Barium       | 7.28             | <25                 | U                    | 50.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Beryllium    | 0.28             | <1.5                | U                    | 3.00            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Cadmium      | 0.25             | <1.5                | U                    | 3.00            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Calcium      | 117              | <500                | U                    | 1000            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Chromium     | 1.06             | <2.5                | U                    | 5.00            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Cobalt       | 1.13             | <7.5                | U                    | 15.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Copper       | 2.30             | <5                  | U                    | 10.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Iron         | 11.7             | <25                 | U                    | 50.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Lead         | 1.15             | <3                  | U                    | 6.00            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Magnesium    | 122              | <500                | U                    | 1000            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Manganese    | 2.97             | <5                  | U                    | 10.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Nickel       | 1.53             | <10                 | U                    | 20.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Potassium    | 459              | <500                | U                    | 1000            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Selenium     | 4.82             | <5                  | U                    | 10.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Silver       | 0.81             | <2.5                | U                    | 5.00            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Sodium       | 434              | <500                | U                    | 1000            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Thallium     | 2.19             | <10                 | U                    | 20.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Vanadium     | 3.13             | <10                 | U                    | 20.0            | P | 09/25/2025        | 13:02             | LB137314 |
|                   | Zinc         | 8.33             | <10                 | U                    | 20.0            | P | 09/25/2025        | 13:02             | LB137314 |



# METAL CALIBRATION DATA

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENV01

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV50     | Mercury | 3.71           | 4.0        | 93            | 90 - 110                  | CV | 09/29/2025       | 10:44            | LB137343      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENV01

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV51     | Mercury | 5.02           | 5.0        | 100           | 90 - 110                  | CV | 09/29/2025       | 10:49            | LB137343      |
| CCV52     | Mercury | 5.09           | 5.0        | 102           | 90 - 110                  | CV | 09/29/2025       | 11:22            | LB137343      |
| CCV53     | Mercury | 4.84           | 5.0        | 97            | 90 - 110                  | CV | 09/29/2025       | 11:51            | LB137343      |
| CCV54     | Mercury | 4.65           | 5.0        | 93            | 90 - 110                  | CV | 09/29/2025       | 12:18            | LB137343      |
| CCV55     | Mercury | 4.75           | 5.0        | 95            | 90 - 110                  | CV | 09/29/2025       | 12:53            | LB137343      |
| CCV56     | Mercury | 4.85           | 5.0        | 97            | 90 - 110                  | CV | 09/29/2025       | 13:22            | LB137343      |
| CCV57     | Mercury | 4.81           | 5.0        | 96            | 90 - 110                  | CV | 09/29/2025       | 13:36            | LB137343      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3172

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 7830           | 8000       | 98            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Antimony  | 4090           | 4000       | 102           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Arsenic   | 3970           | 4000       | 99            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Barium    | 7810           | 8000       | 98            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Beryllium | 196            | 200        | 98            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Cadmium   | 1970           | 2000       | 98            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Calcium   | 19500          | 20000      | 98            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Chromium  | 816            | 800        | 102           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Cobalt    | 1970           | 2000       | 98            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Copper    | 1010           | 1000       | 101           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Iron      | 4180           | 4000       | 105           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Lead      | 3850           | 4000       | 96            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Magnesium | 19400          | 20000      | 97            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Manganese | 1950           | 2000       | 97            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Nickel    | 1970           | 2000       | 99            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Potassium | 20700          | 20000      | 104           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Selenium  | 4010           | 4000       | 100           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Silver    | 1020           | 1000       | 102           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Sodium    | 20500          | 20000      | 103           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Thallium  | 3980           | 4000       | 100           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Vanadium  | 1940           | 2000       | 97            | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |
|           | Zinc      | 2030           | 2000       | 101           | 90 - 110                  | P | 09/25/2025       | 11:20            | LB137314      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental  
Contract: GENV01  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3172  
Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 101            | 100        | 101           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Antimony  | 47.8           | 50.0       | 96            | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Arsenic   | 22.4           | 20.0       | 112           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Barium    | 97.5           | 100        | 98            | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Beryllium | 6.21           | 6.0        | 104           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Cadmium   | 5.96           | 6.0        | 99            | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Calcium   | 2040           | 2000       | 102           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Chromium  | 10.4           | 10.0       | 104           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Cobalt    | 29.2           | 30.0       | 97            | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Copper    | 20.5           | 20.0       | 103           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Iron      | 108            | 100        | 108           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Lead      | 10.2           | 12.0       | 85            | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Magnesium | 2080           | 2000       | 104           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Manganese | 20.6           | 20.0       | 103           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Nickel    | 40.1           | 40.0       | 100           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Potassium | 2120           | 2000       | 106           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Selenium  | 21.6           | 20.0       | 108           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Silver    | 9.87           | 10.0       | 99            | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Sodium    | 2010           | 2000       | 101           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Thallium  | 38.9           | 40.0       | 97            | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Vanadium  | 35.4           | 40.0       | 88            | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |
|           | Zinc      | 42.4           | 40.0       | 106           | 80 - 120                  | P | 09/25/2025       | 11:29            | LB137314      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** G Environmental

**Contract:** GENV01

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q3172

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 9660           | 10000      | 97            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Antimony  | 4930           | 5000       | 99            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Arsenic   | 4910           | 5000       | 98            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Barium    | 9590           | 10000      | 96            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Beryllium | 235            | 250        | 94            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Cadmium   | 2420           | 2500       | 97            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Calcium   | 24000          | 25000      | 96            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Chromium  | 981            | 1000       | 98            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Cobalt    | 2410           | 2500       | 96            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Copper    | 1230           | 1250       | 98            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Iron      | 5010           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Lead      | 4800           | 5000       | 96            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Magnesium | 23900          | 25000      | 96            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Manganese | 2380           | 2500       | 95            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Nickel    | 2410           | 2500       | 96            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Potassium | 25100          | 25000      | 100           | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Selenium  | 4970           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Sodium    | 24600          | 25000      | 98            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Thallium  | 4900           | 5000       | 98            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Vanadium  | 2420           | 2500       | 97            | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
|           | Zinc      | 2490           | 2500       | 100           | 90 - 110                  | P | 09/25/2025       | 12:12            | LB137314      |
| CCV02     | Aluminum  | 9810           | 10000      | 98            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Antimony  | 5080           | 5000       | 102           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Arsenic   | 5030           | 5000       | 101           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Barium    | 9690           | 10000      | 97            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Beryllium | 235            | 250        | 94            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Cadmium   | 2460           | 2500       | 99            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Calcium   | 24300          | 25000      | 97            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Cobalt    | 2460           | 2500       | 98            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Copper    | 1250           | 1250       | 100           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Iron      | 5220           | 5000       | 104           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Lead      | 4880           | 5000       | 98            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

**Client:** G Environmental

**Contract:** GENV01

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q3172

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 24000          | 25000      | 96            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Manganese | 2390           | 2500       | 96            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Nickel    | 2460           | 2500       | 99            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Potassium | 26400          | 25000      | 106           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Selenium  | 5110           | 5000       | 102           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Silver    | 1260           | 1250       | 101           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Sodium    | 25200          | 25000      | 101           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Thallium  | 5180           | 5000       | 104           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Vanadium  | 2460           | 2500       | 98            | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
|           | Zinc      | 2630           | 2500       | 105           | 90 - 110                  | P | 09/25/2025       | 13:23            | LB137314      |
| CCV03     | Aluminum  | 9770           | 10000      | 98            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Antimony  | 4990           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Arsenic   | 4990           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Barium    | 9550           | 10000      | 96            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Beryllium | 238            | 250        | 95            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Cadmium   | 2440           | 2500       | 98            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Calcium   | 24300          | 25000      | 97            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Chromium  | 981            | 1000       | 98            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Cobalt    | 2430           | 2500       | 97            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Copper    | 1240           | 1250       | 99            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Iron      | 4990           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Lead      | 4840           | 5000       | 97            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Magnesium | 24100          | 25000      | 96            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Manganese | 2390           | 2500       | 96            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Nickel    | 2440           | 2500       | 98            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Potassium | 26100          | 25000      | 104           | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Selenium  | 5080           | 5000       | 102           | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Silver    | 1220           | 1250       | 98            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Sodium    | 24200          | 25000      | 97            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Thallium  | 5040           | 5000       | 101           | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Vanadium  | 2460           | 2500       | 98            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
|           | Zinc      | 2470           | 2500       | 99            | 90 - 110                  | P | 09/25/2025       | 14:21            | LB137314      |
| CCV04     | Aluminum  | 9860           | 10000      | 99            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Antimony  | 4980           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental

**Contract:** GENV01

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q3172

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 4950           | 5000       | 99            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Barium    | 9580           | 10000      | 96            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Beryllium | 240            | 250        | 96            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Cadmium   | 2440           | 2500       | 98            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Calcium   | 24400          | 25000      | 98            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Chromium  | 999            | 1000       | 100           | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Cobalt    | 2430           | 2500       | 97            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Copper    | 1240           | 1250       | 99            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Iron      | 4980           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Lead      | 4830           | 5000       | 97            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Magnesium | 24300          | 25000      | 97            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Manganese | 2380           | 2500       | 95            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Nickel    | 2440           | 2500       | 98            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Potassium | 25200          | 25000      | 101           | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Selenium  | 5040           | 5000       | 101           | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Silver    | 1230           | 1250       | 99            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Sodium    | 23800          | 25000      | 95            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Thallium  | 5190           | 5000       | 104           | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Vanadium  | 2480           | 2500       | 99            | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
|           | Zinc      | 2510           | 2500       | 100           | 90 - 110                  | P | 09/25/2025       | 15:16            | LB137314      |
| CCV05     | Aluminum  | 10100          | 10000      | 101           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Antimony  | 5180           | 5000       | 104           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Arsenic   | 5170           | 5000       | 103           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Barium    | 9750           | 10000      | 98            | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Beryllium | 247            | 250        | 99            | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Cadmium   | 2520           | 2500       | 101           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Calcium   | 25200          | 25000      | 101           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Chromium  | 1040           | 1000       | 104           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Cobalt    | 2510           | 2500       | 100           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Copper    | 1290           | 1250       | 103           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Iron      | 5350           | 5000       | 107           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Lead      | 4990           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Magnesium | 25000          | 25000      | 100           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Manganese | 2480           | 2500       | 99            | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** G Environmental  
**Contract:** GENV01  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q3172  
**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Nickel    | 2520           | 2500       | 101           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Potassium | 26600          | 25000      | 106           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Selenium  | 5280           | 5000       | 106           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Silver    | 1290           | 1250       | 103           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Sodium    | 25300          | 25000      | 101           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Thallium  | 5380           | 5000       | 108           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Vanadium  | 2560           | 2500       | 102           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
|           | Zinc      | 2640           | 2500       | 106           | 90 - 110                  | P | 09/25/2025       | 16:16            | LB137314      |
| CCV06     | Aluminum  | 10200          | 10000      | 102           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Antimony  | 5060           | 5000       | 101           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Arsenic   | 5030           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Barium    | 9990           | 10000      | 100           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Beryllium | 245            | 250        | 98            | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Cadmium   | 2470           | 2500       | 99            | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Calcium   | 25200          | 25000      | 101           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Chromium  | 1000           | 1000       | 100           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Cobalt    | 2460           | 2500       | 98            | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Copper    | 1260           | 1250       | 101           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Iron      | 5030           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Lead      | 4880           | 5000       | 98            | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Magnesium | 25300          | 25000      | 101           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Manganese | 2500           | 2500       | 100           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Nickel    | 2460           | 2500       | 99            | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Potassium | 26300          | 25000      | 105           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Selenium  | 5110           | 5000       | 102           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Silver    | 1240           | 1250       | 99            | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Sodium    | 24800          | 25000      | 99            | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Thallium  | 5260           | 5000       | 105           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Vanadium  | 2570           | 2500       | 103           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
|           | Zinc      | 2520           | 2500       | 101           | 90 - 110                  | P | 09/25/2025       | 17:27            | LB137314      |
| CCV07     | Aluminum  | 10100          | 10000      | 101           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Antimony  | 5170           | 5000       | 103           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Arsenic   | 5120           | 5000       | 102           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Barium    | 9780           | 10000      | 98            | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental  
Contract: GENV01  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3172  
Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV07     | Beryllium | 244            | 250        | 98            | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Cadmium   | 2520           | 2500       | 101           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Calcium   | 24900          | 25000      | 100           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Chromium  | 1040           | 1000       | 104           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Cobalt    | 2510           | 2500       | 100           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Copper    | 1280           | 1250       | 103           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Iron      | 5170           | 5000       | 103           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Lead      | 4980           | 5000       | 100           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Magnesium | 24900          | 25000      | 100           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Manganese | 2440           | 2500       | 98            | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Nickel    | 2520           | 2500       | 101           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Potassium | 26100          | 25000      | 104           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Selenium  | 5210           | 5000       | 104           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Silver    | 1280           | 1250       | 102           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Sodium    | 24300          | 25000      | 97            | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Thallium  | 5360           | 5000       | 107           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Vanadium  | 2530           | 2500       | 101           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |
|           | Zinc      | 2590           | 2500       | 104           | 90 - 110                  | P | 09/25/2025       | 17:40            | LB137314      |

**Metals**

- 2b -

**CRDL STANDARD FOR AA & ICP**

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENV01

**Lab Code:** ACE

**Initial Calibration Source:** \_\_\_\_\_

**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID    | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|-----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| <b>CRI01</b> | Aluminum  | 122            | 100                | 122           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Antimony  | 54.2           | 50.0               | 108           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Arsenic   | 21.8           | 20.0               | 109           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Barium    | 105            | 100                | 105           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Beryllium | 6.51           | 6.0                | 108           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Cadmium   | 6.34           | 6.0                | 106           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Calcium   | 2180           | 2000               | 109           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Chromium  | 10.7           | 10.0               | 107           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Cobalt    | 31.5           | 30.0               | 105           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Copper    | 22.6           | 20.0               | 113           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Iron      | 114            | 100                | 114           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Lead      | 11.4           | 12.0               | 95            | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Magnesium | 2190           | 2000               | 110           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Manganese | 22.6           | 20.0               | 113           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Nickel    | 42.9           | 40.0               | 107           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Potassium | 2140           | 2000               | 107           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Selenium  | 25.2           | 20.0               | 126           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Silver    | 11.0           | 10.0               | 110           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Sodium    | 2140           | 2000               | 107           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Thallium  | 42.8           | 40.0               | 107           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Vanadium  | 36.1           | 40.0               | 90            | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
|              | Zinc      | 44.8           | 40.0               | 112           | 65 - 135                  | P  | 09/25/2025       | 11:38            | LB137314      |
| <b>CRA</b>   | Mercury   | 0.17           | 0.2                | 87            | 70 - 130                  | CV | 09/29/2025       | 10:56            | LB137343      |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                       |                                 |
|---------------------------------------|---------------------------------|
| <b>Client:</b> <u>G Environmental</u> | <b>SDG No.:</b> <u>Q3172</u>    |
| <b>Contract:</b> <u>GENV01</u>        | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>         | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSA01    | Aluminum  | 283000         | 255000             | 111           | 216000                 | 294000                  | 09/25/2025       | 11:42            | LB137314      |
|           | Antimony  | -3.99          |                    |               | -50                    | 50                      | 09/25/2025       | 11:42            | LB137314      |
|           | Arsenic   | 3.12           |                    |               | -20                    | 20                      | 09/25/2025       | 11:42            | LB137314      |
|           | Barium    | 1.85           | 6.0                | 31            | -94                    | 106                     | 09/25/2025       | 11:42            | LB137314      |
|           | Beryllium | 2.29           |                    |               | -6                     | 6                       | 09/25/2025       | 11:42            | LB137314      |
|           | Cadmium   | 1.36           | 1.0                | 136           | -5                     | 7                       | 09/25/2025       | 11:42            | LB137314      |
|           | Calcium   | 268000         | 245000             | 109           | 208000                 | 282000                  | 09/25/2025       | 11:42            | LB137314      |
|           | Chromium  | 51.7           | 52.0               | 99            | 42                     | 62                      | 09/25/2025       | 11:42            | LB137314      |
|           | Cobalt    | 1.04           |                    |               | -30                    | 30                      | 09/25/2025       | 11:42            | LB137314      |
|           | Copper    | 13.1           | 2.0                | 655           | -18                    | 22                      | 09/25/2025       | 11:42            | LB137314      |
|           | Iron      | 114000         | 101000             | 113           | 85600                  | 116500                  | 09/25/2025       | 11:42            | LB137314      |
|           | Lead      | -7.23          |                    |               | -12                    | 12                      | 09/25/2025       | 11:42            | LB137314      |
|           | Magnesium | 284000         | 255000             | 111           | 216000                 | 294000                  | 09/25/2025       | 11:42            | LB137314      |
|           | Manganese | 6.88           | 7.0                | 98            | -13                    | 27                      | 09/25/2025       | 11:42            | LB137314      |
|           | Nickel    | 3.09           | 2.0                | 154           | -38                    | 42                      | 09/25/2025       | 11:42            | LB137314      |
|           | Potassium | 81.6           |                    |               | 0                      | 0                       | 09/25/2025       | 11:42            | LB137314      |
|           | Selenium  | 10.6           |                    |               | -20                    | 20                      | 09/25/2025       | 11:42            | LB137314      |
|           | Silver    | -2.79          |                    |               | -10                    | 10                      | 09/25/2025       | 11:42            | LB137314      |
|           | Sodium    | -1.08          |                    |               | 0                      | 0                       | 09/25/2025       | 11:42            | LB137314      |
|           | Thallium  | 0.46           |                    |               | -40                    | 40                      | 09/25/2025       | 11:42            | LB137314      |
|           | Vanadium  | 2.04           |                    |               | -40                    | 40                      | 09/25/2025       | 11:42            | LB137314      |
|           | Zinc      | 1.46           |                    |               | -40                    | 40                      | 09/25/2025       | 11:42            | LB137314      |
| ICSAB01   | Aluminum  | 251000         | 247000             | 102           | 209000                 | 285000                  | 09/25/2025       | 11:46            | LB137314      |
|           | Antimony  | 639            | 618                | 103           | 525                    | 711                     | 09/25/2025       | 11:46            | LB137314      |
|           | Arsenic   | 112            | 104                | 108           | 88.4                   | 120                     | 09/25/2025       | 11:46            | LB137314      |
|           | Barium    | 497            | 537                | 93            | 437                    | 637                     | 09/25/2025       | 11:46            | LB137314      |
|           | Beryllium | 512            | 495                | 103           | 420                    | 570                     | 09/25/2025       | 11:46            | LB137314      |
|           | Cadmium   | 1030           | 972                | 106           | 826                    | 1120                    | 09/25/2025       | 11:46            | LB137314      |
|           | Calcium   | 237000         | 235000             | 101           | 199000                 | 271000                  | 09/25/2025       | 11:46            | LB137314      |
|           | Chromium  | 576            | 542                | 106           | 460                    | 624                     | 09/25/2025       | 11:46            | LB137314      |
|           | Cobalt    | 514            | 476                | 108           | 404                    | 548                     | 09/25/2025       | 11:46            | LB137314      |
|           | Copper    | 511            | 511                | 100           | 434                    | 588                     | 09/25/2025       | 11:46            | LB137314      |
|           | Iron      | 104000         | 99300              | 105           | 84400                  | 114500                  | 09/25/2025       | 11:46            | LB137314      |
|           | Lead      | 41.9           | 49.0               | 86            | 37                     | 61                      | 09/25/2025       | 11:46            | LB137314      |
|           | Magnesium | 251000         | 248000             | 101           | 210000                 | 286000                  | 09/25/2025       | 11:46            | LB137314      |
|           | Manganese | 495            | 507                | 98            | 430                    | 584                     | 09/25/2025       | 11:46            | LB137314      |
|           | Nickel    | 1030           | 954                | 108           | 810                    | 1100                    | 09/25/2025       | 11:46            | LB137314      |
|           | Potassium | 14.4           |                    |               | 0                      | 0                       | 09/25/2025       | 11:46            | LB137314      |
|           | Selenium  | 60.7           | 46.0               | 132           | 26                     | 66                      | 09/25/2025       | 11:46            | LB137314      |
|           | Silver    | 220            | 201                | 110           | 170                    | 232                     | 09/25/2025       | 11:46            | LB137314      |
|           | Sodium    | 35.3           |                    |               | 0                      | 0                       | 09/25/2025       | 11:46            | LB137314      |
|           | Thallium  | 115            | 108                | 106           | 68                     | 148                     | 09/25/2025       | 11:46            | LB137314      |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                       |                                 |
|---------------------------------------|---------------------------------|
| <b>Client:</b> <u>G Environmental</u> | <b>SDG No.:</b> <u>Q3172</u>    |
| <b>Contract:</b> <u>GENV01</u>        | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>         | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Vanadium | 489            | 491                | 100           | 417                    | 565                     | 09/25/2025       | 11:46            | LB137314      |
|           | Zinc     | 1090           | 952                | 114           | 809                    | 1095                    | 09/25/2025       | 11:46            | LB137314      |



# METAL QC DATA

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

**client:** G Environmental **level:** low **sdg no.:** Q3172  
**contract:** GENV01 **lab code:** ACE  
**matrix:** Water **sample id:** Q3168-05 **client id:** TOTES COMP#1MS  
**Percent Solids for Sample:** NA **Spiked ID:** Q3168-05MS **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum  | ug/L  | 75 - 125               | 1520             |   | 628              |   | 1000           | 89            |      | P |
| Antimony  | ug/L  | 75 - 125               | 385              |   | 25.0             | U | 400            | 96            |      | P |
| Arsenic   | ug/L  | 75 - 125               | 387              |   | 10.0             | U | 400            | 97            |      | P |
| Barium    | ug/L  | 75 - 125               | 108              |   | 15.5             | J | 100            | 92            |      | P |
| Beryllium | ug/L  | 75 - 125               | 91.7             |   | 3.00             | U | 100            | 92            |      | P |
| Cadmium   | ug/L  | 75 - 125               | 91.9             |   | 3.00             | U | 100            | 92            |      | P |
| Calcium   | ug/L  | 75 - 125               | 31900            |   | 27600            |   | 500            | 853           |      | P |
| Chromium  | ug/L  | 75 - 125               | 203              |   | 1.92             | J | 200            | 101           |      | P |
| Cobalt    | ug/L  | 75 - 125               | 94.3             |   | 15.0             | U | 100            | 94            |      | P |
| Copper    | ug/L  | 75 - 125               | 157              |   | 12.4             |   | 150            | 97            |      | P |
| Iron      | ug/L  | 75 - 125               | 3190             |   | 1670             |   | 1500           | 102           |      | P |
| Lead      | ug/L  | 75 - 125               | 466              |   | 12.9             |   | 500            | 91            |      | P |
| Magnesium | ug/L  | 75 - 125               | 2020             |   | 1000             |   | 1000           | 102           |      | P |
| Manganese | ug/L  | 75 - 125               | 143              |   | 46.1             |   | 100            | 97            |      | P |
| Nickel    | ug/L  | 75 - 125               | 236              |   | 1.67             | J | 250            | 94            |      | P |
| Potassium | ug/L  | 75 - 125               | 7220             |   | 1940             |   | 5000           | 106           |      | P |
| Selenium  | ug/L  | 75 - 125               | 960              |   | 10.0             | U | 1000           | 96            |      | P |
| Silver    | ug/L  | 75 - 125               | 33.6             |   | 5.00             | U | 37.5           | 90            |      | P |
| Sodium    | ug/L  | 75 - 125               | 5960             |   | 3870             |   | 1500           | 139           | N    | P |
| Thallium  | ug/L  | 75 - 125               | 988              |   | 20.0             | U | 1000           | 99            |      | P |
| Vanadium  | ug/L  | 75 - 125               | 144              |   | 20.0             | U | 150            | 96            |      | P |
| Zinc      | ug/L  | 75 - 125               | 503              |   | 355              |   | 100            | 148           | N    | P |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

**client:** G Environmental **level:** low **sdg no.:** Q3172  
**contract:** GENV01 **lab code:** ACE  
**matrix:** Water **sample id:** Q3168-05 **client id:** TOTES COMP#1MSD  
**Percent Solids for Sample:** NA **Spiked ID:** Q3168-05MSD **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum  | ug/L  | 75 - 125               | 1480          |   | 628              |   | 1000           | 85            |      | P |
| Antimony  | ug/L  | 75 - 125               | 395           |   | 25.0             | U | 400            | 99            |      | P |
| Arsenic   | ug/L  | 75 - 125               | 377           |   | 10.0             | U | 400            | 94            |      | P |
| Barium    | ug/L  | 75 - 125               | 108           |   | 15.5             | J | 100            | 93            |      | P |
| Beryllium | ug/L  | 75 - 125               | 89.8          |   | 3.00             | U | 100            | 90            |      | P |
| Cadmium   | ug/L  | 75 - 125               | 89.0          |   | 3.00             | U | 100            | 89            |      | P |
| Calcium   | ug/L  | 75 - 125               | 30300         |   | 27600            |   | 500            | 536           |      | P |
| Chromium  | ug/L  | 75 - 125               | 196           |   | 1.92             | J | 200            | 97            |      | P |
| Cobalt    | ug/L  | 75 - 125               | 91.5          |   | 15.0             | U | 100            | 92            |      | P |
| Copper    | ug/L  | 75 - 125               | 152           |   | 12.4             |   | 150            | 93            |      | P |
| Iron      | ug/L  | 75 - 125               | 3020          |   | 1670             |   | 1500           | 90            |      | P |
| Lead      | ug/L  | 75 - 125               | 451           |   | 12.9             |   | 500            | 88            |      | P |
| Magnesium | ug/L  | 75 - 125               | 1970          |   | 1000             |   | 1000           | 97            |      | P |
| Manganese | ug/L  | 75 - 125               | 141           |   | 46.1             |   | 100            | 95            |      | P |
| Nickel    | ug/L  | 75 - 125               | 228           |   | 1.67             | J | 250            | 91            |      | P |
| Potassium | ug/L  | 75 - 125               | 6900          |   | 1940             |   | 5000           | 99            |      | P |
| Selenium  | ug/L  | 75 - 125               | 935           |   | 10.0             | U | 1000           | 94            |      | P |
| Silver    | ug/L  | 75 - 125               | 31.7          |   | 5.00             | U | 37.5           | 84            |      | P |
| Sodium    | ug/L  | 75 - 125               | 5840          |   | 3870             |   | 1500           | 131           | N    | P |
| Thallium  | ug/L  | 75 - 125               | 970           |   | 20.0             | U | 1000           | 97            |      | P |
| Vanadium  | ug/L  | 75 - 125               | 145           |   | 20.0             | U | 150            | 97            |      | P |
| Zinc      | ug/L  | 75 - 125               | 468           |   | 355              |   | 100            | 113           |      | P |

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

|                                             |                                     |                                                   |
|---------------------------------------------|-------------------------------------|---------------------------------------------------|
| <b>client:</b> <u>G Environmental</u>       | <b>level:</b> <u>low</u>            | <b>sdg no.:</b> <u>Q3172</u>                      |
| <b>contract:</b> <u>GENV01</u>              |                                     | <b>lab code:</b> <u>ACE</u>                       |
| <b>matrix:</b> <u>Water</u>                 | <b>sample id:</b> <u>Q3205-01</u>   | <b>client id:</b> <u>TRE-25-0106MS</u>            |
| <b>Percent Solids for Sample:</b> <u>NA</u> | <b>Spiked ID:</b> <u>Q3205-01MS</u> | <b>Percent Solids for Spike Sample:</b> <u>NA</u> |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 75 - 125               | 3.87             |   | 0.085            | J | 4.0            | 95            |      | CV |

metals  
- 5a -  
MATRIX SPIKE DUPLICATE SUMMARY

|                            |                 |            |             |                                  |                |
|----------------------------|-----------------|------------|-------------|----------------------------------|----------------|
| client:                    | G Environmental | level:     | low         | sdg no.:                         | Q3172          |
| contract:                  | GENV01          |            |             | lab code:                        | ACE            |
| matrix:                    | Water           | sample id: | Q3205-01    | client id:                       | TRE-25-0106MSD |
| Percent Solids for Sample: | NA              | Spiked ID: | Q3205-01MSD | Percent Solids for Spike Sample: | NA             |

| Analyte | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 75 - 125               | 4.02          |   | 0.085            | J | 4.0            | 98            |      | CV |

**Metals**  
**- 5b -**  
**POST DIGEST SPIKE SUMMARY**

|                                       |                                    |                                        |
|---------------------------------------|------------------------------------|----------------------------------------|
| <b>Client:</b> <u>G Environmental</u> | <b>SDG No.:</b> <u>Q3172</u>       |                                        |
| <b>Contract:</b> <u>GENV01</u>        | <b>Lab Code:</b> <u>ACE</u>        |                                        |
| <b>Matrix:</b> <u>Water</u>           | <b>Level:</b> <u>LOW</u>           | <b>Client ID:</b> <u>TOTES COMP#1A</u> |
| <b>Sample ID:</b> <u>Q3168-05</u>     | <b>Spiked ID:</b> <u>Q3168-05A</u> |                                        |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Sodium  | ug/L  | 75 - 125               | 5390             |   | 3870             |   | 1500           | 101           |      | P |
| Zinc    | ug/L  | 75 - 125               | 448              |   | 355              |   | 100            | 93            |      | P |

A  
B  
C  
D  
E  
F  
G  
H  
I  
J

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** G Environmental **Level:** LOW **SDG No.:** Q3172  
**Contract:** GENV01 **Lab Code:** ACE  
**Matrix:** Water **Sample ID:** Q3168-05 **Client ID:** TOTES COMP#1DUP  
**Percent Solids for Sample:** NA **Duplicate ID** Q3168-05DUP **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | ug/L  | 20               | 628           |   | 576              |   | 9   |      | P |
| Antimony  | ug/L  | 20               | 25.0          | U | 25.0             | U |     |      | P |
| Arsenic   | ug/L  | 20               | 10.0          | U | 10.0             | U |     |      | P |
| Barium    | ug/L  | 20               | 15.5          | J | 19.1             | J | 21  |      | P |
| Beryllium | ug/L  | 20               | 3.00          | U | 3.00             | U |     |      | P |
| Cadmium   | ug/L  | 20               | 3.00          | U | 3.00             | U |     |      | P |
| Calcium   | ug/L  | 20               | 27600         |   | 31500            |   | 13  |      | P |
| Chromium  | ug/L  | 20               | 1.92          | J | 1.86             | J | 3   |      | P |
| Cobalt    | ug/L  | 20               | 15.0          | U | 15.0             | U |     |      | P |
| Copper    | ug/L  | 20               | 12.4          |   | 12.1             |   | 2   |      | P |
| Iron      | ug/L  | 20               | 1670          |   | 1740             |   | 4   |      | P |
| Lead      | ug/L  | 20               | 12.9          |   | 13.7             |   | 6   |      | P |
| Magnesium | ug/L  | 20               | 1000          |   | 1130             |   | 12  |      | P |
| Manganese | ug/L  | 20               | 46.1          |   | 52.1             |   | 12  |      | P |
| Nickel    | ug/L  | 20               | 1.67          | J | 1.63             | J | 2   |      | P |
| Potassium | ug/L  | 20               | 1940          |   | 2190             |   | 12  |      | P |
| Selenium  | ug/L  | 20               | 10.0          | U | 10.0             | U |     |      | P |
| Silver    | ug/L  | 20               | 5.00          | U | 5.00             | U |     |      | P |
| Sodium    | ug/L  | 20               | 3870          |   | 4520             |   | 15  |      | P |
| Thallium  | ug/L  | 20               | 20.0          | U | 20.0             | U |     |      | P |
| Vanadium  | ug/L  | 20               | 20.0          | U | 20.0             | U |     |      | P |
| Zinc      | ug/L  | 20               | 355           |   | 396              |   | 11  |      | P |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** G Environmental **Level:** LOW **SDG No.:** Q3172  
**Contract:** GENV01 **Lab Code:** ACE  
**Matrix:** Water **Sample ID:** Q3168-05MS **Client ID:** TOTES COMP#1MSD  
**Percent Solids for Sample:** NA **Duplicate ID** Q3168-05MSD **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | ug/L  | 20               | 1520          |   | 1480             |   | 3   |      | P |
| Antimony  | ug/L  | 20               | 385           |   | 395              |   | 3   |      | P |
| Arsenic   | ug/L  | 20               | 387           |   | 377              |   | 3   |      | P |
| Barium    | ug/L  | 20               | 108           |   | 108              |   | 0   |      | P |
| Beryllium | ug/L  | 20               | 91.7          |   | 89.8             |   | 2   |      | P |
| Cadmium   | ug/L  | 20               | 91.9          |   | 89.0             |   | 3   |      | P |
| Calcium   | ug/L  | 20               | 31900         |   | 30300            |   | 5   |      | P |
| Chromium  | ug/L  | 20               | 203           |   | 196              |   | 4   |      | P |
| Cobalt    | ug/L  | 20               | 94.3          |   | 91.5             |   | 3   |      | P |
| Copper    | ug/L  | 20               | 157           |   | 152              |   | 3   |      | P |
| Iron      | ug/L  | 20               | 3190          |   | 3020             |   | 5   |      | P |
| Lead      | ug/L  | 20               | 466           |   | 451              |   | 3   |      | P |
| Magnesium | ug/L  | 20               | 2020          |   | 1970             |   | 3   |      | P |
| Manganese | ug/L  | 20               | 143           |   | 141              |   | 1   |      | P |
| Nickel    | ug/L  | 20               | 236           |   | 228              |   | 3   |      | P |
| Potassium | ug/L  | 20               | 7220          |   | 6900             |   | 5   |      | P |
| Selenium  | ug/L  | 20               | 960           |   | 935              |   | 3   |      | P |
| Silver    | ug/L  | 20               | 33.6          |   | 31.7             |   | 6   |      | P |
| Sodium    | ug/L  | 20               | 5960          |   | 5840             |   | 2   |      | P |
| Thallium  | ug/L  | 20               | 988           |   | 970              |   | 2   |      | P |
| Vanadium  | ug/L  | 20               | 144           |   | 145              |   | 1   |      | P |
| Zinc      | ug/L  | 20               | 503           |   | 468              |   | 7   |      | P |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

|                                   |                        |                     |                 |                                         |                       |
|-----------------------------------|------------------------|---------------------|-----------------|-----------------------------------------|-----------------------|
| <b>Client:</b>                    | <u>G Environmental</u> | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q3172</u>          |
| <b>Contract:</b>                  | <u>GENV01</u>          |                     |                 | <b>Lab Code:</b>                        | <u>ACE</u>            |
| <b>Matrix:</b>                    | <u>Water</u>           | <b>Sample ID:</b>   | <u>Q3205-01</u> | <b>Client ID:</b>                       | <u>TRE-25-0106DUP</u> |
| <b>Percent Solids for Sample:</b> | NA                     | <b>Duplicate ID</b> | Q3205-01DUP     | <b>Percent Solids for Spike Sample:</b> | NA                    |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD   | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-------|------|----|
| Mercury | ug/L  | 20               | 0.085         | J | 0.20             | U | 200.0 |      | CV |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

|                                   |                        |                     |                   |                                         |                       |
|-----------------------------------|------------------------|---------------------|-------------------|-----------------------------------------|-----------------------|
| <b>Client:</b>                    | <u>G Environmental</u> | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q3172</u>          |
| <b>Contract:</b>                  | <u>GENV01</u>          |                     |                   | <b>Lab Code:</b>                        | <u>ACE</u>            |
| <b>Matrix:</b>                    | <u>Water</u>           | <b>Sample ID:</b>   | <u>Q3205-01MS</u> | <b>Client ID:</b>                       | <u>TRE-25-0106MSD</u> |
| <b>Percent Solids for Sample:</b> | NA                     | <b>Duplicate ID</b> | Q3205-01MSD       | <b>Percent Solids for Spike Sample:</b> | NA                    |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | ug/L  | 20               | 3.87          |   | 4.02             |   | 4   |      | CV |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

# Metals

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## LABORATORY CONTROL SAMPLE SUMMARY

|                  |                        |                  |              |
|------------------|------------------------|------------------|--------------|
| <b>Client:</b>   | <u>G Environmental</u> | <b>SDG No.:</b>  | <u>Q3172</u> |
| <b>Contract:</b> | <u>GENV01</u>          | <b>Lab Code:</b> | <u>ACE</u>   |

| Analyte    | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|------------|-------|------------|--------|---|------------|-------------------|---|
| PB169812BS |       |            |        |   |            |                   |   |
| Aluminum   | ug/L  | 1000       | 933    |   | 93         | 80 - 120          | P |
| Antimony   | ug/L  | 400        | 391    |   | 98         | 80 - 120          | P |
| Arsenic    | ug/L  | 400        | 376    |   | 94         | 80 - 120          | P |
| Barium     | ug/L  | 100        | 87.3   |   | 87         | 80 - 120          | P |
| Beryllium  | ug/L  | 100        | 94.6   |   | 95         | 80 - 120          | P |
| Cadmium    | ug/L  | 100        | 91.9   |   | 92         | 80 - 120          | P |
| Calcium    | ug/L  | 500        | 469    | J | 94         | 80 - 120          | P |
| Chromium   | ug/L  | 200        | 193    |   | 96         | 80 - 120          | P |
| Cobalt     | ug/L  | 100        | 92.3   |   | 92         | 80 - 120          | P |
| Copper     | ug/L  | 150        | 146    |   | 97         | 80 - 120          | P |
| Iron       | ug/L  | 1500       | 1440   |   | 96         | 80 - 120          | P |
| Lead       | ug/L  | 500        | 453    |   | 91         | 80 - 120          | P |
| Magnesium  | ug/L  | 1000       | 931    | J | 93         | 80 - 120          | P |
| Manganese  | ug/L  | 100        | 91.9   |   | 92         | 80 - 120          | P |
| Nickel     | ug/L  | 250        | 232    |   | 93         | 80 - 120          | P |
| Potassium  | ug/L  | 5000       | 4960   |   | 99         | 80 - 120          | P |
| Selenium   | ug/L  | 1000       | 967    |   | 97         | 80 - 120          | P |
| Silver     | ug/L  | 37.5       | 34.4   |   | 92         | 80 - 120          | P |
| Sodium     | ug/L  | 1500       | 1400   |   | 93         | 80 - 120          | P |
| Thallium   | ug/L  | 1000       | 954    |   | 95         | 80 - 120          | P |
| Vanadium   | ug/L  | 150        | 139    |   | 93         | 80 - 120          | P |
| Zinc       | ug/L  | 100        | 98.6   |   | 99         | 80 - 120          | P |

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** G Environmental  
**Contract:** GENV01

**SDG No.:** Q3172  
**Lab Code:** ACE

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB169872BS<br>Mercury | ug/L  | 4.0        | 3.59   |   | 90            | 80 - 120             | CV |

A

B

C

D

E

F

G

H

I

J

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

SAMPLE NO.

TOTES COMP#1L

**Lab Name:** Alliance **Contract:** GENV01  
**Lab Code:** ACE **Lb No.:** lb137314 **Lab Sample ID :** Q3168-05L **SDG No.:** Q3172  
**Matrix (soil/water):** Water **Level (low/med):** LOW  
**Concentration Units:** ug/L

| Analyte   | Initial Sample Result (I) C |   | Serial Dilution Result (S) C |   | % Differ-ence | Q | M |
|-----------|-----------------------------|---|------------------------------|---|---------------|---|---|
| Aluminum  | 628                         |   | 695                          |   | 11            |   | P |
| Antimony  | 25.0                        | U | 125                          | U |               |   | P |
| Arsenic   | 10.0                        | U | 50.0                         | U |               |   | P |
| Barium    | 15.5                        | J | 250                          | U | 100.0         |   | P |
| Beryllium | 3.00                        | U | 15.0                         | U |               |   | P |
| Cadmium   | 3.00                        | U | 15.0                         | U |               |   | P |
| Calcium   | 27600                       |   | 30100                        |   | 9             |   | P |
| Chromium  | 1.92                        | J | 25.0                         | U | 100.0         |   | P |
| Cobalt    | 15.0                        | U | 75.0                         | U |               |   | P |
| Copper    | 12.4                        |   | 11.7                         | J | 6             |   | P |
| Iron      | 1670                        |   | 1840                         |   | 10            |   | P |
| Lead      | 12.9                        |   | 9.54                         | J | 26            |   | P |
| Magnesium | 1000                        |   | 1120                         | J | 12            |   | P |
| Manganese | 46.1                        |   | 48.6                         | J | 5             |   | P |
| Nickel    | 1.67                        | J | 100                          | U | 100.0         |   | P |
| Potassium | 1940                        |   | 2930                         | J | 51            |   | P |
| Selenium  | 10.0                        | U | 50.0                         | U |               |   | P |
| Silver    | 5.00                        | U | 25.0                         | U |               |   | P |
| Sodium    | 3870                        |   | 5350                         |   | 38            |   | P |
| Thallium  | 20.0                        | U | 100                          | U |               |   | P |
| Vanadium  | 20.0                        | U | 100                          | U |               |   | P |
| Zinc      | 355                         |   | 369                          |   | 4             |   | P |

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

TRE-25-0106L

**Lab Name:** Alliance **Contract:** GENV01  
**Lab Code:** ACE **Lb No.:** lb137343 **Lab Sample ID :** Q3205-01L **SDG No.:** Q3172  
**Matrix (soil/water):** Water **Level (low/med):** LOW  
**Concentration Units:** ug/L

| Analyte | Initial Sample<br>Result (I)<br>C | Serial Dilution<br>Result (S)<br>C | % Differ-<br>ence | Q | M  |
|---------|-----------------------------------|------------------------------------|-------------------|---|----|
| Mercury | 0.085 J                           | 1.00 U                             | 100.0             |   | CV |

**metals**  
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**ANALYSIS RUN LOG**

**Client:** G Environmental
**Contract:** GENV01
**Lab code:** ACE
**Sdg no.:** Q3172
**Instrument id number:** \_\_\_\_\_

**Method:** \_\_\_\_\_

**Run number:** LB137314
**Start date:** 09/25/2025
**End date:** 09/25/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                                  |
|----------------|------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0               | 1   | 1055 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1             | S1               | 1   | 1100 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2             | S2               | 1   | 1104 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3             | S3               | 1   | 1108 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4             | S4               | 1   | 1112 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5             | S5               | 1   | 1116 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01          | ICV01            | 1   | 1120 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01        | LLICV01          | 1   | 1129 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01          | ICB01            | 1   | 1133 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01          | CRI01            | 1   | 1138 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01         | ICSA01           | 1   | 1142 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01        | ICSAB01          | 1   | 1146 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01          | CCV01            | 1   | 1212 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01          | CCB01            | 1   | 1217 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB169812BL     | PB169812BL       | 1   | 1302 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB169812BS     | PB169812BS       | 1   | 1307 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02          | CCV02            | 1   | 1323 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02          | CCB02            | 1   | 1327 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3172-01       | FW7D             | 1   | 1417 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03          | CCV03            | 1   | 1421 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03          | CCB03            | 1   | 1430 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3172-02       | FW6D             | 1   | 1435 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3168-05DUP    | TOTES COMP#1DUP  | 1   | 1443 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3168-05L      | TOTES COMP#1L    | 5   | 1447 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3168-05MS     | TOTES COMP#1MS   | 1   | 1452 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3168-05MSD    | TOTES COMP#1MSD  | 1   | 1456 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3168-05A      | TOTES COMP#1A    | 1   | 1500 | Na,Zn                                                           |
| CCV04          | CCV04            | 1   | 1516 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04          | CCB04            | 1   | 1520 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05          | CCV05            | 1   | 1616 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05          | CCB05            | 1   | 1620 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV06          | CCV06            | 1   | 1727 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB06          | CCB06            | 1   | 1731 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV07          | CCV07            | 1   | 1740 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB07          | CCB07            | 1   | 1744 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

**metals**  
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**ANALYSIS RUN LOG**

**Client:** G Environmental

**Contract:** GENV01

**Lab code:** ACE

**Sdg no.:** Q3172

**Instrument id number:** \_\_\_\_\_

**Method:** \_\_\_\_\_

**Run number:** LB137343

**Start date:** 09/29/2025

**End date:** 09/29/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 1029 | HG             |
| S0.2           | S0.2             | 1   | 1031 | HG             |
| S2.5           | S2.5             | 1   | 1034 | HG             |
| S5             | S5               | 1   | 1036 | HG             |
| S7.5           | S7.5             | 1   | 1038 | HG             |
| S10            | S10              | 1   | 1041 | HG             |
| ICV50          | ICV50            | 1   | 1044 | HG             |
| ICB50          | ICB50            | 1   | 1046 | HG             |
| CCV51          | CCV51            | 1   | 1049 | HG             |
| CCB51          | CCB51            | 1   | 1051 | HG             |
| CRA            | CRA              | 1   | 1056 | HG             |
| CCV52          | CCV52            | 1   | 1122 | HG             |
| CCB52          | CCB52            | 1   | 1124 | HG             |
| CCV53          | CCV53            | 1   | 1151 | HG             |
| CCB53          | CCB53            | 1   | 1153 | HG             |
| CCV54          | CCV54            | 1   | 1218 | HG             |
| CCB54          | CCB54            | 1   | 1220 | HG             |
| PB169872BL     | PB169872BL       | 1   | 1227 | HG             |
| PB169872BS     | PB169872BS       | 1   | 1230 | HG             |
| Q3172-01       | FW7D             | 1   | 1237 | HG             |
| Q3172-02       | FW6D             | 1   | 1240 | HG             |
| Q3205-01DUP    | TRE-25-0106DUP   | 1   | 1244 | HG             |
| Q3205-01MS     | TRE-25-0106MS    | 1   | 1251 | HG             |
| CCV55          | CCV55            | 1   | 1253 | HG             |
| CCB55          | CCB55            | 1   | 1256 | HG             |
| Q3205-01MSD    | TRE-25-0106MSD   | 1   | 1258 | HG             |
| Q3205-01L      | TRE-25-0106L     | 5   | 1317 | HG             |
| CCV56          | CCV56            | 1   | 1322 | HG             |
| CCB56          | CCB56            | 1   | 1324 | HG             |
| CCV57          | CCV57            | 1   | 1336 | HG             |
| CCB57          | CCB57            | 1   | 1338 | HG             |



# METAL PREPARATION & INSTRUMENT DATA

# Metals

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## ICP INTERELEMENT CORRECTION FACTORS

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENVO1

**Lab Code:** ACE

**Instrument ID:**

**Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent )

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |            |           |           |
|-----------|-------------------------|------------------------------------------|------------|------------|-----------|-----------|
|           |                         | Al                                       | Ca         | Fe         | Mg        | Ag        |
| Aluminum  | 396.100                 | 0.0000000                                | -0.0002060 | 0.0000000  | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | -0.0000440 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000  | 0.0000930  | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000  | -0.0075970 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000  | 0.0007850  | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | -0.0000920                               | 0.0000000  | 0.0000380  | 0.0000000 | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000  | -0.0001490 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000  | 0.0001050  | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMEN CORRECTION FACTORS**

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENV01

**Lab Code:** ACE

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |           |           |           |            |
|-----------|-------------------------|----------------------------------------|-----------|-----------|-----------|------------|
|           |                         | As                                     | Ba        | Be        | Cd        | Co         |
| Aluminum  | 396.100                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Antimony  | 206.833                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Arsenic   | 193.759                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Barium    | 493.409                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium   | 226.502                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870  |
| Calcium   | 373.690                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Copper    | 224.700                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530  |
| Iron      | 240.488                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | -0.0039600 |
| Lead      | 220.353                 | 0.0000000                              | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |
| Magnesium | 279.079                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Potassium | 766.490                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver    | 328.068                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Sodium    | 589.592                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0054900  |
| Vanadium  | 292.402                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Zinc      | 213.800                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENV01

**Lab Code:** ACE

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |            |            |
|-----------|-------------------------|------------------------------------------|-----------|-----------|------------|------------|
|           |                         | Cr                                       | Cu        | K         | Mn         | Mo         |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000590 | 0.0000000  | 0.0396900  |
| Antimony  | 206.833                 | 0.0122000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Arsenic   | 193.759                 | -0.0029000                               | 0.0000000 | 0.0000000 | 0.0000000  | 0.0004900  |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | -0.0000710 | -0.0003400 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000070 | 0.0002200  | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | -0.0007860 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0006510  | 0.0020500  |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000730 | 0.0000000  | -0.0015250 |
| Lead      | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0001400  | -0.0008600 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0007460  | 0.0000000  |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | -0.0000120 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0017400  | -0.0100400 |
| Vanadium  | 292.402                 | -0.0025100                               | 0.0000000 | 0.0000000 | 0.0000000  | -0.0072000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0009010 | 0.0000000 | 0.0000000  | 0.0000000  |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENV01

**Lab Code:** ACE

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |           |           |
|-----------|-------------------------|------------------------------------------|------------|-----------|-----------|-----------|
|           |                         | Na                                       | Ni         | Pb        | Sb        | Se        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000  | 0.0012800 | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | -0.0017000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | 0.0006580  | 0.0000000 | 0.0000000 | 0.0001290 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0067600  | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** G Environmental

**SDG No.:** Q3172

**Contract:** GENVO1

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |            |           |
|-----------|-------------------------|------------------------------------------|------------|-----------|------------|-----------|
|           |                         | Sn                                       | Ti         | Tl        | V          | Zn        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Antimony  | 206.833                 | -0.0035600                               | -0.0007970 | 0.0000000 | -0.0018900 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000630  | 0.0001280 | 0.0000000  | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0001110  | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0018800  | 0.0000000 | 0.0000000  | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0003840  | 0.0000000 | 0.0000000  | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | -0.0003610 | 0.0000000 | 0.0000000  | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | -0.0007420 | 0.0000000 | 0.0000000  | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | -0.0039700 | 0.0000000 | -0.0115600 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0005320  | 0.0000000 | 0.0000000  | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |

## LAB CHRONICLE

|                 |                 |                   |                      |
|-----------------|-----------------|-------------------|----------------------|
| <b>OrderID:</b> | Q3172           | <b>OrderDate:</b> | 9/24/2025 9:00:00 AM |
| <b>Client:</b>  | G Environmental | <b>Project:</b>   | Amsterdam            |
| <b>Contact:</b> | Gary Landis     | <b>Location:</b>  | J43,VOA Lab          |

| LabID    | ClientID | Matrix | Test           | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|----------------|--------|-------------|-----------|-----------|----------|
| Q3172-01 | FW7D     | Water  |                |        | 09/22/25    |           |           | 09/23/25 |
|          |          |        | Mercury        | 7470A  |             | 09/26/25  | 09/29/25  |          |
|          |          |        | Metals ICP-TAL | 6010D  |             | 09/24/25  | 09/25/25  |          |
| Q3172-02 | FW6D     | Water  |                |        | 09/22/25    |           |           | 09/23/25 |
|          |          |        | Mercury        | 7470A  |             | 09/26/25  | 09/29/25  |          |
|          |          |        | Metals ICP-TAL | 6010D  |             | 09/24/25  | 09/25/25  |          |



# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** G Environmental  
**Contract:** GENV01

**SDG No.:** Q3172  
**Lab Code:** ACE

**Method:** \_\_\_\_\_

| Sample ID                     | Client ID       | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|-----------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB169812</b> |                 |             |        |            |                         |                          |                |
| PB169812BL                    | PB169812BL      | MB          | WATER  | 09/24/2025 | 50.0                    | 25.0                     |                |
| PB169812BS                    | PB169812BS      | LCS         | WATER  | 09/24/2025 | 50.0                    | 25.0                     |                |
| Q3168-05DUP                   | TOTES COMP#1DUP | DUP         | WATER  | 09/24/2025 | 50.0                    | 25.0                     |                |
| Q3168-05MS                    | TOTES COMP#1MS  | MS          | WATER  | 09/24/2025 | 50.0                    | 25.0                     |                |
| Q3168-05MSD                   | TOTES COMP#1MSD | MSD         | WATER  | 09/24/2025 | 50.0                    | 25.0                     |                |
| Q3172-01                      | FW7D            | SAM         | WATER  | 09/24/2025 | 50.0                    | 25.0                     |                |
| Q3172-02                      | FW6D            | SAM         | WATER  | 09/24/2025 | 50.0                    | 25.0                     |                |

**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** G Environmental  
**Contract:** GENV01

**SDG No.:** Q3172  
**Lab Code:** ACE

**Method:** \_\_\_\_\_

| Sample ID                     | Client ID      | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|----------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB169872</b> |                |             |        |            |                         |                          |                |
| PB169872BL                    | PB169872BL     | MB          | WATER  | 09/26/2025 | 30.0                    | 30.0                     |                |
| PB169872BS                    | PB169872BS     | LCS         | WATER  | 09/26/2025 | 30.0                    | 30.0                     |                |
| Q3172-01                      | FW7D           | SAM         | WATER  | 09/26/2025 | 30.0                    | 30.0                     |                |
| Q3172-02                      | FW6D           | SAM         | WATER  | 09/26/2025 | 30.0                    | 30.0                     |                |
| Q3205-01DUP                   | TRE-25-0106DUP | DUP         | WATER  | 09/26/2025 | 30.0                    | 30.0                     |                |
| Q3205-01MS                    | TRE-25-0106MS  | MS          | WATER  | 09/26/2025 | 30.0                    | 30.0                     |                |
| Q3205-01MSD                   | TRE-25-0106MSD | MSD         | WATER  | 09/26/2025 | 30.0                    | 30.0                     |                |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137314**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | Janvi                                           | Review On    | 9/26/2025 3:50:56 PM |
| Supervise By     | jaswal                                          | Supervise On | 9/29/2025 8:59:26 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP87031,MP87038,MP87035,MP87034,MP87033,MP87032 |              |                      |
| ICV Standard     | MP87047,MP87038                                 |              |                      |
| CCV Standard     | MP87042                                         |              |                      |
| ICSA Standard    | MP87040,MP87048                                 |              |                      |
| CRI Standard     | MP87038                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP87043,MP87044,MP87045,MP87046,MP87049         |              |                      |

| Sr# | SampleId | ClientID | QcType   | Date           | Comment | Operator | Status |
|-----|----------|----------|----------|----------------|---------|----------|--------|
| 1   | S0       | S0       | CAL1     | 09/25/25 10:55 |         | Jaswal   | OK     |
| 2   | S1       | S1       | CAL2     | 09/25/25 11:00 |         | Jaswal   | OK     |
| 3   | S2       | S2       | CAL3     | 09/25/25 11:04 |         | Jaswal   | OK     |
| 4   | S3       | S3       | CAL4     | 09/25/25 11:08 |         | Jaswal   | OK     |
| 5   | S4       | S4       | CAL5     | 09/25/25 11:12 |         | Jaswal   | OK     |
| 6   | S5       | S5       | CAL6     | 09/25/25 11:16 |         | Jaswal   | OK     |
| 7   | ICV01    | ICV01    | ICV      | 09/25/25 11:20 |         | Jaswal   | OK     |
| 8   | LLICV01  | LLICV01  | LLICV    | 09/25/25 11:29 |         | Jaswal   | OK     |
| 9   | ICB01    | ICB01    | ICB      | 09/25/25 11:33 |         | Jaswal   | OK     |
| 10  | CRI01    | CRI01    | CRDL     | 09/25/25 11:38 |         | Jaswal   | OK     |
| 11  | ICSA01   | ICSA01   | ICSA     | 09/25/25 11:42 |         | Jaswal   | OK     |
| 12  | ICSAB01  | ICSAB01  | ICSAB    | 09/25/25 11:46 |         | Jaswal   | OK     |
| 13  | ICSADL   | ICSADL   | ICSA     | 09/25/25 11:50 |         | Jaswal   | OK     |
| 14  | ICSABDL  | ICSABDL  | ICSAB    | 09/25/25 12:00 |         | Jaswal   | OK     |
| 15  | CCV01    | CCV01    | CCV      | 09/25/25 12:12 |         | Jaswal   | OK     |
| 16  | CCB01    | CCB01    | CCB      | 09/25/25 12:17 |         | Jaswal   | OK     |
| 17  | LR-2     | LR-2     | HIGH STD | 09/25/25 12:40 |         | Jaswal   | OK     |
| 18  | LR-3     | LR-3     | HIGH STD | 09/25/25 12:44 |         | Jaswal   | OK     |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137314**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | Janvi                                           | Review On    | 9/26/2025 3:50:56 PM |
| Supervise By     | jaswal                                          | Supervise On | 9/29/2025 8:59:26 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP87031,MP87038,MP87035,MP87034,MP87033,MP87032 |              |                      |
| ICV Standard     | MP87047,MP87038                                 |              |                      |
| CCV Standard     | MP87042                                         |              |                      |
| ICSA Standard    | MP87040,MP87048                                 |              |                      |
| CRI Standard     | MP87038                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP87043,MP87044,MP87045,MP87046,MP87049         |              |                      |

|    |             |              |          |                |                                                   |        |    |
|----|-------------|--------------|----------|----------------|---------------------------------------------------|--------|----|
| 19 | PB169800BL  | PB169800BL   | MB       | 09/25/25 12:54 |                                                   | Jaswal | OK |
| 20 | PB169800BS  | PB169800BS   | LCS      | 09/25/25 12:58 |                                                   | Jaswal | OK |
| 21 | PB169812BL  | PB169812BL   | MB       | 09/25/25 13:02 |                                                   | Jaswal | OK |
| 22 | PB169812BS  | PB169812BS   | LCS      | 09/25/25 13:07 |                                                   | Jaswal | OK |
| 23 | LR-1        | LR-1         | HIGH STD | 09/25/25 13:11 |                                                   | Jaswal | OK |
| 24 | Q3187-01    | 228          | SAM      | 09/25/25 13:15 |                                                   | Jaswal | OK |
| 25 | Q3188-02    | RB22120      | SAM      | 09/25/25 13:19 |                                                   | Jaswal | OK |
| 26 | CCV02       | CCV02        | CCV      | 09/25/25 13:23 |                                                   | Jaswal | OK |
| 27 | CCB02       | CCB02        | CCB      | 09/25/25 13:27 |                                                   | Jaswal | OK |
| 28 | PB169833BL  | PB169833BL   | MB       | 09/25/25 13:32 |                                                   | Jaswal | OK |
| 29 | PB169833BS  | PB169833BS   | LCS      | 09/25/25 13:36 |                                                   | Jaswal | OK |
| 30 | Q3125-02    | Comp         | SAM      | 09/25/25 13:40 |                                                   | Jaswal | OK |
| 31 | Q3125-02DUP | CompDUP      | DUP      | 09/25/25 13:44 |                                                   | Jaswal | OK |
| 32 | Q3125-02L   | CompL        | SD       | 09/25/25 13:49 |                                                   | Jaswal | OK |
| 33 | Q3125-02MS  | CompMS       | MS       | 09/25/25 13:53 |                                                   | Jaswal | OK |
| 34 | Q3125-02MSD | CompMSD      | MSD      | 09/25/25 13:57 |                                                   | Jaswal | OK |
| 35 | Q3125-02A   | CompA        | PS       | 09/25/25 14:08 | 0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE. | Jaswal | OK |
| 36 | Q3168-06    | TOTES COMP#2 | SAM      | 09/25/25 14:13 | Confirm wt/vol                                    | Jaswal | OK |
| 37 | Q3172-01    | FW7D         | SAM      | 09/25/25 14:17 |                                                   | Jaswal | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137314**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | Janvi                                           | Review On    | 9/26/2025 3:50:56 PM |
| Supervise By     | jaswal                                          | Supervise On | 9/29/2025 8:59:26 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP87031,MP87038,MP87035,MP87034,MP87033,MP87032 |              |                      |
| ICV Standard     | MP87047,MP87038                                 |              |                      |
| CCV Standard     | MP87042                                         |              |                      |
| ICSA Standard    | MP87040,MP87048                                 |              |                      |
| CRI Standard     | MP87038                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP87043,MP87044,MP87045,MP87046,MP87049         |              |                      |

|    |             |                 |     |                |                                                   |        |    |
|----|-------------|-----------------|-----|----------------|---------------------------------------------------|--------|----|
| 38 | CCV03       | CCV03           | CCV | 09/25/25 14:21 |                                                   | Jaswal | OK |
| 39 | CCB03       | CCB03           | CCB | 09/25/25 14:30 |                                                   | Jaswal | OK |
| 40 | Q3172-02    | FW6D            | SAM | 09/25/25 14:35 |                                                   | Jaswal | OK |
| 41 | Q3168-05    | TOTES COMP#1    | SAM | 09/25/25 14:39 |                                                   | Jaswal | OK |
| 42 | Q3168-05DUP | TOTES COMP#1DUP | DUP | 09/25/25 14:43 |                                                   | Jaswal | OK |
| 43 | Q3168-05L   | TOTES COMP#1L   | SD  | 09/25/25 14:47 |                                                   | Jaswal | OK |
| 44 | Q3168-05MS  | TOTES COMP#1MS  | MS  | 09/25/25 14:52 |                                                   | Jaswal | OK |
| 45 | Q3168-05MSD | TOTES COMP#1MSD | MSD | 09/25/25 14:56 |                                                   | Jaswal | OK |
| 46 | Q3168-05A   | TOTES COMP1A    | PS  | 09/25/25 15:00 | 0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE. | Jaswal | OK |
| 47 | Q3189-01    | 72-11989        | SAM | 09/25/25 15:04 |                                                   | Jaswal | OK |
| 48 | Q3176-01    | EME-TS12-01     | SAM | 09/25/25 15:08 |                                                   | Jaswal | OK |
| 49 | Q3176-02    | EME-TS13-01     | SAM | 09/25/25 15:12 |                                                   | Jaswal | OK |
| 50 | CCV04       | CCV04           | CCV | 09/25/25 15:16 |                                                   | Jaswal | OK |
| 51 | CCB04       | CCB04           | CCB | 09/25/25 15:20 |                                                   | Jaswal | OK |
| 52 | Q3176-03    | EME-TS14-02     | SAM | 09/25/25 15:24 |                                                   | Jaswal | OK |
| 53 | Q3178-01    | EME-TS14-01     | SAM | 09/25/25 15:28 |                                                   | Jaswal | OK |
| 54 | Q3178-02    | EME-TS14-01MS   | MS  | 09/25/25 15:40 |                                                   | Jaswal | OK |
| 55 | Q3178-03    | EME-TS14-01MSD  | MSD | 09/25/25 15:44 |                                                   | Jaswal | OK |
|    |             |                 |     |                |                                                   |        |    |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137314**

|              |        |              |                      |
|--------------|--------|--------------|----------------------|
| Review By    | Janvi  | Review On    | 9/26/2025 3:50:56 PM |
| Supervise By | jaswal | Supervise On | 9/29/2025 8:59:26 PM |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP87031,MP87038,MP87035,MP87034,MP87033,MP87032 |
| ICV Standard  | MP87047,MP87038                                 |
| CCV Standard  | MP87042                                         |
| ICSA Standard | MP87040,MP87048                                 |
| CRI Standard  | MP87038                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP87043,MP87044,MP87045,MP87046,MP87049         |

|    |             |                      |     |                |                                                   |        |    |
|----|-------------|----------------------|-----|----------------|---------------------------------------------------|--------|----|
| 56 | Q3178-01A   | EME-TS14-01A         | PS  | 09/25/25 15:48 | 0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE. | Jaswal | OK |
| 57 | Q3183-01    | WC-1                 | SAM | 09/25/25 15:52 |                                                   | Jaswal | OK |
| 58 | Q3183-04    | WC-4                 | SAM | 09/25/25 15:56 |                                                   | Jaswal | OK |
| 59 | Q3183-07    | WC-3                 | SAM | 09/25/25 16:00 |                                                   | Jaswal | OK |
| 60 | Q3178-01DUP | EME-TS14-01DUP       | DUP | 09/25/25 16:07 |                                                   | Jaswal | OK |
| 61 | Q3178-01L   | EME-TS14-01L         | SD  | 09/25/25 16:11 |                                                   | Jaswal | OK |
| 62 | CCV05       | CCV05                | CCV | 09/25/25 16:16 |                                                   | Jaswal | OK |
| 63 | CCB05       | CCB05                | CCB | 09/25/25 16:20 |                                                   | Jaswal | OK |
| 64 | PB169832BL  | PB169832BL           | MB  | 09/25/25 16:29 |                                                   | Jaswal | OK |
| 65 | PB169832BS  | PB169832BS           | LCS | 09/25/25 16:43 |                                                   | Jaswal | OK |
| 66 | PB169754TB  | PB169754TB           | MB  | 09/25/25 16:47 |                                                   | Jaswal | OK |
| 67 | PB169816TB  | PB169816TB           | MB  | 09/25/25 16:52 |                                                   | Jaswal | OK |
| 68 | Q3168-04    | ARS20-0010-Oily Soil | SAM | 09/25/25 16:56 |                                                   | Jaswal | OK |
| 69 | Q3168-04DUP | ARS20-0010-Oily Soil | DUP | 09/25/25 17:01 |                                                   | Jaswal | OK |
| 70 | Q3168-04L   | ARS20-0010-Oily Soil | SD  | 09/25/25 17:05 |                                                   | Jaswal | OK |
| 71 | Q3168-04MS  | ARS20-0010-Oily Soil | MS  | 09/25/25 17:09 |                                                   | Jaswal | OK |
| 72 | Q3168-04MSD | ARS20-0010-Oily Soil | MSD | 09/25/25 17:13 |                                                   | Jaswal | OK |
| 73 | Q3168-04A   | ARS20-0010-Oily Soil | PS  | 09/25/25 17:23 | 0.1 ML OF EACH M6008 AND M6017 IN 10ML OF SAMPLE. | Jaswal | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137314**

| Review By     | Janvi                                           | Review On    | 9/26/2025 3:50:56 PM |
|---------------|-------------------------------------------------|--------------|----------------------|
| Supervise By  | jaswal                                          | Supervise On | 9/29/2025 8:59:26 PM |
| STD. NAME     | STD REF.#                                       |              |                      |
| ICAL Standard | MP87031,MP87038,MP87035,MP87034,MP87033,MP87032 |              |                      |
| ICV Standard  | MP87047,MP87038                                 |              |                      |
| CCV Standard  | MP87042                                         |              |                      |
| ICSA Standard | MP87040,MP87048                                 |              |                      |
| CRI Standard  | MP87038                                         |              |                      |
| LCS Standard  |                                                 |              |                      |
| Chk Standard  | MP87043,MP87044,MP87045,MP87046,MP87049         |              |                      |

|    |            |               |     |                |                                                           |        |    |
|----|------------|---------------|-----|----------------|-----------------------------------------------------------|--------|----|
| 74 | CCV06      | CCV06         | CCV | 09/25/25 17:27 |                                                           | Jaswal | OK |
| 75 | CCB06      | CCB06         | CCB | 09/25/25 17:31 |                                                           | Jaswal | OK |
| 76 | Q3170-02DL | MOD-25-0271DL | SAM | 09/25/25 17:35 | Confirm wt/vol & Straight<br>5x Dilution for all elements | Jaswal | OK |
| 77 | CCV07      | CCV07         | CCV | 09/25/25 17:40 |                                                           | Jaswal | OK |
| 78 | CCB07      | CCB07         | CCB | 09/25/25 17:44 |                                                           | Jaswal | OK |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137343**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | mohan                                           | Review On    | 9/30/2025 10:14:53 AM |
| Supervise By     | jaswal                                          | Supervise On | 10/1/2025 12:08:05 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP87372,MP87373,MP87374,MP87375,MP87376,MP87377 |              |                       |
| ICV Standard     | MP87378                                         |              |                       |
| CCV Standard     | MP87380                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP87382                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP87379,MP87381,MP87383,MP87385                 |              |                       |

| Sr# | SampleId   | ClientID   | QcType   | Date           | Comment | Operator | Status |
|-----|------------|------------|----------|----------------|---------|----------|--------|
| 1   | S0         | S0         | CAL1     | 09/29/25 10:29 |         | mohan    | OK     |
| 2   | S0.2       | S0.2       | CAL2     | 09/29/25 10:31 |         | mohan    | OK     |
| 3   | S2.5       | S2.5       | CAL3     | 09/29/25 10:34 |         | mohan    | OK     |
| 4   | S5         | S5         | CAL4     | 09/29/25 10:36 |         | mohan    | OK     |
| 5   | S7.5       | S7.5       | CAL5     | 09/29/25 10:38 |         | mohan    | OK     |
| 6   | S10        | S10        | CAL6     | 09/29/25 10:41 |         | mohan    | OK     |
| 7   | ICV50      | ICV50      | ICV      | 09/29/25 10:44 |         | mohan    | OK     |
| 8   | ICB50      | ICB50      | ICB      | 09/29/25 10:46 |         | mohan    | OK     |
| 9   | CCV51      | CCV51      | CCV      | 09/29/25 10:49 |         | mohan    | OK     |
| 10  | CCB51      | CCB51      | CCB      | 09/29/25 10:51 |         | mohan    | OK     |
| 11  | CRA        | CRA        | CRDL     | 09/29/25 10:56 |         | mohan    | OK     |
| 12  | HighStd    | HighStd    | HIGH STD | 09/29/25 10:58 |         | mohan    | OK     |
| 13  | ChkStd     | ChkStd     | SAM      | 09/29/25 11:00 |         | mohan    | OK     |
| 14  | PB169867BL | PB169867BL | MB       | 09/29/25 11:03 |         | mohan    | OK     |
| 15  | PB169867BS | PB169867BS | LCS      | 09/29/25 11:08 |         | mohan    | OK     |
| 16  | Q3181-03   | WC-A3-01-C | SAM      | 09/29/25 11:10 |         | mohan    | OK     |
| 17  | Q3181-07   | WC-A3-02-C | SAM      | 09/29/25 11:13 |         | mohan    | OK     |
| 18  | Q3181-11   | WC-A3-03-C | SAM      | 09/29/25 11:15 |         | mohan    | OK     |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137343**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | mohan                                           | Review On    | 9/30/2025 10:14:53 AM |
| Supervise By     | jaswal                                          | Supervise On | 10/1/2025 12:08:05 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP87372,MP87373,MP87374,MP87375,MP87376,MP87377 |              |                       |
| ICV Standard     | MP87378                                         |              |                       |
| CCV Standard     | MP87380                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP87382                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP87379,MP87381,MP87383,MP87385                 |              |                       |

|    |             |                   |     |                |  |       |    |
|----|-------------|-------------------|-----|----------------|--|-------|----|
| 19 | Q3183-10    | WC-1              | SAM | 09/29/25 11:17 |  | mohan | OK |
| 20 | Q3183-11    | WC-4              | SAM | 09/29/25 11:19 |  | mohan | OK |
| 21 | CCV52       | CCV52             | CCV | 09/29/25 11:22 |  | mohan | OK |
| 22 | CCB52       | CCB52             | CCB | 09/29/25 11:24 |  | mohan | OK |
| 23 | Q3183-12    | WC-3              | SAM | 09/29/25 11:26 |  | mohan | OK |
| 24 | Q3188-05    | 4135              | SAM | 09/29/25 11:29 |  | mohan | OK |
| 25 | Q3191-01    | 459               | SAM | 09/29/25 11:31 |  | mohan | OK |
| 26 | Q3196-01    | FMC-9-24-25-1     | SAM | 09/29/25 11:33 |  | mohan | OK |
| 27 | Q3196-02    | FMC-9-24-25-2     | SAM | 09/29/25 11:36 |  | mohan | OK |
| 28 | Q3196-03    | FMC-9-24-25-3     | SAM | 09/29/25 11:39 |  | mohan | OK |
| 29 | Q3196-04    | FMC-9-24-25-4     | SAM | 09/29/25 11:42 |  | mohan | OK |
| 30 | Q3196-05    | FMC-9-24-25-5     | SAM | 09/29/25 11:44 |  | mohan | OK |
| 31 | Q3208-06    | SU-ESM-COMP-01    | SAM | 09/29/25 11:46 |  | mohan | OK |
| 32 | Q3208-12    | SU-ESM-COMP-02    | SAM | 09/29/25 11:48 |  | mohan | OK |
| 33 | CCV53       | CCV53             | CCV | 09/29/25 11:51 |  | mohan | OK |
| 34 | CCB53       | CCB53             | CCB | 09/29/25 11:53 |  | mohan | OK |
| 35 | Q3208-12DUP | SU-ESM-COMP-02DUP | DUP | 09/29/25 11:55 |  | mohan | OK |
| 36 | Q3208-12MS  | SU-ESM-COMP-02MS  | MS  | 09/29/25 11:57 |  | mohan | OK |
| 37 | Q3208-12MSD | SU-ESM-COMP-02MSD | MSD | 09/29/25 12:00 |  | mohan | OK |
| 38 | PB169868BL  | PB169868BL        | MB  | 09/29/25 12:02 |  | mohan | OK |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137343**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | mohan                                           | Review On    | 9/30/2025 10:14:53 AM |
| Supervise By     | jaswal                                          | Supervise On | 10/1/2025 12:08:05 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP87372,MP87373,MP87374,MP87375,MP87376,MP87377 |              |                       |
| ICV Standard     | MP87378                                         |              |                       |
| CCV Standard     | MP87380                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP87382                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP87379,MP87381,MP87383,MP87385                 |              |                       |

|    |             |                    |     |                |  |       |    |
|----|-------------|--------------------|-----|----------------|--|-------|----|
| 39 | PB169868BS  | PB169868BS         | LCS | 09/29/25 12:04 |  | mohan | OK |
| 40 | Q3196-06    | TOTE-FMC-9-24-25-1 | SAM | 09/29/25 12:07 |  | mohan | OK |
| 41 | Q3196-07    | TOTE-FMC-9-24-25-2 | SAM | 09/29/25 12:09 |  | mohan | OK |
| 42 | Q3196-09    | FMC-9-24-25-DRUM-  | SAM | 09/29/25 12:11 |  | mohan | OK |
| 43 | Q3199-09    | ELZ-25-000107      | SAM | 09/29/25 12:14 |  | mohan | OK |
| 44 | Q3199-09DUP | ELZ-25-000107DUP   | DUP | 09/29/25 12:16 |  | mohan | OK |
| 45 | CCV54       | CCV54              | CCV | 09/29/25 12:18 |  | mohan | OK |
| 46 | CCB54       | CCB54              | CCB | 09/29/25 12:20 |  | mohan | OK |
| 47 | Q3199-09MS  | ELZ-25-000107MS    | MS  | 09/29/25 12:23 |  | mohan | OK |
| 48 | Q3199-09MSD | ELZ-25-000107MSD   | MSD | 09/29/25 12:25 |  | mohan | OK |
| 49 | PB169872BL  | PB169872BL         | MB  | 09/29/25 12:27 |  | mohan | OK |
| 50 | PB169872BS  | PB169872BS         | LCS | 09/29/25 12:30 |  | mohan | OK |
| 51 | Q2893-09    | MDL-WATER-03-QT3   | SAM | 09/29/25 12:35 |  | mohan | OK |
| 52 | Q3172-01    | FW7D               | SAM | 09/29/25 12:37 |  | mohan | OK |
| 53 | Q3172-02    | FW6D               | SAM | 09/29/25 12:40 |  | mohan | OK |
| 54 | Q3205-01    | TRE-25-0106        | SAM | 09/29/25 12:42 |  | mohan | OK |
| 55 | Q3205-01DUP | TRE-25-0106DUP     | DUP | 09/29/25 12:44 |  | mohan | OK |
| 56 | Q3205-01MS  | TRE-25-0106MS      | MS  | 09/29/25 12:51 |  | mohan | OK |
| 57 | CCV55       | CCV55              | CCV | 09/29/25 12:53 |  | mohan | OK |
| 58 | CCB55       | CCB55              | CCB | 09/29/25 12:56 |  | mohan | OK |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137343**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | mohan                                           | Review On    | 9/30/2025 10:14:53 AM |
| Supervise By     | jaswal                                          | Supervise On | 10/1/2025 12:08:05 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP87372,MP87373,MP87374,MP87375,MP87376,MP87377 |              |                       |
| ICV Standard     | MP87378                                         |              |                       |
| CCV Standard     | MP87380                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP87382                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP87379,MP87381,MP87383,MP87385                 |              |                       |

|    |             |                  |     |                |  |       |    |
|----|-------------|------------------|-----|----------------|--|-------|----|
| 59 | Q3205-01MSD | TRE-25-0106MSD   | MSD | 09/29/25 12:58 |  | mohan | OK |
| 60 | PB169840TB  | PB169840TB       | MB  | 09/29/25 13:00 |  | mohan | OK |
| 61 | PB169843TB  | PB169843TB       | MB  | 09/29/25 13:03 |  | mohan | OK |
| 62 | Q3208-12L   | SU-ESM-COMP-02L  | SD  | 09/29/25 13:08 |  | mohan | OK |
| 63 | Q3208-12A   | SU-ESM-COMP-02A  | PS  | 09/29/25 13:10 |  | mohan | OK |
| 64 | Q3199-09L   | ELZ-25-000107L   | SD  | 09/29/25 13:12 |  | mohan | OK |
| 65 | Q3199-09A   | ELZ-25-000107A   | PS  | 09/29/25 13:15 |  | mohan | OK |
| 66 | Q3205-01L   | TRE-25-0106L     | SD  | 09/29/25 13:17 |  | mohan | OK |
| 67 | Q3205-01A   | TRE-25-0106A     | PS  | 09/29/25 13:19 |  | mohan | OK |
| 68 | CCV56       | CCV56            | CCV | 09/29/25 13:22 |  | mohan | OK |
| 69 | CCB56       | CCB56            | CCB | 09/29/25 13:24 |  | mohan | OK |
| 70 | Q2893-07    | LOD-MDL-WATER-01 | SAM | 09/29/25 13:26 |  | mohan | OK |
| 71 | Q2893-07RE  | LOD-MDL-WATER-01 | SAM | 09/29/25 13:34 |  | mohan | OK |
| 72 | CCV57       | CCV57            | CCV | 09/29/25 13:36 |  | mohan | OK |
| 73 | CCB57       | CCB57            | CCB | 09/29/25 13:38 |  | mohan | OK |

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID : ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID : 1. HOT BLOCK #1 2. N/A

Start Digest Date: 09/24/2025 Time : 12:35 Temp : 96 °C

End Digest Date: 09/24/2025 Time : 15:40 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SKS*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 0.25     | M6180               |
| LFS-2         | 0.25     | M6181               |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| Conc. HNO3    | 3.00           | M6158      |
| 1:1 HCL       | 5.00           | MP87148    |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 09/24/25 15:40 | <i>SKS met dig</i>                      | <i>SKS (met dig)</i> |
|                | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment     | Prep Pos |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB169812BL    | PBW812           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 1        |
| PB169812BS    | LCS812           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 2        |
| Q3168-05MS    | TOTES COMP#1MS   | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 5        |
| Q3168-05MSD   | TOTES COMP#1MSD  | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 6        |
| Q3168-05DUP   | TOTES COMP#1DUP  | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 4        |
| Q3168-05      | TOTES COMP#1     | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 3        |
| Q3168-06      | TOTES COMP#2     | <2 | 50               | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 7        |
| Q3172-01      | FW7D             | <2 | 50               | 25             | Brown        | Colorless   | Cloudy         | Clear         | N/A         | 8        |
| Q3172-02      | FW6D             | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 9        |

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 09/26/2025 Time : 14:40 Temp : 95 °C

End Digest Date: 09/26/2025 Time : 16:40 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 95°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| ICV               | 30mL     | MP87362             |
| CCV               | 30mL     | MP87364             |
| CRA               | 30mL     | MP87366             |
| Blank Spike       | 0.48mL   | MP87355             |
| Matrix Spike      | 0.48mL   | MP87355             |

| Chemical Used           | ML/SAMPLE USED | Lot Number |
|-------------------------|----------------|------------|
| HNO3/H2SO4(1:2)         | 2.25mL         | MP87071    |
| KMnO4 (5%)              | 4.5mL          | MP87072    |
| K2S2O8 (5%)             | 2.4mL          | MP87073    |
| Hydroxylamine HCL (12%) | 1.8mL          | MP87149    |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---------------|------------------|---------------|---------|
| 0.0 ppb       | S0               | 30MI          | MP87356 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30MI          | MP87357 |
| 2.5 ppb       | S2.5             | 30MI          | MP87358 |
| 5.0 ppb       | S5.0             | 30MI          | MP87359 |
| 7.5 ppb       | S7.5             | 30MI          | MP87360 |
| 10.0 ppb      | S10.0            | 30MI          | MP87361 |
| ICV           | ICV              | 30MI          | MP87362 |
| ICB           | ICB              | 30MI          | MP87363 |
| CCV           | CCV              | 30MI          | MP87364 |
| CCB           | CCB              | 30MI          | MP87365 |
| CRI           | CRI              | 30MI          | MP87366 |
| CHK STD       | CHK STD          | 30MI          | MP87367 |

## Extraction Conformance/Non-Conformance Comments:

| N/A             |                                         |                                |
|-----------------|-----------------------------------------|--------------------------------|
| Date / Time     | Prepped Sample Relinquished By/Location | Received By/Location           |
| 9/26/25 @ 17:10 | <i>[Signature]</i> - 1219, Lab          | <i>[Signature]</i> - metal Lab |
|                 | Preparation Group                       | Analysis Group                 |

| Lab Sample ID | Client Sample ID      | Initial Vol (ml) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|-----------------------|------------------|----------------|----|---------|----------|
| PB169872BL    | PBW872                | 30               | 30             | <2 | N/A     | 3-1      |
| PB169872BS    | LCS872                | 30               | 30             | <2 | MP87355 | 2        |
| Q2893-09      | MDL-WATER-03-QT3-2025 | 30               | 30             | <2 | N/A     | 3        |
| Q3172-01      | FW7D                  | 30               | 30             | <2 | N/A     | 4        |
| Q3172-02      | FW6D                  | 30               | 30             | <2 | N/A     | 5        |
| Q3205-01      | TRE-25-0106           | 30               | 30             | <2 | N/A     | 6        |
| Q3205-01DUP   | TRE-25-0106DUP        | 30               | 30             | <2 | N/A     | 7        |
| Q3205-01MS    | TRE-25-0106MS         | 30               | 30             | <2 | MP87355 | 8        |
| Q3205-01MSD   | TRE-25-0106MSD        | 30               | 30             | <2 | MP87355 | 9        |

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# SAMPLE DATA

## Report of Analysis

|                   |                 |                 |                |
|-------------------|-----------------|-----------------|----------------|
| Client:           | G Environmental | Date Collected: | 09/22/25 12:39 |
| Project:          | Amsterdam       | Date Received:  | 09/23/25       |
| Client Sample ID: | FW7D            | SDG No.:        | Q3172          |
| Lab Sample ID:    | Q3172-01        | Matrix:         | WATER          |
|                   |                 | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|------|------------|-------|-----------|----------------|----------|
| Sulfate   | 201   | OR   | 1  | 0.46 | 3.00       | mg/L  |           | 09/24/25 10:46 | 300.0    |

Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements  
 H = Sample Analysis Out Of Hold Time

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits

## Report of Analysis

|                   |                 |                 |                |
|-------------------|-----------------|-----------------|----------------|
| Client:           | G Environmental | Date Collected: | 09/22/25 12:39 |
| Project:          | Amsterdam       | Date Received:  | 09/23/25       |
| Client Sample ID: | FW7DDL          | SDG No.:        | Q3172          |
| Lab Sample ID:    | Q3172-01DL      | Matrix:         | WATER          |
|                   |                 | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|------|------------|-------|-----------|----------------|----------|
| Sulfate   | 170   | D    | 10 | 4.60 | 30.0       | mg/L  |           | 09/24/25 12:34 | 300.0    |

Comments: \_\_\_\_\_

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements  
 H = Sample Analysis Out Of Hold Time

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits



# QC RESULT SUMMARY

## Initial and Continuing Calibration Verification

**Client:** G Environmental

**SDG No.:** Q3172

**Project:** Amsterdam

**RunNo.:** LB137286

| Analyte                | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|------------------------|-------|--------|------------|------------|------------------------|---------------|
| <b>Sample ID: ICV1</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10     | 10         | 100        | 90-110                 | 09/09/2025    |
| Chloride               | mg/L  | 3      | 3          | 100        | 90-110                 | 09/09/2025    |
| Fluoride               | mg/L  | 2      | 2          | 100        | 90-110                 | 09/09/2025    |
| Nitrite                | mg/L  | 3      | 3          | 100        | 90-110                 | 09/09/2025    |
| Nitrate                | mg/L  | 2.5    | 2.5        | 100        | 90-110                 | 09/09/2025    |
| Sulfate                | mg/L  | 14.8   | 15         | 99         | 90-110                 | 09/09/2025    |
| Orthophosphate as P    | mg/L  | 5      | 5          | 100        | 90-110                 | 09/09/2025    |
| <b>Sample ID: CCV1</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10     | 10         | 100        | 90-110                 | 09/24/2025    |
| Chloride               | mg/L  | 2.9    | 3          | 97         | 90-110                 | 09/24/2025    |
| Fluoride               | mg/L  | 2      | 2          | 100        | 90-110                 | 09/24/2025    |
| Nitrite                | mg/L  | 3      | 3          | 100        | 90-110                 | 09/24/2025    |
| Nitrate                | mg/L  | 2.4    | 2.5        | 96         | 90-110                 | 09/24/2025    |
| Sulfate                | mg/L  | 14.8   | 15         | 99         | 90-110                 | 09/24/2025    |
| Orthophosphate as P    | mg/L  | 4.6    | 5          | 92         | 90-110                 | 09/24/2025    |
| <b>Sample ID: CCV2</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10     | 10         | 100        | 90-110                 | 09/24/2025    |
| Chloride               | mg/L  | 2.9    | 3          | 97         | 90-110                 | 09/24/2025    |
| Fluoride               | mg/L  | 2      | 2          | 100        | 90-110                 | 09/24/2025    |
| Nitrite                | mg/L  | 3      | 3          | 100        | 90-110                 | 09/24/2025    |
| Nitrate                | mg/L  | 2.4    | 2.5        | 96         | 90-110                 | 09/24/2025    |
| Sulfate                | mg/L  | 14.7   | 15         | 98         | 90-110                 | 09/24/2025    |
| Orthophosphate as P    | mg/L  | 5.1    | 5          | 102        | 90-110                 | 09/24/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** G Environmental

**SDG No.:** Q3172

**Project:** Amsterdam

**RunNo.:** LB137286

| Analyte                | Units | Result   | Acceptance Limits | Conc Qual | MDL   | RDL | Analysis Date |
|------------------------|-------|----------|-------------------|-----------|-------|-----|---------------|
| <b>Sample ID: ICB1</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 09/09/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 09/09/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 09/09/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 09/09/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 09/09/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 09/09/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 09/09/2025    |
| <b>Sample ID: CCB1</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 09/24/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 09/24/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 09/24/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 09/24/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 09/24/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 09/24/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 09/24/2025    |
| <b>Sample ID: CCB2</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 09/24/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 09/24/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 09/24/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 09/24/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 09/24/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 09/24/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 09/24/2025    |

## Preparation Blank Summary

**Client:** G Environmental

**SDG No.:** Q3172

**Project:** Amsterdam

| Analyte                       | Units | Result   | Acceptance<br>Limits | Conc<br>Qual | MDL   | RDL | Analysis<br>Date |
|-------------------------------|-------|----------|----------------------|--------------|-------|-----|------------------|
| <b>Sample ID: LB137286BLW</b> |       |          |                      |              |       |     |                  |
| Bromide                       | mg/L  | < 1.0000 | 1.0000               | U            | 0.37  | 2   | 09/24/2025       |
| Chloride                      | mg/L  | < 0.3000 | 0.3000               | U            | 0.19  | 0.6 | 09/24/2025       |
| Fluoride                      | mg/L  | < 0.2000 | 0.2000               | U            | 0.11  | 0.4 | 09/24/2025       |
| Nitrite                       | mg/L  | < 0.3000 | 0.3000               | U            | 0.074 | 0.6 | 09/24/2025       |
| Nitrate                       | mg/L  | < 0.2500 | 0.2500               | U            | 0.095 | 0.5 | 09/24/2025       |
| Sulfate                       | mg/L  | < 1.5000 | 1.5000               | U            | 0.46  | 3   | 09/24/2025       |
| Orthophosphate as P           | mg/L  | < 0.5000 | 0.5000               | U            | 0.34  | 1   | 09/24/2025       |

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## Matrix Spike Summary

|                   |                 |                                         |          |
|-------------------|-----------------|-----------------------------------------|----------|
| <b>Client:</b>    | G Environmental | <b>SDG No.:</b>                         | Q3172    |
| <b>Project:</b>   | Amsterdam       | <b>Sample ID:</b>                       | Q3168-05 |
| <b>Client ID:</b> | TOTES COMP#1MS  | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Bromide             | mg/L  | 80-120                 | 11.0             | OR                 | 0.37             | U                  | 10             | 1                  | 110      |      | 09/24/2025       |
| Chloride            | mg/L  | 80-120                 | 56.6             |                    | 55.3             | OR                 | 3              | 1                  | 43       | *    | 09/24/2025       |
| Fluoride            | mg/L  | 80-120                 | 2.10             |                    | 0.11             | U                  | 2              | 1                  | 105      |      | 09/24/2025       |
| Nitrite             | mg/L  | 80-120                 | 3.00             |                    | 0.074            | U                  | 3              | 1                  | 100      |      | 09/24/2025       |
| Nitrate             | mg/L  | 80-120                 | 2.40             |                    | 0.095            | U                  | 2.5            | 1                  | 96       |      | 09/24/2025       |
| Sulfate             | mg/L  | 80-120                 | 16.2             |                    | 1.70             | J                  | 15             | 1                  | 97       |      | 09/24/2025       |
| Orthophosphate as P | mg/L  | 80-120                 | 5.00             |                    | 0.34             | U                  | 5              | 1                  | 100      |      | 09/24/2025       |

## Matrix Spike Summary

|                   |                 |                                         |          |
|-------------------|-----------------|-----------------------------------------|----------|
| <b>Client:</b>    | G Environmental | <b>SDG No.:</b>                         | Q3172    |
| <b>Project:</b>   | Amsterdam       | <b>Sample ID:</b>                       | Q3168-05 |
| <b>Client ID:</b> | TOTES COMP#1MSD | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Bromide             | mg/L  | 80-120                 | 11.0             | OR                 | 0.37             | U                  | 10             | 1                  | 110      |      | 09/24/2025       |
| Chloride            | mg/L  | 80-120                 | 56.2             |                    | 55.3             | OR                 | 3              | 1                  | 30       | *    | 09/24/2025       |
| Fluoride            | mg/L  | 80-120                 | 2.10             |                    | 0.11             | U                  | 2              | 1                  | 105      |      | 09/24/2025       |
| Nitrite             | mg/L  | 80-120                 | 3.00             |                    | 0.074            | U                  | 3              | 1                  | 100      |      | 09/24/2025       |
| Nitrate             | mg/L  | 80-120                 | 2.40             |                    | 0.095            | U                  | 2.5            | 1                  | 96       |      | 09/24/2025       |
| Sulfate             | mg/L  | 80-120                 | 16.1             |                    | 1.70             | J                  | 15             | 1                  | 96       |      | 09/24/2025       |
| Orthophosphate as P | mg/L  | 80-120                 | 5.20             |                    | 0.34             | U                  | 5              | 1                  | 104      |      | 09/24/2025       |

## Duplicate Sample Summary

|                                                                                                  |                                                                                                  |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Client:</b> G Environmental<br><b>Project:</b> Amsterdam<br><b>Client ID:</b> TOTES COMP#1MSD | <b>SDG No.:</b> Q3172<br><b>Sample ID:</b> Q3168-05<br><b>Percent Solids for Spike Sample:</b> 0 |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|

| Analyte             | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Bromide             | mg/L  | +/-20            | 11.0          |                 | 11.0             |                 | 1               | 0      |      | 09/24/2025    |
| Fluoride            | mg/L  | +/-20            | 2.10          |                 | 2.10             |                 | 1               | 0      |      | 09/24/2025    |
| Nitrate             | mg/L  | +/-20            | 2.40          |                 | 2.40             |                 | 1               | 0      |      | 09/24/2025    |
| Nitrite             | mg/L  | +/-20            | 3.00          |                 | 3.00             |                 | 1               | 0      |      | 09/24/2025    |
| Sulfate             | mg/L  | +/-20            | 16.2          |                 | 16.1             |                 | 1               | 1      |      | 09/24/2025    |
| Chloride            | mg/L  | +/-20            | 56.6          | OR              | 56.2             | OR              | 1               | 1      |      | 09/24/2025    |
| Orthophosphate as P | mg/L  | +/-20            | 5.00          |                 | 5.20             |                 | 1               | 4      |      | 09/24/2025    |

## Laboratory Control Sample Summary

**Client:** G Environmental

**SDG No.:** Q3172

**Project:** Amsterdam

**Run No.:** LB137286

| Analyte             | Units              | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---------------------|--------------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| <b>Sample ID</b>    | <b>LB137286BSW</b> |            |        |                 |            |                 |                     |               |
| Bromide             | mg/L               | 10         | 10.0   |                 | 100        | 1               | 90-110              | 09/24/2025    |
| Chloride            | mg/L               | 3          | 2.90   |                 | 97         | 1               | 90-110              | 09/24/2025    |
| Fluoride            | mg/L               | 2          | 2.00   |                 | 100        | 1               | 90-110              | 09/24/2025    |
| Nitrite             | mg/L               | 3          | 3.00   |                 | 100        | 1               | 90-110              | 09/24/2025    |
| Nitrate             | mg/L               | 2.5        | 2.40   |                 | 96         | 1               | 90-110              | 09/24/2025    |
| Sulfate             | mg/L               | 15         | 14.7   |                 | 98         | 1               | 90-110              | 09/24/2025    |
| Orthophosphate as P | mg/L               | 5          | 4.70   |                 | 94         | 1               | 90-110              | 09/24/2025    |

Instrument ID: IC-1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137286**

|                  |                                                                |              |                       |
|------------------|----------------------------------------------------------------|--------------|-----------------------|
| Review By        | rubina                                                         | Review On    | 9/26/2025 9:54:34 AM  |
| Supervise By     | Iwona                                                          | Supervise On | 9/26/2025 10:40:57 AM |
| SubDirectory     | LB137286                                                       | Test         | Anions                |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                               |              |                       |
| ICAL Standard    | WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683 |              |                       |
| ICV Standard     | WP114684                                                       |              |                       |
| CCV Standard     | WP114879                                                       |              |                       |
| ICSA Standard    | N/A                                                            |              |                       |
| CRI Standard     | N/A                                                            |              |                       |
| LCS Standard     | WP114880                                                       |              |                       |
| Chk Standard     | WP114685,WP114686                                              |              |                       |

| Sr# | SampleId    | ClientID        | QcType | Date           | Comment                      | Operator | Status   |
|-----|-------------|-----------------|--------|----------------|------------------------------|----------|----------|
| 1   | STD1        | STD1            | CAL1   | 09/09/25 10:21 | All standards, samples, and  | RM/IZ    | OK       |
| 2   | STD2        | STD2            | CAL2   | 09/09/25 10:42 | QC are filtered through      | RM/IZ    | OK       |
| 3   | STD3        | STD3            | CAL3   | 09/09/25 11:25 | 0.45um, filter lot W3160     | RM/IZ    | OK       |
| 4   | STD4        | STD4            | CAL4   | 09/09/25 11:47 |                              | RM/IZ    | OK       |
| 5   | STD5        | STD5            | CAL5   | 09/09/25 13:36 |                              | RM/IZ    | OK       |
| 6   | STD6        | STD6            | CAL6   | 09/09/25 13:58 |                              | RM/IZ    | OK       |
| 7   | STD7        | STD7            | CAL7   | 09/09/25 14:41 |                              | RM/IZ    | OK       |
| 8   | ICV1        | ICV1            | ICV    | 09/09/25 15:02 |                              | RM/IZ    | OK       |
| 9   | ICB1        | ICB1            | ICB    | 09/09/25 15:45 |                              | RM/IZ    | OK       |
| 10  | CCV1        | CCV1            | CCV    | 09/24/25 09:20 |                              | RM/IZ    | OK       |
| 11  | CCB1        | CCB1            | CCB    | 09/24/25 09:42 |                              | RM/IZ    | OK       |
| 12  | LB137286BLW | LB137286BLW     | MB     | 09/24/25 10:03 |                              | RM/IZ    | OK       |
| 13  | LB137286BSW | LB137286BSW     | LCS    | 09/24/25 10:25 |                              | RM/IZ    | OK       |
| 14  | Q3172-01    | FW7D            | SAM    | 09/24/25 10:46 | SO2-4 is high                | RM/IZ    | Dilution |
| 15  | Q3168-05    | TOTES COMP#1    | SAM    | 09/24/25 11:08 |                              | RM/IZ    | OK       |
| 16  | Q3168-05MS  | TOTES COMP#1MS  | MS     | 09/24/25 11:29 | 9.5ml of sample, 0.5mL W3092 | RM/IZ    | OK       |
| 17  | Q3168-05MSD | TOTES COMP#1MSD | MSD    | 09/24/25 11:51 | 9.5ml of sample, 0.5mL W3092 | RM/IZ    | OK       |
| 18  | Q3168-06    | TOTES COMP#2    | SAM    | 09/24/25 12:13 |                              | RM/IZ    | OK       |

Instrument ID: IC-1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137286**

|                  |                                                                |              |                       |
|------------------|----------------------------------------------------------------|--------------|-----------------------|
| Review By        | rubina                                                         | Review On    | 9/26/2025 9:54:34 AM  |
| Supervise By     | Iwona                                                          | Supervise On | 9/26/2025 10:40:57 AM |
| SubDirectory     | LB137286                                                       | Test         | Anions                |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                               |              |                       |
| ICAL Standard    | WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683 |              |                       |
| ICV Standard     | WP114684                                                       |              |                       |
| CCV Standard     | WP114879                                                       |              |                       |
| ICSA Standard    | N/A                                                            |              |                       |
| CRI Standard     | N/A                                                            |              |                       |
| LCS Standard     | WP114880                                                       |              |                       |
| Chk Standard     | WP114685,WP114686                                              |              |                       |

|    |            |        |     |                |               |       |          |
|----|------------|--------|-----|----------------|---------------|-------|----------|
| 19 | Q3172-01DL | FW7DDL | SAM | 09/24/25 12:34 | 10X For SO2-4 | RM/IZ | Confirms |
| 20 | CCV2       | CCV2   | CCV | 09/24/25 12:56 |               | RM/IZ | OK       |
| 21 | CCB2       | CCB2   | CCB | 09/24/25 13:17 |               | RM/IZ | OK       |

LAB CHRONICLE

|          |                 |            |                      |
|----------|-----------------|------------|----------------------|
| OrderID: | Q3172           | OrderDate: | 9/24/2025 9:00:00 AM |
| Client:  | G Environmental | Project:   | Amsterdam            |
| Contact: | Gary Landis     | Location:  | J43,VOA Lab          |

| LabID      | ClientID | Matrix | Test          | Method | Sample Date       | Prep Date | Anal Date         | Received |
|------------|----------|--------|---------------|--------|-------------------|-----------|-------------------|----------|
| Q3172-01   | FW7D     | WATER  | Anions Group1 | 300.0  | 09/22/25<br>12:39 |           | 09/24/25<br>10:46 | 09/23/25 |
| Q3172-01DL | FW7DDL   | WATER  | Anions Group1 | 300.0  | 09/22/25<br>12:39 |           | 09/24/25<br>12:34 | 09/23/25 |



# SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

COMPANY: **G ENVIRONMENTAL**  
ADDRESS: **8 CARRINGTON**  
CITY: **Success** STATE: **NJ** ZIP:   
ATTENTION:   
PHONE:  FAX:

PROJECT NAME: **Amsterdam**  
PROJECT NO.:  LOCATION: **NJ**  
PROJECT MANAGER: **GBC**  
e-mail:   
PHONE:  FAX:

BILL TO: **G ENVIRONMENTAL** PO#:   
ADDRESS: **8 CARRINGTON**  
CITY: **Success** STATE: **NJ** ZIP:   
ATTENTION:  PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) **STANDARD** DAYS\*   
HARDCOPY (DATA PACKAGE) **STANDARD** DAYS\*   
EDD: **STANDARD** DAYS\*   
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data **NO ASP**  
EDD FORMAT **Excel 125016**

**100 VOL% IS  
THE METALS  
Sulfate**

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES | PRESERVATIVES |   |   |   |   |   |   |   |   | COMMENTS |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---------------|---|---|---|---|---|---|---|---|----------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |
| 1.                       | FW7D                             | GW               |                | X    | 9/22/25              | 1039 | 4            | X             | X | X |   |   |   |   |   |   |          |
| 2.                       | FW6D                             | GW               |                | X    | 9/22/25              | 1445 | 3            | X             | X |   |   |   |   |   |   |   |          |
| 3.                       | GB3W                             | GW               |                | X    | 9/22/25              | 1200 | 2            | X             |   |   |   |   |   |   |   |   |          |
| 4.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 5.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 6.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 7.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 8.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 9.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 10.                      |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                          |                           |                        |                                                                                                                                                                           |
|--------------------------|---------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER: | DATE/TIME: <b>9/22/25</b> | RECEIVED BY: <b>CR</b> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <b>2.2</b> °C |
| 1. <b>AP</b>             |                           | 1. <b>CR</b>           | Comments: <b>IF EMT</b>                                                                                                                                                   |
| RELINQUISHED BY SAMPLER: | DATE/TIME:                | RECEIVED BY:           |                                                                                                                                                                           |
| 2.                       |                           | 2.                     |                                                                                                                                                                           |
| RELINQUISHED BY SAMPLER: | DATE/TIME:                | RECEIVED BY:           |                                                                                                                                                                           |
| 3.                       |                           | 3.                     |                                                                                                                                                                           |

Page \_\_\_\_ of \_\_\_\_

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |

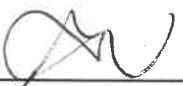
## LOGIN REPORT/SAMPLE TRANSFER

|                                       |        |                                                |                                                    |
|---------------------------------------|--------|------------------------------------------------|----------------------------------------------------|
| <b>Order ID :</b> Q3172               | GENV01 | <b>Order Date :</b> 9/24/2025 9:00:00 AM       | <b>Project Mgr :</b>                               |
| <b>Client Name :</b> G Environmental  |        | <b>Project Name :</b> Amsterdam                | <b>Report Type :</b> <del>Level 4</del> NJ Reduced |
| <b>Client Contact :</b> Gary Landis   |        | <b>Receive DateTime :</b> 9/23/2025 1:15:00 PM | <b>EDD Type :</b> HAZ/EXCEL                        |
| <b>Invoice Name :</b> G Environmental |        | <b>Purchase Order :</b>                        | <b>Hard Copy Date :</b>                            |
| <b>Invoice Contact :</b> Gary Landis  |        |                                                | <b>Date Signoff :</b>                              |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST         | TEST GROUP | METHOD   | FAX DATE     | DUE DATES |
|----------|-----------|--------|-------------|-------------|--------------|------------|----------|--------------|-----------|
| Q3172-01 | FW7D      | Water  | 09/22/2025  | 12:39       |              |            |          |              |           |
|          |           |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3172-02 | FW6D      | Water  | 09/22/2025  | 14:45       |              |            |          |              |           |
|          |           |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |
| Q3172-03 | GB3W      | Water  | 09/22/2025  | 12:00       |              |            |          |              |           |
|          |           |        |             |             | VOCMS Group1 |            | 8260-Low | 10 Bus. Days |           |

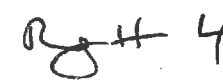
Relinquished By :

Date / Time :

  
9/24/25 0950

Received By :

Date / Time :

  
09/24/25 0950 

Storage Area : VOA Refridgerator Room