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# DATA PACKAGE

VOLATILE ORGANICS

**PROJECT NAME : UNION**

**G ENVIRONMENTAL**

**8 Carriage Ln**

**Succasunna, NJ - 07876**

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

**ORDER ID : Q3715**

**ATTENTION : Gary Landis**

**Laboratory Certification ID # 20012**

Table Of Contents for Q3715

# DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC  Client : G Environmental

Project Location : NJ  Project Number :

Laboratory Sample ID(s) : Q3715  Sampling Date(s) : 11/24/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,SOP**

| | | |
|---|---|---|
| 1 | For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards? | ☑ Yes ☐ No |
| 1A | Were the method specified handling, preservation, and holding time requirements met? | ☑ Yes ☐ No |
| 1B | EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods) | ☐ Yes ☐ No ☑ N/A |
| 2 | Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)? | ☑ Yes ☐ No |
| 3 | Were samples received at an appropriate temperature (4±2° C)? | ☑ Yes ☐ No ☐ N/A |
| 4 | Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved? | ☐ Yes ☑ No |
| 5 | a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?<br><br>b)Were these reporting limits met? | ☑ Yes ☐ No<br><br>☑ Yes ☐ No ☐ N/A |
| 6 | For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP? | ☑ Yes ☐ No |
| 7 | Are project-specific matrix spikes and/or laboratory duplicates included in this data set? | ☑ Yes ☐ No |

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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# Cover Page

**Order ID :** Q3715

**Project ID :** Union

**Client :** G Environmental

| Lab Sample Number | Client Sample Number |
|---|---|
| Q3715-01 | MW2 |
| Q3715-02 | MW6 |
| Q3715-03 | MW7 |

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: 12/5/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**G Environmental**
**Project Name: Union**
**Project # N/A**
**Order ID # Q3715**
**Test Name: VOCMS Group1**

**A. Number of Samples and Date of Receipt:**
3 Water samples were received on 11/24/2025.

**B. Parameters**
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

**C. Analytical Techniques:**
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis performed on instrument MSVOA_X 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.

**D. QA/ QC Samples:**
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
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.
The Continuous Calibration File ID VN088370.D met the requirements except for Acetone is failing marginally low and Bromoform is failing high but no positive hit in associate sample therefore no corrective action taken.
The Continuous Calibration File ID VX048672.D met the requirements except for Tert butyl alcohol, 4-Methyl-2-Pentanone and Bromochloromethane are failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.
Samples MW6 was diluted after checking past history of this sample and sample having very strong gasoline odor.

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**E. Additional Comments:**
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.

**F. Manual Integration Comments:**
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

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_____

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908-789-8900 Fax: 908-789-8922

## 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 |
| **U** | 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. |
| **ND** | Indicates the analyte was analyzed for, but not detected |
| **J** | Indicates an estimated value**.** This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(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 is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| **B** | Indicates the analyte was found in the blank as well as the sample report as "12 B". |
| **E** | Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| **D** | This flag identifies all compounds identified in an analysis at a secondary dilution factor. |
| **P** | 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". |
| **N** | 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. |
| **A** | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product. |
| **Q** | Indicates the LCS did not meet the control limits requirements |

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## APPENDIX A

## QA REVIEW GENERAL DOCUMENTATION

**Project #:** Q3715

| | 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:** 12/05/2025

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3715

**Client:** G Environmental

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID:** | **MW2** | | | | | | | | |
| Q3715-01 | MW2 | Water | Cyclohexane | | 6.70 | | 1.50 | 5.00 | ug/L |
| Q3715-01 | MW2 | Water | Methylcyclohexane | | 3.50 | | 0.16 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | Benzene | | 1.90 | | 0.15 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | Trichloroethene | | 0.50 | J | 0.090 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | Toluene | | 0.49 | J | 0.14 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | Tetrachloroethene | | 0.44 | J | 0.23 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | Ethyl Benzene | | 1.30 | | 0.13 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | m/p-Xylenes | | 0.84 | J | 0.24 | 2.00 | ug/L |
| Q3715-01 | MW2 | Water | Isopropylbenzene | | 5.20 | | 0.12 | 1.00 | ug/L |
| | | | **Total Voc :** | | 20.9 | | | | |
| Q3715-01 | MW2 | Water | Butane, 2-methyl- | * | 27.8 | J | 0 | 0 | ug/L |
| Q3715-01 | MW2 | Water | Butane, 2,3-dimethyl- | * | 8.60 | J | 0 | 0 | ug/L |
| Q3715-01 | MW2 | Water | Pentane, 3-methyl- | * | 16.4 | J | 0 | 0 | ug/L |
| Q3715-01 | MW2 | Water | Cyclopentane, methyl- | * | 16.7 | J | 0 | 0 | ug/L |
| Q3715-01 | MW2 | Water | Benzene, 1,2,3,4-tetramethyl- | * | 9.50 | J | 0 | 0 | ug/L |
| Q3715-01 | MW2 | Water | Benzene, 1-ethenyl-2-methyl- | * | 21.9 | J | 0 | 0 | ug/L |
| Q3715-01 | MW2 | Water | Benzene, 4-ethyl-1,2-dimethyl- | * | 7.60 | J | 0 | 0 | ug/L |
| Q3715-01 | MW2 | Water | Benzene, 2-ethenyl-1,4-dimeth | * | 6.50 | J | 0 | 0 | ug/L |
| Q3715-01 | MW2 | Water | Benzene, 1-ethenyl-3-ethyl- | * | 11.1 | J | 0 | 0 | ug/L |
| Q3715-01 | MW2 | Water | n-propylbenzene | * | 11.1 | J | 0.13 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | 1,3,5-Trimethylbenzene | * | 0.26 | J | 0.15 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | tert-Butylbenzene | * | 0.24 | J | 0.14 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | sec-Butylbenzene | * | 1.40 | J | 0.13 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | n-Butylbenzene | * | 0.99 | J | 0.15 | 1.00 | ug/L |
| Q3715-01 | MW2 | Water | Naphthalene | * | 2.10 | J | 0.20 | 1.00 | ug/L |
| | | | **Total Tics :** | | 142 | | | | |
| | | | **Total Concentration:** | | 163 | | | | |
| **Client ID:** | **MW6** | | | | | | | | |
| Q3715-02 | MW6 | Water | Cyclohexane | | 180 | | 5.80 | 20.0 | ug/L |
| Q3715-02 | MW6 | Water | 2-Butanone | | 39.5 | | 3.90 | 20.0 | ug/L |
| Q3715-02 | MW6 | Water | Methylcyclohexane | | 170 | | 0.64 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | Benzene | | 14.5 | | 0.60 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | Toluene | | 7.00 | | 0.56 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | Ethyl Benzene | | 200 | | 0.52 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | m/p-Xylenes | | 110 | | 0.96 | 8.00 | ug/L |
| Q3715-02 | MW6 | Water | o-Xylene | | 6.90 | | 0.48 | 4.00 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3715

**Client:** G Environmental

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Q3715-02 | MW6 | Water | Isopropylbenzene | | 170 | | 0.48 | 4.00 | ug/L |
| | | | **Total Voc :** | | 898 | | | | |
| Q3715-02 | MW6 | Water | Butane, 2-methyl- | * | 300 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | Pentane, 3-methyl- | * | 150 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | Cyclopentane, methyl- | * | 240 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | Pentane, 2-methyl- | * | 250 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | Pentane | * | 120 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | Benzene, 1,3-diethyl- | * | 340 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | Benzene, 1,2,3,5-tetramethyl- | * | 390 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | Benzene, 1-ethyl-2-methyl- | * | 140 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | 1H-Indene, 2,3-dihydro-5-meth | * | 240 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | Benzene, 4-ethyl-1,2-dimethyl- | * | 700 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | Benzene, 2-ethenyl-1,4-dimethy | * | 550 | J | 0 | 0 | ug/L |
| Q3715-02 | MW6 | Water | n-propylbenzene | * | 610 | J | 0.52 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | 1,3,5-Trimethylbenzene | * | 51.6 | J | 0.60 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | tert-Butylbenzene | * | 8.40 | J | 0.56 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | 1,2,4-Trimethylbenzene | * | 16.0 | J | 0.56 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | sec-Butylbenzene | * | 58.7 | J | 0.52 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | p-Isopropyltoluene | * | 18.3 | J | 0.52 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | n-Butylbenzene | * | 85.8 | J | 0.60 | 4.00 | ug/L |
| Q3715-02 | MW6 | Water | Naphthalene | * | 80.3 | J | 0.80 | 4.00 | ug/L |
| | | | **Total Tics :** | | 4350 | | | | |
| | | | **Total Concentration:** | | 5250 | | | | |
| **Client ID:** | **MW7** | | | | | | | | |
| Q3715-03 | MW7 | Water | Chloromethane | | 0.52 | J | 0.32 | 1.00 | ug/L |
| Q3715-03 | MW7 | Water | Tetrachloroethene | | 2.50 | | 0.23 | 1.00 | ug/L |
| | | | **Total Voc :** | | 3.02 | | | | |
| | | | **Total Concentration:** | | 3.02 | | | | |

# SAMPLE DATA

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Fax : 908 789 8922



# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 11/24/25 |
| Project: | Union | | | Date Received: | 11/24/25 |
| Client Sample ID: | MW2 | | | SDG No.: | Q3715 |
| Lab Sample ID: | Q3715-01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 74-87-3 | Chloromethane | 0.32 | U | 1 | 0.32 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 1 | 0.26 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 74-83-9 | Bromomethane | 1.40 | U | 1 | 1.40 | 5.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 75-00-3 | Chloroethane | 0.47 | U | 1 | 0.47 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 1 | 0.33 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 75-65-0 | Tert butyl alcohol | 5.50 | U | 1 | 5.50 | 25.0 | ug/L | 11/25/25 12:39 | VX112525 |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 67-64-1 | Acetone | 1.50 | U | 1 | 1.50 | 5.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 1 | 0.21 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 79-20-9 | Methyl Acetate | 0.27 | U | 1 | 0.27 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 75-09-2 | Methylene Chloride | 0.28 | U | 1 | 0.28 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 110-82-7 | Cyclohexane | 6.70 | | 1 | 1.50 | 5.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 78-93-3 | 2-Butanone | 0.98 | U | 1 | 0.98 | 5.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 74-97-5 | Bromochloromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 67-66-3 | Chloroform | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 108-87-2 | Methylcyclohexane | 3.50 | | 1 | 0.16 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 71-43-2 | Benzene | 1.90 | | 1 | 0.15 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 79-01-6 | Trichloroethene | 0.50 | J | 1 | 0.090 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 1 | 0.68 | 5.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 108-88-3 | Toluene | 0.49 | J | 1 | 0.14 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 1 | 0.17 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 1 | 0.21 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 591-78-6 | 2-Hexanone | 0.89 | U | 1 | 0.89 | 5.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 1 | 0.18 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 127-18-4 | Tetrachloroethene | 0.44 | J | 1 | 0.23 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 108-90-7 | Chlorobenzene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 100-41-4 | Ethyl Benzene | 1.30 | | 1 | 0.13 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 179601-23-1 | m/p-Xylenes | 0.84 | J | 1 | 0.24 | 2.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 95-47-6 | o-Xylene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 100-42-5 | Styrene | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |

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Fax : 908 789 8922



# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 11/24/25 |
| Project: | Union | | | Date Received: | 11/24/25 |
| Client Sample ID: | MW2 | | | SDG No.: | Q3715 |
| Lab Sample ID: | Q3715-01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 75-25-2 | Bromoform | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 98-82-8 | Isopropylbenzene | 5.20 | | 1 | 0.12 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 1 | 0.26 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 1 | 0.53 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 12:39 | VX112525 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 52.6 | | | 70 (74) - 130 (125) | 105% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 47.3 | | | 70 (75) - 130 (124) | 95% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 53.5 | | | 70 (86) - 130 (113) | 107% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 63.1 | | | 70 (77) - 130 (121) | 126% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 172000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 315000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 371000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 199000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000078-78-4 | Butane, 2-methyl- | 27.8 | J | | | 1.76 | ug/L | | |
| 000079-29-8 | Butane, 2,3-dimethyl- | 8.60 | J | | | 2.78 | ug/L | | |
| 000096-14-0 | Pentane, 3-methyl- | 16.4 | J | | | 3.10 | ug/L | | |
| 000096-37-7 | Cyclopentane, methyl- | 16.7 | J | | | 4.30 | ug/L | | |
| 103-65-1 | n-propylbenzene | 11.1 | J | | | 11.3 | ug/L | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.26 | J | | | 11.4 | ug/L | | |
| 98-06-6 | tert-Butylbenzene | 0.24 | J | | | 11.7 | ug/L | | |
| 135-98-8 | sec-Butylbenzene | 1.40 | J | | | 11.9 | ug/L | | |
| 000611-15-4 | Benzene, 1-ethenyl-2-methyl- | 21.9 | J | | | 12.2 | ug/L | | |
| 104-51-8 | n-Butylbenzene | 0.99 | J | | | 12.3 | ug/L | | |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 7.60 | J | | | 12.6 | ug/L | | |
| 007525-62-4 | Benzene, 1-ethenyl-3-ethyl- | 11.1 | J | | | 12.7 | ug/L | | |
| 000488-23-3 | Benzene, 1,2,3,4-tetramethyl- | 9.50 | J | | | 12.9 | ug/L | | |
| 002039-89-6 | Benzene, 2-ethenyl-1,4-dimethyl- | 6.50 | J | | | 13.3 | ug/L | | |
| 91-20-3 | Naphthalene | 2.10 | J | | | 13.8 | 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

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 11/24/25 |
| Project: | Union | | | Date Received: | 11/24/25 |
| Client Sample ID: | MW6 | | | SDG No.: | Q3715 |
| Lab Sample ID: | Q3715-02 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.88 | U | 4 | 0.88 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 74-87-3 | Chloromethane | 1.30 | U | 4 | 1.30 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 75-01-4 | Vinyl Chloride | 1.00 | U | 4 | 1.00 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 74-83-9 | Bromomethane | 5.80 | U | 4 | 5.80 | 20.0 | ug/L | 12/01/25 12:30 | VN120125 |
| 75-00-3 | Chloroethane | 1.90 | U | 4 | 1.90 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 75-69-4 | Trichlorofluoromethane | 1.30 | U | 4 | 1.30 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.00 | U | 4 | 1.00 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 75-65-0 | Tert butyl alcohol | 22.0 | U | 4 | 22.0 | 100 | ug/L | 12/01/25 12:30 | VN120125 |
| 75-35-4 | 1,1-Dichloroethene | 0.92 | U | 4 | 0.92 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 67-64-1 | Acetone | 6.00 | U | 4 | 6.00 | 20.0 | ug/L | 12/01/25 12:30 | VN120125 |
| 75-15-0 | Carbon Disulfide | 0.84 | U | 4 | 0.84 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 1634-04-4 | Methyl tert-butyl Ether | 0.64 | U | 4 | 0.64 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 79-20-9 | Methyl Acetate | 1.10 | U | 4 | 1.10 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 75-09-2 | Methylene Chloride | 1.10 | U | 4 | 1.10 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.92 | U | 4 | 0.92 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 75-34-3 | 1,1-Dichloroethane | 0.92 | U | 4 | 0.92 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 110-82-7 | Cyclohexane | 180 | | 4 | 5.80 | 20.0 | ug/L | 12/01/25 12:30 | VN120125 |
| 78-93-3 | 2-Butanone | 39.5 | | 4 | 3.90 | 20.0 | ug/L | 12/01/25 12:30 | VN120125 |
| 56-23-5 | Carbon Tetrachloride | 1.00 | U | 4 | 1.00 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.76 | U | 4 | 0.76 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 74-97-5 | Bromochloromethane | 0.88 | U | 4 | 0.88 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 67-66-3 | Chloroform | 1.00 | U | 4 | 1.00 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 71-55-6 | 1,1,1-Trichloroethane | 0.80 | U | 4 | 0.80 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 108-87-2 | Methylcyclohexane | 170 | | 4 | 0.64 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 71-43-2 | Benzene | 14.5 | | 4 | 0.60 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 107-06-2 | 1,2-Dichloroethane | 0.88 | U | 4 | 0.88 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 79-01-6 | Trichloroethene | 0.37 | U | 4 | 0.37 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 78-87-5 | 1,2-Dichloropropane | 0.80 | U | 4 | 0.80 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 75-27-4 | Bromodichloromethane | 0.88 | U | 4 | 0.88 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 108-10-1 | 4-Methyl-2-Pentanone | 2.70 | U | 4 | 2.70 | 20.0 | ug/L | 12/01/25 12:30 | VN120125 |
| 108-88-3 | Toluene | 7.00 | | 4 | 0.56 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 10061-02-6 | t-1,3-Dichloropropene | 0.68 | U | 4 | 0.68 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.64 | U | 4 | 0.64 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.84 | U | 4 | 0.84 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 591-78-6 | 2-Hexanone | 3.60 | U | 4 | 3.60 | 20.0 | ug/L | 12/01/25 12:30 | VN120125 |
| 124-48-1 | Dibromochloromethane | 0.72 | U | 4 | 0.72 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 106-93-4 | 1,2-Dibromoethane | 0.60 | U | 4 | 0.60 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 127-18-4 | Tetrachloroethene | 0.92 | U | 4 | 0.92 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 108-90-7 | Chlorobenzene | 0.48 | U | 4 | 0.48 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 100-41-4 | Ethyl Benzene | 200 | | 4 | 0.52 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 179601-23-1 | m/p-Xylenes | 110 | | 4 | 0.96 | 8.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 95-47-6 | o-Xylene | 6.90 | | 4 | 0.48 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 100-42-5 | Styrene | 0.60 | U | 4 | 0.60 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |

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Fax : 908 789 8922



# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 11/24/25 |
| Project: | Union | | | Date Received: | 11/24/25 |
| Client Sample ID: | MW6 | | | SDG No.: | Q3715 |
| Lab Sample ID: | Q3715-02 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 75-25-2 | Bromoform | 0.76 | U | 4 | 0.76 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 98-82-8 | Isopropylbenzene | 170 | | 4 | 0.48 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.00 | U | 4 | 1.00 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.64 | U | 4 | 0.64 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.76 | U | 4 | 0.76 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.64 | U | 4 | 0.64 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 2.10 | U | 4 | 2.10 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.80 | U | 4 | 0.80 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.80 | U | 4 | 0.80 | 4.00 | ug/L | 12/01/25 12:30 | VN120125 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 52.1 | | | 70 (74) - 130 (125) | 104% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 49.3 | | | 70 (75) - 130 (124) | 99% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 49.9 | | | 70 (86) - 130 (113) | 100% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 55.0 | | | 70 (77) - 130 (121) | 110% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 190000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 425000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 411000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 195000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000078-78-4 | Butane, 2-methyl- | 300 | J | | | 3.27 | ug/L | | |
| 000109-66-0 | Pentane | 120 | J | | | 3.66 | ug/L | | |
| 000107-83-5 | Pentane, 2-methyl- | 250 | J | | | 5.33 | ug/L | | |
| 000096-14-0 | Pentane, 3-methyl- | 150 | J | | | 5.80 | ug/L | | |
| 000096-37-7 | Cyclopentane, methyl- | 240 | J | | | 7.31 | ug/L | | |
| 103-65-1 | n-propylbenzene | 610 | J | | | 13.0 | ug/L | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | 51.6 | J | | | 13.1 | ug/L | | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 140 | J | | | 13.3 | ug/L | | |
| 98-06-6 | tert-Butylbenzene | 8.40 | J | | | 13.4 | ug/L | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | 16.0 | J | | | 13.5 | ug/L | | |
| 135-98-8 | sec-Butylbenzene | 58.7 | J | | | 13.6 | ug/L | | |
| 99-87-6 | p-Isopropyltoluene | 18.3 | J | | | 13.7 | ug/L | | |
| 000141-93-5 | Benzene, 1,3-diethyl- | 340 | J | | | 13.9 | ug/L | | |
| 104-51-8 | n-Butylbenzene | 85.8 | J | | | 14.0 | ug/L | | |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 700 | J | | | 14.3 | ug/L | | |
| 000527-53-7 | Benzene, 1,2,3,5-tetramethyl- | 390 | J | | | 14.6 | ug/L | | |
| 000874-35-1 | 1H-Indene, 2,3-dihydro-5-methyl- | 240 | J | | | 14.9 | ug/L | | |
| 002039-89-6 | Benzene, 2-ethenyl-1,4-dimethyl- | 550 | J | | | 15.0 | ug/L | | |
| 91-20-3 | Naphthalene | 80.3 | J | | | 15.6 | ug/L | | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 11/24/25 |
| Project: | Union | | | Date Received: | 11/24/25 |
| Client Sample ID: | MW6 | | | SDG No.: | Q3715 |
| Lab Sample ID: | Q3715-02 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|

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

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 11/24/25 |
| Project: | Union | Date Received: | 11/24/25 |
| Client Sample ID: | MW7 | SDG No.: | Q3715 |
| Lab Sample ID: | Q3715-03 | Matrix: | Water |
| Analytical Method: | 8260D | Level: LOW | % Solid: 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: 5000 uL | Test: VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 74-87-3 | Chloromethane | 0.52 | J | 1 | 0.32 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 1 | 0.26 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 74-83-9 | Bromomethane | 1.40 | U | 1 | 1.40 | 5.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 75-00-3 | Chloroethane | 0.47 | U | 1 | 0.47 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 1 | 0.33 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 75-65-0 | Tert butyl alcohol | 5.50 | U | 1 | 5.50 | 25.0 | ug/L | 11/25/25 13:00 | VX112525 |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 67-64-1 | Acetone | 1.50 | U | 1 | 1.50 | 5.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 1 | 0.21 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 79-20-9 | Methyl Acetate | 0.27 | U | 1 | 0.27 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 75-09-2 | Methylene Chloride | 0.28 | U | 1 | 0.28 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 110-82-7 | Cyclohexane | 1.50 | U | 1 | 1.50 | 5.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 78-93-3 | 2-Butanone | 0.98 | U | 1 | 0.98 | 5.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 74-97-5 | Bromochloromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 67-66-3 | Chloroform | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 71-43-2 | Benzene | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 79-01-6 | Trichloroethene | 0.090 | U | 1 | 0.090 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 1 | 0.68 | 5.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 108-88-3 | Toluene | 0.14 | U | 1 | 0.14 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 1 | 0.17 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 1 | 0.21 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 591-78-6 | 2-Hexanone | 0.89 | U | 1 | 0.89 | 5.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 1 | 0.18 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 127-18-4 | Tetrachloroethene | 2.50 | | 1 | 0.23 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 108-90-7 | Chlorobenzene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 1 | 0.13 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 1 | 0.24 | 2.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 95-47-6 | o-Xylene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 100-42-5 | Styrene | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 11/24/25 |
| Project: | Union | | | Date Received: | 11/24/25 |
| Client Sample ID: | MW7 | | | SDG No.: | Q3715 |
| Lab Sample ID: | Q3715-03 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 75-25-2 | Bromoform | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 1 | 0.26 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 1 | 0.53 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 13:00 | VX112525 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 51.4 | | | 70 (74) - 130 (125) | 103% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 47.1 | | | 70 (75) - 130 (124) | 94% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 55.2 | | | 70 (86) - 130 (113) | 110% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 60.0 | | | 70 (77) - 130 (121) | 120% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 167000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 306000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 379000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 189000 | | | | | | | |

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

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## Surrogate Summary

**SDG No.:** Q3715

**Client:** G Environmental

**Analytical Method:** SW8260-Low

| Lab Sample ID | Client ID | Parameter | Spike | Result | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|
| Q3715-01 | MW2 | 1,2-Dichloroethane-d4 | 50 | 52.6 | 105 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 47.4 | 95 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 53.5 | 107 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 63.1 | 126 | | 70 (77) | 130 (121) |
| Q3715-02 | MW6 | 1,2-Dichloroethane-d4 | 50 | 52.1 | 104 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 49.3 | 99 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 49.9 | 100 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 55.0 | 110 | | 70 (77) | 130 (121) |
| Q3715-03 | MW7 | 1,2-Dichloroethane-d4 | 50 | 51.4 | 103 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 47.1 | 94 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 55.2 | 110 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 60.0 | 120 | | 70 (77) | 130 (121) |
| VN1201WBL01 | VN1201WBL01 | 1,2-Dichloroethane-d4 | 50 | 57.8 | 116 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 52.2 | 104 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 50.0 | 100 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 52.4 | 105 | | 70 (77) | 130 (121) |
| VN1201WBS01 | VN1201WBS01 | 1,2-Dichloroethane-d4 | 50 | 56.0 | 112 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 55.1 | 110 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 54.9 | 110 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 53.3 | 107 | | 70 (77) | 130 (121) |
| VN1201WBSD0 | VN1201WBSD01 | 1,2-Dichloroethane-d4 | 50 | 52.2 | 104 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 52.3 | 105 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 53.2 | 106 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 51.1 | 102 | | 70 (77) | 130 (121) |
| VX1125WBL01 | VX1125WBL01 | 1,2-Dichloroethane-d4 | 50 | 56.6 | 113 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 46.3 | 93 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 48.8 | 98 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 57.4 | 115 | | 70 (77) | 130 (121) |
| VX1125WBS01 | VX1125WBS01 | 1,2-Dichloroethane-d4 | 50 | 51.2 | 102 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 45.9 | 92 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 50.1 | 100 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 49.1 | 98 | | 70 (77) | 130 (121) |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

**SDG No.:** Q3715 **Analytical Method:** SW8260-Low

**Client:** G Environmental **Datafile :** VN088373.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN1201WBS01 | Dichlorodifluoromethane | 20 | 18.2 | ug/L | 91 | | | 40 (69) | 160 (116) | |
| | Chloromethane | 20 | 19.4 | ug/L | 97 | | | 40 (65) | 160 (116) | |
| | Vinyl chloride | 20 | 18.9 | ug/L | 95 | | | 70 (65) | 130 (117) | |
| | Bromomethane | 20 | 19.7 | ug/L | 99 | | | 40 (58) | 160 (125) | |
| | Chloroethane | 20 | 19.5 | ug/L | 98 | | | 40 (56) | 160 (128) | |
| | Trichlorofluoromethane | 20 | 18.6 | ug/L | 93 | | | 40 (73) | 160 (115) | |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 18.6 | ug/L | 93 | | | 70 (80) | 130 (112) | |
| | Tert butyl alcohol | 100 | 87.5 | ug/L | 88 | | | 70 (48) | 130 (142) | |
| | 1,1-Dichloroethene | 20 | 19.0 | ug/L | 95 | | | 70 (74) | 130 (110) | |
| | Acetone | 100 | 87.9 | ug/L | 88 | | | 40 (60) | 160 (125) | |
| | Carbon disulfide | 20 | 19.4 | ug/L | 97 | | | 40 (64) | 160 (112) | |
| | Methyl tert-butyl Ether | 20 | 19.9 | ug/L | 100 | | | 70 (78) | 130 (114) | |
| | Methyl Acetate | 20 | 19.1 | ug/L | 96 | | | 70 (57) | 130 (150) | |
| | Methylene Chloride | 20 | 20.0 | ug/L | 100 | | | 70 (72) | 130 (114) | |
| | trans-1,2-Dichloroethene | 20 | 19.6 | ug/L | 98 | | | 70 (75) | 130 (108) | |
| | 1,1-Dichloroethane | 20 | 19.8 | ug/L | 99 | | | 70 (78) | 130 (112) | |
| | Cyclohexane | 20 | 17.9 | ug/L | 90 | | | 70 (75) | 130 (110) | |
| | 2-Butanone | 100 | 96.0 | ug/L | 96 | | | 40 (65) | 160 (122) | |
| | Carbon Tetrachloride | 20 | 18.3 | ug/L | 92 | | | 70 (77) | 130 (113) | |
| | cis-1,2-Dichloroethene | 20 | 20.1 | ug/L | 101 | | | 70 (77) | 130 (110) | |
| | Bromochloromethane | 20 | 19.3 | ug/L | 97 | | | 70 (70) | 130 (124) | |
| | Chloroform | 20 | 20.3 | ug/L | 102 | | | 70 (79) | 130 (113) | |
| | 1,1,1-Trichloroethane | 20 | 18.8 | ug/L | 94 | | | 70 (80) | 130 (108) | |
| | Methylcyclohexane | 20 | 17.1 | ug/L | 86 | | | 70 (72) | 130 (115) | |
| | Benzene | 20 | 19.4 | ug/L | 97 | | | 70 (82) | 130 (109) | |
| | 1,2-Dichloroethane | 20 | 19.6 | ug/L | 98 | | | 70 (80) | 130 (115) | |
| | Trichloroethene | 20 | 18.8 | ug/L | 94 | | | 70 (77) | 130 (113) | |
| | 1,2-Dichloropropane | 20 | 19.8 | ug/L | 99 | | | 70 (83) | 130 (111) | |
| | Bromodichloromethane | 20 | 19.5 | ug/L | 98 | | | 70 (83) | 130 (110) | |
| | 4-Methyl-2-Pentanone | 100 | 98.3 | ug/L | 98 | | | 40 (74) | 160 (118) | |
| | Toluene | 20 | 19.5 | ug/L | 98 | | | 70 (82) | 130 (110) | |
| | t-1,3-Dichloropropene | 20 | 19.9 | ug/L | 100 | | | 70 (79) | 130 (110) | |
| | cis-1,3-Dichloropropene | 20 | 20.1 | ug/L | 101 | | | 70 (82) | 130 (110) | |
| | 1,1,2-Trichloroethane | 20 | 20.2 | ug/L | 101 | | | 70 (83) | 130 (112) | |
| | 2-Hexanone | 100 | 93.5 | ug/L | 94 | | | 40 (73) | 160 (117) | |
| | Dibromochloromethane | 20 | 20.1 | ug/L | 101 | | | 70 (82) | 130 (110) | |
| | 1,2-Dibromoethane | 20 | 20.6 | ug/L | 103 | | | 70 (81) | 130 (110) | |
| | Tetrachloroethene | 20 | 17.9 | ug/L | 90 | | | 70 (67) | 130 (123) | |
| | Chlorobenzene | 20 | 19.5 | ug/L | 98 | | | 70 (82) | 130 (109) | |
| | Ethyl Benzene | 20 | 18.6 | ug/L | 93 | | | 70 (83) | 130 (109) | |
| | m/p-Xylenes | 40 | 37.0 | ug/L | 93 | | | 70 (82) | 130 (110) | |
| | o-Xylene | 20 | 18.3 | ug/L | 92 | | | 70 (83) | 130 (109) | |
| | Styrene | 20 | 19.6 | ug/L | 98 | | | 70 (80) | 130 (111) | |
| | Bromoform | 20 | 20.0 | ug/L | 100 | | | 70 (79) | 130 (109) | |
| | Isopropylbenzene | 20 | 18.6 | ug/L | 93 | | | 70 (83) | 130 (112) | |
| | 1,1,2,2-Tetrachloroethane | 20 | 20.1 | ug/L | 101 | | | 70 (76) | 130 (118) | |
| | 1,3-Dichlorobenzene | 20 | 19.0 | ug/L | 95 | | | 70 (82) | 130 (108) | |
| | 1,4-Dichlorobenzene | 20 | 18.5 | ug/L | 93 | | | 70 (82) | 130 (107) | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

**SDG No.:** Q3715 **Analytical Method:** SW8260-Low

**Client:** G Environmental **Datafile :** VN088373.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN1201WBS01 | 1,2-Dichlorobenzene | 20 | 19.4 | ug/L | 97 | | | 70 (82) | 130 (109) | |
| | 1,2-Dibromo-3-Chloropropane | 20 | 18.2 | ug/L | 91 | | | 40 (68) | 160 (112) | |
| | 1,2,4-Trichlorobenzene | 20 | 18.5 | ug/L | 93 | | | 70 (75) | 130 (113) | |
| | 1,2,3-Trichlorobenzene | 20 | 18.3 | ug/L | 92 | | | 70 (76) | 130 (114) | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

**SDG No.:** Q3715 **Analytical Method:** SW8260-Low

**Client:** G Environmental **Datafile :** VN088374.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN1201WBSD01 | Dichlorodifluoromethane | 20 | 18.9 | ug/L | 95 | 4 | | 40 (69) | 160 (116) | 20 (19) |
| | Chloromethane | 20 | 19.4 | ug/L | 97 | 0 | | 40 (65) | 160 (116) | 20 (21) |
| | Vinyl chloride | 20 | 18.7 | ug/L | 94 | 1 | | 70 (65) | 130 (117) | 20 (19) |
| | Bromomethane | 20 | 20.2 | ug/L | 101 | 2 | | 40 (58) | 160 (125) | 20 (30) |
| | Chloroethane | 20 | 19.3 | ug/L | 97 | 1 | | 40 (56) | 160 (128) | 20 (20) |
| | Trichlorofluoromethane | 20 | 18.7 | ug/L | 94 | 1 | | 40 (73) | 160 (115) | 20 (16) |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 18.5 | ug/L | 93 | 0 | | 70 (80) | 130 (112) | 20 (20) |
| | Tert butyl alcohol | 100 | 88.0 | ug/L | 88 | 0 | | 70 (48) | 130 (142) | 20 (30) |
| | 1,1-Dichloroethene | 20 | 18.8 | ug/L | 94 | 1 | | 70 (74) | 130 (110) | 20 (20) |
| | Acetone | 100 | 87.0 | ug/L | 87 | 1 | | 40 (60) | 160 (125) | 20 (27) |
| | Carbon disulfide | 20 | 18.8 | ug/L | 94 | 3 | | 40 (64) | 160 (112) | 20 (17) |
| | Methyl tert-butyl Ether | 20 | 19.4 | ug/L | 97 | 3 | | 70 (78) | 130 (114) | 20 (20) |
| | Methyl Acetate | 20 | 19.0 | ug/L | 95 | 1 | | 70 (57) | 130 (150) | 20 (20) |
| | Methylene Chloride | 20 | 20.2 | ug/L | 101 | 1 | | 70 (72) | 130 (114) | 20 (20) |
| | trans-1,2-Dichloroethene | 20 | 19.6 | ug/L | 98 | 0 | | 70 (75) | 130 (108) | 20 (16) |
| | 1,1-Dichloroethane | 20 | 19.1 | ug/L | 96 | 3 | | 70 (78) | 130 (112) | 20 (20) |
| | Cyclohexane | 20 | 18.5 | ug/L | 93 | 3 | | 70 (75) | 130 (110) | 20 (20) |
| | 2-Butanone | 100 | 96.2 | ug/L | 96 | 0 | | 40 (65) | 160 (122) | 20 (26) |
| | Carbon Tetrachloride | 20 | 18.8 | ug/L | 94 | 2 | | 70 (77) | 130 (113) | 20 (15) |
| | cis-1,2-Dichloroethene | 20 | 19.4 | ug/L | 97 | 4 | | 70 (77) | 130 (110) | 20 (20) |
| | Bromochloromethane | 20 | 18.5 | ug/L | 93 | 4 | | 70 (70) | 130 (124) | 20 (20) |
| | Chloroform | 20 | 19.6 | ug/L | 98 | 4 | | 70 (79) | 130 (113) | 20 (20) |
| | 1,1,1-Trichloroethane | 20 | 19.0 | ug/L | 95 | 1 | | 70 (80) | 130 (108) | 20 (20) |
| | Methylcyclohexane | 20 | 18.5 | ug/L | 93 | 8 | | 70 (72) | 130 (115) | 20 (20) |
| | Benzene | 20 | 19.1 | ug/L | 96 | 1 | | 70 (82) | 130 (109) | 20 (15) |
| | 1,2-Dichloroethane | 20 | 19.4 | ug/L | 97 | 1 | | 70 (80) | 130 (115) | 20 (20) |
| | Trichloroethene | 20 | 19.1 | ug/L | 96 | 2 | | 70 (77) | 130 (113) | 20 (15) |
| | 1,2-Dichloropropane | 20 | 19.2 | ug/L | 96 | 3 | | 70 (83) | 130 (111) | 20 (21) |
| | Bromodichloromethane | 20 | 19.3 | ug/L | 97 | 1 | | 70 (83) | 130 (110) | 20 (21) |
| | 4-Methyl-2-Pentanone | 100 | 98.5 | ug/L | 99 | 1 | | 40 (74) | 160 (118) | 20 (25) |
| | Toluene | 20 | 19.8 | ug/L | 99 | 1 | | 70 (82) | 130 (110) | 20 (16) |
| | t-1,3-Dichloropropene | 20 | 19.1 | ug/L | 96 | 4 | | 70 (79) | 130 (110) | 20 (20) |
| | cis-1,3-Dichloropropene | 20 | 19.5 | ug/L | 98 | 3 | | 70 (82) | 130 (110) | 20 (16) |
| | 1,1,2-Trichloroethane | 20 | 20.0 | ug/L | 100 | 1 | | 70 (83) | 130 (112) | 20 (20) |
| | 2-Hexanone | 100 | 94.4 | ug/L | 94 | 0 | | 40 (73) | 160 (117) | 20 (25) |
| | Dibromochloromethane | 20 | 20.3 | ug/L | 102 | 1 | | 70 (82) | 130 (110) | 20 (20) |
| | 1,2-Dibromoethane | 20 | 19.9 | ug/L | 100 | 3 | | 70 (81) | 130 (110) | 20 (20) |
| | Tetrachloroethene | 20 | 19.0 | ug/L | 95 | 5 | | 70 (67) | 130 (123) | 20 (15) |
| | Chlorobenzene | 20 | 19.8 | ug/L | 99 | 1 | | 70 (82) | 130 (109) | 20 (15) |
| | Ethyl Benzene | 20 | 18.9 | ug/L | 95 | 2 | | 70 (83) | 130 (109) | 20 (16) |
| | m/p-Xylenes | 40 | 37.8 | ug/L | 95 | 2 | | 70 (82) | 130 (110) | 20 (20) |
| | o-Xylene | 20 | 19.2 | ug/L | 96 | 4 | | 70 (83) | 130 (109) | 20 (20) |
| | Styrene | 20 | 19.4 | ug/L | 97 | 1 | | 70 (80) | 130 (111) | 20 (17) |
| | Bromoform | 20 | 20.1 | ug/L | 101 | 1 | | 70 (79) | 130 (109) | 20 (20) |
| | Isopropylbenzene | 20 | 19.3 | ug/L | 97 | 4 | | 70 (83) | 130 (112) | 20 (22) |
| | 1,1,2,2-Tetrachloroethane | 20 | 19.5 | ug/L | 98 | 3 | | 70 (76) | 130 (118) | 20 (20) |
| | 1,3-Dichlorobenzene | 20 | 19.5 | ug/L | 98 | 3 | | 70 (82) | 130 (108) | 20 (20) |
| | 1,4-Dichlorobenzene | 20 | 19.0 | ug/L | 95 | 2 | | 70 (82) | 130 (107) | 20 (20) |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

**SDG No.:** Q3715 **Analytical Method:** SW8260-Low

**Client:** G Environmental **Datafile :** VN088374.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN1201WBSD01 | 1,2-Dichlorobenzene | 20 | 19.0 | ug/L | 95 | 2 | | 70 (82) | 130 (109) | 20 (20) |
| | 1,2-Dibromo-3-Chloropropane | 20 | 18.5 | ug/L | 93 | 2 | | 40 (68) | 160 (112) | 20 (26) |
| | 1,2,4-Trichlorobenzene | 20 | 18.0 | ug/L | 90 | 3 | | 70 (75) | 130 (113) | 20 (21) |
| | 1,2,3-Trichlorobenzene | 20 | 19.1 | ug/L | 96 | 4 | | 70 (76) | 130 (114) | 20 (22) |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

**SDG No.:** Q3715 **Analytical Method:** SW8260-Low

**Client:** G Environmental **Datafile :** VX048675.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX1125WBS01 | Dichlorodifluoromethane | 20 | 17.9 | ug/L | 90 | | | 40 (69) | 160 (116) | |
| | Chloromethane | 20 | 14.8 | ug/L | 74 | | | 40 (65) | 160 (116) | |
| | Vinyl chloride | 20 | 19.5 | ug/L | 98 | | | 70 (65) | 130 (117) | |
| | Bromomethane | 20 | 21.9 | ug/L | 110 | | | 40 (58) | 160 (125) | |
| | Chloroethane | 20 | 18.9 | ug/L | 95 | | | 40 (56) | 160 (128) | |
| | Trichlorofluoromethane | 20 | 20.0 | ug/L | 100 | | | 40 (73) | 160 (115) | |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 20.4 | ug/L | 102 | | | 70 (80) | 130 (112) | |
| | Tert butyl alcohol | 100 | 91.1 | ug/L | 91 | | | 70 (48) | 130 (142) | |
| | 1,1-Dichloroethene | 20 | 18.6 | ug/L | 93 | | | 70 (74) | 130 (110) | |
| | Acetone | 100 | 92.6 | ug/L | 93 | | | 40 (60) | 160 (125) | |
| | Carbon disulfide | 20 | 16.1 | ug/L | 81 | | | 40 (64) | 160 (112) | |
| | Methyl tert-butyl Ether | 20 | 18.0 | ug/L | 90 | | | 70 (78) | 130 (114) | |
| | Methyl Acetate | 20 | 22.5 | ug/L | 113 | | | 70 (57) | 130 (150) | |
| | Methylene Chloride | 20 | 19.7 | ug/L | 99 | | | 70 (72) | 130 (114) | |
| | trans-1,2-Dichloroethene | 20 | 16.9 | ug/L | 85 | | | 70 (75) | 130 (108) | |
| | 1,1-Dichloroethane | 20 | 17.2 | ug/L | 86 | | | 70 (78) | 130 (112) | |
| | Cyclohexane | 20 | 18.8 | ug/L | 94 | | | 70 (75) | 130 (110) | |
| | 2-Butanone | 100 | 82.8 | ug/L | 83 | | | 40 (65) | 160 (122) | |
| | Carbon Tetrachloride | 20 | 20.3 | ug/L | 102 | | | 70 (77) | 130 (113) | |
| | cis-1,2-Dichloroethene | 20 | 17.8 | ug/L | 89 | | | 70 (77) | 130 (110) | |
| | Bromochloromethane | 20 | 21.1 | ug/L | 106 | | | 70 (70) | 130 (124) | |
| | Chloroform | 20 | 21.7 | ug/L | 109 | | | 70 (79) | 130 (113) | |
| | 1,1,1-Trichloroethane | 20 | 21.0 | ug/L | 105 | | | 70 (80) | 130 (108) | |
| | Methylcyclohexane | 20 | 18.3 | ug/L | 92 | | | 70 (72) | 130 (115) | |
| | Benzene | 20 | 19.1 | ug/L | 96 | | | 70 (82) | 130 (109) | |
| | 1,2-Dichloroethane | 20 | 20.6 | ug/L | 103 | | | 70 (80) | 130 (115) | |
| | Trichloroethene | 20 | 20.3 | ug/L | 102 | | | 70 (77) | 130 (113) | |
| | 1,2-Dichloropropane | 20 | 21.6 | ug/L | 108 | | | 70 (83) | 130 (111) | |
| | Bromodichloromethane | 20 | 23.3 | ug/L | 117 | | | 70 (83) | 130 (110) | |
| | 4-Methyl-2-Pentanone | 100 | 120 | ug/L | 120 | | | 40 (74) | 160 (118) | |
| | Toluene | 20 | 22.2 | ug/L | 111 | | | 70 (82) | 130 (110) | |
| | t-1,3-Dichloropropene | 20 | 22.7 | ug/L | 114 | | | 70 (79) | 130 (110) | |
| | cis-1,3-Dichloropropene | 20 | 22.7 | ug/L | 114 | | | 70 (82) | 130 (110) | |
| | 1,1,2-Trichloroethane | 20 | 23.9 | ug/L | 119 | | | 70 (83) | 130 (112) | |
| | 2-Hexanone | 100 | 120 | ug/L | 120 | | | 40 (73) | 160 (117) | |
| | Dibromochloromethane | 20 | 23.9 | ug/L | 119 | | | 70 (82) | 130 (110) | |
| | 1,2-Dibromoethane | 20 | 22.7 | ug/L | 114 | | | 70 (81) | 130 (110) | |
| | Tetrachloroethene | 20 | 18.9 | ug/L | 95 | | | 70 (67) | 130 (123) | |
| | Chlorobenzene | 20 | 19.0 | ug/L | 95 | | | 70 (82) | 130 (109) | |
| | Ethyl Benzene | 20 | 19.3 | ug/L | 97 | | | 70 (83) | 130 (109) | |
| | m/p-Xylenes | 40 | 38.8 | ug/L | 97 | | | 70 (82) | 130 (110) | |
| | o-Xylene | 20 | 19.2 | ug/L | 96 | | | 70 (83) | 130 (109) | |
| | Styrene | 20 | 20.3 | ug/L | 102 | | | 70 (80) | 130 (111) | |
| | Bromoform | 20 | 19.9 | ug/L | 100 | | | 70 (79) | 130 (109) | |
| | Isopropylbenzene | 20 | 19.9 | ug/L | 100 | | | 70 (83) | 130 (112) | |
| | 1,1,2,2-Tetrachloroethane | 20 | 20.3 | ug/L | 102 | | | 70 (76) | 130 (118) | |
| | 1,3-Dichlorobenzene | 20 | 19.7 | ug/L | 99 | | | 70 (82) | 130 (108) | |
| | 1,4-Dichlorobenzene | 20 | 19.5 | ug/L | 98 | | | 70 (82) | 130 (107) | |

( ) = LABORATORY INHOUSE LIMIT

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

| | | | |
|---|---|---|---|
| **SDG No.:** | **Q3715** | **Analytical Method:** | **SW8260-Low** |
| **Client:** | **G Environmental** | **Datafile :** | VX048675.D |

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| **VX1125WBS01** | 1,2-Dichlorobenzene | 20 | 19.8 | ug/L | 99 | | | 70 (82) | 130 (109) | |
| | 1,2-Dibromo-3-Chloropropane | 20 | 20.3 | ug/L | 102 | | | 40 (68) | 160 (112) | |
| | 1,2,4-Trichlorobenzene | 20 | 19.0 | ug/L | 95 | | | 70 (75) | 130 (113) | |
| | 1,2,3-Trichlorobenzene | 20 | 19.1 | ug/L | 96 | | | 70 (76) | 130 (114) | |

( ) = LABORATORY INHOUSE LIMIT

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# VOLATILE METHOD BLANK SUMMARY

| Client ID |
|---|
| VN1201WBL01 |

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3715

Lab File ID: VN088372.D Lab Sample ID: VN1201WBL01

Date Analyzed: 12/01/2025 Time Analyzed: 10:53

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| VN1201WBS01 | VN1201WBS01 | VN088373.D | 12/01/2025 |
| VN1201WBSD01 | VN1201WBSD01 | VN088374.D | 12/01/2025 |
| MW6 | Q3715-02 | VN088375.D | 12/01/2025 |

COMMENTS:

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# VOLATILE METHOD BLANK SUMMARY

Client ID: VX1125WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3715

Lab File ID: VX048674.D | Lab Sample ID: VX1125WBL01

Date Analyzed: 11/25/2025 | Time Analyzed: 10:38

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| VX1125WBS01 | VX1125WBS01 | VX048675.D | 11/25/2025 |
| MW2 | Q3715-01 | VX048678.D | 11/25/2025 |
| MW7 | Q3715-03 | VX048679.D | 11/25/2025 |

COMMENTS:

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3715
Lab File ID: VN088343.D
BFB Injection Date: 11/24/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:17
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 23.6 |
| 75 | 30.0 - 60.0% of mass 95 | 56.6 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.9 |
| 173 | Less than 2.0% of mass 174 | 1 ( 1.4 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 70.8 |
| 175 | 5.0 - 9.0% of mass 174 | 6 ( 8.4 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 68.3 ( 96.4 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.3 ( 6.4 ) 2 |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDICC001 | VSTDICC001 | VN088344.D | 11/24/2025 | 12:38 |
| VSTDICC005 | VSTDICC005 | VN088345.D | 11/24/2025 | 13:11 |
| VSTDICC020 | VSTDICC020 | VN088346.D | 11/24/2025 | 13:32 |
| VSTDICCC050 | VSTDICCC050 | VN088347.D | 11/24/2025 | 13:53 |
| VSTDICC100 | VSTDICC100 | VN088348.D | 11/24/2025 | 14:14 |
| VSTDICC150 | VSTDICC150 | VN088349.D | 11/24/2025 | 14:35 |

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3715

Lab File ID: VN088369.D | BFB Injection Date: 12/01/2025

Instrument ID: MSVOA_N | BFB Injection Time: 08:49

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 22.9 |
| 75 | 30.0 - 60.0% of mass 95 | 59.1 |
| 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 | 0.9 ( 1.2 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 71 |
| 175 | 5.0 - 9.0% of mass 174 | 5.7 ( 8 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 68.9 ( 97.1 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.2 ( 7.5 ) 2 |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VN088370.D | 12/01/2025 | 09:58 |
| VN1201WBL01 | VN1201WBL01 | VN088372.D | 12/01/2025 | 10:53 |
| VN1201WBS01 | VN1201WBS01 | VN088373.D | 12/01/2025 | 11:27 |
| VN1201WBSD01 | VN1201WBSD01 | VN088374.D | 12/01/2025 | 12:10 |
| MW6 | Q3715-02 | VN088375.D | 12/01/2025 | 12:30 |

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3715
Lab File ID: VX048515.D
BFB Injection Date: 11/07/2025
Instrument ID: MSVOA_X
BFB Injection Time: 13:06
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 | 21.2 |
| 75 | 30.0 - 60.0% of mass 95 | 56 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 |
| 173 | Less than 2.0% of mass 174 | 1 ( 1.2 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 77.2 |
| 175 | 5.0 - 9.0% of mass 174 | 5.7 ( 7.3 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 75.5 ( 97.9 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.7 ( 6.2 ) 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 |
|---|---|---|---|---|
| VSTDICC001 | VSTDICC001 | VX048516.D | 11/07/2025 | 13:35 |
| VSTDICC005 | VSTDICC005 | VX048517.D | 11/07/2025 | 13:56 |
| VSTDICC020 | VSTDICC020 | VX048518.D | 11/07/2025 | 14:16 |
| VSTDICC100 | VSTDICC100 | VX048520.D | 11/07/2025 | 14:58 |
| VSTDICC150 | VSTDICC150 | VX048521.D | 11/07/2025 | 15:18 |
| VSTDICCC050 | VSTDICCC050 | VX048524.D | 11/07/2025 | 16:29 |

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3715

Lab File ID: VX048671.D | BFB Injection Date: 11/25/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:48

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 | 15.9 |
| 75 | 30.0 - 60.0% of mass 95 | 48.3 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 5.9 |
| 173 | Less than 2.0% of mass 174 | 0.3 ( 0.4 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 79.2 |
| 175 | 5.0 - 9.0% of mass 174 | 6.1 ( 7.7 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 76.6 ( 96.8 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.3 ( 6.9 ) 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 | VX048672.D | 11/25/2025 | 09:48 |
| VX1125WBL01 | VX1125WBL01 | VX048674.D | 11/25/2025 | 10:38 |
| VX1125WBS01 | VX1125WBS01 | VX048675.D | 11/25/2025 | 11:05 |
| MW2 | Q3715-01 | VX048678.D | 11/25/2025 | 12:39 |
| MW7 | Q3715-03 | VX048679.D | 11/25/2025 | 13:00 |

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3715

Lab File ID: VN088370.D Date Analyzed: 12/01/2025

Instrument ID: MSVOA_N Time Analyzed: 09:58

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| | IS1 AREA # | RT # | IS2 AREA # | RT # | IS3 AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 262500 | 8.20 | 457607 | 9.08 | 408098 | 11.84 |
| UPPER LIMIT | 525000 | 8.7 | 915214 | 9.582 | 816196 | 12.341 |
| LOWER LIMIT | 131250 | 7.7 | 228804 | 8.582 | 204049 | 11.341 |
| EPA SAMPLE NO. | | | | | | |
| MW6 | 190391 | 8.21 | 425302 | 9.08 | 411286 | 11.84 |
| VN1201WBL01 | 188076 | 8.20 | 435319 | 9.08 | 418422 | 11.84 |
| VN1201WBS01 | 256678 | 8.21 | 487472 | 9.08 | 435019 | 11.84 |
| VN1201WBSD01 | 257123 | 8.21 | 472668 | 9.08 | 413438 | 11.84 |

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.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3715

Lab File ID: VN088370.D Date Analyzed: 12/01/2025

Instrument ID: MSVOA_N Time Analyzed: 09:58

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 197460 | 13.765 | | | | |
| UPPER LIMIT | 394920 | 14.265 | | | | |
| LOWER LIMIT | 98730 | 13.265 | | | | |
| EPA SAMPLE NO. | | | | | | |
| MW6 | 194905 | 13.77 | | | | |
| VN1201WBL01 | 198799 | 13.77 | | | | |
| VN1201WBS01 | 207303 | 13.77 | | | | |
| VN1201WBSD01 | 196888 | 13.77 | | | | |

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.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3715

Lab File ID: VX048672.D Date Analyzed: 11/25/2025

Instrument ID: MSVOA_X Time Analyzed: 09:48

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

| | IS1 AREA # | RT # | IS2 AREA # | RT # | IS3 AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 150094 | 5.53 | 259657 | 6.74 | 217303 | 10.04 |
| UPPER LIMIT | 300188 | 6.025 | 519314 | 7.239 | 434606 | 10.537 |
| LOWER LIMIT | 75047 | 5.025 | 129829 | 6.239 | 108652 | 9.537 |
| EPA SAMPLE NO. | | | | | | |
| MW2 | 172027 | 5.54 | 315243 | 6.75 | 370755 | 10.04 |
| MW7 | 166997 | 5.54 | 305521 | 6.75 | 379381 | 10.04 |
| VX1125WBL01 | 175748 | 5.54 | 347104 | 6.75 | 371931 | 10.04 |
| VX1125WBS01 | 152887 | 5.53 | 255033 | 6.75 | 234446 | 10.04 |

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.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3715

Lab File ID: VX048672.D Date Analyzed: 11/25/2025

Instrument ID: MSVOA_X Time Analyzed: 09:48

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 114893 | 12 | | | | |
| UPPER LIMIT | 229786 | 12.5 | | | | |
| LOWER LIMIT | 57446.5 | 11.5 | | | | |
| EPA SAMPLE NO. | | | | | | |
| MW2 | 198932 | 12.01 | | | | |
| MW7 | 188892 | 12.01 | | | | |
| VX1125WBL01 | 201273 | 12.01 | | | | |
| VX1125WBS01 | 118863 | 12.01 | | | | |

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

Alliance TECHNICAL GROUP
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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VN1201WBL01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VN1201WBL01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 74-87-3 | Chloromethane | 0.32 | U | 1 | 0.32 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 1 | 0.26 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 74-83-9 | Bromomethane | 1.40 | U | 1 | 1.40 | 5.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 75-00-3 | Chloroethane | 0.47 | U | 1 | 0.47 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 1 | 0.33 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 75-65-0 | Tert butyl alcohol | 5.50 | U | 1 | 5.50 | 25.0 | ug/L | 12/01/25 10:53 | VN120125 |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 67-64-1 | Acetone | 1.50 | U | 1 | 1.50 | 5.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 1 | 0.21 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 79-20-9 | Methyl Acetate | 0.27 | U | 1 | 0.27 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 75-09-2 | Methylene Chloride | 0.28 | U | 1 | 0.28 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 110-82-7 | Cyclohexane | 1.50 | U | 1 | 1.50 | 5.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 78-93-3 | 2-Butanone | 0.98 | U | 1 | 0.98 | 5.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 74-97-5 | Bromochloromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 67-66-3 | Chloroform | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 71-43-2 | Benzene | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 79-01-6 | Trichloroethene | 0.090 | U | 1 | 0.090 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 1 | 0.68 | 5.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 108-88-3 | Toluene | 0.14 | U | 1 | 0.14 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 1 | 0.17 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 1 | 0.21 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 591-78-6 | 2-Hexanone | 0.89 | U | 1 | 0.89 | 5.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 1 | 0.18 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 108-90-7 | Chlorobenzene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 1 | 0.13 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 1 | 0.24 | 2.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 95-47-6 | o-Xylene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 100-42-5 | Styrene | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VN1201WBL01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VN1201WBL01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 75-25-2 | Bromoform | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 1 | 0.26 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 1 | 0.53 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 12/01/25 10:53 | VN120125 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 57.8 | | | 70 (74) - 130 (125) | 116% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 52.2 | | | 70 (75) - 130 (124) | 104% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 50.0 | | | 70 (86) - 130 (113) | 100% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 52.4 | | | 70 (77) - 130 (121) | 105% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 188000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 435000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 418000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 199000 | | | | | | | |

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

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Fax : 908 789 8922



# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VX1125WBL01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VX1125WBL01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 74-87-3 | Chloromethane | 0.32 | U | 1 | 0.32 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 1 | 0.26 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 74-83-9 | Bromomethane | 1.40 | U | 1 | 1.40 | 5.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 75-00-3 | Chloroethane | 0.47 | U | 1 | 0.47 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 1 | 0.33 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 75-65-0 | Tert butyl alcohol | 5.50 | U | 1 | 5.50 | 25.0 | ug/L | 11/25/25 10:38 | VX112525 |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 67-64-1 | Acetone | 1.50 | U | 1 | 1.50 | 5.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 1 | 0.21 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 79-20-9 | Methyl Acetate | 0.27 | U | 1 | 0.27 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 75-09-2 | Methylene Chloride | 0.28 | U | 1 | 0.28 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 110-82-7 | Cyclohexane | 1.50 | U | 1 | 1.50 | 5.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 78-93-3 | 2-Butanone | 0.98 | U | 1 | 0.98 | 5.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 74-97-5 | Bromochloromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 67-66-3 | Chloroform | 0.25 | U | 1 | 0.25 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 71-43-2 | Benzene | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 79-01-6 | Trichloroethene | 0.090 | U | 1 | 0.090 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 1 | 0.22 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 1 | 0.68 | 5.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 108-88-3 | Toluene | 0.14 | U | 1 | 0.14 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 1 | 0.17 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 1 | 0.21 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 591-78-6 | 2-Hexanone | 0.89 | U | 1 | 0.89 | 5.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 1 | 0.18 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 1 | 0.23 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 108-90-7 | Chlorobenzene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 1 | 0.13 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 1 | 0.24 | 2.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 95-47-6 | o-Xylene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 100-42-5 | Styrene | 0.15 | U | 1 | 0.15 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VX1125WBL01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VX1125WBL01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 75-25-2 | Bromoform | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 1 | 0.12 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 1 | 0.26 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 1 | 0.19 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 1 | 0.16 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 1 | 0.53 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 1 | 0.20 | 1.00 | ug/L | 11/25/25 10:38 | VX112525 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 56.6 | | | 70 (74) - 130 (125) | 113% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 46.3 | | | 70 (75) - 130 (124) | 93% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 48.8 | | | 70 (86) - 130 (113) | 98% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 57.4 | | | 70 (77) - 130 (121) | 115% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 176000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 347000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 372000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 201000 | | | | | | | |

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

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VN1201WBS01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VN1201WBS01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 18.2 | | 1 | 0.22 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 74-87-3 | Chloromethane | 19.4 | | 1 | 0.32 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 75-01-4 | Vinyl Chloride | 18.9 | | 1 | 0.26 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 74-83-9 | Bromomethane | 19.7 | | 1 | 1.40 | 5.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 75-00-3 | Chloroethane | 19.5 | | 1 | 0.47 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 75-69-4 | Trichlorofluoromethane | 18.6 | | 1 | 0.33 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 18.6 | | 1 | 0.25 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 75-65-0 | Tert butyl alcohol | 87.5 | | 1 | 5.50 | 25.0 | ug/L | 12/01/25 11:27 | VN120125 |
| 75-35-4 | 1,1-Dichloroethene | 19.0 | | 1 | 0.23 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 67-64-1 | Acetone | 87.9 | | 1 | 1.50 | 5.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 75-15-0 | Carbon Disulfide | 19.4 | | 1 | 0.21 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 1634-04-4 | Methyl tert-butyl Ether | 19.9 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 79-20-9 | Methyl Acetate | 19.1 | | 1 | 0.27 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 75-09-2 | Methylene Chloride | 20.0 | | 1 | 0.28 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 156-60-5 | trans-1,2-Dichloroethene | 19.6 | | 1 | 0.23 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 75-34-3 | 1,1-Dichloroethane | 19.8 | | 1 | 0.23 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 110-82-7 | Cyclohexane | 17.9 | | 1 | 1.50 | 5.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 78-93-3 | 2-Butanone | 96.0 | | 1 | 0.98 | 5.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 56-23-5 | Carbon Tetrachloride | 18.3 | | 1 | 0.25 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 156-59-2 | cis-1,2-Dichloroethene | 20.1 | | 1 | 0.19 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 74-97-5 | Bromochloromethane | 19.3 | | 1 | 0.22 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 67-66-3 | Chloroform | 20.3 | | 1 | 0.25 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 71-55-6 | 1,1,1-Trichloroethane | 18.8 | | 1 | 0.20 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 108-87-2 | Methylcyclohexane | 17.1 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 71-43-2 | Benzene | 19.4 | | 1 | 0.15 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 107-06-2 | 1,2-Dichloroethane | 19.6 | | 1 | 0.22 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 79-01-6 | Trichloroethene | 18.8 | | 1 | 0.090 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 78-87-5 | 1,2-Dichloropropane | 19.8 | | 1 | 0.20 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 75-27-4 | Bromodichloromethane | 19.5 | | 1 | 0.22 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 108-10-1 | 4-Methyl-2-Pentanone | 98.3 | | 1 | 0.68 | 5.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 108-88-3 | Toluene | 19.5 | | 1 | 0.14 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 10061-02-6 | t-1,3-Dichloropropene | 19.9 | | 1 | 0.17 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 10061-01-5 | cis-1,3-Dichloropropene | 20.1 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 79-00-5 | 1,1,2-Trichloroethane | 20.2 | | 1 | 0.21 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 591-78-6 | 2-Hexanone | 93.5 | | 1 | 0.89 | 5.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 124-48-1 | Dibromochloromethane | 20.1 | | 1 | 0.18 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 106-93-4 | 1,2-Dibromoethane | 20.6 | | 1 | 0.15 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 127-18-4 | Tetrachloroethene | 17.9 | | 1 | 0.23 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 108-90-7 | Chlorobenzene | 19.5 | | 1 | 0.12 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 100-41-4 | Ethyl Benzene | 18.6 | | 1 | 0.13 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 179601-23-1 | m/p-Xylenes | 37.0 | | 1 | 0.24 | 2.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 95-47-6 | o-Xylene | 18.3 | | 1 | 0.12 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 100-42-5 | Styrene | 19.6 | | 1 | 0.15 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VN1201WBS01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VN1201WBS01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 75-25-2 | Bromoform | 20.0 | | 1 | 0.19 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 98-82-8 | Isopropylbenzene | 18.6 | | 1 | 0.12 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.1 | | 1 | 0.26 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 541-73-1 | 1,3-Dichlorobenzene | 19.0 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 106-46-7 | 1,4-Dichlorobenzene | 18.5 | | 1 | 0.19 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 95-50-1 | 1,2-Dichlorobenzene | 19.4 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 18.2 | | 1 | 0.53 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 18.5 | | 1 | 0.20 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 18.3 | | 1 | 0.20 | 1.00 | ug/L | 12/01/25 11:27 | VN120125 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 56.0 | | | 70 (74) - 130 (125) | 112% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 55.1 | | | 70 (75) - 130 (124) | 110% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 54.9 | | | 70 (86) - 130 (113) | 110% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 53.3 | | | 70 (77) - 130 (121) | 107% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 257000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 487000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 435000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 207000 | | | | | | | |

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

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VX1125WBS01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VX1125WBS01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 17.9 | | 1 | 0.22 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 74-87-3 | Chloromethane | 14.8 | | 1 | 0.32 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 75-01-4 | Vinyl Chloride | 19.5 | | 1 | 0.26 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 74-83-9 | Bromomethane | 21.9 | | 1 | 1.40 | 5.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 75-00-3 | Chloroethane | 18.9 | | 1 | 0.47 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 75-69-4 | Trichlorofluoromethane | 20.0 | | 1 | 0.33 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 20.4 | | 1 | 0.25 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 75-65-0 | Tert butyl alcohol | 91.1 | | 1 | 5.50 | 25.0 | ug/L | 11/25/25 11:05 | VX112525 |
| 75-35-4 | 1,1-Dichloroethene | 18.6 | | 1 | 0.23 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 67-64-1 | Acetone | 92.6 | | 1 | 1.50 | 5.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 75-15-0 | Carbon Disulfide | 16.1 | | 1 | 0.21 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 1634-04-4 | Methyl tert-butyl Ether | 18.0 | | 1 | 0.16 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 79-20-9 | Methyl Acetate | 22.5 | | 1 | 0.27 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 75-09-2 | Methylene Chloride | 19.7 | | 1 | 0.28 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 156-60-5 | trans-1,2-Dichloroethene | 16.9 | | 1 | 0.23 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 75-34-3 | 1,1-Dichloroethane | 17.2 | | 1 | 0.23 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 110-82-7 | Cyclohexane | 18.8 | | 1 | 1.50 | 5.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 78-93-3 | 2-Butanone | 82.8 | | 1 | 0.98 | 5.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 56-23-5 | Carbon Tetrachloride | 20.3 | | 1 | 0.25 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 156-59-2 | cis-1,2-Dichloroethene | 17.8 | | 1 | 0.19 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 74-97-5 | Bromochloromethane | 21.1 | | 1 | 0.22 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 67-66-3 | Chloroform | 21.7 | | 1 | 0.25 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 71-55-6 | 1,1,1-Trichloroethane | 21.0 | | 1 | 0.20 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 108-87-2 | Methylcyclohexane | 18.3 | | 1 | 0.16 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 71-43-2 | Benzene | 19.1 | | 1 | 0.15 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 107-06-2 | 1,2-Dichloroethane | 20.6 | | 1 | 0.22 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 79-01-6 | Trichloroethene | 20.3 | | 1 | 0.090 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 78-87-5 | 1,2-Dichloropropane | 21.6 | | 1 | 0.20 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 75-27-4 | Bromodichloromethane | 23.3 | | 1 | 0.22 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 108-10-1 | 4-Methyl-2-Pentanone | 120 | | 1 | 0.68 | 5.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 108-88-3 | Toluene | 22.2 | | 1 | 0.14 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 10061-02-6 | t-1,3-Dichloropropene | 22.7 | | 1 | 0.17 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 10061-01-5 | cis-1,3-Dichloropropene | 22.7 | | 1 | 0.16 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 79-00-5 | 1,1,2-Trichloroethane | 23.9 | | 1 | 0.21 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 591-78-6 | 2-Hexanone | 120 | | 1 | 0.89 | 5.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 124-48-1 | Dibromochloromethane | 23.9 | | 1 | 0.18 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 106-93-4 | 1,2-Dibromoethane | 22.7 | | 1 | 0.15 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 127-18-4 | Tetrachloroethene | 18.9 | | 1 | 0.23 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 108-90-7 | Chlorobenzene | 19.0 | | 1 | 0.12 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 100-41-4 | Ethyl Benzene | 19.3 | | 1 | 0.13 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 179601-23-1 | m/p-Xylenes | 38.8 | | 1 | 0.24 | 2.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 95-47-6 | o-Xylene | 19.2 | | 1 | 0.12 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 100-42-5 | Styrene | 20.3 | | 1 | 0.15 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VX1125WBS01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VX1125WBS01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 75-25-2 | Bromoform | 19.9 | | 1 | 0.19 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 98-82-8 | Isopropylbenzene | 19.9 | | 1 | 0.12 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.3 | | 1 | 0.26 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 541-73-1 | 1,3-Dichlorobenzene | 19.7 | | 1 | 0.16 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 106-46-7 | 1,4-Dichlorobenzene | 19.5 | | 1 | 0.19 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 95-50-1 | 1,2-Dichlorobenzene | 19.8 | | 1 | 0.16 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 20.3 | | 1 | 0.53 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 19.0 | | 1 | 0.20 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 19.1 | | 1 | 0.20 | 1.00 | ug/L | 11/25/25 11:05 | VX112525 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 51.2 | | | 70 (74) - 130 (125) | 102% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 45.9 | | | 70 (75) - 130 (124) | 92% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 50.1 | | | 70 (86) - 130 (113) | 100% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 49.1 | | | 70 (77) - 130 (121) | 98% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 153000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 255000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 234000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 119000 | | | | | | | |

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

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Fax : 908 789 8922



# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VN1201WBSD01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VN1201WBSD01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 18.9 | | 1 | 0.22 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 74-87-3 | Chloromethane | 19.4 | | 1 | 0.32 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 75-01-4 | Vinyl Chloride | 18.7 | | 1 | 0.26 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 74-83-9 | Bromomethane | 20.2 | | 1 | 1.40 | 5.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 75-00-3 | Chloroethane | 19.3 | | 1 | 0.47 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 75-69-4 | Trichlorofluoromethane | 18.7 | | 1 | 0.33 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 18.5 | | 1 | 0.25 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 75-65-0 | Tert butyl alcohol | 88.0 | | 1 | 5.50 | 25.0 | ug/L | 12/01/25 12:10 | VN120125 |
| 75-35-4 | 1,1-Dichloroethene | 18.8 | | 1 | 0.23 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 67-64-1 | Acetone | 87.0 | | 1 | 1.50 | 5.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 75-15-0 | Carbon Disulfide | 18.8 | | 1 | 0.21 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 1634-04-4 | Methyl tert-butyl Ether | 19.4 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 79-20-9 | Methyl Acetate | 19.0 | | 1 | 0.27 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 75-09-2 | Methylene Chloride | 20.2 | | 1 | 0.28 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 156-60-5 | trans-1,2-Dichloroethene | 19.6 | | 1 | 0.23 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 75-34-3 | 1,1-Dichloroethane | 19.1 | | 1 | 0.23 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 110-82-7 | Cyclohexane | 18.5 | | 1 | 1.50 | 5.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 78-93-3 | 2-Butanone | 96.2 | | 1 | 0.98 | 5.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 56-23-5 | Carbon Tetrachloride | 18.8 | | 1 | 0.25 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 156-59-2 | cis-1,2-Dichloroethene | 19.4 | | 1 | 0.19 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 74-97-5 | Bromochloromethane | 18.5 | | 1 | 0.22 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 67-66-3 | Chloroform | 19.6 | | 1 | 0.25 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 71-55-6 | 1,1,1-Trichloroethane | 19.0 | | 1 | 0.20 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 108-87-2 | Methylcyclohexane | 18.5 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 71-43-2 | Benzene | 19.1 | | 1 | 0.15 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 107-06-2 | 1,2-Dichloroethane | 19.4 | | 1 | 0.22 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 79-01-6 | Trichloroethene | 19.1 | | 1 | 0.090 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 78-87-5 | 1,2-Dichloropropane | 19.2 | | 1 | 0.20 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 75-27-4 | Bromodichloromethane | 19.3 | | 1 | 0.22 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 108-10-1 | 4-Methyl-2-Pentanone | 98.5 | | 1 | 0.68 | 5.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 108-88-3 | Toluene | 19.8 | | 1 | 0.14 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 10061-02-6 | t-1,3-Dichloropropene | 19.1 | | 1 | 0.17 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 10061-01-5 | cis-1,3-Dichloropropene | 19.5 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 79-00-5 | 1,1,2-Trichloroethane | 20.0 | | 1 | 0.21 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 591-78-6 | 2-Hexanone | 94.4 | | 1 | 0.89 | 5.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 124-48-1 | Dibromochloromethane | 20.3 | | 1 | 0.18 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 106-93-4 | 1,2-Dibromoethane | 19.9 | | 1 | 0.15 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 127-18-4 | Tetrachloroethene | 19.0 | | 1 | 0.23 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 108-90-7 | Chlorobenzene | 19.8 | | 1 | 0.12 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 100-41-4 | Ethyl Benzene | 18.9 | | 1 | 0.13 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 179601-23-1 | m/p-Xylenes | 37.8 | | 1 | 0.24 | 2.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 95-47-6 | o-Xylene | 19.2 | | 1 | 0.12 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 100-42-5 | Styrene | 19.4 | | 1 | 0.15 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |

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



# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Union | | | Date Received: | |
| Client Sample ID: | VN1201WBSD01 | | | SDG No.: | Q3715 |
| Lab Sample ID: | VN1201WBSD01 | | | Matrix: | Water |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 75-25-2 | Bromoform | 20.1 | | 1 | 0.19 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 98-82-8 | Isopropylbenzene | 19.3 | | 1 | 0.12 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 19.5 | | 1 | 0.26 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 541-73-1 | 1,3-Dichlorobenzene | 19.5 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 106-46-7 | 1,4-Dichlorobenzene | 19.0 | | 1 | 0.19 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 95-50-1 | 1,2-Dichlorobenzene | 19.0 | | 1 | 0.16 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 18.5 | | 1 | 0.53 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 18.0 | | 1 | 0.20 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 19.1 | | 1 | 0.20 | 1.00 | ug/L | 12/01/25 12:10 | VN120125 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 52.2 | | | 70 (74) - 130 (125) | 104% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 52.3 | | | 70 (75) - 130 (124) | 105% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 53.2 | | | 70 (86) - 130 (113) | 106% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 51.1 | | | 70 (77) - 130 (121) | 102% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 257000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 473000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 413000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 197000 | | | | | | | |

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3715

Instrument ID: MSVOA_N | Calibration Date(s): 11/24/2025 11/24/2025

Heated Purge: (Y/N) N | Calibration Time(s): 12:38 14:35

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN088344.D RRF005 = VN088345.D RRF020 = VN088346.D
RRF050 = VN088347.D RRF100 = VN088348.D RRF150 = VN088349.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.719 | 0.676 | 0.796 | 0.741 | 0.838 | 0.736 | 0.751 | 7.7 |
| Chloromethane | 0.911 | 0.800 | 0.805 | 0.801 | 0.759 | 0.764 | 0.807 | 6.8 |
| Vinyl Chloride | 0.804 | 0.844 | 0.856 | 0.812 | 0.837 | 0.772 | 0.821 | 3.8 |
| Bromomethane | | 0.407 | 0.392 | 0.396 | 0.387 | 0.392 | 0.395 | 1.9 |
| Chloroethane | 0.555 | 0.503 | 0.496 | 0.505 | 0.502 | 0.485 | 0.508 | 4.8 |
| Trichlorofluoromethane | 1.234 | 1.170 | 1.168 | 1.092 | 1.201 | 1.055 | 1.153 | 5.8 |
| 1,1,2-Trichlorotrifluoroethane | 0.660 | 0.635 | 0.639 | 0.564 | 0.633 | 0.553 | 0.614 | 7.2 |
| Tert butyl alcohol | | 0.151 | 0.149 | 0.161 | 0.142 | 0.148 | 0.150 | 4.6 |
| 1,1-Dichloroethene | 0.722 | 0.620 | 0.601 | 0.568 | 0.595 | 0.554 | 0.610 | 9.8 |
| Acetone | 0.412 | 0.355 | 0.322 | 0.335 | 0.305 | 0.314 | 0.341 | 11.5 |
| Carbon Disulfide | 2.061 | 2.043 | 2.043 | 1.983 | 1.996 | 1.833 | 1.993 | 4.2 |
| Methyl tert-butyl Ether | 2.126 | 2.239 | 2.245 | 2.504 | 2.265 | 2.333 | 2.285 | 5.5 |
| Methyl Acetate | 1.072 | 1.048 | 0.957 | 1.049 | 0.972 | 0.985 | 1.014 | 4.7 |
| Methylene Chloride | 0.797 | 0.752 | 0.704 | 0.756 | 0.686 | 0.678 | 0.729 | 6.4 |
| trans-1,2-Dichloroethene | 0.752 | 0.668 | 0.676 | 0.686 | 0.647 | 0.626 | 0.676 | 6.4 |
| 1,1-Dichloroethane | 1.389 | 1.431 | 1.348 | 1.427 | 1.321 | 1.286 | 1.367 | 4.3 |
| Cyclohexane | | 1.450 | 1.264 | 1.133 | 1.237 | 1.109 | 1.239 | 10.9 |
| 2-Butanone | 0.509 | 0.538 | 0.548 | 0.596 | 0.540 | 0.556 | 0.548 | 5.2 |
| Carbon Tetrachloride | 0.565 | 0.504 | 0.548 | 0.499 | 0.570 | 0.509 | 0.532 | 6 |
| cis-1,2-Dichloroethene | 0.797 | 0.801 | 0.794 | 0.829 | 0.747 | 0.744 | 0.785 | 4.2 |
| Bromochloromethane | 0.724 | 0.722 | 0.684 | 0.735 | 0.624 | 0.597 | 0.681 | 8.5 |
| Chloroform | 1.377 | 1.362 | 1.351 | 1.392 | 1.291 | 1.285 | 1.343 | 3.3 |
| 1,1,1-Trichloroethane | 1.247 | 1.219 | 1.192 | 1.158 | 1.166 | 1.104 | 1.181 | 4.3 |
| Methylcyclohexane | 0.534 | 0.542 | 0.606 | 0.527 | 0.662 | 0.561 | 0.572 | 9.1 |
| Benzene | 1.658 | 1.555 | 1.609 | 1.559 | 1.559 | 1.477 | 1.570 | 3.9 |
| 1,2-Dichloroethane | 0.583 | 0.614 | 0.596 | 0.615 | 0.597 | 0.587 | 0.599 | 2.3 |
| Trichloroethene | 0.382 | 0.385 | 0.383 | 0.357 | 0.371 | 0.348 | 0.371 | 4.1 |
| 1,2-Dichloropropane | 0.426 | 0.402 | 0.402 | 0.406 | 0.396 | 0.381 | 0.402 | 3.6 |
| Bromodichloromethane | 0.602 | 0.586 | 0.586 | 0.589 | 0.583 | 0.566 | 0.586 | 2 |
| 4-Methyl-2-Pentanone | 0.540 | 0.616 | 0.661 | 0.673 | 0.658 | 0.651 | 0.633 | 7.8 |

* 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.

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# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3715

Instrument ID: MSVOA_N | Calibration Date(s): 11/24/2025 11/24/2025

Heated Purge: (Y/N) N | Calibration Time(s): 12:38 14:35

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN088344.D RRF005 = VN088345.D RRF020 = VN088346.D
RRF050 = VN088347.D RRF100 = VN088348.D RRF150 = VN088349.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| Toluene | 0.829 | 0.885 | 0.940 | 0.913 | 0.960 | 0.911 | 0.906 | 5.1 |
| t-1,3-Dichloropropene | 0.567 | 0.553 | 0.598 | 0.631 | 0.631 | 0.625 | 0.601 | 5.7 |
| cis-1,3-Dichloropropene | 0.590 | 0.618 | 0.628 | 0.662 | 0.654 | 0.640 | 0.632 | 4.2 |
| 1,1,2-Trichloroethane | 0.350 | 0.359 | 0.364 | 0.353 | 0.341 | 0.336 | 0.351 | 3 |
| 2-Hexanone | 0.359 | 0.301 | 0.406 | 0.436 | 0.442 | 0.450 | 0.399 | 14.7 |
| Dibromochloromethane | 0.384 | 0.386 | 0.406 | 0.409 | 0.410 | 0.404 | 0.400 | 2.9 |
| 1,2-Dibromoethane | 0.304 | 0.367 | 0.364 | 0.369 | 0.367 | 0.359 | 0.355 | 7.2 |
| Tetrachloroethene | 0.426 | 0.388 | 0.413 | 0.377 | 0.407 | 0.367 | 0.396 | 5.7 |
| Chlorobenzene | 1.114 | 1.142 | 1.161 | 1.106 | 1.145 | 1.070 | 1.123 | 3 |
| Ethyl Benzene | 1.881 | 1.860 | 2.014 | 1.938 | 2.133 | 1.952 | 1.963 | 5.1 |
| m/p-Xylenes | 0.658 | 0.690 | 0.769 | 0.733 | 0.788 | 0.728 | 0.728 | 6.6 |
| o-Xylene | 0.670 | 0.619 | 0.722 | 0.696 | 0.749 | 0.708 | 0.694 | 6.5 |
| Styrene | 0.884 | 1.025 | 1.163 | 1.193 | 1.284 | 1.210 | 1.127 | 12.9 |
| Bromoform | 0.224 | 0.273 | 0.285 | 0.285 | 0.302 | 0.295 | 0.277 | 10.1 |
| Isopropylbenzene | 3.339 | 3.528 | 3.944 | 3.624 | 4.040 | 3.706 | 3.697 | 7.1 |
| 1,1,2,2-Tetrachloroethane | 1.377 | 1.218 | 1.231 | 1.127 | 1.135 | 1.082 | 1.195 | 8.9 |
| 1,3-Dichlorobenzene | 1.730 | 1.573 | 1.720 | 1.606 | 1.676 | 1.574 | 1.647 | 4.3 |
| 1,4-Dichlorobenzene | 1.747 | 1.825 | 1.786 | 1.681 | 1.702 | 1.608 | 1.725 | 4.5 |
| 1,2-Dichlorobenzene | 1.518 | 1.574 | 1.583 | 1.521 | 1.595 | 1.505 | 1.550 | 2.5 |
| 1,2-Dibromo-3-Chloropropane | 0.284 | 0.284 | 0.284 | 0.288 | 0.300 | 0.300 | 0.290 | 2.8 |
| 1,2,4-Trichlorobenzene | 0.998 | 0.864 | 0.901 | 0.889 | 0.955 | 0.917 | 0.921 | 5.3 |
| 1,2,3-Trichlorobenzene | 0.942 | 0.850 | 0.888 | 0.875 | 0.930 | 0.891 | 0.896 | 3.8 |
| 1,2-Dichloroethane-d4 | | 0.954 | 0.916 | 0.999 | 0.882 | 0.960 | 0.942 | 4.7 |
| Dibromofluoromethane | | 0.361 | 0.350 | 0.350 | 0.334 | 0.337 | 0.346 | 3.2 |
| Toluene-d8 | | 1.249 | 1.292 | 1.285 | 1.308 | 1.313 | 1.289 | 2 |
| 4-Bromofluorobenzene | | 0.402 | 0.413 | 0.448 | 0.466 | 0.482 | 0.442 | 7.7 |

* 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.

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# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3715

Instrument ID: MSVOA_X | Calibration Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N | Calibration Time(s): 13:35 16:29

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

LAB FILE ID: RRF001 = VX048516.D RRF005 = VX048517.D RRF020 = VX048518.D
RRF100 = VX048520.D RRF150 = VX048521.D RRF050 = VX048524.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF100 | RRF150 | RRF050 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.365 | 0.364 | 0.352 | 0.452 | 0.474 | 0.424 | 0.405 | 12.8 |
| Chloromethane | 0.603 | 0.457 | 0.425 | 0.581 | 0.565 | 0.592 | 0.537 | 14.2 |
| Vinyl Chloride | 0.666 | 0.579 | 0.608 | 0.601 | 0.597 | 0.600 | 0.608 | 4.9 |
| Bromomethane | | 0.468 | 0.417 | 0.323 | 0.287 | 0.426 | 0.384 | 19.8 |
| Chloroethane | 0.465 | 0.419 | 0.397 | 0.370 | 0.357 | 0.383 | 0.398 | 9.8 |
| Trichlorofluoromethane | 0.982 | 1.030 | 1.019 | 0.919 | 0.939 | 0.886 | 0.963 | 6 |
| 1,1,2-Trichlorotrifluoroethane | 0.552 | 0.556 | 0.616 | 0.546 | 0.558 | 0.515 | 0.557 | 5.9 |
| Tert butyl alcohol | | 0.129 | 0.133 | 0.132 | 0.127 | 0.138 | 0.132 | 3.2 |
| 1,1-Dichloroethene | 0.669 | 0.584 | 0.591 | 0.555 | 0.548 | 0.545 | 0.582 | 8 |
| Acetone | 0.383 | 0.318 | 0.318 | 0.317 | 0.313 | 0.330 | 0.330 | 8.1 |
| Carbon Disulfide | 2.045 | 1.739 | 1.609 | 1.468 | 1.477 | 1.489 | 1.638 | 13.7 |
| Methyl tert-butyl Ether | 2.163 | 2.158 | 2.049 | 1.984 | 1.861 | 2.117 | 2.055 | 5.7 |
| Methyl Acetate | 1.195 | 0.876 | 0.857 | 0.818 | 0.823 | 0.869 | 0.906 | 15.8 |
| Methylene Chloride | 0.845 | 0.689 | 0.663 | 0.624 | 0.595 | 0.653 | 0.678 | 13 |
| trans-1,2-Dichloroethene | 0.700 | 0.650 | 0.612 | 0.585 | 0.557 | 0.598 | 0.617 | 8.3 |
| 1,1-Dichloroethane | 1.255 | 1.247 | 1.124 | 1.083 | 1.041 | 1.102 | 1.142 | 7.8 |
| Cyclohexane | | 1.001 | 1.004 | 0.896 | 0.910 | 0.867 | 0.936 | 6.7 |
| 2-Butanone | 0.474 | 0.502 | 0.511 | 0.470 | 0.465 | 0.506 | 0.488 | 4.2 |
| Carbon Tetrachloride | 0.640 | 0.766 | 0.546 | 0.520 | 0.504 | 0.486 | 0.577 | 18.6 |
| cis-1,2-Dichloroethene | 0.888 | 0.787 | 0.737 | 0.703 | 0.684 | 0.725 | 0.754 | 9.9 |
| Bromochloromethane | 0.640 | 0.630 | 0.533 | 0.522 | 0.497 | 0.543 | 0.561 | 10.6 |
| Chloroform | 1.357 | 1.277 | 1.162 | 1.105 | 1.052 | 1.120 | 1.179 | 9.8 |
| 1,1,1-Trichloroethane | 1.160 | 1.087 | 1.026 | 0.979 | 0.947 | 0.973 | 1.029 | 7.9 |
| Methylcyclohexane | 0.585 | 0.607 | 0.558 | 0.561 | 0.592 | 0.510 | 0.569 | 6 |
| Benzene | 1.745 | 2.038 | 1.468 | 1.396 | 1.369 | 1.408 | 1.571 | 17 |
| 1,2-Dichloroethane | 0.540 | 0.721 | 0.525 | 0.489 | 0.473 | 0.481 | 0.538 | 17.3 |
| Trichloroethene | 0.423 | 0.390 | 0.356 | 0.366 | 0.363 | 0.355 | 0.375 | 7.1 |
| 1,2-Dichloropropane | 0.417 | 0.381 | 0.319 | 0.352 | 0.340 | 0.358 | 0.361 | 9.5 |
| Bromodichloromethane | 0.517 | 0.598 | 0.446 | 0.539 | 0.510 | 0.543 | 0.526 | 9.5 |
| 4-Methyl-2-Pentanone | 0.505 | 0.667 | 0.514 | 0.573 | 0.546 | 0.620 | 0.571 | 11 |

* 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.

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Fax : 908 789 8922



# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3715

Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29

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

LAB FILE ID: RRF001 = VX048516.D RRF005 = VX048517.D RRF020 = VX048518.D
RRF100 = VX048520.D RRF150 = VX048521.D RRF050 = VX048524.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF100 | RRF150 | RRF050 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| Toluene | 0.709 | 0.955 | 0.710 | 0.868 | 0.843 | 0.877 | 0.827 | 11.9 |
| t-1,3-Dichloropropene | 0.513 | 0.609 | 0.452 | 0.561 | 0.542 | 0.572 | 0.541 | 10 |
| cis-1,3-Dichloropropene | 0.472 | 0.633 | 0.481 | 0.595 | 0.578 | 0.606 | 0.561 | 12.1 |
| 1,1,2-Trichloroethane | 0.289 | 0.373 | 0.286 | 0.345 | 0.329 | 0.361 | 0.330 | 11.1 |
| 2-Hexanone | 0.360 | 0.487 | 0.390 | 0.429 | 0.416 | 0.464 | 0.425 | 11 |
| Dibromochloromethane | 0.347 | 0.468 | 0.351 | 0.428 | 0.404 | 0.436 | 0.406 | 12 |
| 1,2-Dibromoethane | 0.309 | 0.417 | 0.308 | 0.374 | 0.358 | 0.381 | 0.358 | 11.9 |
| Tetrachloroethene | 0.444 | 0.364 | 0.352 | 0.344 | 0.348 | 0.327 | 0.363 | 11.4 |
| Chlorobenzene | 1.406 | 1.245 | 1.153 | 1.112 | 1.105 | 1.101 | 1.187 | 10.1 |
| Ethyl Benzene | 2.253 | 2.045 | 1.976 | 1.899 | 1.898 | 1.887 | 1.993 | 7.1 |
| m/p-Xylenes | 0.764 | 0.793 | 0.758 | 0.736 | 0.733 | 0.720 | 0.751 | 3.5 |
| o-Xylene | 0.795 | 0.746 | 0.721 | 0.714 | 0.726 | 0.703 | 0.734 | 4.5 |
| Styrene | 1.228 | 1.256 | 1.227 | 1.226 | 1.244 | 1.210 | 1.232 | 1.3 |
| Bromoform | 0.427 | 0.350 | 0.345 | 0.359 | 0.373 | 0.348 | 0.367 | 8.4 |
| Isopropylbenzene | 3.857 | 3.727 | 3.683 | 3.551 | 3.492 | 3.466 | 3.629 | 4.2 |
| 1,1,2,2-Tetrachloroethane | 1.544 | 1.284 | 1.230 | 1.207 | 1.185 | 1.229 | 1.280 | 10.4 |
| 1,3-Dichlorobenzene | 2.076 | 1.785 | 1.686 | 1.680 | 1.668 | 1.644 | 1.756 | 9.3 |
| 1,4-Dichlorobenzene | 2.329 | 1.860 | 1.676 | 1.671 | 1.672 | 1.678 | 1.814 | 14.5 |
| 1,2-Dichlorobenzene | 1.944 | 1.695 | 1.611 | 1.627 | 1.616 | 1.624 | 1.686 | 7.7 |
| 1,2-Dibromo-3-Chloropropane | 0.304 | 0.308 | 0.294 | 0.298 | 0.285 | 0.297 | 0.297 | 2.7 |
| 1,2,4-Trichlorobenzene | 1.353 | 1.032 | 1.057 | 1.097 | 1.117 | 1.066 | 1.120 | 10.5 |
| 1,2,3-Trichlorobenzene | 1.170 | 0.973 | 0.994 | 1.049 | 1.051 | 1.016 | 1.042 | 6.7 |
| 1,2-Dichloroethane-d4 | | 0.775 | 0.723 | 0.677 | 0.623 | 0.685 | 0.697 | 8.1 |
| Dibromofluoromethane | | 0.484 | 0.374 | 0.356 | 0.327 | 0.351 | 0.378 | 16.2 |
| Toluene-d8 | | 1.341 | 1.021 | 1.210 | 1.128 | 1.202 | 1.180 | 10 |
| 4-Bromofluorobenzene | | 0.523 | 0.365 | 0.445 | 0.423 | 0.443 | 0.440 | 12.9 |

* 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.

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## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3715
Instrument ID: MSVOA_N
Calibration Date/Time: 12/01/2025 09:58
Lab File ID: VN088370.D
Init. Calib. Date(s): 11/24/2025 11/24/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:38 14:35
GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.751 | 0.815 | | 8.52 | 20 |
| Chloromethane | 0.807 | 0.858 | 0.1 | 6.32 | 20 |
| Vinyl Chloride | 0.821 | 0.851 | | 3.65 | 20 |
| Bromomethane | 0.395 | 0.408 | | 3.29 | 20 |
| Chloroethane | 0.508 | 0.525 | | 3.35 | 20 |
| Trichlorofluoromethane | 1.153 | 1.195 | | 3.64 | 20 |
| 1,1,2-Trichlorotrifluoroethane | 0.614 | 0.636 | | 3.58 | 20 |
| Tert butyl alcohol | 0.150 | 0.157 | | 4.67 | 20 |
| 1,1-Dichloroethene | 0.610 | 0.607 | | -0.49 | 20 |
| Acetone | 0.341 | 0.269 | | -21.11 | 20 |
| Carbon Disulfide | 1.993 | 2.083 | | 4.52 | 20 |
| Methyl tert-butyl Ether | 2.285 | 2.626 | | 14.92 | 20 |
| Methyl Acetate | 1.014 | 1.108 | | 9.27 | 20 |
| Methylene Chloride | 0.729 | 0.791 | | 8.51 | 20 |
| trans-1,2-Dichloroethene | 0.676 | 0.724 | | 7.1 | 20 |
| 1,1-Dichloroethane | 1.367 | 1.456 | 0.1 | 6.51 | 20 |
| Cyclohexane | 1.239 | 1.285 | | 3.71 | 20 |
| 2-Butanone | 0.548 | 0.541 | | -1.28 | 20 |
| Carbon Tetrachloride | 0.532 | 0.584 | | 9.77 | 20 |
| cis-1,2-Dichloroethene | 0.785 | 0.861 | | 9.68 | 20 |
| Bromochloromethane | 0.681 | 0.672 | | -1.32 | 20 |
| Chloroform | 1.343 | 1.443 | | 7.45 | 20 |
| 1,1,1-Trichloroethane | 1.181 | 1.220 | | 3.3 | 20 |
| Methylcyclohexane | 0.572 | 0.664 | | 16.08 | 20 |
| Benzene | 1.570 | 1.738 | | 10.7 | 20 |
| 1,2-Dichloroethane | 0.599 | 0.676 | | 12.85 | 20 |
| Trichloroethene | 0.371 | 0.415 | | 11.86 | 20 |
| 1,2-Dichloropropane | 0.402 | 0.453 | | 12.69 | 20 |
| Bromodichloromethane | 0.586 | 0.670 | | 14.33 | 20 |
| 4-Methyl-2-Pentanone | 0.633 | 0.747 | | 18.01 | 20 |
| Toluene | 0.906 | 1.034 | | 14.13 | 20 |
| t-1,3-Dichloropropene | 0.601 | 0.701 | | 16.64 | 20 |
| cis-1,3-Dichloropropene | 0.632 | 0.748 | | 18.35 | 20 |
| 1,1,2-Trichloroethane | 0.351 | 0.400 | | 13.96 | 20 |
| 2-Hexanone | 0.399 | 0.458 | | 14.79 | 20 |
| Dibromochloromethane | 0.400 | 0.464 | | 16 | 20 |
| 1,2-Dibromoethane | 0.355 | 0.413 | | 16.34 | 20 |
| Tetrachloroethene | 0.396 | 0.425 | | 7.32 | 20 |

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

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



# VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3715
Instrument ID: MSVOA_N
Calibration Date/Time: 12/01/2025 09:58
Lab File ID: VN088370.D
Init. Calib. Date(s): 11/24/2025 11/24/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:38 14:35
GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Chlorobenzene | 1.123 | 1.242 | 0.3 | 10.6 | 20 |
| Ethyl Benzene | 1.963 | 2.187 | | 11.41 | 20 |
| m/p-Xylenes | 0.728 | 0.816 | | 12.09 | 20 |
| o-Xylene | 0.694 | 0.778 | | 12.1 | 20 |
| Styrene | 1.127 | 1.336 | | 18.55 | 20 |
| Bromoform | 0.277 | 0.337 | 0.1 | 21.66 | 20 |
| Isopropylbenzene | 3.697 | 4.179 | | 13.04 | 20 |
| 1,1,2,2-Tetrachloroethane | 1.195 | 1.313 | 0.3 | 9.87 | 20 |
| 1,3-Dichlorobenzene | 1.647 | 1.852 | | 12.45 | 20 |
| 1,4-Dichlorobenzene | 1.725 | 1.901 | | 10.2 | 20 |
| 1,2-Dichlorobenzene | 1.550 | 1.757 | | 13.35 | 20 |
| 1,2-Dibromo-3-Chloropropane | 0.290 | 0.317 | | 9.31 | 20 |
| 1,2,4-Trichlorobenzene | 0.921 | 1.042 | | 13.14 | 20 |
| 1,2,3-Trichlorobenzene | 0.896 | 0.989 | | 10.38 | 20 |
| 1,2-Dichloroethane-d4 | 0.942 | 0.958 | | 1.7 | 20 |
| Dibromofluoromethane | 0.346 | 0.377 | | 8.96 | 20 |
| Toluene-d8 | 1.289 | 1.356 | | 5.2 | 20 |
| 4-Bromofluorobenzene | 0.442 | 0.472 | | 6.79 | 20 |

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

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Fax : 908 789 8922



## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3715
Instrument ID: MSVOA_X
Calibration Date/Time: 11/25/2025 09:48
Lab File ID: VX048672.D
Init. Calib. Date(s): 11/07/2025 11/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 13:35 16:29
GC Column: DB-624UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.405 | 0.413 | | 1.98 | 20 |
| Chloromethane | 0.537 | 0.483 | 0.1 | -10.06 | 20 |
| Vinyl Chloride | 0.608 | 0.527 | | -13.32 | 20 |
| Bromomethane | 0.384 | 0.368 | | -4.17 | 20 |
| Chloroethane | 0.398 | 0.346 | | -13.06 | 20 |
| Trichlorofluoromethane | 0.963 | 0.919 | | -4.57 | 20 |
| 1,1,2-Trichlorotrifluoroethane | 0.557 | 0.610 | | 9.52 | 20 |
| Tert butyl alcohol | 0.132 | 0.165 | | 25 | 20 |
| 1,1-Dichloroethene | 0.582 | 0.575 | | -1.2 | 20 |
| Acetone | 0.330 | 0.314 | | -4.85 | 20 |
| Carbon Disulfide | 1.638 | 1.321 | | -19.35 | 20 |
| Methyl tert-butyl Ether | 2.055 | 2.362 | | 14.94 | 20 |
| Methyl Acetate | 0.906 | 1.064 | | 17.44 | 20 |
| Methylene Chloride | 0.678 | 0.693 | | 2.21 | 20 |
| trans-1,2-Dichloroethene | 0.617 | 0.606 | | -1.78 | 20 |
| 1,1-Dichloroethane | 1.142 | 1.173 | 0.1 | 2.71 | 20 |
| Cyclohexane | 0.936 | 0.866 | | -7.48 | 20 |
| 2-Butanone | 0.488 | 0.538 | | 10.25 | 20 |
| Carbon Tetrachloride | 0.577 | 0.548 | | -5.03 | 20 |
| cis-1,2-Dichloroethene | 0.754 | 0.757 | | 0.4 | 20 |
| Bromochloromethane | 0.561 | 0.864 | | 54.01 | 20 |
| Chloroform | 1.179 | 1.265 | | 7.29 | 20 |
| 1,1,1-Trichloroethane | 1.029 | 1.095 | | 6.41 | 20 |
| Methylcyclohexane | 0.569 | 0.528 | | -7.21 | 20 |
| Benzene | 1.571 | 1.400 | | -10.89 | 20 |
| 1,2-Dichloroethane | 0.538 | 0.542 | | 0.74 | 20 |
| Trichloroethene | 0.375 | 0.353 | | -5.87 | 20 |
| 1,2-Dichloropropane | 0.361 | 0.377 | | 4.43 | 20 |
| Bromodichloromethane | 0.526 | 0.600 | | 14.07 | 20 |
| 4-Methyl-2-Pentanone | 0.571 | 0.690 | | 20.84 | 20 |
| Toluene | 0.827 | 0.885 | | 7.01 | 20 |
| t-1,3-Dichloropropene | 0.541 | 0.605 | | 11.83 | 20 |
| cis-1,3-Dichloropropene | 0.561 | 0.636 | | 13.37 | 20 |
| 1,1,2-Trichloroethane | 0.330 | 0.390 | | 18.18 | 20 |
| 2-Hexanone | 0.425 | 0.503 | | 18.35 | 20 |
| Dibromochloromethane | 0.406 | 0.481 | | 18.47 | 20 |
| 1,2-Dibromoethane | 0.358 | 0.410 | | 14.52 | 20 |
| Tetrachloroethene | 0.363 | 0.366 | | 0.83 | 20 |

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

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Fax : 908 789 8922



## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3715

Instrument ID: MSVOA_X | Calibration Date/Time: 11/25/2025 09:48

Lab File ID: VX048672.D | Init. Calib. Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 13:35 16:29

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Chlorobenzene | 1.187 | 1.213 | 0.3 | 2.19 | 20 |
| Ethyl Benzene | 1.993 | 2.042 | | 2.46 | 20 |
| m/p-Xylenes | 0.751 | 0.787 | | 4.79 | 20 |
| o-Xylene | 0.734 | 0.771 | | 5.04 | 20 |
| Styrene | 1.232 | 1.356 | | 10.06 | 20 |
| Bromoform | 0.367 | 0.411 | 0.1 | 11.99 | 20 |
| Isopropylbenzene | 3.629 | 3.740 | | 3.06 | 20 |
| 1,1,2,2-Tetrachloroethane | 1.280 | 1.355 | 0.3 | 5.86 | 20 |
| 1,3-Dichlorobenzene | 1.756 | 1.782 | | 1.48 | 20 |
| 1,4-Dichlorobenzene | 1.814 | 1.826 | | 0.66 | 20 |
| 1,2-Dichlorobenzene | 1.686 | 1.755 | | 4.09 | 20 |
| 1,2-Dibromo-3-Chloropropane | 0.297 | 0.273 | | -8.08 | 20 |
| 1,2,4-Trichlorobenzene | 1.120 | 1.092 | | -2.5 | 20 |
| 1,2,3-Trichlorobenzene | 1.042 | 1.065 | | 2.21 | 20 |
| 1,2-Dichloroethane-d4 | 0.697 | 0.662 | | -5.02 | 20 |
| Dibromofluoromethane | 0.378 | 0.318 | | -15.87 | 20 |
| Toluene-d8 | 1.180 | 1.034 | | -12.37 | 20 |
| 4-Bromofluorobenzene | 0.440 | 0.397 | | -9.77 | 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Quant Time: Nov 26 00:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

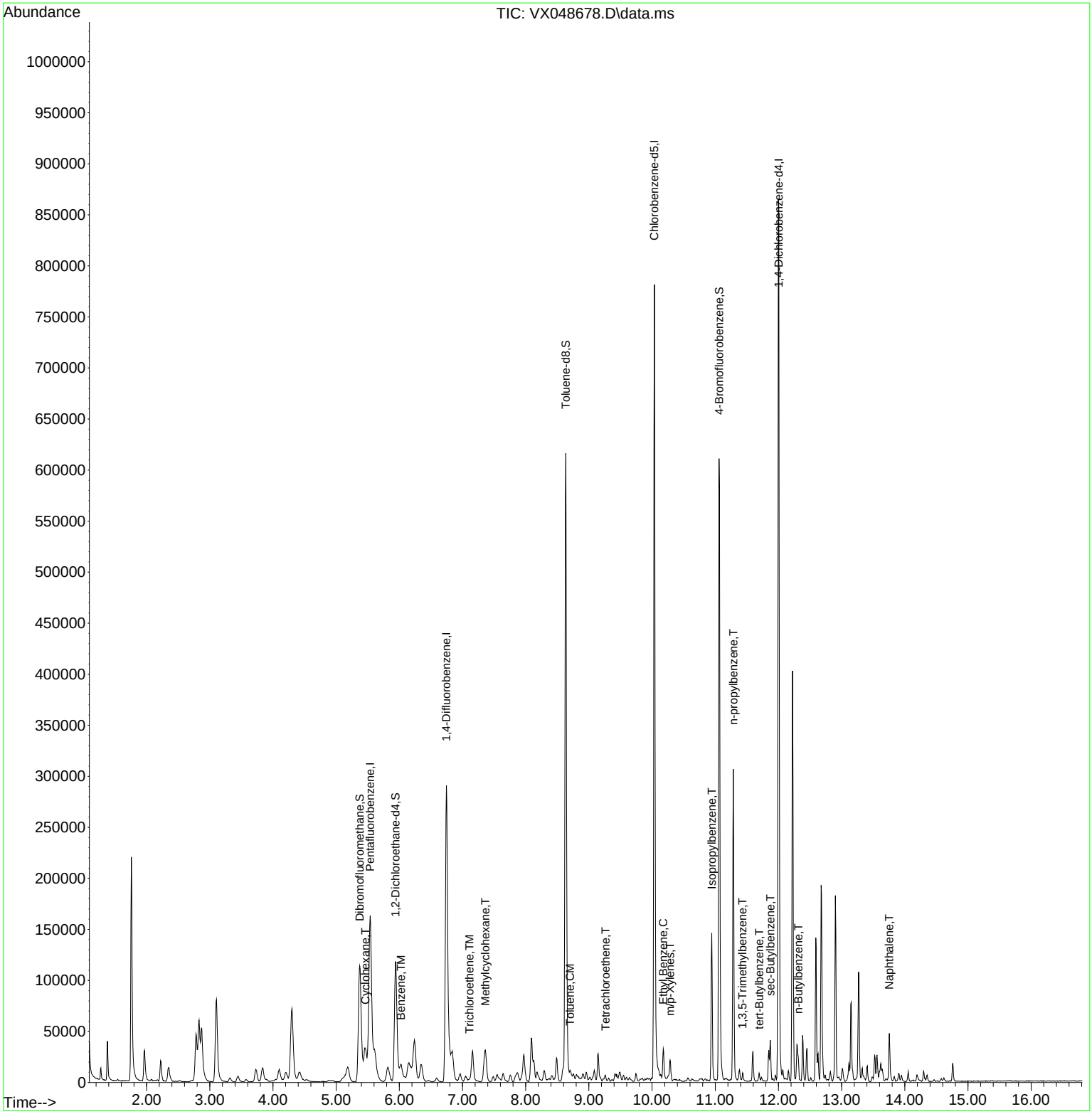
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 172027 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 315243 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 370755 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 198932 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 126147 | 52.626 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 105.260% | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 112968 | 47.347 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 94.700% | | | |
| 50) Toluene-d8 | 8.635 | 98 | 398167 | 53.507 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 107.020% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 174996 | 63.103 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 126.200%# | | | |
| Target Compounds | | | | | | Qvalue |
| 31) Cyclohexane | 5.465 | 56 | 21434 | 6.659 | ug/l # | 93 |
| 39) Methylcyclohexane | 7.361 | 83 | 12603 | 3.513 | ug/l | 93 |
| 40) Benzene | 6.025 | 78 | 18541 | 1.872 | ug/l | 98 |
| 44) Trichloroethene | 7.111 | 130 | 1188 | 0.502 | ug/l | 83 |
| 52) Toluene | 8.702 | 92 | 2566 | 0.492 | ug/l | 99 |
| 64) Tetrachloroethene | 9.263 | 164 | 1180 | 0.438 | ug/l # | 79 |
| 67) Ethyl Benzene | 10.177 | 91 | 19781 | 1.339 | ug/l | 95 |
| 68) m/p-Xylenes | 10.287 | 106 | 4699 | 0.844 | ug/l | 90 |
| 73) Isopropylbenzene | 10.945 | 105 | 75615 | 5.237 | ug/l | 98 |
| 78) n-propylbenzene | 11.287 | 91 | 188783 | 11.119 | ug/l | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 3073 | 0.261 | ug/l | 97 |
| 83) tert-Butylbenzene | 11.695 | 119 | 2942 | 0.242 | ug/l | 83 |
| 85) sec-Butylbenzene | 11.872 | 105 | 20574 | 1.367 | ug/l | 96 |
| 89) n-Butylbenzene | 12.317 | 91 | 11693 | 0.985 | ug/l # | 75 |
| 95) Naphthalene | 13.756 | 128 | 29896 | 2.086 | ug/l # | 97 |

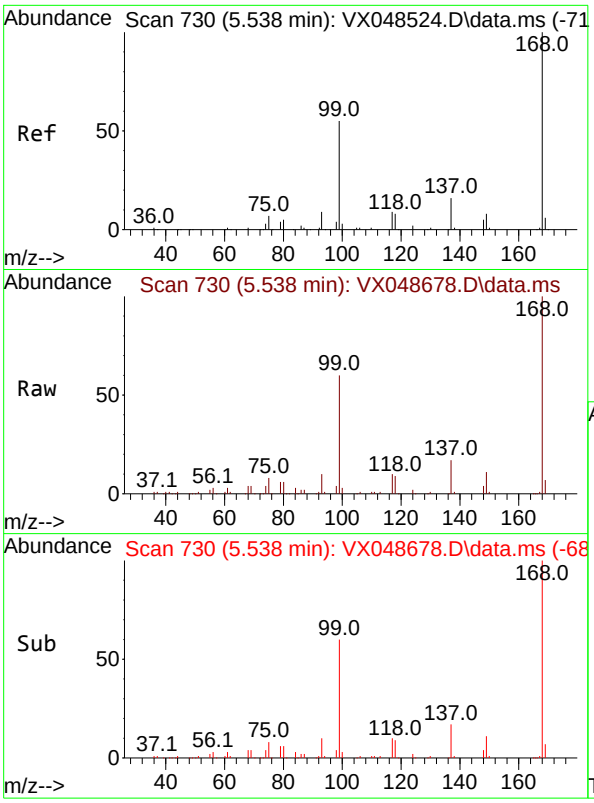
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Quant Time: Nov 26 00:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



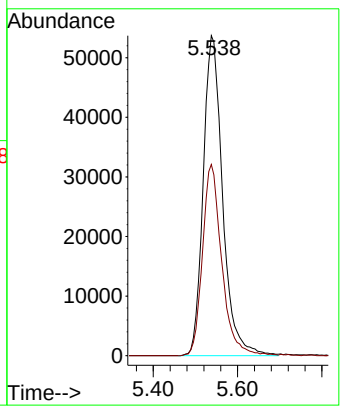


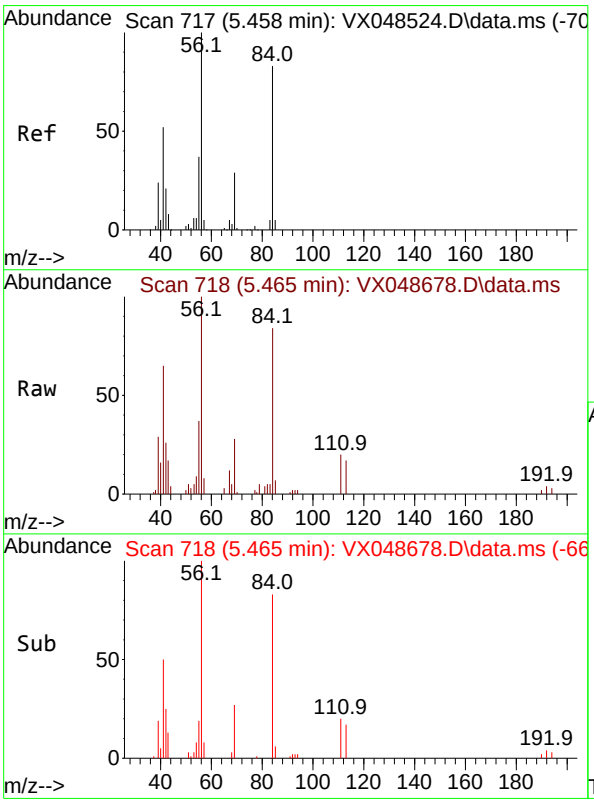

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion:168 Resp: 172027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.8 | 45.2 | 67.8 |

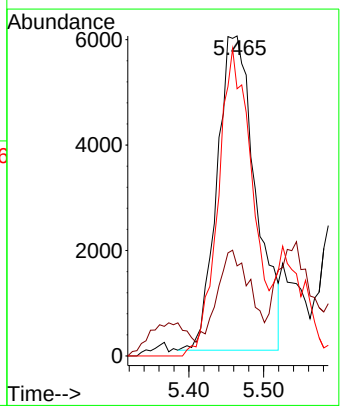


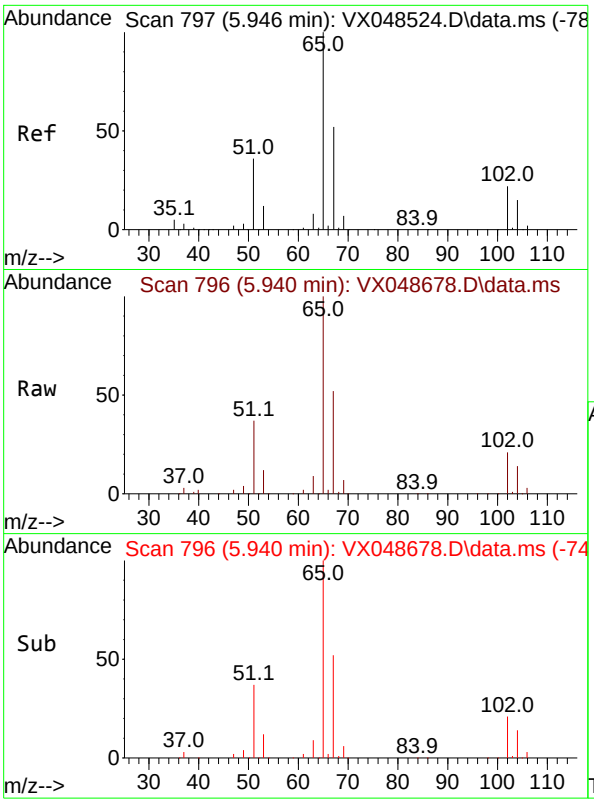




#31
Cyclohexane
Concen: 6.659 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion: 56 Resp: 21434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 18.1 | 23.4 | 35.2# |
| 84 | 85.0 | 66.3 | 99.5 |



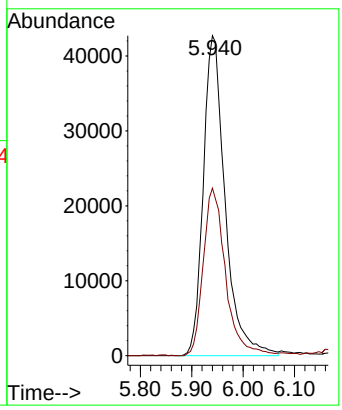


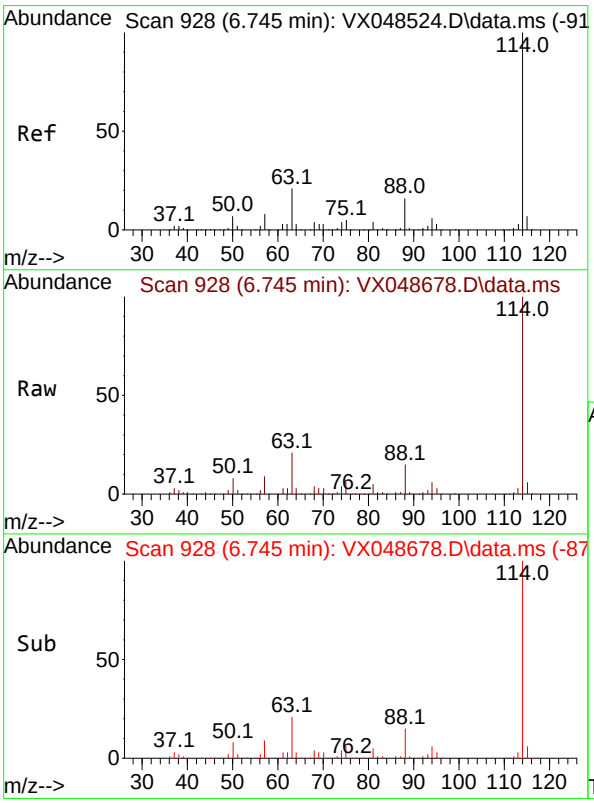

#33
1,2-Dichloroethane-d4
Concen: 52.626 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion: 65 Resp: 126147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.4 | 0.0 | 106.2 |

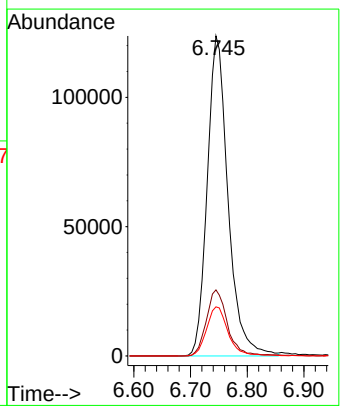


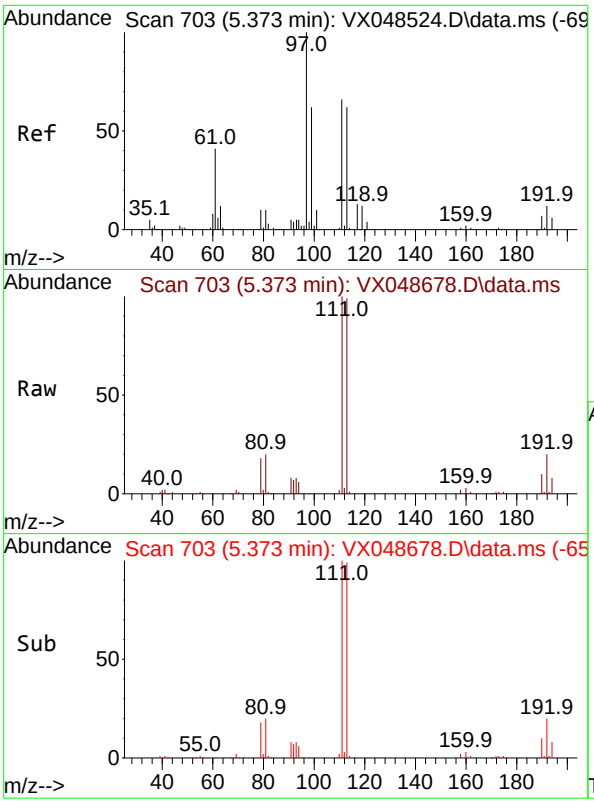




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion:114 Resp: 315243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.6 | 0.0 | 41.2 |
| 88 | 15.4 | 0.0 | 32.2 |



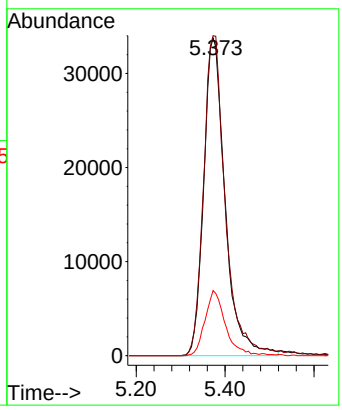


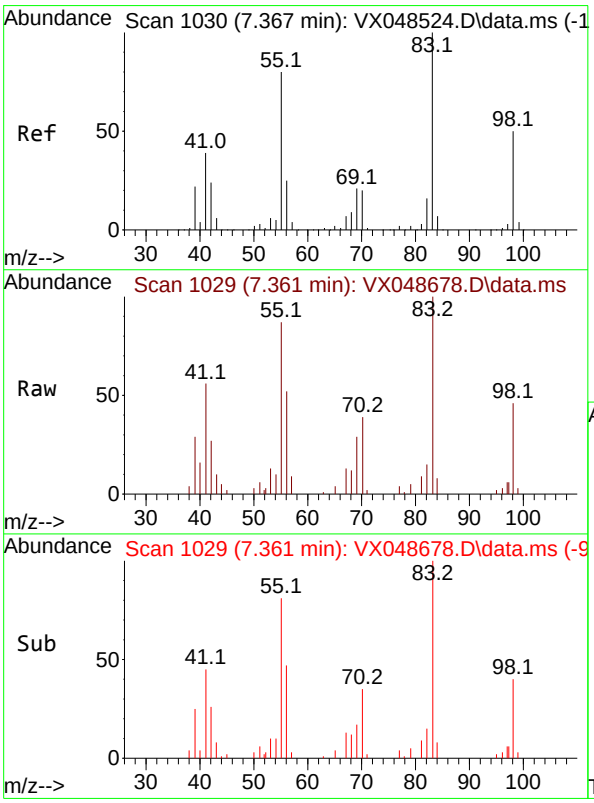

#35
Dibromofluoromethane
Concen: 47.347 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion:113 Resp: 112968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.3 | 81.9 | 122.9 |
| 192 | 19.5 | 15.8 | 23.6 |

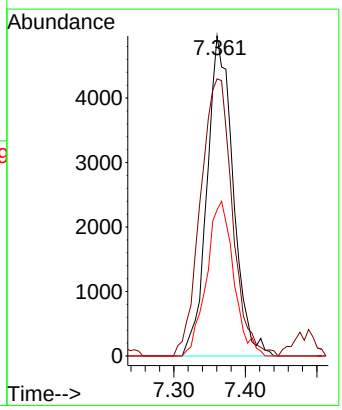


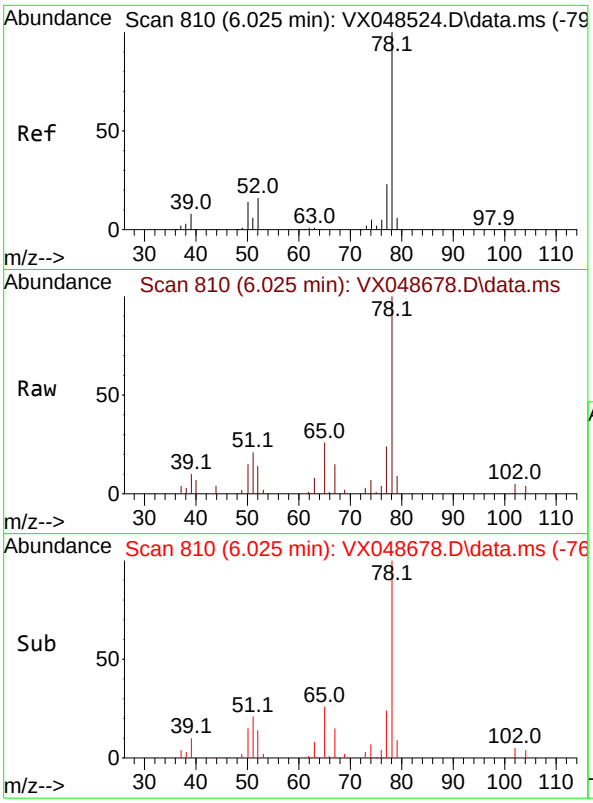




#39
Methylcyclohexane
Concen: 3.513 ug/l
RT: 7.361 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion: 83 Resp: 12603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 86.6 | 63.8 | 95.6 |
| 98 | 45.6 | 40.3 | 60.5 |



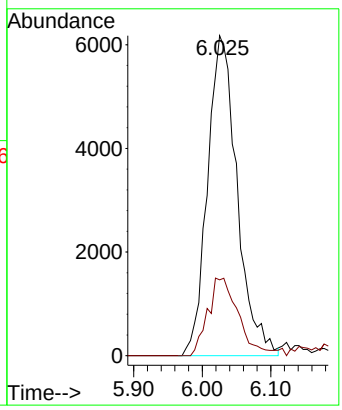


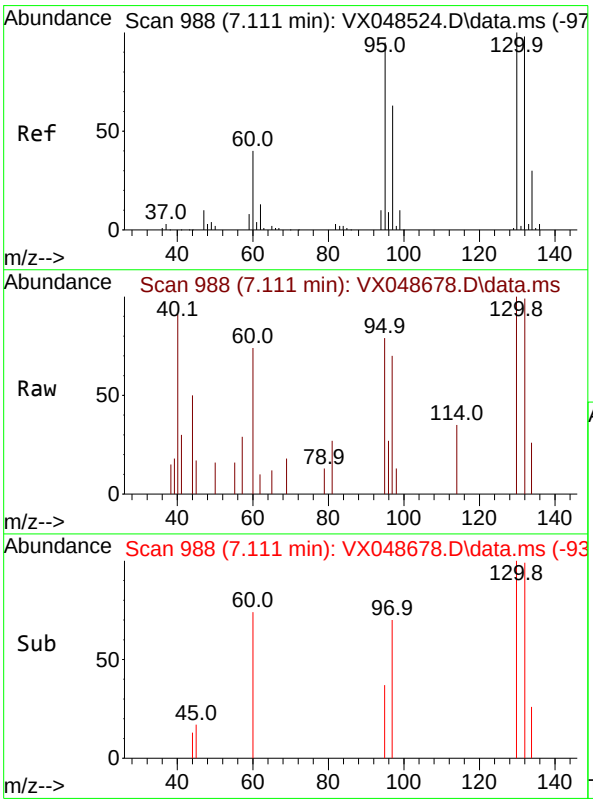

#40
Benzene
Concen: 1.872 ug/l
RT: 6.025 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion: 78 Resp: 18541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 18.3 | 27.5 |

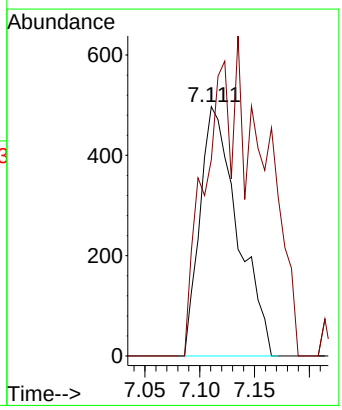


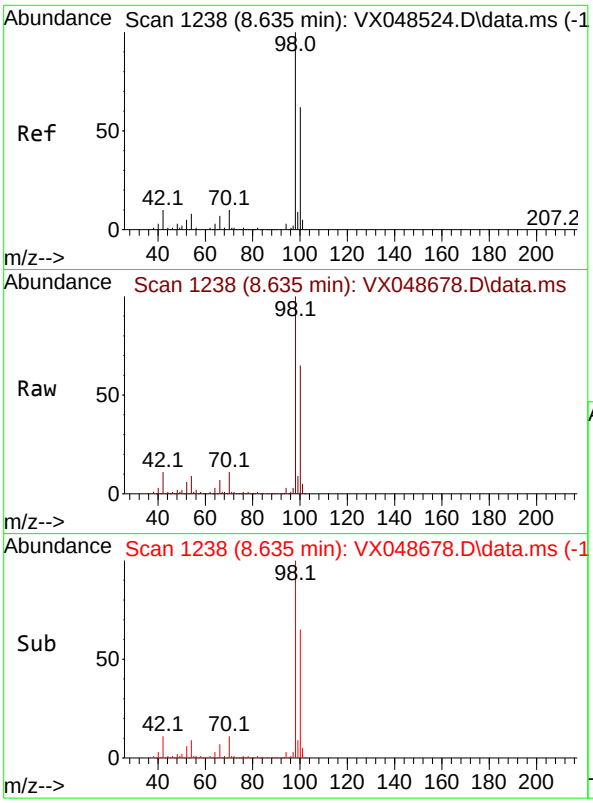




#44
Trichloroethene
Concen: 0.502 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion:130 Resp: 1188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 78.7 | 0.0 | 190.2 |



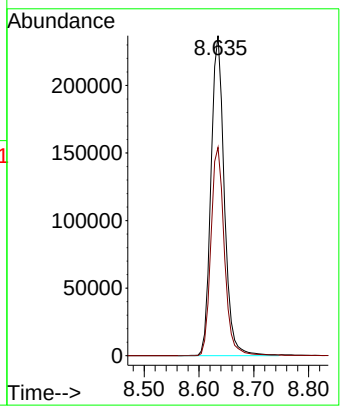


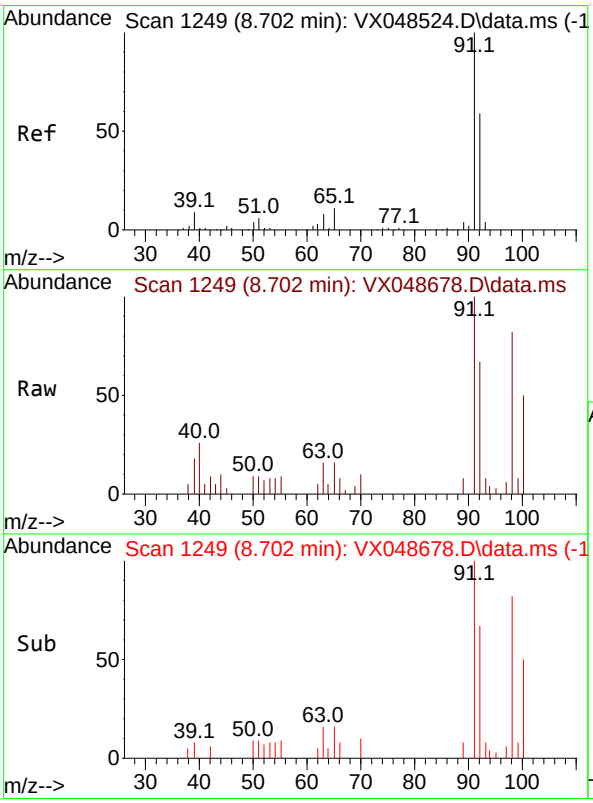

#50
Toluene-d8
Concen: 53.507 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion: 98 Resp: 398167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 53.6 | 80.4 |

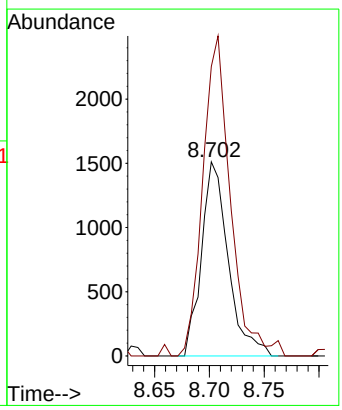


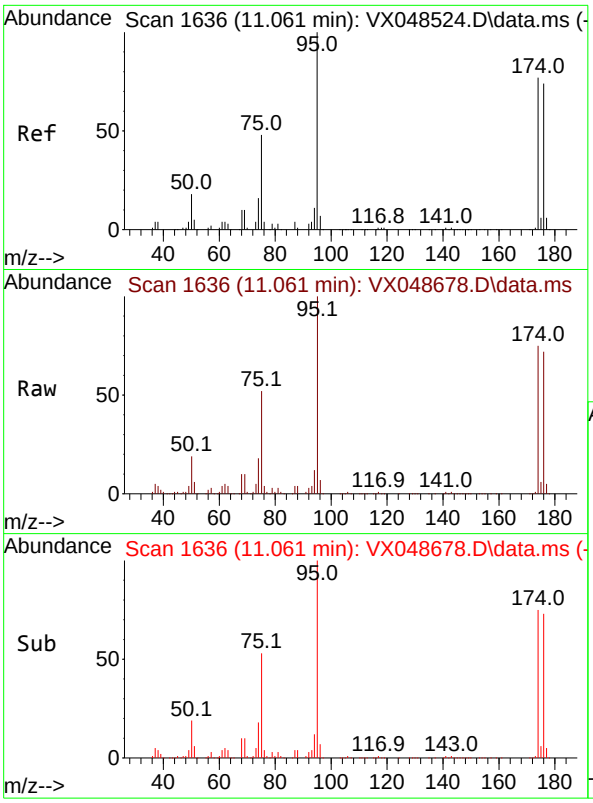




#52
Toluene
Concen: 0.492 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion: 92 Resp: 2566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.1 | 137.0 | 205.6 |



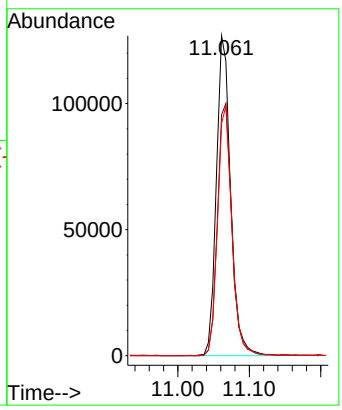


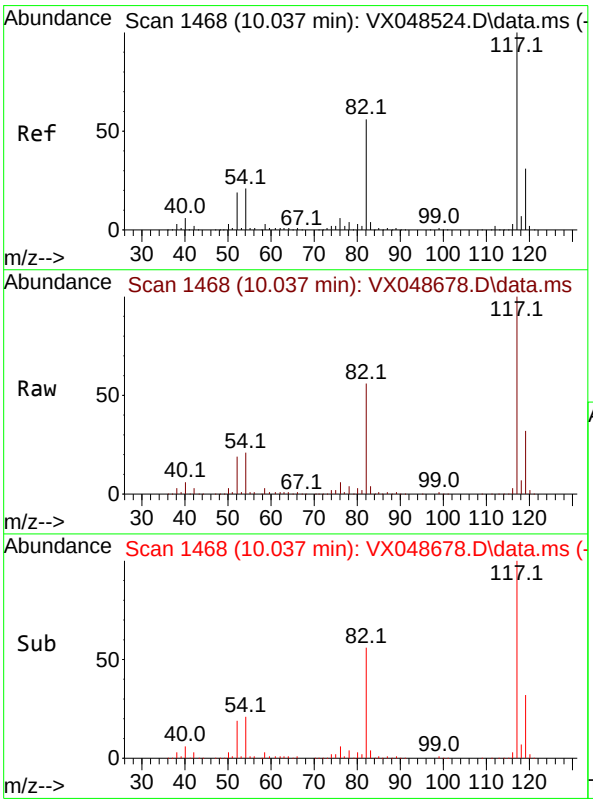

#62
4-Bromofluorobenzene
Concen: 63.103 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion: 95 Resp: 174996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.6 | 0.0 | 161.8 |
| 176 | 78.4 | 0.0 | 153.6 |

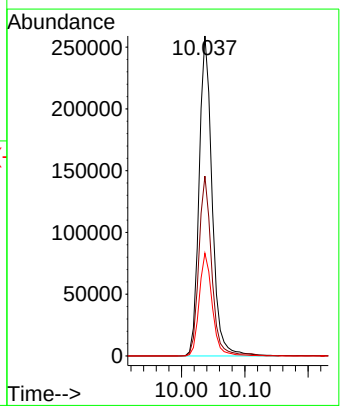


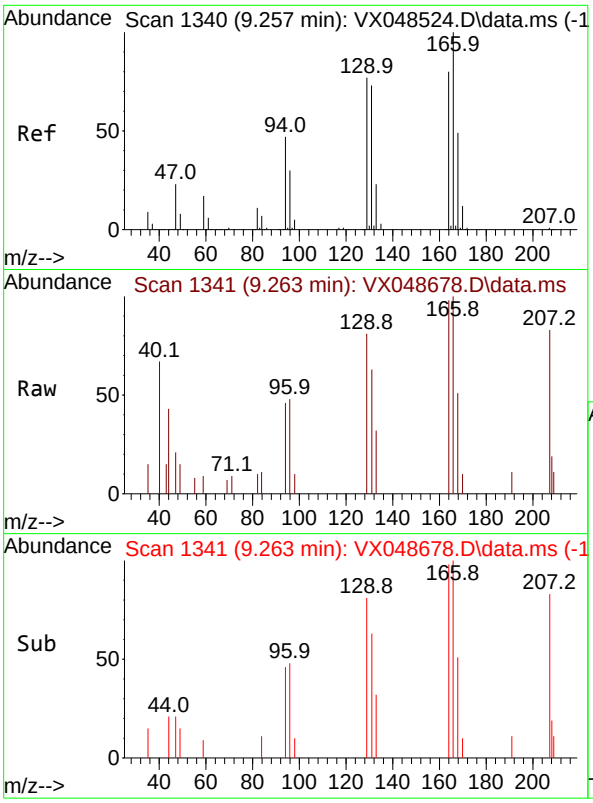




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion:117 Resp: 370755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.2 | 44.4 | 66.6 |
| 119 | 32.1 | 25.1 | 37.7 |



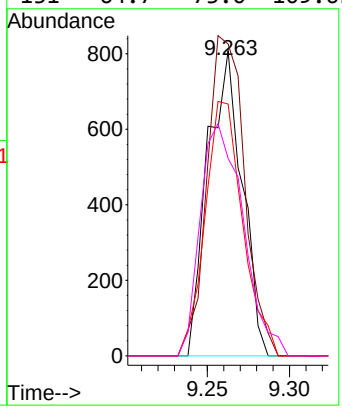


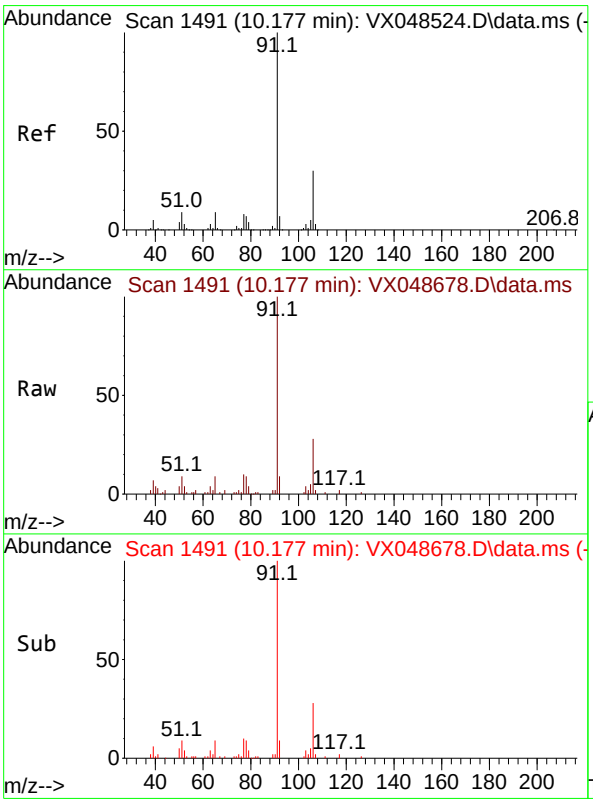

#64
Tetrachloroethene
Concen: 0.438 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion:164 Resp: 1180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 102.2 | 100.6 | 150.8 |
| 129 | 82.5 | 77.6 | 116.4 |
| 131 | 64.7 | 73.0 | 109.6# |

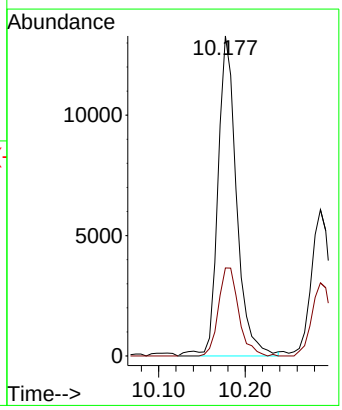


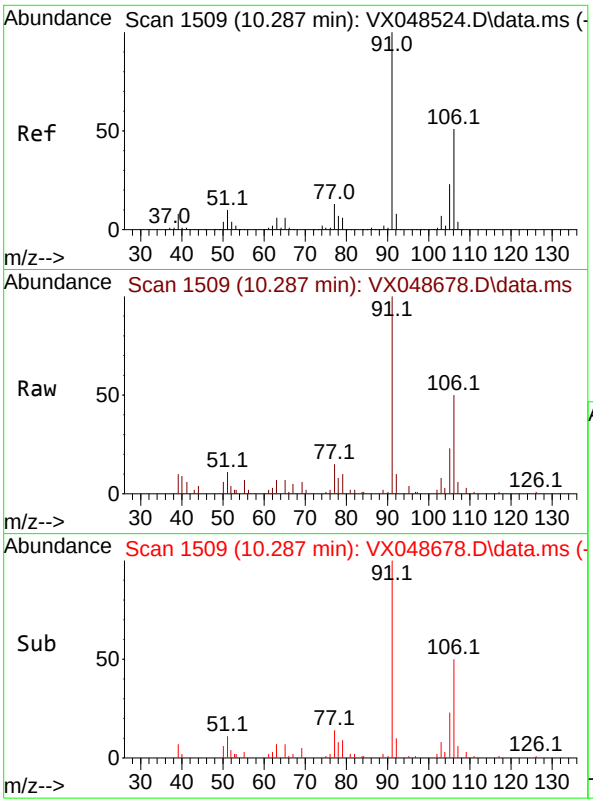




#67
Ethyl Benzene
Concen: 1.339 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion: 91 Resp: 19781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 27.5 | 24.1 | 36.1 |



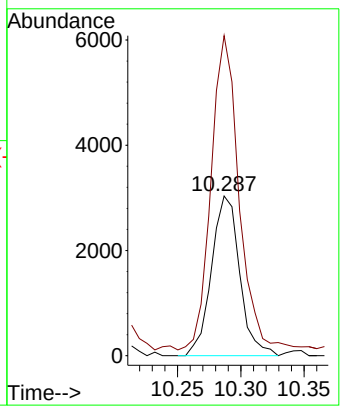


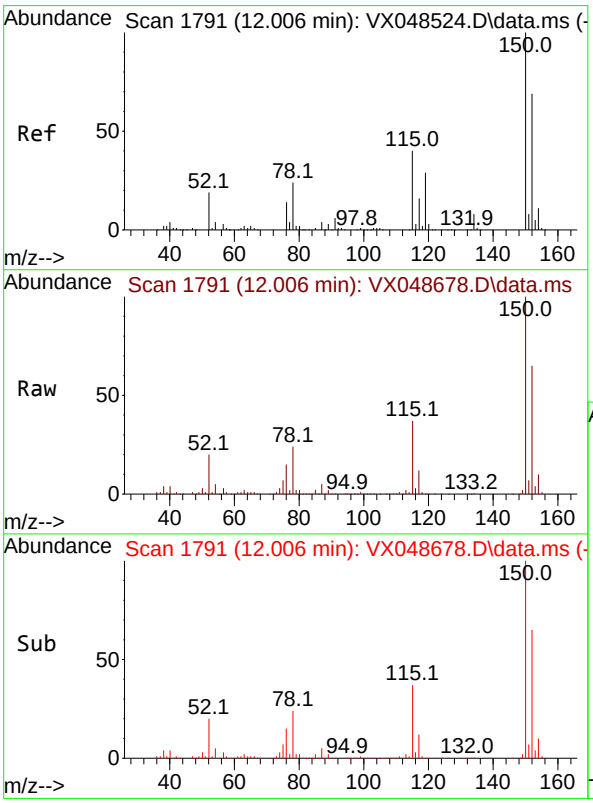

#68
m/p-Xylenes
Concen: 0.844 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion:106 Resp: 4699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.5 | 159.6 | 239.4 |

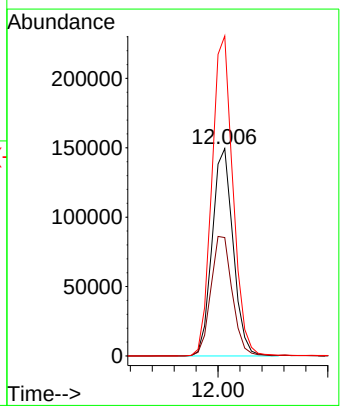


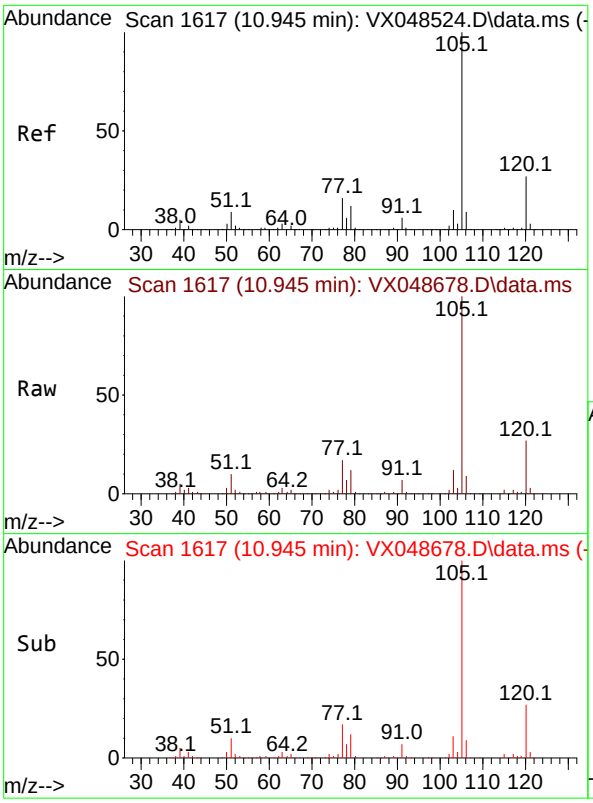




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion:152 Resp: 198932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.6 | 39.2 | 117.6 |
| 150 | 155.1 | 0.0 | 347.0 |



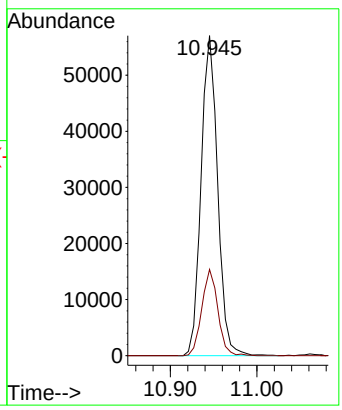


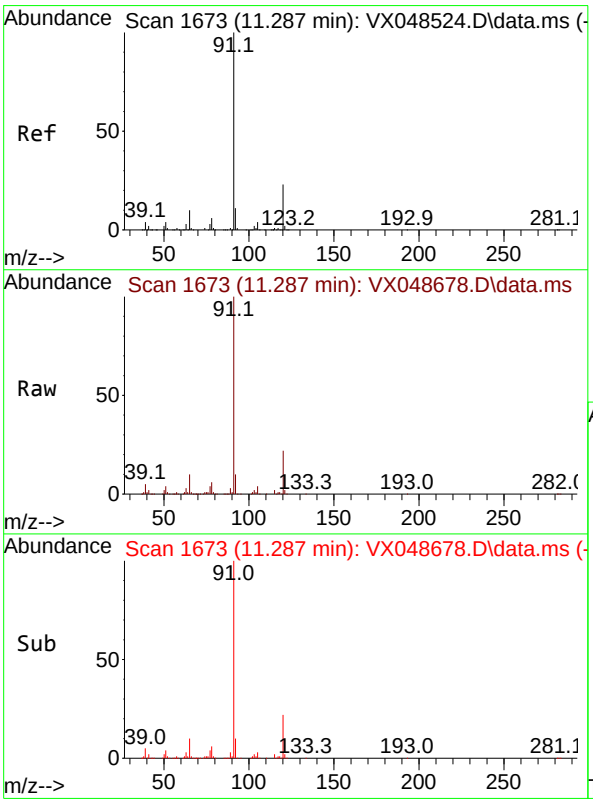

#73
Isopropylbenzene
Concen: 5.237 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion:105 Resp: 75615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.1 | 13.6 | 40.7 |

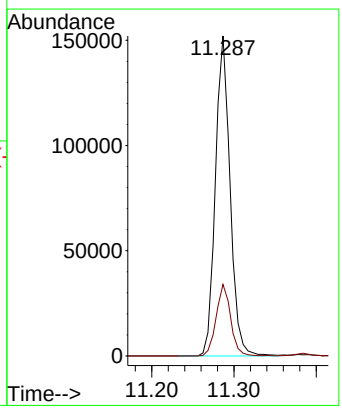


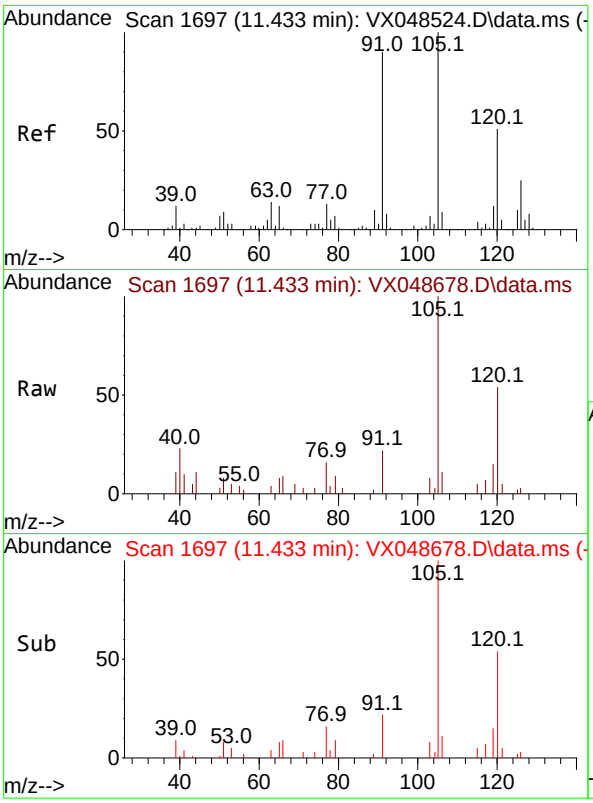




#78
n-propylbenzene
Concen: 11.119 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion: 91 Resp: 188783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.0 | 11.6 | 34.8 |



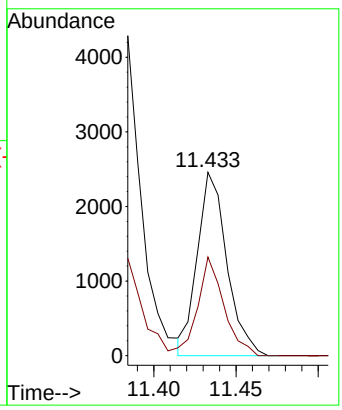


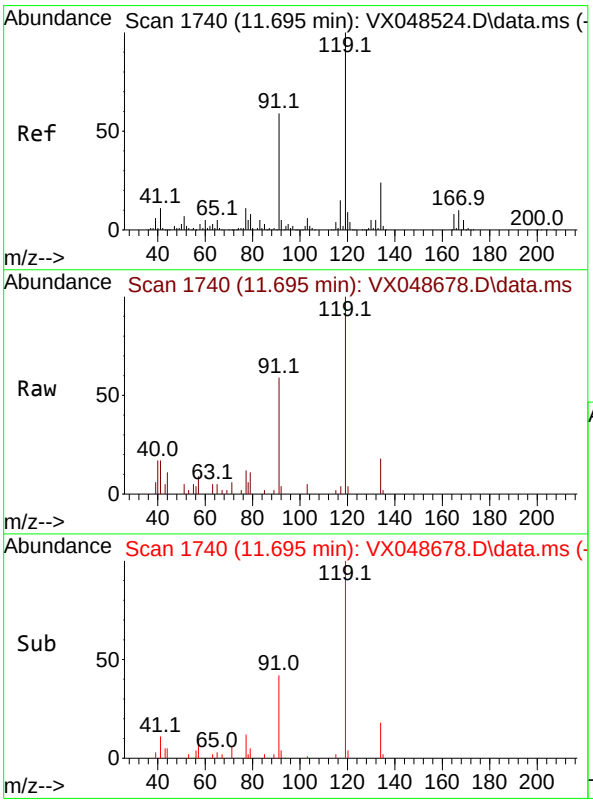

#80
1,3,5-Trimethylbenzene
Concen: 0.261 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion:105 Resp: 3073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.3 | 25.1 | 75.2 |

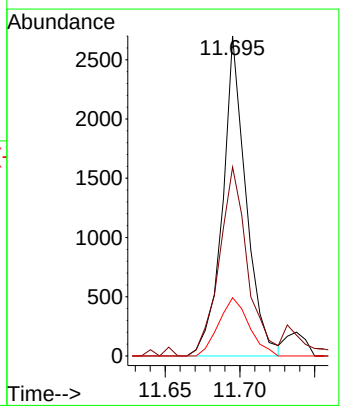


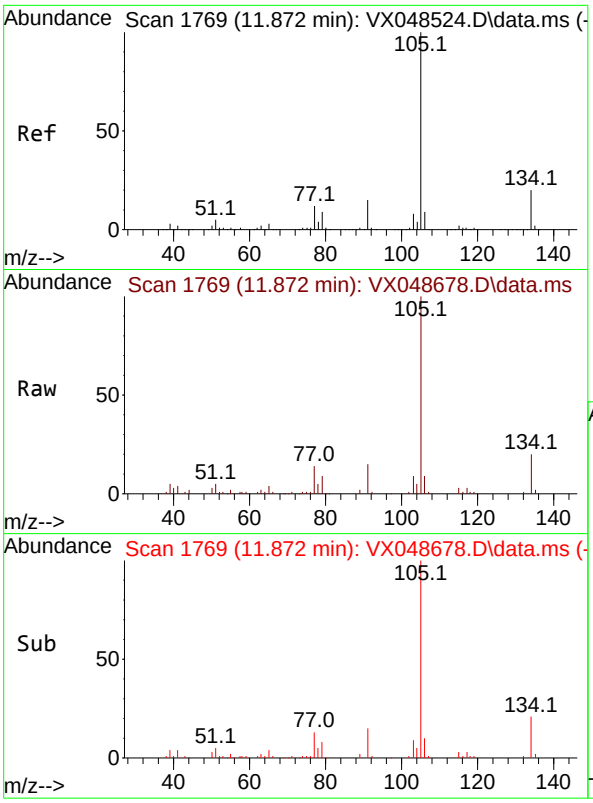




#83
tert-Butylbenzene
Concen: 0.242 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion:119 Resp: 2942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 71.0 | 27.1 | 81.3 |
| 134 | 23.5 | 11.4 | 34.1 |



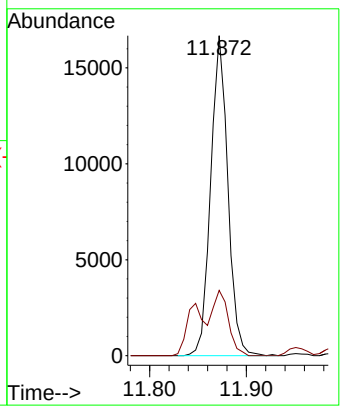


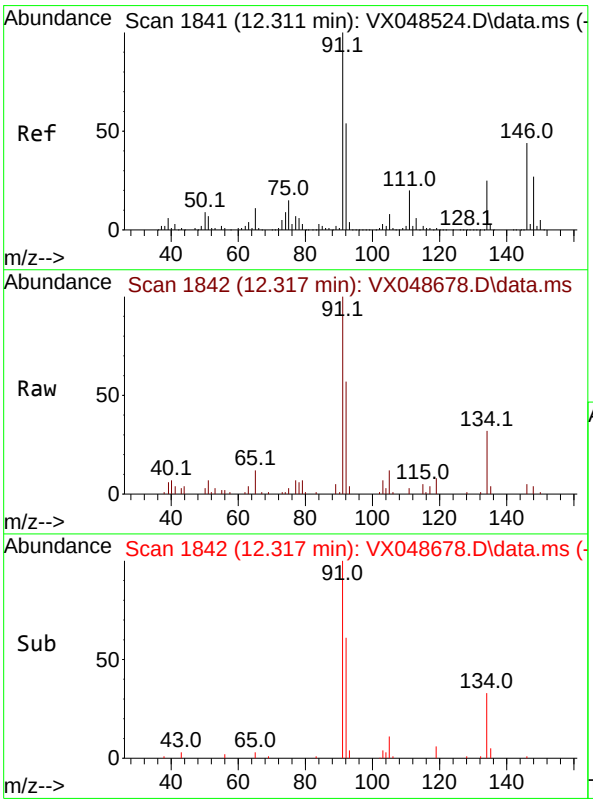

#85
sec-Butylbenzene
Concen: 1.367 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion:105 Resp: 20574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.6 | 10.2 | 30.4 |

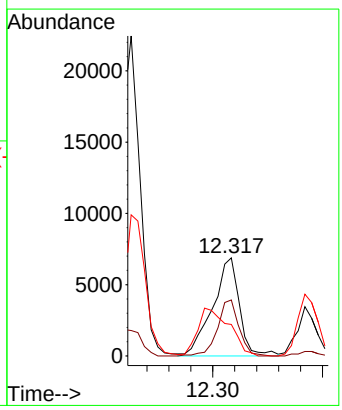


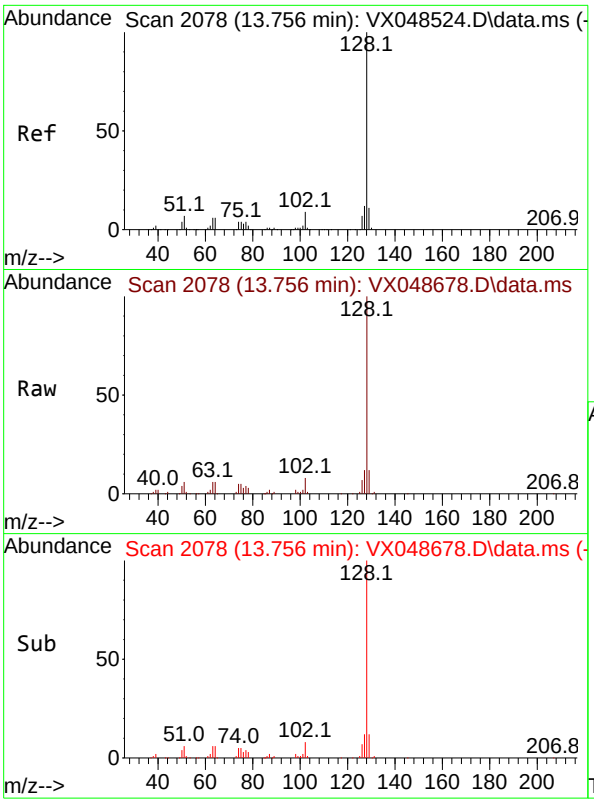




#89
n-Butylbenzene
Concen: 0.985 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

Tgt Ion: 91 Resp: 11693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 45.7 | 27.2 | 81.5 |
| 134 | 0.0 | 13.0 | 39.0# |



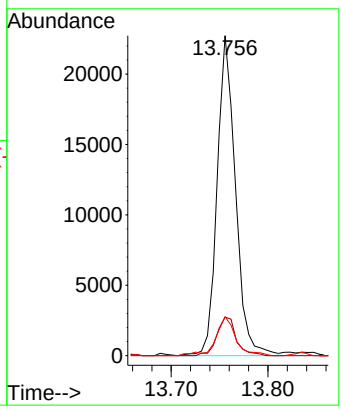



#95
Naphthalene
Concen: 2.086 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048678.D
Acq: 25 Nov 2025 12:39

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Tgt Ion:128 Resp: 29896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 10.1 | 15.1 |
| 129 | 13.2 | 8.7 | 13.1# |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048678.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.276 | 27 | 31 | 39 | rVB | 11743 | 14729 | 1.23% | 0.126% |
| 2 | 1.380 | 43 | 48 | 60 | rBV | 38379 | 47158 | 3.94% | 0.405% |
| 3 | 1.758 | 102 | 110 | 125 | rBV | 219269 | 349046 | 29.15% | 2.997% |
| 4 | 1.965 | 139 | 144 | 158 | rBV2 | 29561 | 54586 | 4.56% | 0.469% |
| 5 | 2.221 | 181 | 186 | 193 | rBV | 20001 | 34987 | 2.92% | 0.300% |
| 6 | 2.349 | 200 | 207 | 217 | rBV2 | 13594 | 33788 | 2.82% | 0.290% |
| 7 | 2.782 | 270 | 278 | 282 | rBV | 45868 | 107458 | 8.97% | 0.923% |
| 8 | 2.831 | 282 | 286 | 289 | rVV | 59187 | 122187 | 10.20% | 1.049% |
| 9 | 2.867 | 289 | 292 | 311 | rVB2 | 52030 | 127738 | 10.67% | 1.097% |
| 10 | 3.105 | 321 | 331 | 348 | rBV | 80750 | 205427 | 17.15% | 1.764% |
| 11 | 3.447 | 379 | 387 | 393 | rBV4 | 5586 | 13575 | 1.13% | 0.117% |
| 12 | 3.727 | 425 | 433 | 443 | rBV3 | 12049 | 31672 | 2.64% | 0.272% |
| 13 | 3.837 | 443 | 451 | 461 | rBV3 | 12796 | 35268 | 2.95% | 0.303% |
| 14 | 4.099 | 486 | 494 | 501 | rBV4 | 10154 | 24644 | 2.06% | 0.212% |
| 15 | 4.203 | 505 | 511 | 518 | rVV3 | 7097 | 19285 | 1.61% | 0.166% |
| 16 | 4.300 | 518 | 527 | 539 | rVV2 | 69579 | 209621 | 17.50% | 1.800% |
| 17 | 4.416 | 540 | 546 | 555 | rVB5 | 7218 | 21952 | 1.83% | 0.189% |
| 18 | 5.184 | 650 | 672 | 686 | rBV6 | 14548 | 69718 | 5.82% | 0.599% |
| 19 | 5.373 | 693 | 703 | 712 | rBV | 113391 | 364981 | 30.48% | 3.134% |
| 20 | 5.452 | 712 | 716 | 722 | rVV4 | 30645 | 93577 | 7.81% | 0.804% |
| 21 | 5.538 | 722 | 730 | 764 | rVB | 162436 | 627501 | 52.40% | 5.389% |
| 22 | 5.818 | 764 | 776 | 787 | rBV6 | 14078 | 48252 | 4.03% | 0.414% |
| 23 | 5.940 | 787 | 796 | 806 | rBV | 116780 | 332504 | 27.77% | 2.855% |
| 24 | 6.153 | 822 | 831 | 837 | rBV5 | 14673 | 54321 | 4.54% | 0.466% |
| 25 | 6.239 | 838 | 845 | 855 | rVV3 | 38499 | 120658 | 10.08% | 1.036% |
| 26 | 6.342 | 856 | 862 | 874 | rVB4 | 16644 | 51198 | 4.28% | 0.440% |
| 27 | 6.745 | 919 | 928 | 939 | rBV | 289871 | 772544 | 64.51% | 6.634% |
| 28 | 6.964 | 956 | 964 | 972 | rVB3 | 7287 | 17511 | 1.46% | 0.150% |
| 29 | 7.159 | 986 | 996 | 1006 | rVB2 | 29321 | 72845 | 6.08% | 0.626% |
| 30 | 7.361 | 1017 | 1029 | 1041 | rBV5 | 31147 | 94960 | 7.93% | 0.815% |
| 31 | 7.549 | 1054 | 1060 | 1070 | rBV5 | 6029 | 16322 | 1.36% | 0.140% |
| 32 | 7.641 | 1070 | 1075 | 1087 | rVB3 | 7997 | 19238 | 1.61% | 0.165% |
| 33 | 7.757 | 1087 | 1094 | 1100 | rBV3 | 6531 | 13628 | 1.14% | 0.117% |
| 34 | 7.867 | 1100 | 1112 | 1119 | rBV9 | 8916 | 30785 | 2.57% | 0.264% |
| 35 | 7.970 | 1119 | 1129 | 1142 | rVB3 | 26288 | 69434 | 5.80% | 0.596% |
| 36 | 8.092 | 1142 | 1149 | 1153 | rBV | 42903 | 91585 | 7.65% | 0.786% |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

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_X\Method\82X110725W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.177 | 1160 | 1163 | 1171 | rVB6 | 7282 | 15241 | 1.27% | 0.131% |
| 38 | 8.293 | 1176 | 1182 | 1190 | rBV5 | 9594 | 20066 | 1.68% | 0.172% |
| 39 | 8.488 | 1208 | 1214 | 1224 | rVB3 | 22875 | 44688 | 3.73% | 0.384% |
| 40 | 8.635 | 1224 | 1238 | 1247 | rBV | 615207 | 1080193 | 90.20% | 9.276% |
| 41 | 8.958 | 1287 | 1291 | 1296 | rVB3 | 7367 | 12024 | 1.00% | 0.103% |
| 42 | 9.086 | 1305 | 1312 | 1317 | rBV4 | 9595 | 18166 | 1.52% | 0.156% |
| 43 | 9.147 | 1317 | 1322 | 1332 | rVB | 26870 | 49802 | 4.16% | 0.428% |
| 44 | 9.415 | 1361 | 1366 | 1369 | rBV | 6938 | 12201 | 1.02% | 0.105% |
| 45 | 9.482 | 1374 | 1377 | 1384 | rVB6 | 7726 | 16104 | 1.34% | 0.138% |
| 46 | 9.744 | 1413 | 1420 | 1426 | rBV4 | 7572 | 13033 | 1.09% | 0.112% |
| 47 | 10.037 | 1462 | 1468 | 1483 | rBV | 778036 | 1126097 | 94.04% | 9.670% |
| 48 | 10.177 | 1487 | 1491 | 1499 | rVV | 30557 | 48470 | 4.05% | 0.416% |
| 49 | 10.287 | 1500 | 1509 | 1515 | rVB | 19919 | 38725 | 3.23% | 0.333% |
| 50 | 10.945 | 1611 | 1617 | 1625 | rBV | 144892 | 193164 | 16.13% | 1.659% |
| 51 | 11.061 | 1631 | 1636 | 1649 | rBV | 608617 | 857679 | 71.62% | 7.365% |
| 52 | 11.287 | 1668 | 1673 | 1683 | rVB | 304597 | 382509 | 31.94% | 3.285% |
| 53 | 11.384 | 1683 | 1689 | 1694 | rVV | 10772 | 17291 | 1.44% | 0.148% |
| 54 | 11.598 | 1719 | 1724 | 1731 | rVB | 28969 | 40828 | 3.41% | 0.351% |
| 55 | 11.848 | 1758 | 1765 | 1767 | rBV | 30396 | 42114 | 3.52% | 0.362% |
| 56 | 11.872 | 1767 | 1769 | 1773 | rVB | 38855 | 41907 | 3.50% | 0.360% |
| 57 | 12.000 | 1785 | 1790 | 1799 | rBV | 862830 | 1197513 | 100.00% | 10.284% |
| 58 | 12.158 | 1813 | 1816 | 1821 | rVB | 10234 | 13168 | 1.10% | 0.113% |
| 59 | 12.225 | 1821 | 1827 | 1834 | rBV2 | 402032 | 524551 | 43.80% | 4.505% |
| 60 | 12.293 | 1834 | 1838 | 1849 | rVV2 | 35679 | 73453 | 6.13% | 0.631% |
| 61 | 12.384 | 1849 | 1853 | 1859 | rVV | 44705 | 56505 | 4.72% | 0.485% |
| 62 | 12.451 | 1859 | 1864 | 1870 | rVB2 | 32016 | 46899 | 3.92% | 0.403% |
| 63 | 12.591 | 1880 | 1887 | 1891 | rBV | 140820 | 182488 | 15.24% | 1.567% |
| 64 | 12.628 | 1891 | 1893 | 1897 | rVV2 | 25546 | 27236 | 2.27% | 0.234% |
| 65 | 12.677 | 1897 | 1901 | 1909 | rVV | 190046 | 265851 | 22.20% | 2.283% |
| 66 | 12.823 | 1920 | 1925 | 1931 | rVB2 | 9321 | 14021 | 1.17% | 0.120% |
| 67 | 12.902 | 1931 | 1938 | 1944 | rBV | 181907 | 226796 | 18.94% | 1.948% |
| 68 | 13.012 | 1951 | 1956 | 1964 | rVB3 | 12593 | 22704 | 1.90% | 0.195% |
| 69 | 13.116 | 1964 | 1973 | 1975 | rBV3 | 17768 | 27626 | 2.31% | 0.237% |
| 70 | 13.152 | 1975 | 1979 | 1987 | rVB | 76164 | 106767 | 8.92% | 0.917% |
| 71 | 13.268 | 1987 | 1998 | 2004 | rBV2 | 106072 | 156639 | 13.08% | 1.345% |
| 72 | 13.408 | 2016 | 2021 | 2025 | rVB2 | 14920 | 21259 | 1.78% | 0.183% |
| 73 | 13.524 | 2036 | 2040 | 2043 | rBV | 23643 | 31446 | 2.63% | 0.270% |
| 74 | 13.561 | 2043 | 2046 | 2050 | rVB3 | 21677 | 27126 | 2.27% | 0.233% |
| 75 | 13.622 | 2050 | 2056 | 2058 | rBV2 | 12940 | 21147 | 1.77% | 0.182% |
| 76 | 13.756 | 2072 | 2078 | 2087 | rVB | 46305 | 62799 | 5.24% | 0.539% |

Sample Results: **VX048678.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

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_X\Method\82X110725W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.902 | 2094 | 2102 | 2106 | rBV4 | 7624 | 12158 | 1.02% | 0.104% |
| 78 | 14.298 | 2162 | 2167 | 2173 | rBV3 | 10027 | 16215 | 1.35% | 0.139% |
| 79 | 14.762 | 2238 | 2243 | 2251 | rBV | 17531 | 25639 | 2.14% | 0.220% |

Sum of corrected areas: 11644991

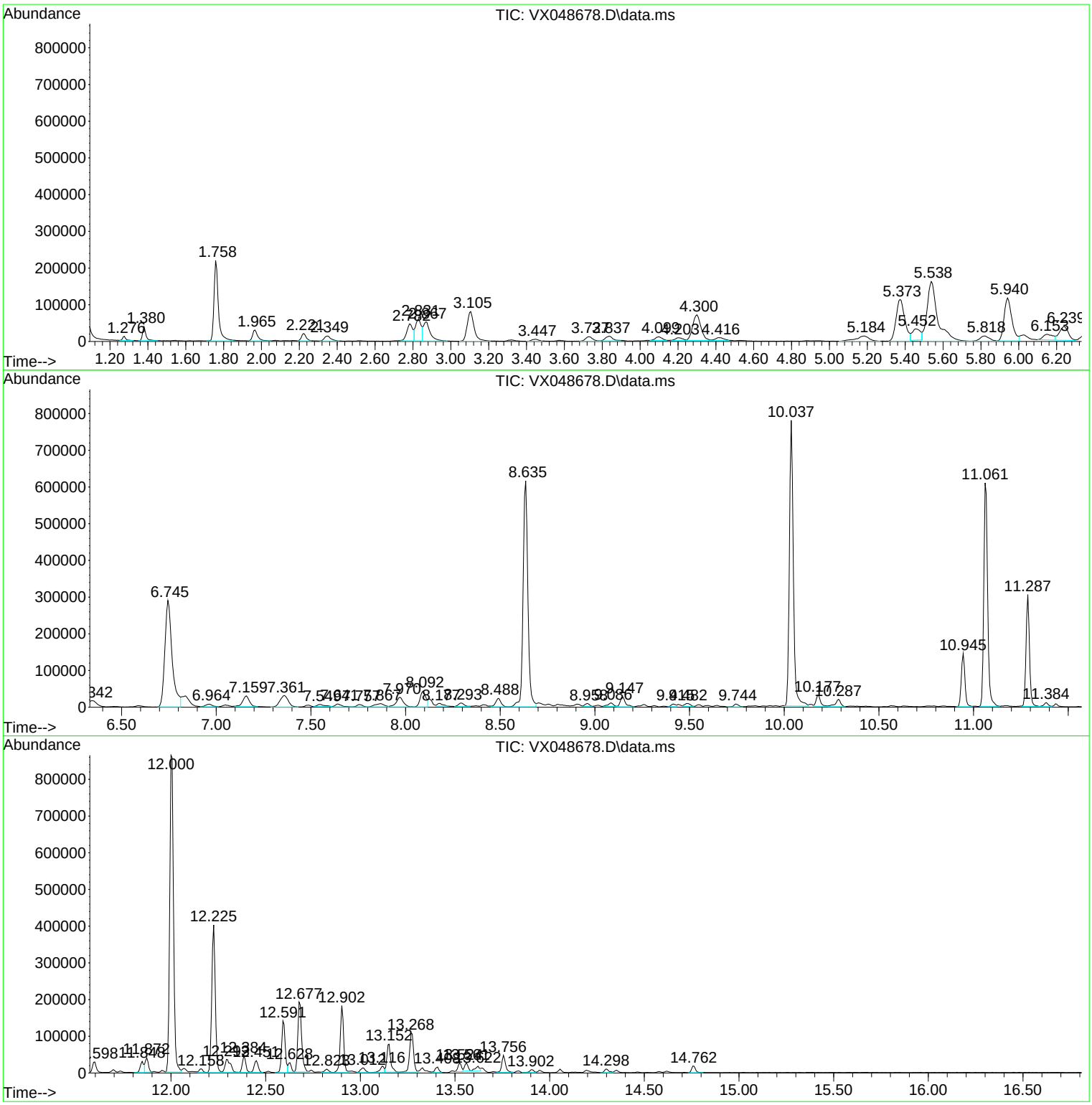
Sample Results: **VX048678.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

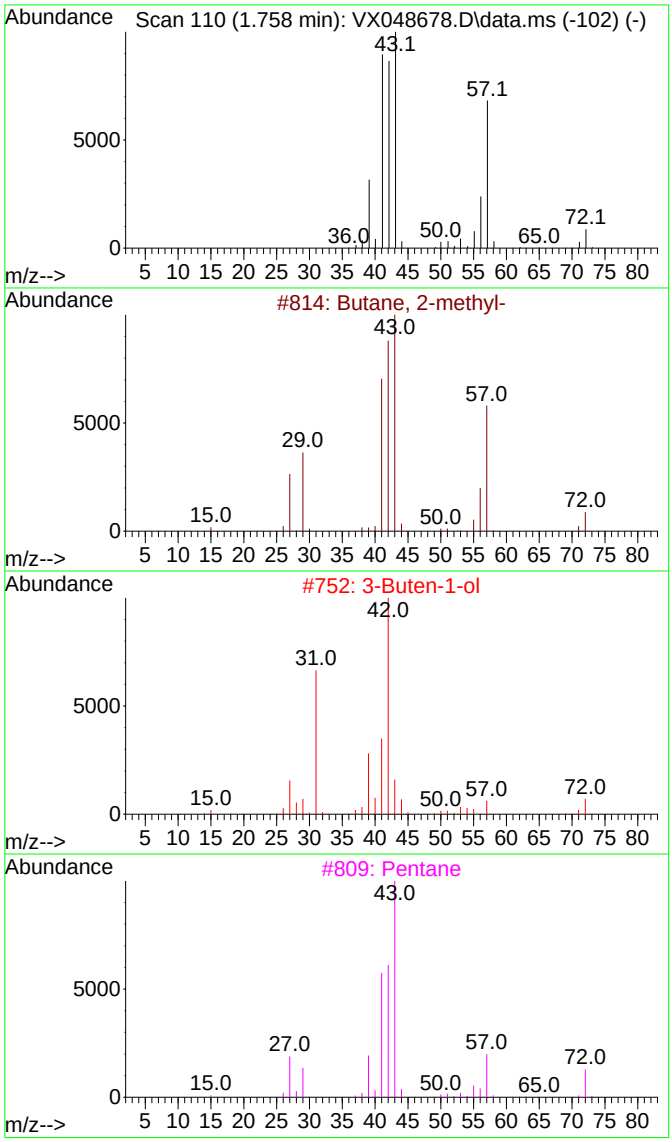
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

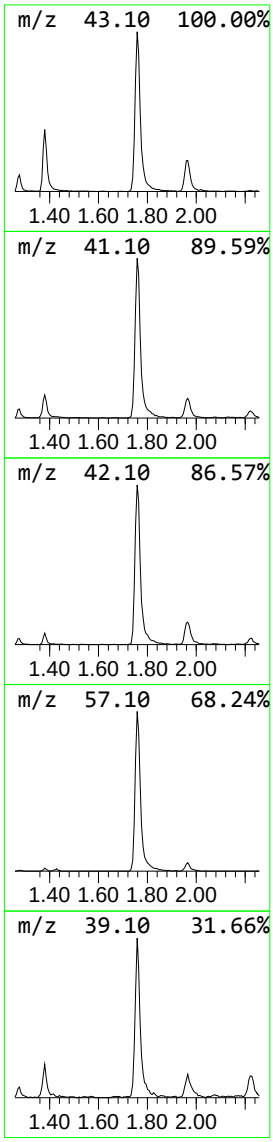
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.758 | 27.81 ug/l | 349046 | Pentafluorobenzene | 5.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 90 |
| 2 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 38 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 36 |
| 4 | 1-Butene | 56 | C4H8 | 000106-98-9 | 14 |
| 5 | 3-Buten-2-ol | 72 | C4H8O | 000598-32-3 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

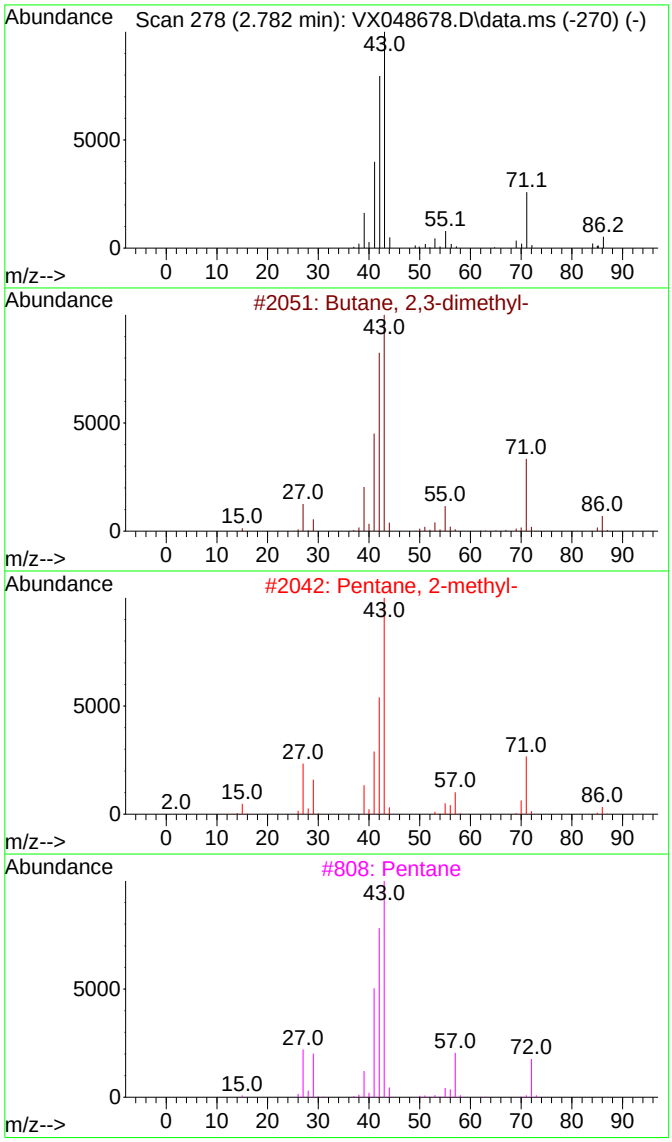
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

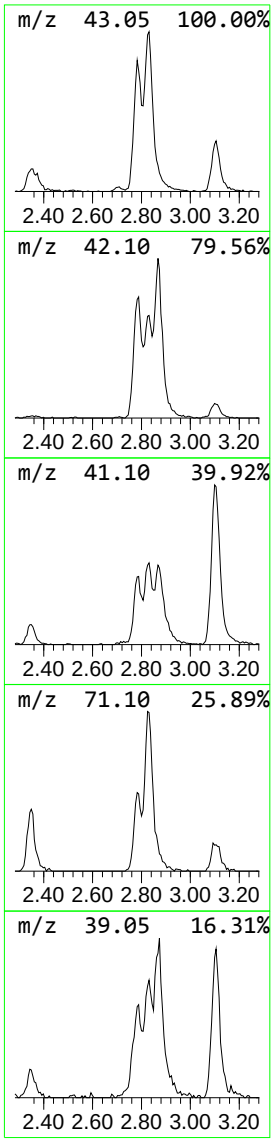
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.782 | 8.56 ug/l | 107458 | Pentafluorobenzene | 5.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 90 |
| 2 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 47 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 36 |
| 4 | Tetrahydrofuran | 72 | C4H8O | 000109-99-9 | 36 |
| 5 | Propanoyl chloride, 2-methyl- | 106 | C4H7ClO | 000079-30-1 | 10 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

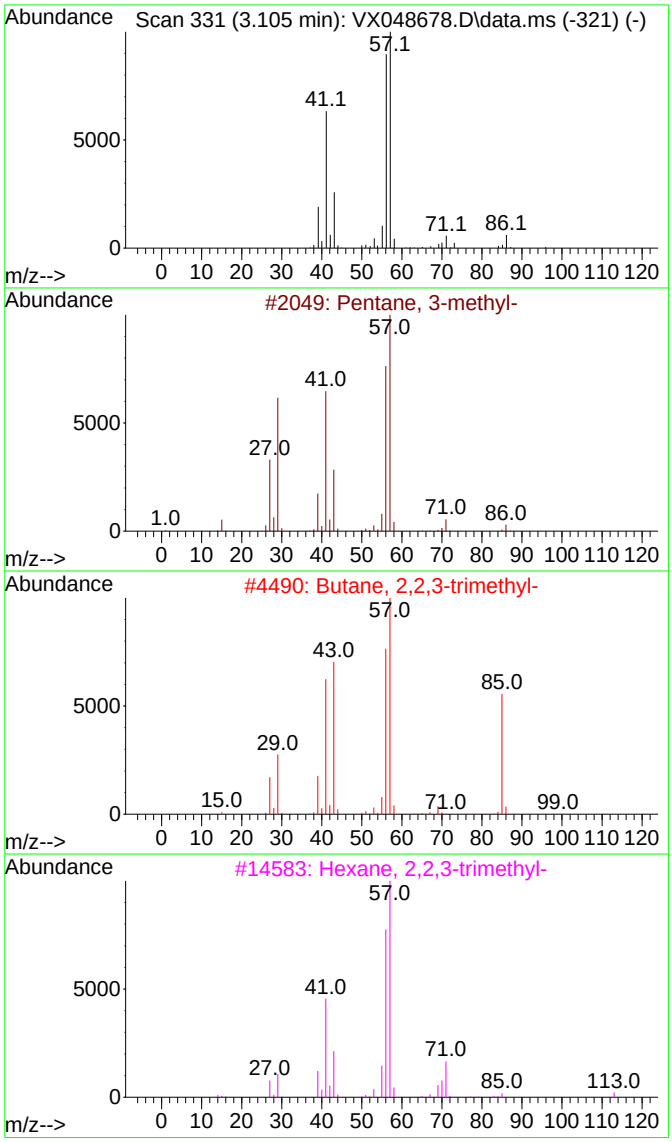
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

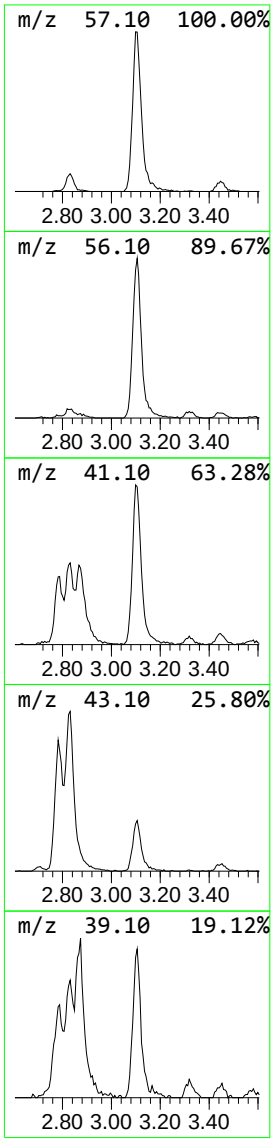
**********

Peak Number 5 Pentane, 3-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.105 | 16.37 ug/l | 205427 | Pentafluorobenzene | 5.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 91 |
| 2 | Butane, 2,2,3-trimethyl- | 100 | C7H16 | 000464-06-2 | 78 |
| 3 | Hexane, 2,2,3-trimethyl- | 128 | C9H20 | 016747-25-4 | 72 |
| 4 | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20 | 016747-32-3 | 56 |
| 5 | Oxirane, (1-methylethyl)- | 86 | C5H10O | 001438-14-8 | 42 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

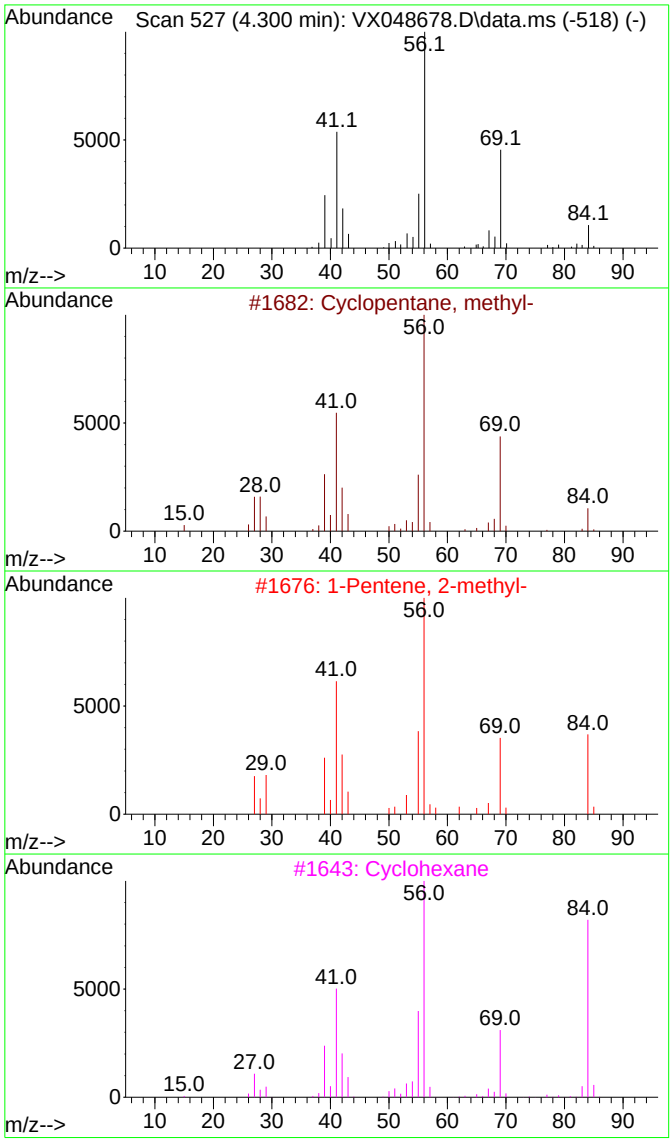
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

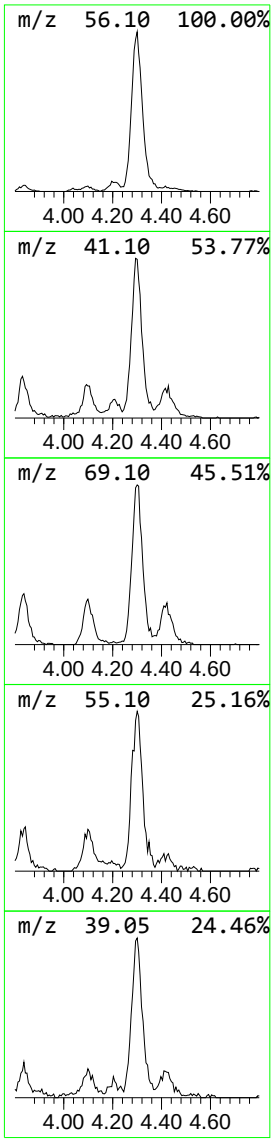
**********

Peak Number 6 Cyclopentane, methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.300 | 16.70 ug/l | 209621 | Pentafluorobenzene | 5.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 91 |
| 2 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 72 |
| 3 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 72 |
| 4 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 72 |
| 5 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 53 |



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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On    : 25 Nov 2025  12:39
Operator  : JC/MD
Sample    : Q3715-01
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 8   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title  : SW846 8260

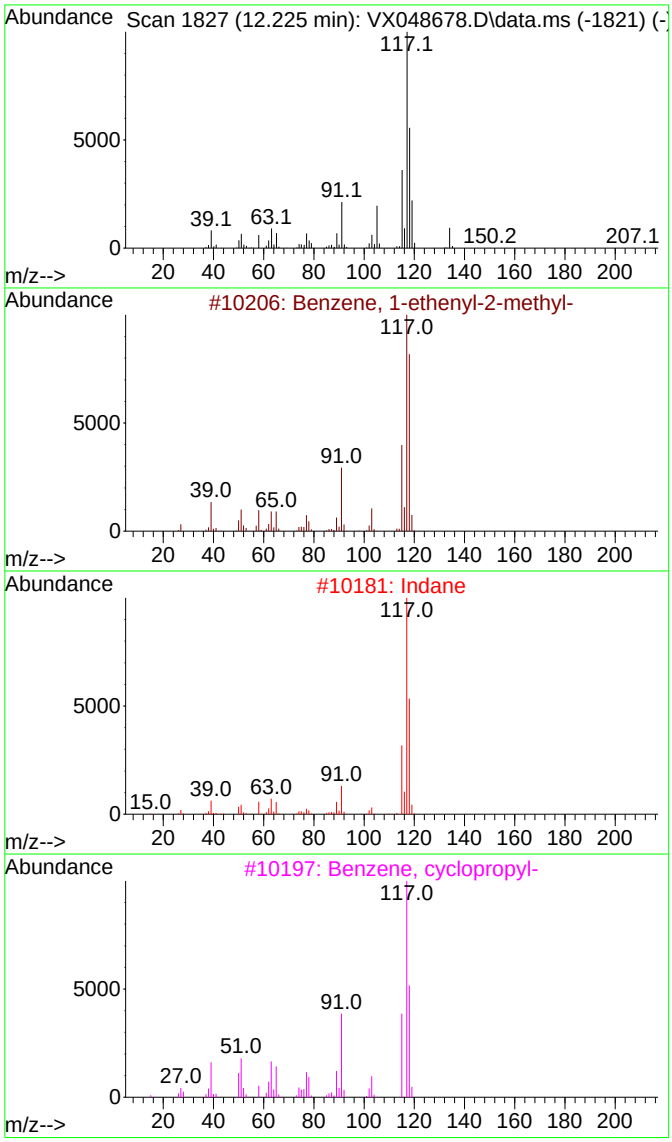
TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

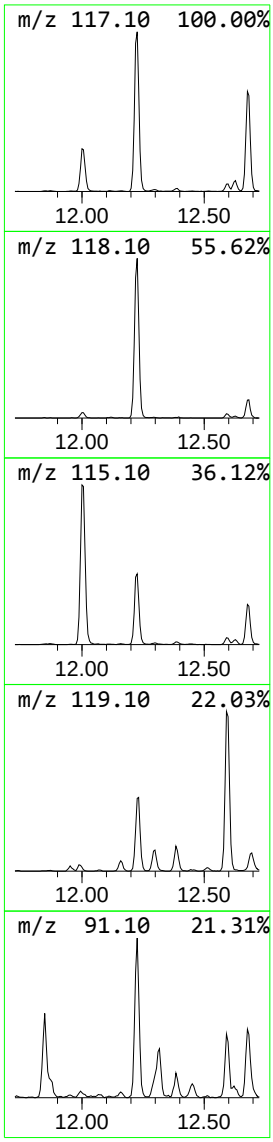
**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

**Peak Number 10  Benzene, 1-ethenyl-2-methyl-  Concentration Rank  2**

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.226 | 21.90 ug/l | 524551 | 1,4-Dichlorobenzene-d4 | 12.006 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 86 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 70 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 64 |
| 5 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

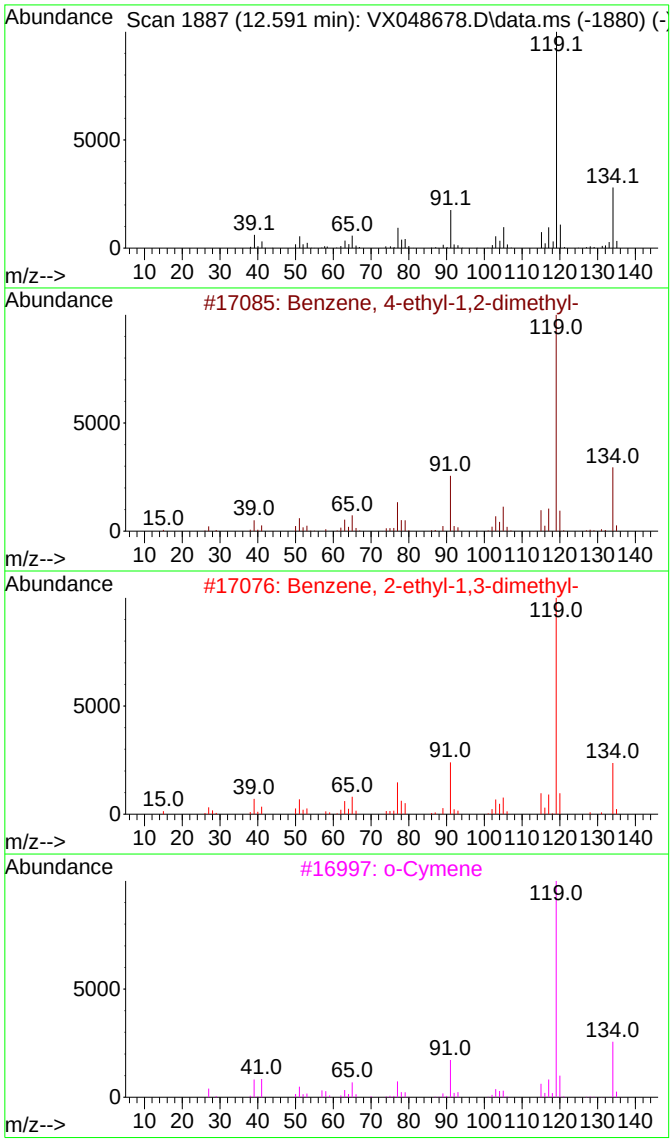
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

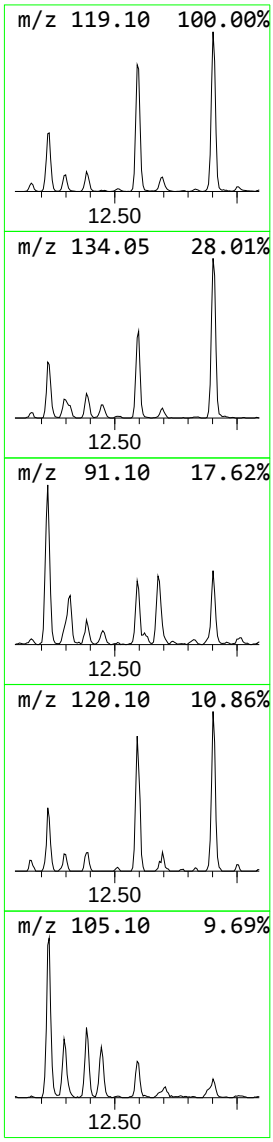
**********

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.591 | 7.62 ug/l | 182488 | 1,4-Dichlorobenzene-d4 | 12.006 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

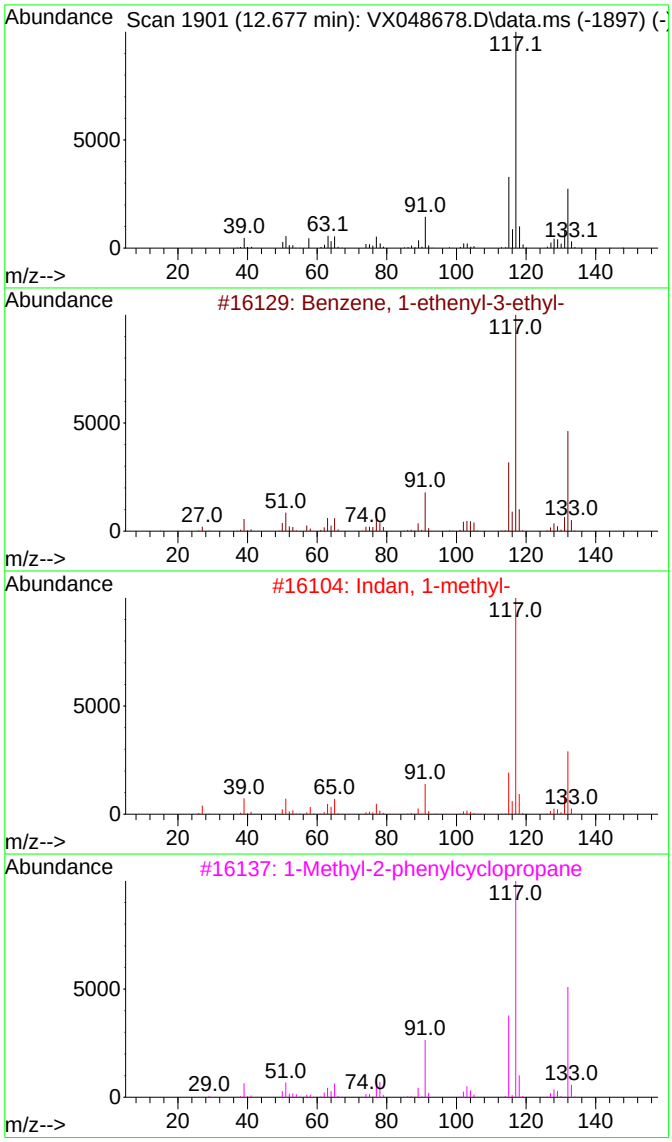
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

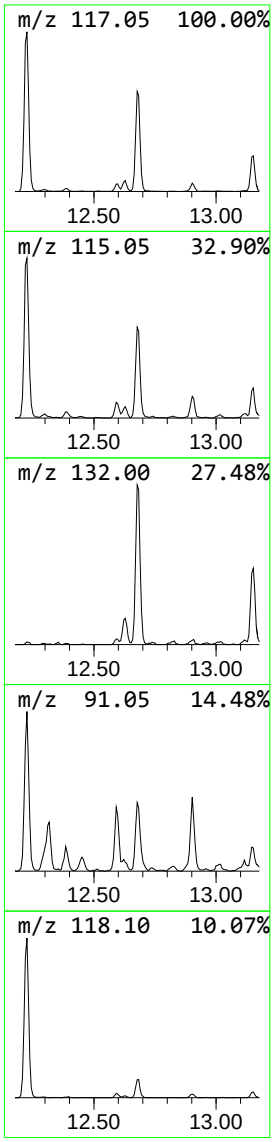
**********

Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.677 | 11.10 ug/l | 265851 | 1,4-Dichlorobenzene-d4 | 12.006 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 3 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 90 |
| 4 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 83 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

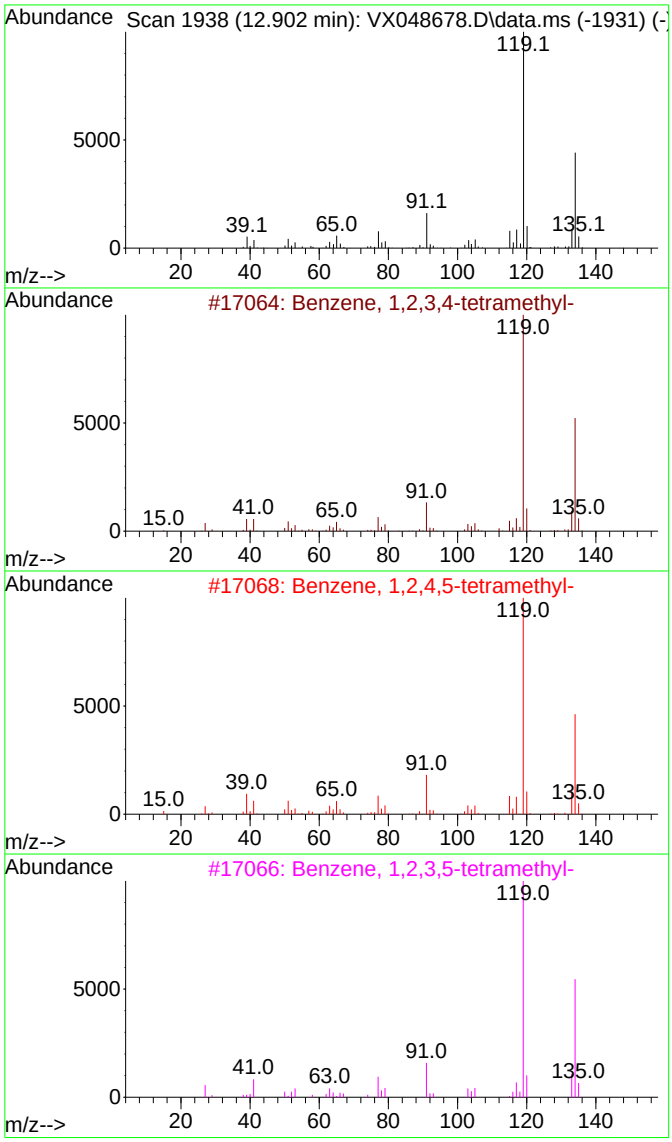
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

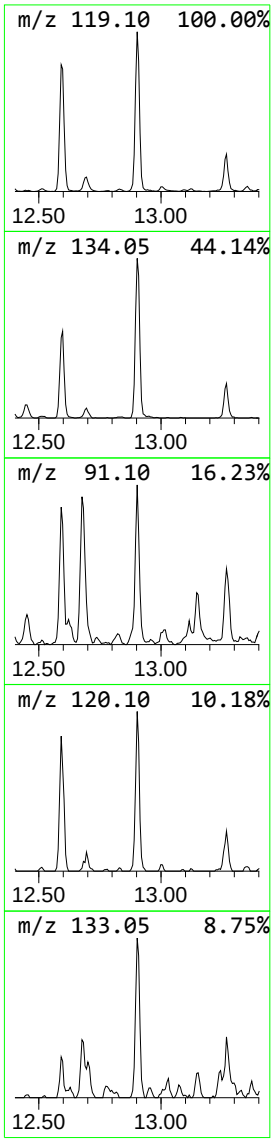
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.902 | 9.47 ug/l | 226796 | 1,4-Dichlorobenzene-d4 | 12.006 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

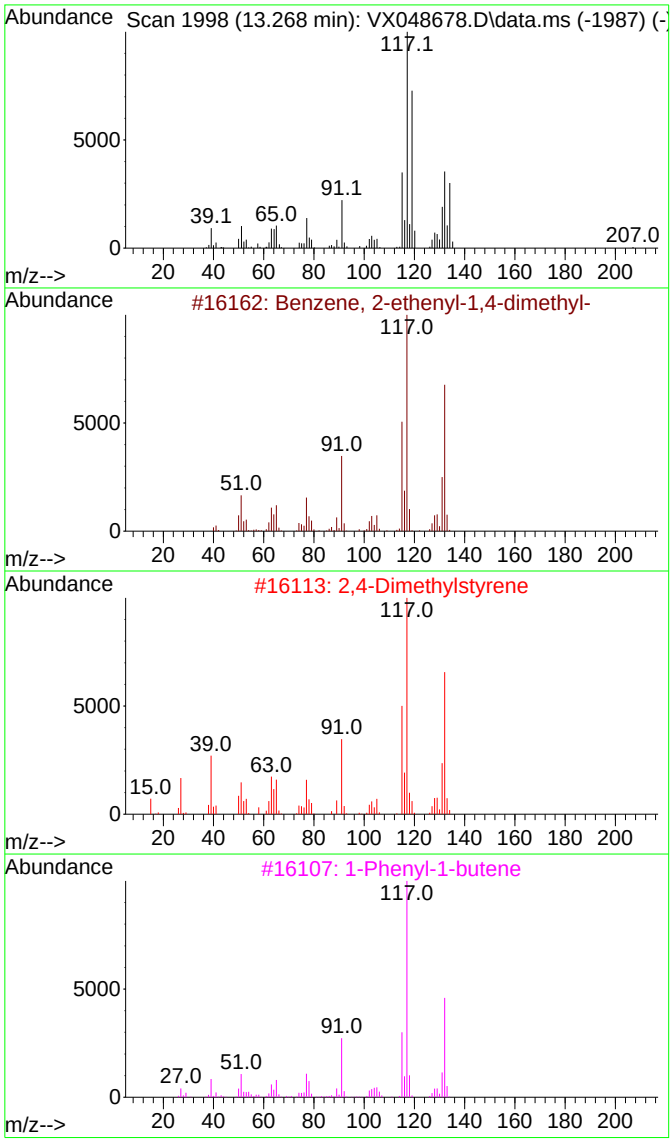
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

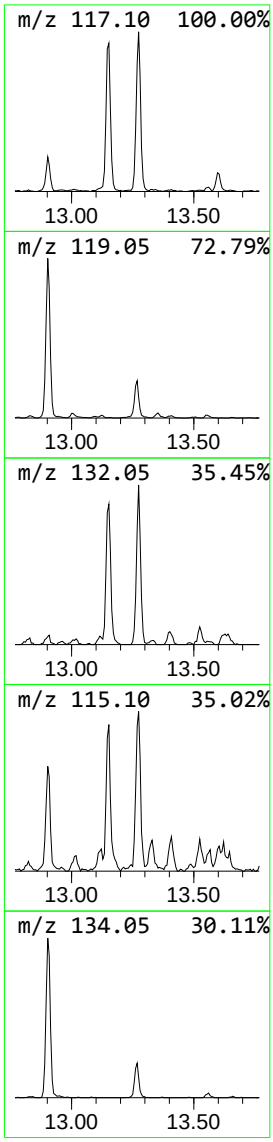
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.268 | 6.54 ug/l | 156639 | 1,4-Dichlorobenzene-d4 | 12.006 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 90 |
| 2 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 90 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 70 |
| 4 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 64 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-methyl- | 1.758 | 27.8 | ug/l | 349046 | 1 | 5.538 | 627501 | 50.0 |
| Butane, 2,3-dim... | 2.782 | 8.6 | ug/l | 107458 | 1 | 5.538 | 627501 | 50.0 |
| Pentane, 3-methyl- | 3.105 | 16.4 | ug/l | 205427 | 1 | 5.538 | 627501 | 50.0 |
| Cyclopentane, m... | 4.300 | 16.7 | ug/l | 209621 | 1 | 5.538 | 627501 | 50.0 |
| Benzene, 1-ethe... | 12.226 | 21.9 | ug/l | 524551 | 4 | 12.006 | 1197510 | 50.0 |
| Benzene, 4-ethy... | 12.591 | 7.6 | ug/l | 182488 | 4 | 12.006 | 1197510 | 50.0 |
| Benzene, 1-ethe... | 12.677 | 11.1 | ug/l | 265851 | 4 | 12.006 | 1197510 | 50.0 |
| Benzene, 1,2,3,... | 12.902 | 9.5 | ug/l | 226796 | 4 | 12.006 | 1197510 | 50.0 |
| Benzene, 2-ethe... | 13.268 | 6.5 | ug/l | 156639 | 4 | 12.006 | 1197510 | 50.0 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 02 00:11:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations APPROVED**
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.206 | 168 | 190391 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.083 | 114 | 425302 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.841 | 117 | 411286 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.765 | 152 | 194905 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.559 | 65 | 186996 | 52.138 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 104.280% | | | |
| 35) Dibromofluoromethane | 8.147 | 113 | 145277 | 49.291 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 98.580% | | | |
| 50) Toluene-d8 | 10.541 | 98 | 547230 | 49.901 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 99.800% | | | |
| 62) 4-Bromofluorobenzene | 12.829 | 95 | 207102 | 55.040 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 110.080% | | | |
| Target Compounds | | | | | | Qvalue |
| 25) 2-Butanone | 7.471 | 43 | 20607 | 9.882 | ug/l | 99 |
| 31) Cyclohexane | 8.230 | 56 | 207628 | 44.017 | ug/l # | 93 |
| 39) Methylcyclohexane | 9.577 | 83 | 202004 | 41.518 | ug/l | 94 |
| 40) Benzene | 8.588 | 78 | 48442 | 3.629 | ug/l | 95 |
| 52) Toluene | 10.606 | 92 | 13442 | 1.744 | ug/l | 99 |
| 67) Ethyl Benzene | 11.941 | 91 | 789435 | 48.892 | ug/l | 100 |
| 68) m/p-Xylenes | 12.041 | 106 | 170697 | 28.513 | ug/l | 99 |
| 69) o-Xylene | 12.376 | 106 | 9872m | 1.730 | ug/l | |
| 73) Isopropylbenzene | 12.671 | 105 | 601978 | 41.772 | ug/l | 100 |
| 78) n-propylbenzene | 13.012 | 91 | 2709447m | 153.684 | ug/l | |
| 80) 1,3,5-Trimethylbenzene | 13.147 | 105 | 154136 | 12.908 | ug/l | 98 |
| 83) tert-Butylbenzene | 13.418 | 119 | 21234 | 2.092 | ug/l | 94 |
| 84) 1,2,4-Trimethylbenzene | 13.459 | 105 | 47419 | 3.995 | ug/l | 96 |
| 85) sec-Butylbenzene | 13.588 | 105 | 213874 | 14.666 | ug/l # | 64 |
| 86) p-Isopropyltoluene | 13.706 | 119 | 54659 | 4.571 | ug/l | 95 |
| 89) n-Butylbenzene | 14.029 | 91 | 249163m | 21.459 | ug/l | |
| 95) Naphthalene | 15.612 | 128 | 249692 | 20.078 | ug/l | 99 |

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

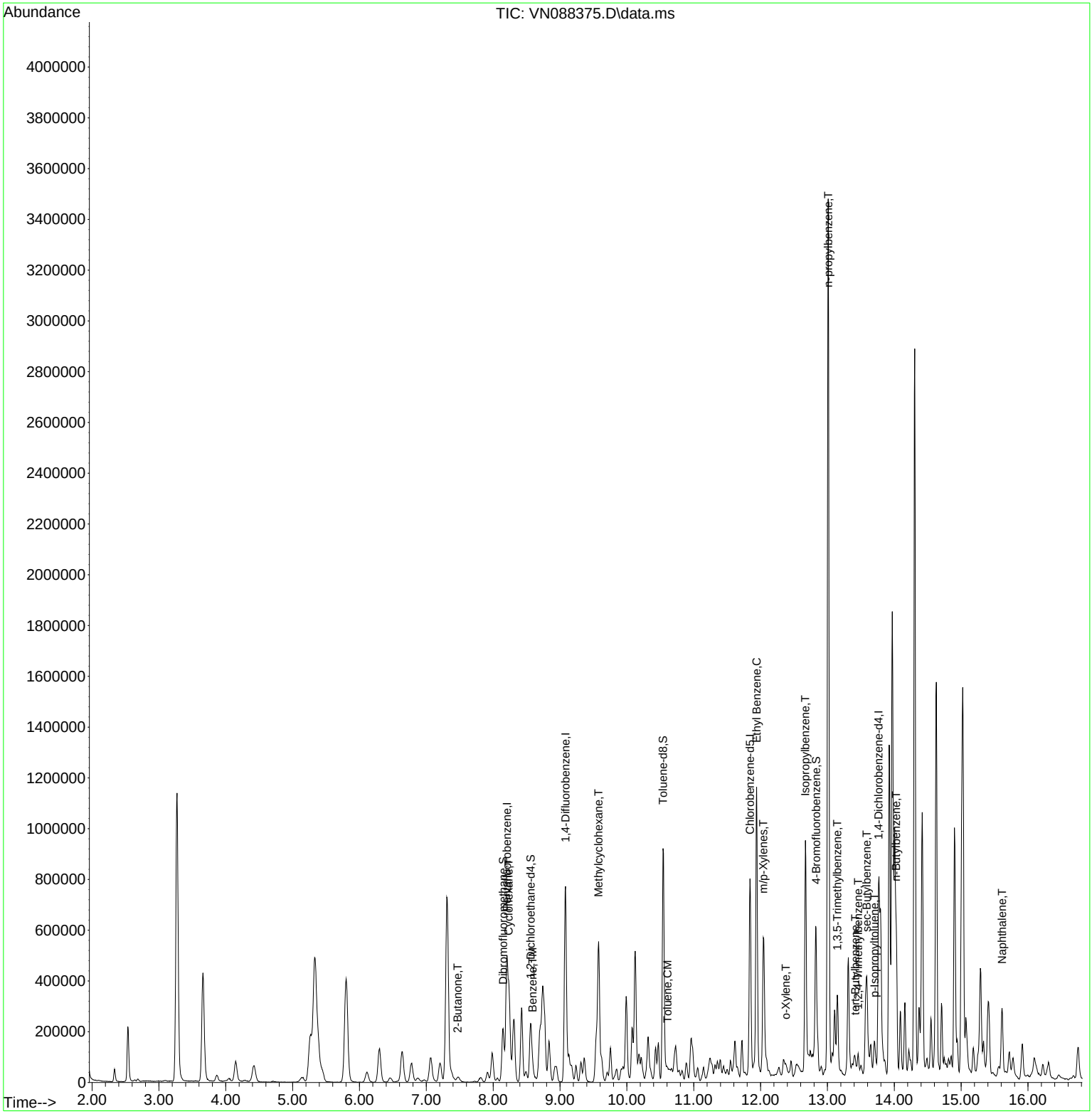
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

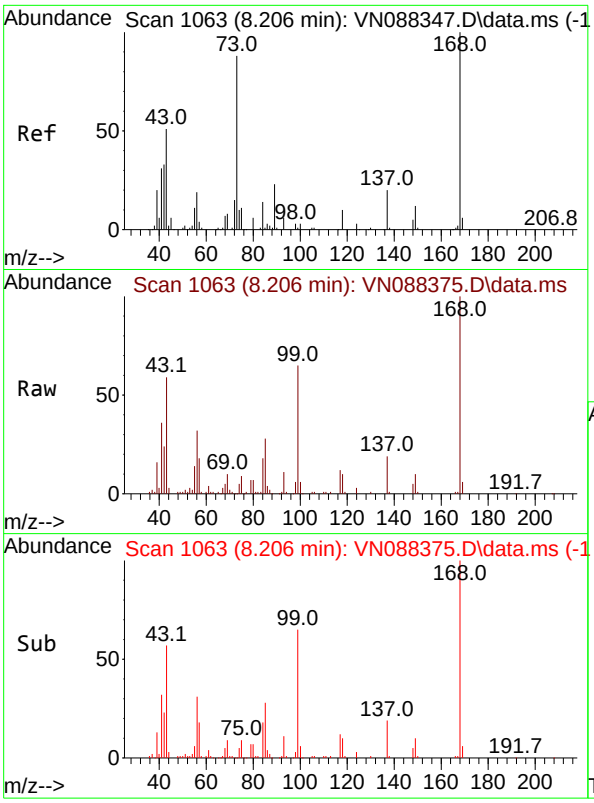
Quant Time: Dec 02 00:11:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025






#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

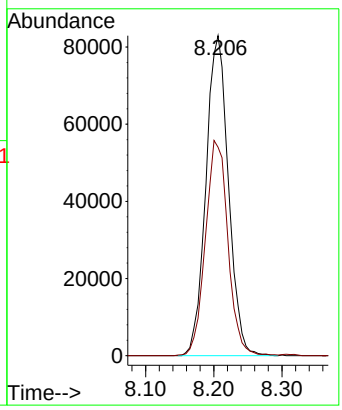
Tgt Ion:168 Resp: 19039

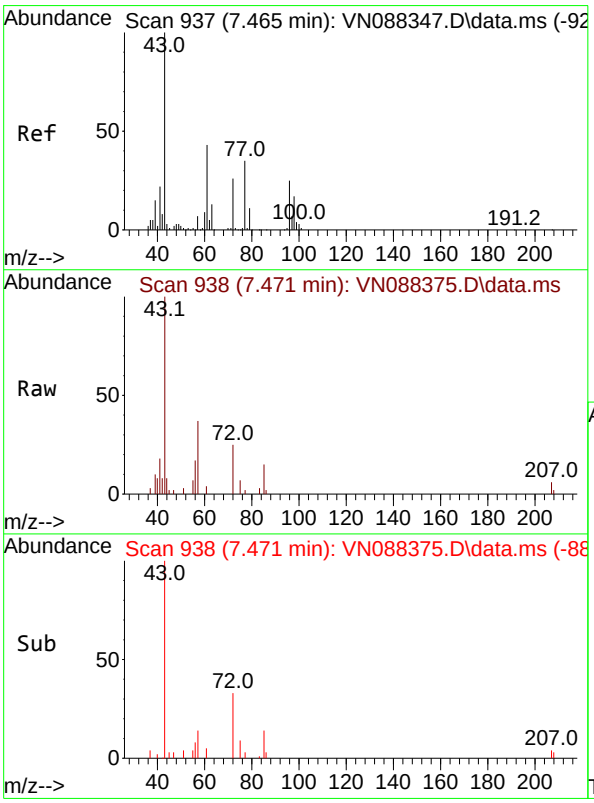
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 64.9 | 57.1 | 85.7 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

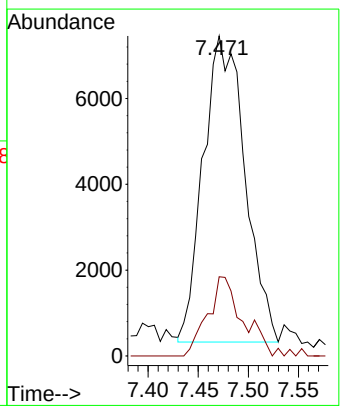


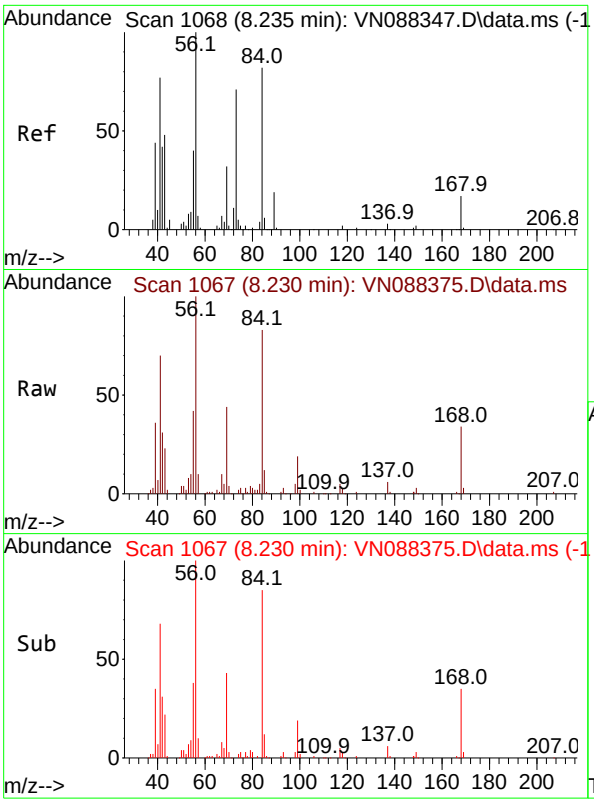




#25
2-Butanone
Concen: 9.882 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion: 43 Resp: 20607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.9 | 20.5 | 30.7 |

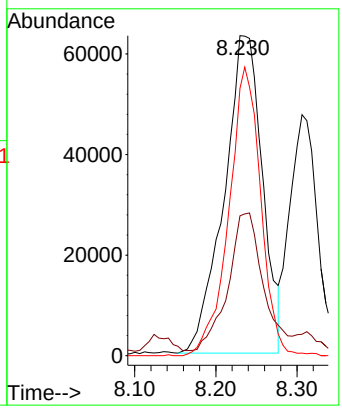





#31
Cyclohexane
Concen: 44.017 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion: 56 Resp: 20762

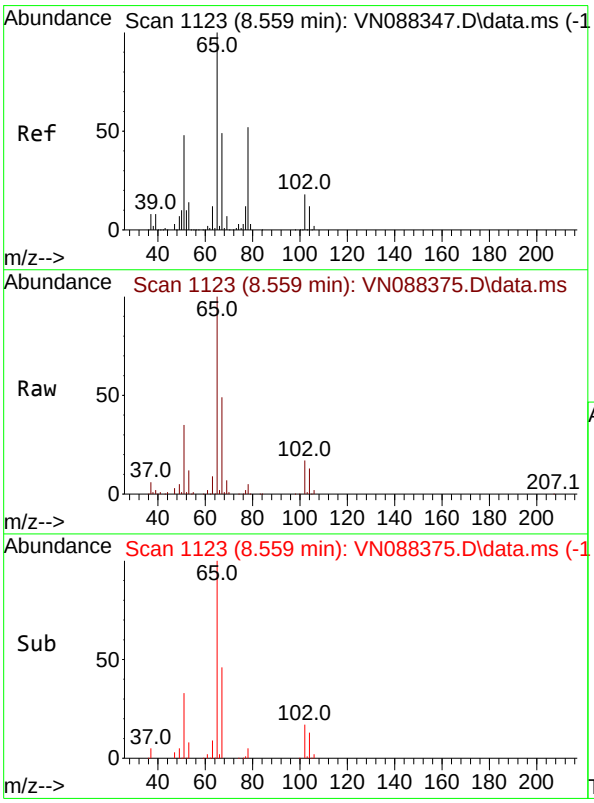
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 41.1 | 25.3 | 37.9 |
| 84 | 84.1 | 65.4 | 98.2 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

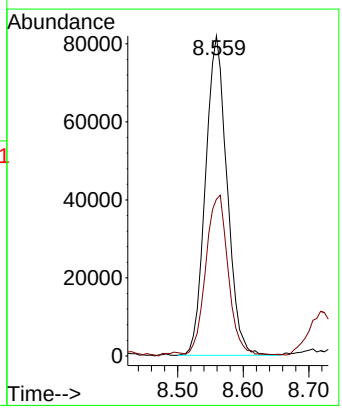
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

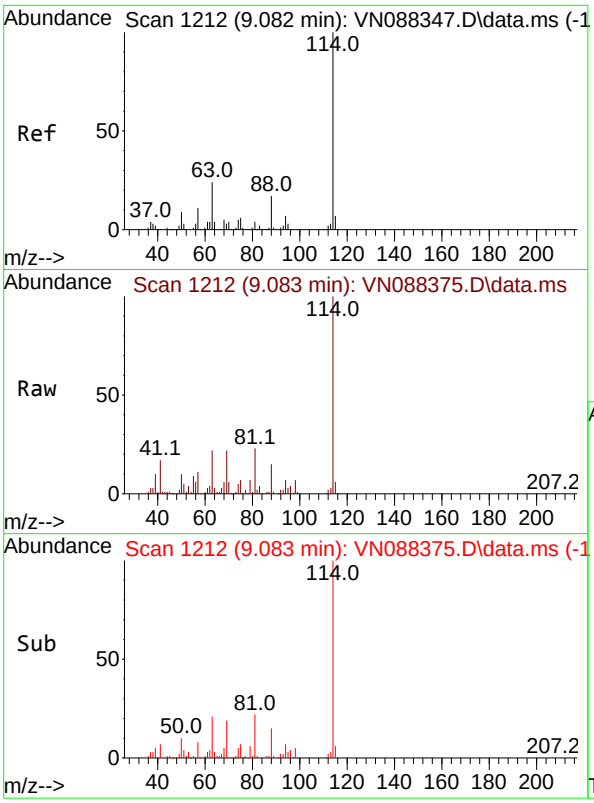



#33
1,2-Dichloroethane-d4
Concen: 52.138 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion: 65 Resp: 186996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.8 | 0.0 | 100.8 |






#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

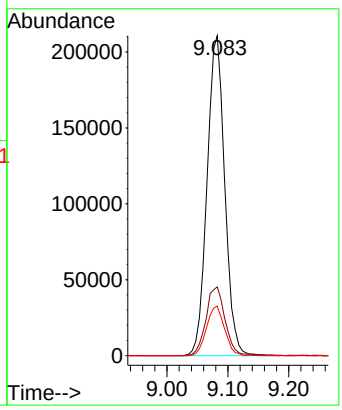
Tgt Ion:114 Resp: 42530

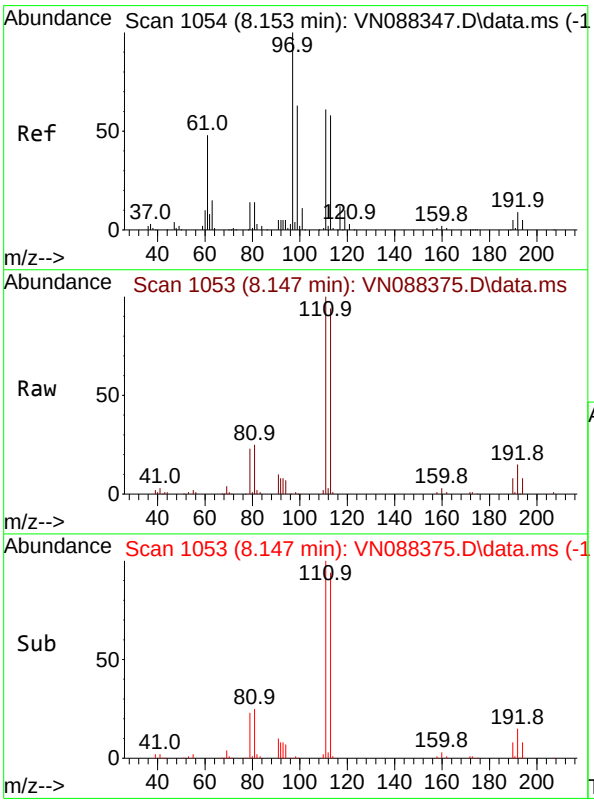
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.5 | 0.0 | 49.0 |
| 88 | 15.5 | 0.0 | 34.0 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

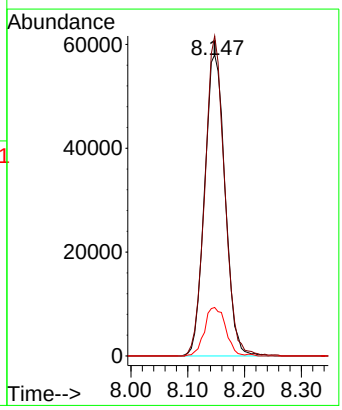


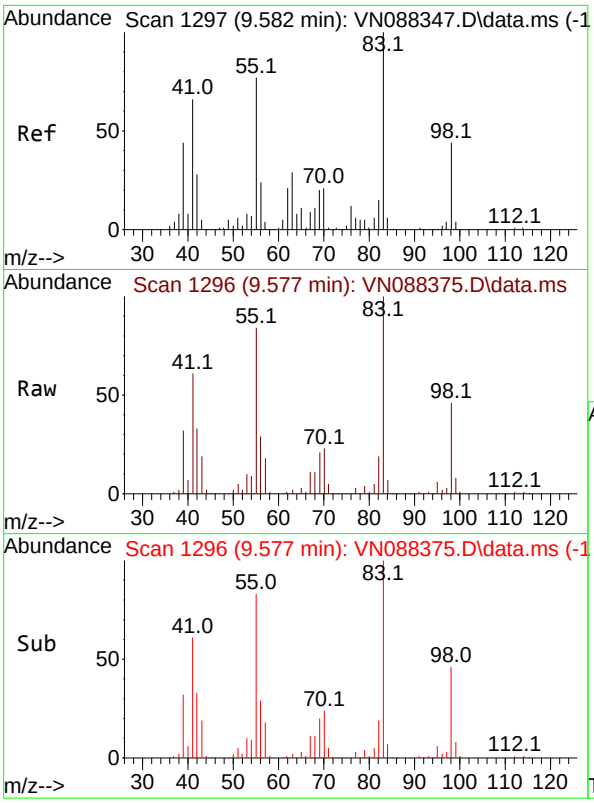




#35
Dibromofluoromethane
Concen: 49.291 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion:113 Resp: 145277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.1 | 82.5 | 123.7 |
| 192 | 16.6 | 12.8 | 19.2 |






#39
Methylcyclohexane
Concen: 41.518 ug/l
RT: 9.577 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

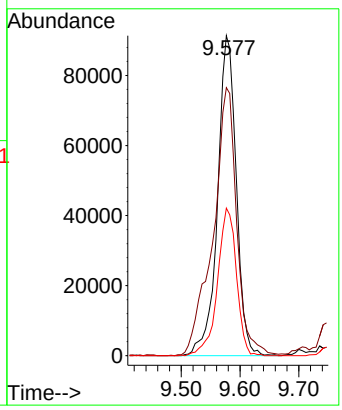
Tgt Ion: 83 Resp: 20200

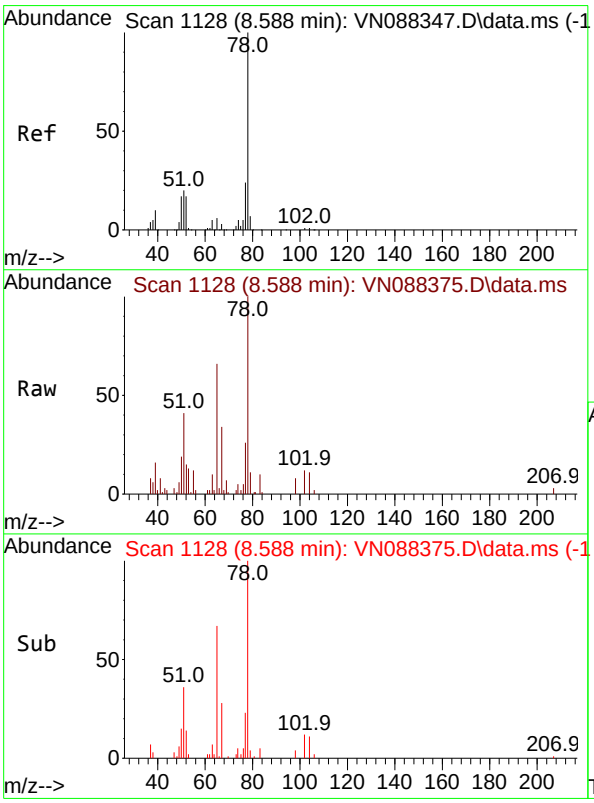
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 83.4 | 61.6 | 92.4 |
| 98 | 46.1 | 35.3 | 52.9 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

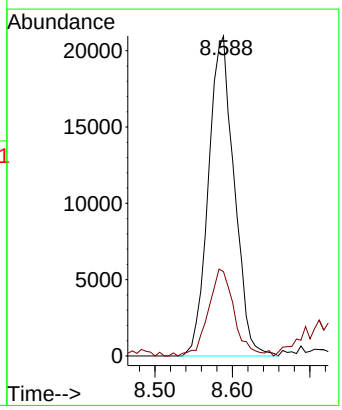


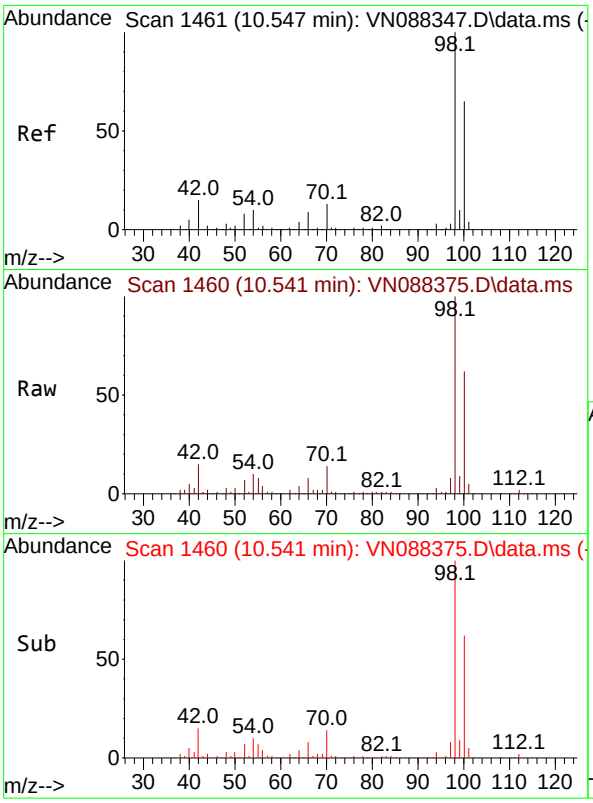




#40
Benzene
Concen: 3.629 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion: 78 Resp: 48442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 26.3 | 19.0 | 28.4 |






#50
Toluene-d8
Concen: 49.901 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

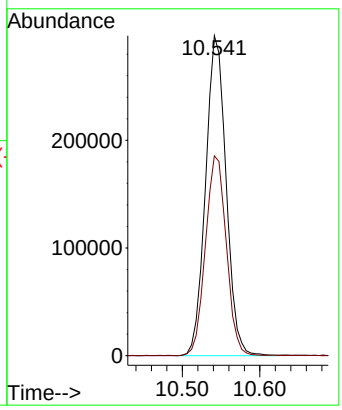
Tgt Ion: 98 Resp: 54723

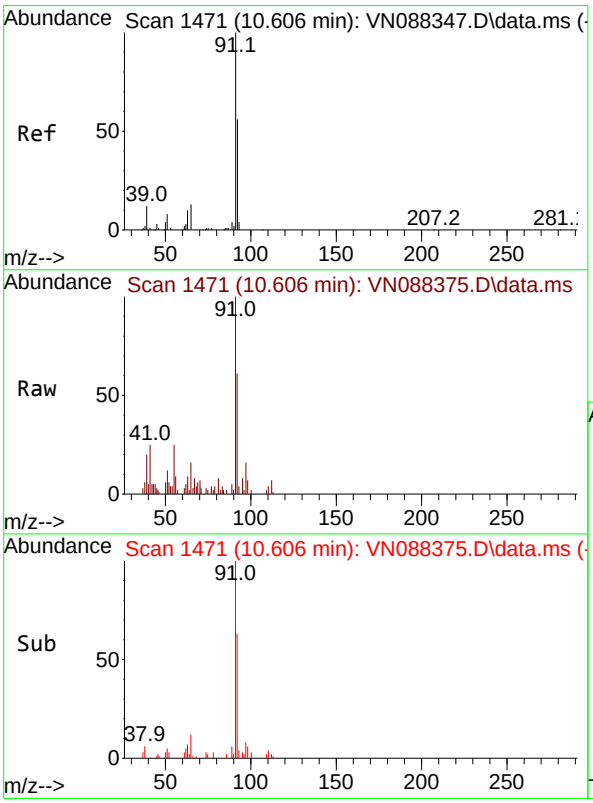
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.5 | 52.2 | 78.2 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

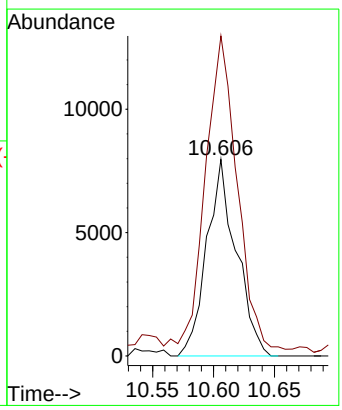


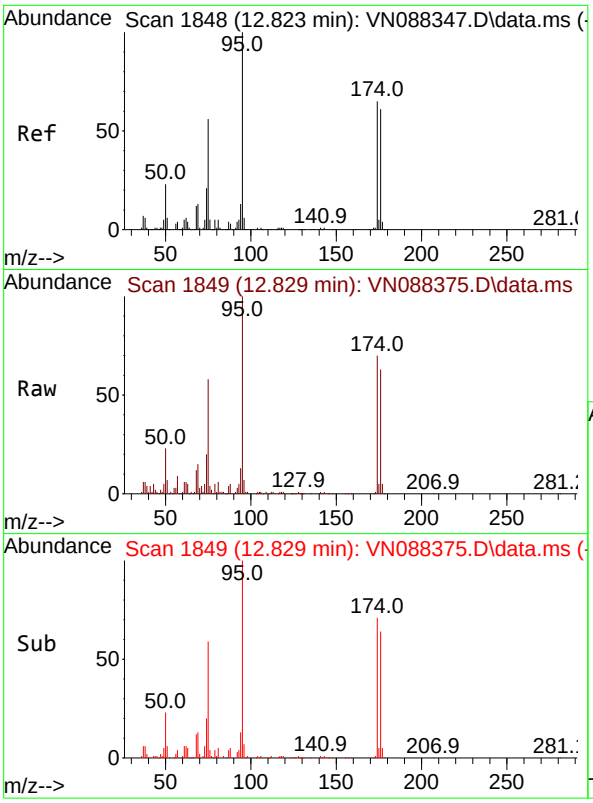




#52
Toluene
Concen: 1.744 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion: 92 Resp: 13442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.3 | 140.2 | 210.2 |






#62
4-Bromofluorobenzene
Concen: 55.040 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

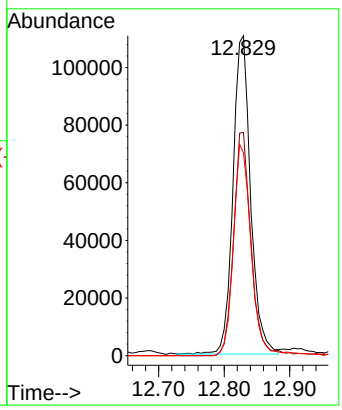
Tgt Ion: 95 Resp: 20710

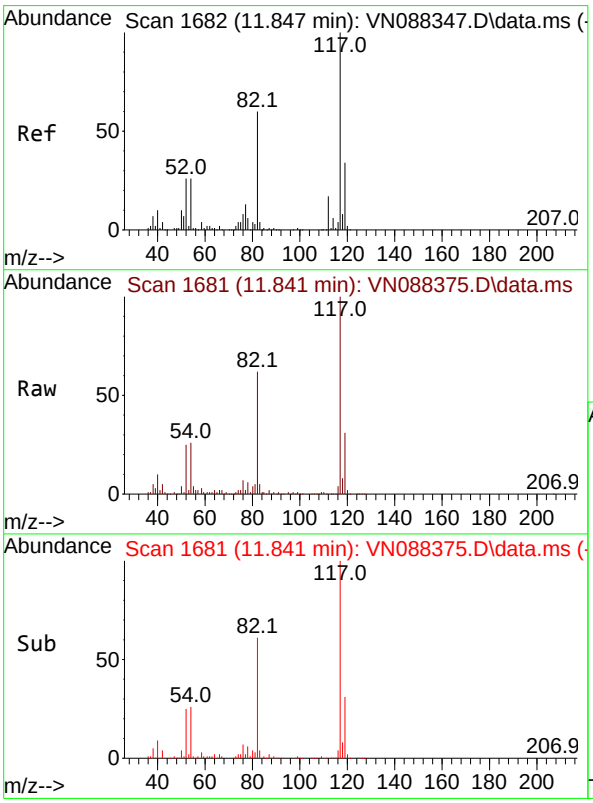
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 69.5 | 0.0 | 139.0 |
| 176 | 67.3 | 0.0 | 132.4 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

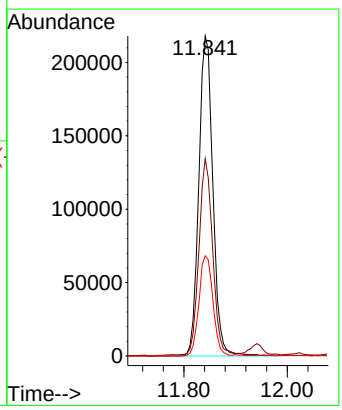


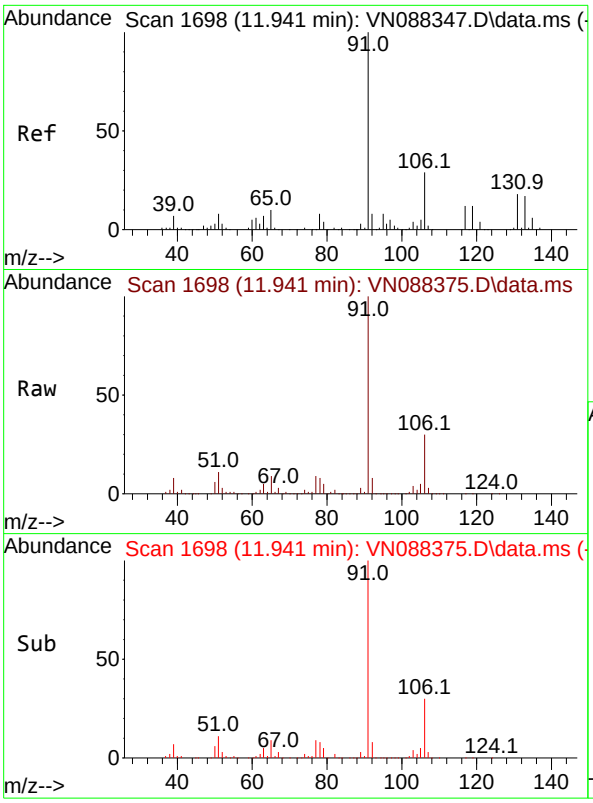




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion:117 Resp: 411286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.2 | 47.8 | 71.8 |
| 119 | 31.3 | 26.9 | 40.3 |






#67
Ethyl Benzene
Concen: 48.892 ug/l
RT: 11.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

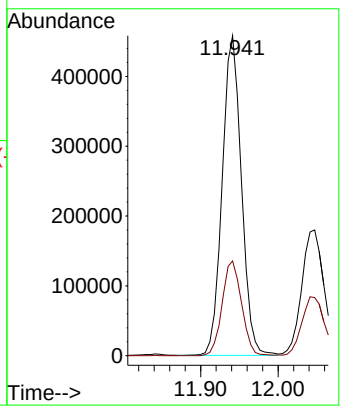
Tgt Ion: 91 Resp: 78943

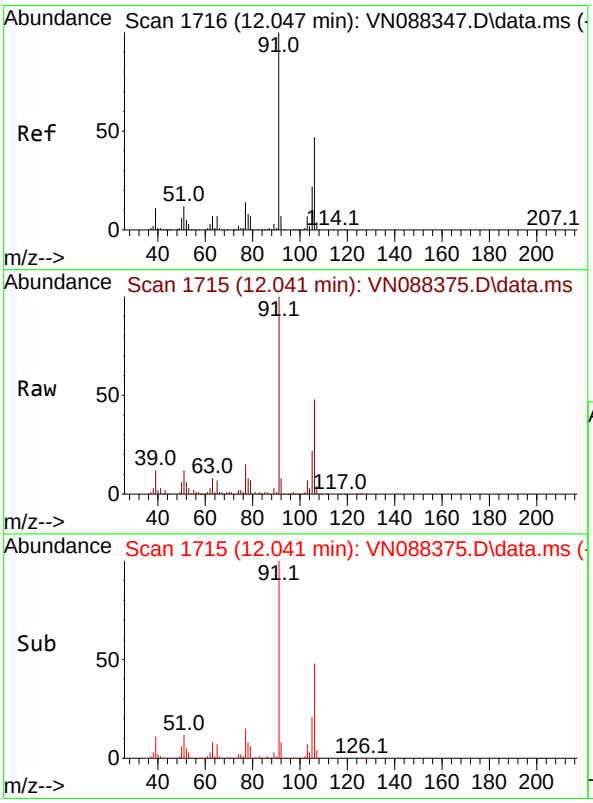
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.6 | 23.6 | 35.4 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

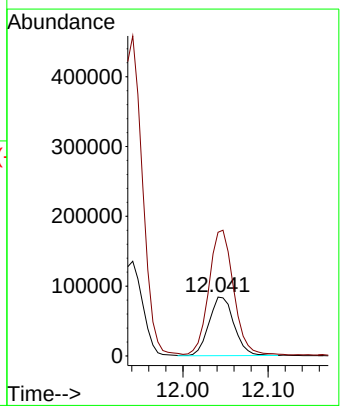


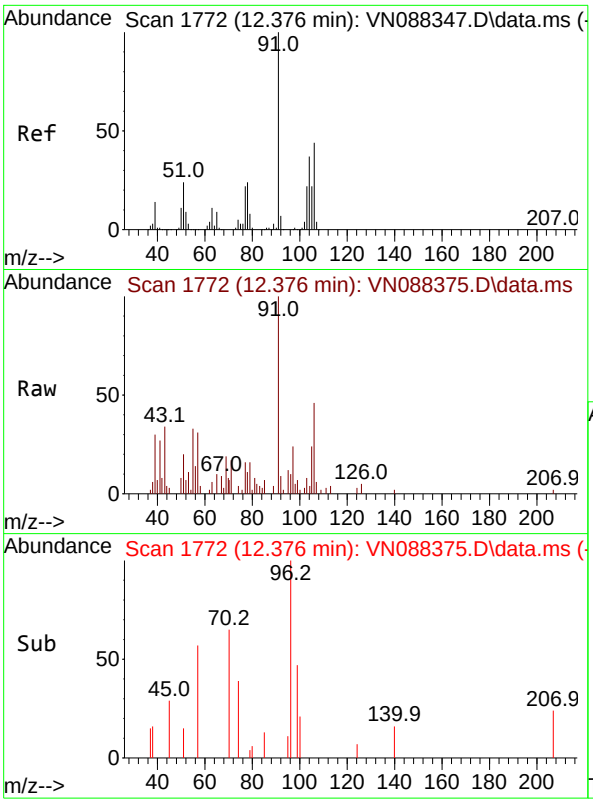




#68
m/p-Xylenes
Concen: 28.513 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion:106 Resp: 170697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.0 | 167.8 | 251.6 |






#69
o-Xylene
Concen: 1.730 ug/l m
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

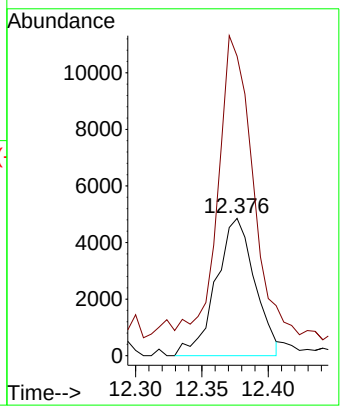
Tgt Ion:106 Resp: 987

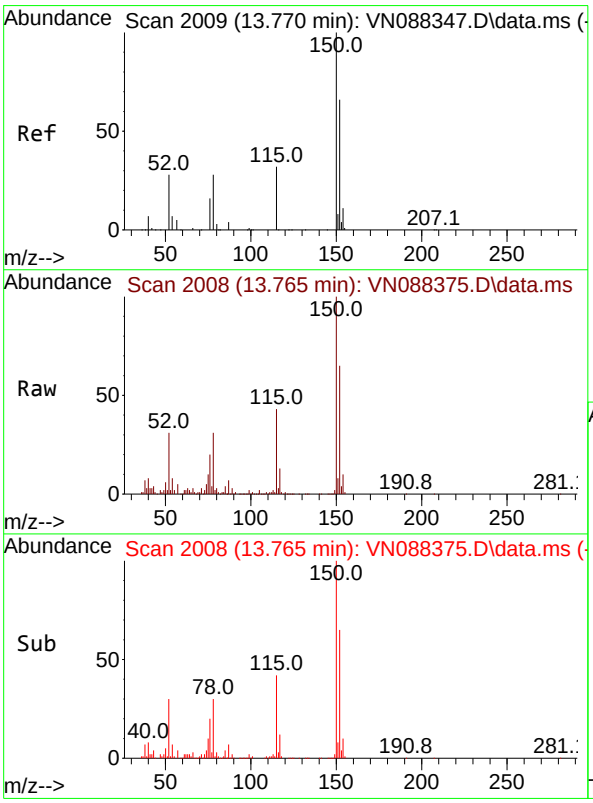
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 0.0 | 112.9 | 338.7# |

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

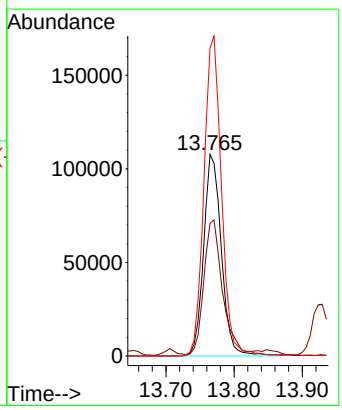


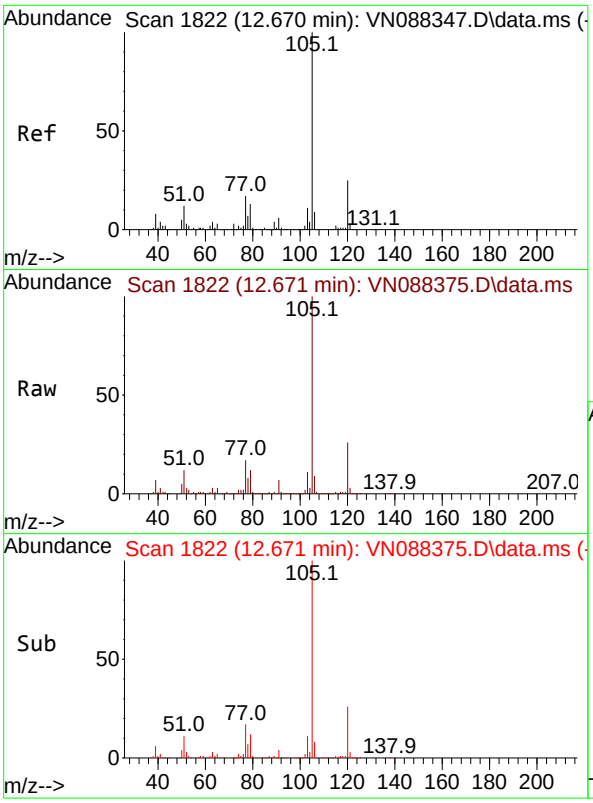




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion:152 Resp: 194905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 70.4 | 33.0 | 98.9 |
| 150 | 157.4 | 0.0 | 349.0 |

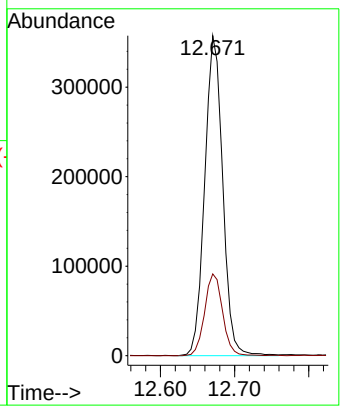





#73
Isopropylbenzene
Concen: 41.772 ug/l
RT: 12.671 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion:105 Resp: 60197

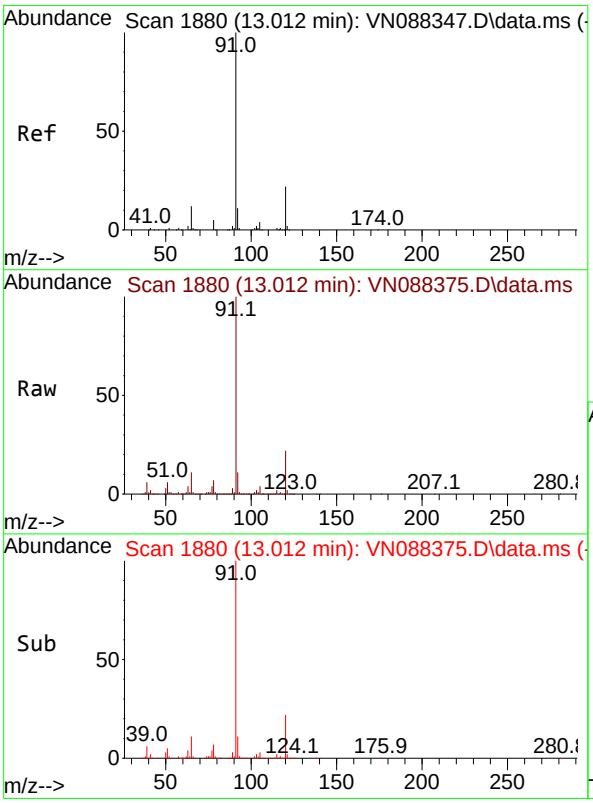
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.5 | 12.8 | 38.3 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

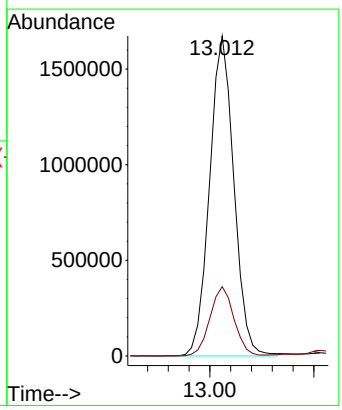
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

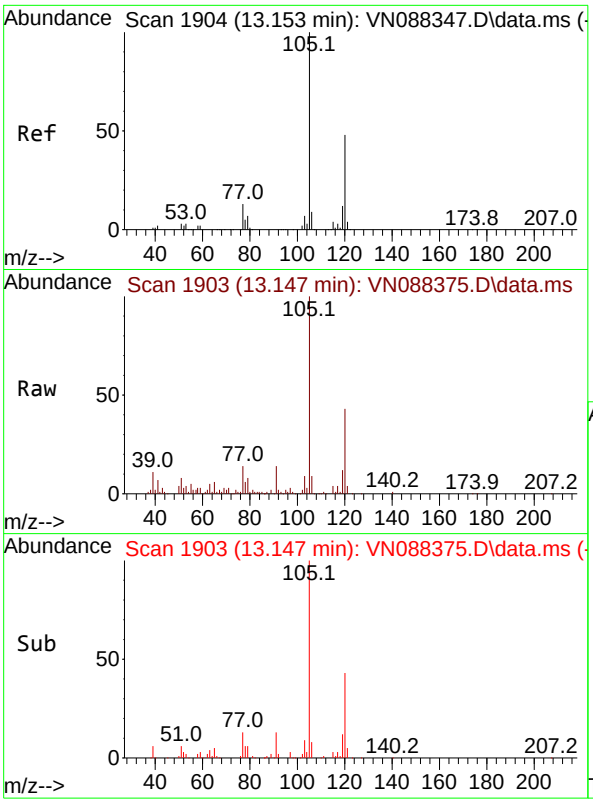



#78
n-propylbenzene
Concen: 153.684 ug/l m
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion: 91 Resp: 2709447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 0.0 | 10.9 | 32.6# |






#80
1,3,5-Trimethylbenzene
Concen: 12.908 ug/l
RT: 13.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

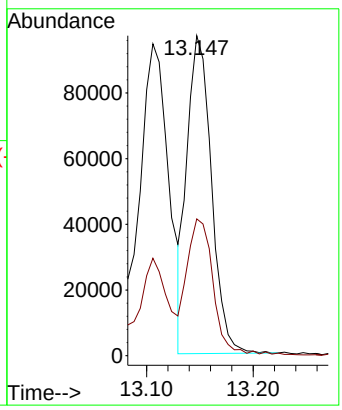
Tgt Ion:105 Resp: 15413

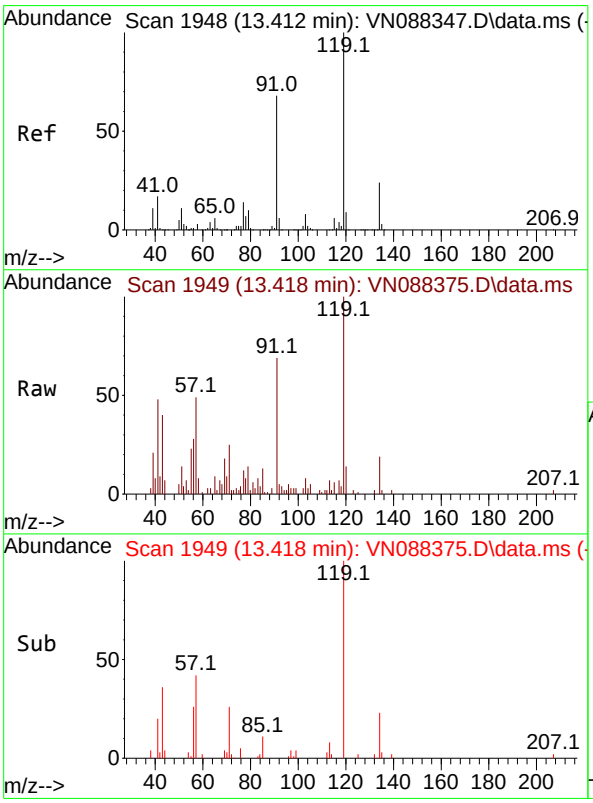
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.2 | 23.8 | 71.5 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

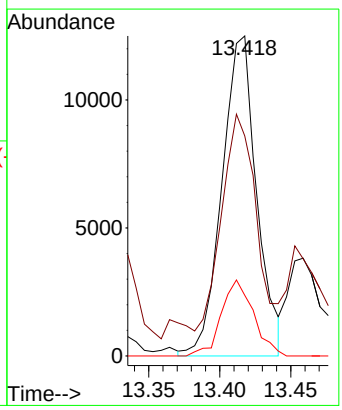


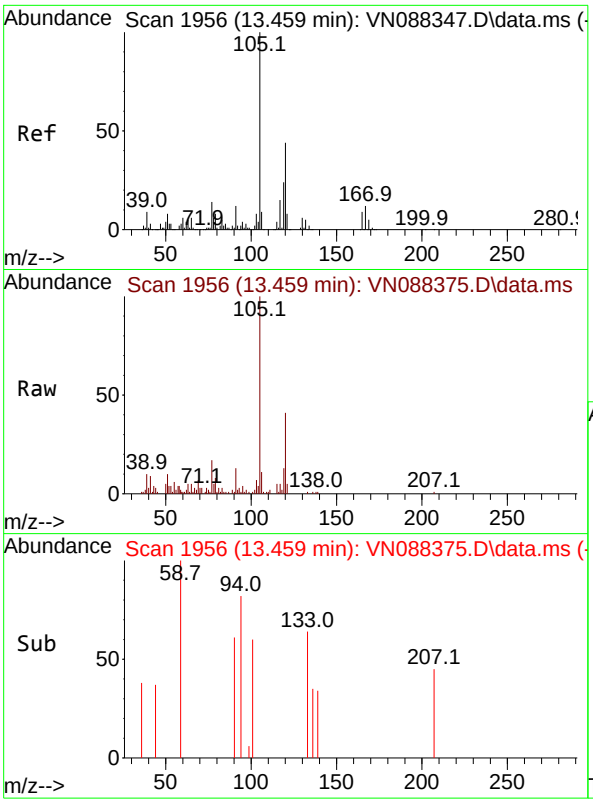




#83
tert-Butylbenzene
Concen: 2.092 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion:119 Resp: 21234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 65.9 | 35.1 | 105.3 |
| 134 | 22.0 | 12.8 | 38.4 |






#84
1,2,4-Trimethylbenzene
Concen: 3.995 ug/l
RT: 13.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

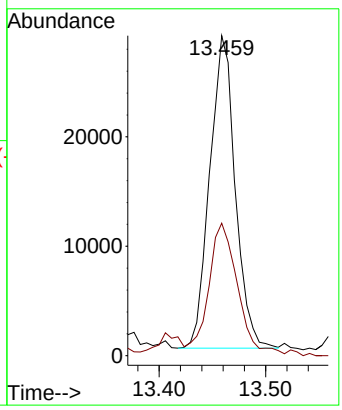
Tgt Ion:105 Resp: 4741

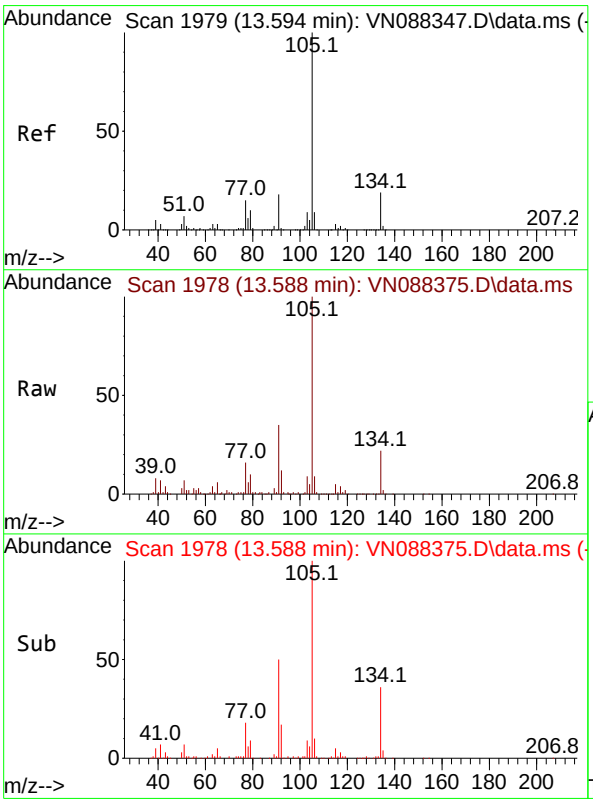
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.6 | 22.1 | 66.1 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

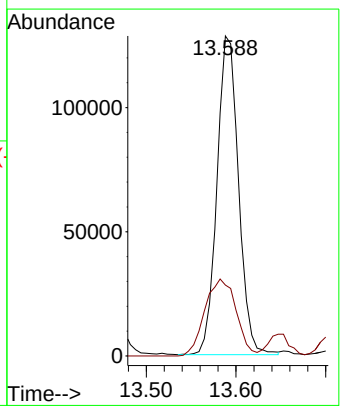


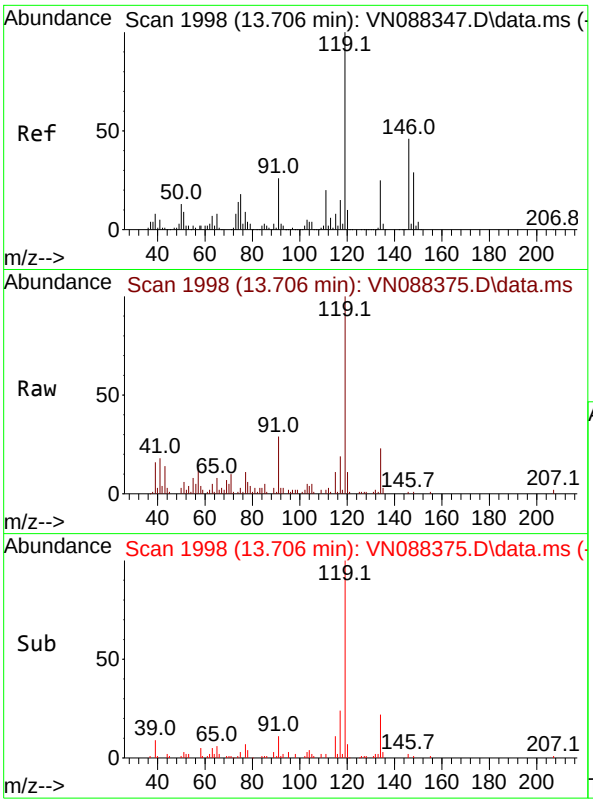




#85
sec-Butylbenzene
Concen: 14.666 ug/l
RT: 13.588 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion:105 Resp: 213874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 35.1 | 9.5 | 28.5# |

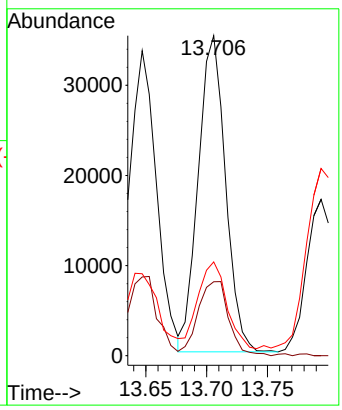





#86
p-Isopropyltoluene
Concen: 4.571 ug/l
RT: 13.706 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion:119 Resp: 5465

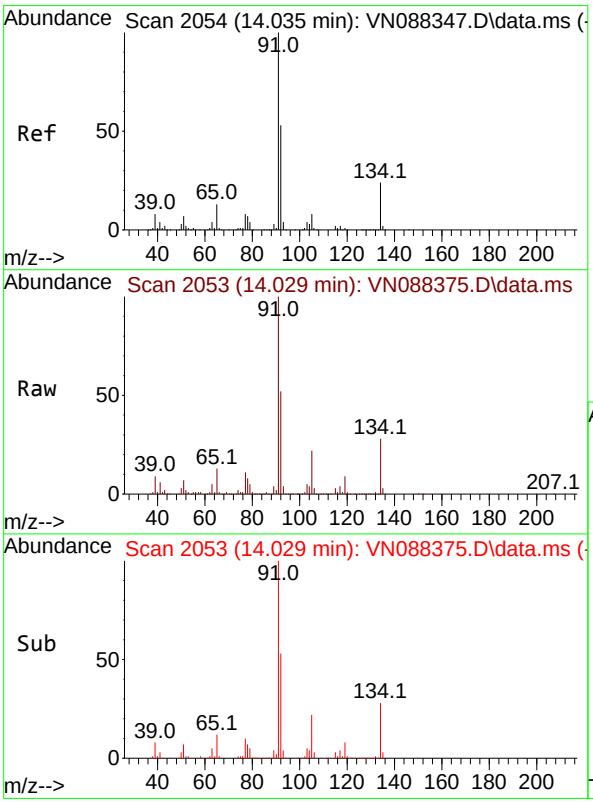
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.4 | 12.2 | 36.6 |
| 91 | 29.0 | 13.0 | 39.0 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

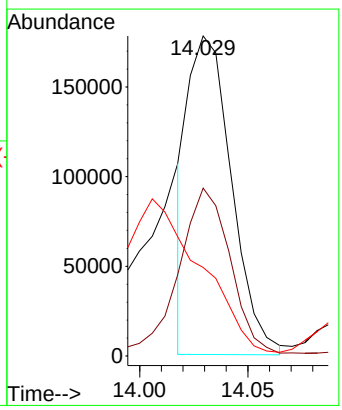
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

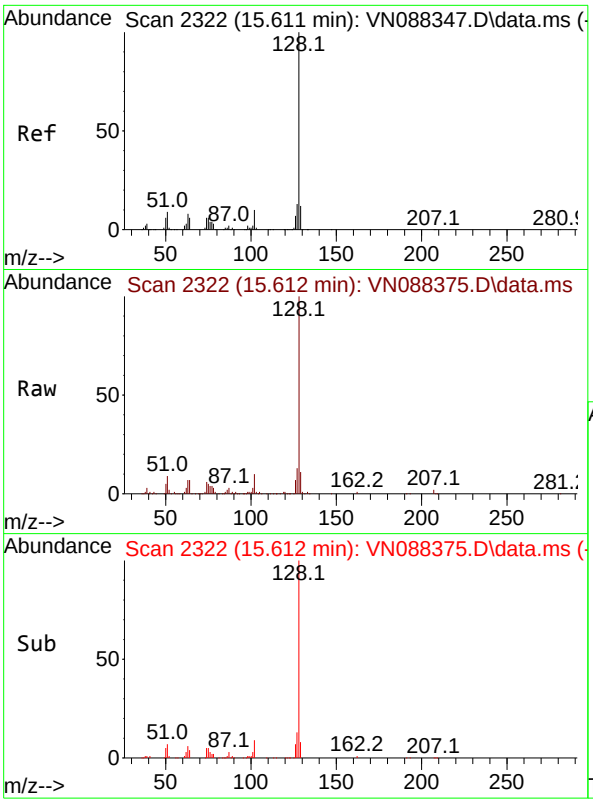



#89
n-Butylbenzene
Concen: 21.459 ug/l m
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion: 91 Resp: 249163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.6 | 26.1 | 78.3 |
| 134 | 0.0 | 11.7 | 35.1# |

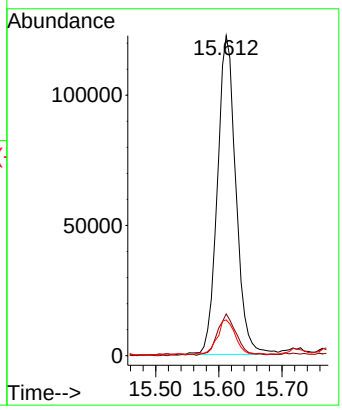





#95
Naphthalene
Concen: 20.078 ug/l
RT: 15.612 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088375.D
Acq: 01 Dec 2025 12:30

Tgt Ion:128 Resp: 24969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.5 | 10.4 | 15.6 |
| 129 | 10.7 | 9.0 | 13.6 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

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_N\methods\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088375.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.336 | 59 | 65 | 73 | rBV | 49016 | 81631 | 1.48% | 0.106% |
| 2 | 2.536 | 88 | 99 | 110 | rBV | 216373 | 397950 | 7.20% | 0.515% |
| 3 | 3.271 | 213 | 224 | 244 | rBV | 1135005 | 2789567 | 50.47% | 3.609% |
| 4 | 3.659 | 278 | 290 | 301 | rBV | 427616 | 1134413 | 20.52% | 1.468% |
| 5 | 4.148 | 364 | 373 | 387 | rVB2 | 78361 | 223665 | 4.05% | 0.289% |
| 6 | 4.424 | 407 | 420 | 432 | rVB3 | 62523 | 218919 | 3.96% | 0.283% |
| 7 | 5.271 | 550 | 564 | 565 | rBV2 | 183301 | 482816 | 8.73% | 0.625% |
| 8 | 5.330 | 567 | 574 | 603 | rVB4 | 488617 | 2350831 | 42.53% | 3.042% |
| 9 | 5.800 | 641 | 654 | 673 | rBV | 406003 | 1413570 | 25.57% | 1.829% |
| 10 | 6.112 | 694 | 707 | 719 | rBV4 | 40374 | 134068 | 2.43% | 0.173% |
| 11 | 6.300 | 724 | 739 | 754 | rBV3 | 132805 | 412276 | 7.46% | 0.533% |
| 12 | 6.642 | 785 | 797 | 809 | rVB2 | 118765 | 370380 | 6.70% | 0.479% |
| 13 | 6.783 | 809 | 821 | 830 | rBV3 | 73818 | 224155 | 4.06% | 0.290% |
| 14 | 7.065 | 859 | 869 | 884 | rVV3 | 92009 | 284695 | 5.15% | 0.368% |
| 15 | 7.206 | 884 | 893 | 900 | rVV2 | 72174 | 211374 | 3.82% | 0.273% |
| 16 | 7.306 | 900 | 910 | 932 | rVV | 726315 | 2224361 | 40.24% | 2.878% |
| 17 | 7.912 | 1005 | 1013 | 1018 | rBV3 | 37515 | 92836 | 1.68% | 0.120% |
| 18 | 7.983 | 1018 | 1025 | 1034 | rVB2 | 108658 | 265040 | 4.79% | 0.343% |
| 19 | 8.147 | 1044 | 1053 | 1057 | rBV | 205789 | 511132 | 9.25% | 0.661% |
| 20 | 8.206 | 1057 | 1063 | 1075 | rVV3 | 488654 | 1857225 | 33.60% | 2.403% |
| 21 | 8.312 | 1075 | 1081 | 1091 | rVB2 | 244861 | 622216 | 11.26% | 0.805% |
| 22 | 8.424 | 1091 | 1100 | 1107 | rBV | 290860 | 659081 | 11.92% | 0.853% |
| 23 | 8.559 | 1116 | 1123 | 1138 | rVB4 | 217586 | 595118 | 10.77% | 0.770% |
| 24 | 8.741 | 1138 | 1154 | 1165 | rBV3 | 366039 | 1697426 | 30.71% | 2.196% |
| 25 | 8.836 | 1165 | 1170 | 1178 | rVB2 | 154684 | 350070 | 6.33% | 0.453% |
| 26 | 8.924 | 1178 | 1185 | 1186 | rBV | 55072 | 86519 | 1.57% | 0.112% |
| 27 | 9.083 | 1202 | 1212 | 1219 | rBV3 | 769091 | 1805879 | 32.67% | 2.337% |
| 28 | 9.235 | 1233 | 1238 | 1245 | rVB | 60313 | 110346 | 2.00% | 0.143% |
| 29 | 9.312 | 1245 | 1251 | 1255 | rVV2 | 75556 | 154077 | 2.79% | 0.199% |
| 30 | 9.359 | 1255 | 1259 | 1270 | rVB | 94001 | 211500 | 3.83% | 0.274% |
| 31 | 9.577 | 1277 | 1296 | 1312 | rBV4 | 553615 | 1760735 | 31.85% | 2.278% |
| 32 | 9.753 | 1321 | 1326 | 1332 | rVB2 | 122812 | 230763 | 4.17% | 0.299% |
| 33 | 9.847 | 1332 | 1342 | 1347 | rVB5 | 42746 | 102141 | 1.85% | 0.132% |
| 34 | 9.988 | 1360 | 1366 | 1375 | rVB | 320230 | 660944 | 11.96% | 0.855% |
| 35 | 10.077 | 1375 | 1381 | 1384 | rBV | 197766 | 358370 | 6.48% | 0.464% |
| 36 | 10.124 | 1384 | 1389 | 1395 | rVV2 | 479683 | 1001025 | 18.11% | 1.295% |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

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_N\methods\82N112425W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.182 | 1395 | 1399 | 1402 | rVV3 | 70739 | 132347 | 2.39% | 0.171% |
| 38 | 10.212 | 1402 | 1404 | 1413 | rVB3 | 82220 | 153051 | 2.77% | 0.198% |
| 39 | 10.318 | 1413 | 1422 | 1434 | rVB3 | 165368 | 431630 | 7.81% | 0.558% |
| 40 | 10.430 | 1434 | 1441 | 1444 | rBV | 122921 | 229449 | 4.15% | 0.297% |
| 41 | 10.471 | 1444 | 1448 | 1453 | rVB2 | 141056 | 239068 | 4.33% | 0.309% |
| 42 | 10.541 | 1453 | 1460 | 1468 | rBV | 905373 | 1757655 | 31.80% | 2.274% |
| 43 | 10.730 | 1484 | 1492 | 1498 | rVB5 | 102083 | 237800 | 4.30% | 0.308% |
| 44 | 10.888 | 1514 | 1519 | 1525 | rBV4 | 63477 | 130424 | 2.36% | 0.169% |
| 45 | 10.965 | 1525 | 1532 | 1542 | rVV5 | 156616 | 451842 | 8.17% | 0.585% |
| 46 | 11.059 | 1542 | 1548 | 1554 | rVB6 | 51473 | 108979 | 1.97% | 0.141% |
| 47 | 11.147 | 1554 | 1563 | 1569 | rBV5 | 53323 | 123630 | 2.24% | 0.160% |
| 48 | 11.247 | 1569 | 1580 | 1588 | rBV4 | 79000 | 295028 | 5.34% | 0.382% |
| 49 | 11.353 | 1595 | 1598 | 1602 | rVV5 | 51834 | 91096 | 1.65% | 0.118% |
| 50 | 11.394 | 1602 | 1605 | 1610 | rVV4 | 56256 | 90699 | 1.64% | 0.117% |
| 51 | 11.547 | 1627 | 1631 | 1636 | rBV4 | 55635 | 91773 | 1.66% | 0.119% |
| 52 | 11.618 | 1636 | 1643 | 1647 | rVV2 | 117725 | 225546 | 4.08% | 0.292% |
| 53 | 11.724 | 1655 | 1661 | 1666 | rBV | 142053 | 253824 | 4.59% | 0.328% |
| 54 | 11.841 | 1673 | 1681 | 1688 | rBV | 773847 | 1445384 | 26.15% | 1.870% |
| 55 | 11.941 | 1688 | 1698 | 1708 | rVV | 1126321 | 2012136 | 36.40% | 2.603% |
| 56 | 12.041 | 1708 | 1715 | 1727 | rVV | 529367 | 1171462 | 21.19% | 1.516% |
| 57 | 12.341 | 1761 | 1766 | 1770 | rBV3 | 60849 | 123471 | 2.23% | 0.160% |
| 58 | 12.453 | 1781 | 1785 | 1791 | rVB2 | 61035 | 109356 | 1.98% | 0.141% |
| 59 | 12.541 | 1791 | 1800 | 1811 | rBV2 | 48893 | 215539 | 3.90% | 0.279% |
| 60 | 12.671 | 1815 | 1822 | 1832 | rBV | 910443 | 1667356 | 30.16% | 2.157% |
| 61 | 12.824 | 1842 | 1848 | 1858 | rVB | 570350 | 1204494 | 21.79% | 1.558% |
| 62 | 13.012 | 1873 | 1880 | 1887 | rBV | 3431647 | 5527574 | 100.00% | 7.152% |
| 63 | 13.071 | 1887 | 1890 | 1892 | rVV | 68636 | 101394 | 1.83% | 0.131% |
| 64 | 13.106 | 1892 | 1896 | 1900 | rVV | 238420 | 434652 | 7.86% | 0.562% |
| 65 | 13.147 | 1900 | 1903 | 1911 | rVB | 298409 | 486479 | 8.80% | 0.629% |
| 66 | 13.312 | 1922 | 1931 | 1938 | rBV | 464485 | 887431 | 16.05% | 1.148% |
| 67 | 13.406 | 1943 | 1947 | 1952 | rVB2 | 43238 | 73186 | 1.32% | 0.095% |
| 68 | 13.459 | 1952 | 1956 | 1960 | rVB | 64642 | 92358 | 1.67% | 0.119% |
| 69 | 13.588 | 1968 | 1978 | 1985 | rBV3 | 384247 | 1042697 | 18.86% | 1.349% |
| 70 | 13.647 | 1985 | 1988 | 1993 | rVB | 90559 | 135821 | 2.46% | 0.176% |
| 71 | 13.700 | 1993 | 1997 | 2003 | rBV4 | 104303 | 202785 | 3.67% | 0.262% |
| 72 | 13.770 | 2003 | 2009 | 2011 | rBV | 736019 | 1289270 | 23.32% | 1.668% |
| 73 | 13.923 | 2029 | 2035 | 2039 | rBV | 1294384 | 2161318 | 39.10% | 2.796% |
| 74 | 13.970 | 2039 | 2043 | 2047 | rVV | 1809099 | 3349550 | 60.60% | 4.334% |
| 75 | 14.006 | 2047 | 2049 | 2059 | rVB3 | 953712 | 1971377 | 35.66% | 2.551% |
| 76 | 14.088 | 2059 | 2063 | 2069 | rVB | 228004 | 365013 | 6.60% | 0.472% |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

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_N\methods\82N112425W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.159 | 2069 | 2075 | 2081 | rVB | 266712 | 420766 | 7.61% | 0.544% |
| 78 | 14.218 | 2081 | 2085 | 2088 | rBV | 80822 | 126930 | 2.30% | 0.164% |
| 79 | 14.306 | 2093 | 2100 | 2106 | rBV | 2842721 | 4489495 | 81.22% | 5.809% |
| 80 | 14.370 | 2106 | 2111 | 2114 | rVV | 237367 | 413393 | 7.48% | 0.535% |
| 81 | 14.418 | 2114 | 2119 | 2126 | rVB2 | 1003612 | 1754180 | 31.74% | 2.270% |
| 82 | 14.547 | 2136 | 2141 | 2147 | rBV2 | 196767 | 310058 | 5.61% | 0.401% |
| 83 | 14.629 | 2147 | 2155 | 2163 | rVB | 1525597 | 2523833 | 45.66% | 3.266% |
| 84 | 14.706 | 2163 | 2168 | 2173 | rBV | 260461 | 401822 | 7.27% | 0.520% |
| 85 | 14.900 | 2196 | 2201 | 2206 | rBV | 941281 | 1574782 | 28.49% | 2.038% |
| 86 | 15.023 | 2213 | 2222 | 2228 | rBV3 | 1514901 | 3540184 | 64.05% | 4.581% |
| 87 | 15.070 | 2228 | 2230 | 2244 | rVB2 | 216963 | 410688 | 7.43% | 0.531% |
| 88 | 15.182 | 2244 | 2249 | 2256 | rBV3 | 98312 | 179592 | 3.25% | 0.232% |
| 89 | 15.288 | 2256 | 2267 | 2272 | rVV2 | 412677 | 963528 | 17.43% | 1.247% |
| 90 | 15.335 | 2272 | 2275 | 2280 | rVV2 | 127284 | 217242 | 3.93% | 0.281% |
| 91 | 15.406 | 2280 | 2287 | 2295 | rVB2 | 283734 | 705370 | 12.76% | 0.913% |
| 92 | 15.564 | 2307 | 2314 | 2316 | rBV3 | 37957 | 77784 | 1.41% | 0.101% |
| 93 | 15.612 | 2316 | 2322 | 2329 | rVB | 255055 | 500671 | 9.06% | 0.648% |
| 94 | 15.723 | 2335 | 2341 | 2345 | rBV4 | 81374 | 156148 | 2.82% | 0.202% |
| 95 | 15.776 | 2345 | 2350 | 2365 | rVB3 | 83953 | 229664 | 4.15% | 0.297% |
| 96 | 15.917 | 2365 | 2374 | 2383 | rBV | 138888 | 318908 | 5.77% | 0.413% |
| 97 | 16.094 | 2393 | 2404 | 2414 | rBV2 | 72212 | 237620 | 4.30% | 0.307% |
| 98 | 16.217 | 2420 | 2425 | 2433 | rBV3 | 45767 | 99929 | 1.81% | 0.129% |
| 99 | 16.306 | 2433 | 2440 | 2449 | rVB5 | 62215 | 160183 | 2.90% | 0.207% |
| 100 | 16.747 | 2508 | 2515 | 2522 | rBV2 | 118529 | 273888 | 4.95% | 0.354% |

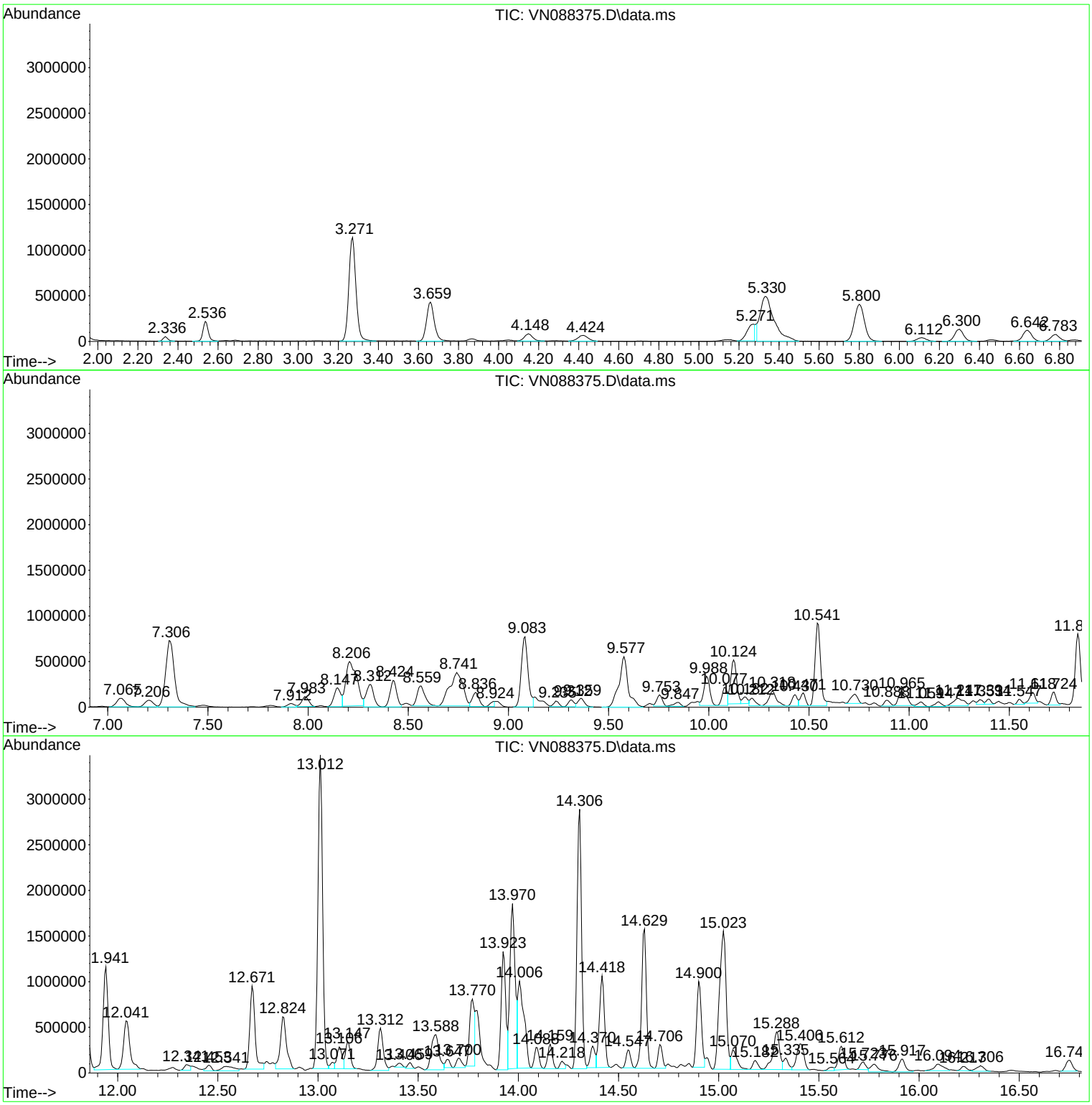
Sum of corrected areas: 77287716

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

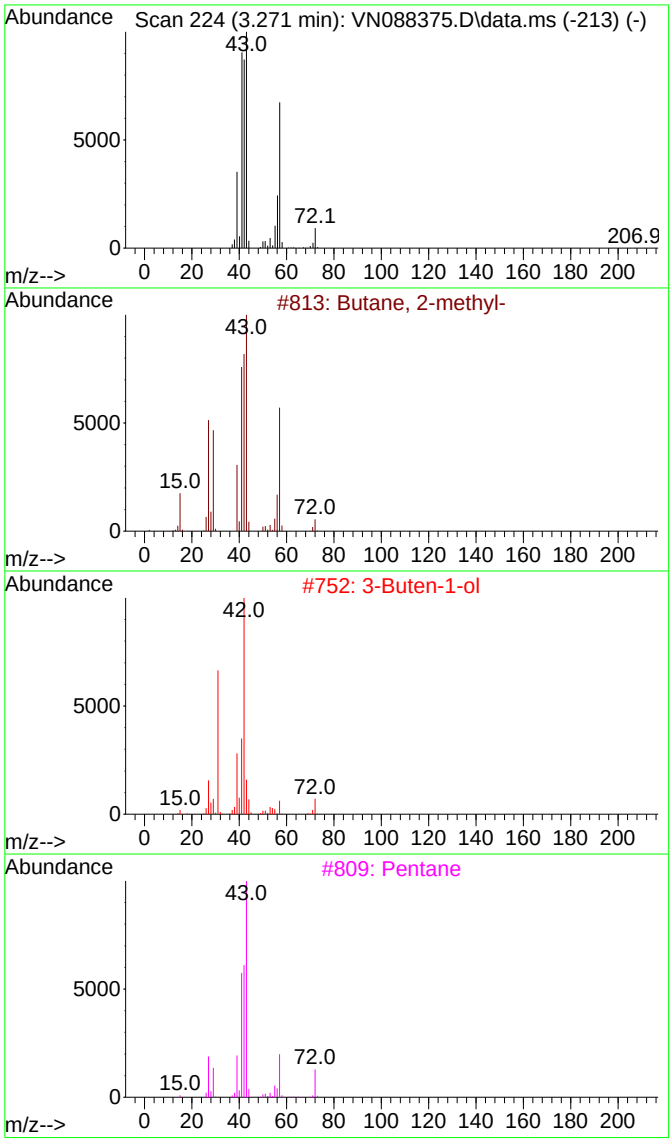
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

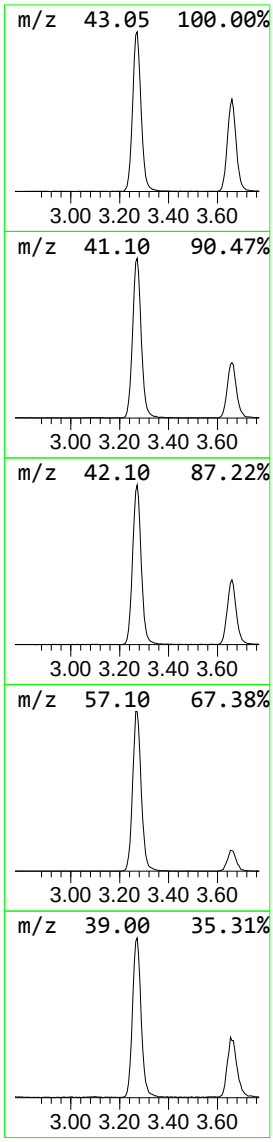
**********

Peak Number 1 Butane, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.271 | 75.10 ug/l | 2789570 | Pentafluorobenzene | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 86 |
| 2 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 40 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 36 |
| 4 | 2(3H)-Furanone, dihydro-4-methyl- | 100 | C5H8O2 | 001679-49-8 | 33 |
| 5 | 1-Butene | 56 | C4H8 | 000106-98-9 | 14 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

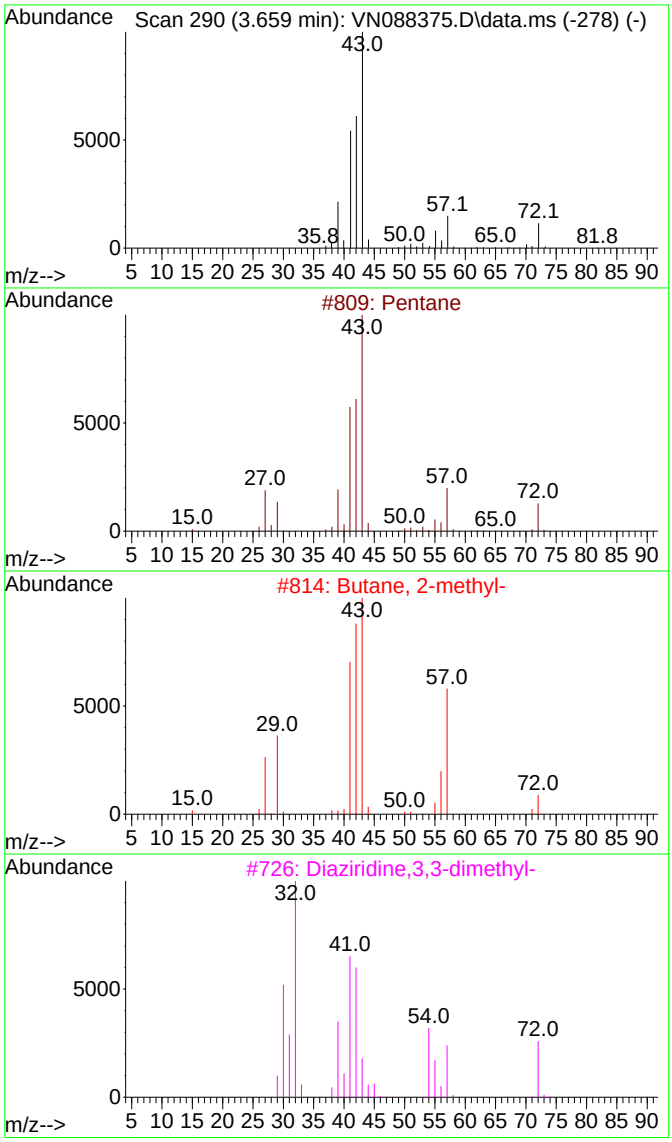
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

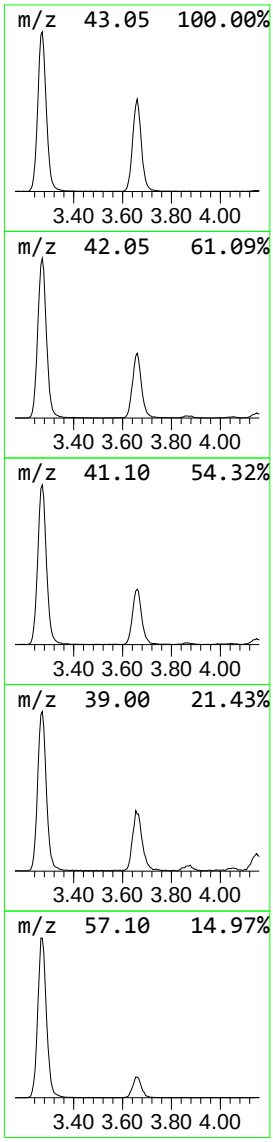
**********

Peak Number 2 Pentane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.659 | 30.54 ug/l | 1134410 | Pentafluorobenzene | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane | 72 | C5H12 | 000109-66-0 | 91 |
| 2 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 50 |
| 3 | Diaziridine,3,3-dimethyl- | 72 | C3H8N2 | 004901-76-2 | 43 |
| 4 | Oxirane, ethyl- | 72 | C4H8O | 000106-88-7 | 40 |
| 5 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 32 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

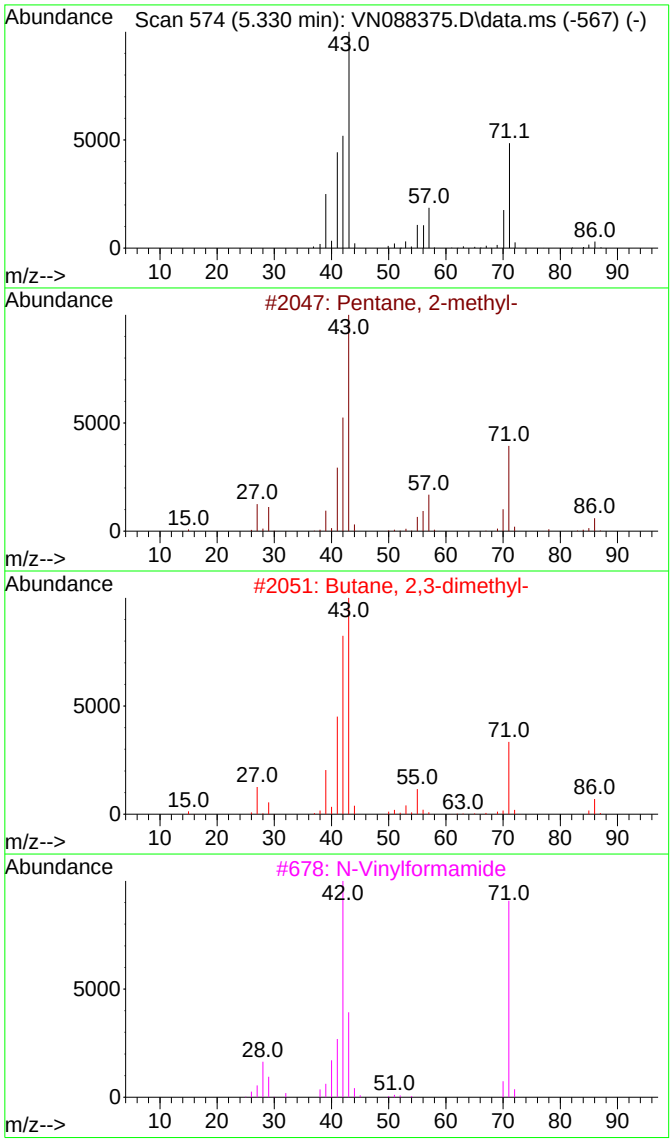
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

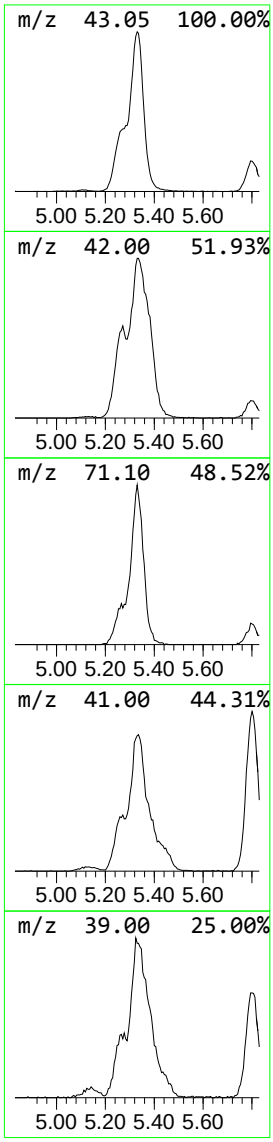
**********

Peak Number 3 Pentane, 2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.330 | 63.29 ug/l | 2350830 | Pentafluorobenzene | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 91 |
| 2 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 59 |
| 3 | N-Vinylformamide | 71 | C3H5NO | 013162-05-5 | 50 |
| 4 | Pentane, 3,3-dimethyl- | 100 | C7H16 | 000562-49-2 | 37 |
| 5 | Hexane, 2,3-dimethyl- | 114 | C8H18 | 000584-94-1 | 28 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

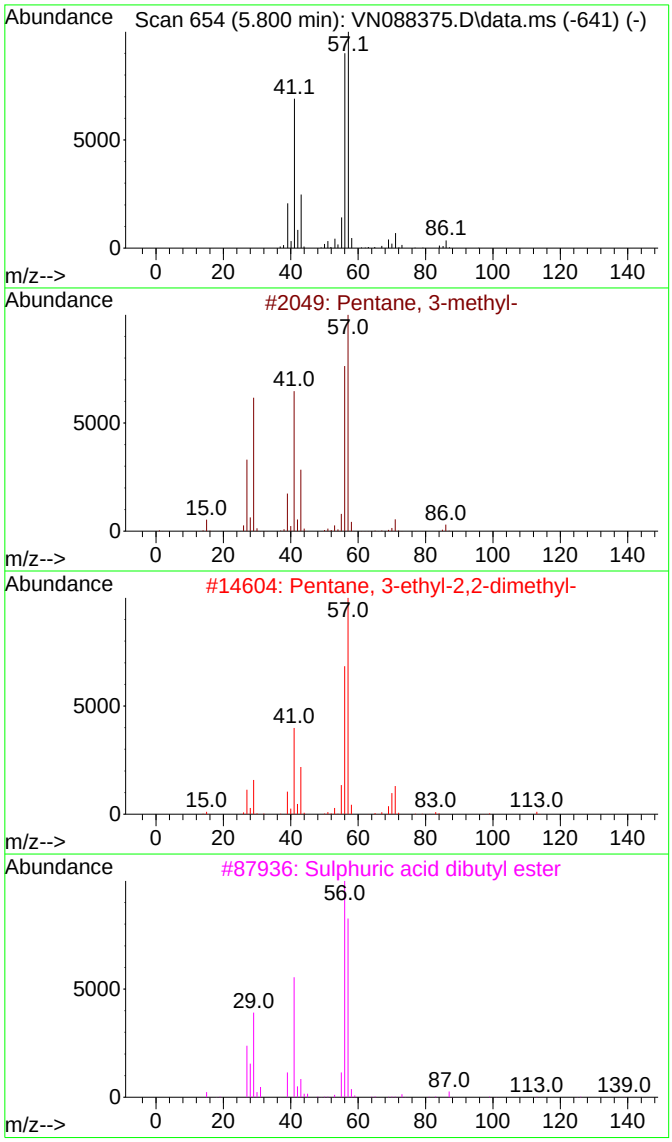
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

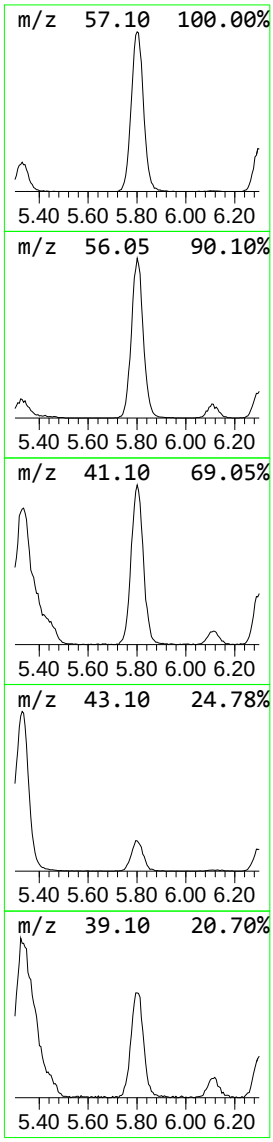
**********

Peak Number 4 Pentane, 3-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.800 | 38.06 ug/l | 1413570 | Pentafluorobenzene | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 86 |
| 2 | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20 | 016747-32-3 | 56 |
| 3 | Sulphuric acid dibutyl ester | 210 | C8H18O4S | 000625-22-9 | 50 |
| 4 | Propane, 2-cyclopropyl- | 84 | C6H12 | 003638-35-5 | 42 |
| 5 | Oxirane, (1-methylethyl)- | 86 | C5H10O | 001438-14-8 | 42 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

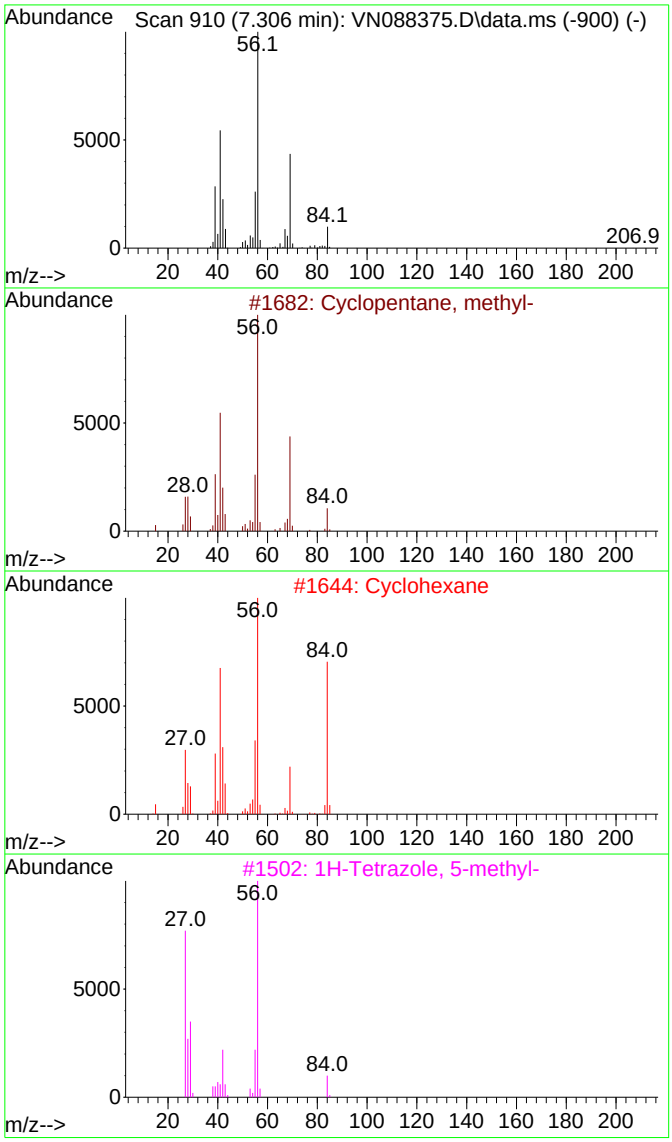
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

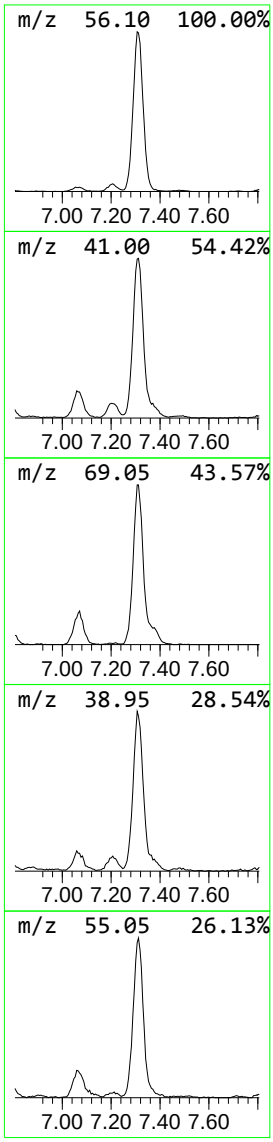
**********

Peak Number 5 Cyclopentane, methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.306 | 59.88 ug/l | 2224360 | Pentafluorobenzene | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 91 |
| 2 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 90 |
| 3 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 4 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 64 |
| 5 | Cyclobutane | 56 | C4H8 | 000287-23-0 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

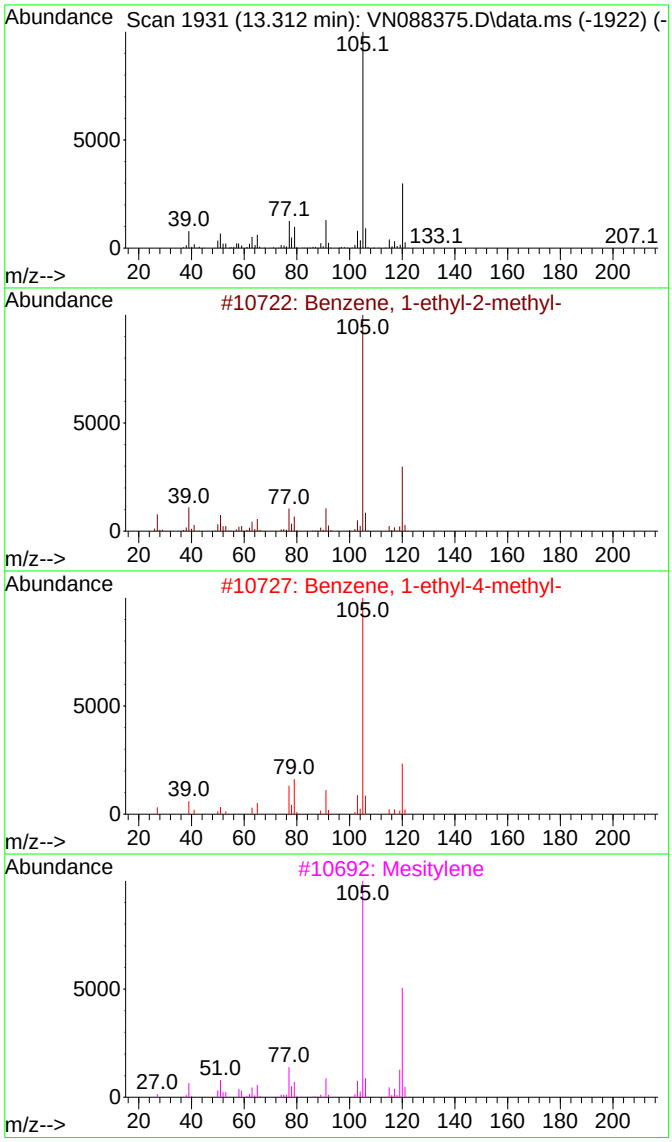
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

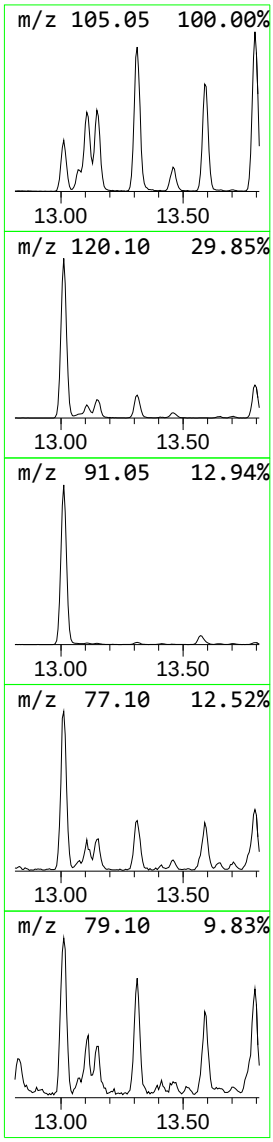
**********

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.312 | 34.42 ug/l | 887431 | 1,4-Dichlorobenzene-d4 | 13.765 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

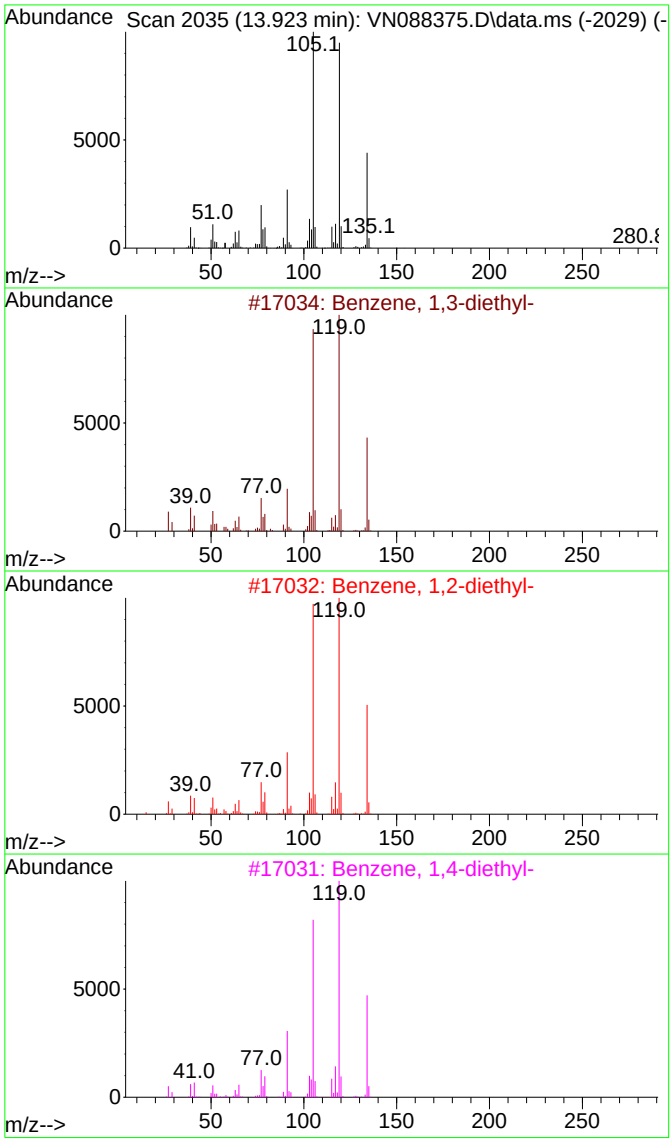
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

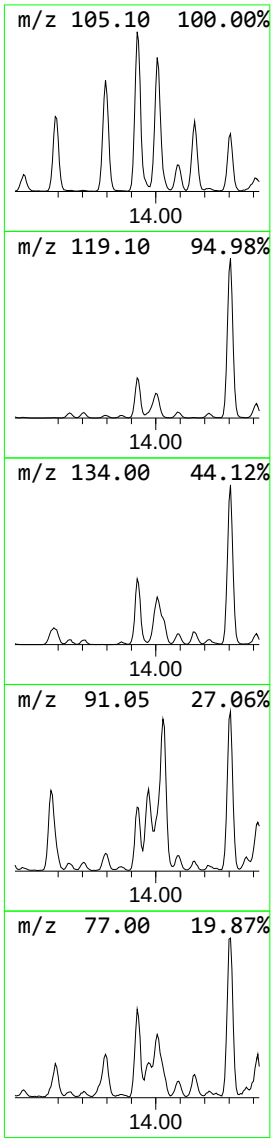
**********

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.923 | 83.82 ug/l | 2161320 | 1,4-Dichlorobenzene-d4 | 13.765 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 97 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 94 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 87 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

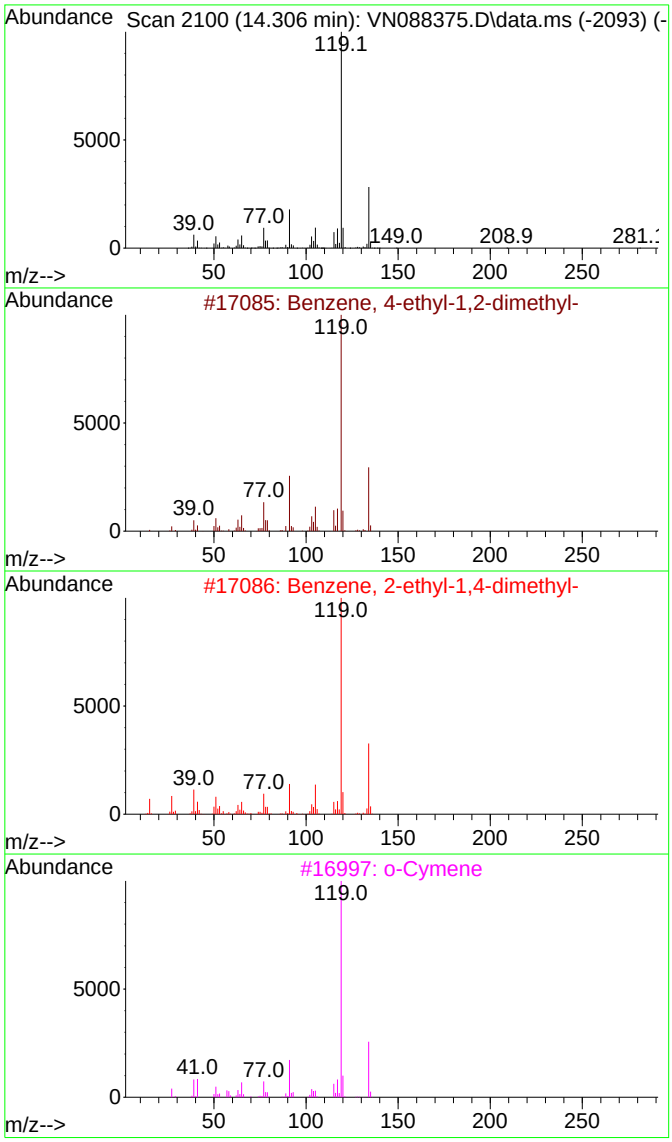
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

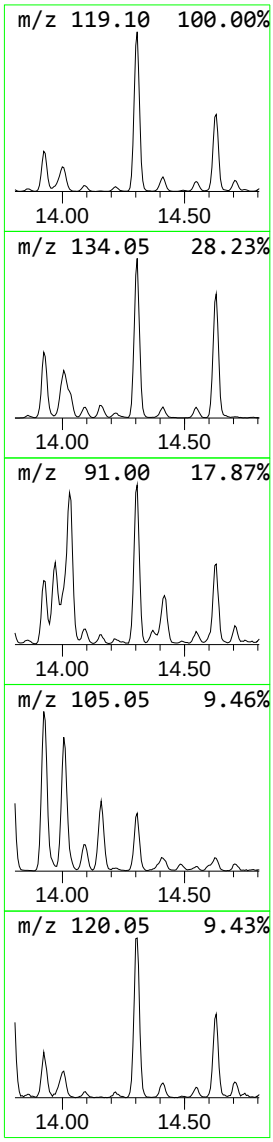
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.306 | 174.11 ug/l | 4489500 | 1,4-Dichlorobenzene-d4 | 13.765 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

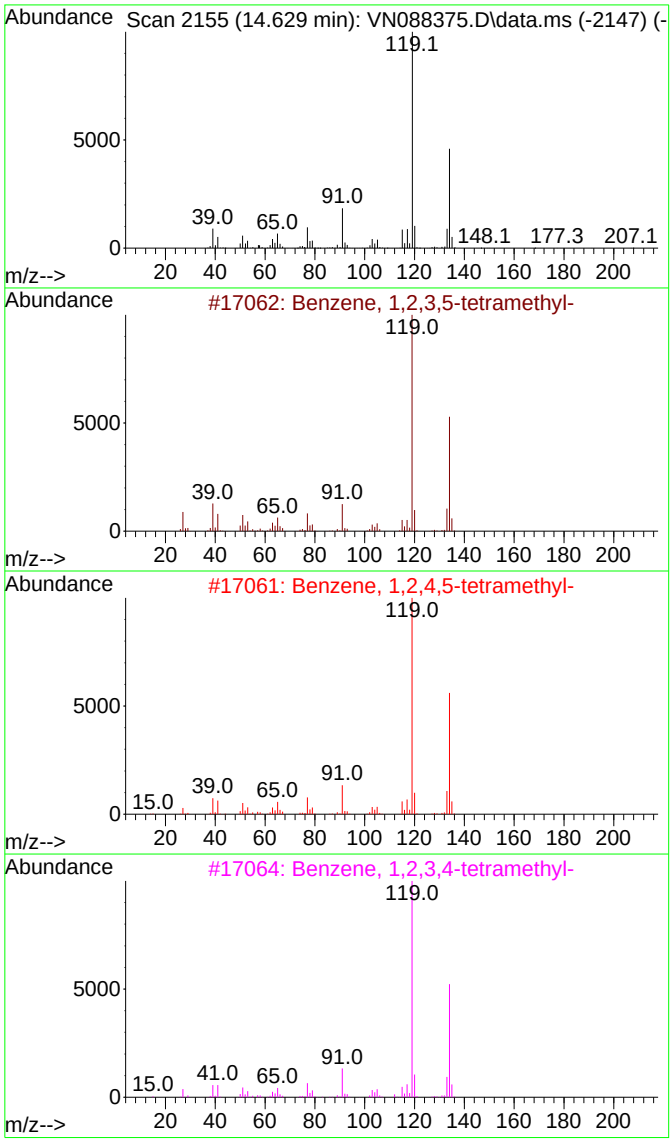
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

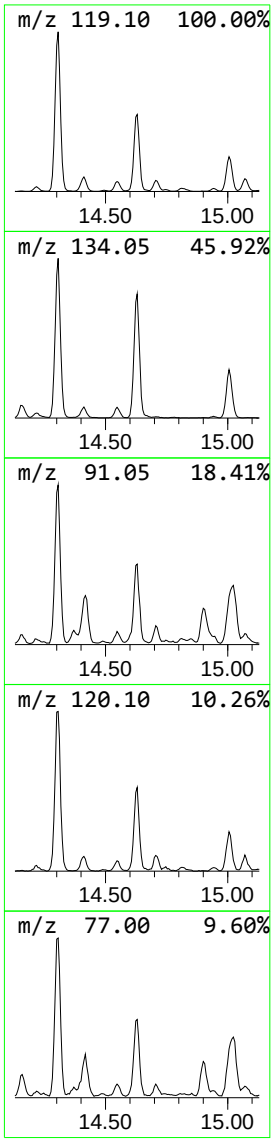
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.629 | 97.88 ug/l | 2523830 | 1,4-Dichlorobenzene-d4 | 13.765 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

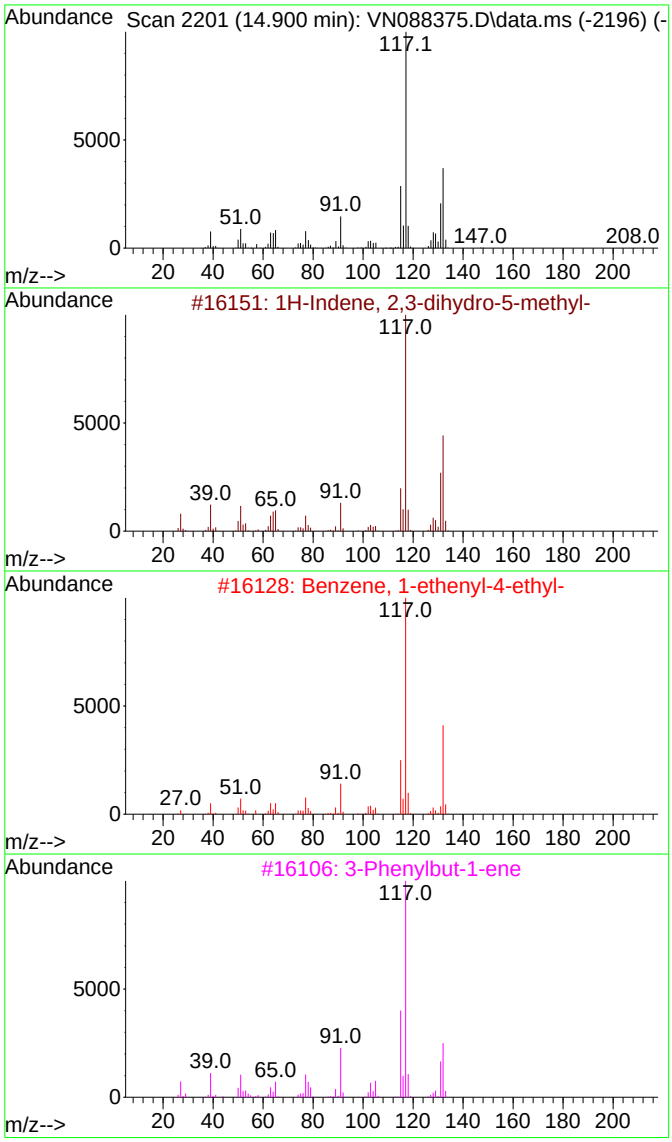
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

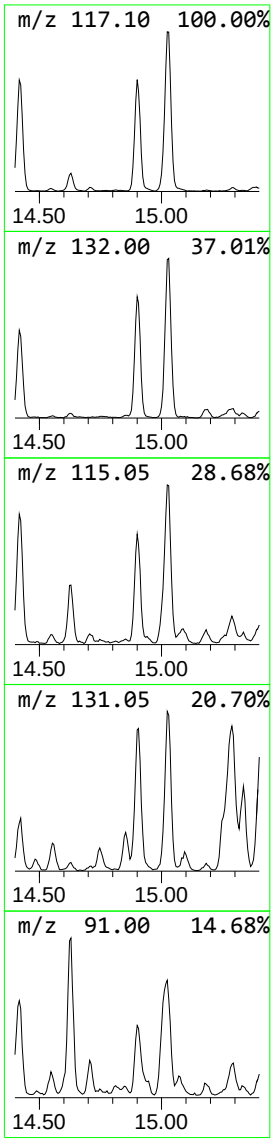
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.900 | 61.07 ug/l | 1574780 | 1,4-Dichlorobenzene-d4 | 13.765 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 96 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 3 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 91 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

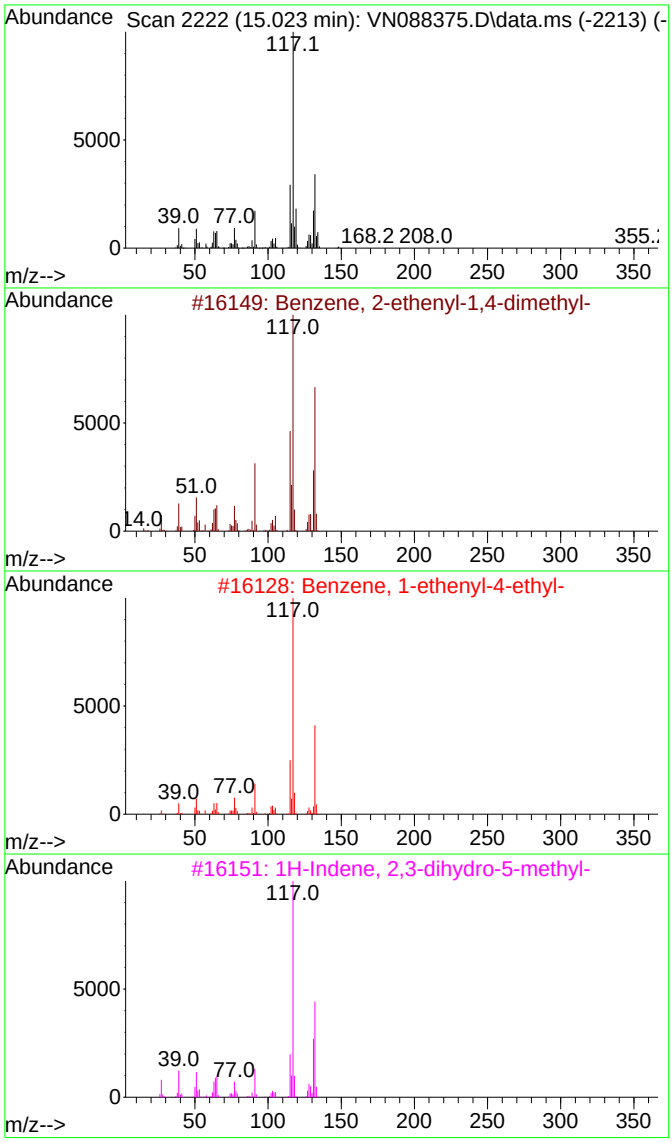
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

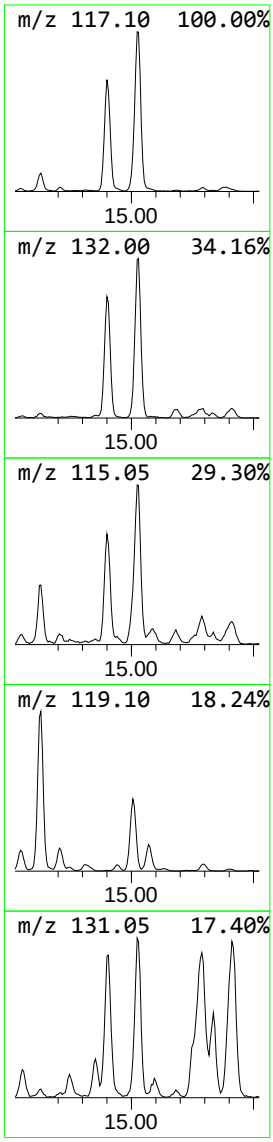
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.023 | 137.29 ug/l | 3540180 | 1,4-Dichlorobenzene-d4 | 13.765 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 96 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 94 |
| 4 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 93 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088375.D
Acq On : 01 Dec 2025 12:30
Operator : JC\MD
Sample : Q3715-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-methyl- | 3.271 | 75.1 | ug/l | 2789570 | 1 | 8.206 | 1857230 | 50.0 |
| Pentane | 3.659 | 30.5 | ug/l | 1134410 | 1 | 8.206 | 1857230 | 50.0 |
| Pentane, 2-methyl- | 5.330 | 63.3 | ug/l | 2350830 | 1 | 8.206 | 1857230 | 50.0 |
| Pentane, 3-methyl- | 5.800 | 38.1 | ug/l | 1413570 | 1 | 8.206 | 1857230 | 50.0 |
| Cyclopentane, m... | 7.306 | 59.9 | ug/l | 2224360 | 1 | 8.206 | 1857230 | 50.0 |
| Benzene, 1-ethy... | 13.312 | 34.4 | ug/l | 887431 | 4 | 13.765 | 1289270 | 50.0 |
| Benzene, 1,3-di... | 13.923 | 83.8 | ug/l | 2161320 | 4 | 13.765 | 1289270 | 50.0 |
| Benzene, 4-ethy... | 14.306 | 174.1 | ug/l | 4489500 | 4 | 13.765 | 1289270 | 50.0 |
| Benzene, 1,2,3,... | 14.629 | 97.9 | ug/l | 2523830 | 4 | 13.765 | 1289270 | 50.0 |
| 1H-Indene, 2,3-... | 14.900 | 61.1 | ug/l | 1574780 | 4 | 13.765 | 1289270 | 50.0 |
| Benzene, 2-ethe... | 15.023 | 137.3 | ug/l | 3540180 | 4 | 13.765 | 1289270 | 50.0 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048679.D
Acq On : 25 Nov 2025 13:00
Operator : JC/MD
Sample : Q3715-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

Quant Time: Nov 26 01:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

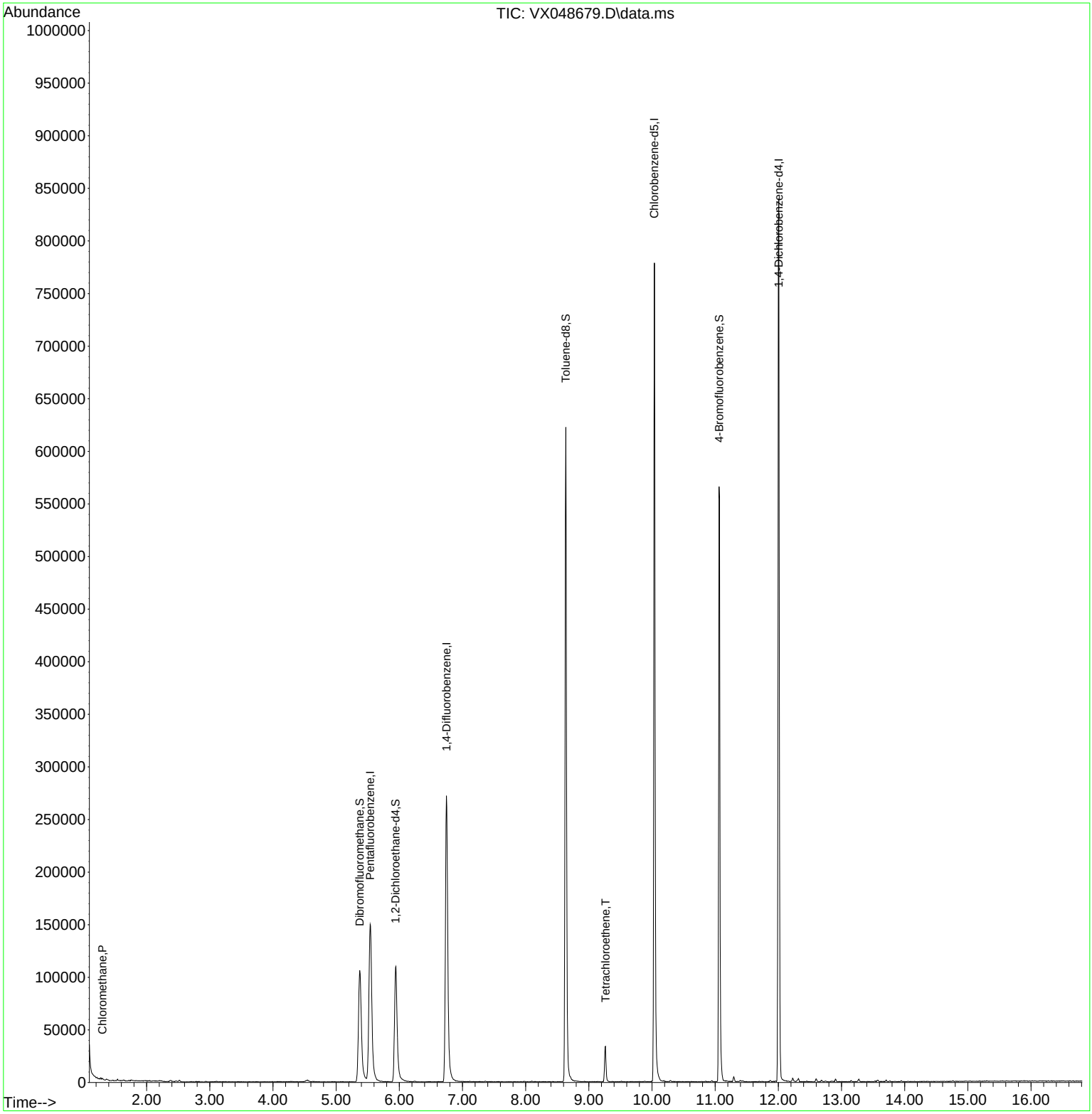
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 166997 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 305521 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 379381 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 188892 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 119607 | 51.400 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 102.800% | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 108925 | 47.105 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 94.220% | | | |
| 50) Toluene-d8 | 8.635 | 98 | 397876 | 55.169 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 110.340% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 161369 | 60.041 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 120.080% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.301 | 50 | 930 | 0.518 | ug/l # | 80 |
| 64) Tetrachloroethene | 9.263 | 164 | 7016 | 2.546 | ug/l | 93 |

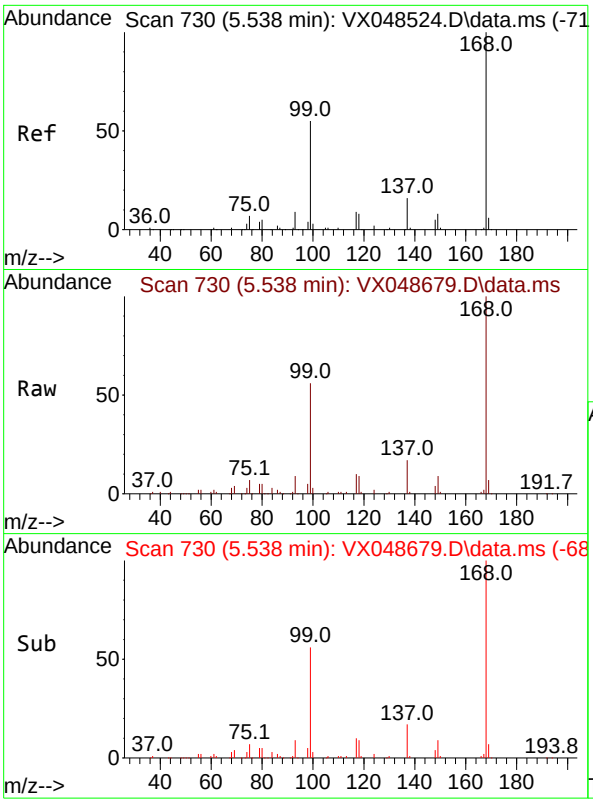
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048679.D
Acq On : 25 Nov 2025 13:00
Operator : JC/MD
Sample : Q3715-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

Quant Time: Nov 26 01:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



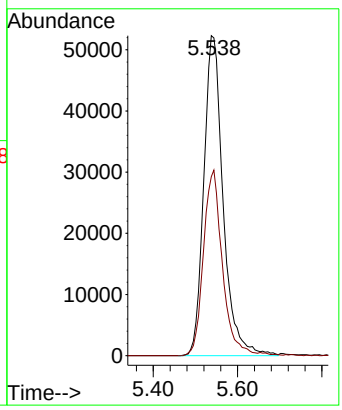


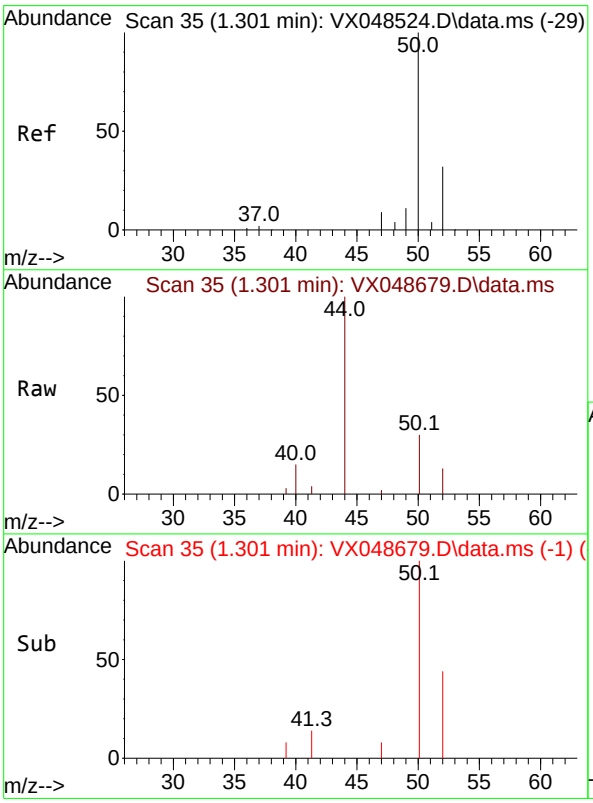

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

Tgt Ion:168 Resp: 166997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.9 | 45.2 | 67.8 |

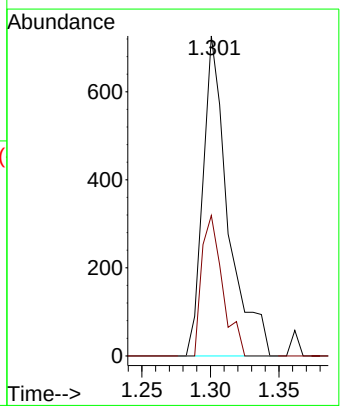


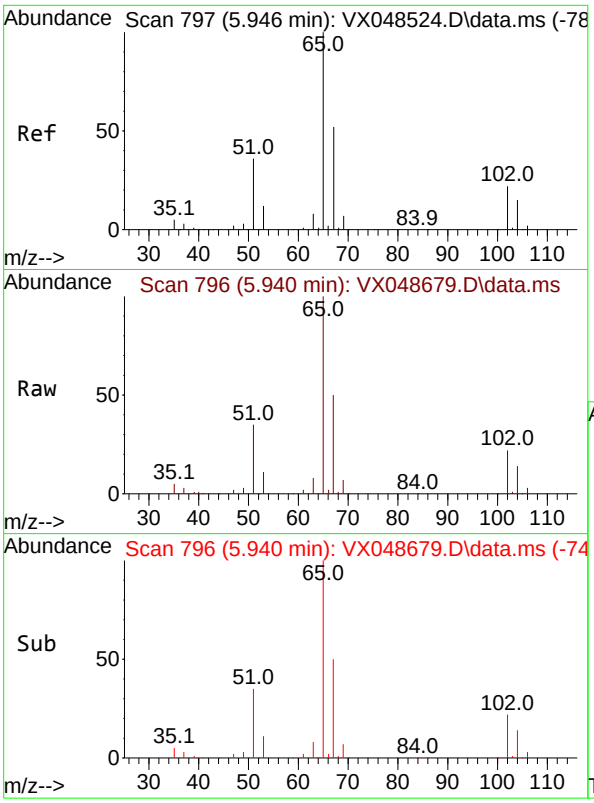




#3
Chloromethane
Concen: 0.518 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion: 50 Resp: 930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 43.9 | 26.0 | 39.0# |



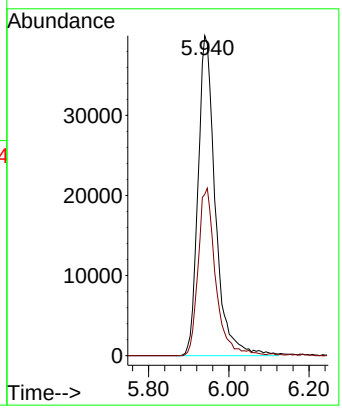


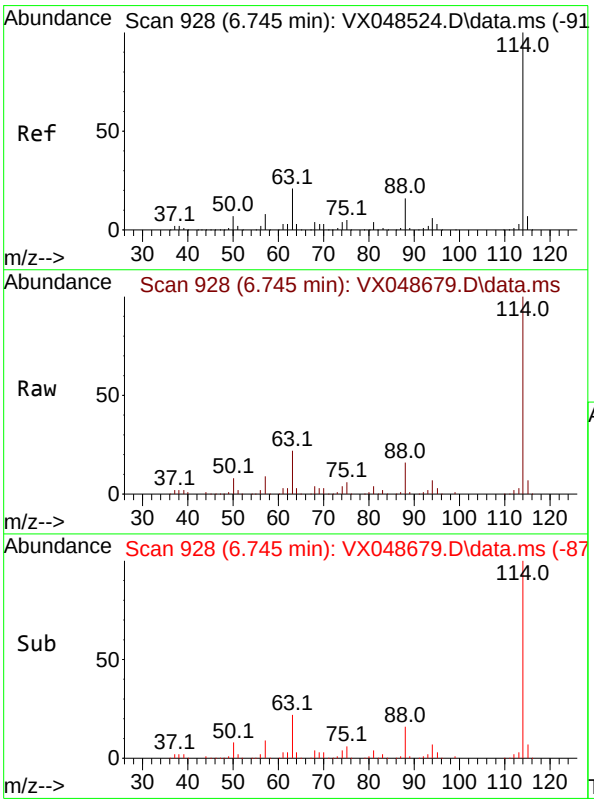

#33
1,2-Dichloroethane-d4
Concen: 51.400 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

Tgt Ion: 65 Resp: 119607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.0 | 0.0 | 106.2 |

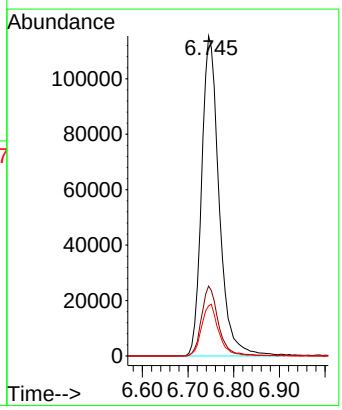


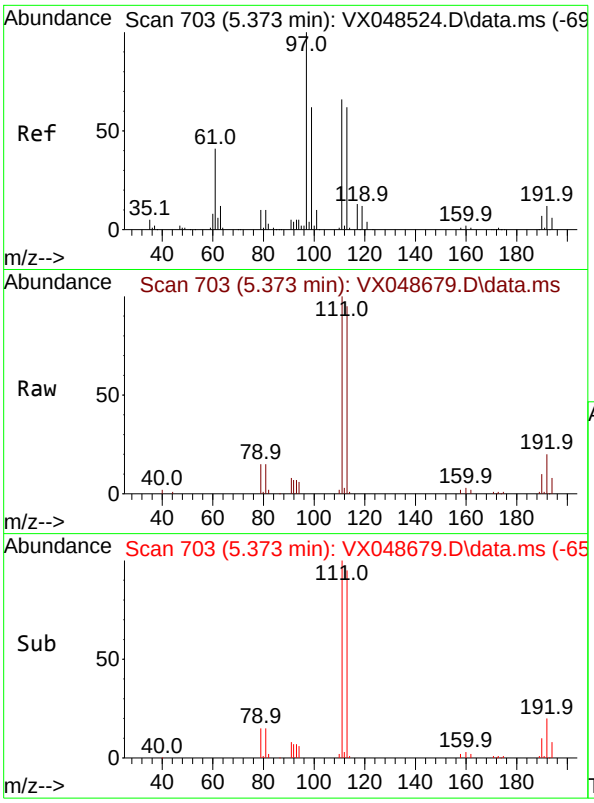




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion:114 Resp: 305521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.8 | 0.0 | 41.2 |
| 88 | 15.7 | 0.0 | 32.2 |



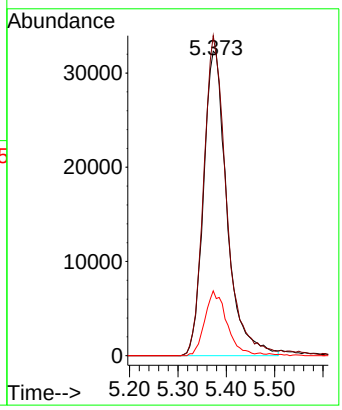


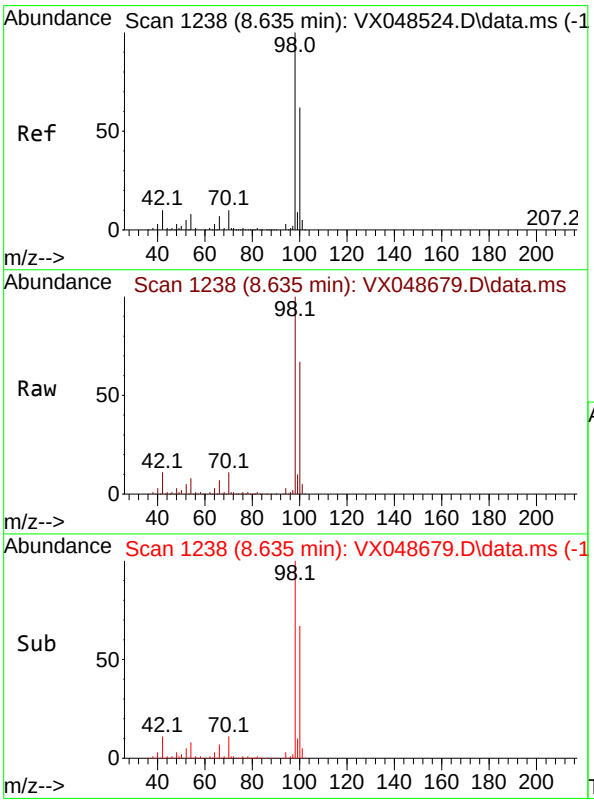

#35
Dibromofluoromethane
Concen: 47.105 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

Tgt Ion:113 Resp: 108925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.5 | 81.9 | 122.9 |
| 192 | 19.9 | 15.8 | 23.6 |

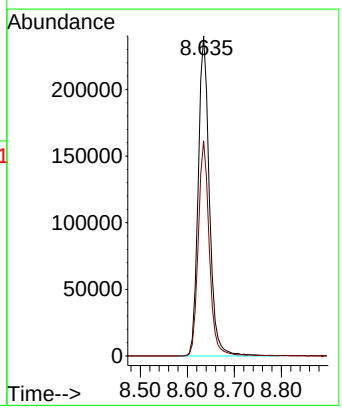


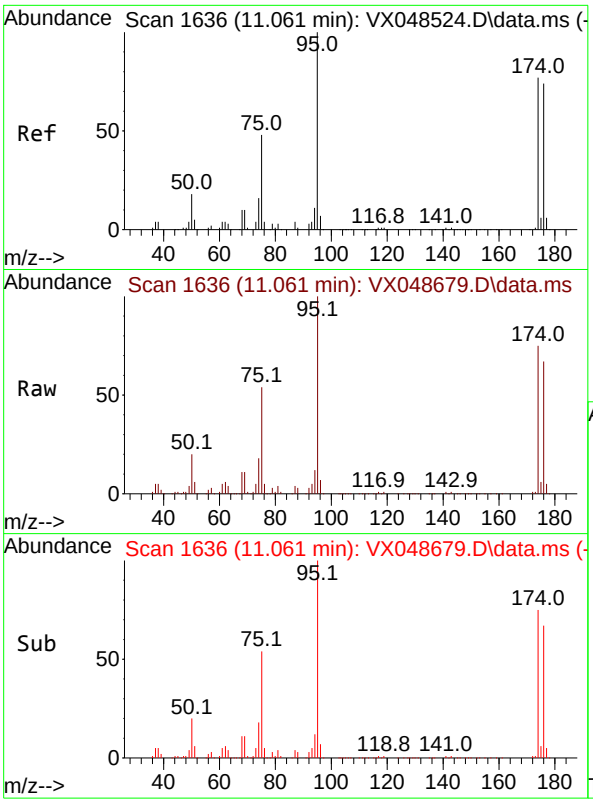




#50
Toluene-d8
Concen: 55.169 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion: 98 Resp: 397876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.3 | 53.6 | 80.4 |



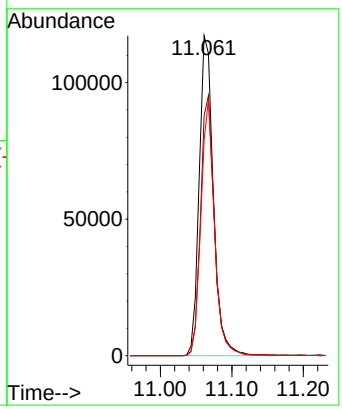


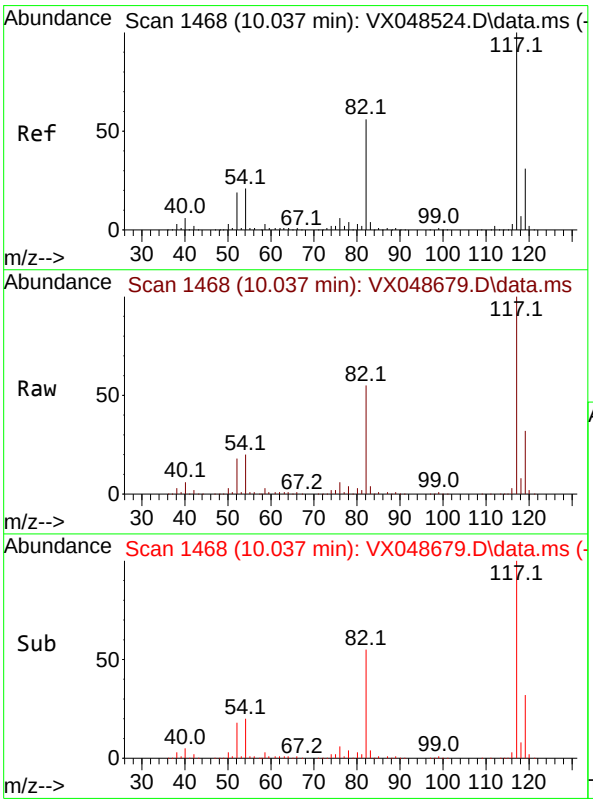

#62
4-Bromofluorobenzene
Concen: 60.041 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

Tgt Ion: 95 Resp: 161369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.3 | 0.0 | 161.8 |
| 176 | 76.4 | 0.0 | 153.6 |

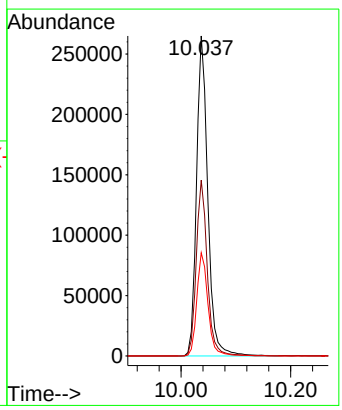


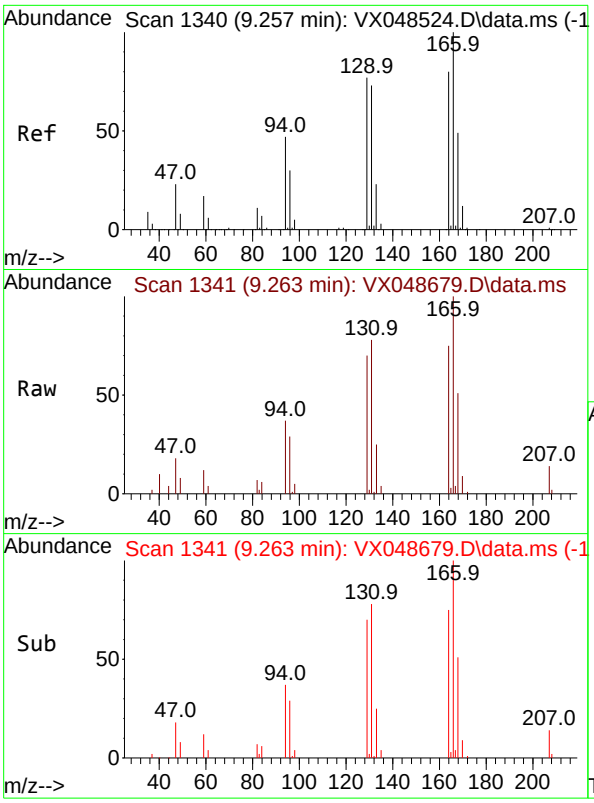

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion:117 Resp: 379381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.0 | 44.4 | 66.6 |
| 119 | 32.2 | 25.1 | 37.7 |



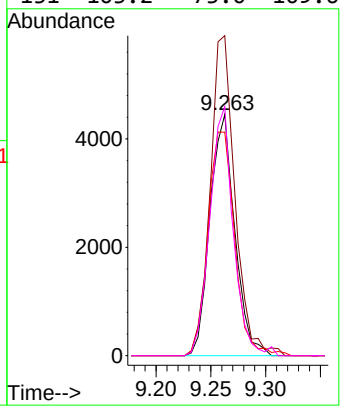
**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

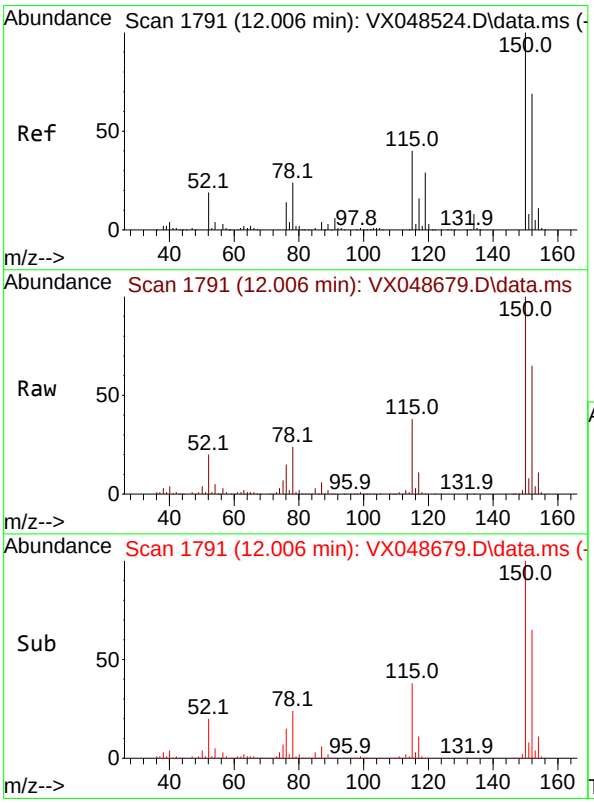



#64
Tetrachloroethene
Concen: 2.546 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion:164 Resp: 7016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 132.7 | 100.6 | 150.8 |
| 129 | 92.7 | 77.6 | 116.4 |
| 131 | 103.2 | 73.0 | 109.6 |

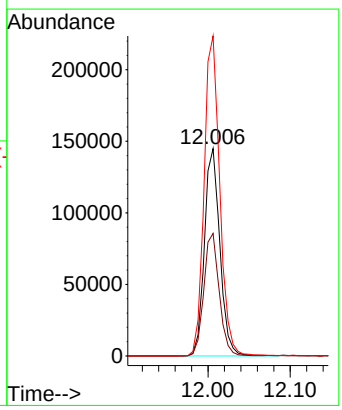



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion:152 Resp: 188892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.0 | 39.2 | 117.6 |
| 150 | 156.6 | 0.0 | 347.0 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048679.D
Acq On : 25 Nov 2025 13:00
Operator : JC/MD
Sample : Q3715-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048679.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.373 | 691 | 703 | 721 | rBV | 106101 | 350909 | 31.08% | 5.854% |
| 2 | 5.538 | 721 | 730 | 756 | rVB | 149459 | 483984 | 42.87% | 8.074% |
| 3 | 5.946 | 786 | 797 | 820 | rBV | 109677 | 327911 | 29.04% | 5.471% |
| 4 | 6.745 | 919 | 928 | 952 | rBV | 271774 | 719351 | 63.72% | 12.001% |
| 5 | 8.635 | 1231 | 1238 | 1256 | rBV | 621774 | 1028262 | 91.08% | 17.155% |
| 6 | 9.263 | 1334 | 1341 | 1353 | rVB | 33684 | 55192 | 4.89% | 0.921% |
| 7 | 10.037 | 1462 | 1468 | 1490 | rBV | 777875 | 1111078 | 98.41% | 18.536% |
| 8 | 11.061 | 1631 | 1636 | 1647 | rBV | 565561 | 788330 | 69.83% | 13.152% |
| 9 | 12.006 | 1785 | 1791 | 1801 | rBV | 839197 | 1128992 | 100.00% | 18.835% |

Sum of corrected areas: 5994009

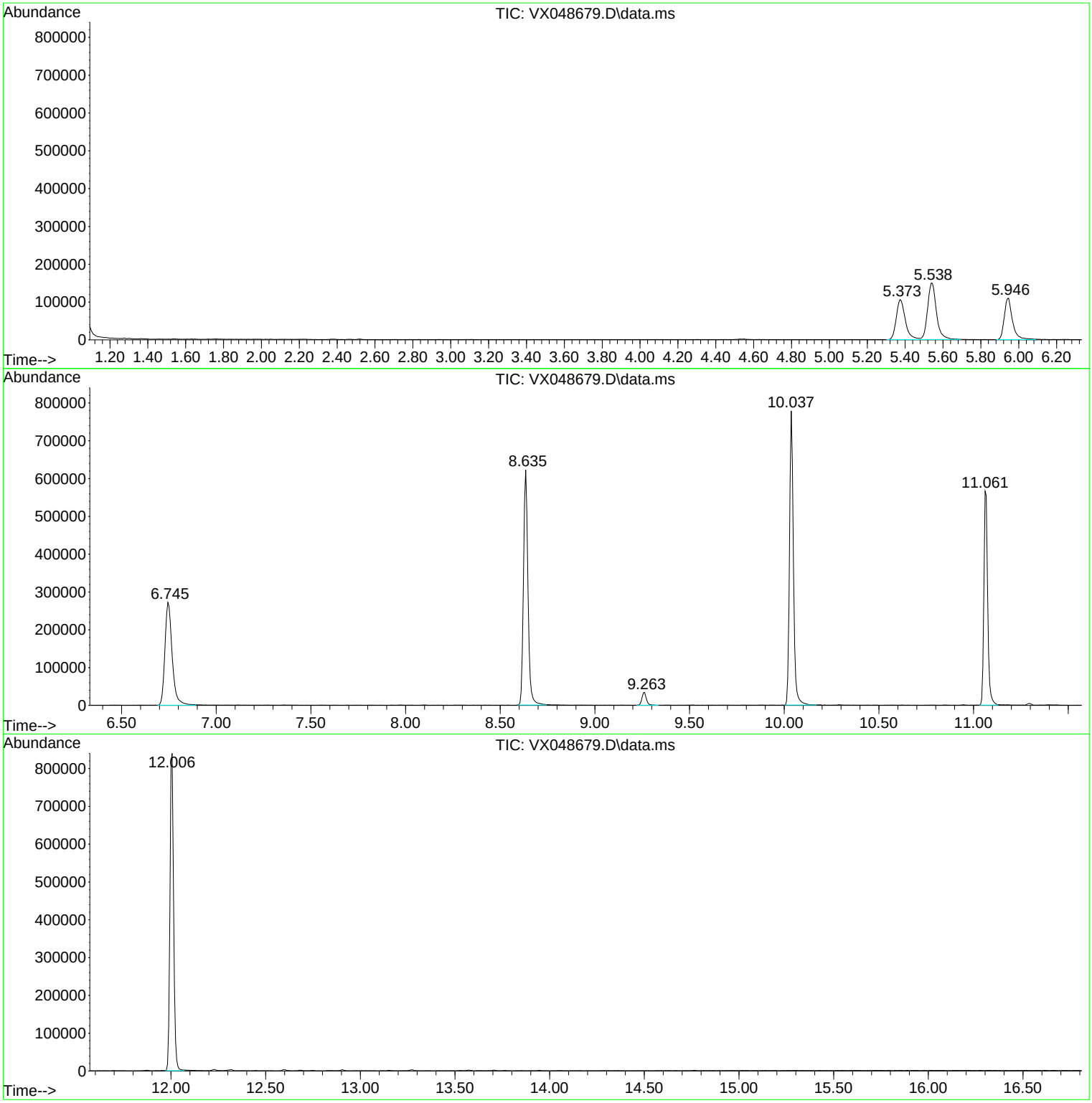
Sample Results: **VX048679.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048679.D
Acq On : 25 Nov 2025 13:00
Operator : JC/MD
Sample : Q3715-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048679.D
Acq On : 25 Nov 2025 13:00
Operator : JC/MD
Sample : Q3715-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048679.D
Acq On : 25 Nov 2025 13:00
Operator : JC/MD
Sample : Q3715-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

Quant Time: Dec 02 00:09:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.200 | 168 | 188076 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.082 | 114 | 435319 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.841 | 117 | 418422 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152 | 198799 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.559 | 65 | 204928 | 57.841 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 115.680% | | | |
| 35) Dibromofluoromethane | 8.147 | 113 | 157356 | 52.161 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 104.320% | | | |
| 50) Toluene-d8 | 10.541 | 98 | 561082 | 49.987 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 99.980% | | | |
| 62) 4-Bromofluorobenzene | 12.829 | 95 | 201912 | 52.426 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 104.860% | | | |

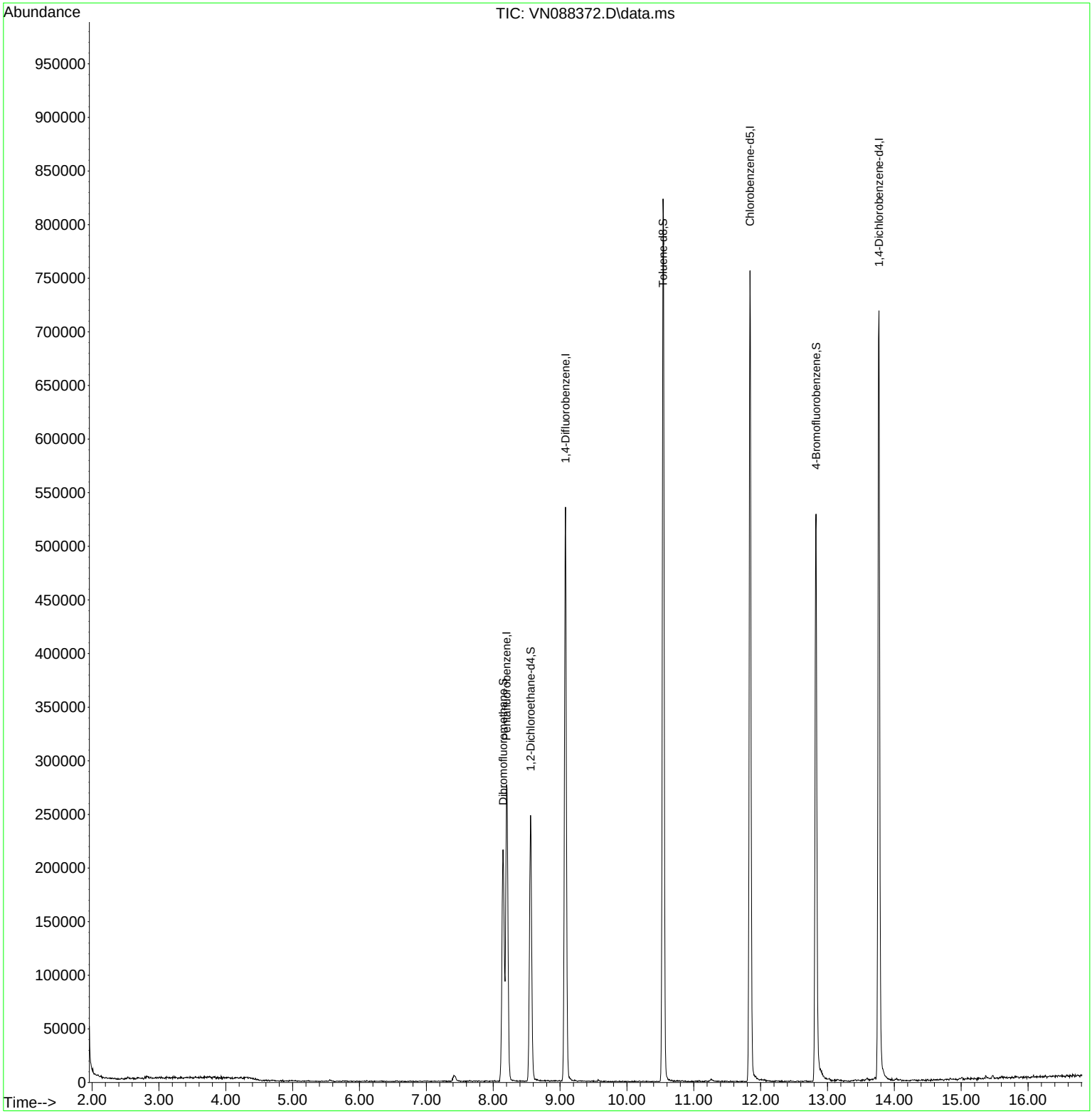
Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

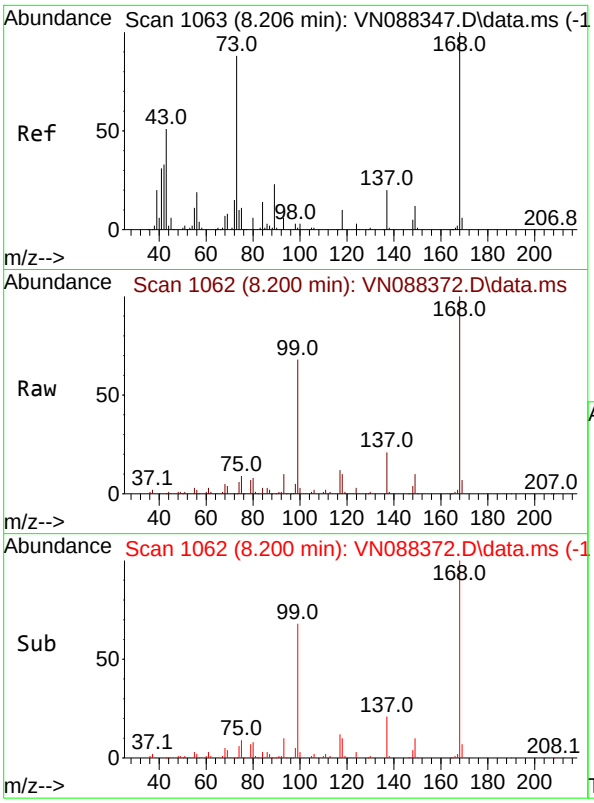
**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

Quant Time: Dec 02 00:09:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration



5

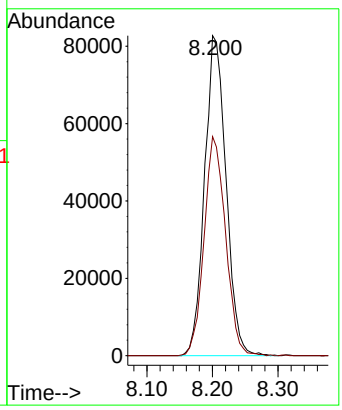
**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

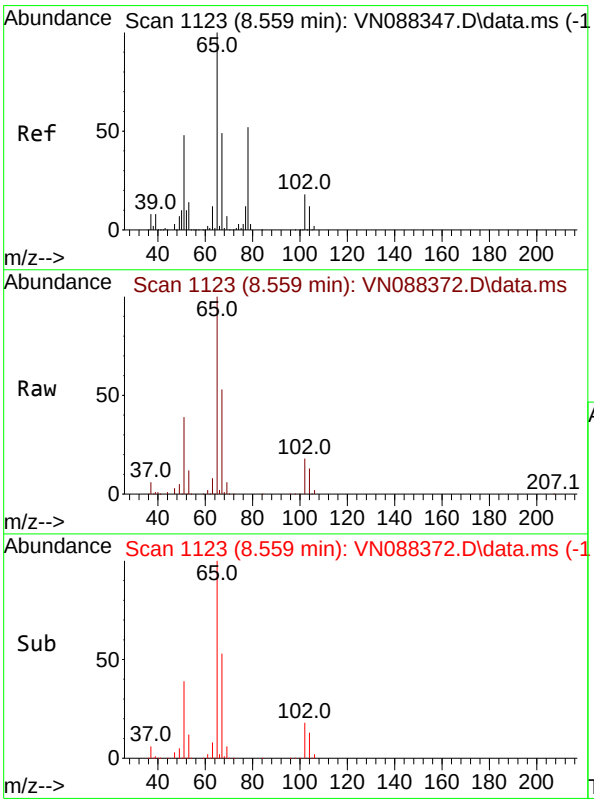



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion:168 Resp: 188076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 68.5 | 57.1 | 85.7 |

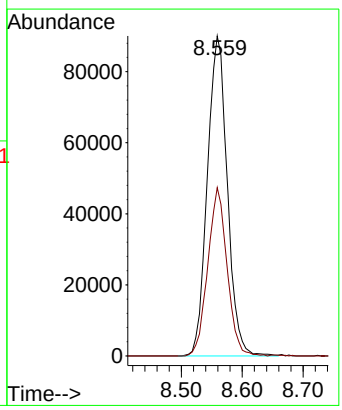


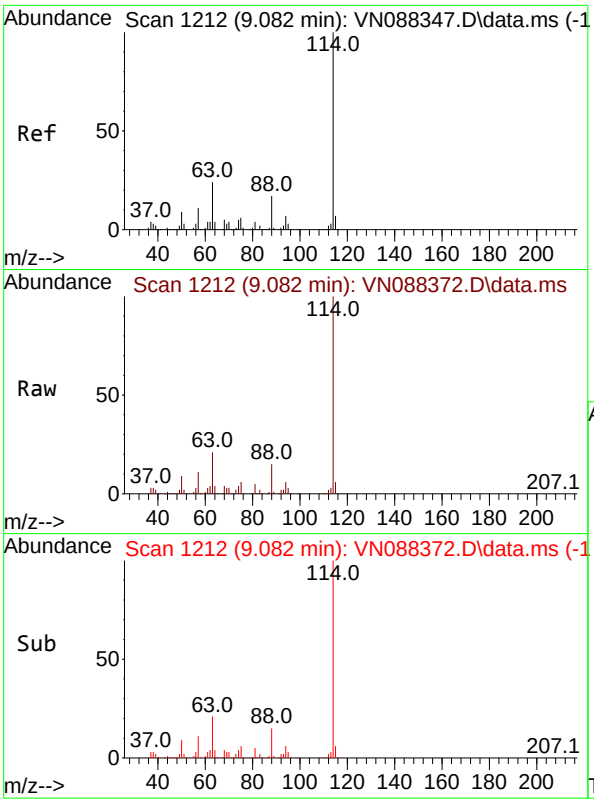




#33
1,2-Dichloroethane-d4
Concen: 57.841 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion: 65 Resp: 204928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.8 | 0.0 | 100.8 |



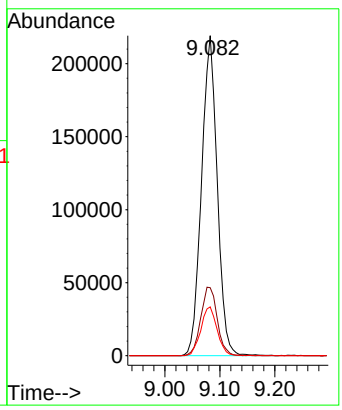


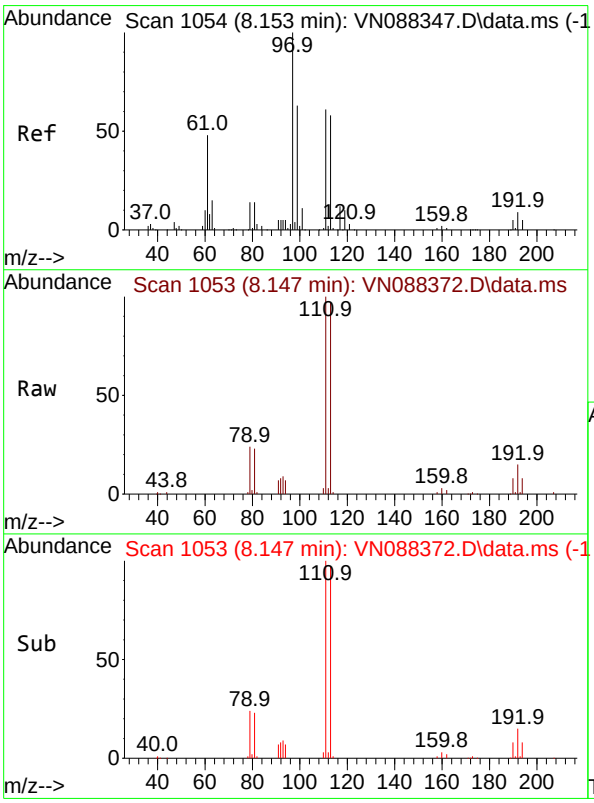

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

Tgt Ion:114 Resp: 435319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.3 | 0.0 | 49.0 |
| 88 | 15.3 | 0.0 | 34.0 |

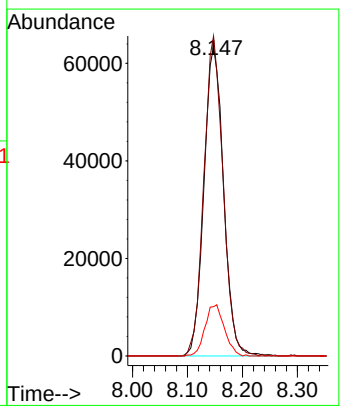


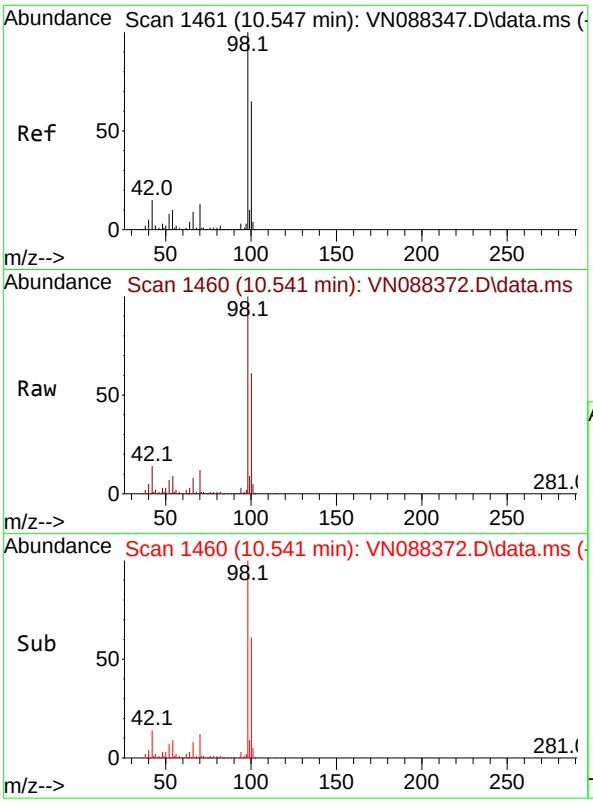




#35
Dibromofluoromethane
Concen: 52.161 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion:113 Resp: 157356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.1 | 82.5 | 123.7 |
| 192 | 16.3 | 12.8 | 19.2 |



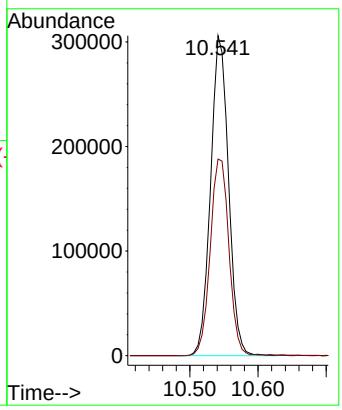


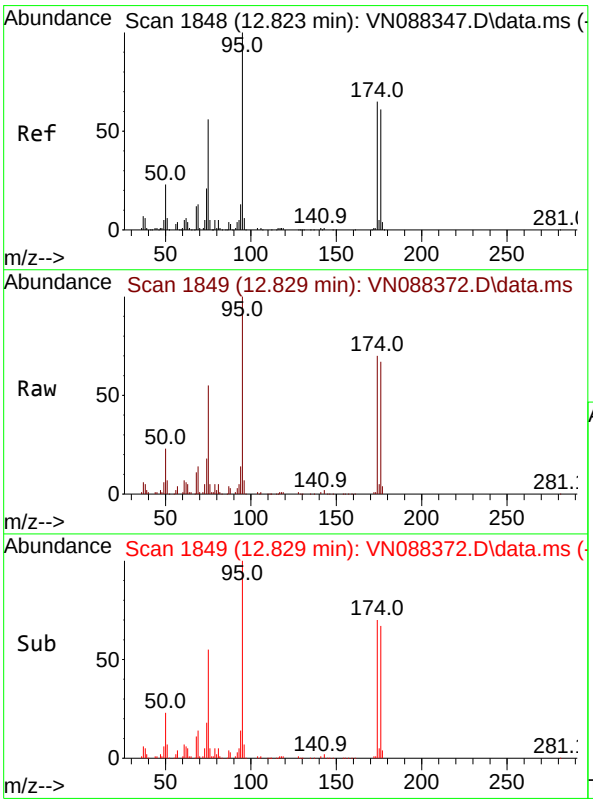

#50
Toluene-d8
Concen: 49.987 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

Tgt Ion: 98 Resp: 561082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.0 | 52.2 | 78.2 |

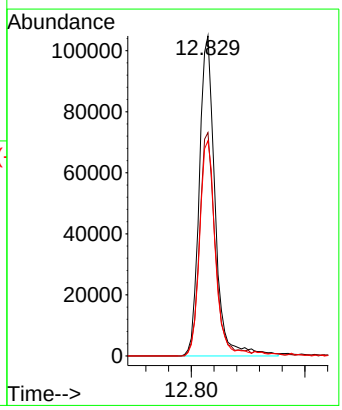


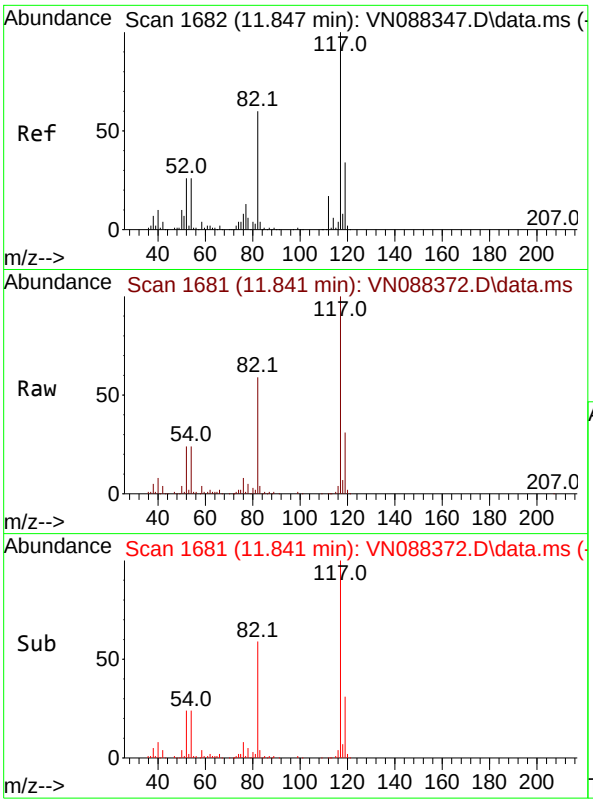




#62
4-Bromofluorobenzene
Concen: 52.426 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion: 95 Resp: 201912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 69.2 | 0.0 | 139.0 |
| 176 | 67.0 | 0.0 | 132.4 |



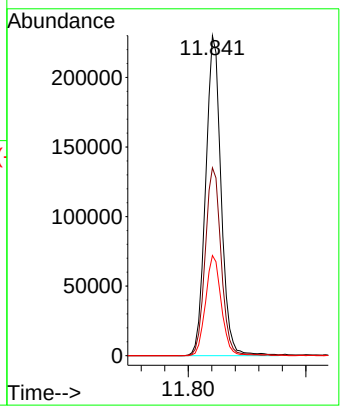


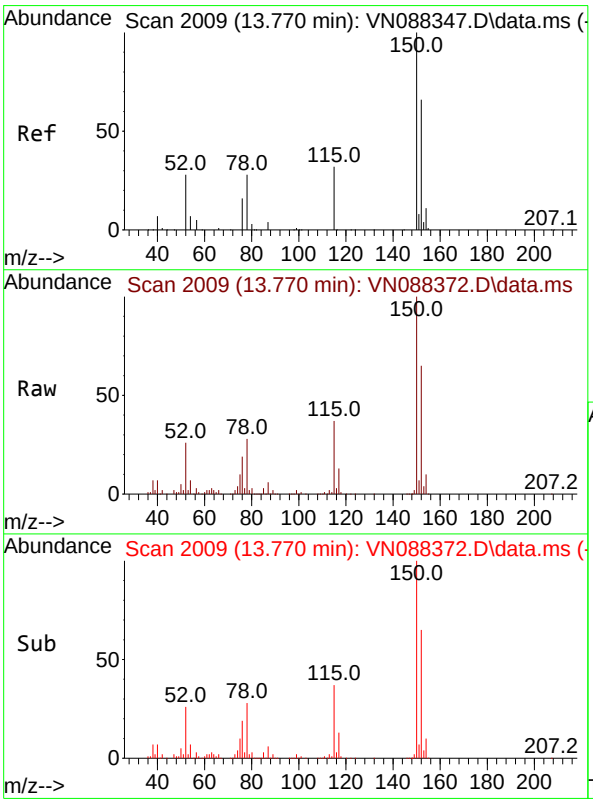

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

Tgt Ion:117 Resp: 418422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.7 | 47.8 | 71.8 |
| 119 | 31.3 | 26.9 | 40.3 |

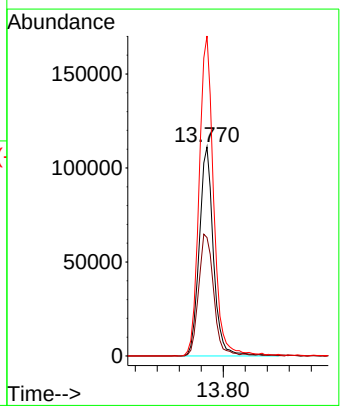



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088372.D
Acq: 01 Dec 2025 10:53

Tgt Ion:152 Resp: 198799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 62.5 | 33.0 | 98.9 |
| 150 | 156.8 | 0.0 | 349.0 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

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_N\methods\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088372.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.412 | 921 | 928 | 937 | rBV3 | 5682 | 16399 | 1.06% | 0.202% |
| 2 | 8.147 | 1042 | 1053 | 1058 | rBV2 | 216362 | 540527 | 34.79% | 6.646% |
| 3 | 8.200 | 1058 | 1062 | 1077 | rVB | 276320 | 627960 | 40.42% | 7.721% |
| 4 | 8.559 | 1114 | 1123 | 1133 | rBV | 247884 | 561166 | 36.12% | 6.900% |
| 5 | 9.082 | 1203 | 1212 | 1228 | rBV | 535181 | 1099272 | 70.76% | 13.516% |
| 6 | 10.541 | 1452 | 1460 | 1475 | rBV | 822937 | 1553554 | 100.00% | 19.101% |
| 7 | 11.841 | 1672 | 1681 | 1694 | rBV | 756205 | 1399467 | 90.08% | 17.207% |
| 8 | 12.829 | 1841 | 1849 | 1859 | rBV | 529059 | 1004686 | 64.67% | 12.353% |
| 9 | 13.770 | 2001 | 2009 | 2027 | rBV | 716850 | 1330258 | 85.63% | 16.356% |

Sum of corrected areas: 8133289

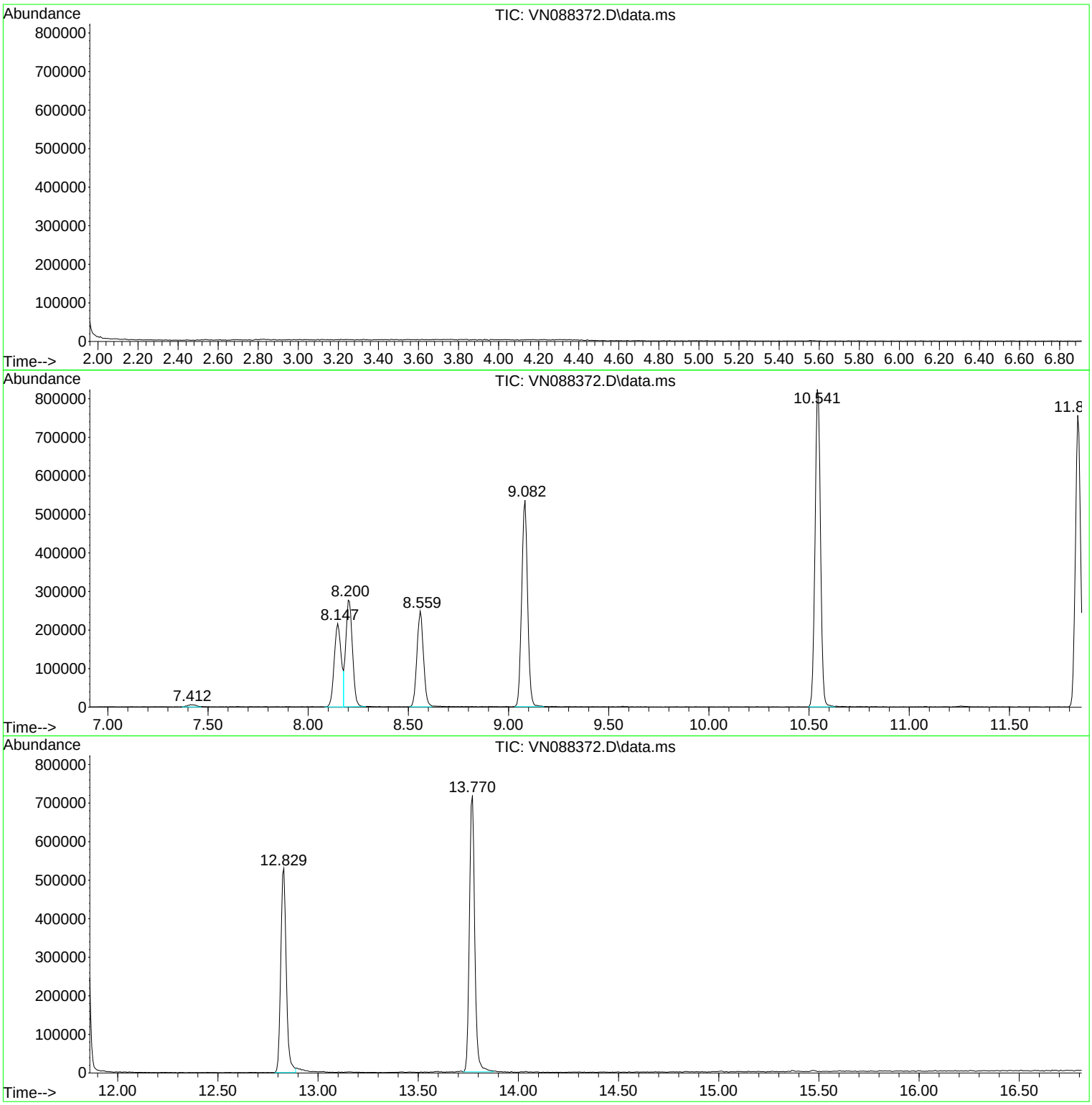
Sample Results: **VN088372.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088372.D
Acq On : 01 Dec 2025 10:53
Operator : JC\MD
Sample : VN1201WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048674.D
Acq On : 25 Nov 2025 10:38
Operator : JC/MD
Sample : VX1125WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

Quant Time: Nov 26 00:57:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 175748 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 347104 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 371931 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 201273 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 138616 | 56.603 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 113.200% | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 121627 | 46.297 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 92.600% | | | |
| 50) Toluene-d8 | 8.635 | 98 | 399765 | 48.791 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 97.580% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 175172 | 57.369 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 114.740% | | | |

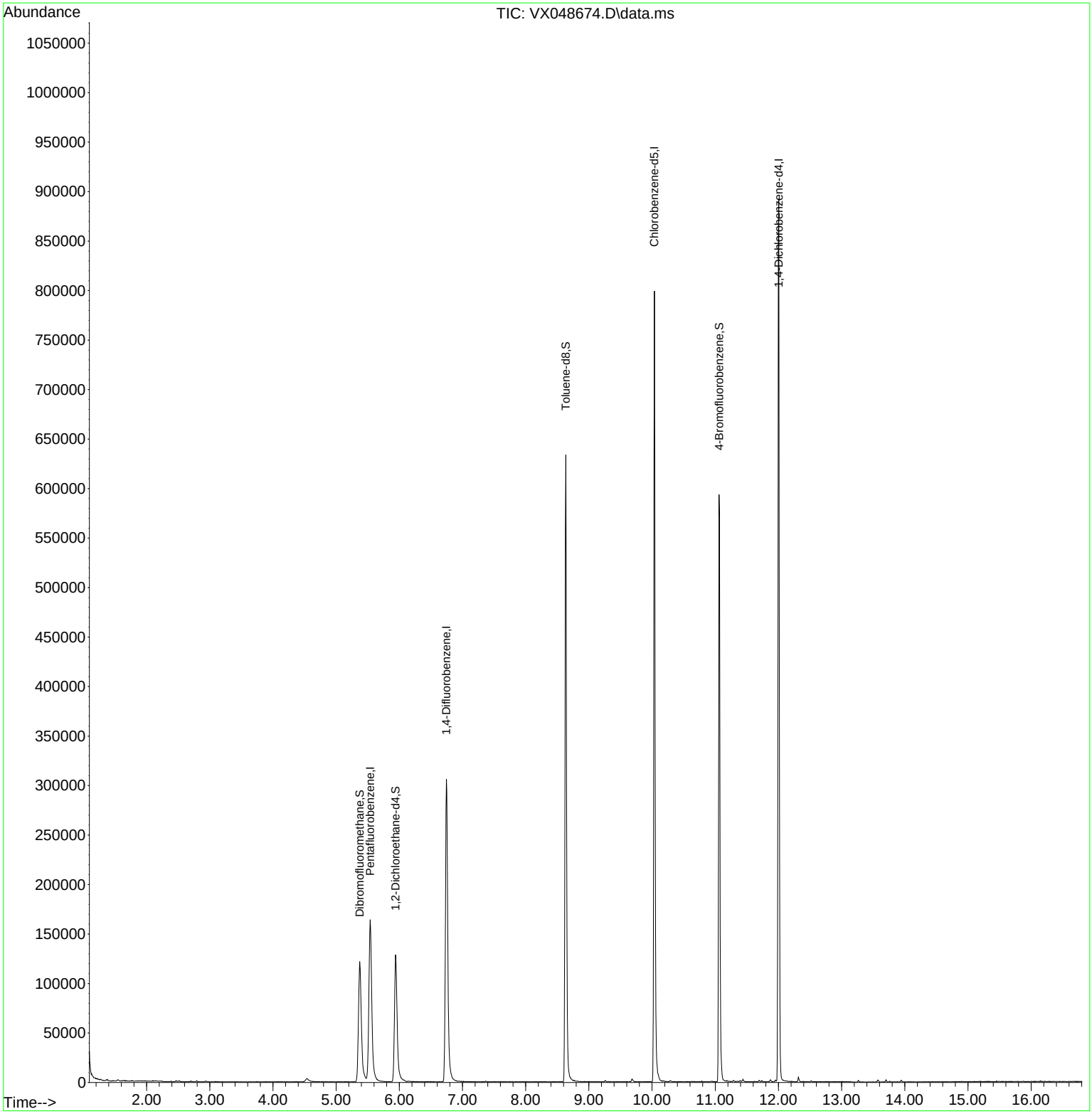
Target Compounds Qvalue

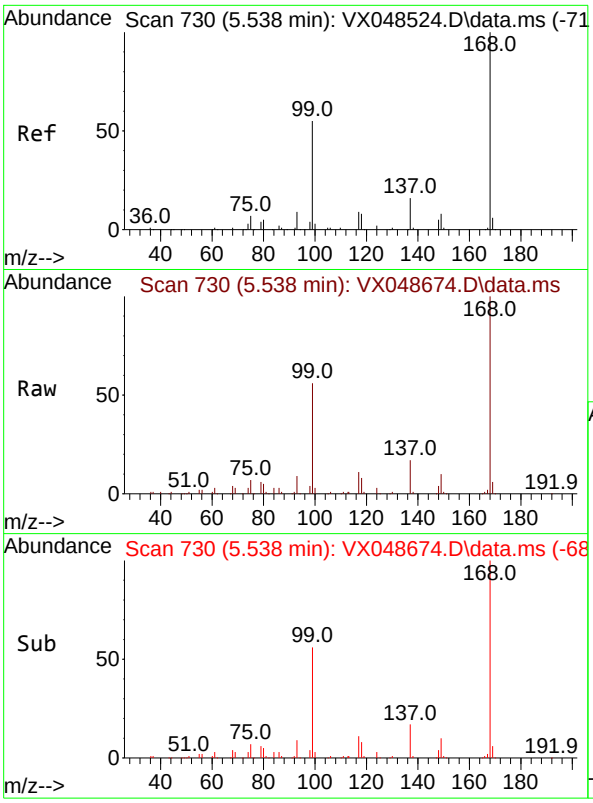
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048674.D
Acq On : 25 Nov 2025 10:38
Operator : JC/MD
Sample : VX1125WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

Quant Time: Nov 26 00:57:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



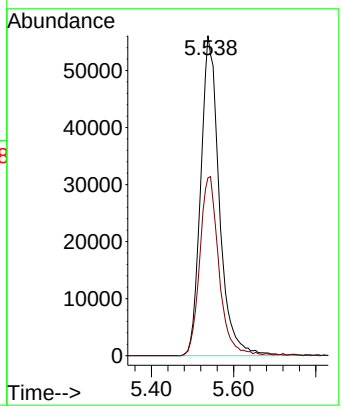


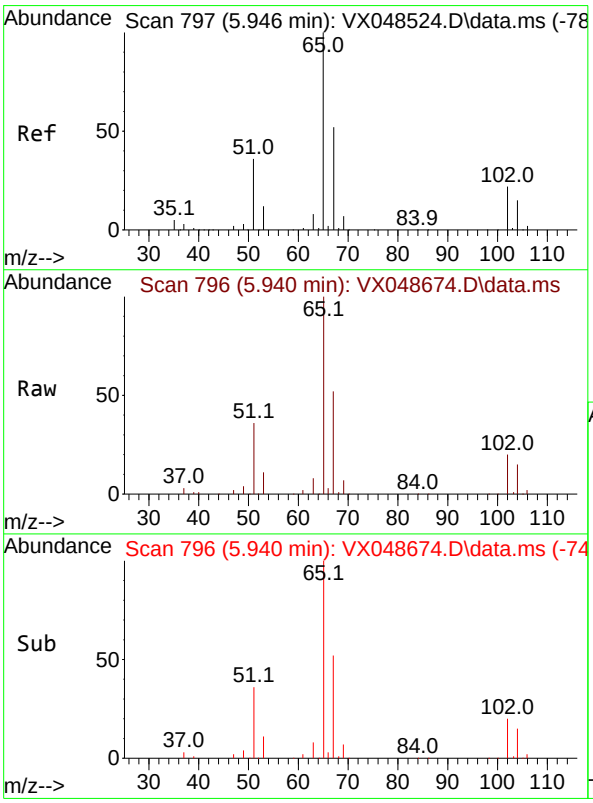

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048674.D
Acq: 25 Nov 2025 10:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

Tgt Ion:168 Resp: 175748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.6 | 45.2 | 67.8 |

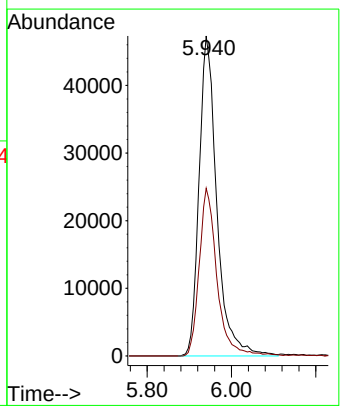


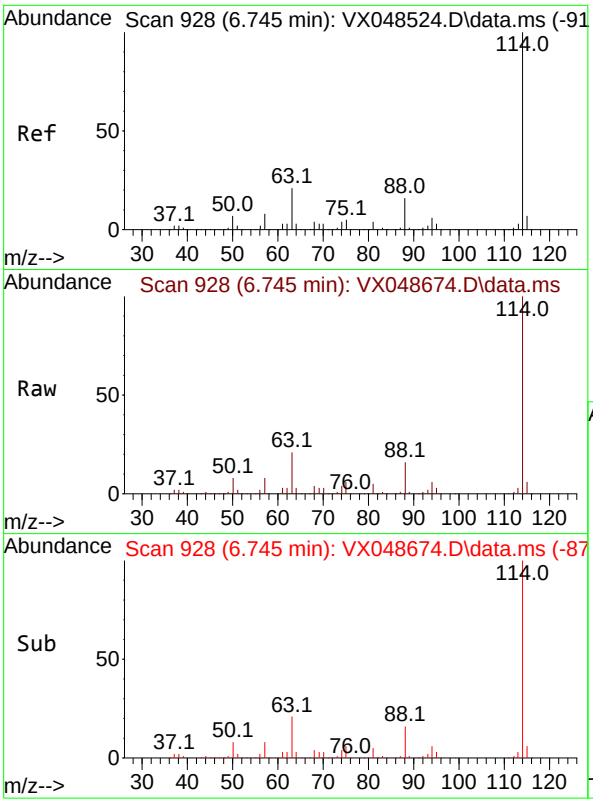




#33
1,2-Dichloroethane-d4
Concen: 56.603 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048674.D
Acq: 25 Nov 2025 10:38

Tgt Ion: 65 Resp: 138616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.1 | 0.0 | 106.2 |



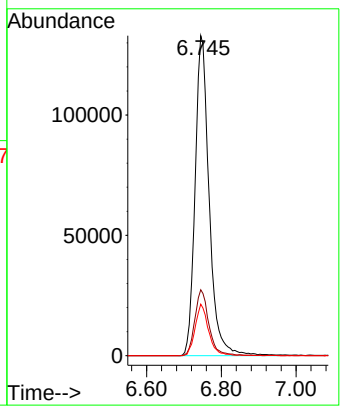


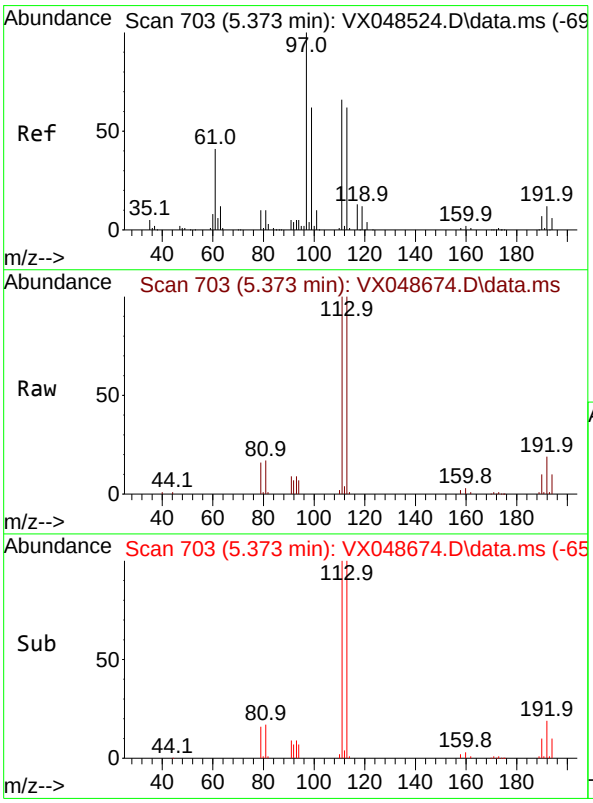

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048674.D
Acq: 25 Nov 2025 10:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

Tgt Ion:114 Resp: 347104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.6 | 0.0 | 41.2 |
| 88 | 16.1 | 0.0 | 32.2 |

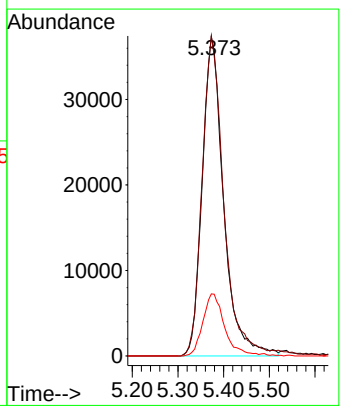


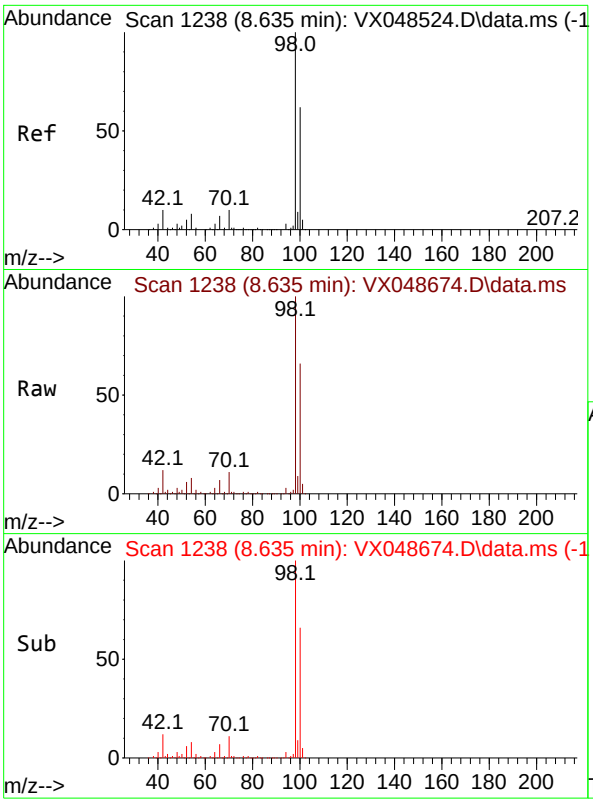




#35
Dibromofluoromethane
Concen: 46.297 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048674.D
Acq: 25 Nov 2025 10:38

Tgt Ion:113 Resp: 121627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.3 | 81.9 | 122.9 |
| 192 | 19.6 | 15.8 | 23.6 |



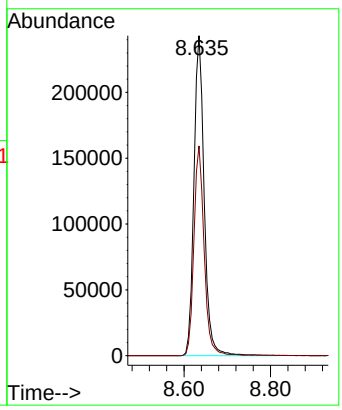


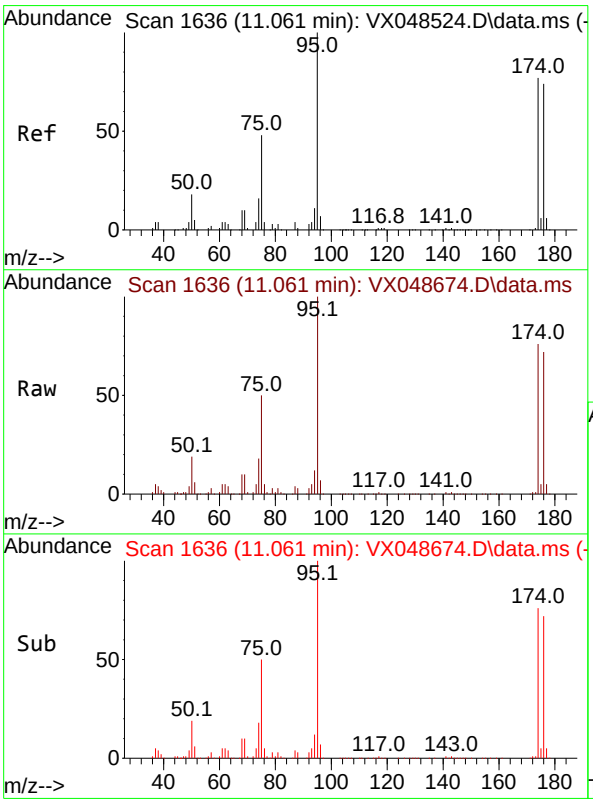

#50
Toluene-d8
Concen: 48.791 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048674.D
Acq: 25 Nov 2025 10:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

Tgt Ion: 98 Resp: 399765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.3 | 53.6 | 80.4 |

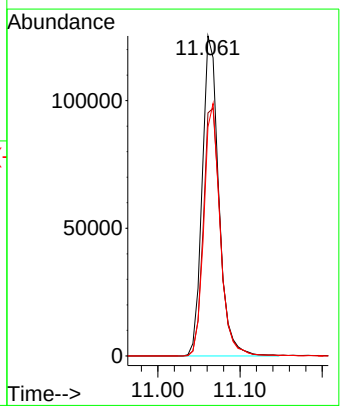


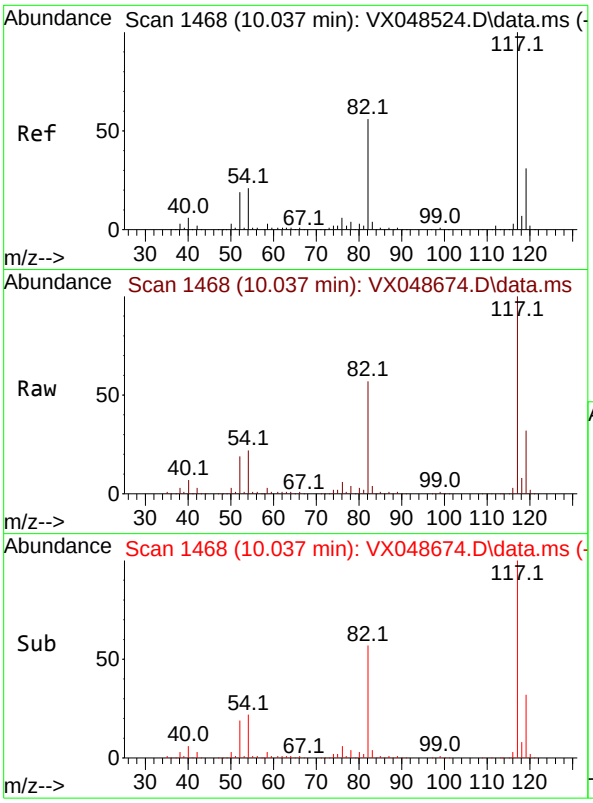




#62
4-Bromofluorobenzene
Concen: 57.369 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048674.D
Acq: 25 Nov 2025 10:38

Tgt Ion: 95 Resp: 175172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.6 | 0.0 | 161.8 |
| 176 | 77.6 | 0.0 | 153.6 |



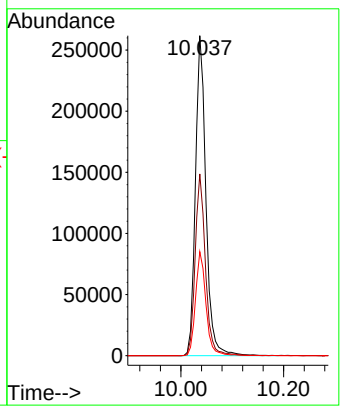


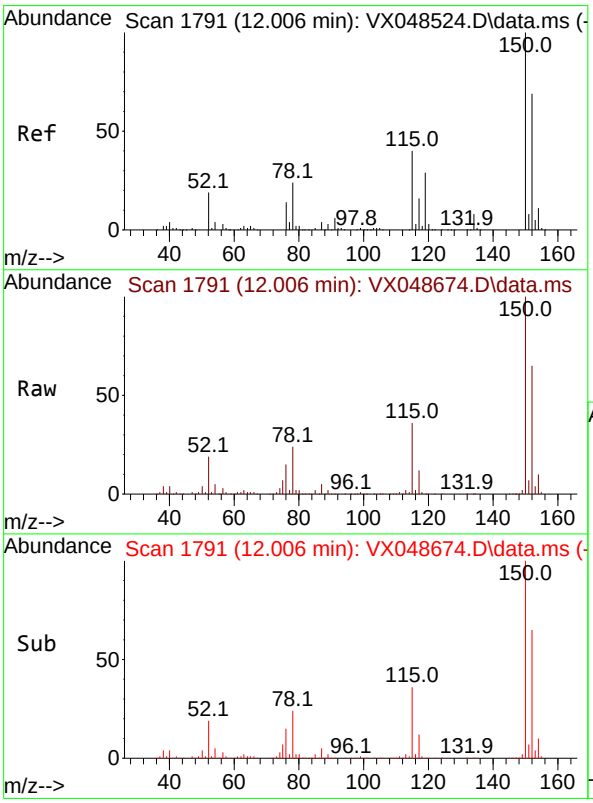

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048674.D
Acq: 25 Nov 2025 10:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

Tgt Ion:117 Resp: 371931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.8 | 44.4 | 66.6 |
| 119 | 32.5 | 25.1 | 37.7 |

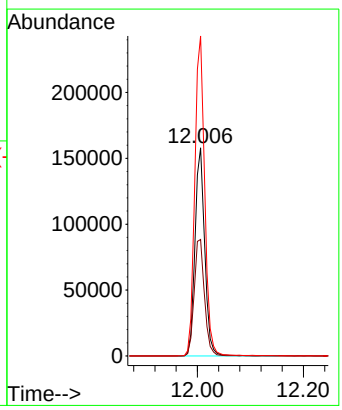



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048674.D
Acq: 25 Nov 2025 10:38

Tgt Ion:152 Resp: 201273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.2 | 39.2 | 117.6 |
| 150 | 156.4 | 0.0 | 347.0 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048674.D
Acq On : 25 Nov 2025 10:38
Operator : JC/MD
Sample : VX1125WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048674.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.538 | 556 | 566 | 579 | rBV4 | 3350 | 12400 | 1.04% | 0.197% |
| 2 | 5.373 | 692 | 703 | 720 | rBV | 121575 | 391637 | 32.81% | 6.225% |
| 3 | 5.538 | 720 | 730 | 748 | rVB | 161813 | 501502 | 42.02% | 7.971% |
| 4 | 5.940 | 785 | 796 | 811 | rBV | 128309 | 372058 | 31.17% | 5.914% |
| 5 | 6.745 | 919 | 928 | 956 | rBV | 305689 | 800011 | 67.03% | 12.716% |
| 6 | 8.635 | 1231 | 1238 | 1256 | rBV | 633462 | 1044587 | 87.52% | 16.603% |
| 7 | 10.037 | 1462 | 1468 | 1484 | rBV | 798820 | 1131086 | 94.77% | 17.978% |
| 8 | 11.061 | 1631 | 1636 | 1652 | rBV | 593283 | 844633 | 70.77% | 13.425% |
| 9 | 12.006 | 1785 | 1791 | 1811 | rBV | 891289 | 1193497 | 100.00% | 18.970% |

Sum of corrected areas: 6291411

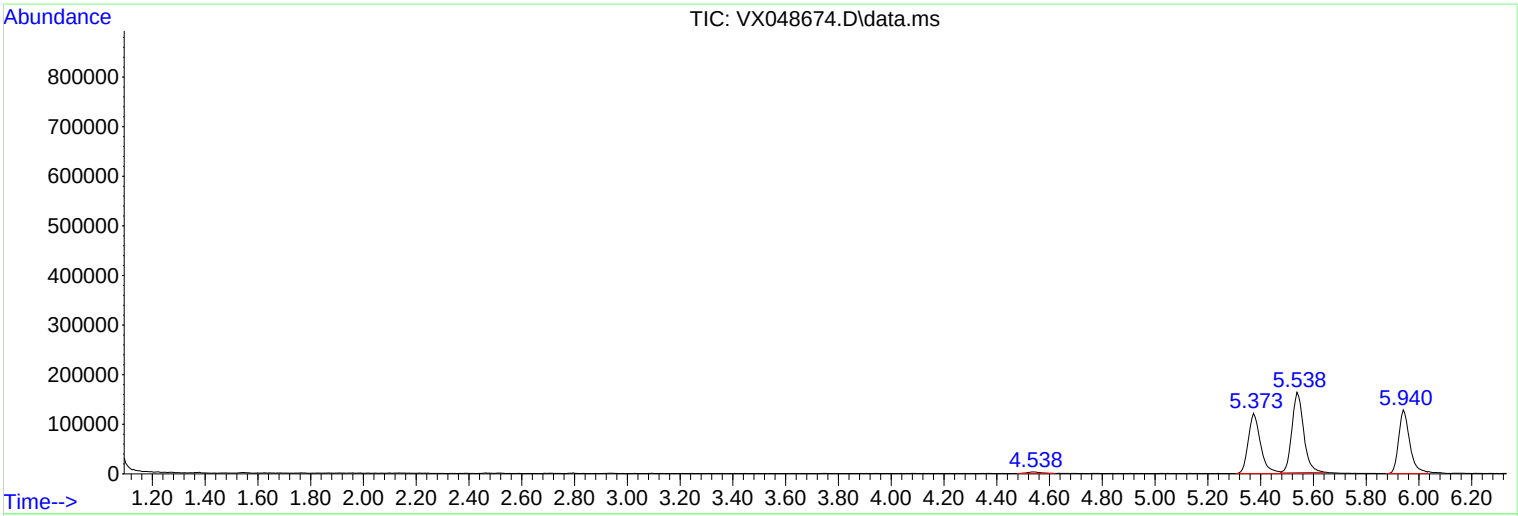
Sample Results: **VX048674.D**

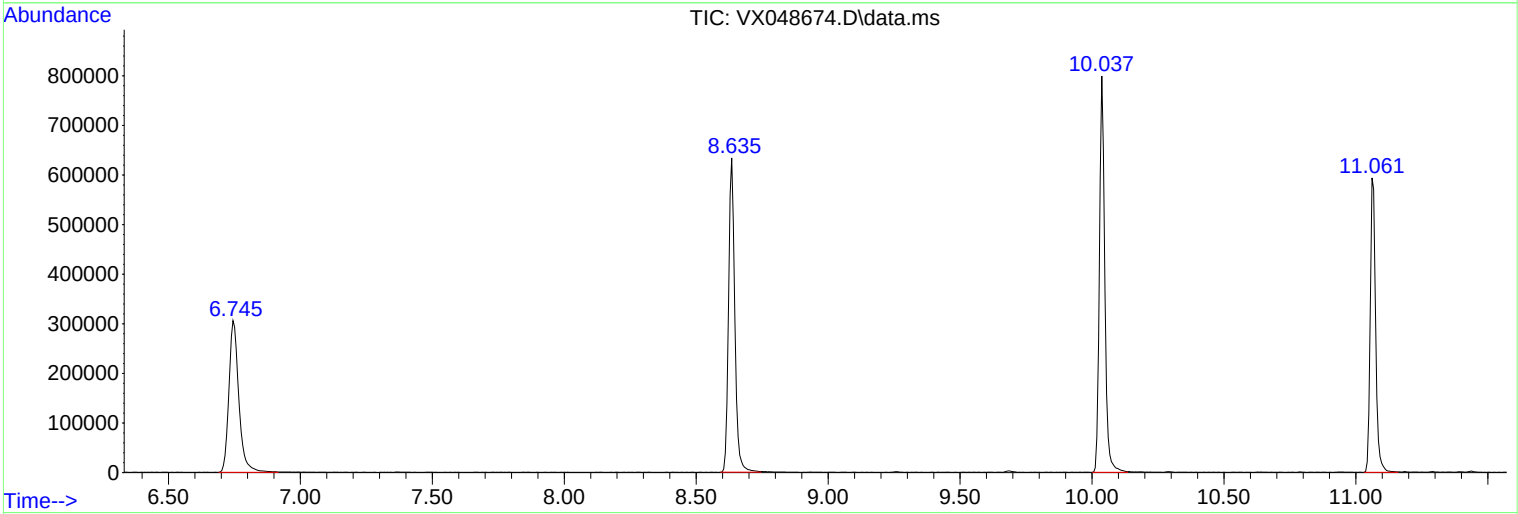
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048674.D
Acq On : 25 Nov 2025 10:38
Operator : JC/MD
Sample : VX1125WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

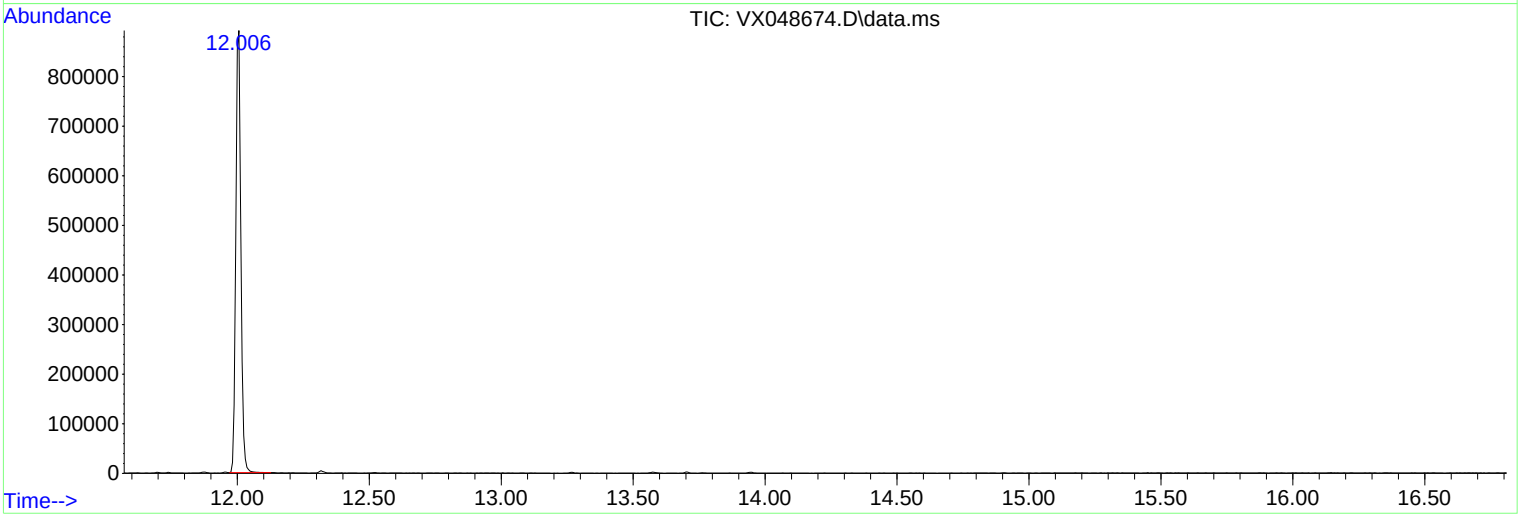
**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048674.D
Acq On : 25 Nov 2025 10:38
Operator : JC/MD
Sample : VX1125WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
**********

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048674.D
Acq On : 25 Nov 2025 10:38
Operator : JC/MD
Sample : VX1125WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.206 | 168 | 256678 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.083 | 114 | 487472 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.841 | 117 | 435019 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152 | 207303 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.559 | 65 | 271013 | 56.049 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 112.100% | | | |
| 35) Dibromofluoromethane | 8.147 | 113 | 186190 | 55.116 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 110.240% | | | |
| 50) Toluene-d8 | 10.541 | 98 | 690335 | 54.922 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 109.840% | | | |
| 62) 4-Bromofluorobenzene | 12.829 | 95 | 230018 | 53.334 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 106.660% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.142 | 85 | 70210 | 18.211 | ug/l | 99 |
| 3) Chloromethane | 2.383 | 50 | 80214 | 19.372 | ug/l | 94 |
| 4) Vinyl Chloride | 2.536 | 62 | 79487 | 18.870 | ug/l | 99 |
| 5) Bromomethane | 2.989 | 94 | 39940 | 19.700 | ug/l | 96 |
| 6) Chloroethane | 3.142 | 64 | 50911 | 19.530 | ug/l | 99 |
| 7) Trichlorofluoromethane | 3.512 | 101 | 109953 | 18.572 | ug/l | 94 |
| 8) Diethyl Ether | 3.965 | 74 | 43004 | 19.352 | ug/l | 94 |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 58508 | 18.563 | ug/l | 97 |
| 10) Methyl Iodide | 4.583 | 142 | 59901 | 19.198 | ug/l | 98 |
| 11) Tert butyl alcohol | 5.512 | 59 | 67525 | 87.469 | ug/l | 97 |
| 12) 1,1-Dichloroethene | 4.336 | 96 | 59547 | 19.015 | ug/l | 87 |
| 13) Acrolein | 4.177 | 56 | 88765 | 120.102 | ug/l | 97 |
| 14) Allyl chloride | 5.018 | 41 | 108153 | 18.633 | ug/l | 98 |
| 15) Acrylonitrile | 5.706 | 53 | 218028 | 97.888 | ug/l | 98 |
| 16) Acetone | 4.418 | 43 | 153779 | 87.939 | ug/l | 94 |
| 17) Carbon Disulfide | 4.706 | 76 | 198994 | 19.446 | ug/l | 100 |
| 18) Methyl Acetate | 5.018 | 43 | 99423 | 19.100 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 5.783 | 73 | 233707 | 19.919 | ug/l | 100 |
| 20) Methylene Chloride | 5.271 | 84 | 74861 | 20.009 | ug/l | 83 |
| 21) trans-1,2-Dichloroethene | 5.771 | 96 | 68123 | 19.638 | ug/l | 89 |
| 22) Diisopropyl ether | 6.653 | 45 | 255505 | 20.619 | ug/l | 93 |
| 23) Vinyl Acetate | 6.589 | 43 | 1003026m | 100.465 | ug/l | |
| 24) 1,1-Dichloroethane | 6.547 | 63 | 139057 | 19.816 | ug/l | 100 |
| 25) 2-Butanone | 7.465 | 43 | 269940 | 96.022 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 7.471 | 77 | 115800 | 19.118 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 7.465 | 96 | 80954 | 20.080 | ug/l | 98 |
| 28) Bromochloromethane | 7.789 | 49 | 67630 | 19.346 | ug/l # | 98 |
| 29) Tetrahydrofuran | 7.818 | 42 | 200576 | 99.471 | ug/l | 99 |
| 30) Chloroform | 7.941 | 83 | 140173 | 20.329 | ug/l | 100 |
| 31) Cyclohexane | 8.241 | 56 | 114116 | 17.945 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 8.147 | 97 | 114251 | 18.845 | ug/l | 96 |
| 36) 1,1-Dichloropropene | 8.353 | 75 | 93124 | 17.862 | ug/l | 99 |
| 37) Ethyl Acetate | 7.547 | 43 | 129007 | 18.819 | ug/l | 100 |
| 38) Carbon Tetrachloride | 8.341 | 117 | 94912 | 18.287 | ug/l | 96 |
| 39) Methylcyclohexane | 9.583 | 83 | 95473 | 17.120 | ug/l | 97 |
| 40) Benzene | 8.588 | 78 | 296136 | 19.353 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.765 | 41 | 63234 | 18.624 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 8.653 | 62 | 114468 | 19.607 | ug/l | | 98 |
| 43) Isopropyl Acetate | 8.671 | 43 | 195071 | 18.624 | ug/l | | 98 |
| 44) Trichloroethene | 9.330 | 130 | 67826 | 18.759 | ug/l | | 95 |
| 45) 1,2-Dichloropropane | 9.600 | 63 | 77770 | 19.837 | ug/l | | 93 |
| 46) Dibromomethane | 9.688 | 93 | 55251 | 19.747 | ug/l | | 98 |
| 47) Bromodichloromethane | 9.871 | 83 | 111551 | 19.540 | ug/l | | 92 |
| 48) Methyl methacrylate | 9.659 | 41 | 87729 | 18.357 | ug/l | | 97 |
| 49) 1,4-Dioxane | 9.683 | 88 | 21595 | 355.324 | ug/l | # | 99 |
| 51) 4-Methyl-2-Pentanone | 10.424 | 43 | 606997 | 98.320 | ug/l | | 100 |
| 52) Toluene | 10.606 | 92 | 172323 | 19.503 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.812 | 75 | 116655 | 19.908 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 10.294 | 75 | 123675 | 20.070 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 10.994 | 97 | 68939 | 20.166 | ug/l | | 96 |
| 56) Ethyl methacrylate | 10.859 | 69 | 106640 | 19.749 | ug/l | | 96 |
| 57) 1,3-Dichloropropane | 11.141 | 76 | 122169 | 19.810 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 10.135 | 63 | 278967 | 89.610 | ug/l | | 97 |
| 59) 2-Hexanone | 11.177 | 43 | 363554 | 93.479 | ug/l | | 98 |
| 60) Dibromochloromethane | 11.335 | 129 | 78151 | 20.054 | ug/l | | 97 |
| 61) 1,2-Dibromoethane | 11.447 | 107 | 71254 | 20.583 | ug/l | | 98 |
| 64) Tetrachloroethene | 11.082 | 164 | 61757 | 17.907 | ug/l | | 96 |
| 65) Chlorobenzene | 11.871 | 112 | 190129 | 19.458 | ug/l | | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 11.935 | 131 | 65977 | 20.020 | ug/l | | 98 |
| 67) Ethyl Benzene | 11.941 | 91 | 316848 | 18.553 | ug/l | | 99 |
| 68) m/p-Xylenes | 12.047 | 106 | 234320 | 37.005 | ug/l | | 97 |
| 69) o-Xylene | 12.376 | 106 | 110515 | 18.307 | ug/l | | 100 |
| 70) Styrene | 12.388 | 104 | 191890 | 19.577 | ug/l | | 99 |
| 71) Bromoform | 12.559 | 173 | 48189 | 19.963 | ug/l | # | 99 |
| 73) Isopropylbenzene | 12.676 | 105 | 285585 | 18.632 | ug/l | | 99 |
| 74) N-amyl acetate | 12.682 | 43 | 103450m | 19.818 | ug/l | | |
| 75) 1,1,2,2-Tetrachloroethane | 12.912 | 83 | 99427 | 20.065 | ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 12.971 | 75 | 95762m | 19.723 | ug/l | | |
| 77) Bromobenzene | 12.959 | 156 | 70858 | 20.205 | ug/l | | 97 |
| 78) n-propylbenzene | 13.012 | 91 | 349255 | 18.625 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 13.100 | 91 | 213346 | 18.631 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 13.147 | 105 | 239698 | 18.872 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-b... | 12.718 | 75 | 31603 | 18.465 | ug/l | # | 98 |
| 82) 4-Chlorotoluene | 13.200 | 91 | 222136 | 19.531 | ug/l | | 99 |
| 83) tert-Butylbenzene | 13.412 | 119 | 195850 | 18.139 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.459 | 105 | 244186 | 19.342 | ug/l | | 99 |
| 85) sec-Butylbenzene | 13.594 | 105 | 282563 | 18.217 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.706 | 119 | 237355 | 18.661 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.712 | 146 | 129958 | 19.036 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.788 | 146 | 131944 | 18.451 | ug/l | | 97 |
| 89) n-Butylbenzene | 14.029 | 91 | 220480 | 17.853 | ug/l | | 100 |
| 90) Hexachloroethane | 14.306 | 117 | 42679 | 18.368 | ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 14.082 | 146 | 124887 | 19.439 | ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.694 | 75 | 21886 | 18.204 | ug/l | | 99 |
| 93) 1,2,4-Trichlorobenzene | 15.365 | 180 | 70611 | 18.498 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 15.470 | 225 | 24611 | 17.942 | ug/l | | 99 |
| 95) Naphthalene | 15.612 | 128 | 234599 | 17.736 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.812 | 180 | 68004 | 18.306 | ug/l | | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

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

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

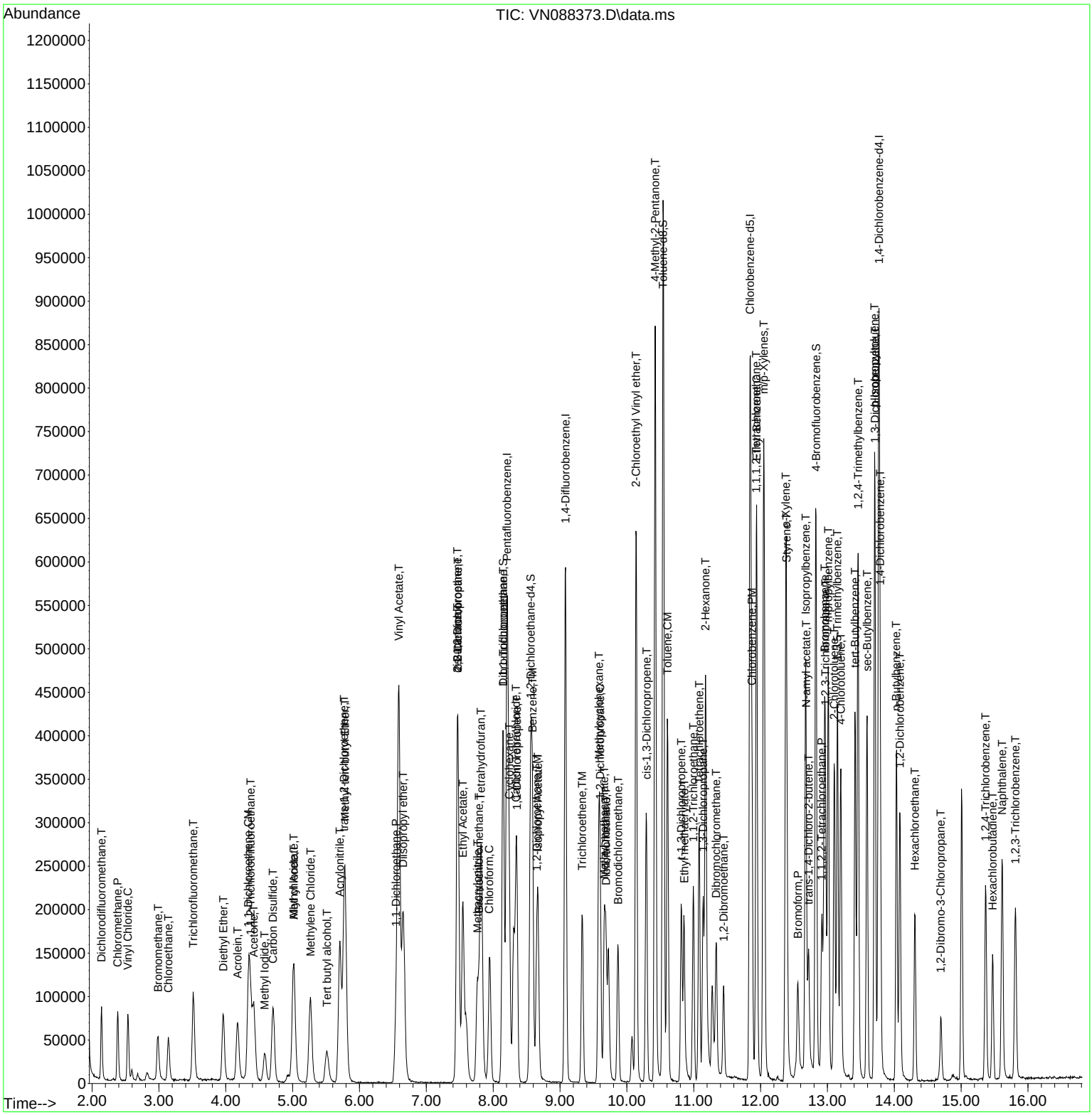
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088373.D
Acq On : 01 Dec 2025 11:27
Operator : JC\MD
Sample : VN1201WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 00:10:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048675.D
Acq On : 25 Nov 2025 11:05
Operator : JC/MD
Sample : VX1125WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 00:57:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 152887 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 255033 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 234446 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 118863 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 109025 | 51.177 | ug/l | -0.01 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 102.360% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 88585 | 45.893 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 91.780% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 301514 | 50.084 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 100.160% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 110201 | 49.120 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 98.240% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 22127 | 17.861 | ug/l | 94 |
| 3) Chloromethane | 1.300 | 50 | 24295 | 14.786 | ug/l | 99 |
| 4) Vinyl Chloride | 1.380 | 62 | 36219 | 19.468 | ug/l | 99 |
| 5) Bromomethane | 1.617 | 94 | 25740 | 21.911 | ug/l | 97 |
| 6) Chloroethane | 1.697 | 64 | 23018 | 18.893 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 59009 | 20.049 | ug/l | 99 |
| 8) Diethyl Ether | 2.130 | 74 | 22761 | 19.266 | ug/l | 92 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 34759 | 20.400 | ug/l | 98 |
| 10) Methyl Iodide | 2.453 | 142 | 42210 | 16.739 | ug/l | 94 |
| 11) Tert butyl alcohol | 2.934 | 59 | 36758 | 91.058 | ug/l | 96 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 33081 | 18.587 | ug/l | 97 |
| 13) Acrolein | 2.233 | 56 | 6194 | 106.049 | ug/l | 98 |
| 14) Allyl chloride | 2.666 | 41 | 66933 | 20.199 | ug/l | 96 |
| 15) Acrylonitrile | 3.056 | 53 | 98033 | 83.190 | ug/l | 97 |
| 16) Acetone | 2.367 | 43 | 93404 | 92.625 | ug/l | 93 |
| 17) Carbon Disulfide | 2.514 | 76 | 80445 | 16.062 | ug/l | 97 |
| 18) Methyl Acetate | 2.697 | 43 | 62349 | 22.498 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 112823 | 17.951 | ug/l | 98 |
| 20) Methylene Chloride | 2.788 | 84 | 40943 | 19.749 | ug/l | 89 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 31963 | 16.945 | ug/l | 93 |
| 22) Diisopropyl ether | 3.745 | 45 | 106967 | 16.811 | ug/l | 98 |
| 23) Vinyl Acetate | 3.709 | 43 | 440895 | 79.117 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.599 | 63 | 60180 | 17.237 | ug/l | 99 |
| 25) 2-Butanone | 4.532 | 43 | 123469 | 82.766 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.458 | 77 | 52507 | 17.641 | ug/l | 97 |
| 27) cis-1,2-Dichloroethene | 4.477 | 96 | 41109 | 17.829 | ug/l | 97 |
| 28) Bromochloromethane | 4.879 | 49 | 36231 | 21.124 | ug/l | 95 |
| 29) Tetrahydrofuran | 4.989 | 42 | 109256 | 102.688 | ug/l | 99 |
| 30) Chloroform | 5.074 | 83 | 78377 | 21.745 | ug/l | 99 |
| 31) Cyclohexane | 5.458 | 56 | 53720 | 18.779 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 66040 | 20.995 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 5.672 | 75 | 48847 | 18.899 | ug/l | 99 |
| 37) Ethyl Acetate | 4.696 | 43 | 61527m | 16.911 | ug/l | |
| 38) Carbon Tetrachloride | 5.659 | 117 | 59766 | 20.313 | ug/l | 97 |
| 39) Methylcyclohexane | 7.360 | 83 | 53181 | 18.325 | ug/l | 97 |
| 40) Benzene | 6.025 | 78 | 153258 | 19.129 | ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048675.D
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Sample : VX1125WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 00:57:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.891 | 41 | 33806 | 21.128 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 56550 | 20.600 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.318 | 43 | 100417 | 19.634 | ug/l | | 99 |
| 44) Trichloroethene | 7.110 | 130 | 38829 | 20.275 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.409 | 63 | 39781 | 21.594 | ug/l | | 100 |
| 46) Dibromomethane | 7.561 | 93 | 29613 | 22.039 | ug/l | | 96 |
| 47) Bromodichloromethane | 7.799 | 83 | 62360 | 23.264 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.671 | 41 | 49966 | 21.977 | ug/l | | 96 |
| 49) 1,4-Dioxane | 7.641 | 88 | 13134 | 379.127 | ug/l | # | 86 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 351138 | 120.614 | ug/l | | 96 |
| 52) Toluene | 8.702 | 92 | 93662 | 22.204 | ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 62706 | 22.703 | ug/l | | 95 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 64782 | 22.651 | ug/l | | 95 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 40322 | 23.926 | ug/l | | 97 |
| 56) Ethyl methacrylate | 9.098 | 69 | 62837 | 22.411 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 66685 | 22.733 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 153820 | 102.040 | ug/l | | 99 |
| 59) 2-Hexanone | 9.415 | 43 | 257854 | 119.070 | ug/l | | 96 |
| 60) Dibromochloromethane | 9.506 | 129 | 49363 | 23.856 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 41447 | 22.706 | ug/l | | 98 |
| 64) Tetrachloroethene | 9.256 | 164 | 32185 | 18.901 | ug/l | | 96 |
| 65) Chlorobenzene | 10.061 | 112 | 105854 | 19.023 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 38749 | 20.782 | ug/l | | 97 |
| 67) Ethyl Benzene | 10.177 | 91 | 180626 | 19.330 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 136619 | 38.820 | ug/l | | 95 |
| 69) o-Xylene | 10.622 | 106 | 66180 | 19.220 | ug/l | | 98 |
| 70) Styrene | 10.640 | 104 | 117078 | 20.270 | ug/l | | 98 |
| 71) Bromoform | 10.780 | 173 | 34220 | 19.894 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.945 | 105 | 172094 | 19.946 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 85016 | 19.624 | ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 61624 | 20.254 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 49164m | 17.169 | ug/l | | |
| 77) Bromobenzene | 11.177 | 156 | 44598 | 20.018 | ug/l | | 96 |
| 78) n-propylbenzene | 11.286 | 91 | 202964 | 20.006 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 123789 | 20.193 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 141282 | 20.087 | ug/l | | 96 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 19410 | 19.388 | ug/l | # | 85 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 145988 | 20.302 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 145973 | 20.065 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.731 | 105 | 143093 | 20.163 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 179563 | 19.971 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 153747 | 20.339 | ug/l | | 97 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 82209 | 19.688 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 84197 | 19.521 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.317 | 91 | 139614 | 19.688 | ug/l | | 100 |
| 90) Hexachloroethane | 12.518 | 117 | 28897 | 20.064 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 79354 | 19.796 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.926 | 75 | 14359 | 20.308 | ug/l | | 94 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 50576 | 18.987 | ug/l | | 97 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 21406 | 19.224 | ug/l | | 96 |
| 95) Naphthalene | 13.756 | 128 | 164281 | 19.182 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.944 | 180 | 47215 | 19.056 | ug/l | | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048675.D
Acq On : 25 Nov 2025 11:05
Operator : JC/MD
Sample : VX1125WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 00:57:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048675.D
Acq On : 25 Nov 2025 11:05
Operator : JC/MD
Sample : VX1125WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 26 00:57:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1125WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 11/26/2025
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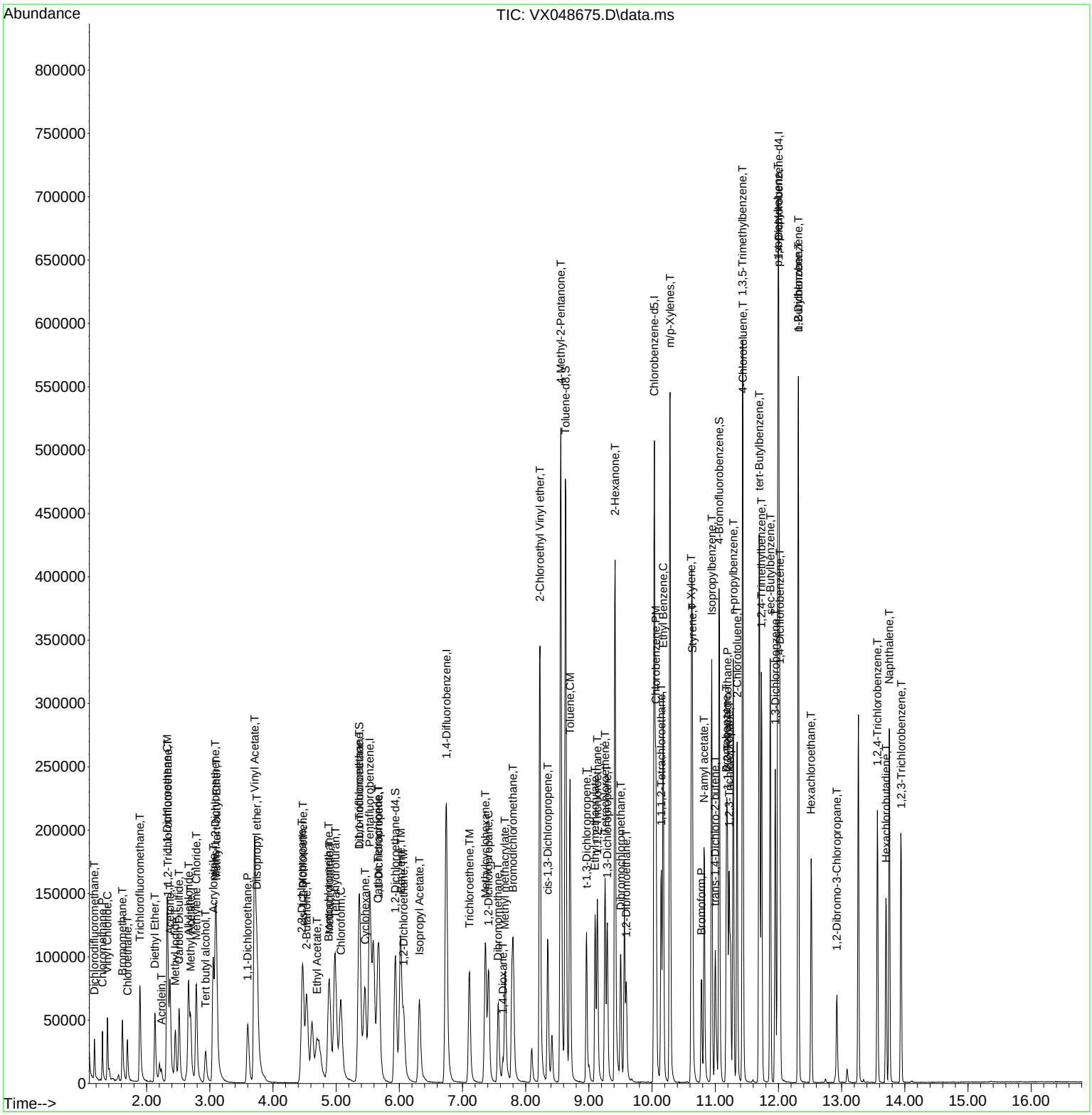


Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 00:11:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 8.206 | 168 | 257123 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.082 | 114 | 472668 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.841 | 117 | 413438 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152 | 196888 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.559 | 65 | 252803 | 52.192 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 104.380% | | | |
| 35) Dibromofluoromethane | 8.147 | 113 | 171251 | 52.281 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 104.560% | | | |
| 50) Toluene-d8 | 10.541 | 98 | 648629 | 53.220 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 106.440% | | | |
| 62) 4-Bromofluorobenzene | 12.829 | 95 | 213607 | 51.080 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 102.160% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.142 | 85 | 72877 | 18.870 | ug/l | 98 |
| 3) Chloromethane | 2.383 | 50 | 80587 | 19.429 | ug/l | 94 |
| 4) Vinyl Chloride | 2.536 | 62 | 79060 | 18.736 | ug/l | 99 |
| 5) Bromomethane | 2.989 | 94 | 40980 | 20.178 | ug/l | 99 |
| 6) Chloroethane | 3.148 | 64 | 50269 | 19.250 | ug/l | 90 |
| 7) Trichlorofluoromethane | 3.512 | 101 | 110683 | 18.663 | ug/l | 99 |
| 8) Diethyl Ether | 3.965 | 74 | 42809 | 19.231 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 58334 | 18.476 | ug/l | 98 |
| 10) Methyl Iodide | 4.583 | 142 | 60569 | 19.379 | ug/l | 96 |
| 11) Tert butyl alcohol | 5.512 | 59 | 68039 | 87.983 | ug/l # | 81 |
| 12) 1,1-Dichloroethene | 4.347 | 96 | 58831 | 18.754 | ug/l | 84 |
| 13) Acrolein | 4.177 | 56 | 87619 | 118.346 | ug/l | 97 |
| 14) Allyl chloride | 5.012 | 41 | 104505 | 17.974 | ug/l | 98 |
| 15) Acrylonitrile | 5.706 | 53 | 213646 | 95.755 | ug/l | 98 |
| 16) Acetone | 4.418 | 43 | 152332 | 86.961 | ug/l | 98 |
| 17) Carbon Disulfide | 4.706 | 76 | 192813 | 18.810 | ug/l | 100 |
| 18) Methyl Acetate | 5.018 | 43 | 99171 | 19.019 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 5.783 | 73 | 228498 | 19.442 | ug/l | 95 |
| 20) Methylene Chloride | 5.259 | 84 | 75693 | 20.196 | ug/l | 83 |
| 21) trans-1,2-Dichloroethene | 5.771 | 96 | 68139 | 19.608 | ug/l | 92 |
| 22) Diisopropyl ether | 6.653 | 45 | 244953 | 19.733 | ug/l | 96 |
| 23) Vinyl Acetate | 6.588 | 43 | 972820m | 97.271 | ug/l | |
| 24) 1,1-Dichloroethane | 6.553 | 63 | 134006 | 19.063 | ug/l | 95 |
| 25) 2-Butanone | 7.465 | 43 | 270811 | 96.165 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 7.477 | 77 | 112288 | 18.506 | ug/l | 95 |
| 27) cis-1,2-Dichloroethene | 7.465 | 96 | 78314 | 19.392 | ug/l | 96 |
| 28) Bromochloromethane | 7.794 | 49 | 64631 | 18.456 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.824 | 42 | 193749 | 95.919 | ug/l | 99 |
| 30) Chloroform | 7.947 | 83 | 135282 | 19.585 | ug/l | 96 |
| 31) Cyclohexane | 8.235 | 56 | 117687 | 18.475 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 8.147 | 97 | 115347 | 18.992 | ug/l | 95 |
| 36) 1,1-Dichloropropene | 8.353 | 75 | 89956 | 17.794 | ug/l | 98 |
| 37) Ethyl Acetate | 7.547 | 43 | 123427 | 18.569 | ug/l | 98 |
| 38) Carbon Tetrachloride | 8.347 | 117 | 94617 | 18.801 | ug/l | 96 |
| 39) Methylcyclohexane | 9.576 | 83 | 99985 | 18.491 | ug/l | 93 |
| 40) Benzene | 8.588 | 78 | 284116 | 19.149 | ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 00:11:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.765 | 41 | 63105 | 19.168 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 8.647 | 62 | 109703 | 19.380 | ug/l | | 98 |
| 43) Isopropyl Acetate | 8.671 | 43 | 192472 | 18.952 | ug/l | | 99 |
| 44) Trichloroethene | 9.329 | 130 | 66801 | 19.054 | ug/l | | 90 |
| 45) 1,2-Dichloropropane | 9.600 | 63 | 72843 | 19.162 | ug/l | | 100 |
| 46) Dibromomethane | 9.688 | 93 | 54401 | 20.053 | ug/l | | 98 |
| 47) Bromodichloromethane | 9.865 | 83 | 106876 | 19.308 | ug/l | # | 93 |
| 48) Methyl methacrylate | 9.659 | 41 | 84615 | 18.260 | ug/l | | 99 |
| 49) 1,4-Dioxane | 9.676 | 88 | 22017 | 373.614 | ug/l | # | 99 |
| 51) 4-Methyl-2-Pentanone | 10.424 | 43 | 589357 | 98.453 | ug/l | | 99 |
| 52) Toluene | 10.606 | 92 | 170024 | 19.846 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 10.818 | 75 | 108520 | 19.099 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 10.288 | 75 | 116758 | 19.541 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 10.994 | 97 | 66233 | 19.982 | ug/l | | 95 |
| 56) Ethyl methacrylate | 10.853 | 69 | 104863 | 20.028 | ug/l | | 97 |
| 57) 1,3-Dichloropropane | 11.141 | 76 | 120668 | 20.179 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63 | 276569 | 91.622 | ug/l | | 99 |
| 59) 2-Hexanone | 11.176 | 43 | 355826 | 94.358 | ug/l | | 98 |
| 60) Dibromochloromethane | 11.335 | 129 | 76699 | 20.298 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.447 | 107 | 66826 | 19.909 | ug/l | | 97 |
| 64) Tetrachloroethene | 11.076 | 164 | 62208 | 18.980 | ug/l | | 95 |
| 65) Chlorobenzene | 11.870 | 112 | 183680 | 19.779 | ug/l | | 96 |
| 66) 1,1,1,2-Tetrachloroethane | 11.941 | 131 | 61851 | 19.747 | ug/l | | 99 |
| 67) Ethyl Benzene | 11.941 | 91 | 306102 | 18.859 | ug/l | | 97 |
| 68) m/p-Xylenes | 12.053 | 106 | 227659 | 37.830 | ug/l | | 99 |
| 69) o-Xylene | 12.376 | 106 | 109896 | 19.155 | ug/l | | 95 |
| 70) Styrene | 12.388 | 104 | 181083 | 19.438 | ug/l | | 99 |
| 71) Bromoform | 12.559 | 173 | 46125 | 20.106 | ug/l | # | 99 |
| 73) Isopropylbenzene | 12.670 | 105 | 280946 | 19.299 | ug/l | | 100 |
| 74) N-amyl acetate | 12.682 | 43 | 97186m | 19.603 | ug/l | | |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83 | 91931 | 19.534 | ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 12.970 | 75 | 93113m | 20.192 | ug/l | | |
| 77) Bromobenzene | 12.959 | 156 | 65049 | 19.529 | ug/l | | 96 |
| 78) n-propylbenzene | 13.012 | 91 | 348515 | 19.569 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 13.100 | 91 | 204279 | 18.783 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 13.153 | 105 | 234071 | 19.404 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75 | 28199 | 17.348 | ug/l | # | 96 |
| 82) 4-Chlorotoluene | 13.200 | 91 | 211139 | 19.546 | ug/l | | 97 |
| 83) tert-Butylbenzene | 13.412 | 119 | 192736 | 18.795 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.459 | 105 | 235984 | 19.682 | ug/l | | 100 |
| 85) sec-Butylbenzene | 13.594 | 105 | 283289 | 19.230 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.706 | 119 | 228290 | 18.898 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 13.712 | 146 | 126657 | 19.534 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 13.788 | 146 | 129333 | 19.042 | ug/l | | 98 |
| 89) n-Butylbenzene | 14.029 | 91 | 219415 | 18.707 | ug/l | | 99 |
| 90) Hexachloroethane | 14.306 | 117 | 41810 | 18.946 | ug/l | | 96 |
| 91) 1,2-Dichlorobenzene | 14.082 | 146 | 115702 | 18.962 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75 | 21103 | 18.481 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 15.370 | 180 | 65316 | 18.016 | ug/l | | 95 |
| 94) Hexachlorobutadiene | 15.470 | 225 | 24556 | 18.849 | ug/l | | 94 |
| 95) Naphthalene | 15.611 | 128 | 231154 | 18.400 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.811 | 180 | 67438 | 19.114 | ug/l | | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 00:11:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

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

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

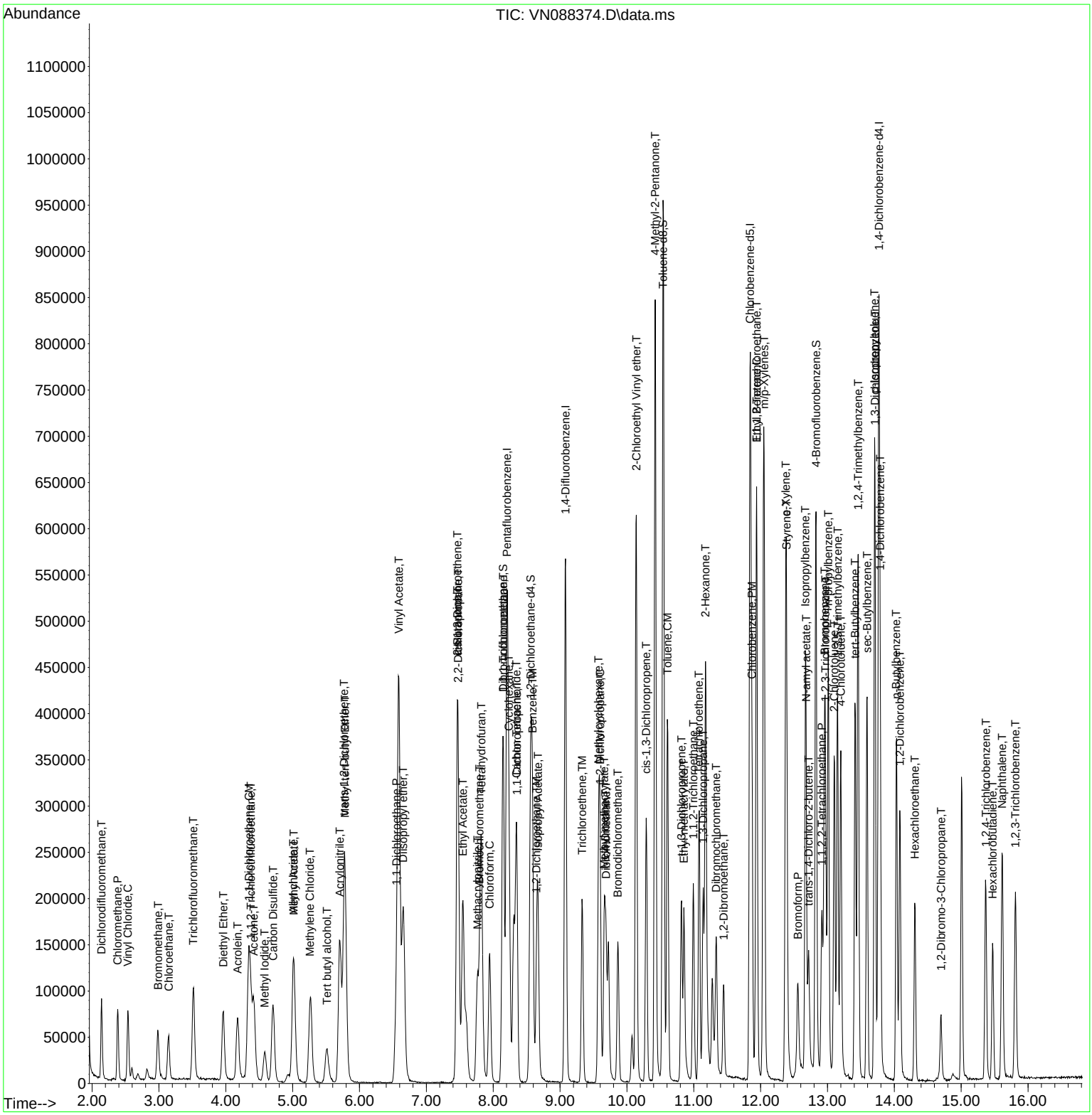
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088374.D
Acq On : 01 Dec 2025 12:10
Operator : JC\MD
Sample : VN1201WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 00:11:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1201WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



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

# Manual Integration Report

| Sequence: | VN112425 | Instrument | MSVOA_n |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICC001 | VN088344.D | 1,1-Dichloroethene | JOHN | 11/25/2025 9:35:55 AM | MMDadoda | 11/26/2025 1:51:48 PM | Peak Integrated by Software |
| VSTDICC001 | VN088344.D | 1,2,3-Trichloropropane | JOHN | 11/25/2025 9:35:55 AM | MMDadoda | 11/26/2025 1:51:48 PM | Peak Integrated by Software |
| VSTDICC001 | VN088344.D | 1,4-Dichlorobenzene | JOHN | 11/25/2025 9:35:55 AM | MMDadoda | 11/26/2025 1:51:48 PM | Peak Integrated by Software |
| VSTDICC001 | VN088344.D | 2-Hexanone | JOHN | 11/25/2025 9:35:55 AM | MMDadoda | 11/26/2025 1:51:48 PM | Peak Integrated by Software |
| VSTDICC001 | VN088344.D | cis-1,2-Dichloroethene | JOHN | 11/25/2025 9:35:55 AM | MMDadoda | 11/26/2025 1:51:48 PM | Peak Integrated by Software |
| VSTDICC001 | VN088344.D | Diisopropyl ether | JOHN | 11/25/2025 9:35:55 AM | MMDadoda | 11/26/2025 1:51:48 PM | Peak Integrated by Software |
| VSTDICC005 | VN088345.D | 1,2,3-Trichloropropane | JOHN | 11/25/2025 9:36:00 AM | MMDadoda | 11/26/2025 1:51:51 PM | Peak Integrated by Software |
| VSTDICC005 | VN088345.D | Vinyl Acetate | JOHN | 11/25/2025 9:36:00 AM | MMDadoda | 11/26/2025 1:51:51 PM | Peak Integrated by Software |
| VSTDICC020 | VN088346.D | 1,2,3-Trichloropropane | JOHN | 11/25/2025 9:36:04 AM | MMDadoda | 11/26/2025 1:51:55 PM | Peak Integrated by Software |
| VSTDICC020 | VN088346.D | N-amyl acetate | JOHN | 11/25/2025 9:36:04 AM | MMDadoda | 11/26/2025 1:51:55 PM | Peak Integrated by Software |
| VSTDICC020 | VN088346.D | Vinyl Acetate | JOHN | 11/25/2025 9:36:04 AM | MMDadoda | 11/26/2025 1:51:55 PM | Peak Integrated by Software |
| VSTDICCC050 | VN088347.D | 1,2,3-Trichloropropane | JOHN | 11/25/2025 9:36:10 AM | MMDadoda | 11/26/2025 1:51:58 PM | Peak Integrated by Software |
| VSTDICCC050 | VN088347.D | Vinyl Acetate | JOHN | 11/25/2025 9:36:10 AM | MMDadoda | 11/26/2025 1:51:58 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | VN112425 | Instrument | MSVOA_n |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICC100 | VN088348.D | 1,2,3-Trichloropropane | JOHN | 11/25/2025 9:36:15 AM | MMDadoda | 11/26/2025 1:52:01 PM | Peak Integrated by Software |
| VSTDICC100 | VN088348.D | Allyl chloride | JOHN | 11/25/2025 9:36:15 AM | MMDadoda | 11/26/2025 1:52:01 PM | Peak Integrated by Software |
| VSTDICC100 | VN088348.D | Vinyl Acetate | JOHN | 11/25/2025 9:36:15 AM | MMDadoda | 11/26/2025 1:52:01 PM | Peak Integrated by Software |
| VSTDICC150 | VN088349.D | 1,2,3-Trichloropropane | JOHN | 11/25/2025 9:36:20 AM | MMDadoda | 11/26/2025 1:52:04 PM | Peak Integrated by Software |
| VSTDICC150 | VN088349.D | Allyl chloride | JOHN | 11/25/2025 9:36:20 AM | MMDadoda | 11/26/2025 1:52:04 PM | Peak Integrated by Software |
| VSTDICC150 | VN088349.D | Vinyl Acetate | JOHN | 11/25/2025 9:36:20 AM | MMDadoda | 11/26/2025 1:52:04 PM | Peak Integrated by Software |
| VSTDICV050 | VN088351.D | 1,2,3-Trichloropropane | JOHN | 11/25/2025 9:36:25 AM | MMDadoda | 11/26/2025 1:52:07 PM | Peak Integrated by Software |
| VSTDICV050 | VN088351.D | N-amyl acetate | JOHN | 11/25/2025 9:36:25 AM | MMDadoda | 11/26/2025 1:52:07 PM | Peak Integrated by Software |
| VSTDICV050 | VN088351.D | Vinyl Acetate | JOHN | 11/25/2025 9:36:25 AM | MMDadoda | 11/26/2025 1:52:07 PM | Peak Integrated by Software |

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



# Manual Integration Report

| Sequence: | VN120125 | Instrument | MSVOA_n |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VN088370.D | 1,2,3-Trichloropropane | JOHN | 12/2/2025 7:49:00 AM | MMDadoda | 12/2/2025 1:11:28 PM | Peak Integrated by Software |
| VSTDCCC050 | VN088370.D | Methacrylonitrile | JOHN | 12/2/2025 7:49:00 AM | MMDadoda | 12/2/2025 1:11:28 PM | Peak Integrated by Software |
| VSTDCCC050 | VN088370.D | N-amyl acetate | JOHN | 12/2/2025 7:49:00 AM | MMDadoda | 12/2/2025 1:11:28 PM | Peak Integrated by Software |
| VSTDCCC050 | VN088370.D | Vinyl Acetate | JOHN | 12/2/2025 7:49:00 AM | MMDadoda | 12/2/2025 1:11:28 PM | Peak Integrated by Software |
| VN1201WBS01 | VN088373.D | 1,2,3-Trichloropropane | JOHN | 12/2/2025 7:49:05 AM | MMDadoda | 12/2/2025 1:11:32 PM | Peak Integrated by Software |
| VN1201WBS01 | VN088373.D | N-amyl acetate | JOHN | 12/2/2025 7:49:05 AM | MMDadoda | 12/2/2025 1:11:32 PM | Peak Integrated by Software |
| VN1201WBS01 | VN088373.D | Vinyl Acetate | JOHN | 12/2/2025 7:49:05 AM | MMDadoda | 12/2/2025 1:11:32 PM | Peak Integrated by Software |
| VN1201WBSD01 | VN088374.D | 1,2,3-Trichloropropane | JOHN | 12/2/2025 7:49:10 AM | MMDadoda | 12/2/2025 1:11:38 PM | Peak Integrated by Software |
| VN1201WBSD01 | VN088374.D | N-amyl acetate | JOHN | 12/2/2025 7:49:10 AM | MMDadoda | 12/2/2025 1:11:38 PM | Peak Integrated by Software |
| VN1201WBSD01 | VN088374.D | Vinyl Acetate | JOHN | 12/2/2025 7:49:10 AM | MMDadoda | 12/2/2025 1:11:38 PM | Peak Integrated by Software |
| Q3715-02 | VN088375.D | n-Butylbenzene | JOHN | 12/2/2025 7:49:14 AM | MMDadoda | 12/2/2025 1:11:48 PM | Peak Integrated by Software |
| Q3715-02 | VN088375.D | o-Xylene | JOHN | 12/2/2025 7:49:14 AM | MMDadoda | 12/2/2025 1:11:48 PM | Peak Integrated by Software |
| VSTDCCC050 | VN088394.D | 1,2,3-Trichloropropane | JOHN | 12/2/2025 7:49:42 AM | MMDadoda | 12/2/2025 1:12:07 PM | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | VN120125 | Instrument | MSVOA_n |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VN088394.D | N-amyl acetate | JOHN | 12/2/2025 7:49:42 AM | MMDadoda | 12/2/2025 1:12:07 PM | Peak Integrated by Software |
| VSTDCCC050 | VN088394.D | Vinyl Acetate | JOHN | 12/2/2025 7:49:42 AM | MMDadoda | 12/2/2025 1:12:07 PM | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | VX110725 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICC001 | VX048516.D | 1,2,3-Trichloropropane | JOHN | 11/10/2025 8:27:19 AM | sam | 11/10/2025 10:11:26 AM | Peak Integrated by Software |
| VSTDICC001 | VX048516.D | 1,4-Dichlorobenzene | JOHN | 11/10/2025 8:27:19 AM | sam | 11/10/2025 10:11:26 AM | Peak Integrated by Software |
| VSTDICC001 | VX048516.D | 2-Chloroethyl Vinyl ether | JOHN | 11/10/2025 8:27:19 AM | sam | 11/10/2025 10:11:26 AM | Peak Integrated by Software |
| VSTDICC005 | VX048517.D | 1,2,3-Trichloropropane | JOHN | 11/10/2025 8:27:24 AM | sam | 11/10/2025 10:11:30 AM | Peak Integrated by Software |
| VSTDICC005 | VX048517.D | 2-Chloroethyl Vinyl ether | JOHN | 11/10/2025 8:27:24 AM | sam | 11/10/2025 10:11:30 AM | Peak Integrated by Software |
| VSTDICC020 | VX048518.D | 1,2,3-Trichloropropane | JOHN | 11/10/2025 8:27:29 AM | sam | 11/10/2025 10:11:35 AM | Peak Integrated by Software |
| VSTDICC020 | VX048518.D | 2-Chloroethyl Vinyl ether | JOHN | 11/10/2025 8:27:29 AM | sam | 11/10/2025 10:11:35 AM | Peak Integrated by Software |
| VSTDICC020 | VX048518.D | Acrolein | JOHN | 11/10/2025 8:27:29 AM | sam | 11/10/2025 10:11:35 AM | Peak Integrated by Software |
| VSTDICC100 | VX048520.D | 1,2,3-Trichloropropane | JOHN | 11/10/2025 8:27:38 AM | sam | 11/10/2025 10:12:15 AM | Peak Integrated by Software |
| VSTDICC100 | VX048520.D | Bromomethane | JOHN | 11/10/2025 8:27:38 AM | sam | 11/10/2025 10:12:15 AM | Peak Integrated by Software |
| VSTDICC150 | VX048521.D | 1,2,3-Trichloropropane | JOHN | 11/10/2025 8:27:44 AM | sam | 11/10/2025 10:11:39 AM | Peak Integrated by Software |
| VSTDICCC050 | VX048524.D | 1,2,3-Trichloropropane | JOHN | 11/10/2025 8:27:53 AM | sam | 11/10/2025 10:12:22 AM | Peak Integrated by Software |
| VSTDICV050 | VX048525.D | 1,2,3-Trichloropropane | JOHN | 11/10/2025 8:27:58 AM | sam | 11/10/2025 10:11:48 AM | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | VX110725 | Instrument | MSVOA_x |
|---|---|---|---|

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

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



# Manual Integration Report

| Sequence: | VX112525 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VX048672.D | 1,2,3-Trichloropropane | JOHN | 11/26/2025 8:19:05 AM | MMDadoda | 11/26/2025 12:38:27 PM | Peak Integrated by Software |
| VX1125WBS01 | VX048675.D | 1,2,3-Trichloropropane | JOHN | 11/26/2025 8:19:10 AM | MMDadoda | 11/26/2025 12:38:32 PM | Peak Integrated by Software |
| VX1125WBS01 | VX048675.D | Ethyl Acetate | JOHN | 11/26/2025 8:19:10 AM | MMDadoda | 11/26/2025 12:38:32 PM | Peak Integrated by Software |
| VSTDCCC050 | VX048684.D | 1,2,3-Trichloropropane | JOHN | 11/26/2025 8:19:36 AM | MMDadoda | 11/26/2025 12:38:52 PM | Peak Integrated by Software |

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



**Instrument ID: MSVOA_N**

## Daily Analysis Runlog For Sequence/QCBatch ID # VN112425

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 11/25/2025 9:36:43 AM | | | | |
| Supervise By | Mahesh Dadoda | Supervise On | 11/26/2025 1:52:19 PM | | | | |
| SubDirectory | VN112425 | HP Acquire Method | MSVOA_N | HP Processing Method | 82N112425W.M | | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136378 |
| Initial Calibration Stds | VP136444,VP136445,VP136446,VP136447,VP136448,VP136449 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | VP136450 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VN088343.D | 24 Nov 2025 08:17 | JC\MD | Ok |
| 2 | VSTDICC001 | VN088344.D | 24 Nov 2025 12:38 | JC\MD | Ok,M |
| 3 | VSTDICC005 | VN088345.D | 24 Nov 2025 13:11 | JC\MD | Ok,M |
| 4 | VSTDICC020 | VN088346.D | 24 Nov 2025 13:32 | JC\MD | Ok,M |
| 5 | VSTDICCC050 | VN088347.D | 24 Nov 2025 13:53 | JC\MD | Ok,M |
| 6 | VSTDICC100 | VN088348.D | 24 Nov 2025 14:14 | JC\MD | Ok,M |
| 7 | VSTDICC150 | VN088349.D | 24 Nov 2025 14:35 | JC\MD | Ok,M |
| 8 | IBLK | VN088350.D | 24 Nov 2025 14:56 | JC\MD | Ok |
| 9 | VSTDICV050 | VN088351.D | 24 Nov 2025 15:18 | JC\MD | Ok,M |

M : Manual Integration

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**Instrument ID: MSVOA_N**

## Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Semsettin Yesilyurt | Review On | 12/4/2025 10:27:11 AM | | | | |
| Supervise By | John Carlone | Supervise On | 12/4/2025 10:36:07 AM | | | | |
| SubDirectory | VN120125 | HP Acquire Method | MSVOA_N | | HP Processing Method | 82N112425W.M | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136451 |
| Initial Calibration Stds | |
| CCC | VP136452,VP136453 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VN088369.D | 01 Dec 2025 08:49 | JC\MD | Ok |
| 2 | VSTDCCC050 | VN088370.D | 01 Dec 2025 09:58 | JC\MD | Ok,M |
| 3 | VN1201MBL01 | VN088371.D | 01 Dec 2025 10:33 | JC\MD | Ok |
| 4 | VN1201WBL01 | VN088372.D | 01 Dec 2025 10:53 | JC\MD | Ok |
| 5 | VN1201WBS01 | VN088373.D | 01 Dec 2025 11:27 | JC\MD | Ok,M |
| 6 | VN1201WBSD01 | VN088374.D | 01 Dec 2025 12:10 | JC\MD | Ok,M |
| 7 | Q3715-02 | VN088375.D | 01 Dec 2025 12:30 | JC\MD | Ok,M |
| 8 | Q3741-07 | VN088376.D | 01 Dec 2025 12:51 | JC\MD | Ok |
| 9 | Q3716-01 | VN088377.D | 01 Dec 2025 13:11 | JC\MD | Dilution |
| 10 | Q3716-03 | VN088378.D | 01 Dec 2025 13:32 | JC\MD | Not Ok |
| 11 | Q3716-04 | VN088379.D | 01 Dec 2025 13:52 | JC\MD | Dilution |
| 12 | Q3715-01 | VN088380.D | 01 Dec 2025 14:13 | JC\MD | ReRun |
| 13 | Q3716-02 | VN088381.D | 01 Dec 2025 14:33 | JC\MD | Ok |
| 14 | Q3738-01 | VN088382.D | 01 Dec 2025 14:54 | JC\MD | Not Ok |
| 15 | Q3738-03 | VN088383.D | 01 Dec 2025 15:15 | JC\MD | Ok |
| 16 | Q3738-02 | VN088384.D | 01 Dec 2025 15:35 | JC\MD | Ok,M |
| 17 | Q3745-01 | VN088385.D | 01 Dec 2025 15:56 | JC\MD | ReRun |
| 18 | Q3745-02 | VN088386.D | 01 Dec 2025 16:16 | JC\MD | Ok |
| 19 | Q3745-03 | VN088387.D | 01 Dec 2025 16:37 | JC\MD | Ok |
| 20 | Q3745-04 | VN088388.D | 01 Dec 2025 16:58 | JC\MD | Ok |
| 21 | Q3743-03 | VN088389.D | 01 Dec 2025 17:18 | JC\MD | Ok |

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**Instrument ID: MSVOA_N**

## Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Semsettin Yesilyurt | Review On | 12/4/2025 10:27:11 AM | | | | |
| Supervise By | John Carlone | Supervise On | 12/4/2025 10:36:07 AM | | | | |
| SubDirectory | VN120125 | HP Acquire Method | MSVOA_N | HP Processing Method | 82N112425W.M | | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136451 |
| Initial Calibration Stds | |
| CCC | VP136452,VP136453 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q3743-04 | VN088390.D | 01 Dec 2025 17:39 | JC\MD | Ok |
| 23 | Q3743-05 | VN088391.D | 01 Dec 2025 18:00 | JC\MD | Not Ok |
| 24 | Q3743-01 | VN088392.D | 01 Dec 2025 18:20 | JC\MD | Ok |
| 25 | Q3743-02 | VN088393.D | 01 Dec 2025 18:41 | JC\MD | Ok |
| 26 | VSTDCCC050 | VN088394.D | 01 Dec 2025 19:01 | JC\MD | Ok,M |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX110725

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 11/10/2025 8:28:24 AM | | | | |
| Supervise By | Amit Patel | Supervise On | 11/10/2025 9:54:56 AM | | | | |
| SubDirectory | VX110725 | HP Acquire Method | MSVOA_X | | HP Processing Method | 82X110725W.M | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136104 |
| Initial Calibration Stds | VP136097,VP136098,VP135099,VP136100,VP136101,VP135102 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | VP136103 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX048515.D | 07 Nov 2025 13:06 | JC/MD | Ok |
| 2 | VSTDICC001 | VX048516.D | 07 Nov 2025 13:35 | JC/MD | Ok,M |
| 3 | VSTDICC005 | VX048517.D | 07 Nov 2025 13:56 | JC/MD | Ok,M |
| 4 | VSTDICC020 | VX048518.D | 07 Nov 2025 14:16 | JC/MD | Ok,M |
| 5 | VSTDICCC050 | VX048519.D | 07 Nov 2025 14:37 | JC/MD | Not Ok |
| 6 | VSTDICC100 | VX048520.D | 07 Nov 2025 14:58 | JC/MD | Ok,M |
| 7 | VSTDICC150 | VX048521.D | 07 Nov 2025 15:18 | JC/MD | Ok,M |
| 8 | VIBLK | VX048522.D | 07 Nov 2025 15:39 | JC/MD | Ok |
| 9 | VSTDICC005 | VX048523.D | 07 Nov 2025 16:08 | JC/MD | Not Ok |
| 10 | VSTDICCC050 | VX048524.D | 07 Nov 2025 16:29 | JC/MD | Ok,M |
| 11 | VSTDICV050 | VX048525.D | 07 Nov 2025 16:50 | JC/MD | Ok,M |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX112525

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 11/26/2025 8:21:34 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 11/26/2025 12:39:09 PM | | |
| SubDirectory | VX112525 | HP Acquire Method | | HP Processing Method | 82X110725W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136388 |
| Initial Calibration Stds | |
| CCC | VP136389,VP136390 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX048671.D | 25 Nov 2025 08:48 | JC/MD | Ok |
| 2 | VSTDCCC050 | VX048672.D | 25 Nov 2025 09:48 | JC/MD | Ok,M |
| 3 | VX1125MBL01 | VX048673.D | 25 Nov 2025 10:17 | JC/MD | Ok |
| 4 | VX1125WBL01 | VX048674.D | 25 Nov 2025 10:38 | JC/MD | Ok |
| 5 | VX1125WBS01 | VX048675.D | 25 Nov 2025 11:05 | JC/MD | Ok,M |
| 6 | VX1125WBSD01 | VX048676.D | 25 Nov 2025 11:32 | JC/MD | Ok,M |
| 7 | Q3715-02 | VX048677.D | 25 Nov 2025 12:19 | JC/MD | Not Ok |
| 8 | Q3715-01 | VX048678.D | 25 Nov 2025 12:39 | JC/MD | Ok |
| 9 | Q3715-03 | VX048679.D | 25 Nov 2025 13:00 | JC/MD | Ok |
| 10 | Q3716-01DL | VX048680.D | 25 Nov 2025 13:21 | JC/MD | Not Ok |
| 11 | Q3716-02 | VX048681.D | 25 Nov 2025 13:41 | JC/MD | Not Ok |
| 12 | Q3716-03 | VX048682.D | 25 Nov 2025 14:02 | JC/MD | Not Ok |
| 13 | Q3716-04 | VX048683.D | 25 Nov 2025 14:23 | JC/MD | Not Ok |
| 14 | VSTDCCC050 | VX048684.D | 25 Nov 2025 14:43 | JC/MD | Ok,M |

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**Instrument ID:** MSVOA_N

## Daily Analysis Runlog For Sequence/QCBatch ID # VN112425

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 11/25/2025 9:36:43 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 11/26/2025 1:52:19 PM | | |
| SubDirectory | VN112425 | HP Acquire Method | MSVOA_N | HP Processing Method | 82N112425W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136378 |
| Initial Calibration Stds | VP136444,VP136445,VP136446,VP136447,VP136448,VP136449 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | VP136450 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VN088343.D | 24 Nov 2025 08:17 | | JC\MD | Ok |
| 2 | VSTDICC001 | VSTDICC001 | VN088344.D | 24 Nov 2025 12:38 | | JC\MD | Ok,M |
| 3 | VSTDICC005 | VSTDICC005 | VN088345.D | 24 Nov 2025 13:11 | COM.#74 Peak not detected in 1 and 5 PPB | JC\MD | Ok,M |
| 4 | VSTDICC020 | VSTDICC020 | VN088346.D | 24 Nov 2025 13:32 | | JC\MD | Ok,M |
| 5 | VSTDICCC050 | VSTDICCC050 | VN088347.D | 24 Nov 2025 13:53 | Method failed for Comp. #74 | JC\MD | Ok,M |
| 6 | VSTDICC100 | VSTDICC100 | VN088348.D | 24 Nov 2025 14:14 | | JC\MD | Ok,M |
| 7 | VSTDICC150 | VSTDICC150 | VN088349.D | 24 Nov 2025 14:35 | | JC\MD | Ok,M |
| 8 | IBLK | IBLK | VN088350.D | 24 Nov 2025 14:56 | | JC\MD | Ok |
| 9 | VSTDICV050 | ICVVN112425 | VN088351.D | 24 Nov 2025 15:18 | | JC\MD | Ok,M |

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**Instrument ID:** MSVOA_N

## Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

| | | | | | |
|---|---|---|---|---|---|
| Review By | Semsettin Yesilyurt | Review On | 12/4/2025 10:27:11 AM | | |
| Supervise By | John Carlone | Supervise On | 12/4/2025 10:36:07 AM | | |
| SubDirectory | VN120125 | HP Acquire Method | MSVOA_N | HP Processing Method | 82N112425W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136451 |
| Initial Calibration Stds | |
| CCC | VP136452,VP136453 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VN088369.D | 01 Dec 2025 08:49 | | JC\MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VN088370.D | 01 Dec 2025 09:58 | pH#Lot#V12668 | JC\MD | Ok,M |
| 3 | VN1201MBL01 | VN1201MBL01 | VN088371.D | 01 Dec 2025 10:33 | | JC\MD | Ok |
| 4 | VN1201WBL01 | VN1201WBL01 | VN088372.D | 01 Dec 2025 10:53 | | JC\MD | Ok |
| 5 | VN1201WBS01 | VN1201WBS01 | VN088373.D | 01 Dec 2025 11:27 | | JC\MD | Ok,M |
| 6 | VN1201WBSD01 | VN1201WBSD01 | VN088374.D | 01 Dec 2025 12:10 | | JC\MD | Ok,M |
| 7 | Q3715-02 | MW6 | VN088375.D | 01 Dec 2025 12:30 | vial A pH<2 | JC\MD | Ok,M |
| 8 | Q3741-07 | TB-1 | VN088376.D | 01 Dec 2025 12:51 | vial A pH<2 TB | JC\MD | Ok |
| 9 | Q3716-01 | MW5 | VN088377.D | 01 Dec 2025 13:11 | vial A pH<2 Need 20X | JC\MD | Dilution |
| 10 | Q3716-03 | MW4 | VN088378.D | 01 Dec 2025 13:32 | Need Straight Run | JC\MD | Not Ok |
| 11 | Q3716-04 | MW7 | VN088379.D | 01 Dec 2025 13:52 | Need 200X | JC\MD | Dilution |
| 12 | Q3715-01 | MW2 | VN088380.D | 01 Dec 2025 14:13 | E flag of previous sample | JC\MD | ReRun |
| 13 | Q3716-02 | MW3 | VN088381.D | 01 Dec 2025 14:33 | vial A pH<2 | JC\MD | Ok |
| 14 | Q3738-01 | MW4 | VN088382.D | 01 Dec 2025 14:54 | Run @ Lower Dilution | JC\MD | Not Ok |
| 15 | Q3738-03 | Field | VN088383.D | 01 Dec 2025 15:15 | vial A pH<2 FB | JC\MD | Ok |
| 16 | Q3738-02 | MW5 | VN088384.D | 01 Dec 2025 15:35 | vial A pH<2 | JC\MD | Ok,M |
| 17 | Q3745-01 | STORAGE-BLANK-SO | VN088385.D | 01 Dec 2025 15:56 | vial A pH<2 Tics Contamination | JC\MD | ReRun |
| 18 | Q3745-02 | STORAGE-BLANK-WA | VN088386.D | 01 Dec 2025 16:16 | vial A pH<2 | JC\MD | Ok |

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**Instrument ID:** MSVOA_N

## Daily Analysis Runlog For Sequence/QCBatch ID # VN120125

| | | | | | |
|---|---|---|---|---|---|
| Review By | Semsettin Yesilyurt | Review On | 12/4/2025 10:27:11 AM | | |
| Supervise By | John Carlone | Supervise On | 12/4/2025 10:36:07 AM | | |
| SubDirectory | VN120125 | HP Acquire Method | MSVOA_N | HP Processing Method | 82N112425W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136451 |
| Initial Calibration Stds | |
| CCC | VP136452,VP136453 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q3745-03 | STORAGE-BLANK-WA | VN088387.D | 01 Dec 2025 16:37 | vial A pH<2 | JC\MD | Ok |
| 20 | Q3745-04 | STORAGE-BLANK-SAI | VN088388.D | 01 Dec 2025 16:58 | vial A pH<2 | JC\MD | Ok |
| 21 | Q3743-03 | TB | VN088389.D | 01 Dec 2025 17:18 | vial A pH<2 TB | JC\MD | Ok |
| 22 | Q3743-04 | TB | VN088390.D | 01 Dec 2025 17:39 | vial A pH<2 TB | JC\MD | Ok |
| 23 | Q3743-05 | TB | VN088391.D | 01 Dec 2025 18:00 | SIM Method on login | JC\MD | Not Ok |
| 24 | Q3743-01 | TW-1125-1 | VN088392.D | 01 Dec 2025 18:20 | vial A pH<2 | JC\MD | Ok |
| 25 | Q3743-02 | TW-1125-2 | VN088393.D | 01 Dec 2025 18:41 | vial A pH<2 | JC\MD | Ok |
| 26 | VSTDCCC050 | VSTDCCC050EC | VN088394.D | 01 Dec 2025 19:01 | | JC\MD | Ok,M |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX110725

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 11/10/2025 8:28:24 AM | | |
| Supervise By | Amit Patel | Supervise On | 11/10/2025 9:54:56 AM | | |
| SubDirectory | VX110725 | HP Acquire Method | MSVOA_X | HP Processing Method | 82X110725W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136104 |
| Initial Calibration Stds | VP136097,VP136098,VP135099,VP136100,VP136101,VP135102 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | VP136103 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VX048515.D | 07 Nov 2025 13:06 | | JC/MD | Ok |
| 2 | VSTDICC001 | VSTDICC001 | VX048516.D | 07 Nov 2025 13:35 | | JC/MD | Ok,M |
| 3 | VSTDICC005 | VSTDICC005 | VX048517.D | 07 Nov 2025 13:56 | | JC/MD | Ok,M |
| 4 | VSTDICC020 | VSTDICC020 | VX048518.D | 07 Nov 2025 14:16 | | JC/MD | Ok,M |
| 5 | VSTDICCC050 | VSTDICCC050 | VX048519.D | 07 Nov 2025 14:37 | spiked low | JC/MD | Not Ok |
| 6 | VSTDICC100 | VSTDICC100 | VX048520.D | 07 Nov 2025 14:58 | | JC/MD | Ok,M |
| 7 | VSTDICC150 | VSTDICC150 | VX048521.D | 07 Nov 2025 15:18 | | JC/MD | Ok,M |
| 8 | VIBLK | VIBLK | VX048522.D | 07 Nov 2025 15:39 | | JC/MD | Ok |
| 9 | VSTDICC005 | VSTDICC005 | VX048523.D | 07 Nov 2025 16:08 | spike error | JC/MD | Not Ok |
| 10 | VSTDICCC050 | VSTDICCC050 | VX048524.D | 07 Nov 2025 16:29 | | JC/MD | Ok,M |
| 11 | VSTDICV050 | ICVVX110725 | VX048525.D | 07 Nov 2025 16:50 | | JC/MD | Ok,M |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX112525

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 11/26/2025 8:21:34 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 11/26/2025 12:39:09 PM | | |
| SubDirectory | VX112525 | HP Acquire Method | | HP Processing Method | 82X110725W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP136388 |
| Initial Calibration Stds | |
| CCC | VP136389,VP136390 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VX048671.D | 25 Nov 2025 08:48 | | JC/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VX048672.D | 25 Nov 2025 09:48 | pH#Lot#V12668 | JC/MD | Ok,M |
| 3 | VX1125MBL01 | VX1125MBL01 | VX048673.D | 25 Nov 2025 10:17 | | JC/MD | Ok |
| 4 | VX1125WBL01 | VX1125WBL01 | VX048674.D | 25 Nov 2025 10:38 | | JC/MD | Ok |
| 5 | VX1125WBS01 | VX1125WBS01 | VX048675.D | 25 Nov 2025 11:05 | | JC/MD | Ok,M |
| 6 | VX1125WBSD01 | VX1125WBSD01 | VX048676.D | 25 Nov 2025 11:32 | | JC/MD | Ok,M |
| 7 | Q3715-02 | MW6 | VX048677.D | 25 Nov 2025 12:19 | Run @ Lower Dilution | JC/MD | Not Ok |
| 8 | Q3715-01 | MW2 | VX048678.D | 25 Nov 2025 12:39 | vial A pH<2 | JC/MD | Ok |
| 9 | Q3715-03 | MW7 | VX048679.D | 25 Nov 2025 13:00 | vial A pH<2 | JC/MD | Ok |
| 10 | Q3716-01DL | MW5DL | VX048680.D | 25 Nov 2025 13:21 | Not match exactly please check | JC/MD | Not Ok |
| 11 | Q3716-02 | MW3 | VX048681.D | 25 Nov 2025 13:41 | Surrogate Fail;BS,BSD failed high for comp. #52;Run @ Lower Dilution | JC/MD | Not Ok |
| 12 | Q3716-03 | MW4 | VX048682.D | 25 Nov 2025 14:02 | BS,BSD failed high for comp. #52;Run @ Lower Dilution | JC/MD | Not Ok |
| 13 | Q3716-04 | MW7 | VX048683.D | 25 Nov 2025 14:23 | vial A pH<2 BS,BSD failed high for comp. #52;Need 200X | JC/MD | Not Ok |
| 14 | VSTDCCC050 | VSTDCCC050EC | VX048684.D | 25 Nov 2025 14:43 | | JC/MD | Ok,M |

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3715 | **OrderDate:** | 11/24/2025 2:29:36 PM |
| **Client:** | G Environmental | **Project:** | Union |
| **Contact:** | Gary Landis | **Location:** | VOA Lab |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3715-01** | **MW2** | **Water** | | | **11/24/25** | | | **11/24/25** |
| | | | VOCMS Group1 | 8260-Low | | | 11/25/25 | |
| **Q3715-02** | **MW6** | **Water** | | | **11/24/25** | | | **11/24/25** |
| | | | VOCMS Group1 | 8260-Low | | | 12/01/25 | |
| **Q3715-03** | **MW7** | **Water** | | | **11/24/25** | | | **11/24/25** |
| | | | VOCMS Group1 | 8260-Low | | | 11/25/25 | |

# SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q 3715
COC Number 2046961

6
6.1

## CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: Union
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

## CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

## DATA TURNAROUND INFORMATION

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

## DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ Level 2 (Results + QC)
- X NJ Reduced
- ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- X EDD FORMAT master excel. pdf

## ANALYSIS

TCL VOCs 15 + 10A

| ALLIANCE SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 (HCl) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | MW2 | GW | | X | 11/24/25 | 1320 | 2 | X | | | | | | | | |
| 2. | MW6 | GW | | X | 11/24/25 | ~~1330~~ 1345 | 2 | X | | | | | | | | |
| 3. | MW7 | GW | | X | 11/24/25 | 1345 | 2 | X | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | |

COMMENTS
← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

| RELINQUISHED BY SAMPLER: | DATE/TIME: | RECEIVED BY: |
|---|---|---|
| 1. | 1406 11-24-2025 | 1. |
| 2. | | 2. |
| 3. | | 3. |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT X COOLER TEMP 1.5 °C
Comments: 1.0° + 0.5 = 1.0°

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO



WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

# 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 |

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



# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3715 GENV01
**Client Name :** G Environmental
**Client Contact :** Gary Landis
**Invoice Name :** G Environmental
**Invoice Contact :** Gary Landis

**Order Date :** 11/24/2025 2:29:36 PM
**Project Name :** Union
**Receive DateTime :** 11/24/2025 2:06:00 PM
**Purchase Order :**

**Project Mgr :**
**Report Type :** ~~Level 1~~ NJ Reduced
**EDD Type :** Excel NJ
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q3715-01 | MW2 | Water | 11/24/2025 | 13:20 | VOCMS Group1 ~~VOC-TCLVOA-10~~ | | 8260-Low | | 10 Bus. Days |
| Q3715-02 | MW6 | Water | 11/24/2025 | 12:45 | VOCMS Group1 ~~VOC-TCLVOA-10~~ | | 8260-Low | | 10 Bus. Days |
| Q3715-03 | MW7 | Water | 11/24/2025 | 13:45 | VOCMS Group1 ~~VOC-TCLVOA-10~~ | | 8260-Low | | 10 Bus. Days |

**Relinguished By :**
**Date / Time :** 11/24/25 1531

**Received By :**
**Date / Time :** 11/24/25 1531

**Storage Area :** **VOA Refridgerator Room**