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

# DATA PACKAGE

## VOLATILE ORGANICS

**PROJECT NAME : NWIRP NORTHRUP GRUMMAN SITE – BETHPAGE, NY**

**ICE SERVICE GROUP, INC.**

**191 Central Avenue Suite 200C**

**Newark, NJ - 07103**

**Phone No: 4129165710**

**ORDER ID : Q3399**

**ATTENTION : Dennis D. Morgan, II**

**Laboratory Certification ID # 20012**

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# Cover Page

**Order ID :** Q3399

**Project ID :** NWIRP Northrup Grumman Site – Bethpage, NY

**Client :** ICE Service Group, Inc.

| Lab Sample Number | Client Sample Number |
|---|---|
| Q3399-01 | COMP-ROLLOFF |
| Q3399-02 | COMP-ROLLOFF |
| Q3399-03 | COMP-ROLLOFF |
| Q3399-04 | COMP-ROLLOFF |

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: 12/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**ICE Service Group, Inc.**
**Project Name: NWIRP Northrup Grumman Site – Bethpage, NY**
**Project # N/A**
**Order ID # Q3399**
**Test Name: TCLP VOA**

**A. Number of Samples and Date of Receipt:**
4 Solid samples were received on 10/20/2025.
**B. Parameters**
According to the Chain of Custody document, the following analyses were requested: TCLP VOA. This data package contains results for TCLP VOA.

**C. Analytical Techniques:**
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 TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

**D. QA/ QC Samples:**
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis except for COMP-ROLLOFF [Toluene-d8 - 83%] and VX1024WBL01 [Dibromofluoromethane - 78%, Toluene-d8 - 86%] Surrogate failing for Original sample as a corrective action sample reanalyzed but in reanalysis surrogate failing for Blank therefore both run reported.
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 for {VX1024WBS01} with File ID: VX048341.D met requirements for all compounds except for Vinyl chloride[139%]. Failing high but associtaed samples have no positive hit for this compound therefore no corrective action was taken.
The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration File ID VX048339.D met the requirements except for Vinyl Chloride. Failing high but associated samples have not positive hit for this compound therefore no corrective action was taken.
The Tuning criteria met requirements.

**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.

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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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# 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 |

## GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3399 MATRIX: TCLP

METHOD: 8260D/1311

| | | NA | NO | YES |
|---|---|---|---|---|
| 1. | Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks) | | | ✓ |
| 2. | GC/MS Tuning Specifications<br>BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ) | | | ✓ |
| 3. | GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series. | | | ✓ |
| 4. | GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series. | | | ✓ |
| 5. | GC/MS Calibration Requirements.<br>The Initial Calibration met the requirements.<br>The Continuous Calibration File ID VX048339.D met the requirements except for Vinyl Chloride. Failing high but associated samples have not positive hit for this compound therefore no corrective action was taken. | | ✓ | |
| 6. | Blank Contamination - If yes, list compounds and concentrations in each blank: | | ✓ | |
| 7. | Surrogate Recoveries Meet Criteria<br>If not met, list those compounds and their recoveries which fall outside the acceptable ranges.<br>The Surrogate recoveries were met for all analysis except for COMP-ROLLOFF [Toluene-d8 - 83%] and VX1024WBL01 [Dibromofluoromethane - 78%, Toluene-d8 - 86%] Surrogate failing for Original sample as a corrective action sample reanalyzed but in reanalysis surrogate failing for Blank therefore both run reported. | | ✓ | |
| 8. | Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria<br>If not met, list those compounds and their recoveries which fall outside the acceptable range.<br>The Blank Spike for {VX1024WBS01} with File ID: VX048341.D met requirements for all compounds except for Vinyl chloride[139%]. Failing high but associtaed samples have no positive hit for this compound therefore no corrective action was taken.<br>The Blank Spike Duplicate met requirements for all compounds. | | ✓ | |
| 9. | Internal Standard Area/Retention Time Shift Meet Criteria<br>Comments: | | | ✓ |

## GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

| | | NA | NO | YES |
|---|---|---|---|---|
| 10. | Analysis Holding Time Met | | | ✓ |
| | If not met, list number of days exceeded for each sample: | | | |

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.

_____ _____

QA REVIEW Date

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## APPENDIX A

## QA REVIEW GENERAL DOCUMENTATION

**Project #:** Q3399

| | 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:** 12/17/2025

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3399 | **OrderDate:** | 10/20/2025 1:23:08 PM |
| **Client:** | ICE Service Group, Inc. | **Project:** | NWIRP Northrup Grumman Site – Bethpage, NY |
| **Contact:** | Dennis D. Morgan, II | **Location:** | D41,VOA Ref. #2 Soil |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3399-03** | **COMP-ROLLOFF** | **SOIL** | | | **10/20/25** | | | **10/20/25** |
| | | | VOC-TCLVOA-10 | 8260D | | | 10/21/25 | |
| **Q3399-04** | **COMP-ROLLOFF** | **TCLP** | | | **10/20/25** | | | **10/20/25** |
| | | | TCLP VOA | 8260D | | | 10/22/25 | |
| **Q3399-04RE** | **COMP-ROLLOFFRE** | **TCLP** | | | **10/20/25** | | | **10/20/25** |
| | | | TCLP VOA | 8260D | | | 10/24/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3399

**Client:** ICE Service Group, Inc.

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | LOD | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID:** | | | | | | | | | |
| | | | | 0 | | | | | |

**Total Voc :**

**Total Concentration:**

# QC SUMMARY

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# Surrogate Summary

**SDG No.:** Q3399

**Client:** ICE Service Group, Inc.

**Analytical Method:** SW8260D

| Lab Sample ID | Client ID | Parameter | Spike | Result | Recovery (%) | Qual | Limits (%) Low | High |
|---|---|---|---|---|---|---|---|---|
| Q3399-04 | COMP-ROLLOFF | 1,2-Dichloroethane-d4 | 50 | 51.0 | 102 | | 81 | 118 |
| | | Dibromofluoromethane | 50 | 43.7 | 87 | | 80 | 119 |
| | | Toluene-d8 | 50 | 41.4 | 83 | * | 89 | 112 |
| | | 4-Bromofluorobenzene | 50 | 46.2 | 92 | | 85 | 114 |
| Q3399-04RE | COMP-ROLLOFFRE | 1,2-Dichloroethane-d4 | 50 | 54.5 | 109 | | 81 | 118 |
| | | Dibromofluoromethane | 50 | 39.9 | 80 | | 80 | 119 |
| | | Toluene-d8 | 50 | 47.1 | 94 | | 89 | 112 |
| | | 4-Bromofluorobenzene | 50 | 50.4 | 101 | | 85 | 114 |

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# Surrogate Summary

**SDG No.:** Q3399

**Client:** ICE Service Group, Inc.

**Analytical Method:** SW8260-Low

| Lab Sample ID | Client ID | Parameter | Spike | Result | Recovery (%) | Qual | Limits (%) Low | High |
|---|---|---|---|---|---|---|---|---|
| VX1022WBL01 | VX1022WBL01 | 1,2-Dichloroethane-d4 | 50 | 50.7 | 101 | | 81 | 118 |
| | | Dibromofluoromethane | 50 | 49.1 | 98 | | 80 | 119 |
| | | Toluene-d8 | 50 | 47.7 | 95 | | 89 | 112 |
| | | 4-Bromofluorobenzene | 50 | 54.5 | 109 | | 85 | 114 |
| VX1022WBS01 | VX1022WBS01 | 1,2-Dichloroethane-d4 | 50 | 50.2 | 100 | | 81 | 118 |
| | | Dibromofluoromethane | 50 | 50.9 | 102 | | 80 | 119 |
| | | Toluene-d8 | 50 | 50.7 | 101 | | 89 | 112 |
| | | 4-Bromofluorobenzene | 50 | 52.4 | 105 | | 85 | 114 |
| VX1022WBSD0 | VX1022WBSD01 | 1,2-Dichloroethane-d4 | 50 | 49.3 | 99 | | 81 | 118 |
| | | Dibromofluoromethane | 50 | 49.3 | 99 | | 80 | 119 |
| | | Toluene-d8 | 50 | 49.2 | 98 | | 89 | 112 |
| | | 4-Bromofluorobenzene | 50 | 49.4 | 99 | | 85 | 114 |
| VX1024WBL01 | VX1024WBL01 | 1,2-Dichloroethane-d4 | 50 | 52.2 | 104 | | 81 | 118 |
| | | Dibromofluoromethane | 50 | 39.0 | 78 | * | 80 | 119 |
| | | Toluene-d8 | 50 | 43.1 | 86 | * | 89 | 112 |
| | | 4-Bromofluorobenzene | 50 | 42.7 | 85 | | 85 | 114 |
| VX1024WBS01 | VX1024WBS01 | 1,2-Dichloroethane-d4 | 50 | 51.3 | 103 | | 81 | 118 |
| | | Dibromofluoromethane | 50 | 41.6 | 83 | | 80 | 119 |
| | | Toluene-d8 | 50 | 49.6 | 99 | | 89 | 112 |
| | | 4-Bromofluorobenzene | 50 | 48.3 | 97 | | 85 | 114 |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3399 **Analytical Method:** SW8260-Low

**Client:** ICE Service Group, Inc. **Datafile :** VX048283.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX1022WBS01 | Vinyl chloride | 20 | 16.4 | ug/L | 82 | | | 58 | 137 | |
| | 1,1-Dichloroethene | 20 | 18.3 | ug/L | 92 | | | 71 | 131 | |
| | 2-Butanone | 100 | 88.7 | ug/L | 89 | | | 56 | 143 | |
| | Carbon Tetrachloride | 20 | 18.9 | ug/L | 95 | | | 72 | 136 | |
| | Chloroform | 20 | 19.4 | ug/L | 97 | | | 79 | 124 | |
| | Benzene | 20 | 18.9 | ug/L | 95 | | | 79 | 120 | |
| | 1,2-Dichloroethane | 20 | 20.4 | ug/L | 102 | | | 73 | 128 | |
| | Trichloroethene | 20 | 19.3 | ug/L | 97 | | | 79 | 123 | |
| | Tetrachloroethene | 20 | 17.9 | ug/L | 90 | | | 74 | 129 | |
| | Chlorobenzene | 20 | 19.3 | ug/L | 97 | | | 82 | 118 | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3399 **Analytical Method:** SW8260-Low

**Client:** ICE Service Group, Inc. **Datafile :** VX048284.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX1022WBSD01 | Vinyl chloride | 20 | 17.8 | ug/L | 89 | 8 | | 58 | 137 | 20 |
| | 1,1-Dichloroethene | 20 | 17.0 | ug/L | 85 | 8 | | 71 | 131 | 20 |
| | 2-Butanone | 100 | 88.8 | ug/L | 89 | 0 | | 56 | 143 | 20 |
| | Carbon Tetrachloride | 20 | 18.3 | ug/L | 92 | 3 | | 72 | 136 | 20 |
| | Chloroform | 20 | 19.2 | ug/L | 96 | 1 | | 79 | 124 | 20 |
| | Benzene | 20 | 18.6 | ug/L | 93 | 2 | | 79 | 120 | 20 |
| | 1,2-Dichloroethane | 20 | 19.6 | ug/L | 98 | 4 | | 73 | 128 | 20 |
| | Trichloroethene | 20 | 18.8 | ug/L | 94 | 3 | | 79 | 123 | 20 |
| | Tetrachloroethene | 20 | 18.3 | ug/L | 92 | 2 | | 74 | 129 | 20 |
| | Chlorobenzene | 20 | 19.1 | ug/L | 96 | 1 | | 82 | 118 | 20 |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3399 **Analytical Method:** SW8260-Low

**Client:** ICE Service Group, Inc. **Datafile :** VX048341.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX1024WBS01 | Vinyl chloride | 20 | 27.8 | ug/L | 139 | | * | 58 | 137 | |
| | 1,1-Dichloroethene | 20 | 20.7 | ug/L | 104 | | | 71 | 131 | |
| | 2-Butanone | 100 | 84.6 | ug/L | 85 | | | 56 | 143 | |
| | Carbon Tetrachloride | 20 | 18.5 | ug/L | 93 | | | 72 | 136 | |
| | Chloroform | 20 | 20.8 | ug/L | 104 | | | 79 | 124 | |
| | Benzene | 20 | 20.2 | ug/L | 101 | | | 79 | 120 | |
| | 1,2-Dichloroethane | 20 | 21.0 | ug/L | 105 | | | 73 | 128 | |
| | Trichloroethene | 20 | 19.2 | ug/L | 96 | | | 79 | 123 | |
| | Tetrachloroethene | 20 | 20.9 | ug/L | 104 | | | 74 | 129 | |
| | Chlorobenzene | 20 | 19.8 | ug/L | 99 | | | 82 | 118 | |

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# VOLATILE METHOD BLANK SUMMARY

Client ID: VX1022WBL01

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048282.D Lab Sample ID: VX1022WBL01

Date Analyzed: 10/22/2025 Time Analyzed: 09:26

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 |
|---|---|---|---|
| VX1022WBS01 | VX1022WBS01 | VX048283.D | 10/22/2025 |
| VX1022WBSD01 | VX1022WBSD01 | VX048284.D | 10/22/2025 |
| COMP-ROLLOFF | Q3399-04 | VX048300.D | 10/22/2025 |

COMMENTS:

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# VOLATILE METHOD BLANK SUMMARY

Client ID: VX1024WBL01

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048340.D Lab Sample ID: VX1024WBL01

Date Analyzed: 10/24/2025 Time Analyzed: 09:48

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 |
|---|---|---|---|
| VX1024WBS01 | VX1024WBS01 | VX048341.D | 10/24/2025 |
| COMP-ROLLOFFRE | Q3399-04RE | VX048343.D | 10/24/2025 |

COMMENTS:

Alliance TECHNICAL GROUP
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## VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: VX048226.D | BFB Injection Date: 10/20/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:15

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

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 17.7 |
| 75 | 30.0 - 60.0% of mass 95 | 50.7 |
| 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 | 0.3 ( 0.4 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 76.5 |
| 175 | 5.0 - 9.0% of mass 174 | 5.8 ( 7.5 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 73.8 ( 96.4 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.8 ( 6.5 ) 2 |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDICC001 | VSTDICC001 | VX048229.D | 10/20/2025 | 10:59 |
| VSTDICC020 | VSTDICC020 | VX048231.D | 10/20/2025 | 11:40 |
| VSTDICCC050 | VSTDICCC050 | VX048232.D | 10/20/2025 | 12:01 |
| VSTDICC100 | VSTDICC100 | VX048233.D | 10/20/2025 | 12:22 |
| VSTDICC150 | VSTDICC150 | VX048234.D | 10/20/2025 | 12:43 |
| VSTDICC005 | VSTDICC005 | VX048236.D | 10/20/2025 | 13:49 |

Alliance TECHNICAL GROUP
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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab File ID: VX048279.D
BFB Injection Date: 10/22/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:07
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 | 17.4 |
| 75 | 30.0 - 60.0% of mass 95 | 53.3 |
| 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 | 0.4 ( 0.5 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 77.5 |
| 175 | 5.0 - 9.0% of mass 174 | 6.4 ( 8.3 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 73.9 ( 95.4 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.7 ( 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 |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VX048280.D | 10/22/2025 | 08:37 |
| VX1022WBL01 | VX1022WBL01 | VX048282.D | 10/22/2025 | 09:26 |
| VX1022WBS01 | VX1022WBS01 | VX048283.D | 10/22/2025 | 09:53 |
| VX1022WBSD01 | VX1022WBSD01 | VX048284.D | 10/22/2025 | 10:18 |
| COMP-ROLLOFF | Q3399-04 | VX048300.D | 10/22/2025 | 15:50 |
| VSTDCCC050EC | VSTDCCC050 | VX048308.D | 10/22/2025 | 18:36 |

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

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

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab File ID: VX048338.D
BFB Injection Date: 10/24/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:19
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 | 54.7 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6 |
| 173 | Less than 2.0% of mass 174 | 0.9 ( 1.2 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 72.8 |
| 175 | 5.0 - 9.0% of mass 174 | 5.6 ( 7.8 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 71.6 ( 98.4 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.8 ( 6.8 ) 2 |

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

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VX048339.D | 10/24/2025 | 09:16 |
| VX1024WBL01 | VX1024WBL01 | VX048340.D | 10/24/2025 | 09:48 |
| VX1024WBS01 | VX1024WBS01 | VX048341.D | 10/24/2025 | 10:15 |
| COMP-ROLLOFFRE | Q3399-04RE | VX048343.D | 10/24/2025 | 11:03 |
| VSTDCCC050EC | VSTDCCC050 | VX048353.D | 10/24/2025 | 15:49 |

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048280.D Date Analyzed: 10/22/2025

Instrument ID: MSVOA_X Time Analyzed: 08:37

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 | 112883 | 5.53 | 171616 | 6.74 | 151325 | 10.04 |
| UPPER LIMIT | 225766 | 6.031 | 343232 | 7.239 | 302650 | 10.537 |
| LOWER LIMIT | 56441.5 | 5.031 | 85808 | 6.239 | 75662.5 | 9.537 |
| EPA SAMPLE NO. | | | | | | |
| COMP-ROLLOFF | 155579 | 5.54 | 306649 | 6.75 | 274083 | 10.04 |
| VX1022WBL01 | 97887 | 5.54 | 185129 | 6.75 | 199062 | 10.04 |
| VX1022WBS01 | 115938 | 5.54 | 185153 | 6.75 | 172449 | 10.04 |
| VX1022WBSD01 | 120104 | 5.53 | 195961 | 6.75 | 180624 | 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: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048280.D Date Analyzed: 10/22/2025

Instrument ID: MSVOA_X Time Analyzed: 08:37

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

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 76595 | 12 | | | | |
| UPPER LIMIT | 153190 | 12.5 | | | | |
| LOWER LIMIT | 38297.5 | 11.5 | | | | |
| EPA SAMPLE NO. | | | | | | |
| COMP-ROLLOFF | 141254 | 12.01 | | | | |
| VX1022WBL01 | 99844 | 12.01 | | | | |
| VX1022WBS01 | 91086 | 12.01 | | | | |
| VX1022WBSD01 | 92297 | 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.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048339.D Date Analyzed: 10/24/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

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 | 125053 | 5.53 | 210685 | 6.74 | 187763 | 10.04 |
| UPPER LIMIT | 250106 | 6.031 | 421370 | 7.239 | 375526 | 10.537 |
| LOWER LIMIT | 62526.5 | 5.031 | 105343 | 6.239 | 93881.5 | 9.537 |
| EPA SAMPLE NO. | | | | | | |
| COMP-ROLLOFFRE | 137283 | 5.54 | 270507 | 6.75 | 270324 | 10.04 |
| VX1024WBL01 | 90540 | 5.53 | 176490 | 6.74 | 165587 | 10.04 |
| VX1024WBS01 | 145979 | 5.53 | 238661 | 6.74 | 208902 | 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: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048339.D Date Analyzed: 10/24/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

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

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 93479 | 12.006 | | | | |
| UPPER LIMIT | 186958 | 12.506 | | | | |
| LOWER LIMIT | 46739.5 | 11.506 | | | | |
| EPA SAMPLE NO. | | | | | | |
| COMP-ROLLOFFRE | 123520 | 12.01 | | | | |
| VX1024WBL01 | 72164 | 12.01 | | | | |
| VX1024WBS01 | 103563 | 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.**

# SAMPLE DATA

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/20/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/20/25 |
| Client Sample ID: | COMP-ROLLOFF | SDG No.: | Q3399 |
| Lab Sample ID: | Q3399-04 | Matrix: | TCLP |
| Analytical Method: | 8260D Level: LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL Final Vol: 5000 uL | Test: | TCLP VOA |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 75-01-4 | Vinyl Chloride | 0.75 | U | 1 | 0.26 | 0.75 | 5.00 | ug/L | 10/22/25 15:50 | VX102225 |
| 75-35-4 | 1,1-Dichloroethene | 0.75 | U | 1 | 0.23 | 0.75 | 5.00 | ug/L | 10/22/25 15:50 | VX102225 |
| 78-93-3 | 2-Butanone | 2.50 | U | 1 | 0.98 | 2.50 | 25.0 | ug/L | 10/22/25 15:50 | VX102225 |
| 56-23-5 | Carbon Tetrachloride | 0.50 | U | 1 | 0.25 | 0.50 | 5.00 | ug/L | 10/22/25 15:50 | VX102225 |
| 67-66-3 | Chloroform | 0.50 | U | 1 | 0.25 | 0.50 | 5.00 | ug/L | 10/22/25 15:50 | VX102225 |
| 71-43-2 | Benzene | 0.50 | U | 1 | 0.15 | 0.50 | 5.00 | ug/L | 10/22/25 15:50 | VX102225 |
| 107-06-2 | 1,2-Dichloroethane | 0.75 | U | 1 | 0.22 | 0.75 | 5.00 | ug/L | 10/22/25 15:50 | VX102225 |
| 79-01-6 | Trichloroethene | 0.75 | U | 1 | 0.090 | 0.75 | 5.00 | ug/L | 10/22/25 15:50 | VX102225 |
| 127-18-4 | Tetrachloroethene | 0.50 | U | 1 | 0.23 | 0.50 | 5.00 | ug/L | 10/22/25 15:50 | VX102225 |
| 108-90-7 | Chlorobenzene | 0.50 | U | 1 | 0.12 | 0.50 | 5.00 | ug/L | 10/22/25 15:50 | VX102225 |
| **SURROGATES** | | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 51.0 | | | 81 - 118 | | 102% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 43.7 | | | 80 - 119 | | 87% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 41.4 | * | | 89 - 112 | | 83% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 46.2 | | | 85 - 114 | | 92% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 156000 | | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 307000 | | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 274000 | | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 141000 | | | | | | | | |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048300.D
Acq On : 22 Oct 2025 15:50
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Quant Time: Oct 23 14:28:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

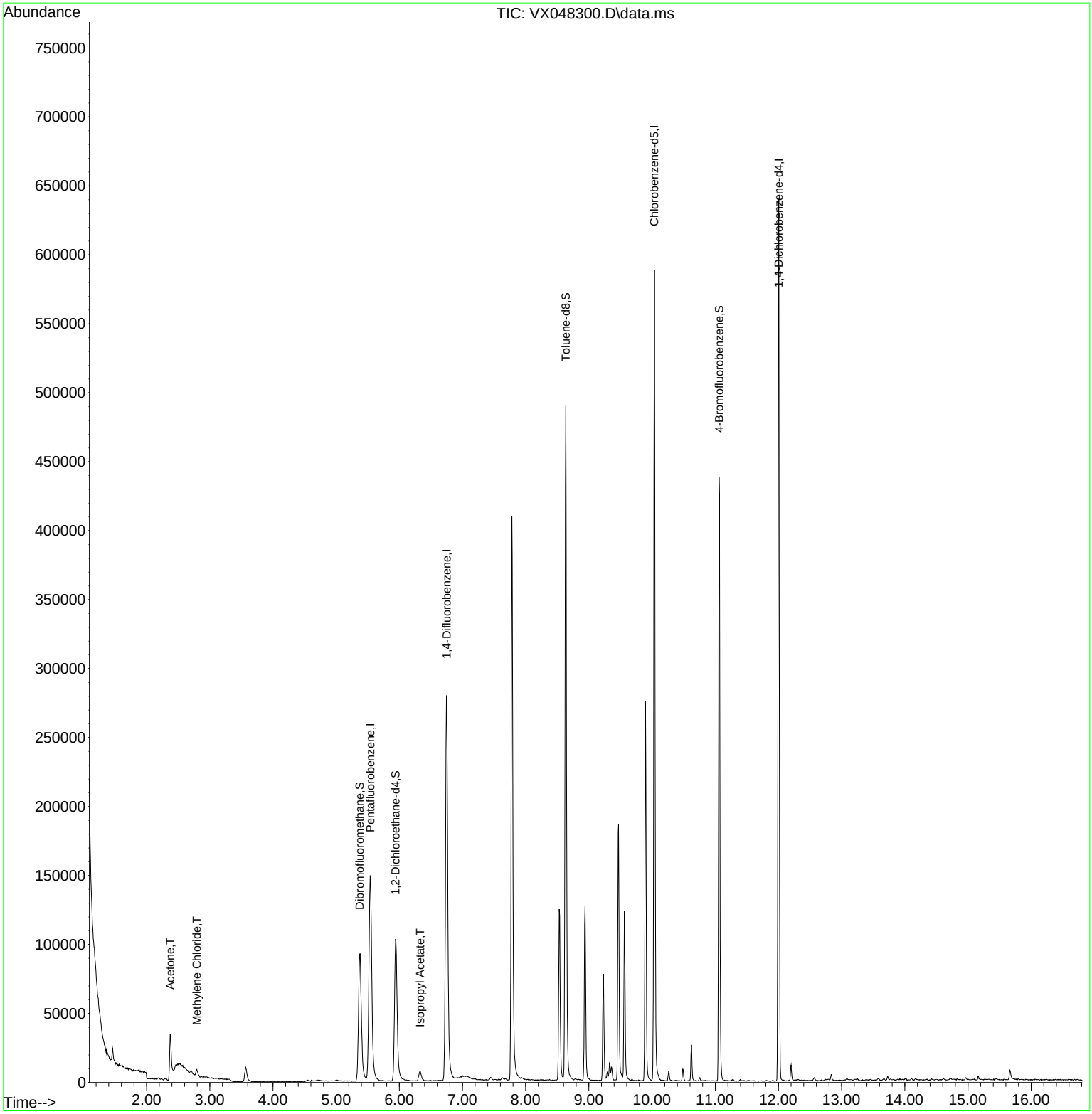
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 155579 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.751 | 114 | 306649 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 274083 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 141254 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 111265 | 51.008 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 102.020% | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 91463 | 43.690 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 87.380% | | | |
| 50) Toluene-d8 | 8.635 | 98 | 303466 | 41.356 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 82.720%# | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 128881 | 46.169 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 92.340% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.373 | 43 | 47589 | 63.594 | ug/l | 94 |
| 20) Methylene Chloride | 2.794 | 84 | 2353 | 1.290 | ug/l # | 77 |
| 43) Isopropyl Acetate | 6.330 | 43 | 11664 | 2.879 | ug/l | 97 |

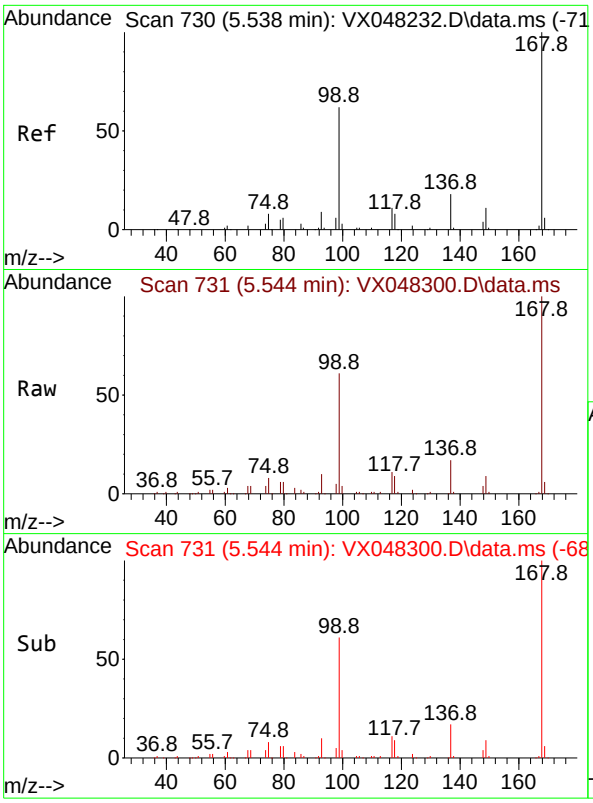
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048300.D
Acq On : 22 Oct 2025 15:50
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Quant Time: Oct 23 14:28:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



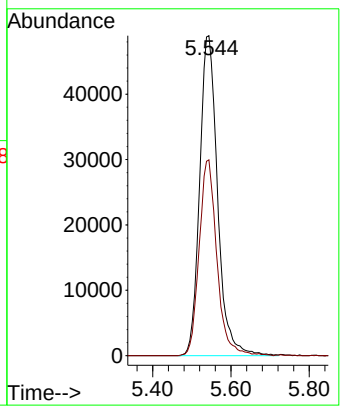


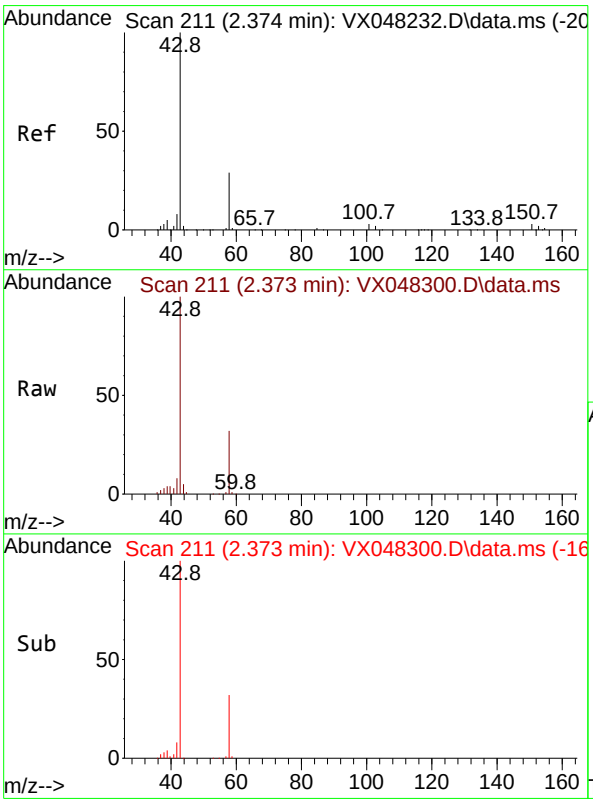

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion:168 Resp: 155579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.2 | 46.4 | 69.6 |

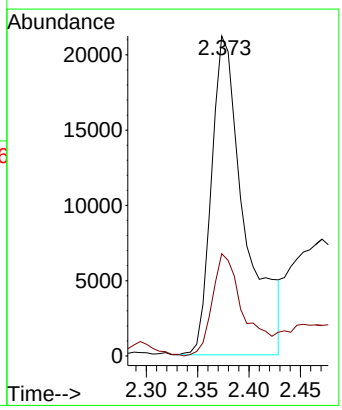


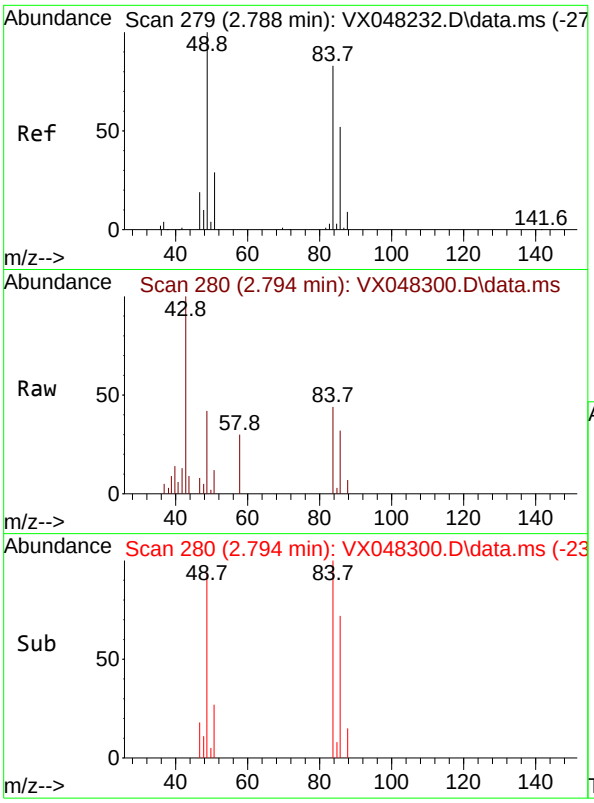




#16
Acetone
Concen: 63.594 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 43 Resp: 47589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.6 | 23.4 | 35.2 |



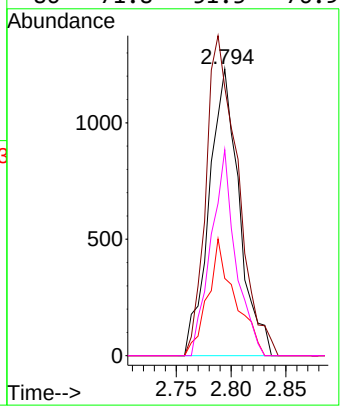


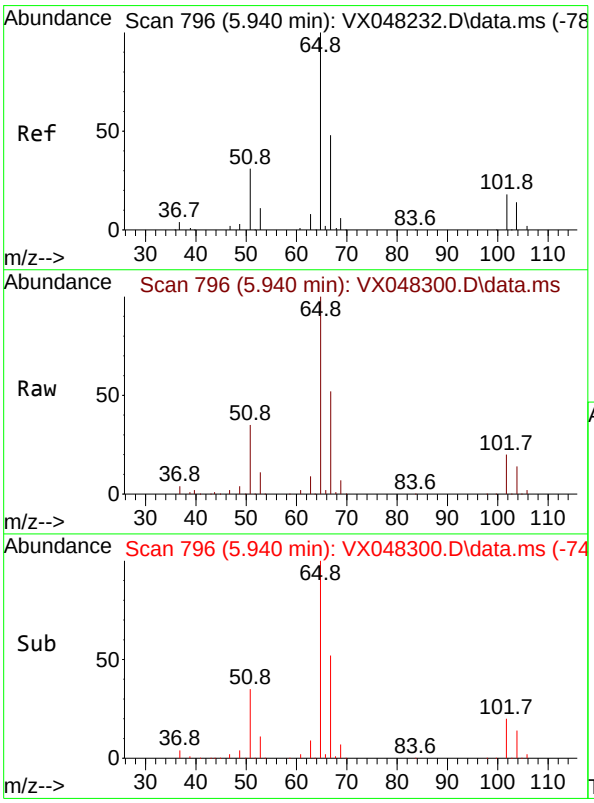

#20
Methylene Chloride
Concen: 1.290 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion: 84 Resp: 2353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 93.7 | 104.1 | 156.1# |
| 51 | 27.0 | 31.3 | 46.9# |
| 86 | 71.8 | 51.3 | 76.9 |

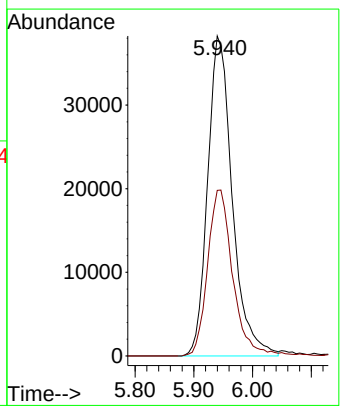


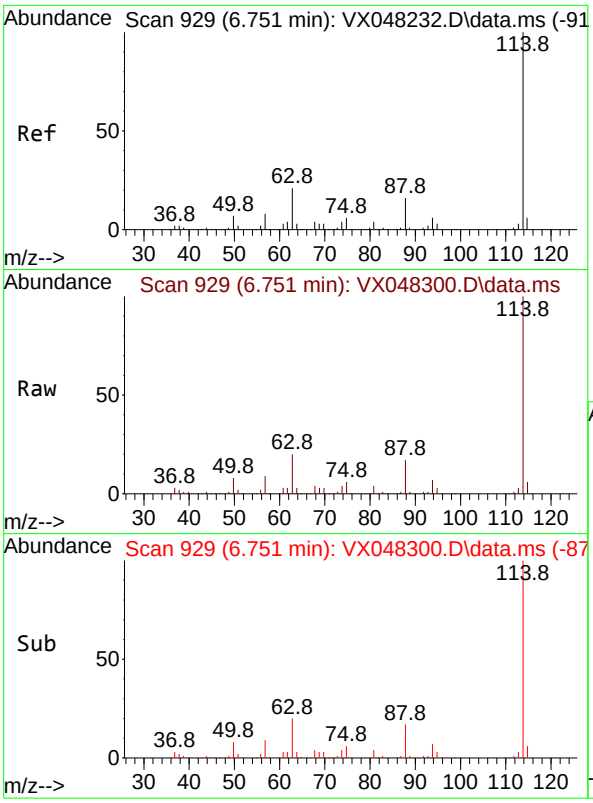




#33
1,2-Dichloroethane-d4
Concen: 51.008 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 65 Resp: 111265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.0 | 0.0 | 105.0 |



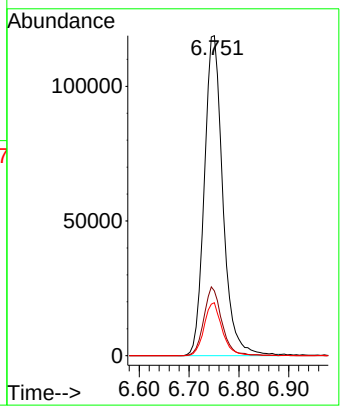


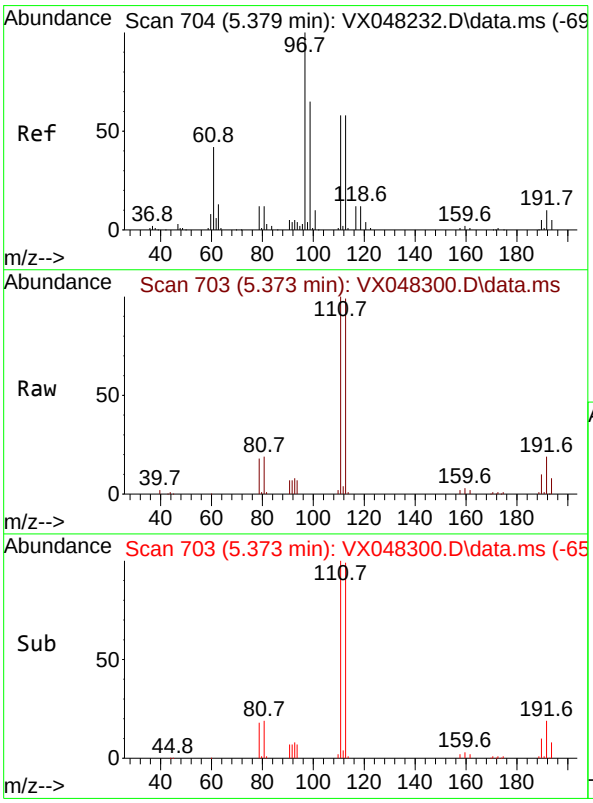

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion:114 Resp: 306649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 0.0 | 43.2 |
| 88 | 16.5 | 0.0 | 33.6 |

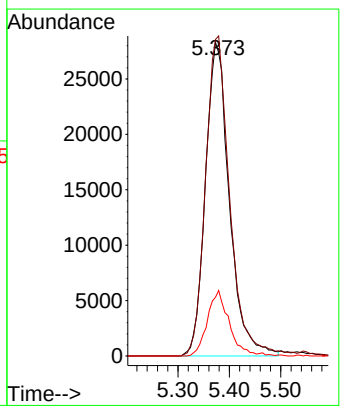


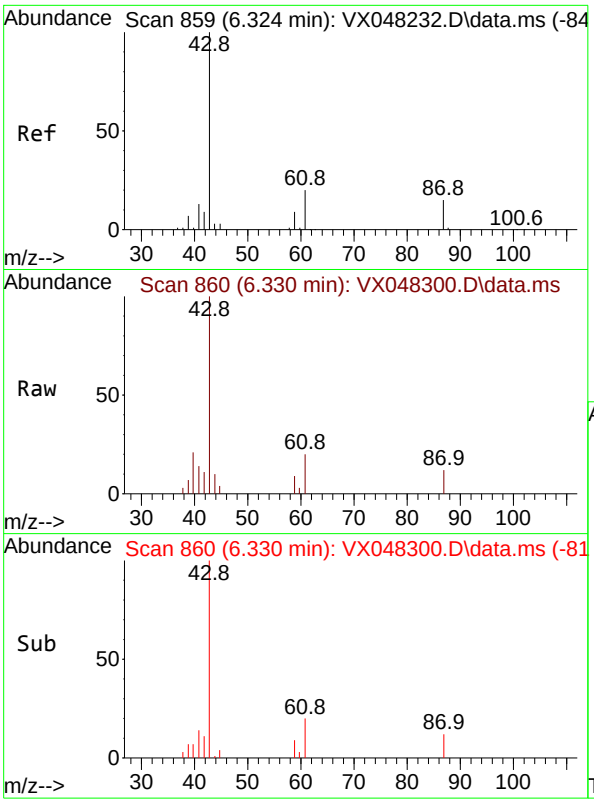




#35
Dibromofluoromethane
Concen: 43.690 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion:113 Resp: 91463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 82.2 | 123.4 |
| 192 | 19.1 | 15.1 | 22.7 |



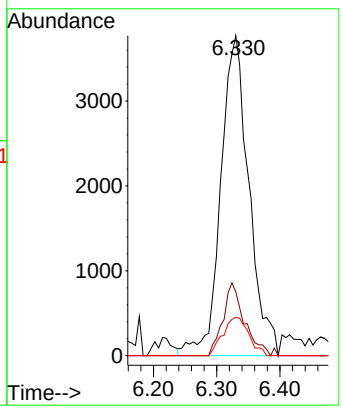


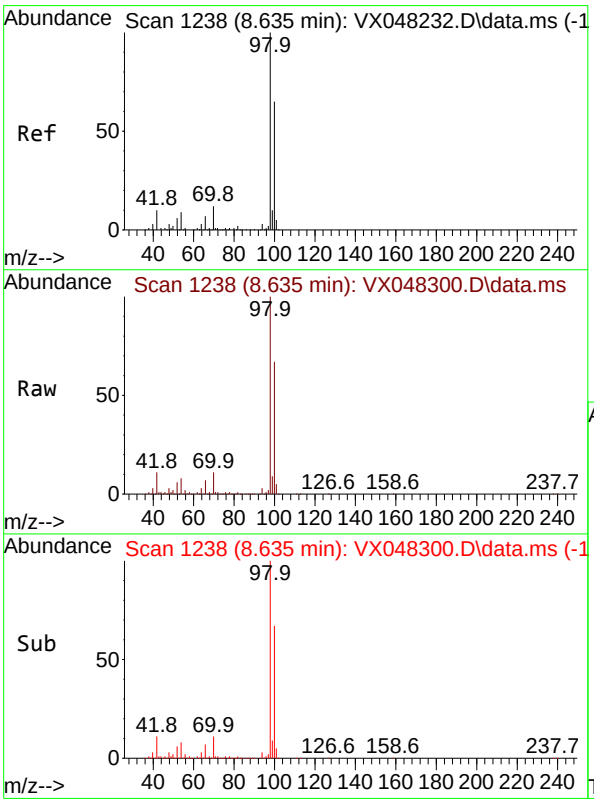

#43
Isopropyl Acetate
Concen: 2.879 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion: 43 Resp: 11664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.2 | 14.9 | 22.3 |
| 87 | 11.0 | 9.4 | 14.2 |

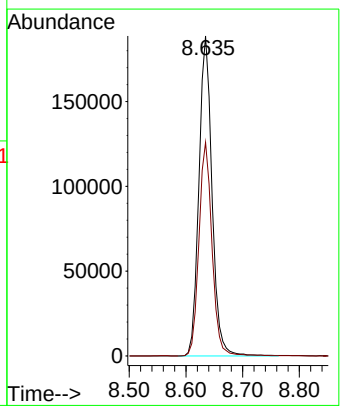


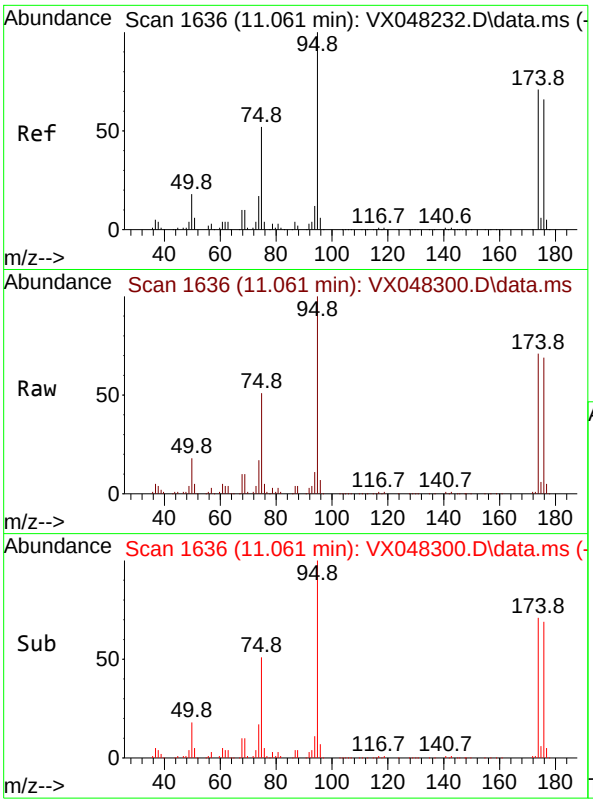




#50
Toluene-d8
Concen: 41.356 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 98 Resp: 303466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 53.0 | 79.4 |



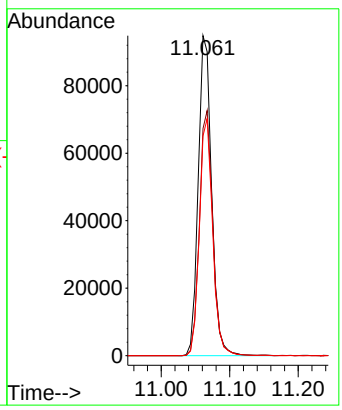


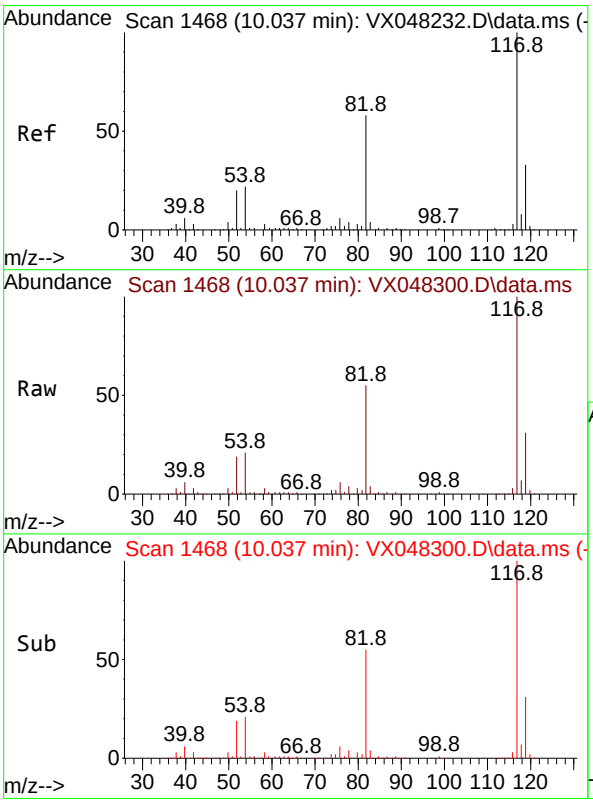

#62
4-Bromofluorobenzene
Concen: 46.169 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion: 95 Resp: 128881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.9 | 0.0 | 147.8 |
| 176 | 73.6 | 0.0 | 142.8 |

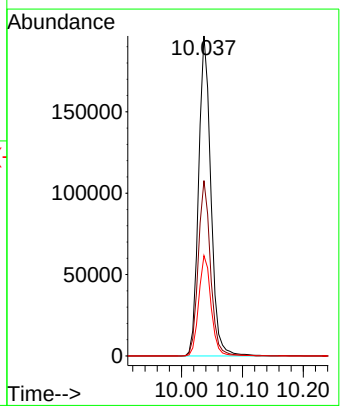


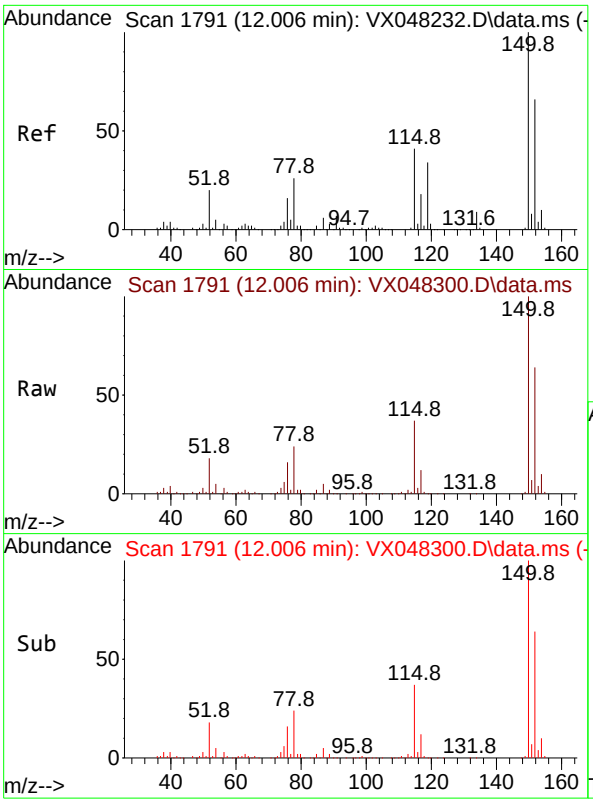




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion:117 Resp: 274083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.8 | 46.5 | 69.7 |
| 119 | 31.4 | 25.9 | 38.9 |



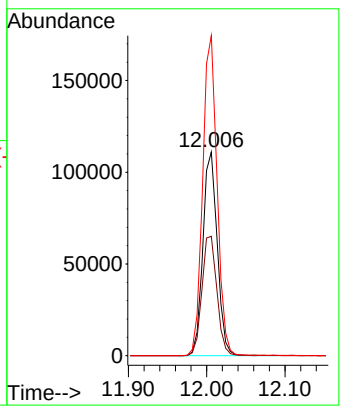



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion:152 Resp: 141254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.1 | 43.1 | 129.4 |
| 150 | 157.5 | 0.0 | 353.0 |



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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/20/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/20/25 |
| Client Sample ID: | COMP-ROLLOFFRE | SDG No.: | Q3399 |
| Lab Sample ID: | Q3399-04RE | Matrix: | TCLP |
| Analytical Method: | 8260D Level: LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL Final Vol: 5000 uL | Test: | TCLP VOA |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 75-01-4 | Vinyl Chloride | 0.75 | UQ | 1 | 0.26 | 0.75 | 5.00 | ug/L | 10/24/25 11:03 | vx102425 |
| 75-35-4 | 1,1-Dichloroethene | 0.75 | U | 1 | 0.23 | 0.75 | 5.00 | ug/L | 10/24/25 11:03 | vx102425 |
| 78-93-3 | 2-Butanone | 2.50 | U | 1 | 0.98 | 2.50 | 25.0 | ug/L | 10/24/25 11:03 | vx102425 |
| 56-23-5 | Carbon Tetrachloride | 0.50 | U | 1 | 0.25 | 0.50 | 5.00 | ug/L | 10/24/25 11:03 | vx102425 |
| 67-66-3 | Chloroform | 0.50 | U | 1 | 0.25 | 0.50 | 5.00 | ug/L | 10/24/25 11:03 | vx102425 |
| 71-43-2 | Benzene | 0.50 | U | 1 | 0.15 | 0.50 | 5.00 | ug/L | 10/24/25 11:03 | vx102425 |
| 107-06-2 | 1,2-Dichloroethane | 0.75 | U | 1 | 0.22 | 0.75 | 5.00 | ug/L | 10/24/25 11:03 | vx102425 |
| 79-01-6 | Trichloroethene | 0.75 | U | 1 | 0.090 | 0.75 | 5.00 | ug/L | 10/24/25 11:03 | vx102425 |
| 127-18-4 | Tetrachloroethene | 0.50 | U | 1 | 0.23 | 0.50 | 5.00 | ug/L | 10/24/25 11:03 | vx102425 |
| 108-90-7 | Chlorobenzene | 0.50 | U | 1 | 0.12 | 0.50 | 5.00 | ug/L | 10/24/25 11:03 | vx102425 |
| **SURROGATES** | | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 54.5 | | | 81 - 118 | | 109% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 39.9 | | | 80 - 119 | | 80% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 47.1 | | | 89 - 112 | | 94% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 50.4 | | | 85 - 114 | | 101% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 137000 | | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 271000 | | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 270000 | | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 124000 | | | | | | | | |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048343.D
Acq On : 24 Oct 2025 11:03
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Quant Time: Oct 24 23:02:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

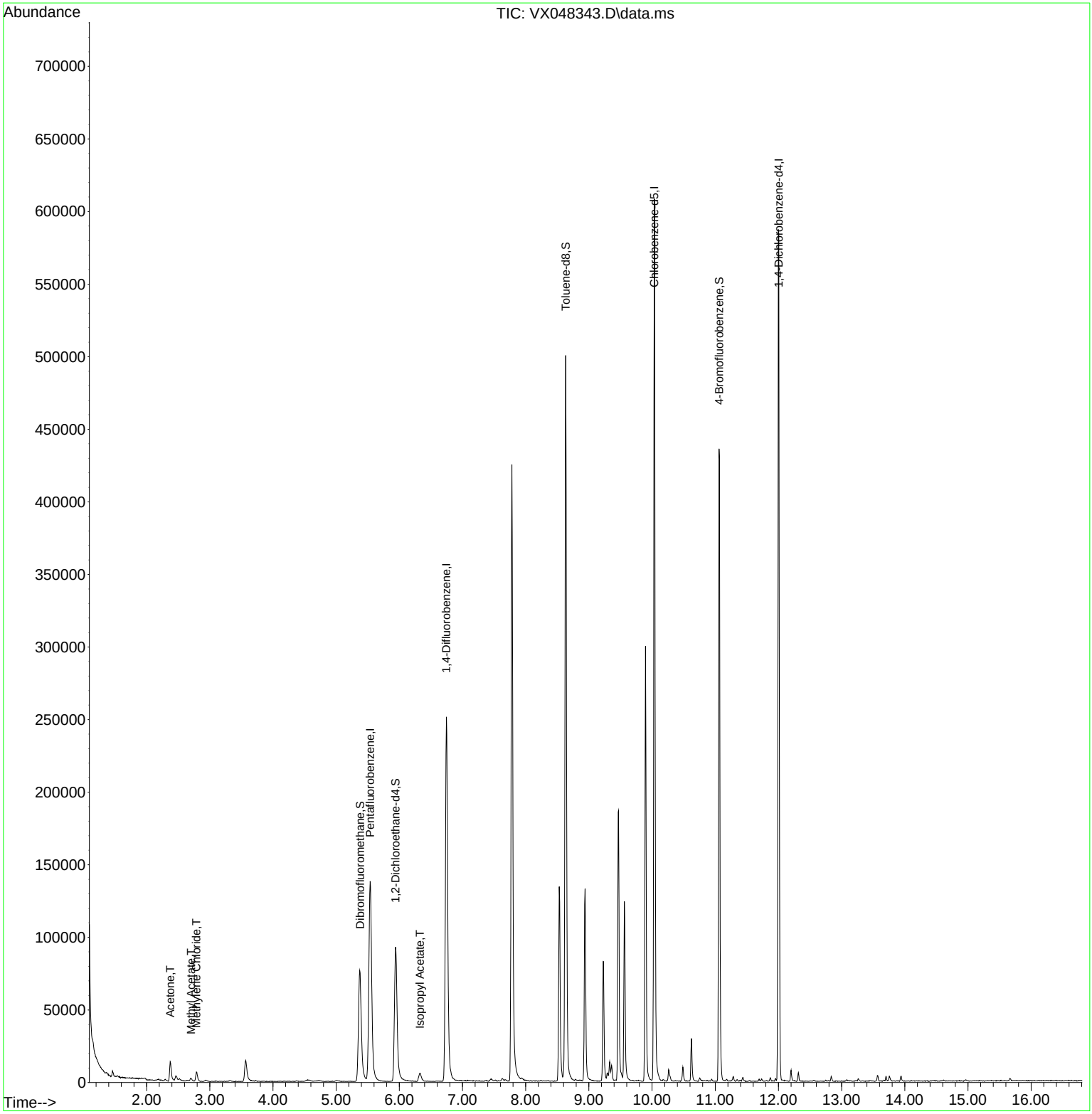
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 137283 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 270507 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 270324 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 123520 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 104937 | 54.518 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 109.040% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 73601 | 39.855 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 79.700% | | | |
| 50) Toluene-d8 | 8.635 | 98 | 305004 | 47.119 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 94.240% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 124188 | 50.431 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 100.860% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.374 | 43 | 18583 | 28.142 | ug/l | 95 |
| 18) Methyl Acetate | 2.703 | 43 | 3602 | 2.612 | ug/l # | 90 |
| 20) Methylene Chloride | 2.788 | 84 | 3286 | 2.042 | ug/l | 90 |
| 43) Isopropyl Acetate | 6.324 | 43 | 9305 | 2.604 | ug/l | 98 |

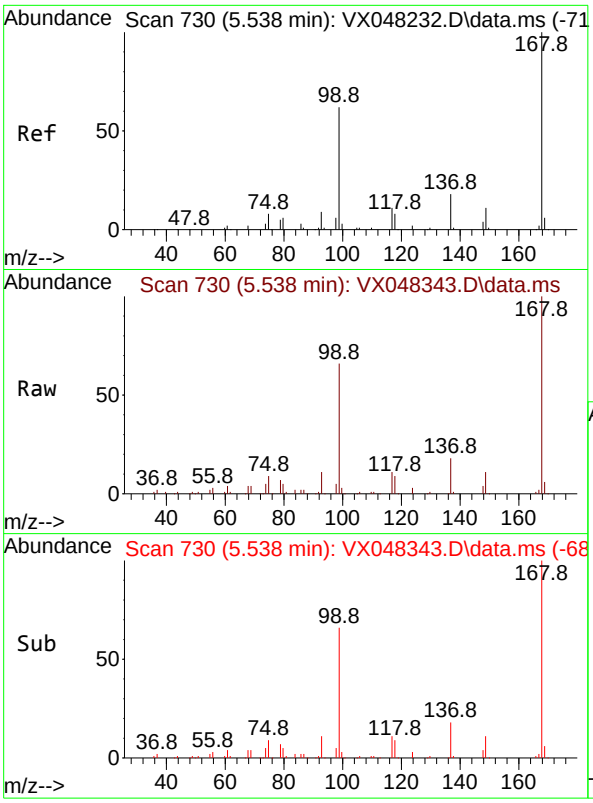
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048343.D
Acq On : 24 Oct 2025 11:03
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Quant Time: Oct 24 23:02:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



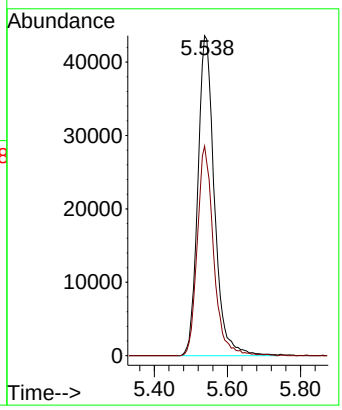


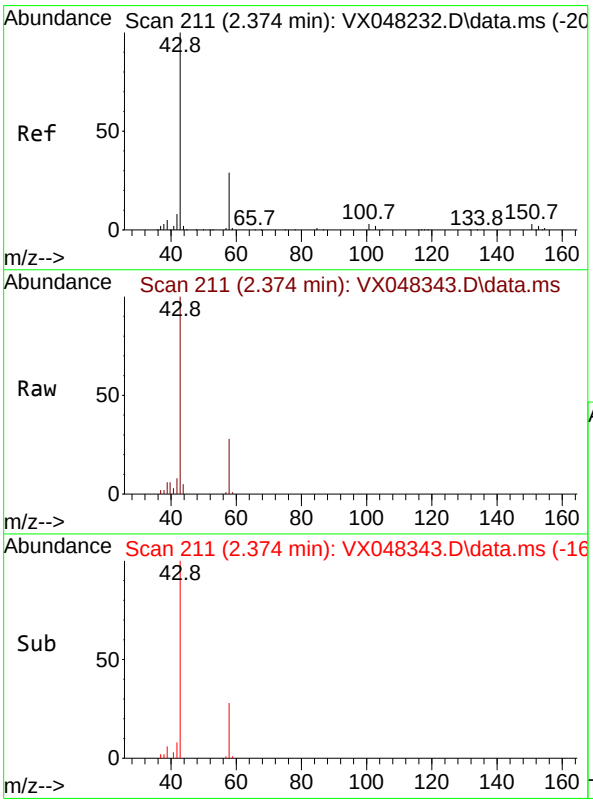

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion:168 Resp: 137283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 65.5 | 46.4 | 69.6 |

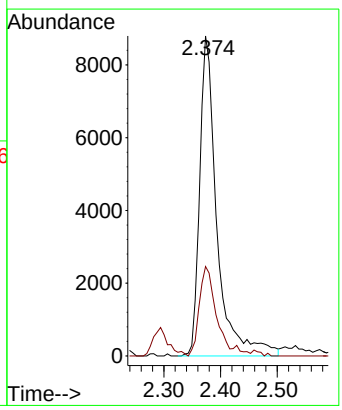


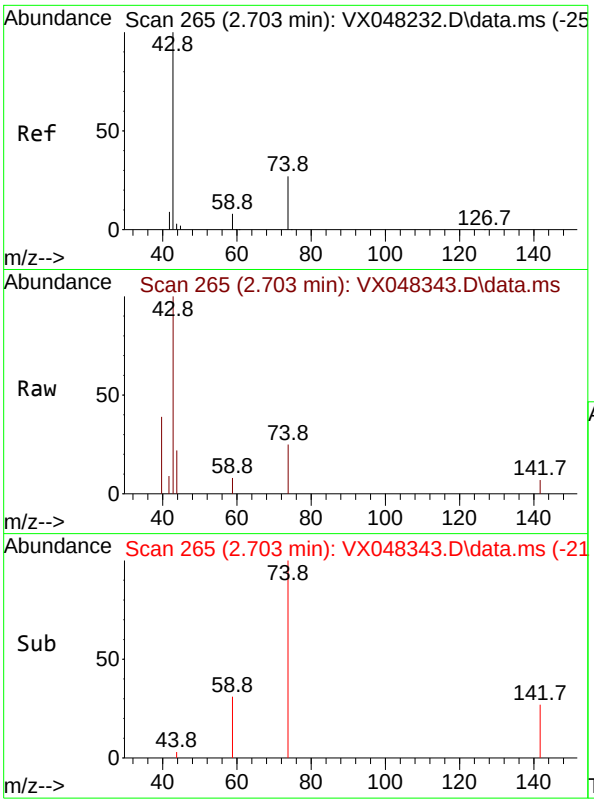




#16
Acetone
Concen: 28.142 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion: 43 Resp: 18583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.6 | 23.4 | 35.2 |



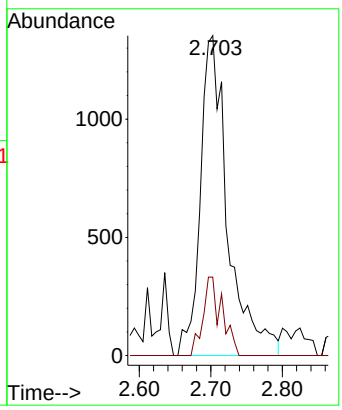


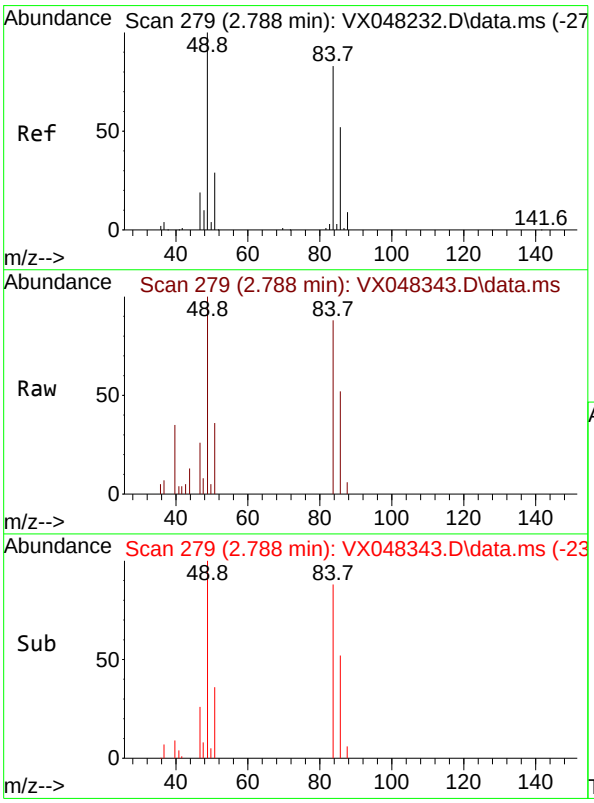

#18
Methyl Acetate
Concen: 2.612 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion: 43 Resp: 3602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 17.0 | 17.5 | 26.3# |

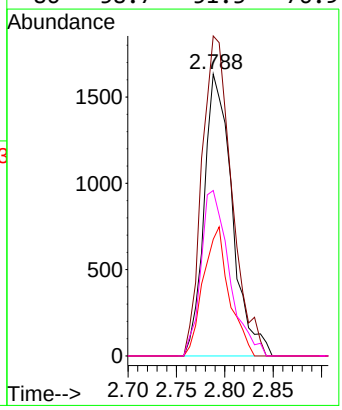


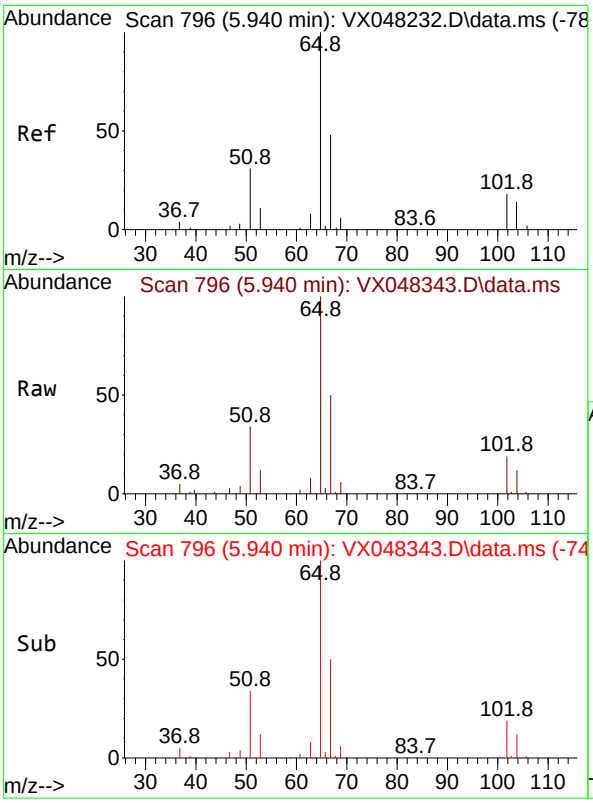




#20
Methylene Chloride
Concen: 2.042 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion: 84 Resp: 3286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.5 | 104.1 | 156.1 |
| 51 | 41.4 | 31.3 | 46.9 |
| 86 | 58.7 | 51.3 | 76.9 |



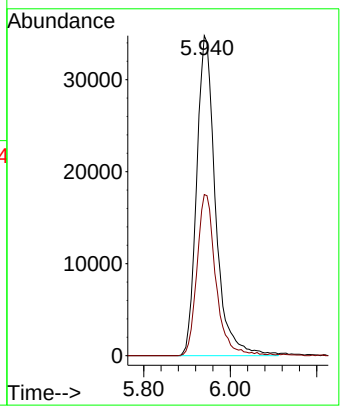


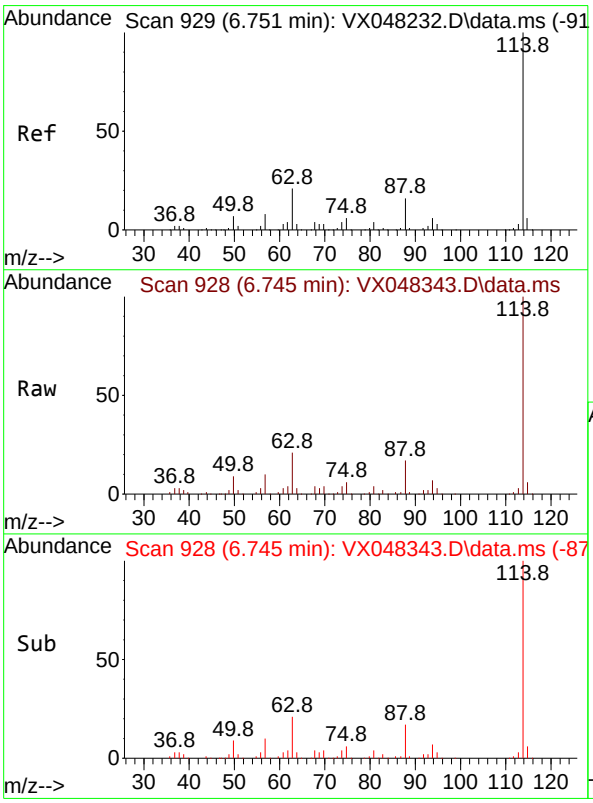

#33
1,2-Dichloroethane-d4
Concen: 54.518 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion: 65 Resp: 104937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.4 | 0.0 | 105.0 |

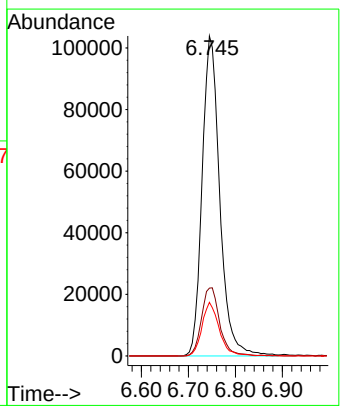


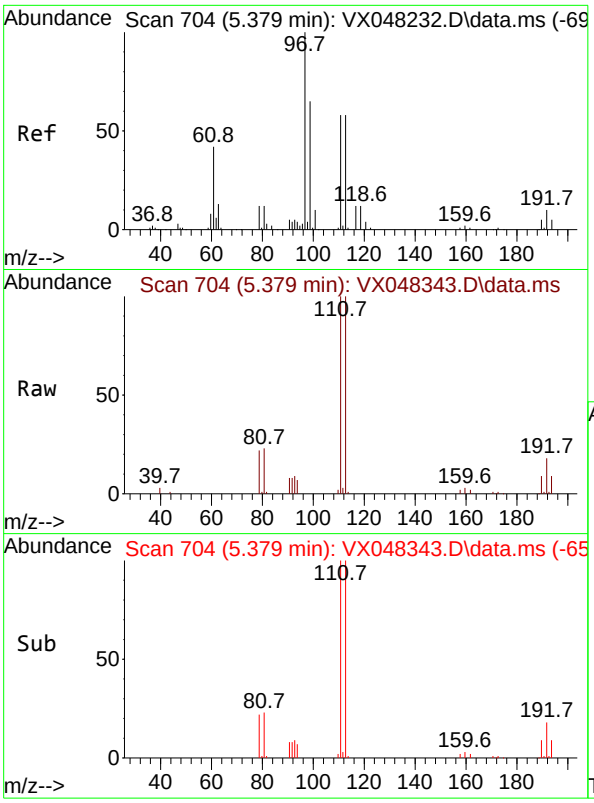




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion:114 Resp: 270507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.2 | 0.0 | 43.2 |
| 88 | 16.8 | 0.0 | 33.6 |



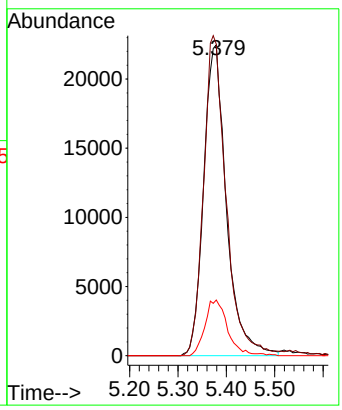


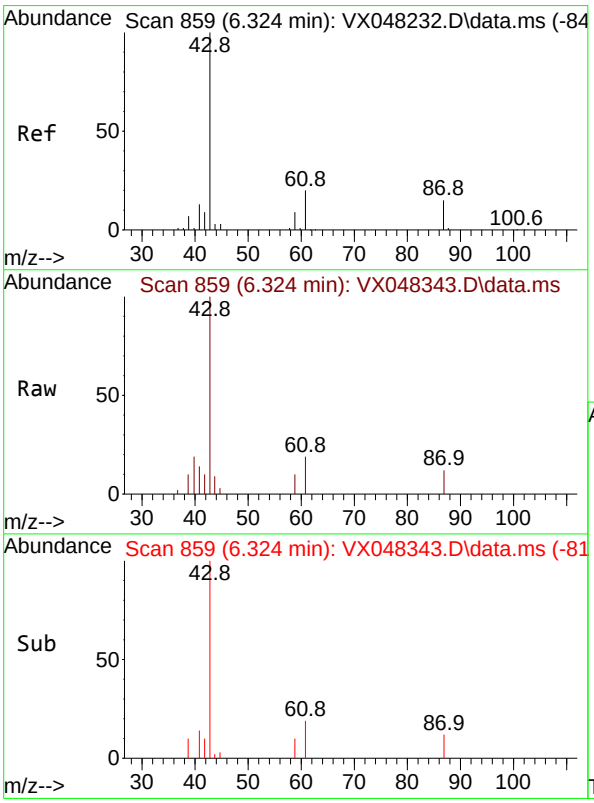

#35
Dibromofluoromethane
Concen: 39.855 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion:113 Resp: 73601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.7 | 82.2 | 123.4 |
| 192 | 17.9 | 15.1 | 22.7 |

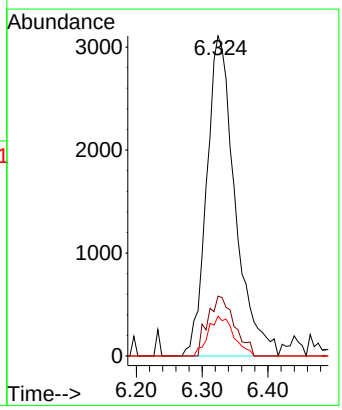


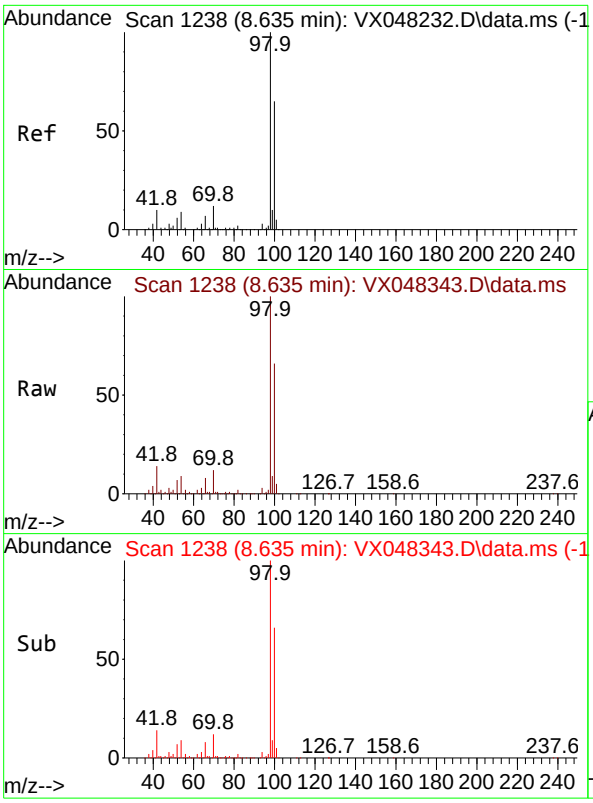




#43
Isopropyl Acetate
Concen: 2.604 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion: 43 Resp: 9305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.6 | 14.9 | 22.3 |
| 87 | 11.1 | 9.4 | 14.2 |



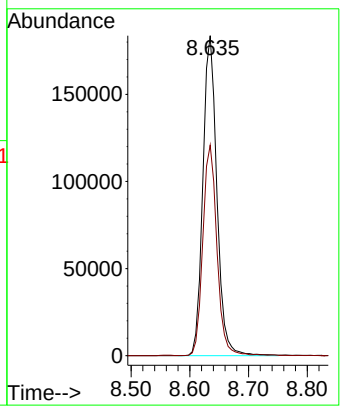


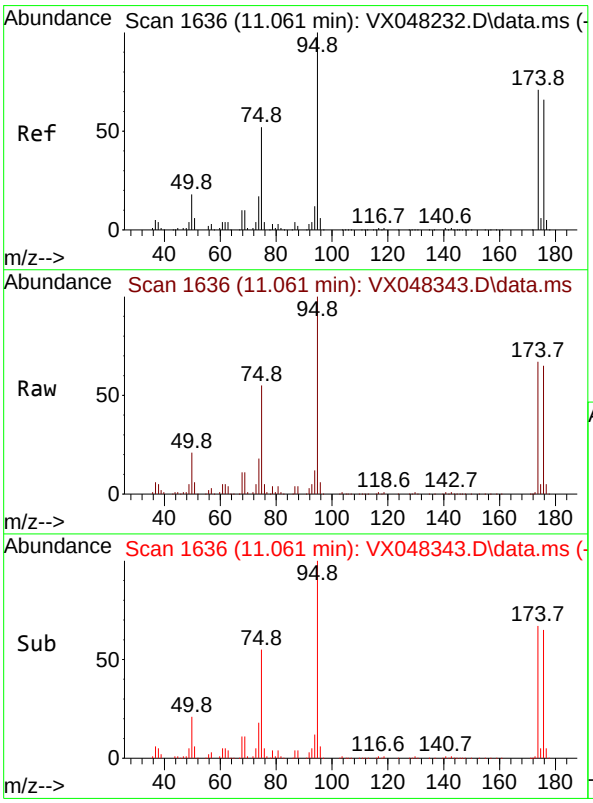

#50
Toluene-d8
Concen: 47.119 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion: 98 Resp: 305004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.1 | 53.0 | 79.4 |

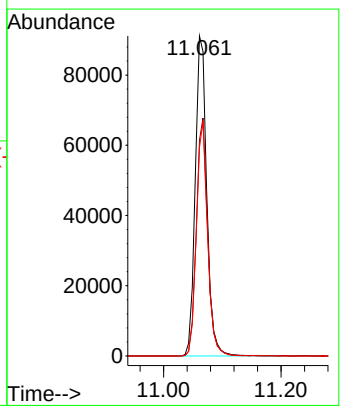


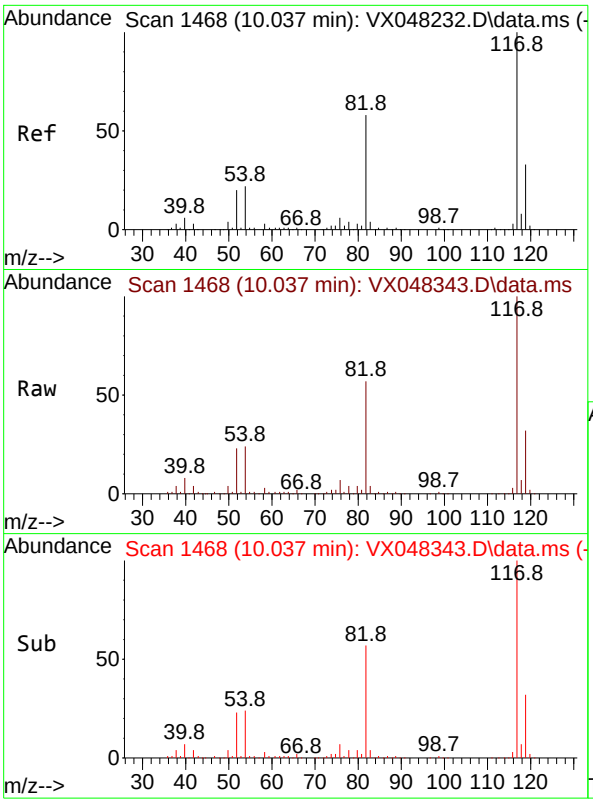




#62
4-Bromofluorobenzene
Concen: 50.431 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion: 95 Resp: 124188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.1 | 0.0 | 147.8 |
| 176 | 70.7 | 0.0 | 142.8 |



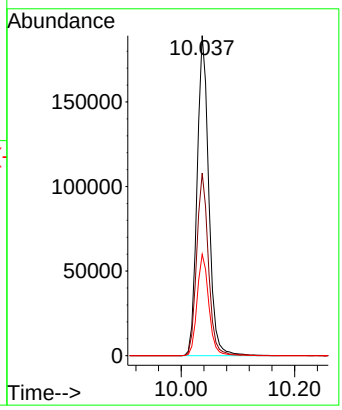


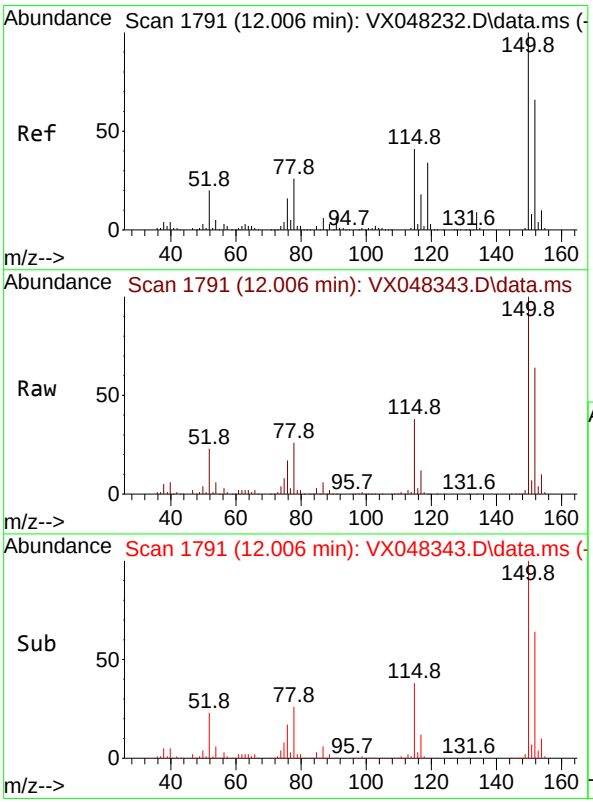

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

**Instrument :**
MSVOA_X
**ClientSampleId :**
COMP-ROLLOFF

Tgt Ion:117 Resp: 270324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.0 | 46.5 | 69.7 |
| 119 | 31.7 | 25.9 | 38.9 |

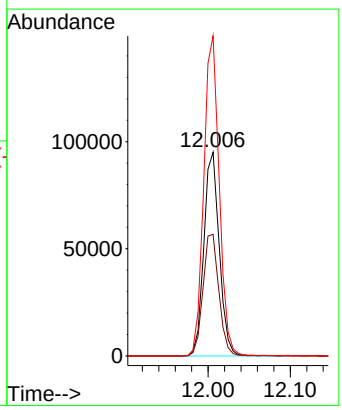



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion:152 Resp: 123520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.7 | 43.1 | 129.4 |
| 150 | 157.7 | 0.0 | 353.0 |



# CALIBRATION SUMMARY

# Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025
Response Via : Initial Calibration

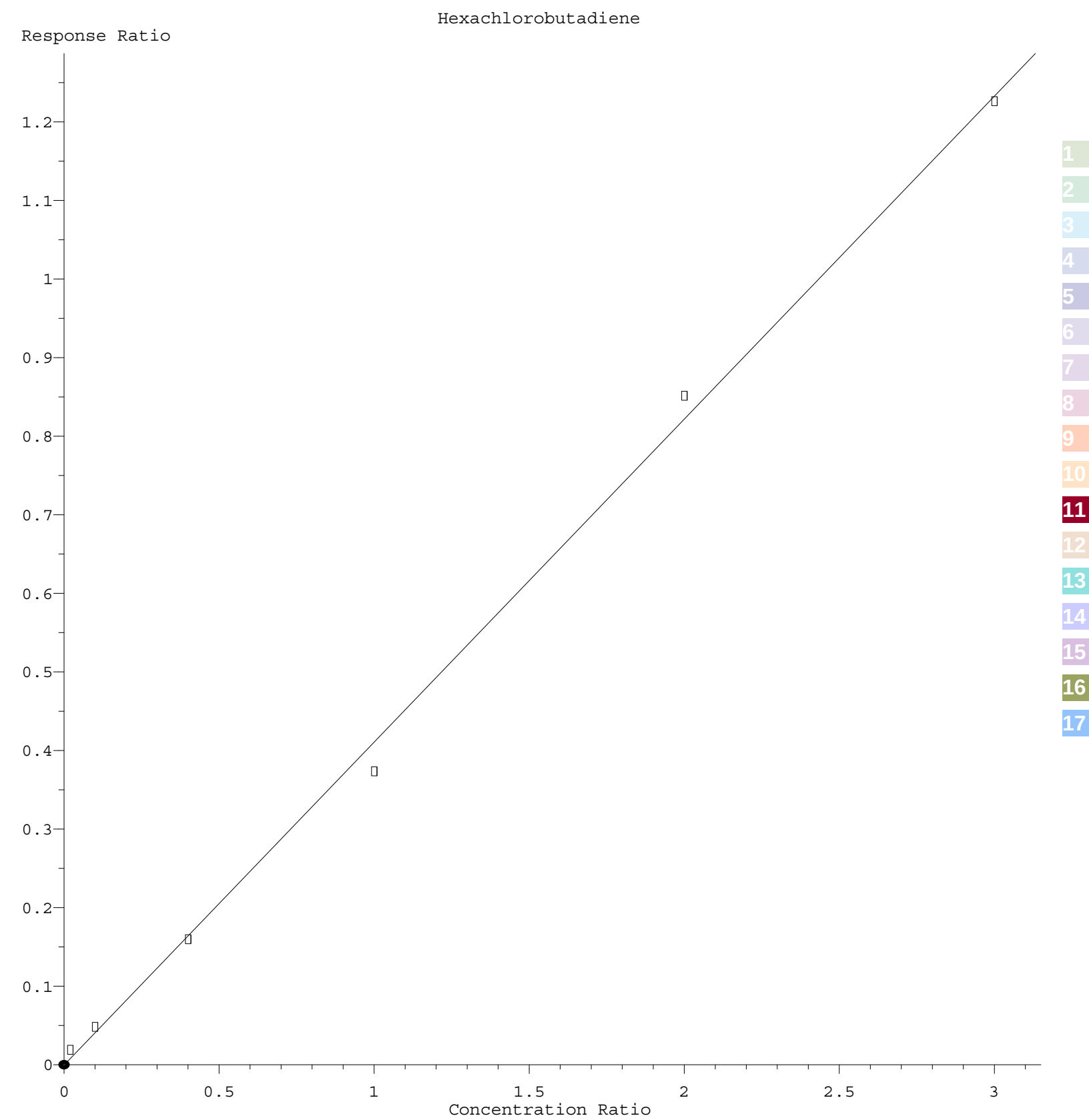
Calibration Files
1 =VX048229.D 5 =VX048236.D 20 =VX048231.D 50 =VX048232.D 100 =VX048233.D 150 =VX048234.D

| | | Compound | 1 | 5 | 20 | 50 | 100 | 150 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | Pentafluorobenzene | ----------ISTD---------- | | | | | | | |
| 2) | T | Dichlorodifluo... | 0.522 | 0.522 | 0.513 | 0.483 | 0.540 | 0.504 | 0.514 | 3.74 |
| 3) | P | Chloromethane | 0.506 | 0.508 | 0.468 | 0.449 | 0.476 | 0.471 | 0.480 | 4.81 |
| 4) | C | Vinyl Chloride | 0.447 | 0.458 | 0.437 | 0.416 | 0.462 | 0.445 | 0.444 | 3.69# |
| 5) | T | Bromomethane | | 0.346 | 0.323 | 0.282 | 0.280 | 0.276 | 0.302 | 10.42 |
| 6) | T | Chloroethane | 0.233 | 0.261 | 0.277 | 0.247 | 0.282 | 0.267 | 0.261 | 7.16 |
| 7) | T | Trichlorofluor... | 0.776 | 0.880 | 0.874 | 0.807 | 0.907 | 0.869 | 0.852 | 5.83 |
| 8) | T | Diethyl Ether | 0.231 | 0.237 | 0.257 | 0.223 | 0.248 | 0.242 | 0.240 | 5.06 |
| 9) | T | 1,1,2-Trichlor... | 0.512 | 0.553 | 0.540 | 0.501 | 0.583 | 0.549 | 0.540 | 5.48 |
| 10) | T | Methyl Iodide | | 0.569 | 0.636 | 0.663 | 0.781 | 0.742 | 0.678 | 12.47 |
| 11) | T | Tert butyl alc... | | 0.087 | 0.069 | 0.062 | 0.067 | 0.064 | 0.070 | 14.22 |
| 12) | CM | 1,1-Dichloroet... | 0.515 | 0.514 | 0.548 | 0.485 | 0.558 | 0.531 | 0.525 | 5.03# |
| 13) | T | Acrolein | | 0.079 | 0.063 | 0.065 | 0.074 | 0.073 | 0.071 | 9.21 |
| 14) | T | Allyl chloride | 0.897 | 0.833 | 0.909 | 0.805 | 0.911 | 0.874 | 0.872 | 5.00 |
| 15) | T | Acrylonitrile | 0.255 | 0.245 | 0.267 | 0.239 | 0.254 | 0.246 | 0.251 | 3.89 |
| 16) | T | Acetone | 0.300 | 0.262 | 0.250 | 0.202 | 0.221 | 0.206 | 0.240 | 15.70 |
| 17) | T | Carbon Disulfide | 2.034 | 1.689 | 1.612 | 1.442 | 1.617 | 1.532 | 1.654 | 12.36 |
| 18) | T | Methyl Acetate | 0.514 | 0.464 | 0.551 | 0.466 | 0.514 | 0.504 | 0.502 | 6.56 |
| 19) | T | Methyl tert-bu... | 1.894 | 1.657 | 1.909 | 1.704 | 1.817 | 1.764 | 1.791 | 5.66 |
| 20) | T | Methylene Chlo... | 0.555 | 0.595 | 0.651 | 0.552 | 0.597 | 0.567 | 0.586 | 6.36 |
| 21) | T | trans-1,2-Dich... | 0.587 | 0.603 | 0.585 | 0.535 | 0.592 | 0.558 | 0.577 | 4.38 |
| 22) | T | Diisopropyl ether | 1.697 | 1.701 | 1.881 | 1.662 | 1.787 | 1.701 | 1.738 | 4.69 |
| 23) | T | Vinyl Acetate | 1.261 | 1.326 | 1.521 | 1.348 | 1.466 | 1.408 | 1.389 | 6.90 |
| 24) | P | 1,1-Dichloroet... | 1.116 | 1.054 | 1.085 | 0.977 | 1.055 | 1.019 | 1.051 | 4.64 |
| 25) | T | 2-Butanone | 0.311 | 0.315 | 0.329 | 0.281 | 0.301 | 0.290 | 0.304 | 5.70 |
| 26) | T | 2,2-Dichloropr... | 1.002 | 0.945 | 0.973 | 0.876 | 0.973 | 0.924 | 0.949 | 4.69 |
| 27) | T | cis-1,2-Dichlo... | 0.682 | 0.673 | 0.700 | 0.626 | 0.695 | 0.661 | 0.673 | 4.03 |
| 28) | T | Bromochloromet... | 0.388 | 0.469 | 0.404 | 0.441 | 0.462 | 0.452 | 0.436 | 7.52 |
| 29) | T | Tetrahydrofuran | 0.178 | 0.183 | 0.198 | 0.171 | 0.184 | 0.180 | 0.182 | 5.00 |
| 30) | C | Chloroform | 1.147 | 1.143 | 1.208 | 1.046 | 1.127 | 1.067 | 1.123 | 5.22# |
| 31) | T | Cyclohexane | | 0.843 | 0.894 | 0.821 | 0.926 | 0.866 | 0.870 | 4.76 |
| 32) | T | 1,1,1-Trichlor... | 1.049 | 1.041 | 1.085 | 0.973 | 1.055 | 1.007 | 1.035 | 3.83 |
| 33) | S | 1,2-Dichloroet... | | 0.725 | 0.709 | 0.682 | 0.690 | 0.698 | 0.701 | 2.40 |
| 34) | I | 1,4-Difluorobenzene | ----------ISTD---------- | | | | | | | |
| 35) | S | Dibromofluorom... | | 0.338 | 0.345 | 0.330 | 0.346 | 0.348 | 0.341 | 2.17 |
| 36) | T | 1,1-Dichloropr... | 0.562 | 0.475 | 0.491 | 0.433 | 0.490 | 0.460 | 0.485 | 8.96 |
| 37) | T | Ethyl Acetate | 0.459 | 0.396 | 0.396 | 0.368 | 0.410 | 0.384 | 0.402 | 7.71 |
| 38) | T | Carbon Tetrach... | 0.650 | 0.622 | 0.594 | 0.553 | 0.604 | 0.567 | 0.599 | 5.95 |
| 39) | T | Methylcyclohexane | 0.551 | 0.590 | 0.548 | 0.540 | 0.626 | 0.582 | 0.573 | 5.73 |
| 40) | TM | Benzene | 1.493 | 1.405 | 1.480 | 1.301 | 1.426 | 1.347 | 1.409 | 5.30 |
| 41) | T | Methacrylonitrile | 0.192 | 0.198 | 0.237 | 0.205 | 0.223 | 0.213 | 0.211 | 7.85 |
| 42) | TM | 1,2-Dichloroet... | 0.529 | 0.499 | 0.566 | 0.500 | 0.528 | 0.496 | 0.520 | 5.23 |
| 43) | T | Isopropyl Acetate | 0.659 | 0.612 | 0.709 | 0.635 | 0.682 | 0.665 | 0.661 | 5.16 |
| 44) | TM | Trichloroethene | 0.400 | 0.366 | 0.373 | 0.348 | 0.380 | 0.363 | 0.372 | 4.73 |
| 45) | C | 1,2-Dichloropr... | 0.309 | 0.337 | 0.362 | 0.321 | 0.347 | 0.333 | 0.335 | 5.54# |
| 46) | T | Dibromomethane | 0.267 | 0.264 | 0.277 | 0.247 | 0.261 | 0.249 | 0.261 | 4.35 |
| 47) | T | Bromodichlorom... | 0.570 | 0.567 | 0.592 | 0.538 | 0.573 | 0.538 | 0.563 | 3.79 |
| 48) | T | Methyl methacr... | 0.332 | 0.300 | 0.356 | 0.322 | 0.350 | 0.340 | 0.333 | 6.07 |
| 49) | T | 1,4-Dioxane | 0.003 | 0.004 | 0.005 | 0.004 | 0.005 | 0.005 | 0.004 | 12.99 |
| 50) | S | Toluene-d8 | | 1.221 | 1.185 | 1.185 | 1.195 | 1.195 | 1.196 | 1.22 |
| 51) | T | 4-Methyl-2-Pen... | 0.366 | 0.374 | 0.422 | 0.377 | 0.384 | 0.362 | 0.381 | 5.71 |
| 52) | CM | Toluene | 0.881 | 0.925 | 0.944 | 0.861 | 0.910 | 0.849 | 0.895 | 4.15# |
| 53) | T | t-1,3-Dichloro... | 0.477 | 0.526 | 0.582 | 0.545 | 0.574 | 0.553 | 0.543 | 7.02 |
| 54) | T | cis-1,3-Dichlo... | 0.582 | 0.556 | 0.604 | 0.572 | 0.615 | 0.585 | 0.586 | 3.67 |
| 55) | T | 1,1,2-Trichlor... | 0.318 | 0.355 | 0.357 | 0.321 | 0.333 | 0.313 | 0.333 | 5.78 |
| 56) | T | Ethyl methacry... | 0.418 | 0.451 | 0.536 | 0.490 | 0.524 | 0.502 | 0.487 | 9.17 |

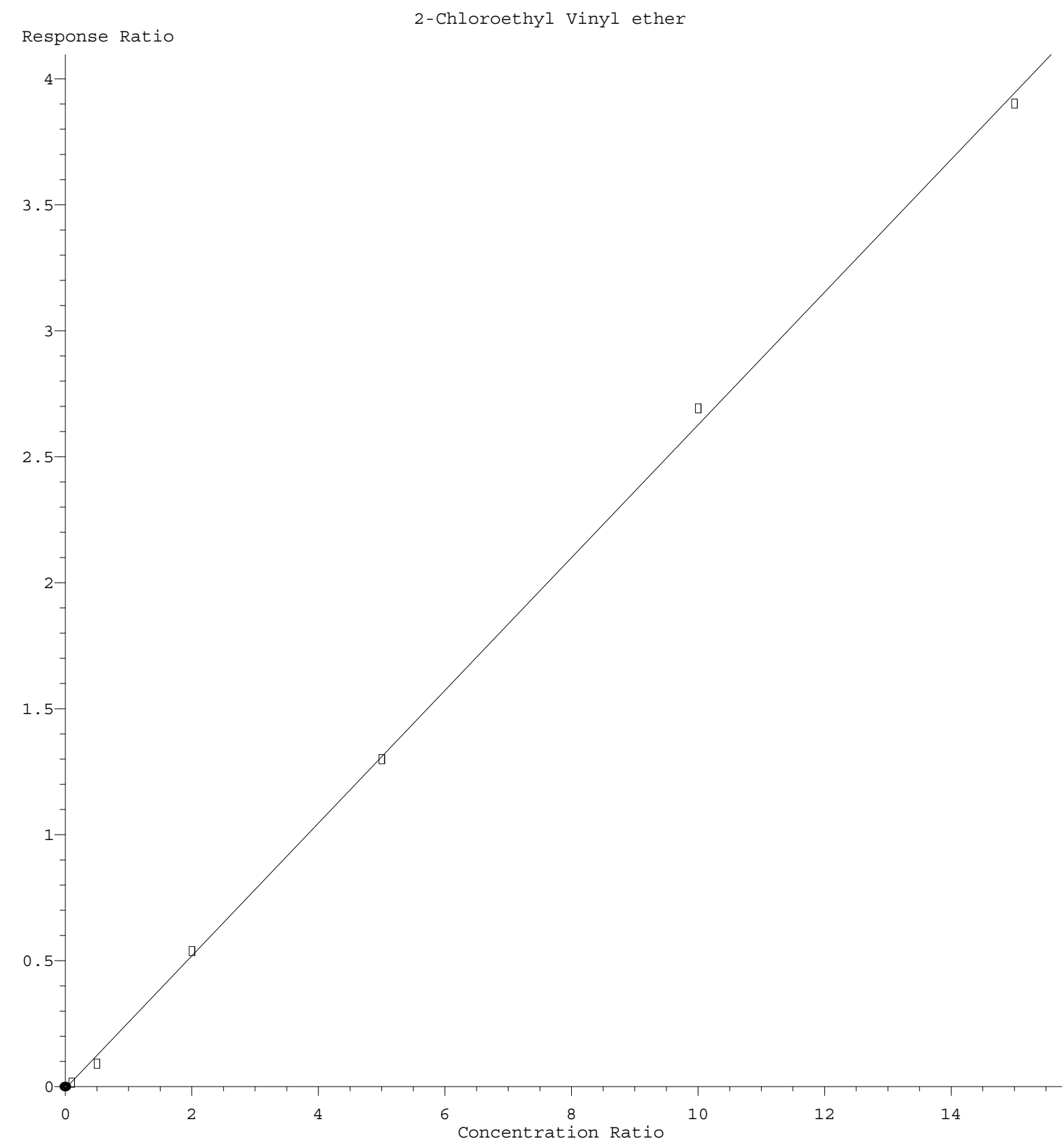
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X102025W.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 57) | T | 1,3-Dichloropr... | 0.563 | 0.572 | 0.614 | 0.548 | 0.572 | 0.541 | 0.568 | 4.51 |
| 58) | T | 2-Chloroethyl ... | 0.154 | 0.182 | 0.269 | 0.260 | 0.269 | 0.260 | 0.232 | 21.93 |
| 59) | T | 2-Hexanone | 0.231 | 0.271 | 0.298 | 0.267 | 0.271 | 0.256 | 0.266 | 8.30 |
| 60) | T | Dibromochlorom... | 0.482 | 0.441 | 0.476 | 0.425 | 0.442 | 0.418 | 0.447 | 5.89 |
| 61) | T | 1,2-Dibromoethane | 0.346 | 0.353 | 0.393 | 0.342 | 0.359 | 0.336 | 0.355 | 5.72 |
| 62) | S | 4-Bromofluorob... | | 0.500 | 0.445 | 0.444 | 0.446 | 0.441 | 0.455 | 5.51 |
| 63) | I | Chlorobenzene-d5 | ----------ISTD---------- | | | | | | | |
| 64) | T | Tetrachloroethene | 0.418 | 0.385 | 0.378 | 0.328 | 0.370 | 0.361 | 0.373 | 7.92 |
| 65) | PM | Chlorobenzene | 1.149 | 1.145 | 1.159 | 1.045 | 1.148 | 1.102 | 1.125 | 3.89 |
| 66) | T | 1,1,1,2-Tetrac... | 0.422 | 0.405 | 0.423 | 0.390 | 0.430 | 0.409 | 0.413 | 3.53 |
| 67) | C | Ethyl Benzene | 1.905 | 1.876 | 1.954 | 1.825 | 2.008 | 1.922 | 1.915 | 3.30# |
| 68) | T | m/p-Xylenes | 0.647 | 0.727 | 0.750 | 0.687 | 0.750 | 0.707 | 0.712 | 5.60 |
| 69) | T | o-Xylene | 0.652 | 0.684 | 0.712 | 0.664 | 0.723 | 0.686 | 0.687 | 3.93 |
| 70) | T | Styrene | 1.054 | 1.165 | 1.236 | 1.143 | 1.247 | 1.173 | 1.170 | 5.98 |
| 71) | P | Bromoform | 0.338 | 0.325 | 0.350 | 0.308 | 0.335 | 0.326 | 0.330 | 4.27 |
| 72) | I | 1,4-Dichlorobenzen... | ----------ISTD---------- | | | | | | | |
| 73) | T | Isopropylbenzene | 3.618 | 3.579 | 3.656 | 3.430 | 3.875 | 3.754 | 3.652 | 4.17 |
| 74) | T | N-amyl acetate | 1.229 | 1.150 | 1.339 | 1.248 | 1.415 | 1.392 | 1.295 | 7.97 |
| 75) | P | 1,1,2,2-Tetrac... | 0.988 | 0.974 | 1.065 | 0.946 | 1.018 | 0.992 | 0.997 | 4.08 |
| 76) | T | 1,2,3-Trichlor... | 0.929 | 0.767 | 0.822 | 0.735 | 0.810 | 0.802 | 0.811 | 8.14 |
| 77) | T | Bromobenzene | 0.940 | 0.897 | 0.930 | 0.858 | 0.953 | 0.916 | 0.916 | 3.73 |
| 78) | T | n-propylbenzene | 4.000 | 4.169 | 4.255 | 4.017 | 4.544 | 4.385 | 4.228 | 5.02 |
| 79) | T | 2-Chlorotoluene | 2.575 | 2.512 | 2.615 | 2.397 | 2.693 | 2.590 | 2.564 | 3.92 |
| 80) | T | 1,3,5-Trimethy... | 2.988 | 2.889 | 3.079 | 2.861 | 3.222 | 3.094 | 3.022 | 4.53 |
| 81) | T | trans-1,4-Dich... | | 0.287 | 0.330 | 0.316 | 0.366 | 0.368 | 0.333 | 10.35 |
| 82) | T | 4-Chlorotoluene | 3.097 | 2.958 | 3.119 | 2.883 | 3.143 | 3.059 | 3.043 | 3.34 |
| 83) | T | tert-Butylbenzene | 3.128 | 3.047 | 3.086 | 2.915 | 3.282 | 3.173 | 3.105 | 3.98 |
| 84) | T | 1,2,4-Trimethy... | 2.791 | 2.991 | 3.077 | 2.864 | 3.247 | 3.126 | 3.016 | 5.61 |
| 85) | T | sec-Butylbenzene | 3.789 | 3.690 | 3.683 | 3.476 | 3.969 | 3.809 | 3.736 | 4.39 |
| 86) | T | p-Isopropyltol... | 3.342 | 3.222 | 3.159 | 2.986 | 3.399 | 3.265 | 3.229 | 4.53 |
| 87) | T | 1,3-Dichlorobe... | 1.863 | 1.750 | 1.742 | 1.550 | 1.747 | 1.707 | 1.726 | 5.86 |
| 88) | T | 1,4-Dichlorobe... | 2.143 | 1.772 | 1.803 | 1.577 | 1.724 | 1.710 | 1.788 | 10.65 |
| 89) | T | n-Butylbenzene | 3.328 | 2.869 | 2.807 | 2.622 | 3.073 | 2.936 | 2.939 | 8.22 |
| 90) | T | Hexachloroethane | 0.680 | 0.647 | 0.621 | 0.569 | 0.664 | 0.645 | 0.638 | 6.11 |
| 91) | T | 1,2-Dichlorobe... | 1.803 | 1.590 | 1.631 | 1.494 | 1.619 | 1.588 | 1.621 | 6.25 |
| 92) | T | 1,2-Dibromo-3-... | 0.167 | 0.187 | 0.219 | 0.195 | 0.224 | 0.223 | 0.202 | 11.51 |
| 93) | T | 1,2,4-Trichlor... | 1.441 | 0.994 | 0.975 | 0.959 | 1.114 | 1.094 | 1.096 | 16.47 |
| 94) | T | Hexachlorobuta... | 0.953 | 0.482 | 0.399 | 0.373 | 0.426 | 0.409 | 0.507 | 43.70 |
| 95) | T | Naphthalene | 2.942 | 2.473 | 2.880 | 2.776 | 3.171 | 3.181 | 2.904 | 9.14 |
| 96) | T | 1,2,3-Trichlor... | 1.154 | 0.947 | 0.942 | 0.909 | 1.050 | 1.033 | 1.006 | 9.04 |

(#) = Out of Range




Response = 4.113e-001 * Amt - 5.482e-004
Coef of Det (r^2) = 0.997907  Curve Fit: Linear
Method: Q:\8260NTCLP VOA\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Calibration Table Last Updated: Mon Oct 20 14:13:59 2025




Response = 2.635e-001 * Amt - 8.946e-003
Coef of Det (r^2) = 0.999382  Curve Fit: Linear
Method: T:\CLP VOA\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Calibration Table Last Updated: Mon Oct 20 14:13:59 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 117157 | 50.000 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 193186 | 50.000 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 177252 | 50.000 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 86943 | 50.000 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 0.000 | 65 | 0d | 0.000 | ug/l | | |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 0.000%# | | | |
| 35) Dibromofluoromethane | 0.000 | 113 | 0d | 0.000 | ug/l | | |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 0.000%# | | | |
| 50) Toluene-d8 | 0.000 | 98 | 0d | 0.000 | ug/l | | |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 0.000%# | | | |
| 62) 4-Bromofluorobenzene | 0.000 | 95 | 0d | 0.000 | ug/l | | |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 0.000%# | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 1223 | 0.995 | ug/l | | 82 |
| 3) Chloromethane | 1.301 | 50 | 1186 | 0.796 | ug/l | # | 62 |
| 4) Vinyl Chloride | 1.380 | 62 | 1048 | 0.668 | ug/l | | 92 |
| 6) Chloroethane | 1.697 | 64 | 545 | 0.546 | ug/l | | 91 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 1819 | 0.738 | ug/l | | 98 |
| 8) Diethyl Ether | 2.142 | 74 | 542 | 0.645 | ug/l | | 81 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 1199 | 0.864 | ug/l | | 89 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 1207 | 0.889 | ug/l | | 88 |
| 14) Allyl chloride | 2.666 | 41 | 2101 | 0.860 | ug/l | | 96 |
| 15) Acrylonitrile | 3.069 | 53 | 2984 | 5.171 | ug/l | | 97 |
| 16) Acetone | 2.380 | 43 | 3519 | 5.684 | ug/l | | 98 |
| 17) Carbon Disulfide | 2.520 | 76 | 4767 | 1.141 | ug/l | # | 92 |
| 18) Methyl Acetate | 2.703 | 43 | 1204 | 0.955 | ug/l | # | 85 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 4437 | 1.085 | ug/l | | 100 |
| 20) Methylene Chloride | 2.794 | 84 | 1301 | 0.863 | ug/l | # | 76 |
| 21) trans-1,2-Dichloroethene | 3.099 | 96 | 1376 | 0.980 | ug/l | | 96 |
| 22) Diisopropyl ether | 3.745 | 45 | 3977 | 0.832 | ug/l | # | 26 |
| 23) Vinyl Acetate | 3.727 | 43 | 14769 | 4.131 | ug/l | | 95 |
| 24) 1,1-Dichloroethane | 3.611 | 63 | 2615 | 0.964 | ug/l | | 97 |
| 25) 2-Butanone | 4.574 | 43 | 3638 | 5.043 | ug/l | | 98 |
| 26) 2,2-Dichloropropane | 4.465 | 77 | 2347 | 1.012 | ug/l | | 84 |
| 27) cis-1,2-Dichloroethene | 4.489 | 96 | 1598 | 0.959 | ug/l | | 94 |
| 28) Bromochloromethane | 4.879 | 49 | 908 | 0.726 | ug/l | # | 69 |
| 29) Tetrahydrofuran | 5.007 | 42 | 2088 | 4.929 | ug/l | # | 73 |
| 30) Chloroform | 5.093 | 83 | 2688 | 0.941 | ug/l | | 97 |
| 32) 1,1,1-Trichloroethane | 5.379 | 97 | 2459 | 1.048 | ug/l | # | 50 |
| 36) 1,1-Dichloropropene | 5.696 | 75 | 2173 | 1.151 | ug/l | # | 62 |
| 37) Ethyl Acetate | 4.727 | 43 | 1772m | 1.174 | ug/l | | |
| 38) Carbon Tetrachloride | 5.672 | 117 | 2513m | 1.159 | ug/l | | |
| 39) Methylcyclohexane | 7.373 | 83 | 2128 | 0.999 | ug/l | | 94 |
| 40) Benzene | 6.032 | 78 | 5767 | 1.028 | ug/l | # | 89 |
| 41) Methacrylonitrile | 4.916 | 41 | 741m | 0.917 | ug/l | | |
| 42) 1,2-Dichloroethane | 6.080 | 62 | 2044 | 1.017 | ug/l | | 87 |
| 43) Isopropyl Acetate | 6.336 | 43 | 2548 | 1.006 | ug/l | # | 85 |
| 44) Trichloroethene | 7.117 | 130 | 1547 | 1.094 | ug/l | | 83 |
| 45) 1,2-Dichloropropane | 7.422 | 63 | 1195 | 0.842 | ug/l | | 96 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 46) Dibromomethane | 7.574 | 93 | 1032 | 1.011 | ug/l | | 95 |
| 47) Bromodichloromethane | 7.812 | 83 | 2204 | 0.999 | ug/l | # | 79 |
| 48) Methyl methacrylate | 7.684 | 41 | 1283 | 0.989 | ug/l | | 95 |
| 49) 1,4-Dioxane | 7.665 | 88 | 255 | 21.840 | ug/l | # | 34 |
| 51) 4-Methyl-2-Pentanone | 8.562 | 43 | 7066 | 5.011 | ug/l | | 91 |
| 52) Toluene | 8.708 | 92 | 3403 | 1.010 | ug/l | | 95 |
| 53) t-1,3-Dichloropropene | 8.970 | 75 | 1844 | 0.892 | ug/l | # | 74 |
| 54) cis-1,3-Dichloropropene | 8.360 | 75 | 2250 | 0.998 | ug/l | | 90 |
| 55) 1,1,2-Trichloroethane | 9.147 | 97 | 1229 | 0.977 | ug/l | # | 85 |
| 56) Ethyl methacrylate | 9.104 | 69 | 1616 | 0.945 | ug/l | | 96 |
| 57) 1,3-Dichloropropane | 9.299 | 76 | 2174 | 0.989 | ug/l | | 93 |
| 58) 2-Chloroethyl Vinyl ether | 8.232 | 63 | 2970 | 3.381 | ug/l | | 100 |
| 59) 2-Hexanone | 9.421 | 43 | 4456 | 4.518 | ug/l | | 92 |
| 60) Dibromochloromethane | 9.507 | 129 | 1862 | 1.183 | ug/l | | 95 |
| 61) 1,2-Dibromoethane | 9.598 | 107 | 1338 | 1.037 | ug/l | | 98 |
| 64) Tetrachloroethene | 9.257 | 164 | 1482 | 1.192 | ug/l | | 92 |
| 65) Chlorobenzene | 10.067 | 112 | 4073 | 1.051 | ug/l | | 90 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 1495 | 1.070 | ug/l | # | 66 |
| 67) Ethyl Benzene | 10.177 | 91 | 6752 | 1.016 | ug/l | | 97 |
| 68) m/p-Xylenes | 10.287 | 106 | 4589 | 1.854 | ug/l | | 90 |
| 69) o-Xylene | 10.628 | 106 | 2313 | 0.993 | ug/l | | 99 |
| 70) Styrene | 10.640 | 104 | 3737 | 0.932 | ug/l | | 96 |
| 71) Bromoform | 10.787 | 173 | 1198 | 1.168 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 6291 | 1.040 | ug/l | | 93 |
| 74) N-amyl acetate | 10.829 | 43 | 2137 | 0.947 | ug/l | # | 90 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 1718 | 1.003 | ug/l | | 90 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 1615m | 1.216 | ug/l | | |
| 77) Bromobenzene | 11.183 | 156 | 1635 | 1.080 | ug/l | | 91 |
| 78) n-propylbenzene | 11.287 | 91 | 6956 | 0.949 | ug/l | | 94 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 4477 | 1.010 | ug/l | | 97 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 5196 | 1.047 | ug/l | | 97 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 5385 | 1.034 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.695 | 119 | 5439 | 1.085 | ug/l | | 91 |
| 84) 1,2,4-Trimethylbenzene | 11.738 | 105 | 4854 | 0.982 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 6589 | 1.075 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 5812 | 1.125 | ug/l | | 91 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 3239 | 1.145 | ug/l | | 96 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 3727m | 1.270 | ug/l | | |
| 89) n-Butylbenzene | 12.317 | 91 | 5787 | 1.202 | ug/l | | 98 |
| 90) Hexachloroethane | 12.518 | 117 | 1182 | 1.084 | ug/l | | 77 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 3135 | 1.172 | ug/l | | 96 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.933 | 75 | 290 | 0.926 | ug/l | | 79 |
| 93) 1,2,4-Trichlorobenzene | 13.573 | 180 | 2505 | 1.587 | ug/l | | 90 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 1658 | 2.724 | ug/l | | 97 |
| 95) Naphthalene | 13.762 | 128 | 5116 | 1.230 | ug/l | | 98 |
| 96) 1,2,3-Trichlorobenzene | 13.945 | 180 | 2006 | 1.377 | ug/l | | 100 |

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

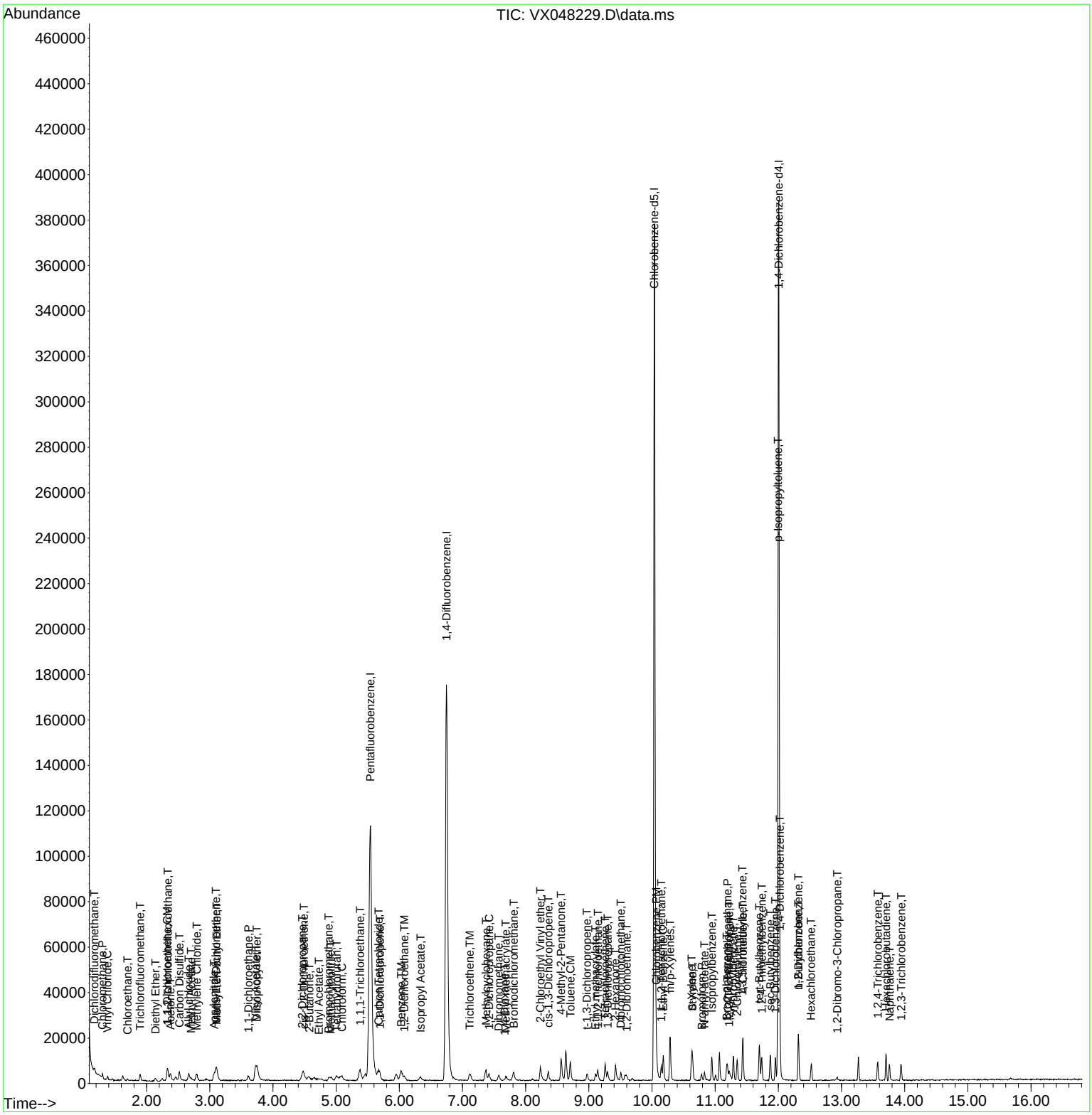
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

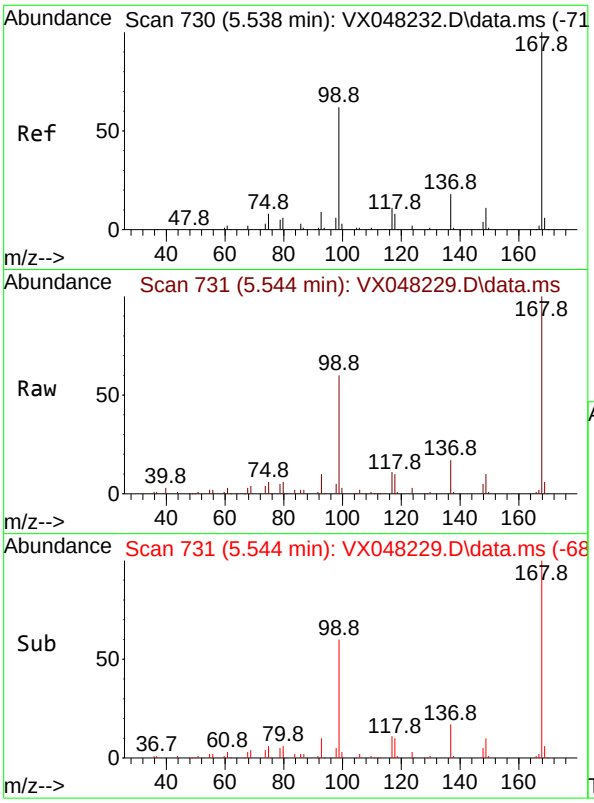
Quant Time: Oct 20 12:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

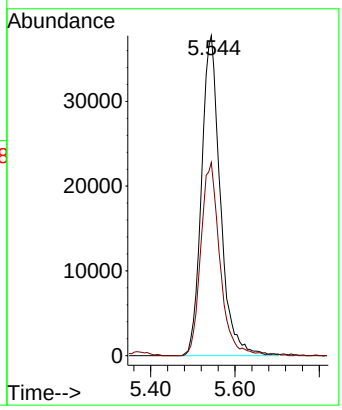





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:168 Resp: 11715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.3 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

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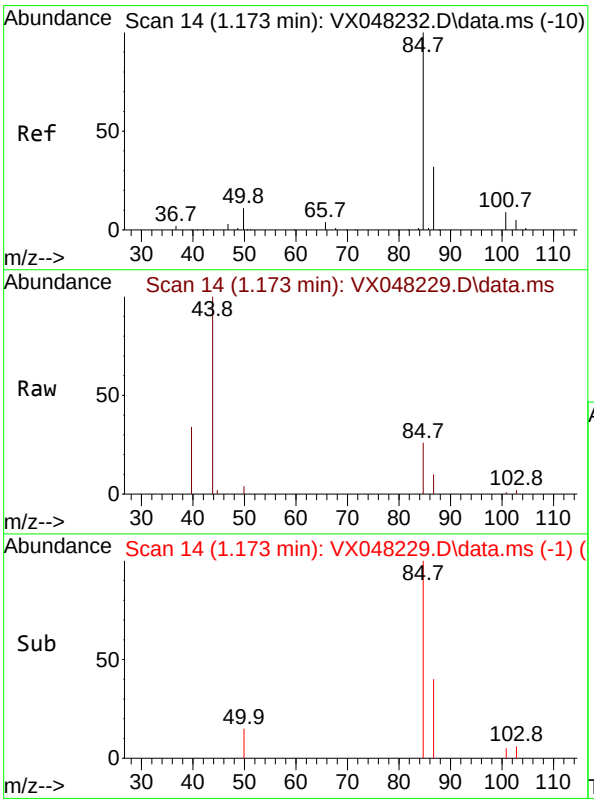
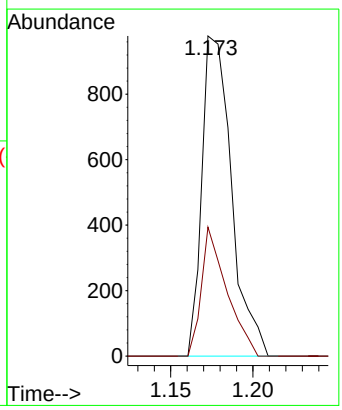
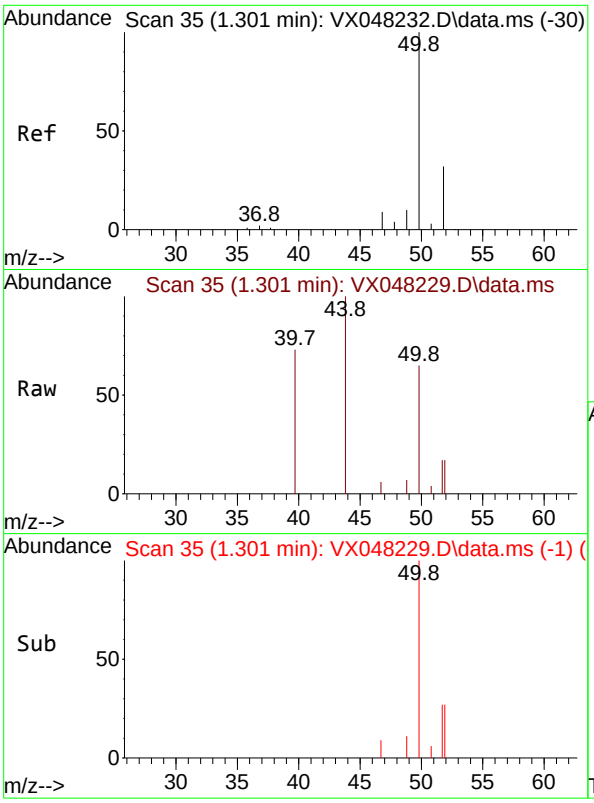



#2
Dichlorodifluoromethane
Concen: 0.995 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 85 Resp: 1223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 40.3 | 15.3 | 45.9 |

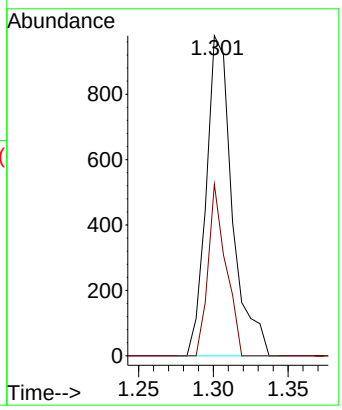





#3
Chloromethane
Concen: 0.796 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 50 Resp: 118

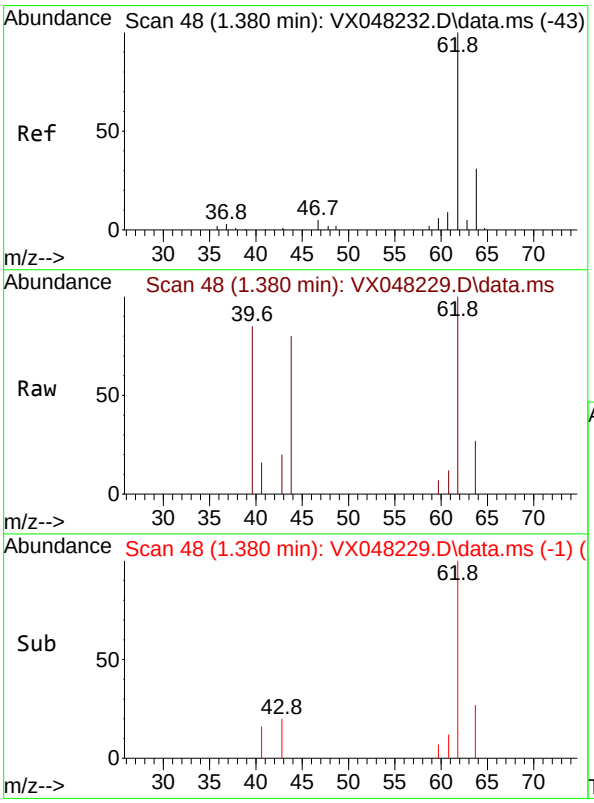
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 53.6 | 25.9 | 38.9# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

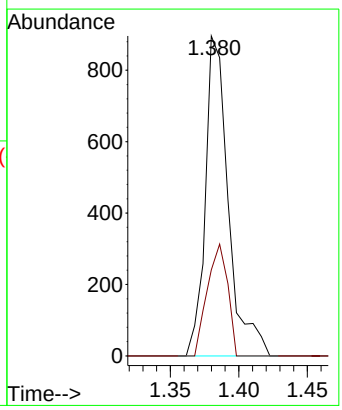
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

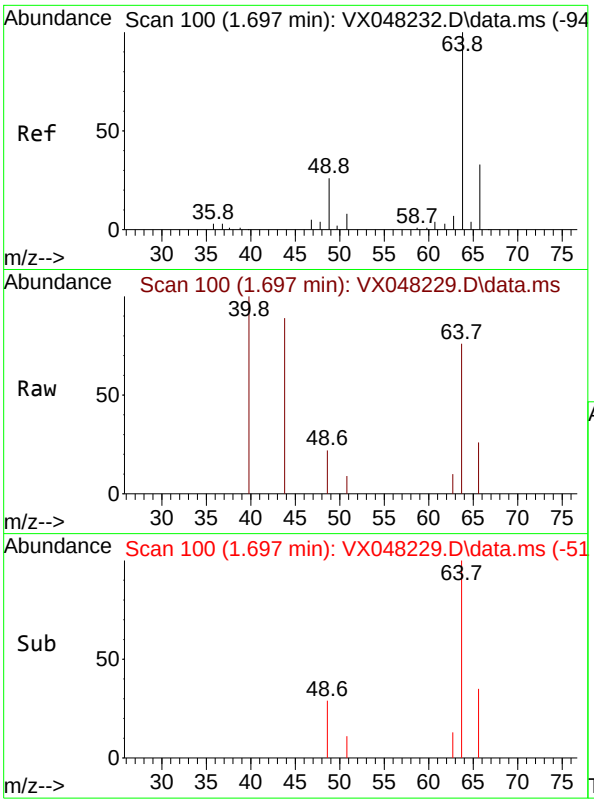



#4
Vinyl Chloride
Concen: 0.668 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 62 Resp: 1048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 26.9 | 25.1 | 37.7 |

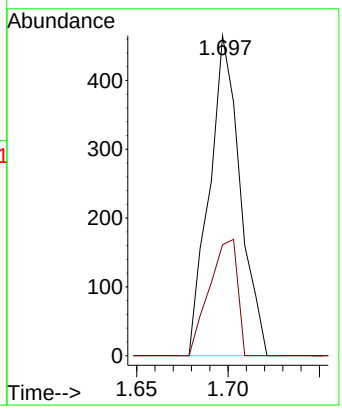





#6
Chloroethane
Concen: 0.546 ug/l
RT: 1.697 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 64 Resp: 54

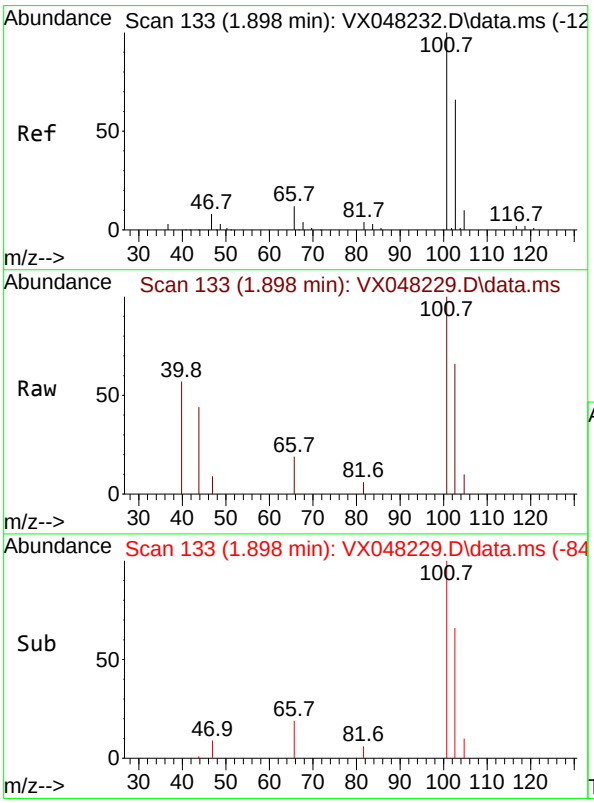
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 34.6 | 23.9 | 35.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

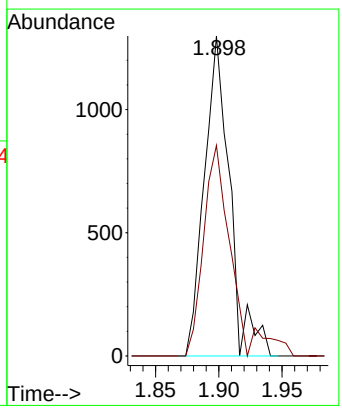
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

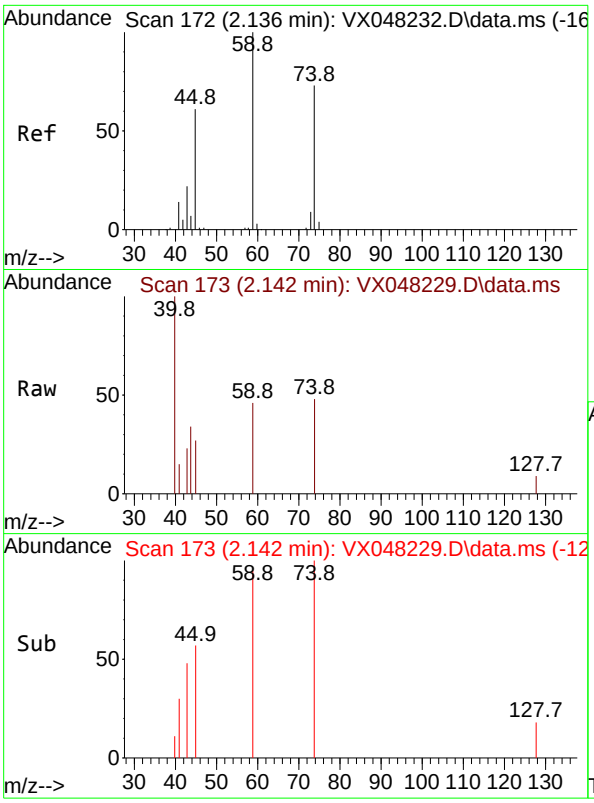



#7
Trichlorofluoromethane
Concen: 0.738 ug/l
RT: 1.898 min Scan# 133
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:101 Resp: 1819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.8 | 51.6 | 77.4 |

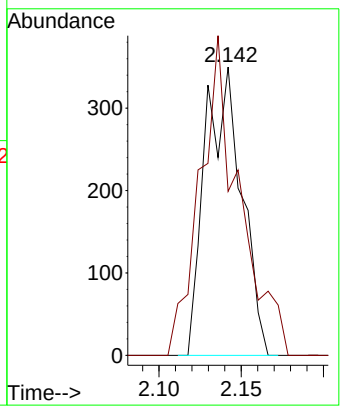





#8
Diethyl Ether
Concen: 0.645 ug/l
RT: 2.142 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 74 Resp: 54

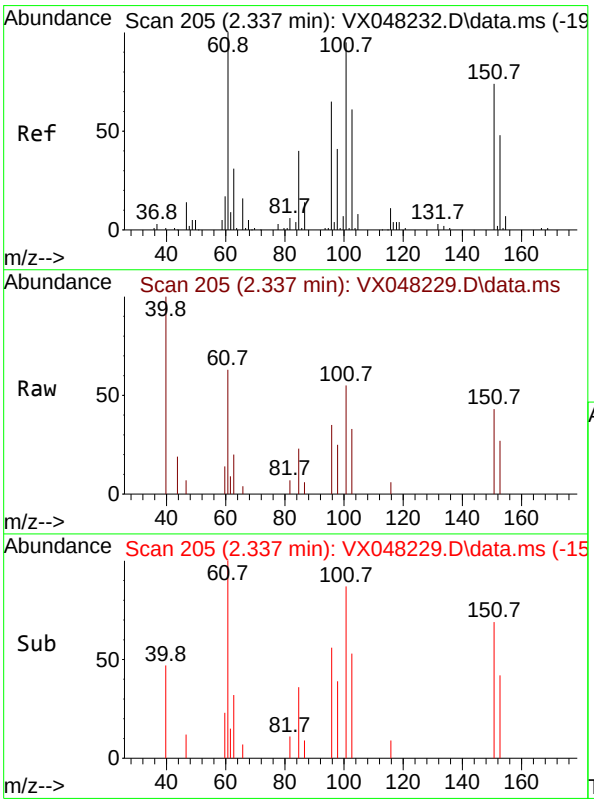
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 118.5 | 50.0 | 149.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

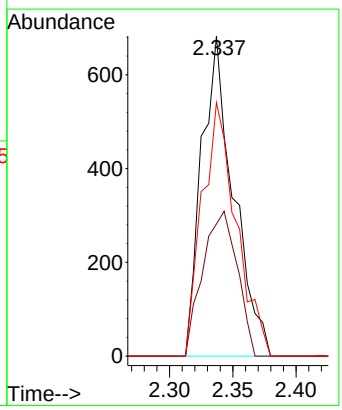
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

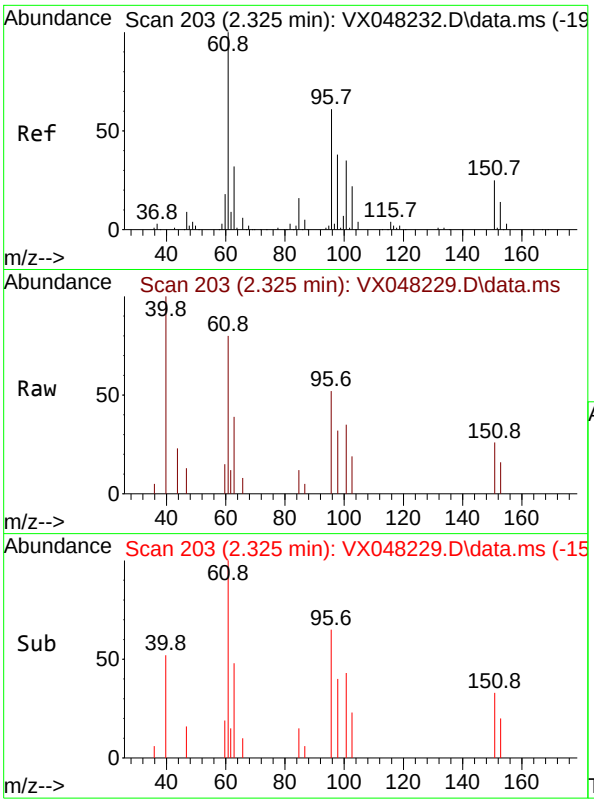



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.864 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:101 Resp: 1199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 48.9 | 35.6 | 53.4 |
| 151 | 84.2 | 58.0 | 87.0 |

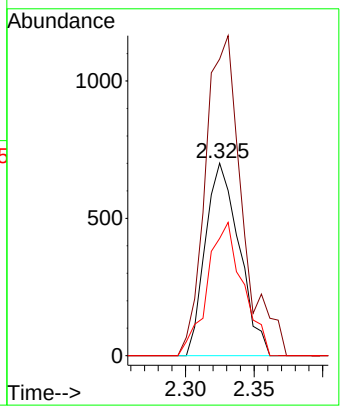





#12
1,1-Dichloroethene
Concen: 0.889 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 96 Resp: 120

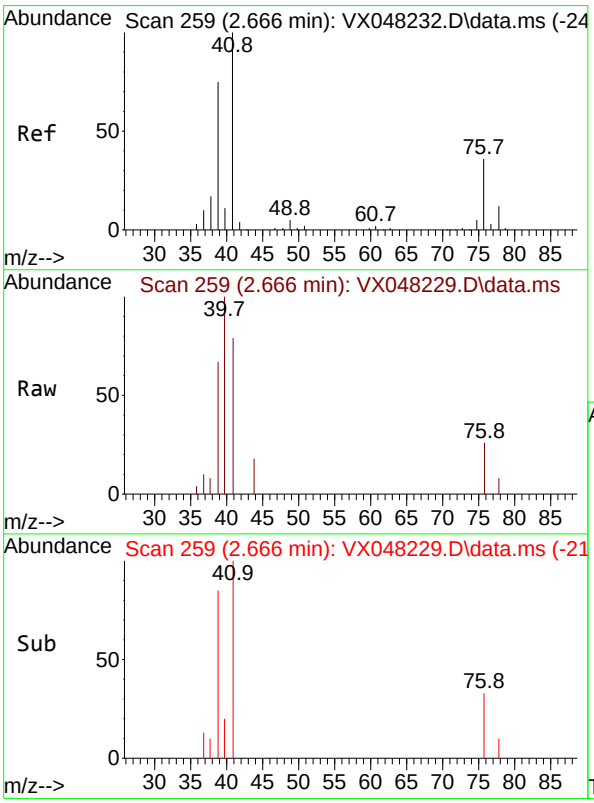
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 154.1 | 139.0 | 208.6 |
| 98 | 60.9 | 52.4 | 78.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

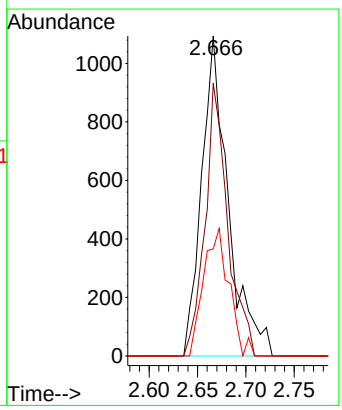
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

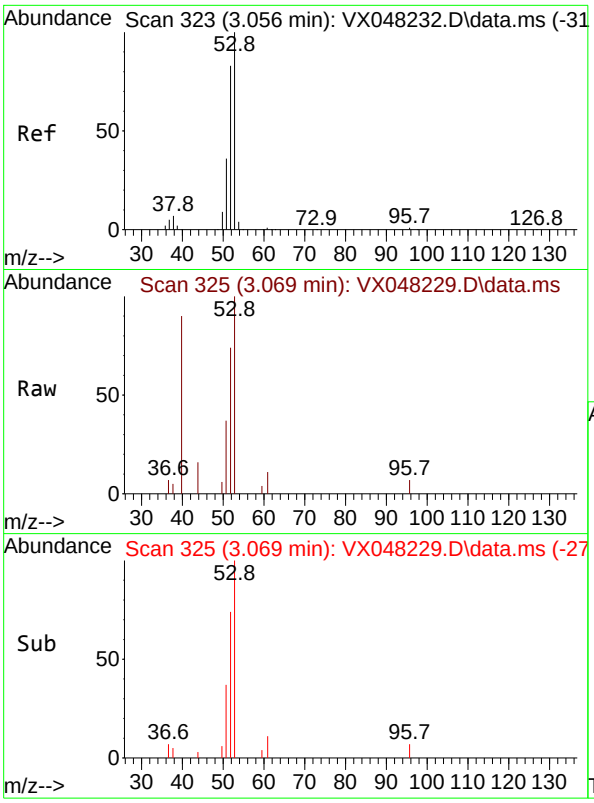



#14
Allyl chloride
Concen: 0.860 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 2101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 72.1 | 56.0 | 84.0 |
| 76 | 37.8 | 27.5 | 41.3 |

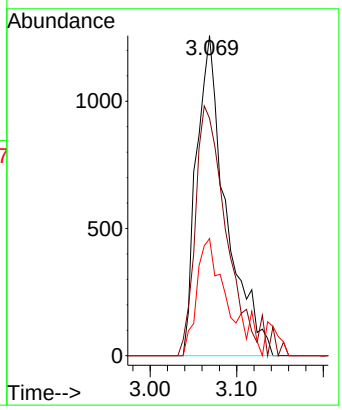





#15
Acrylonitrile
Concen: 5.171 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 53 Resp: 298

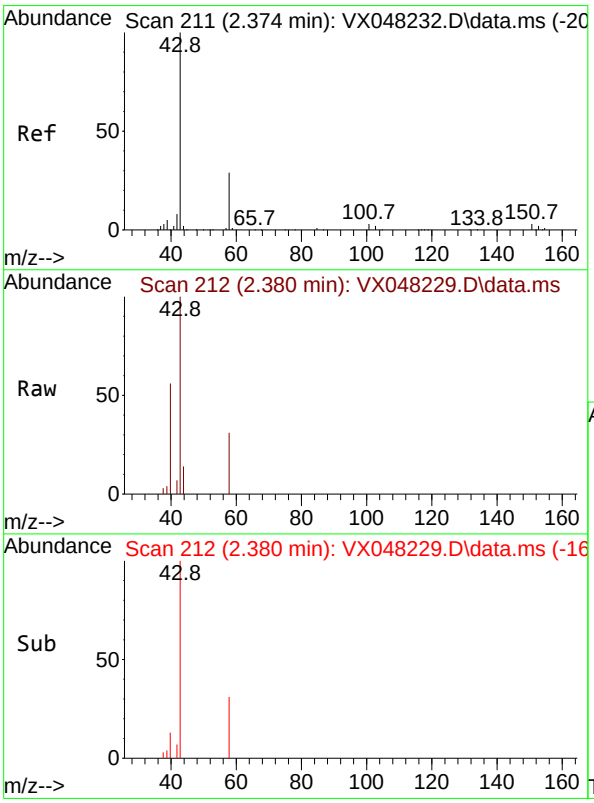
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.3 | 66.1 | 99.1 |
| 51 | 37.8 | 29.0 | 43.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations**
**APPROVED**

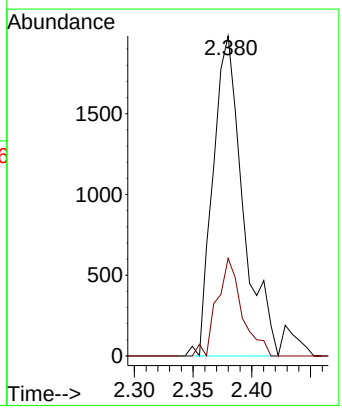
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

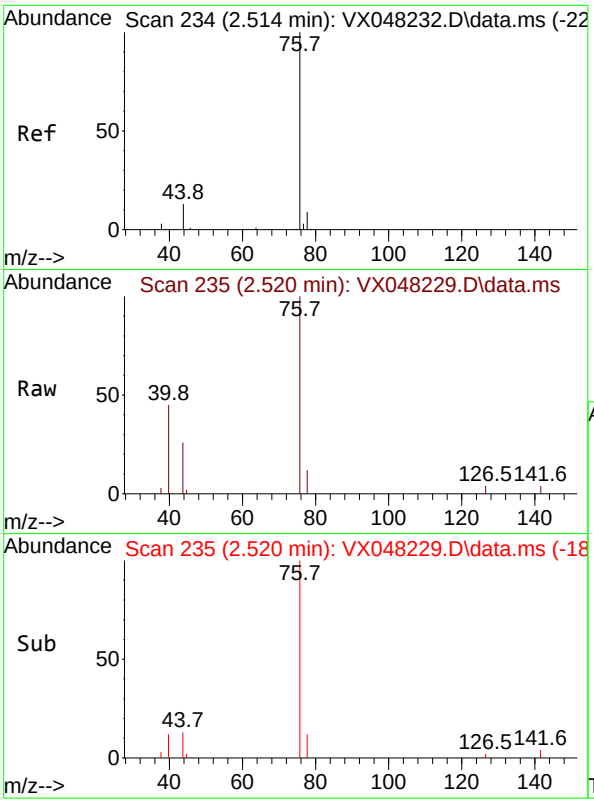



#16
Acetone
Concen: 5.684 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 3519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.5 | 23.4 | 35.2 |

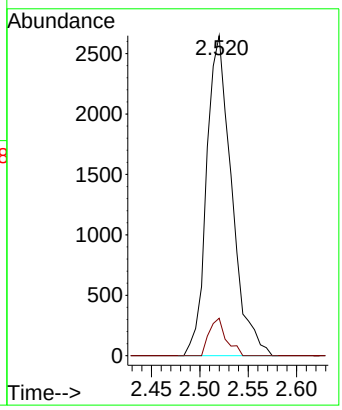





#17
Carbon Disulfide
Concen: 1.141 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 76 Resp: 476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.7 | 7.1 | 10.7# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

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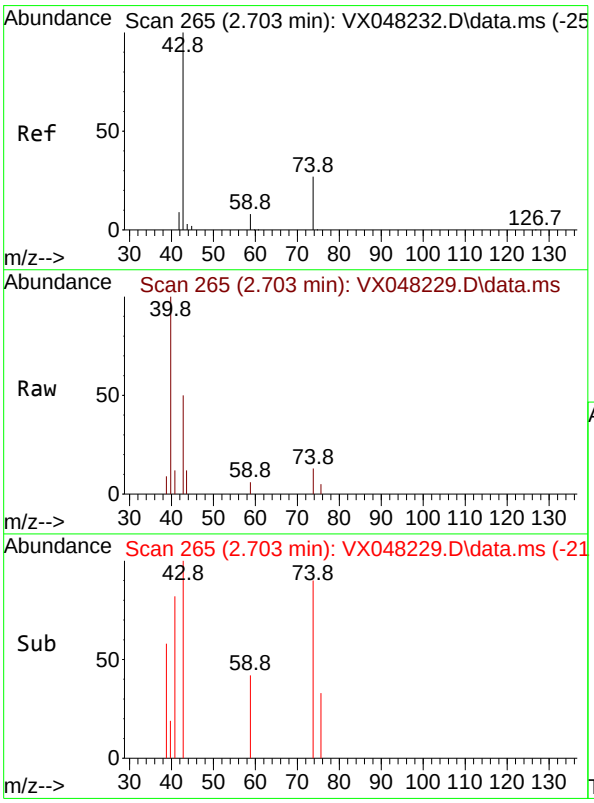
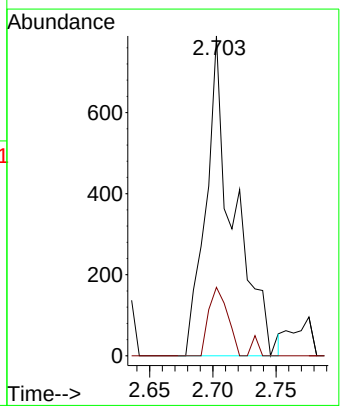
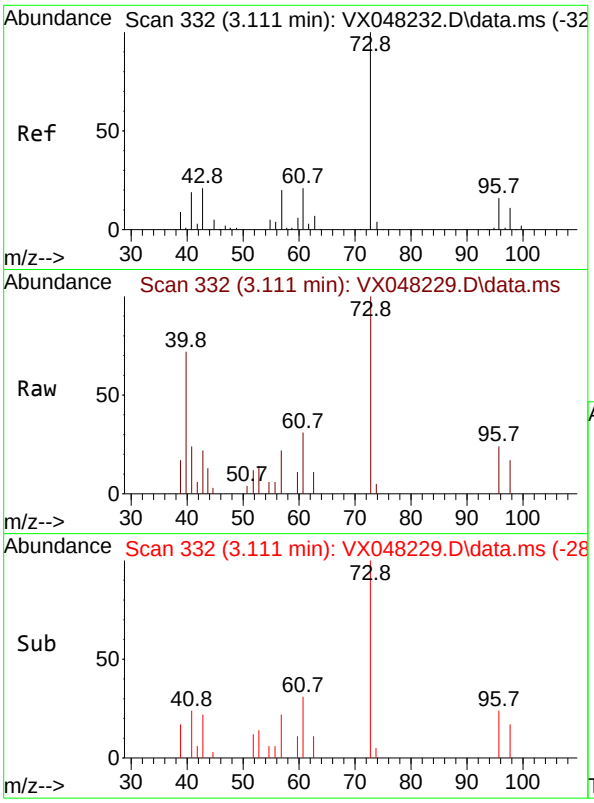



#18
Methyl Acetate
Concen: 0.955 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 1204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 14.6 | 17.5 | 26.3# |

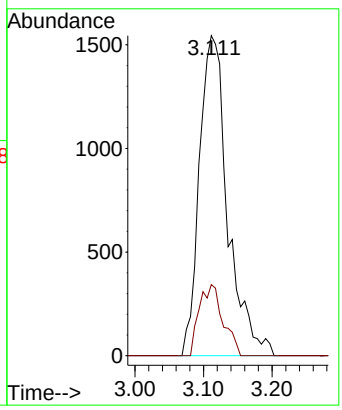





#19
Methyl tert-butyl Ether
Concen: 1.085 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 73 Resp: 443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.2 | 17.7 | 26.5 |

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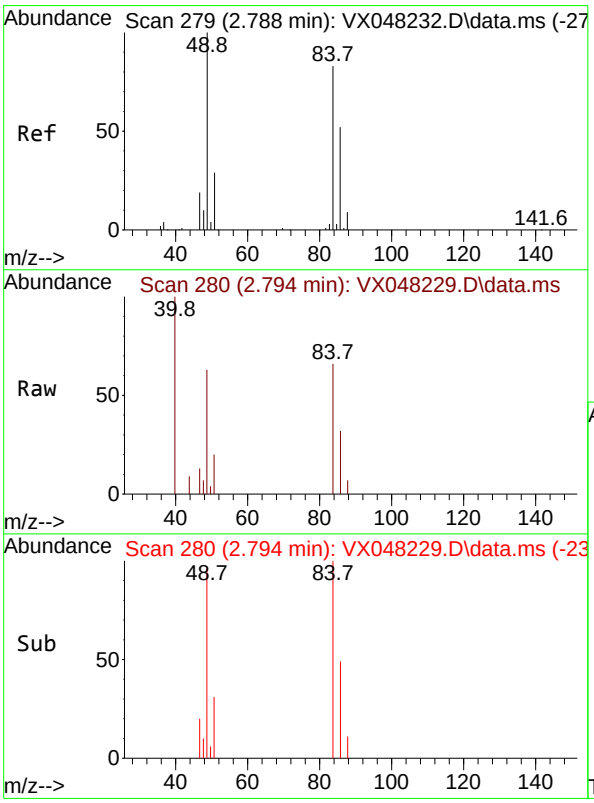
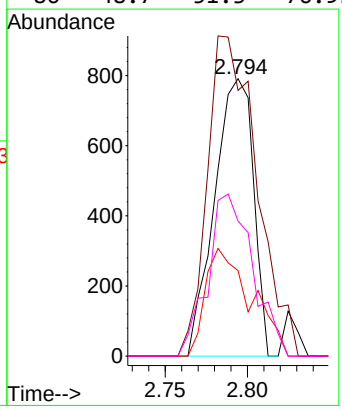
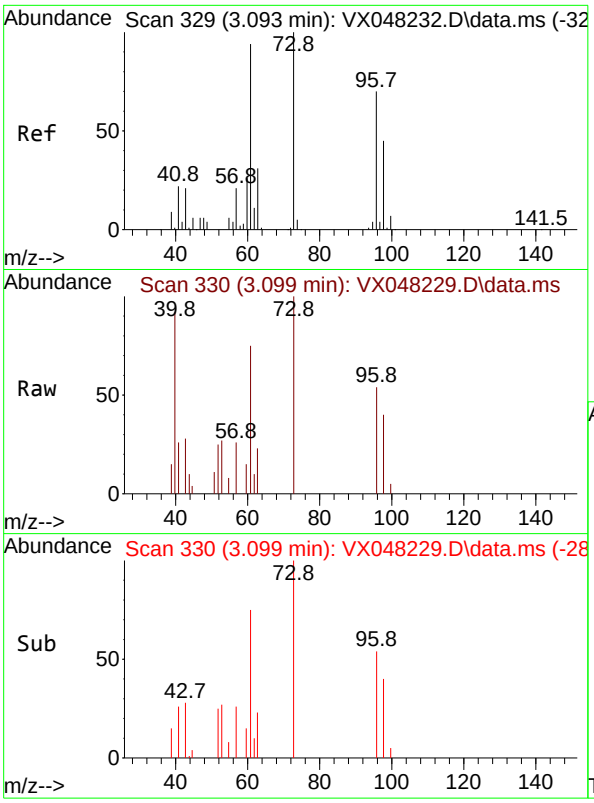



#20
Methylene Chloride
Concen: 0.863 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 84 Resp: 1301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 95.8 | 104.1 | 156.1# |
| 51 | 30.8 | 31.3 | 46.9# |
| 86 | 48.7 | 51.3 | 76.9# |

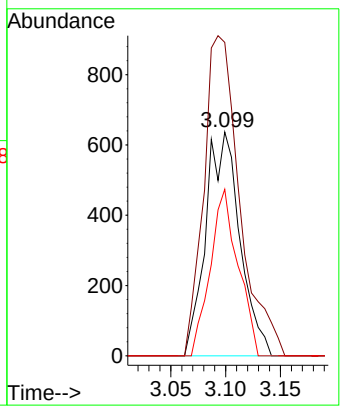





#21
trans-1,2-Dichloroethene
Concen: 0.980 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 96 Resp: 137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 140.0 | 111.9 | 167.9 |
| 98 | 74.4 | 51.2 | 76.8 |




**Instrument :**
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VSTDICC001

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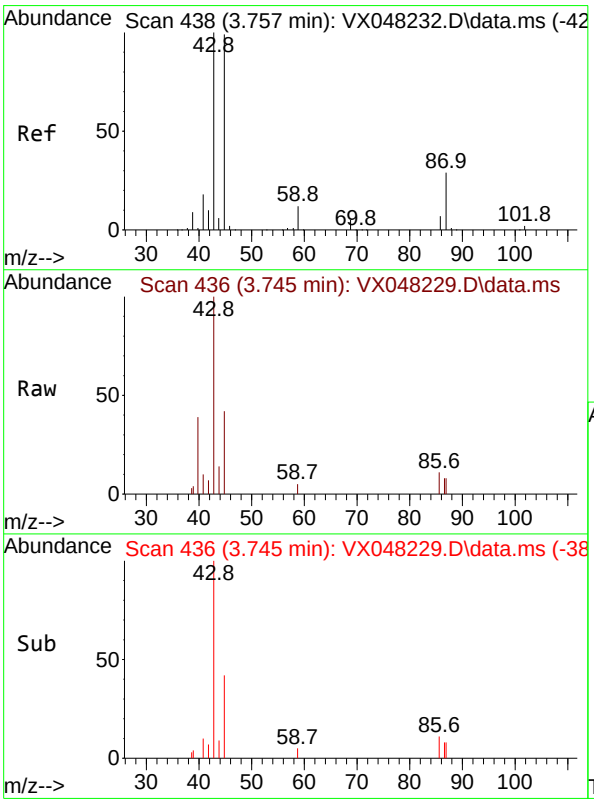
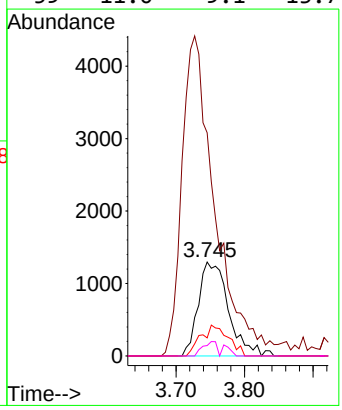
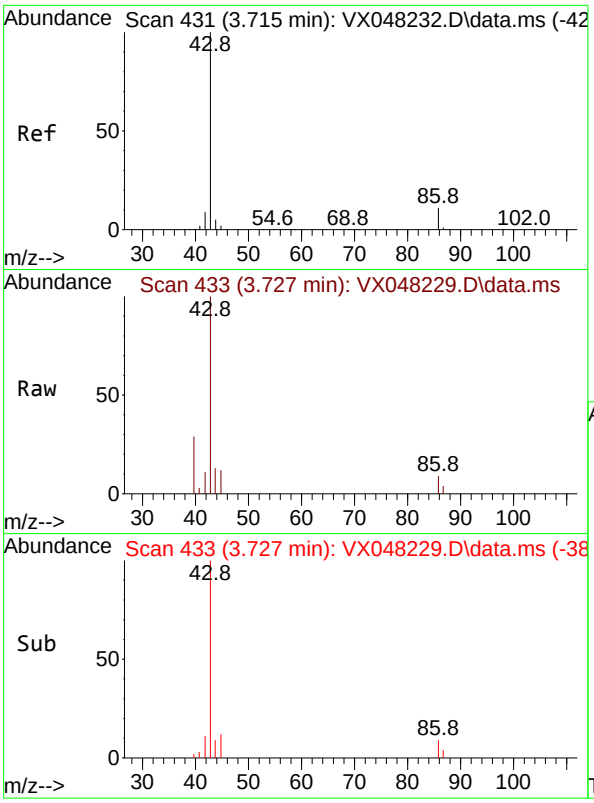



#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 45 Resp: 3977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 213.9 | 89.8 | 134.8# |
| 87 | 19.2 | 20.6 | 31.0# |
| 59 | 11.0 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 4.131 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 1476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.8 | 7.9 | 11.9 |

**Instrument :**
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VSTDICC001

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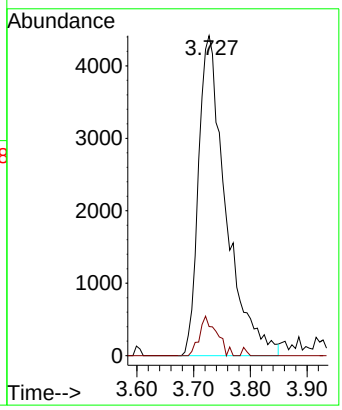
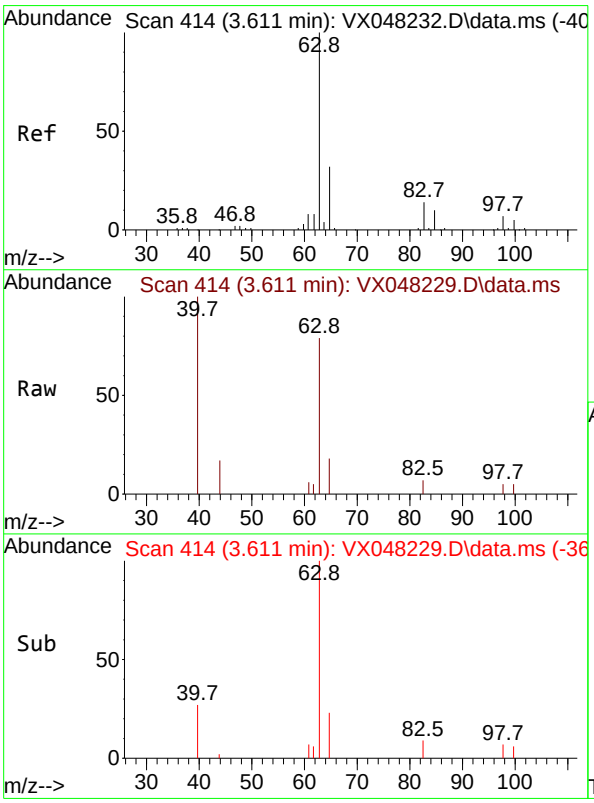
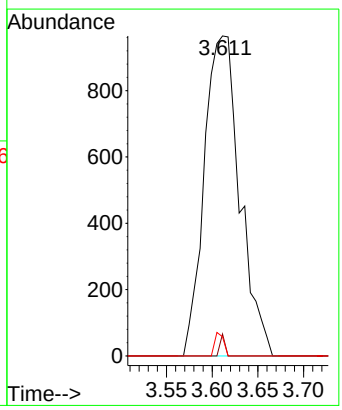


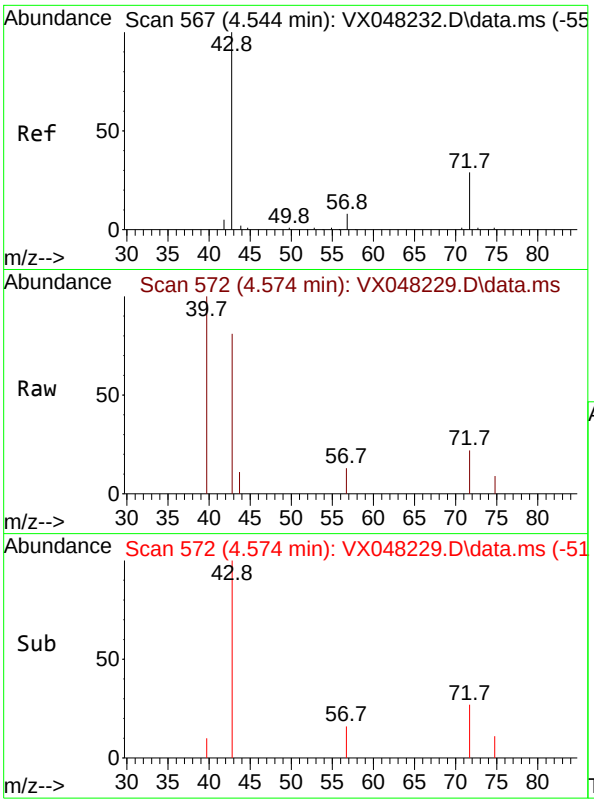




#24
1,1-Dichloroethane
Concen: 0.964 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 2615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.8 | 3.5 | 10.6 |
| 100 | 6.0 | 2.1 | 6.3 |

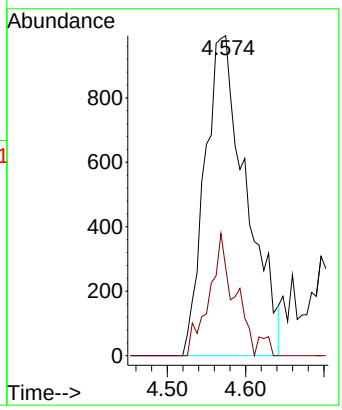





#25
2-Butanone
Concen: 5.043 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.0 | 19.9 | 29.9 |

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VSTDICC001

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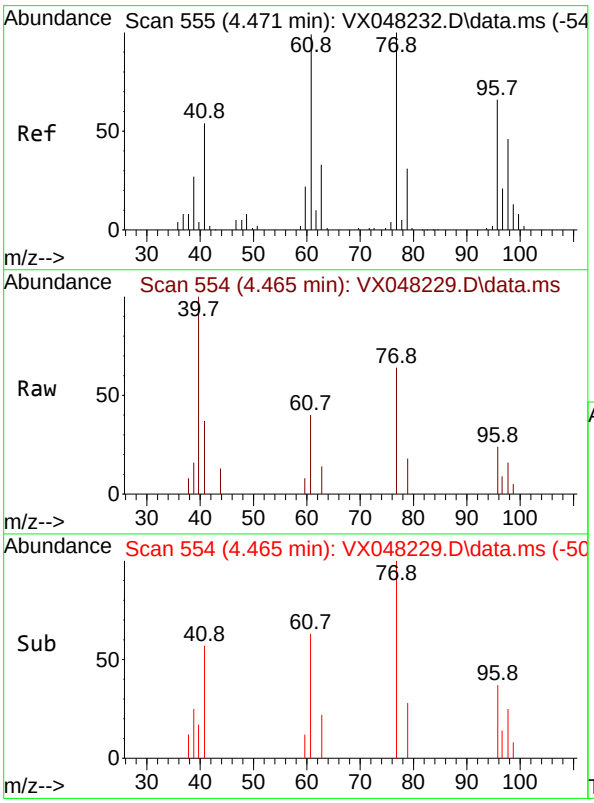
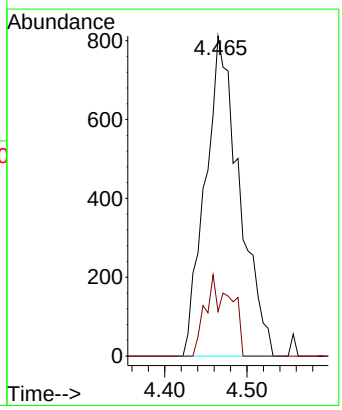
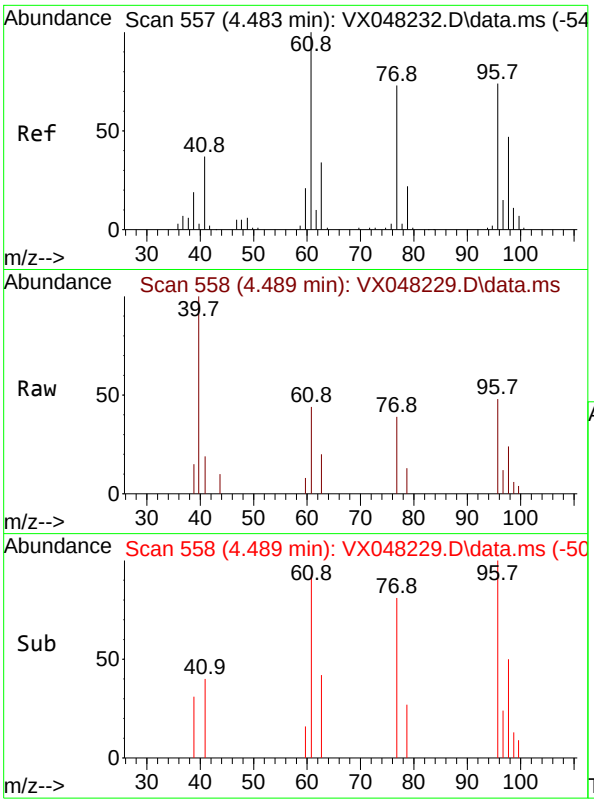



#26
2,2-Dichloropropane
Concen: 1.012 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 77 Resp: 2347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 14.3 | 11.1 | 33.3 |

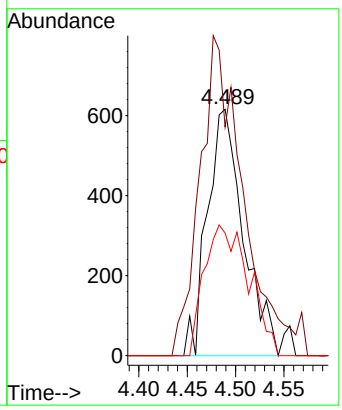





#27
cis-1,2-Dichloroethene
Concen: 0.959 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 96 Resp: 159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.9 | 0.0 | 294.2 |
| 98 | 65.8 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
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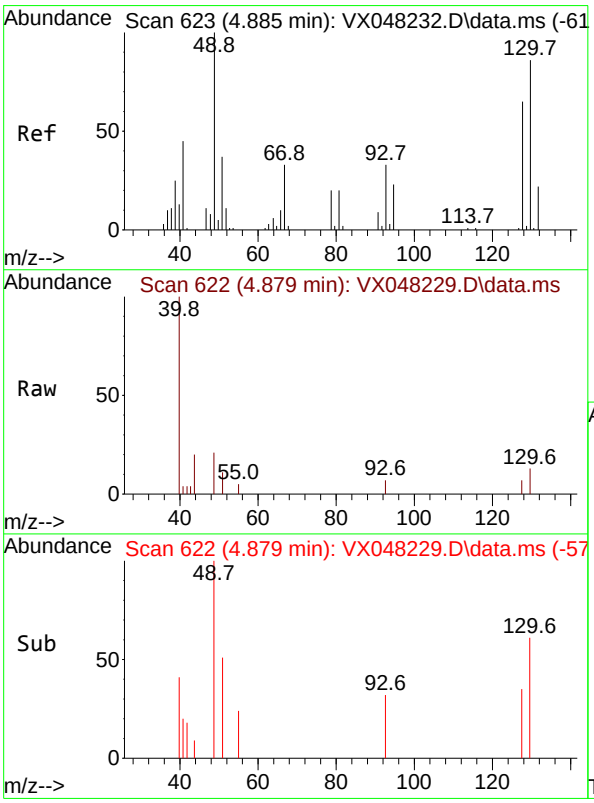
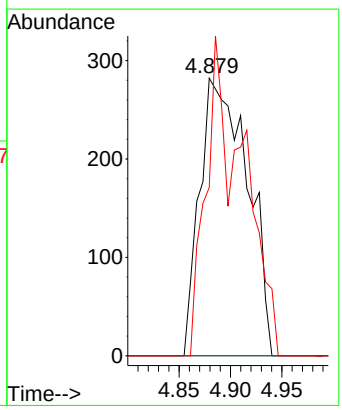
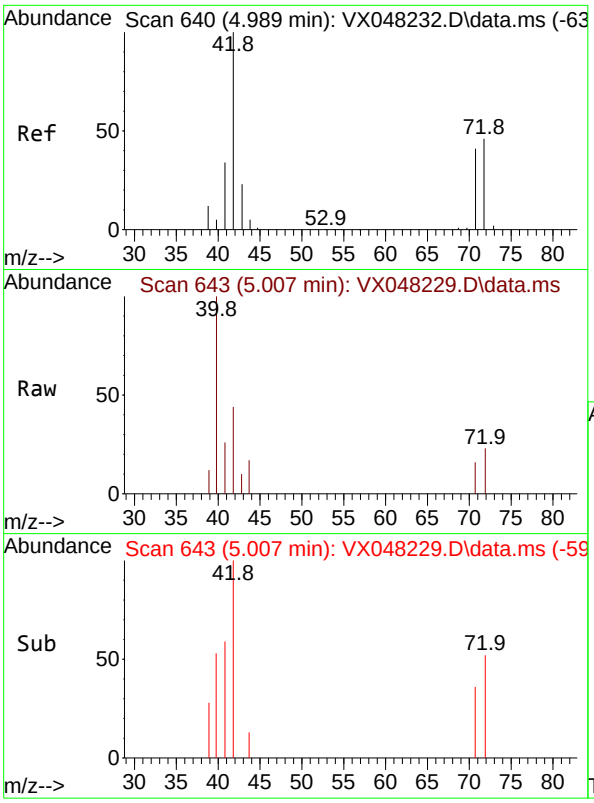



#28
Bromochloromethane
Concen: 0.726 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 49 Resp: 908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.4 |
| 130 | 47.0 | 59.3 | 88.9# |

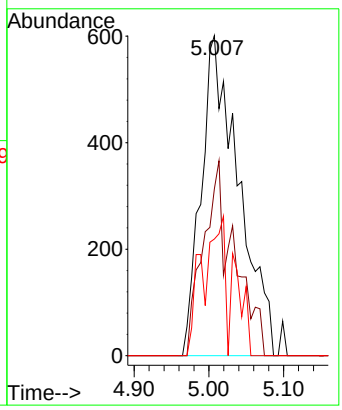





#29
Tetrahydrofuran
Concen: 4.929 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 42 Resp: 208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 34.1 | 35.3 | 52.9# |
| 71 | 16.2 | 32.2 | 48.4# |




**Instrument :**
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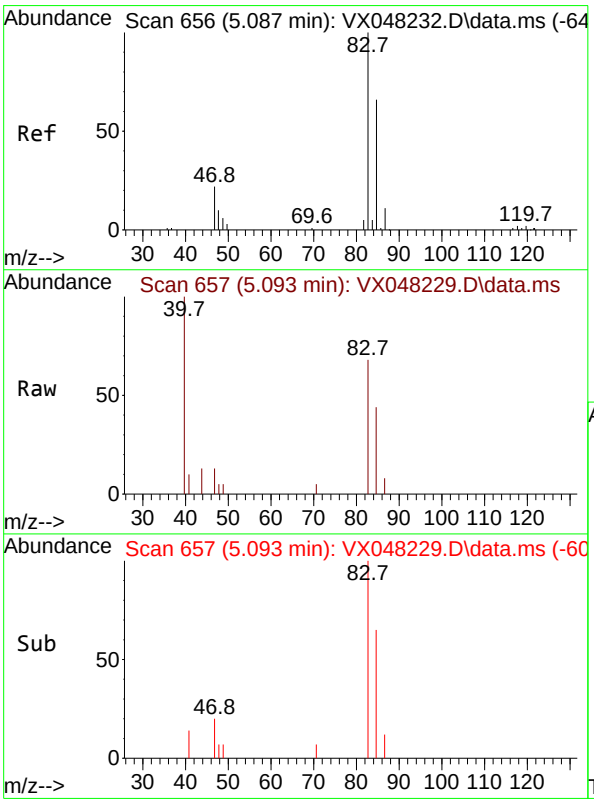
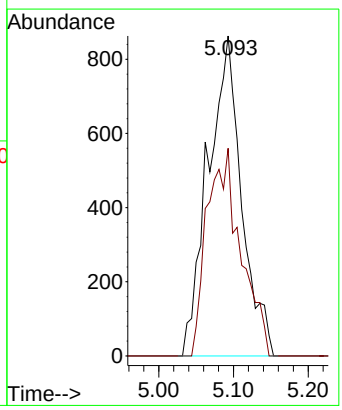
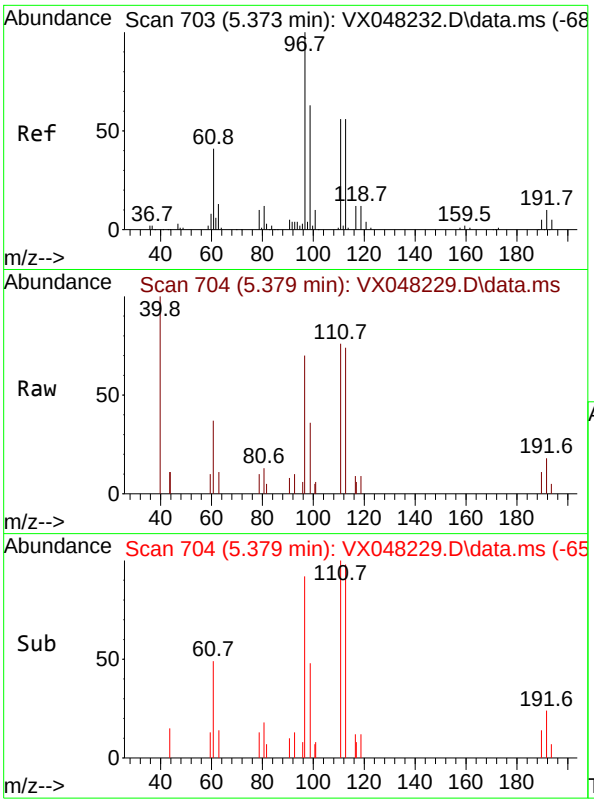



#30
Chloroform
Concen: 0.941 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 2688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 50.1 | 75.1 |

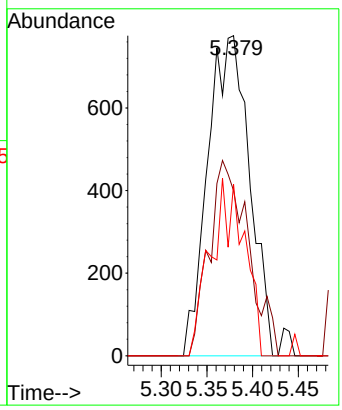





#32
1,1,1-Trichloroethane
Concen: 1.048 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 97 Resp: 245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 51.7 | 77.5 |
| 61 | 44.9 | 34.8 | 52.2 |




**Instrument :**
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**ClientSampleId :**
VSTDICC001

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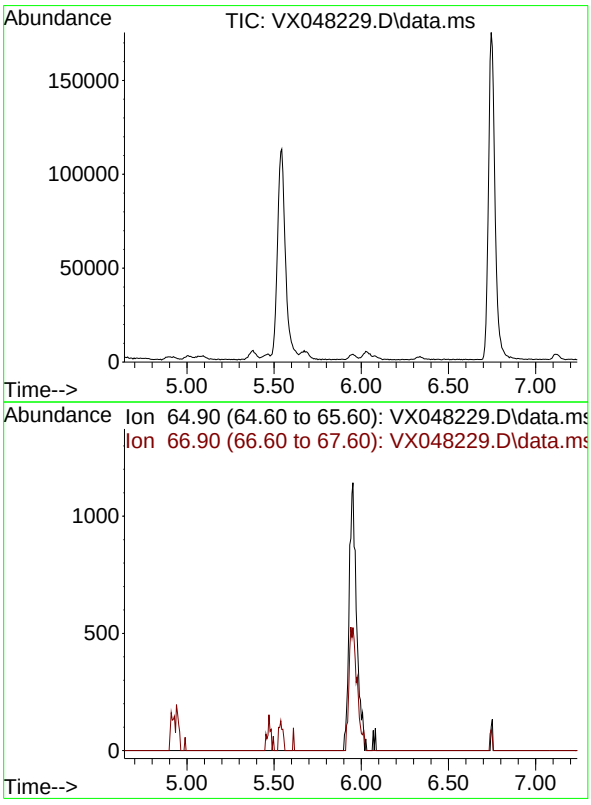
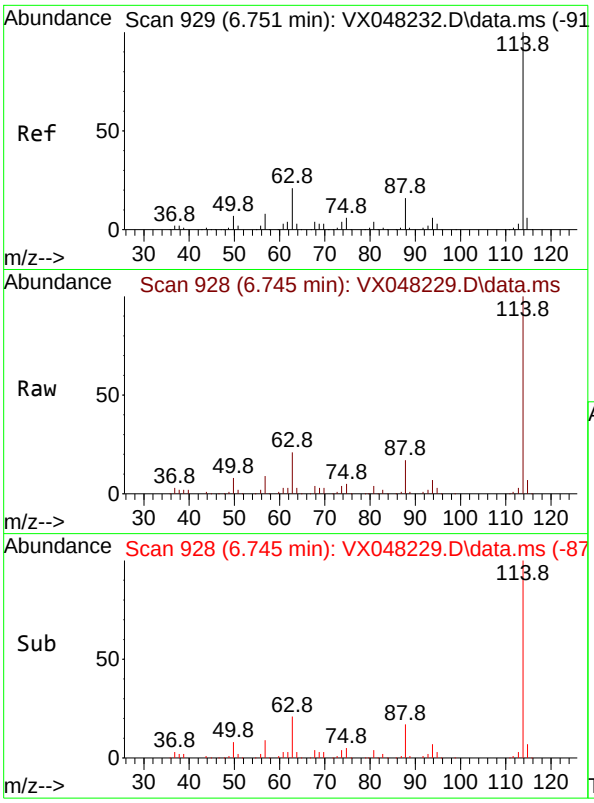



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.94 min

Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 65

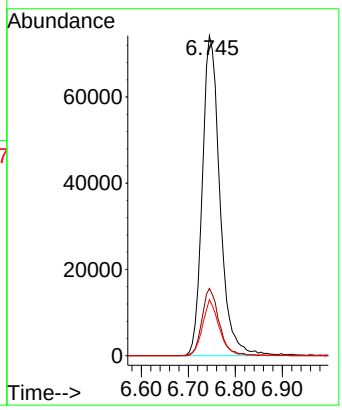
| Sig | Exp Ratio |
|---|---|
| 65 | 100 |
| 67 | 52.5 |




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:114 Resp: 19318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.0 | 0.0 | 43.2 |
| 88 | 17.5 | 0.0 | 33.6 |

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MSVOA_X
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VSTDICC001

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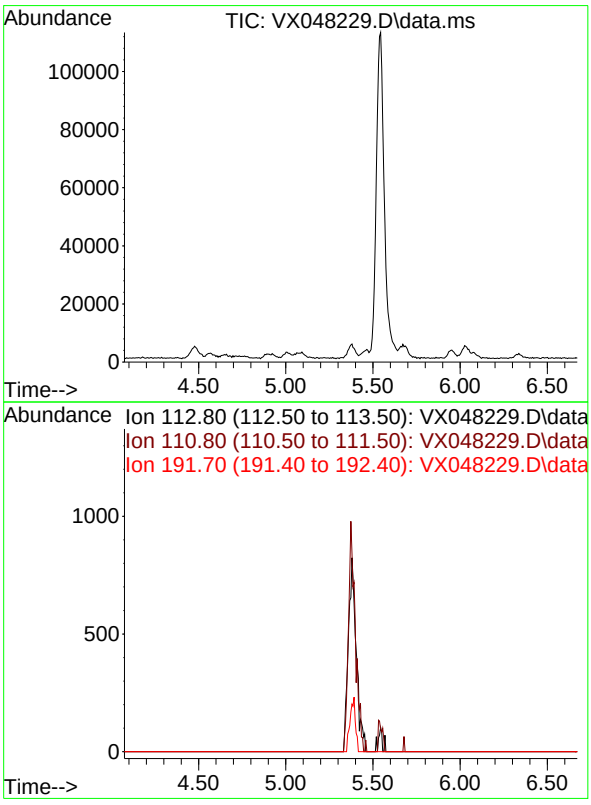
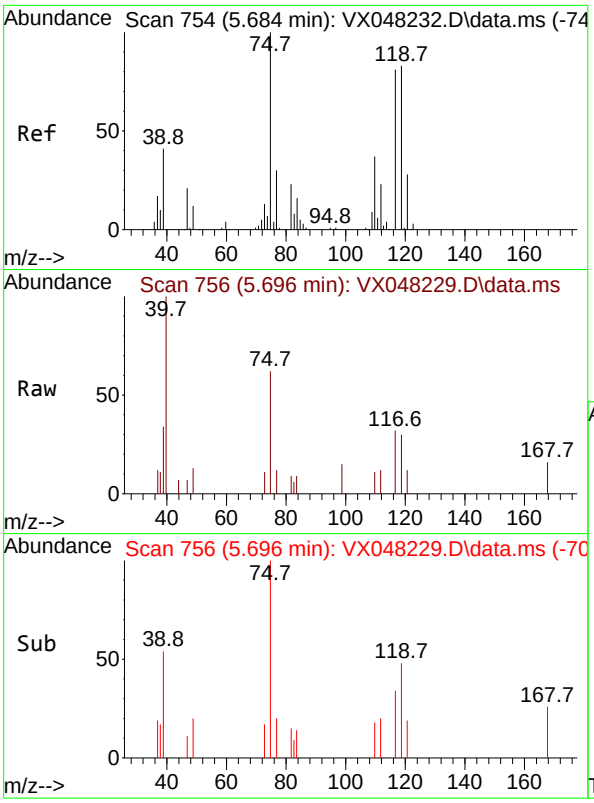



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.37 min

Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 113

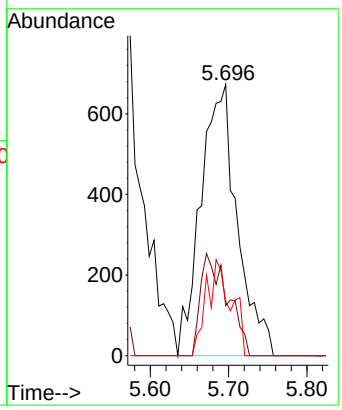
| Sig | Exp Ratio |
|---|---|
| 113 | 100 |
| 111 | 102.8 |
| 192 | 18.9 |




#36
1,1-Dichloropropene
Concen: 1.151 ug/l
RT: 5.696 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 217

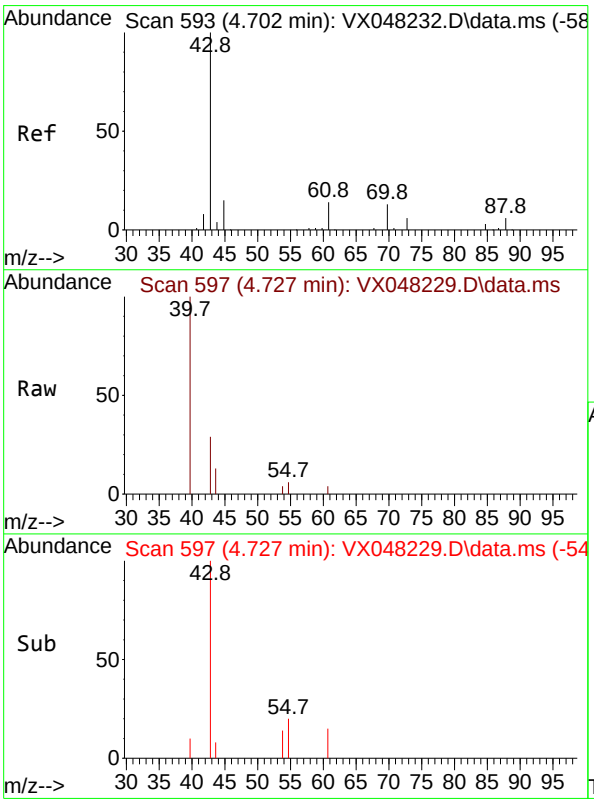
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 17.7 | 53.1# |
| 77 | 23.9 | 24.3 | 36.5# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

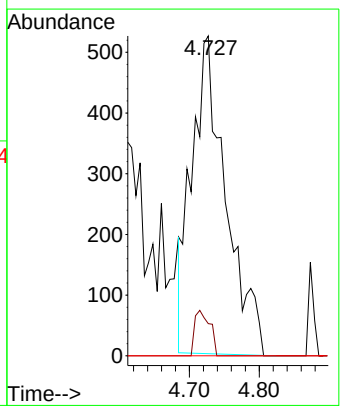
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

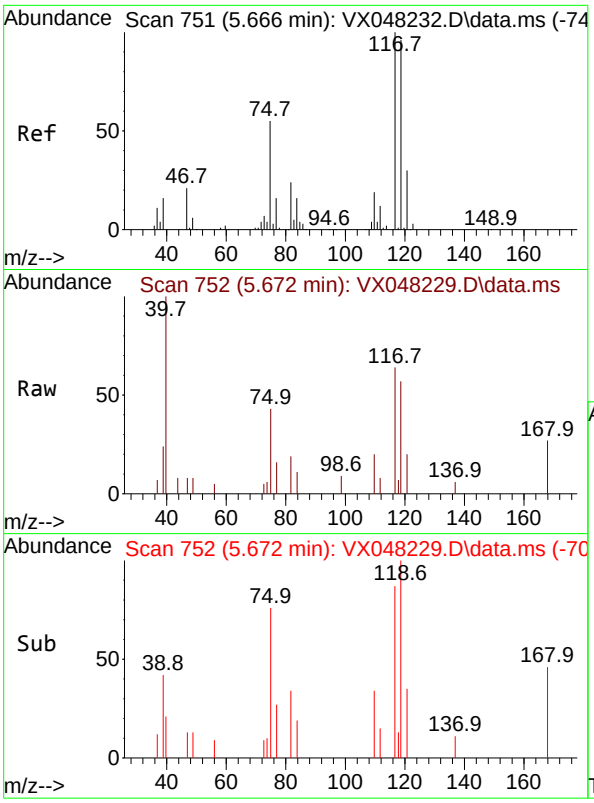



#37
Ethyl Acetate
Concen: 1.174 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.031 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 1772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 6.4 | 10.6 | 15.8# |
| 70 | 0.0 | 7.8 | 11.6# |

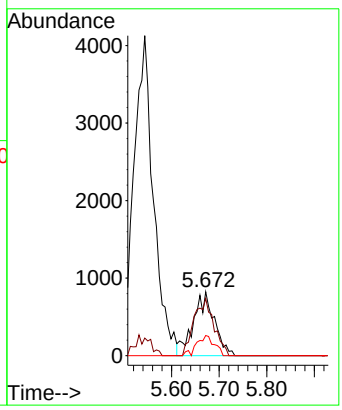





#38
Carbon Tetrachloride
Concen: 1.159 ug/l m
RT: 5.672 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 89.4 | 77.2 | 115.8 |
| 121 | 31.5 | 24.8 | 37.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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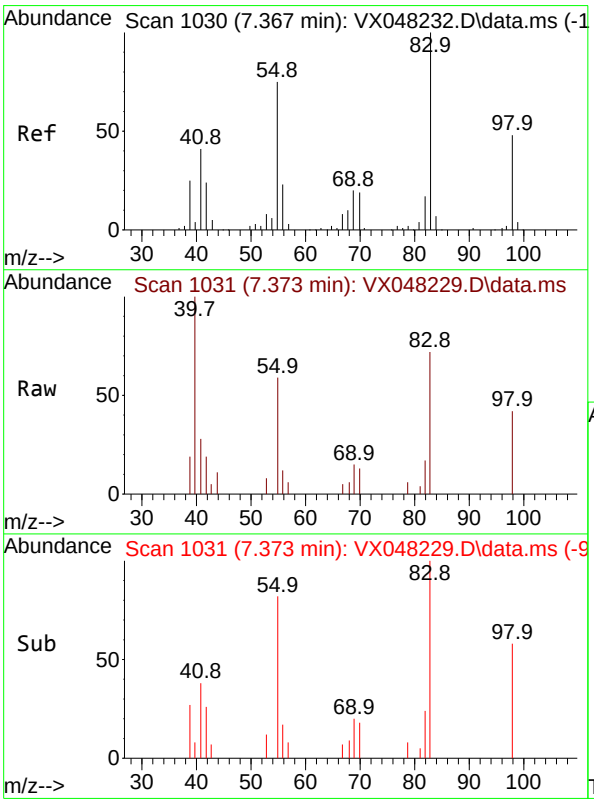
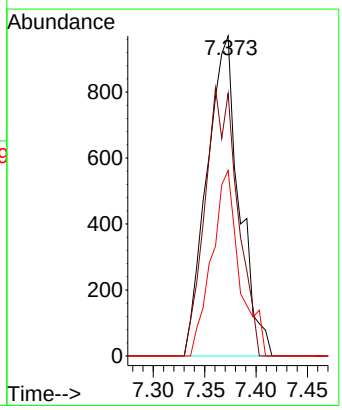
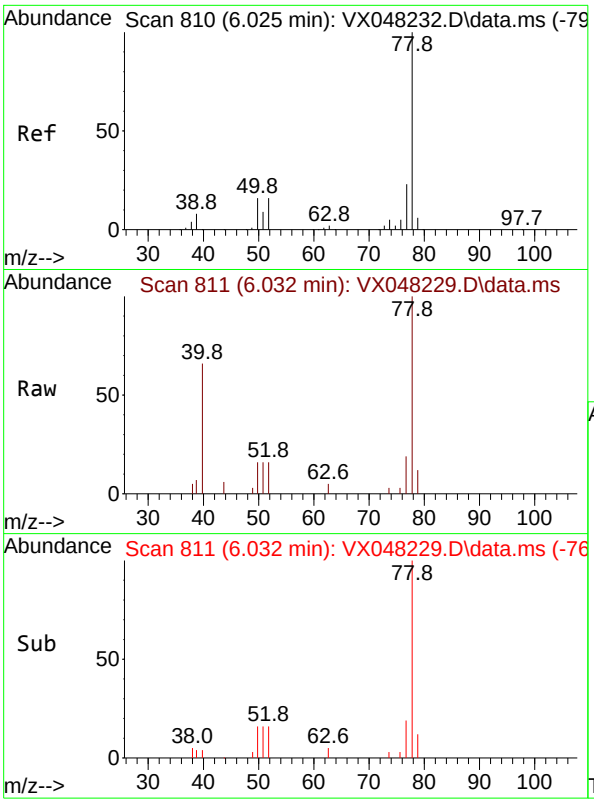



#39
Methylcyclohexane
Concen: 0.999 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 2128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 82.1 | 66.2 | 99.2 |
| 98 | 57.9 | 38.9 | 58.3 |






#40
Benzene
Concen: 1.028 ug/l
RT: 6.032 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 78 Resp: 576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 18.9 | 19.3 | 28.9# |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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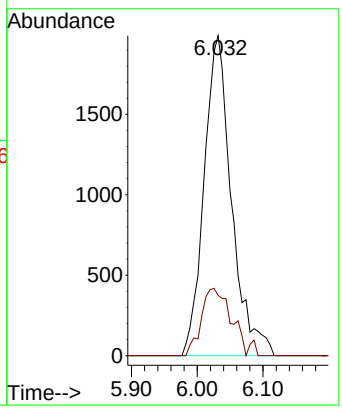
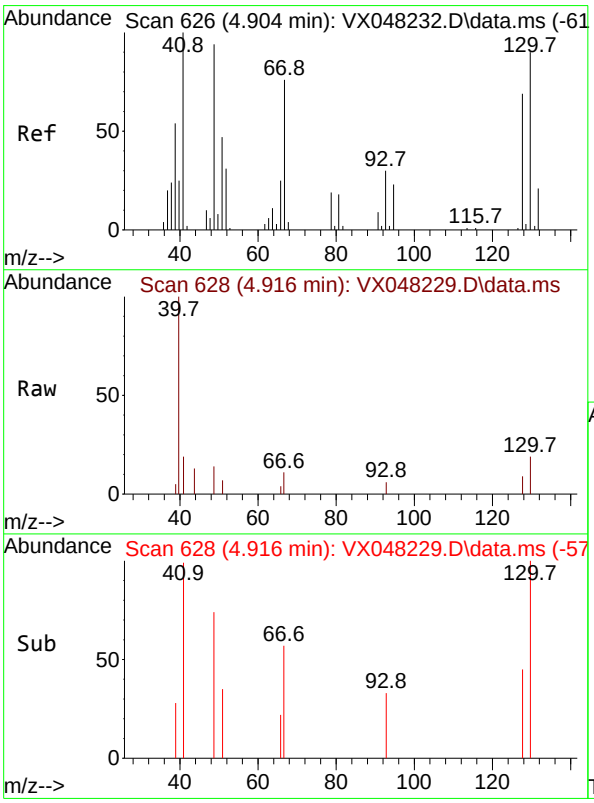
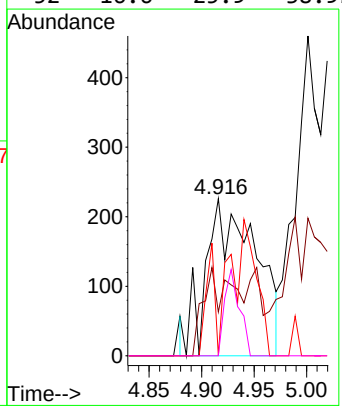


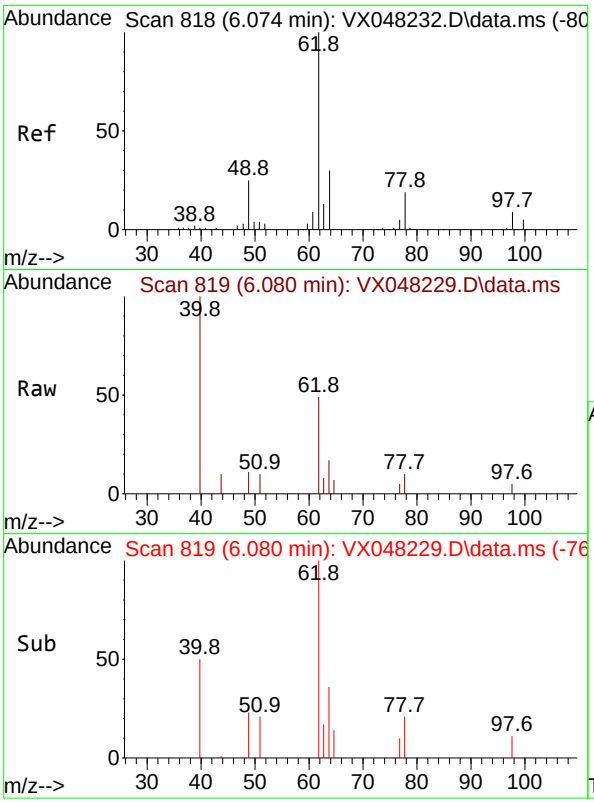




#41
Methacrylonitrile
Concen: 0.917 ug/l m
RT: 4.916 min Scan# 628
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 17.0 | 44.0 | 66.0# |
| 67 | 12.3 | 58.7 | 88.1# |
| 52 | 16.6 | 25.9 | 38.9# |

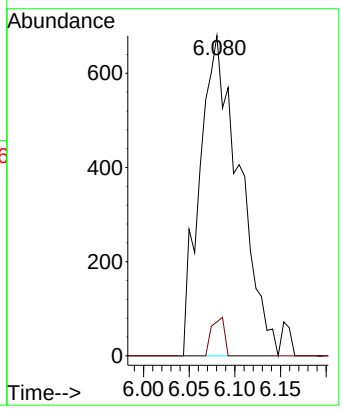





#42
1,2-Dichloroethane
Concen: 1.017 ug/l
RT: 6.080 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 62 Resp: 204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 3.9 | 0.0 | 17.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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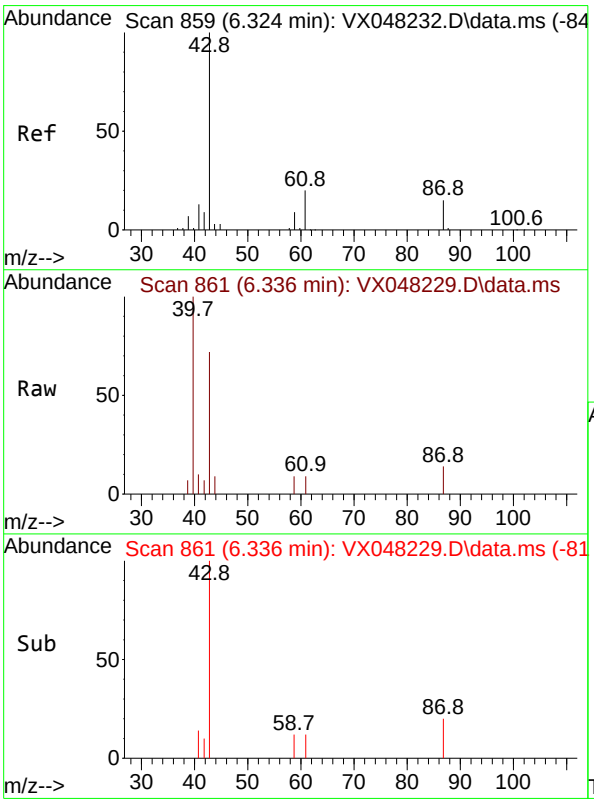
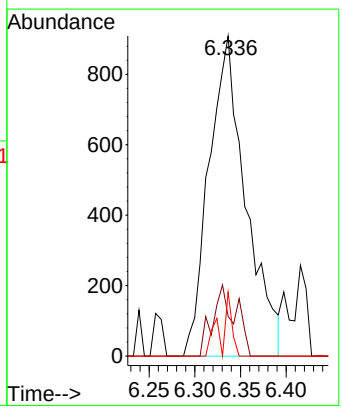
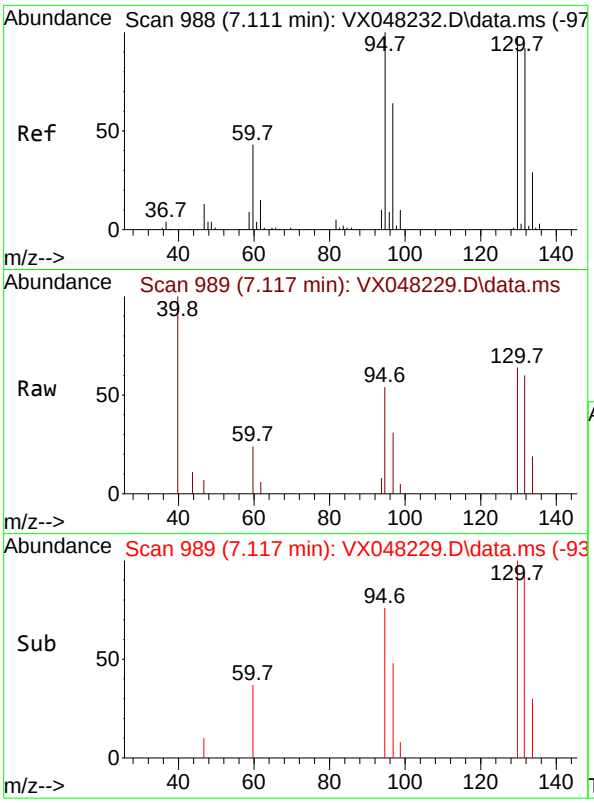



#43
Isopropyl Acetate
Concen: 1.006 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 2548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.8 | 14.9 | 22.3# |
| 87 | 3.4 | 9.4 | 14.2# |

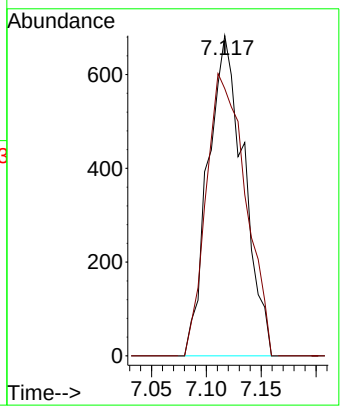





#44
Trichloroethene
Concen: 1.094 ug/l
RT: 7.117 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:130 Resp: 154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 83.5 | 0.0 | 200.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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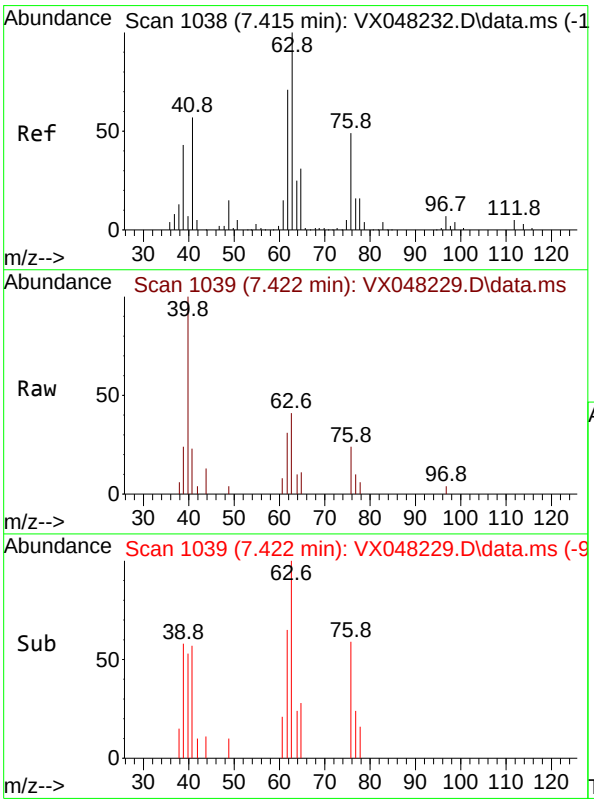
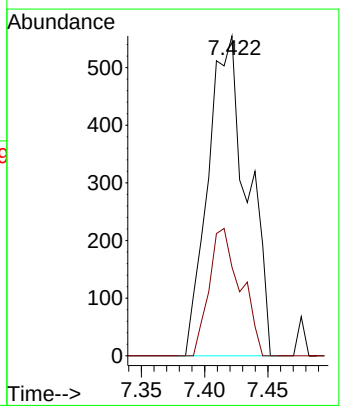
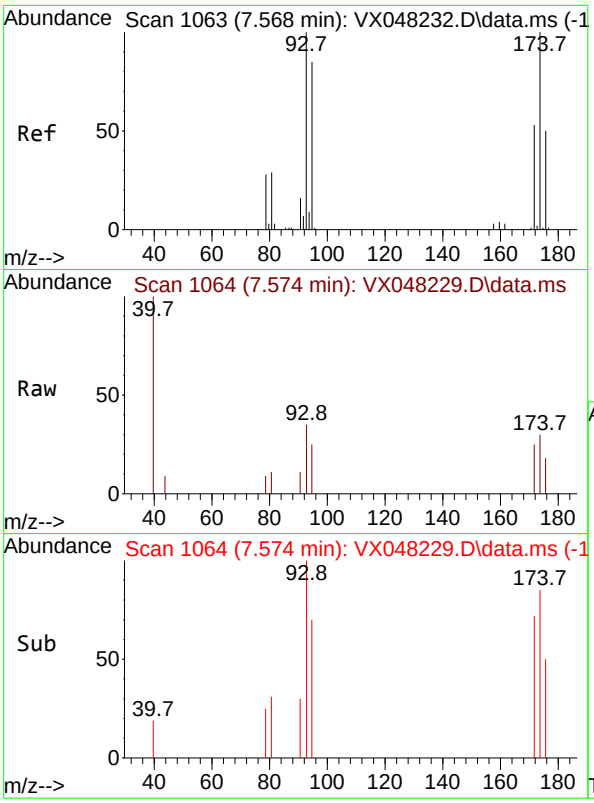



#45
1,2-Dichloropropane
Concen: 0.842 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 1195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 27.7 | 24.1 | 36.1 |

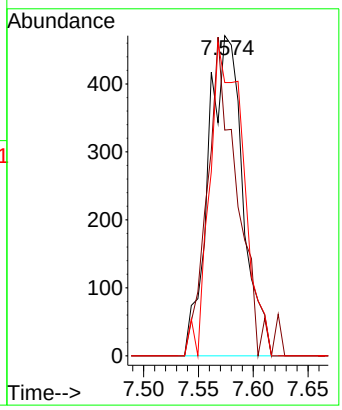





#46
Dibromomethane
Concen: 1.011 ug/l
RT: 7.574 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 93 Resp: 103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 86.4 | 65.9 | 98.9 |
| 174 | 95.3 | 71.7 | 107.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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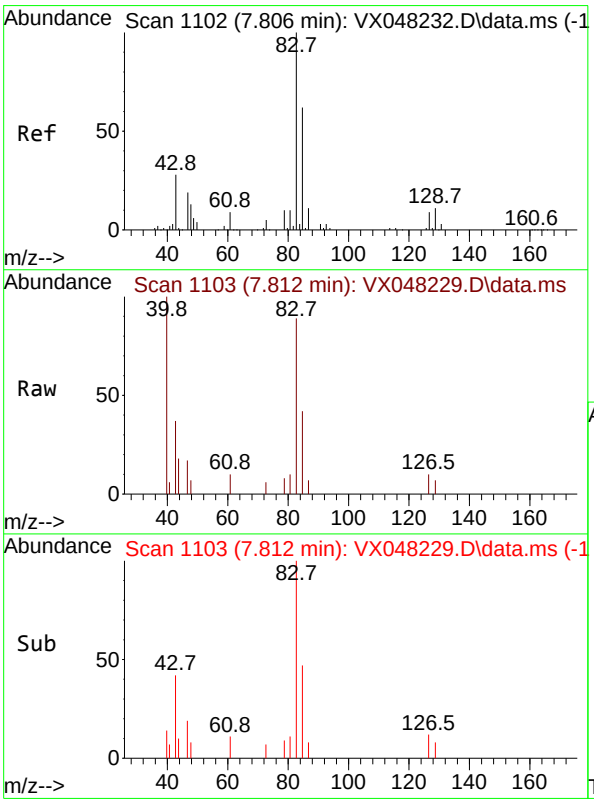
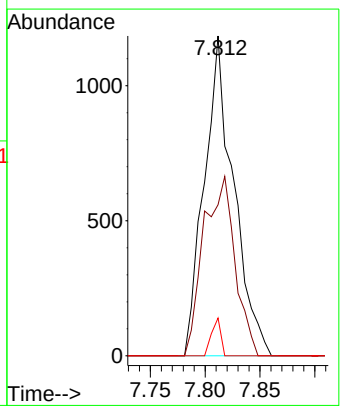
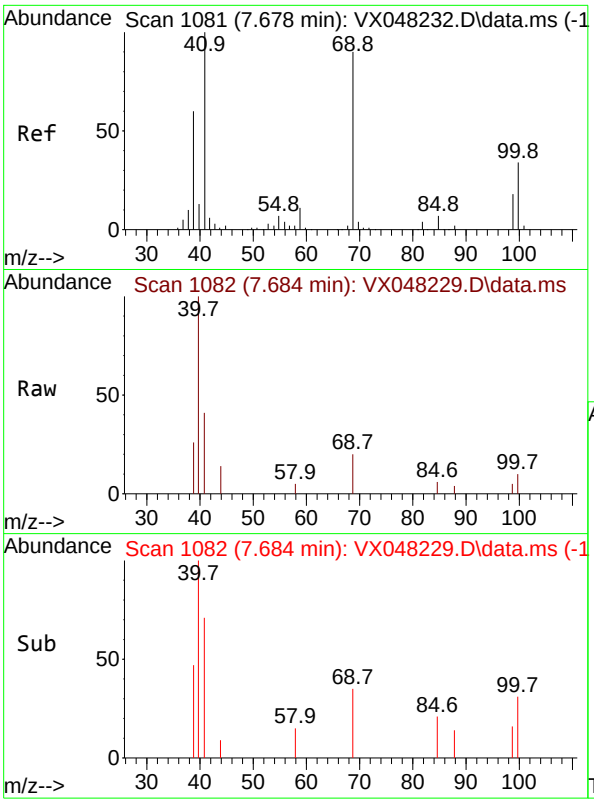



#47
Bromodichloromethane
Concen: 0.999 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 2204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 47.2 | 52.2 | 78.4# |
| 127 | 11.8 | 7.3 | 10.9# |

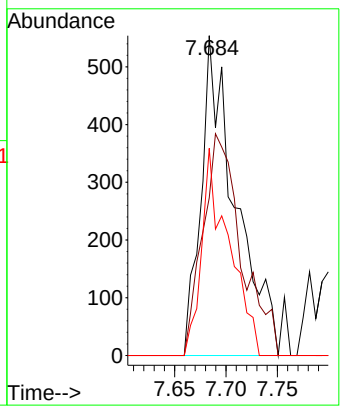





#48
Methyl methacrylate
Concen: 0.989 ug/l
RT: 7.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 77.6 | 63.4 | 95.0 |
| 39 | 51.7 | 47.1 | 70.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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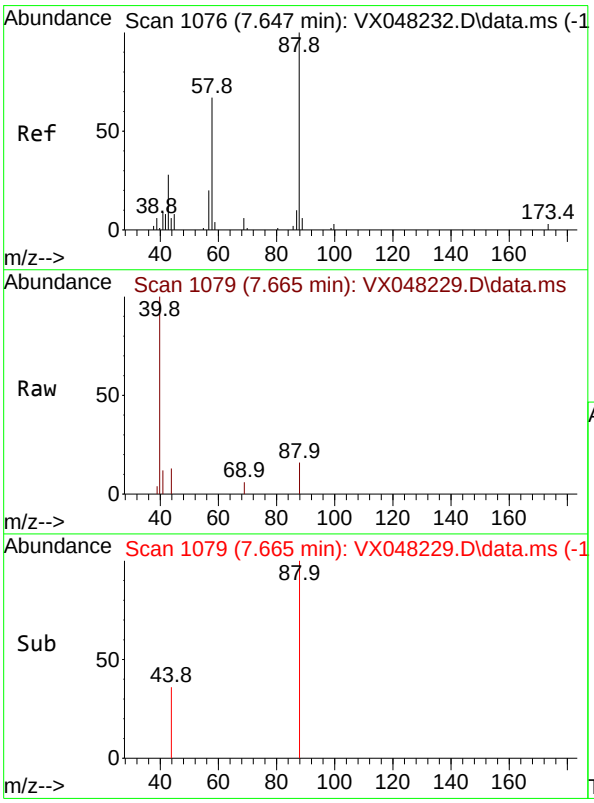
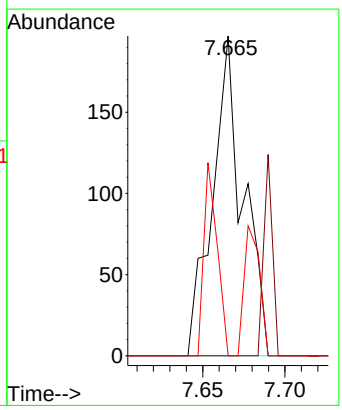
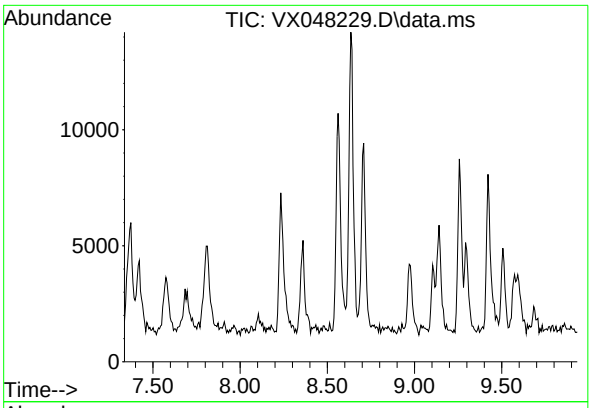



#49
1,4-Dioxane
Concen: 21.840 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.024 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 88 Resp: 255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 35.0 | 52.4# |
| 58 | 20.8 | 61.9 | 92.9# |






#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.63 min

Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 98

| Sig | Exp Ratio |
|---|---|
| 98 | 100 |
| 100 | 66.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations**
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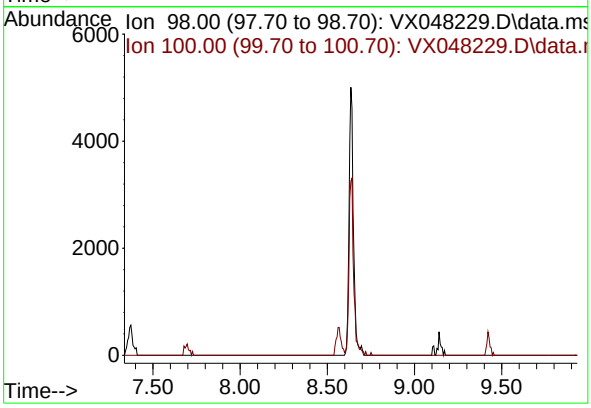
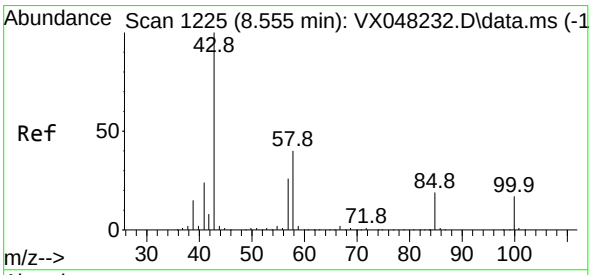
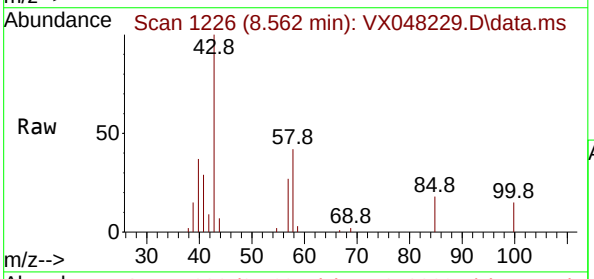
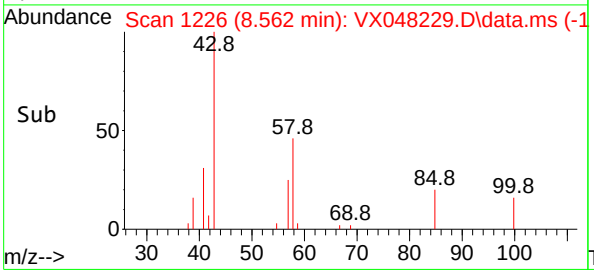


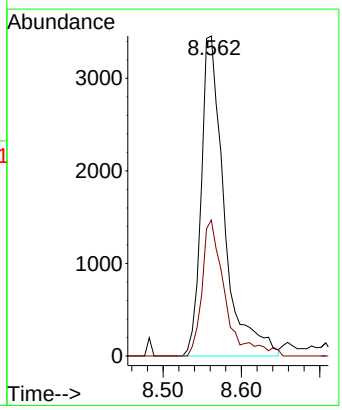



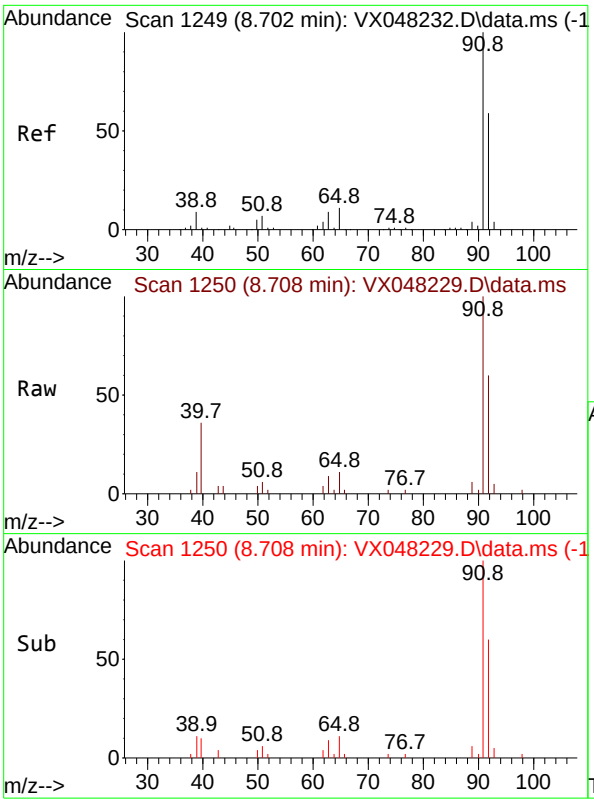




#51
4-Methyl-2-Pentanone
Concen: 5.011 ug/l
RT: 8.562 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 7066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.1 | 29.5 | 44.3 |

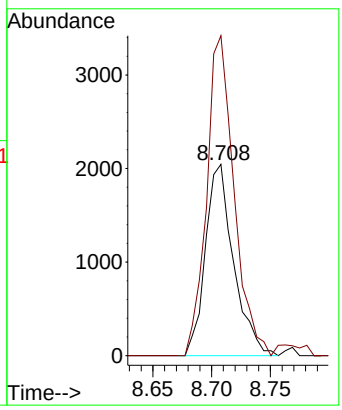





#52
Toluene
Concen: 1.010 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 92 Resp: 340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 162.8 | 136.1 | 204.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

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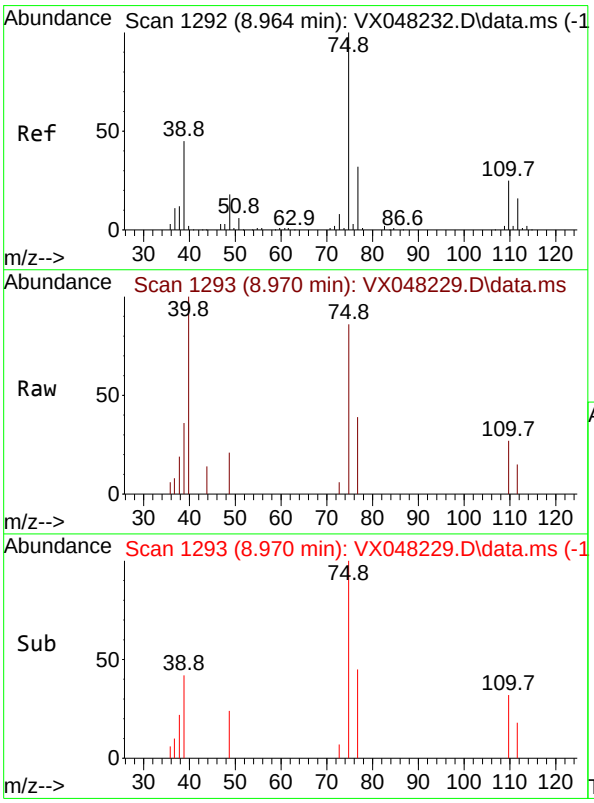
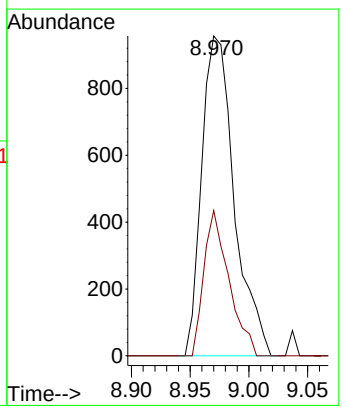
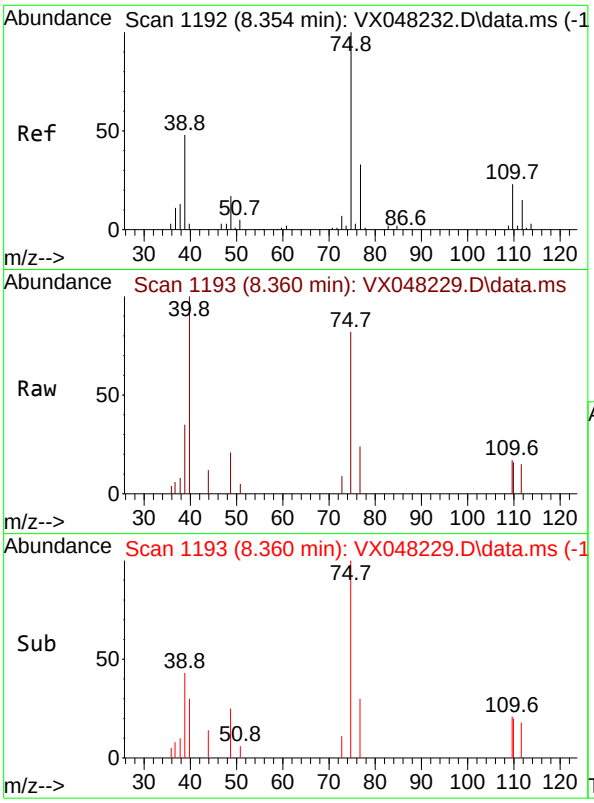



#53
t-1,3-Dichloropropene
Concen: 0.892 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 1844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.5 | 25.0 | 37.6# |

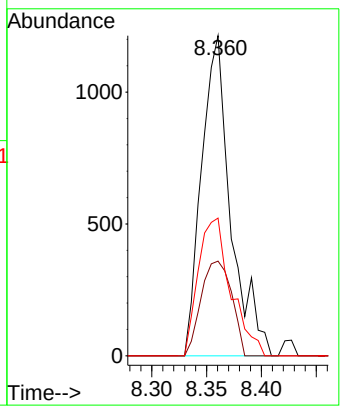





#54
cis-1,3-Dichloropropene
Concen: 0.998 ug/l
RT: 8.360 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 225

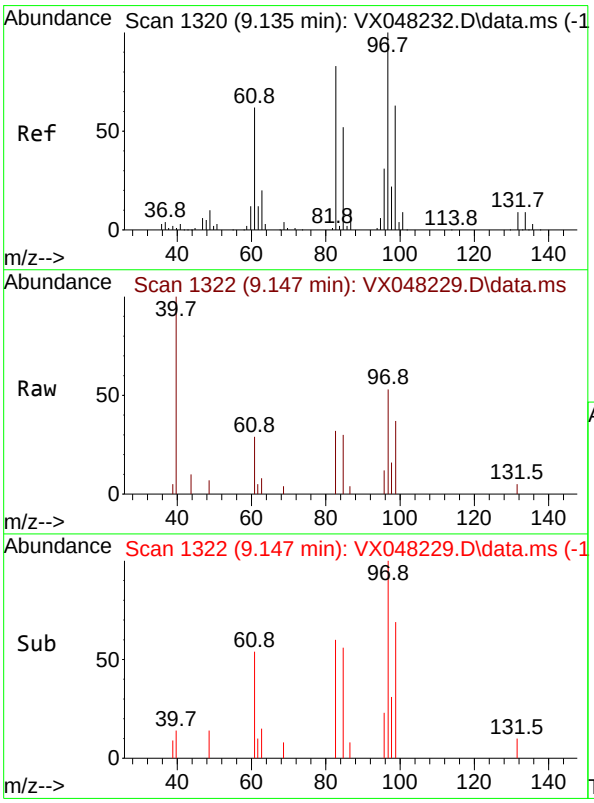
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.6 | 24.9 | 37.3 |
| 39 | 43.0 | 42.6 | 64.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations**
**APPROVED**

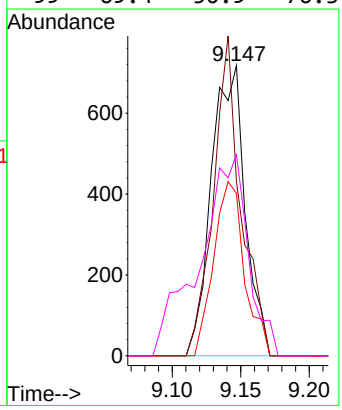
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

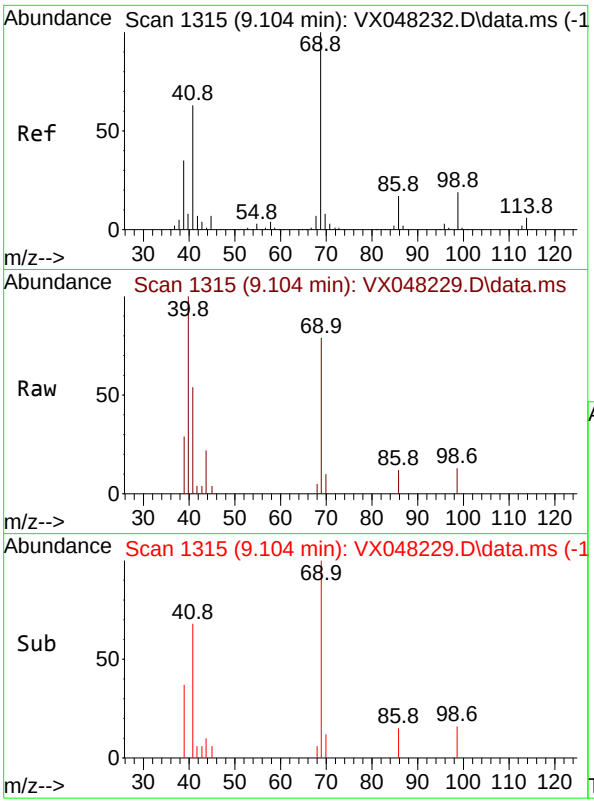



#55
1,1,2-Trichloroethane
Concen: 0.977 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 97 Resp: 1229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 60.2 | 70.6 | 105.8# |
| 85 | 56.0 | 45.0 | 67.6 |
| 99 | 69.4 | 50.9 | 76.3 |

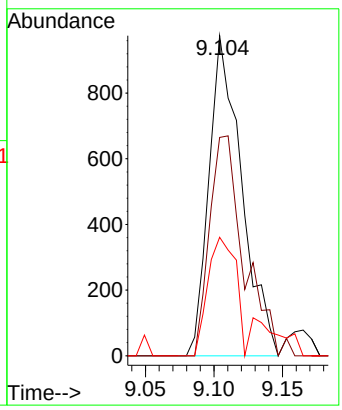





#56
Ethyl methacrylate
Concen: 0.945 ug/l
RT: 9.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 69 Resp: 161

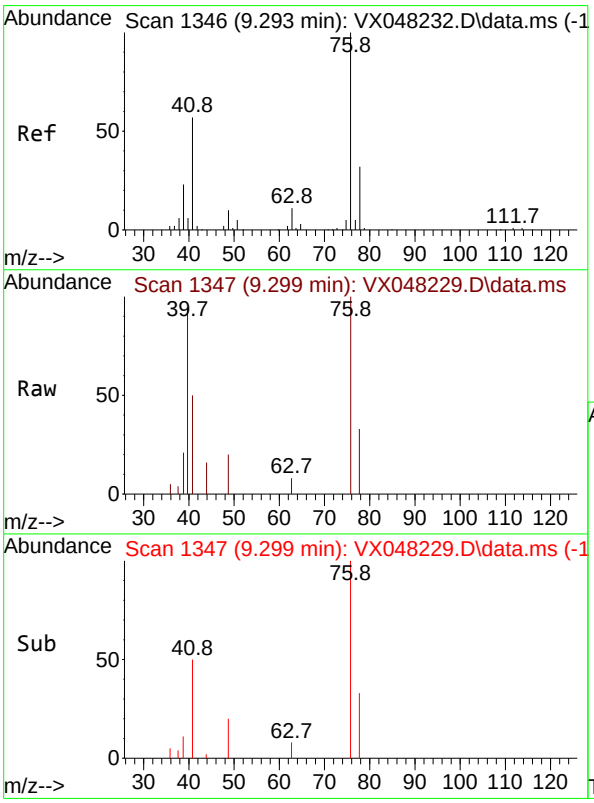
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 73.0 | 56.0 | 84.0 |
| 39 | 36.5 | 31.6 | 47.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

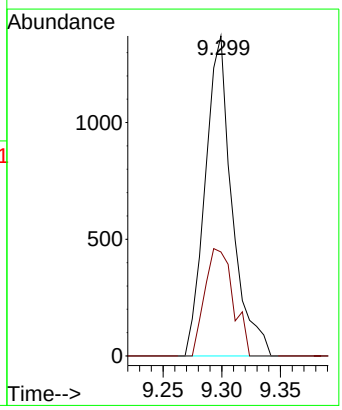
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

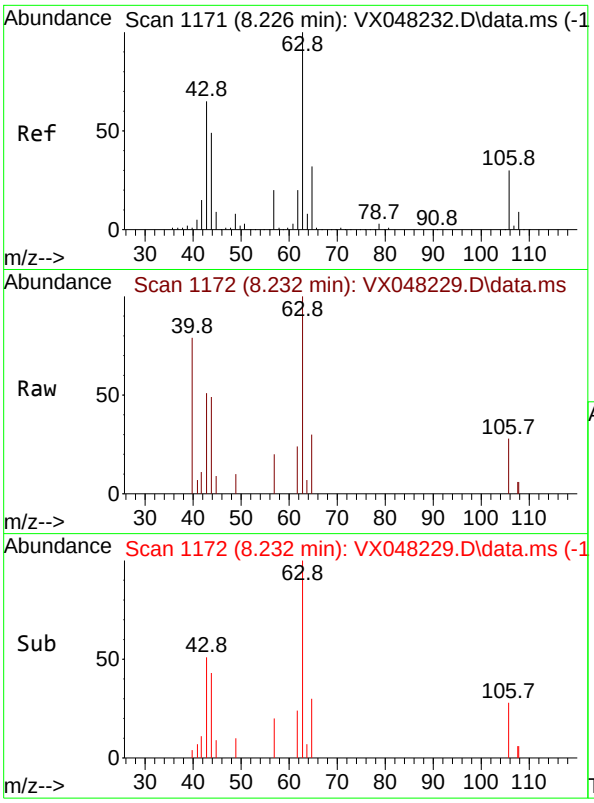



#57
1,3-Dichloropropane
Concen: 0.989 ug/l
RT: 9.299 min Scan# 1347
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 76 Resp: 2174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 35.5 | 25.4 | 38.0 |






#58
2-Chloroethyl Vinyl ether
Concen: 3.381 ug/l
RT: 8.232 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

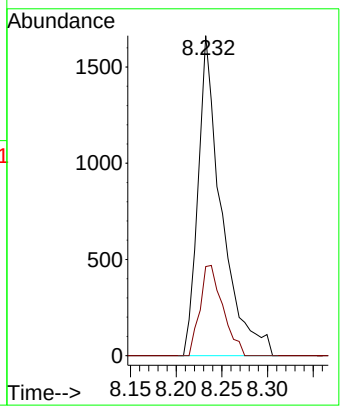
Tgt Ion: 63 Resp: 297

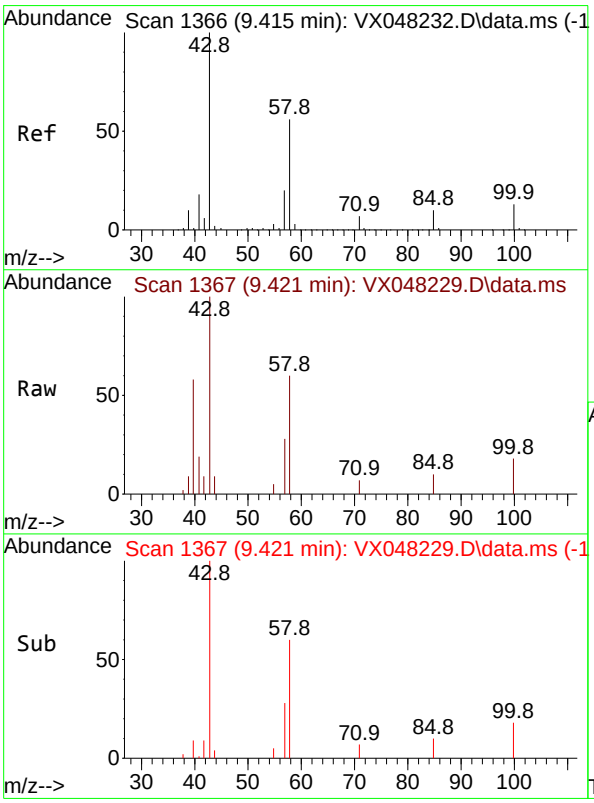
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.5 | 22.2 | 33.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

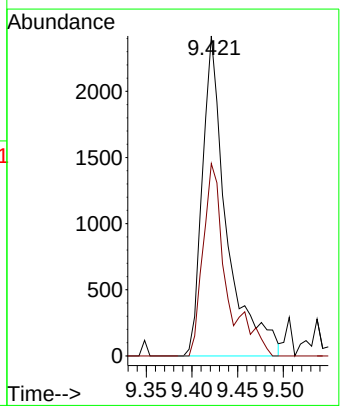


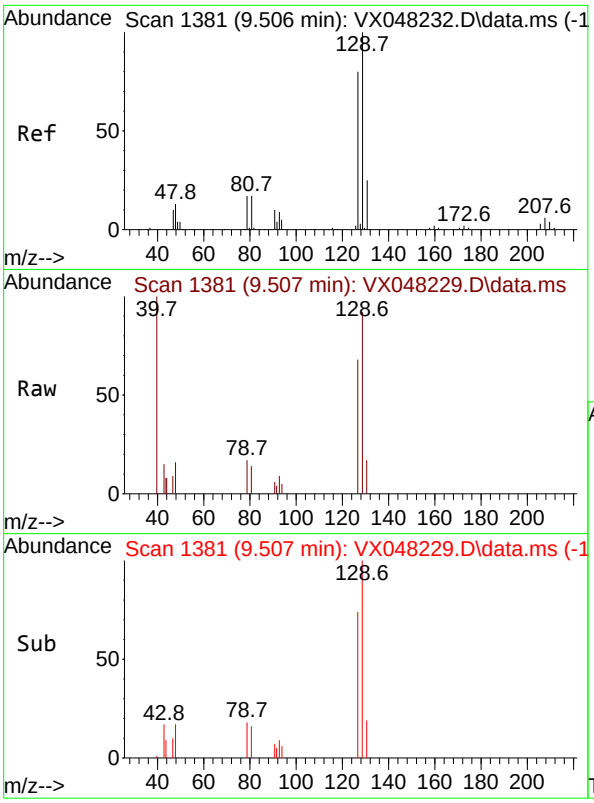




#59
2-Hexanone
Concen: 4.518 ug/l
RT: 9.421 min Scan# 1367
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 4456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 58.1 | 26.3 | 78.8 |

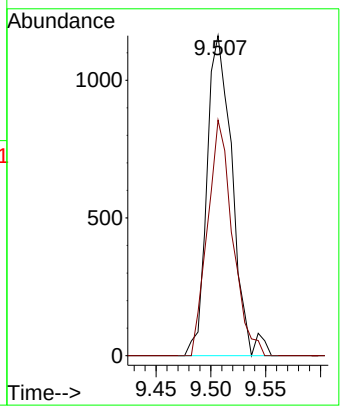





#60
Dibromochloromethane
Concen: 1.183 ug/l
RT: 9.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:129 Resp: 186

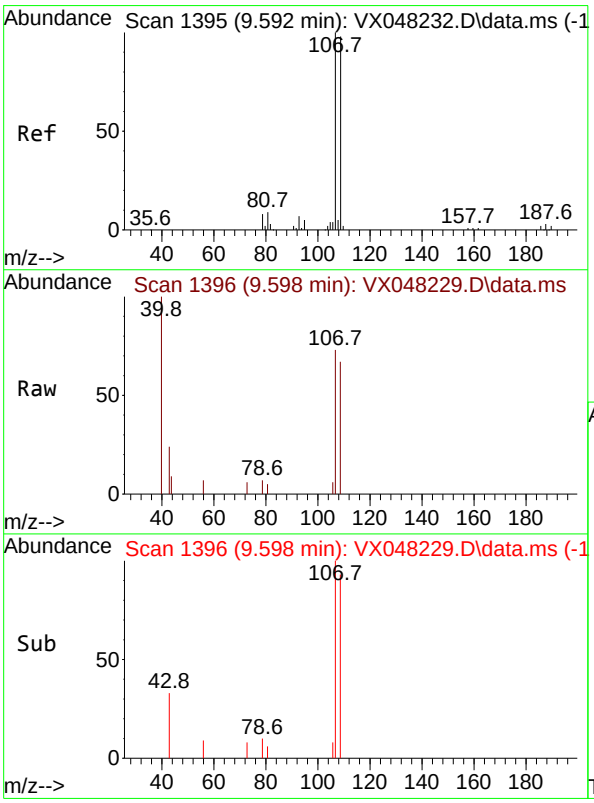
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 72.9 | 38.6 | 115.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

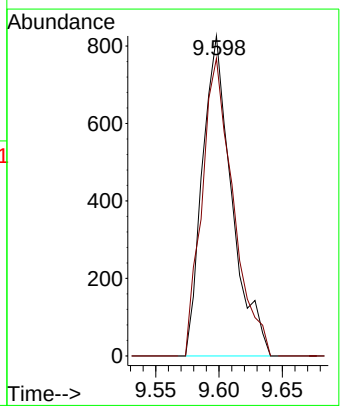
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

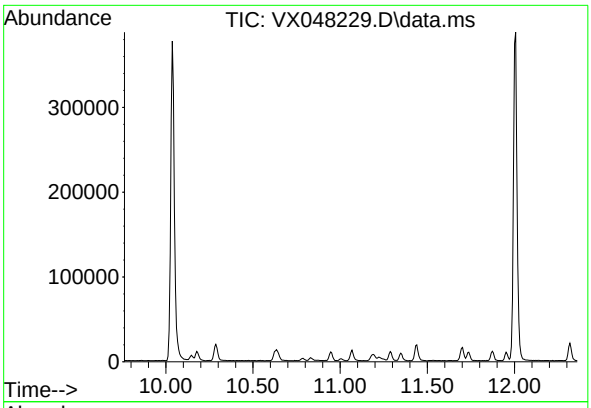



#61
1,2-Dibromoethane
Concen: 1.037 ug/l
RT: 9.598 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:107 Resp: 1338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 98.6 | 77.0 | 115.4 |






#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.06 min

Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

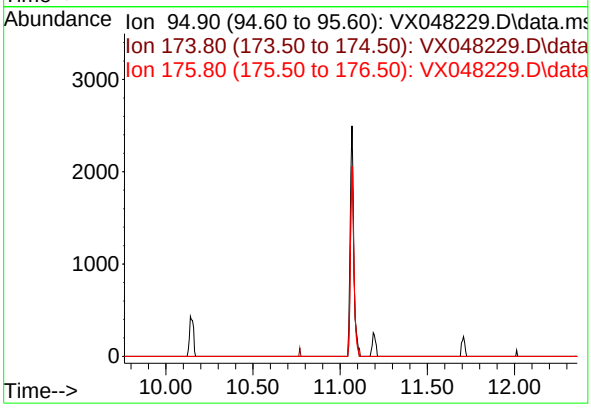
Tgt Ion: 95

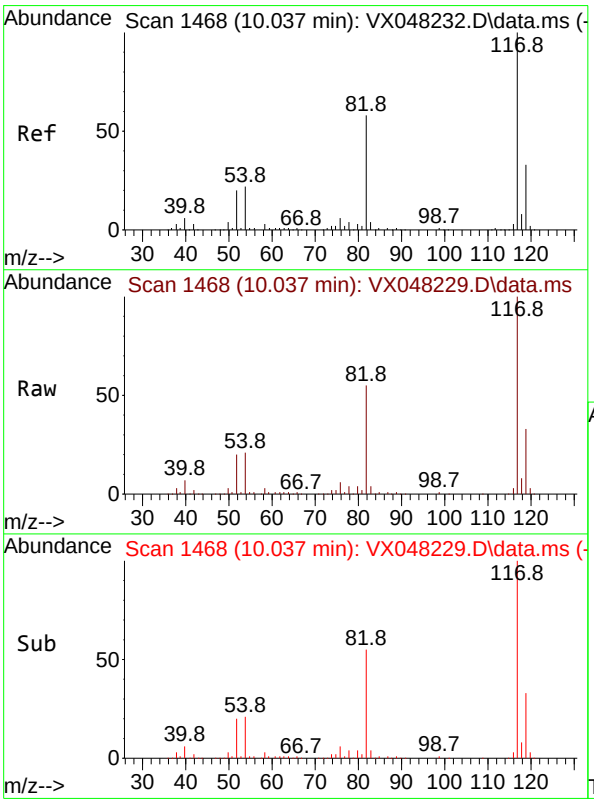
| Sig | Exp Ratio |
|---|---|
| 95 | 100 |
| 174 | 73.9 |
| 176 | 71.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

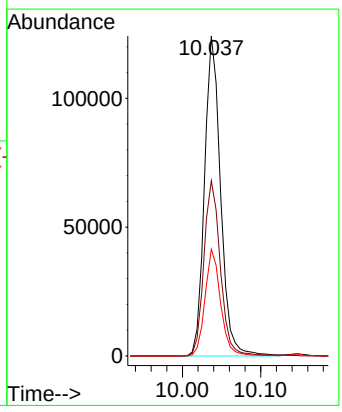


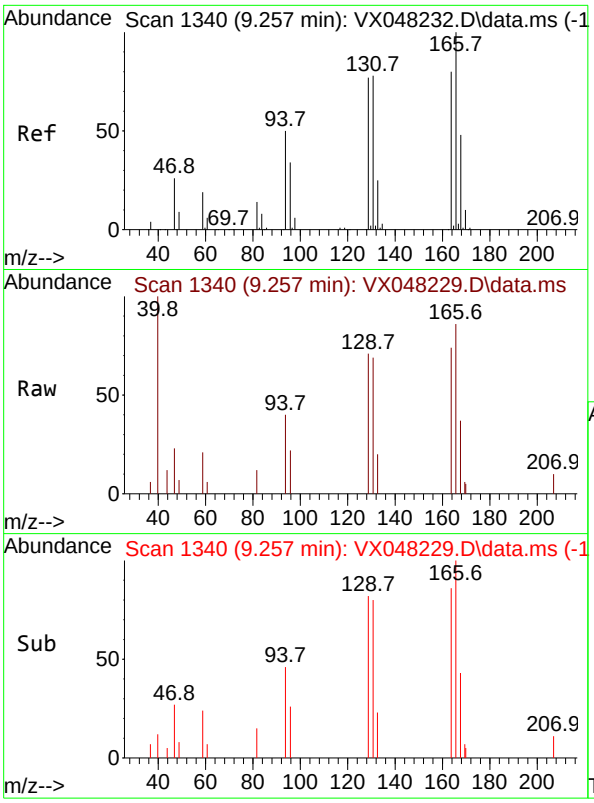




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 177252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.8 | 46.5 | 69.7 |
| 119 | 33.3 | 25.9 | 38.9 |

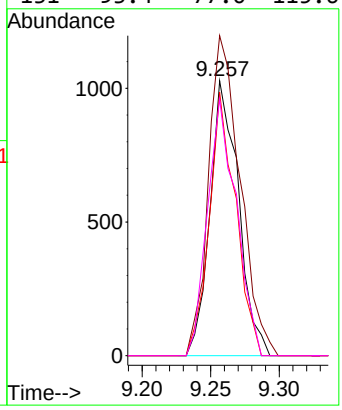





#64
Tetrachloroethene
Concen: 1.192 ug/l
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:164 Resp: 148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 116.4 | 104.5 | 156.7 |
| 129 | 95.9 | 81.8 | 122.6 |
| 131 | 93.4 | 77.0 | 115.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations**
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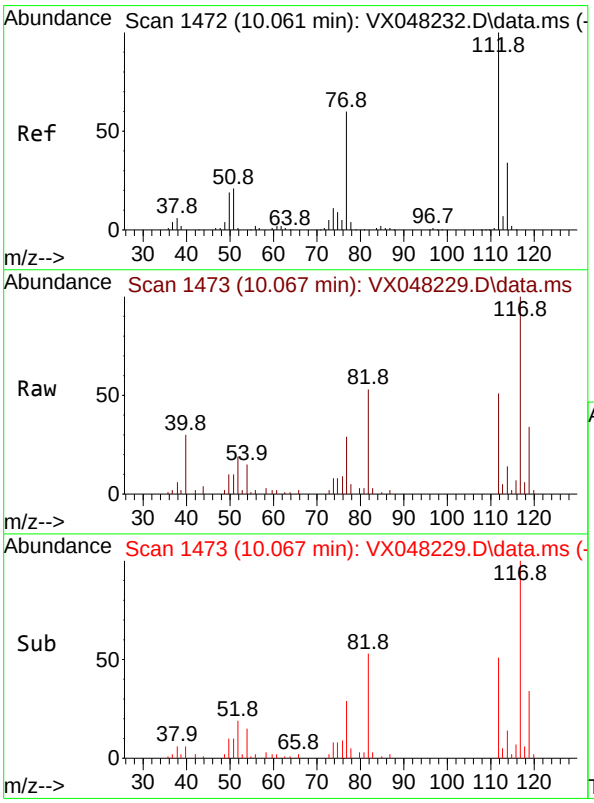
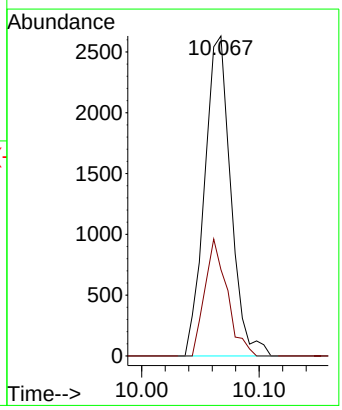
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

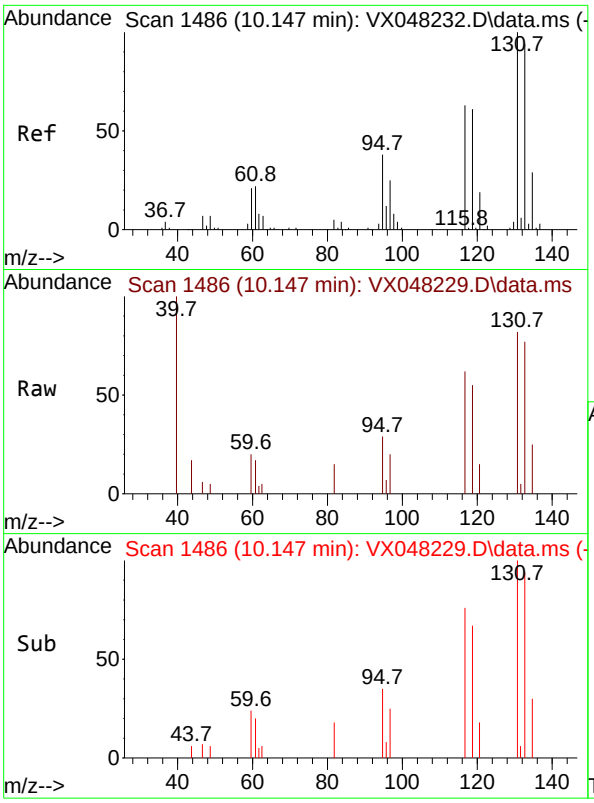



#65
Chlorobenzene
Concen: 1.051 ug/l
RT: 10.067 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:112 Resp: 4073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 27.0 | 26.2 | 39.2 |

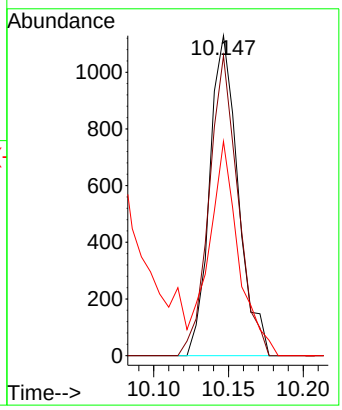





#66
1,1,1,2-Tetrachloroethane
Concen: 1.070 ug/l
RT: 10.147 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:131 Resp: 149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.1 | 47.6 | 142.8 |
| 119 | 0.0 | 32.5 | 97.5# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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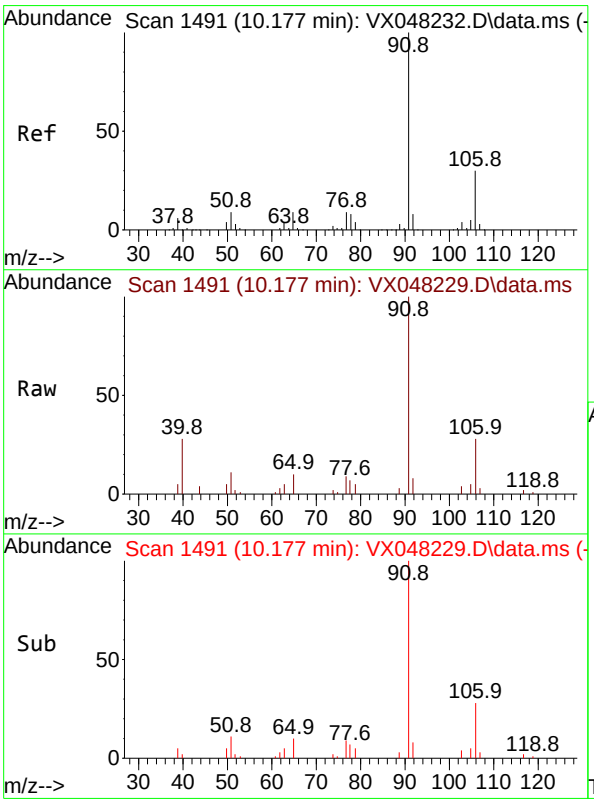
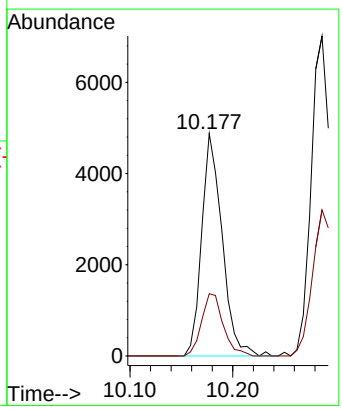
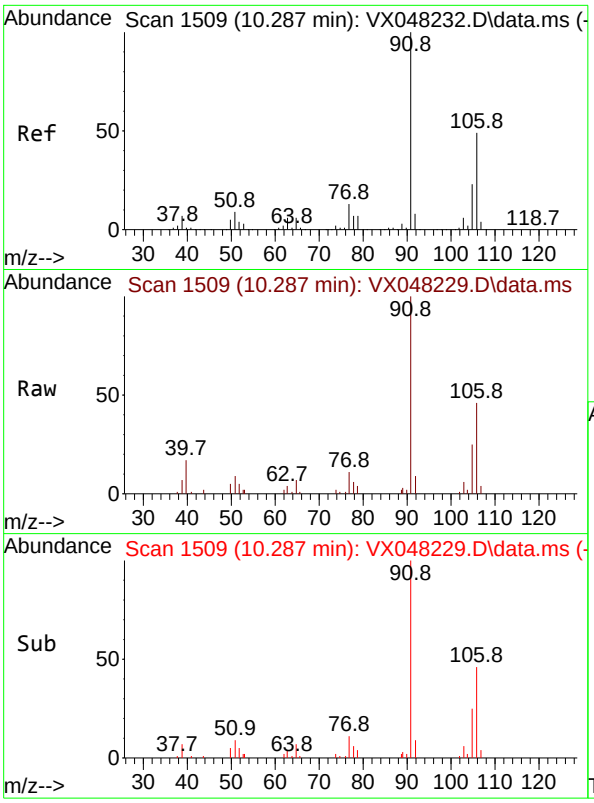



#67
Ethyl Benzene
Concen: 1.016 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 6752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.0 | 23.8 | 35.6 |

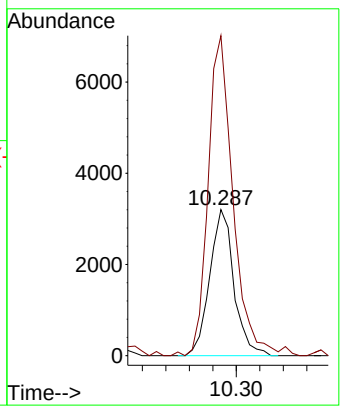





#68
m/p-Xylenes
Concen: 1.854 ug/l
RT: 10.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:106 Resp: 458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 225.6 | 167.9 | 251.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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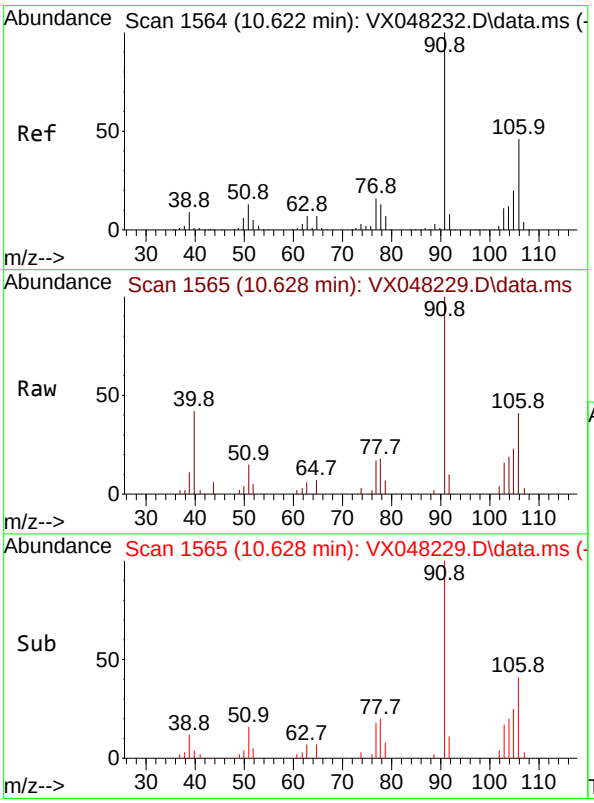
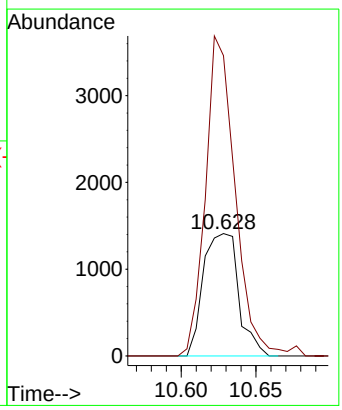
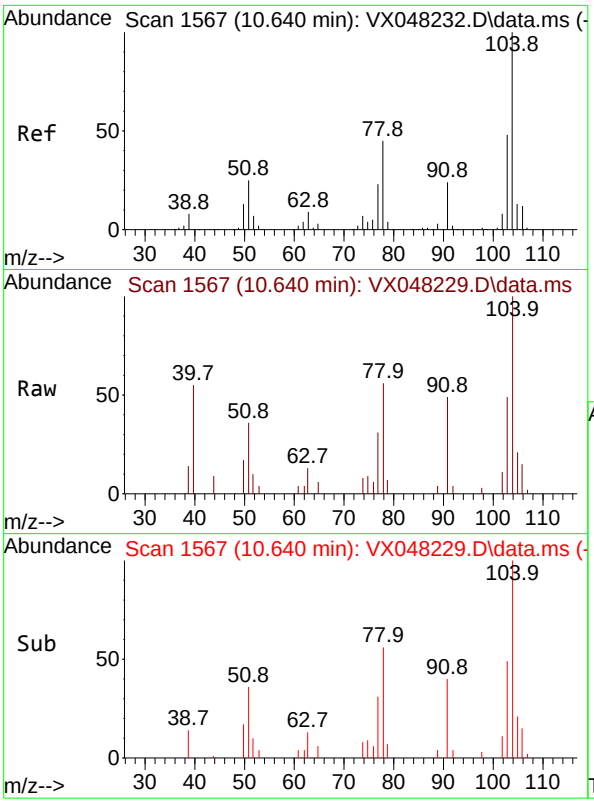



#69
o-Xylene
Concen: 0.993 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:106 Resp: 2313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.2 | 111.3 | 333.9 |

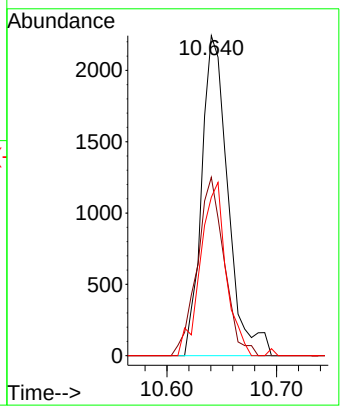





#70
Styrene
Concen: 0.932 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:104 Resp: 373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 57.1 | 42.2 | 63.4 |
| 103 | 52.6 | 43.0 | 64.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

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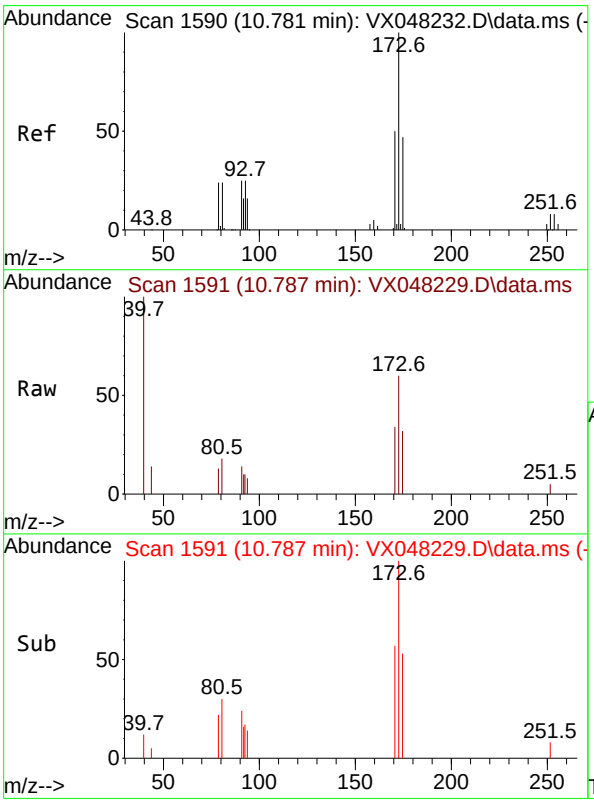
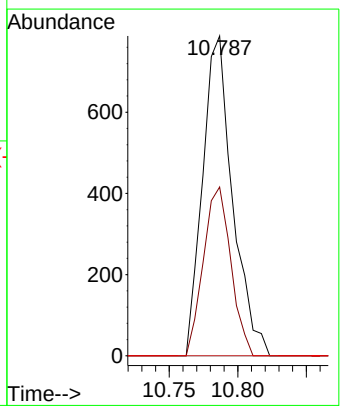
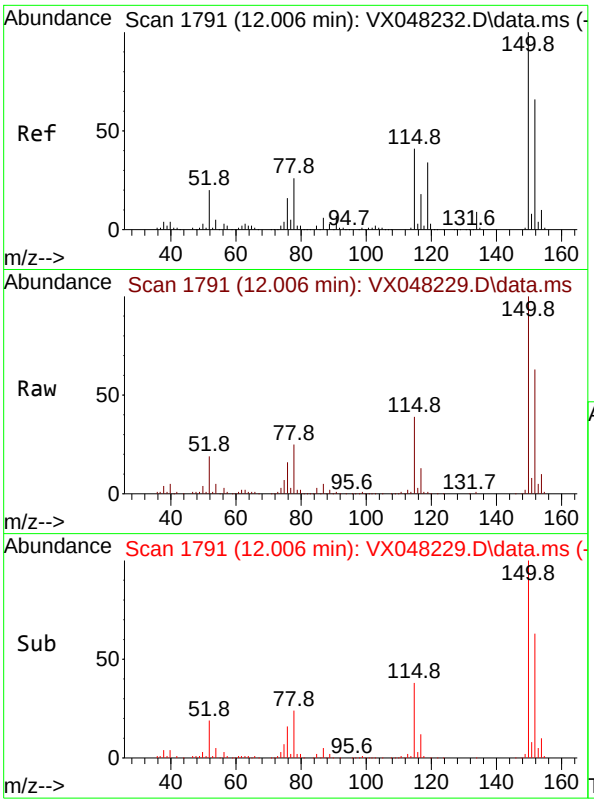



#71
Bromoform
Concen: 1.168 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:173 Resp: 1198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

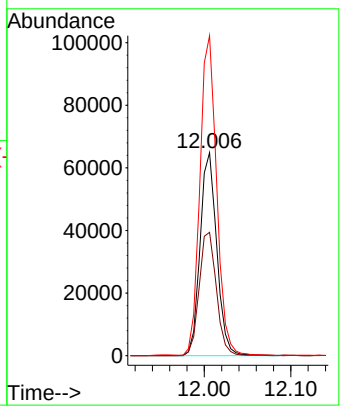





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:152 Resp: 8694

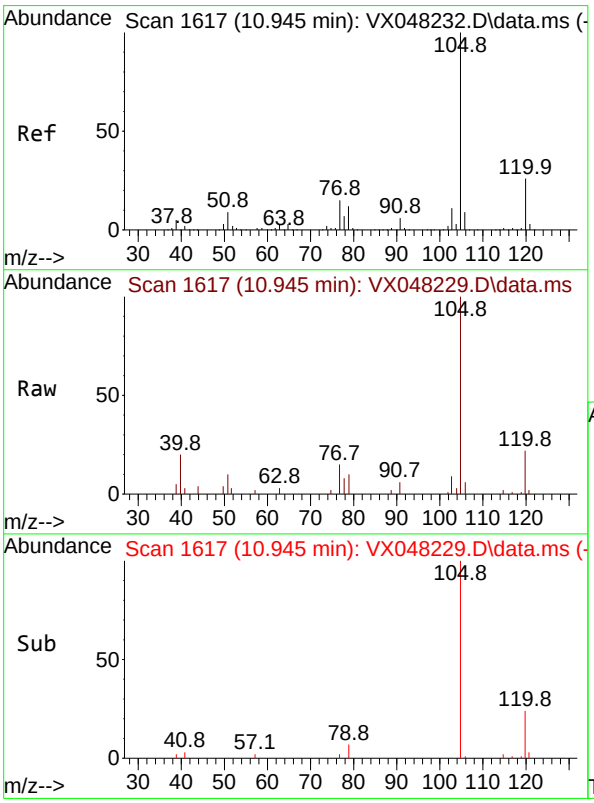
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.0 | 43.1 | 129.4 |
| 150 | 158.2 | 0.0 | 353.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

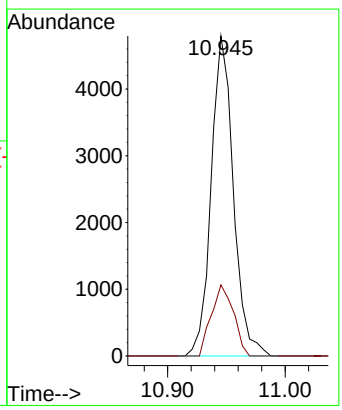
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

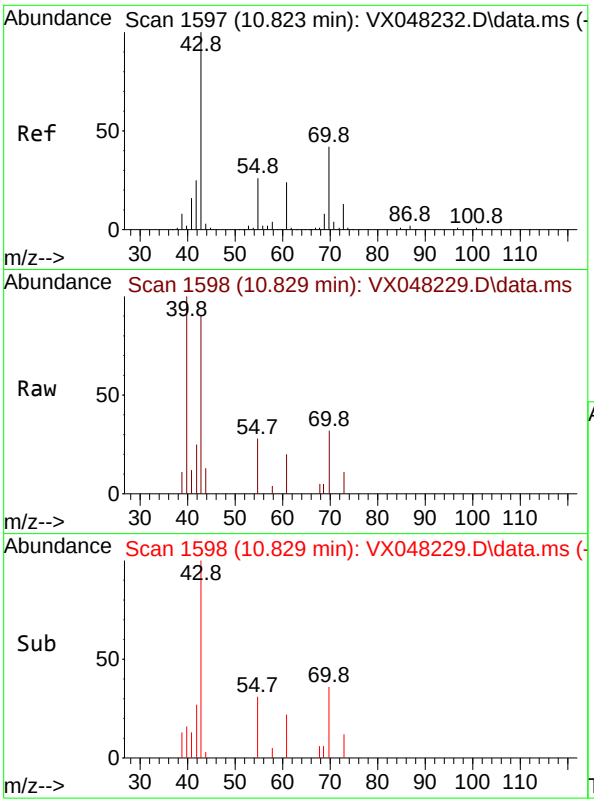



#73
Isopropylbenzene
Concen: 1.040 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 6291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 22.2 | 13.0 | 38.9 |

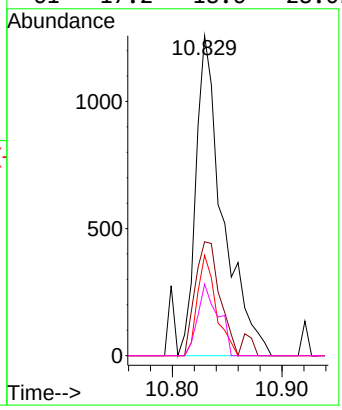





#74
N-amyl acetate
Concen: 0.947 ug/l
RT: 10.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 213

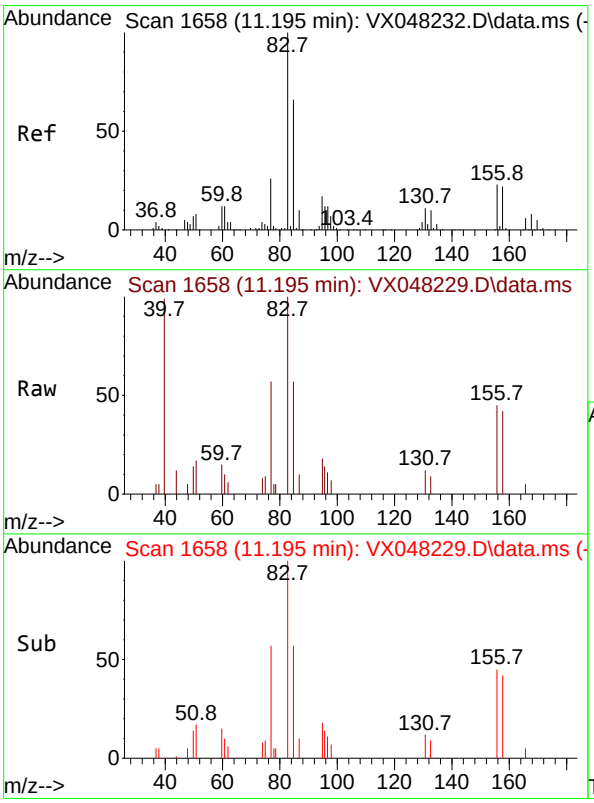
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 32.8 | 32.2 | 48.2 |
| 55 | 22.0 | 19.1 | 28.7 |
| 61 | 17.2 | 18.6 | 28.0# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

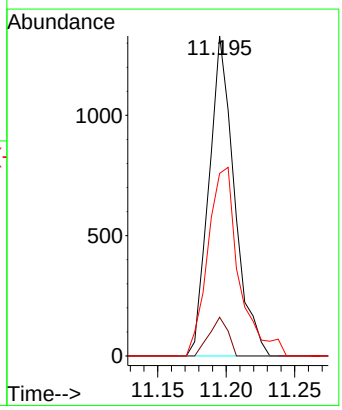
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

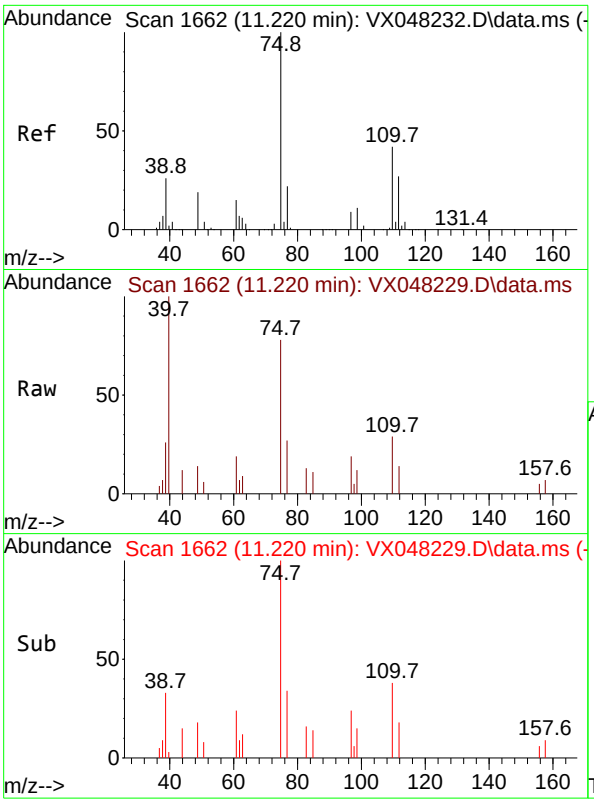



#75
1,1,2,2-Tetrachloroethane
Concen: 1.003 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 1718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.9 | 4.8 | 14.4 |
| 85 | 72.1 | 31.9 | 95.7 |

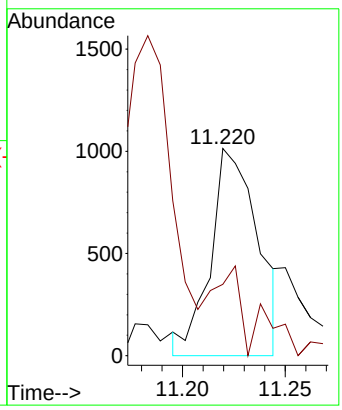





#76
1,2,3-Trichloropropane
Concen: 1.216 ug/l m
RT: 11.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.2 | 22.4 | 67.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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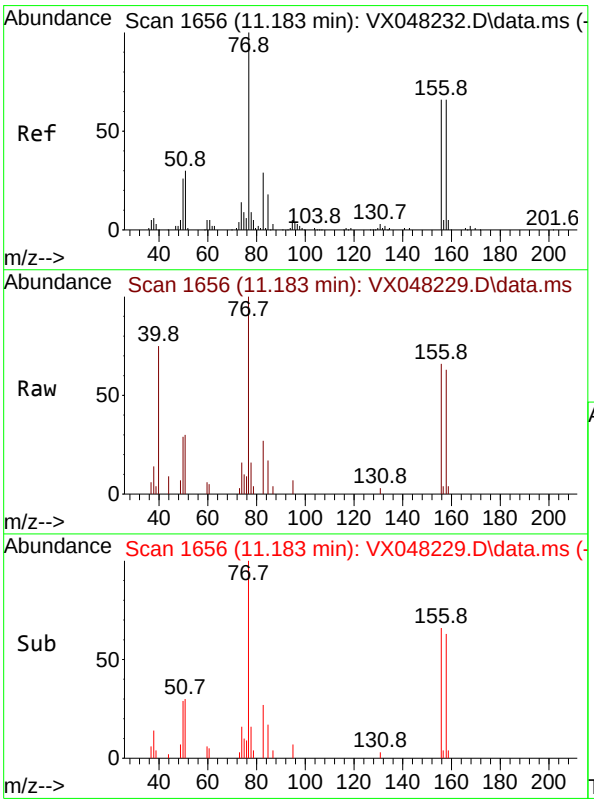
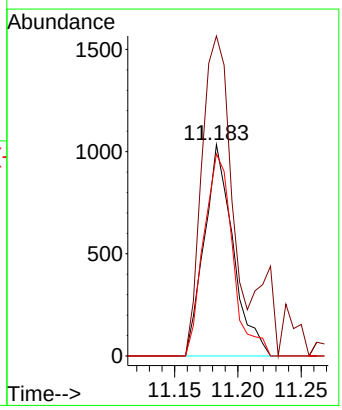
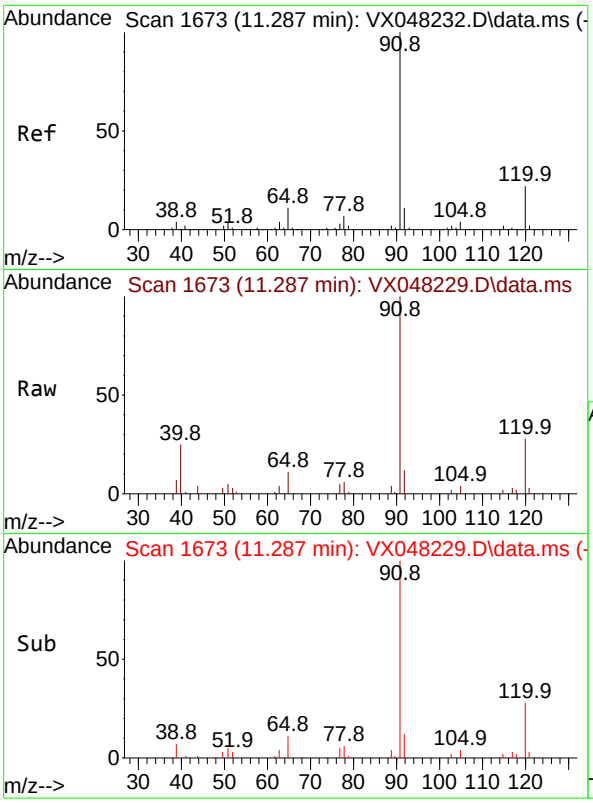



#77
Bromobenzene
Concen: 1.080 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:156 Resp: 1635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 155.2 | 87.0 | 261.0 |
| 158 | 96.4 | 47.8 | 143.4 |

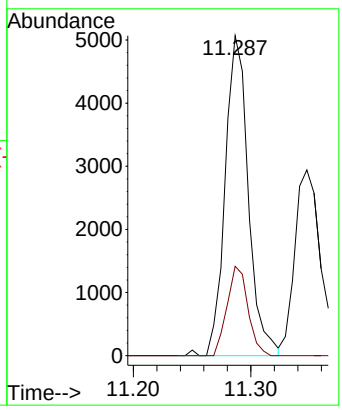





#78
n-propylbenzene
Concen: 0.949 ug/l
RT: 11.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.2 | 11.1 | 33.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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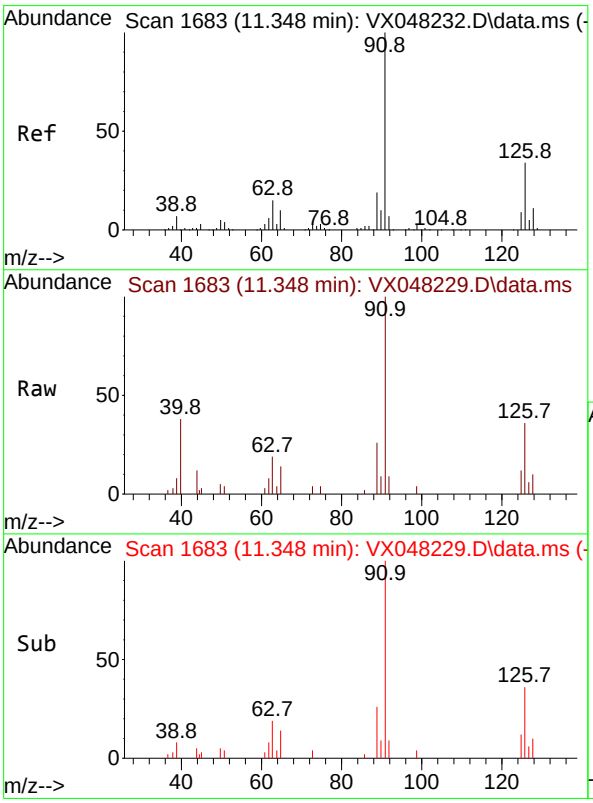
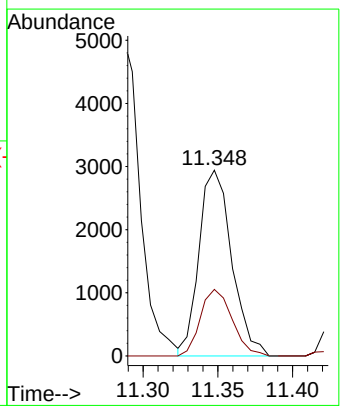
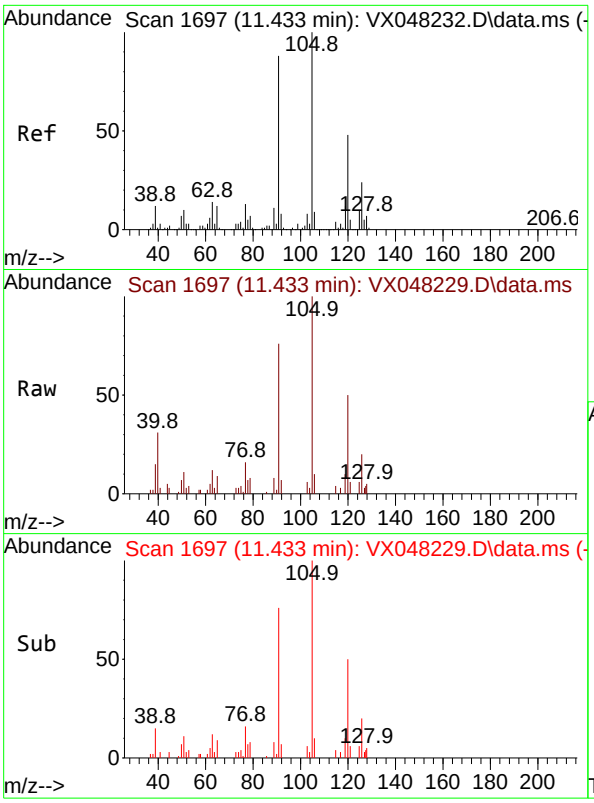



#79
2-Chlorotoluene
Concen: 1.010 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 4477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.8 | 16.4 | 49.4 |

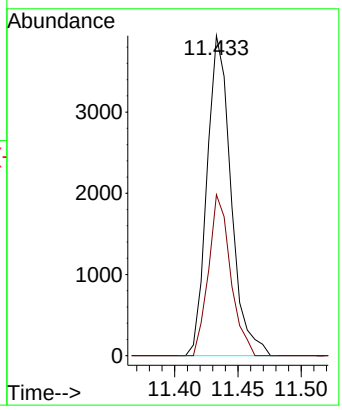





#80
1,3,5-Trimethylbenzene
Concen: 1.047 ug/l
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.2 | 24.0 | 72.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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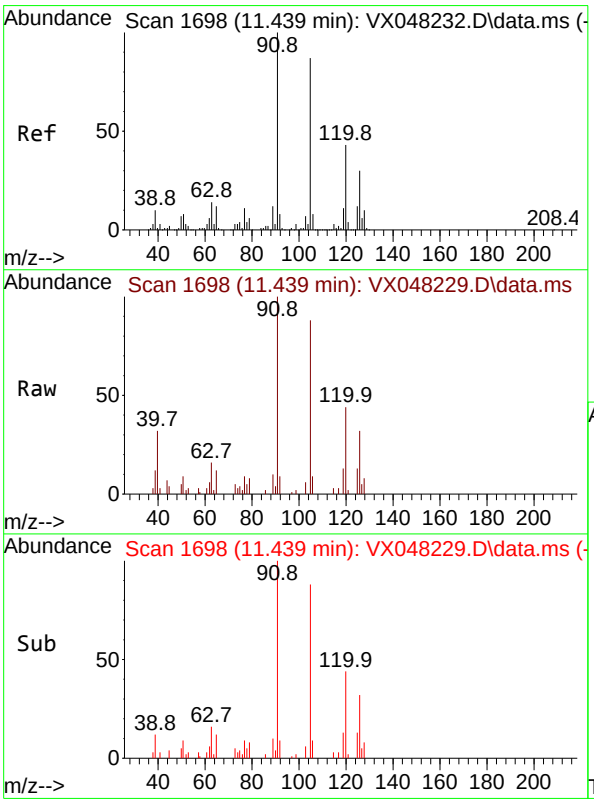
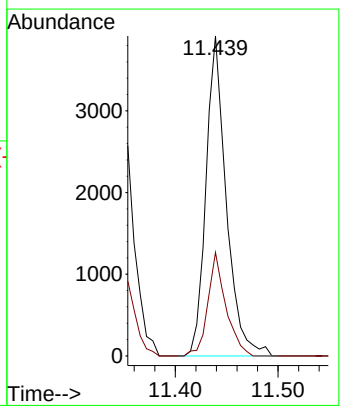
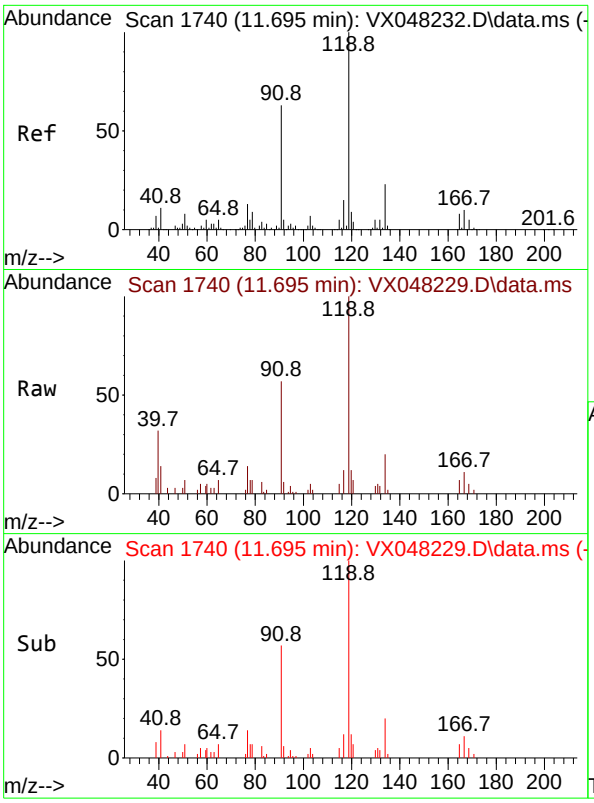



#82
4-Chlorotoluene
Concen: 1.034 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 5385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.7 | 14.1 | 42.4 |

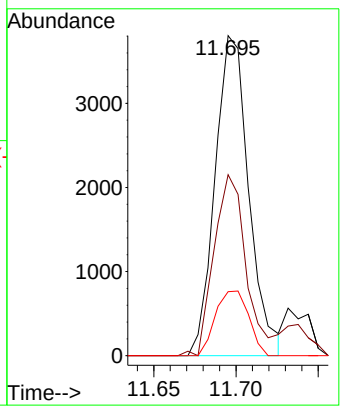





#83
tert-Butylbenzene
Concen: 1.085 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:119 Resp: 543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 53.0 | 30.3 | 91.0 |
| 134 | 19.9 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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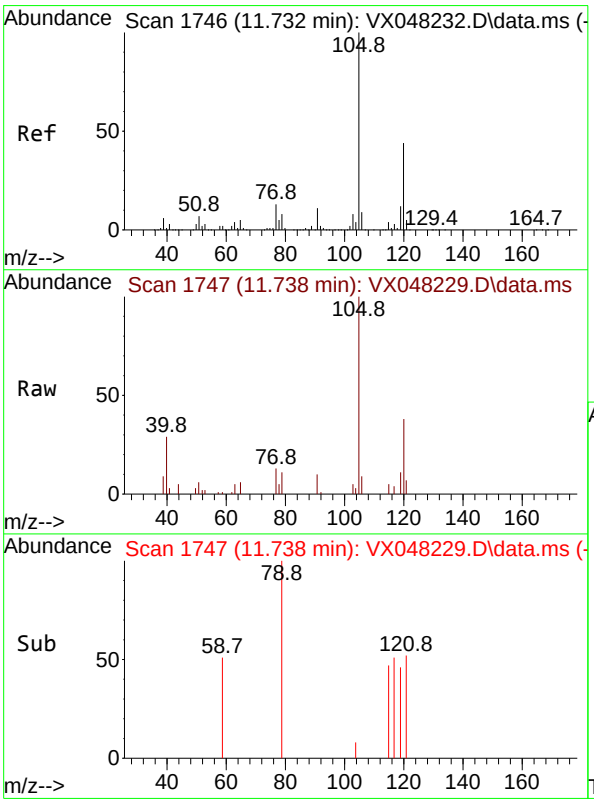
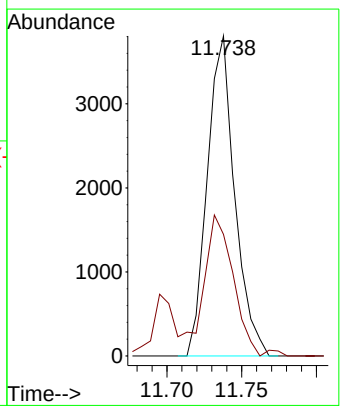
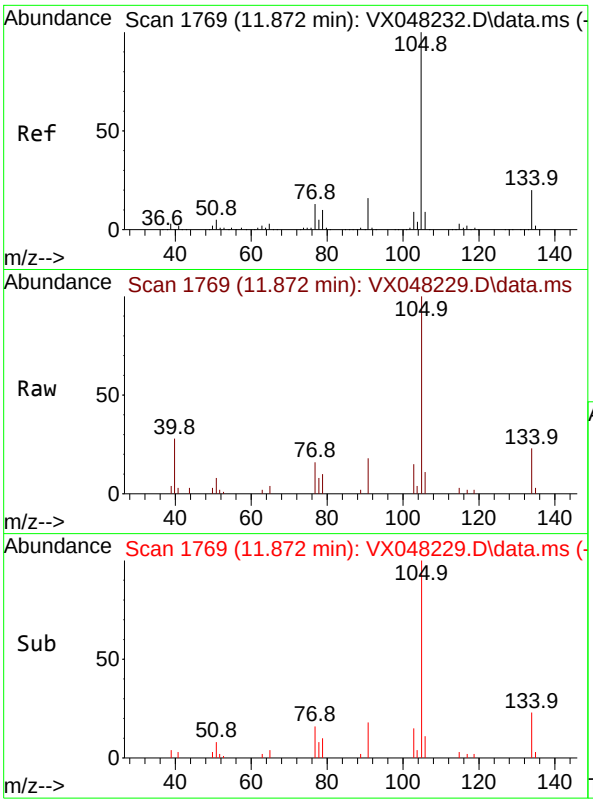



#84
1,2,4-Trimethylbenzene
Concen: 0.982 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 4854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.9 | 22.1 | 66.5 |






#85
sec-Butylbenzene
Concen: 1.075 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.4 | 10.1 | 30.1 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

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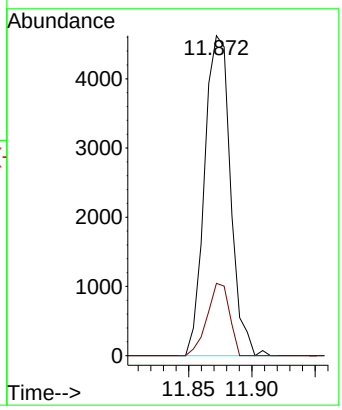
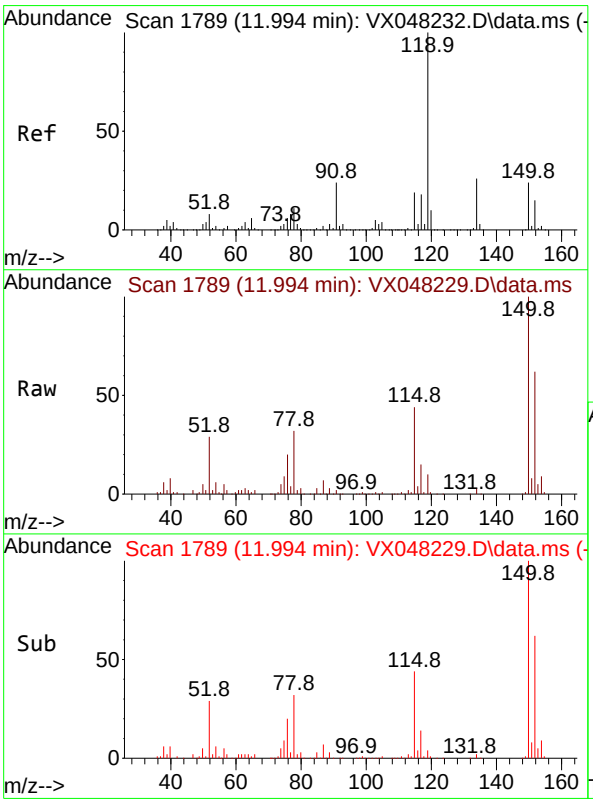
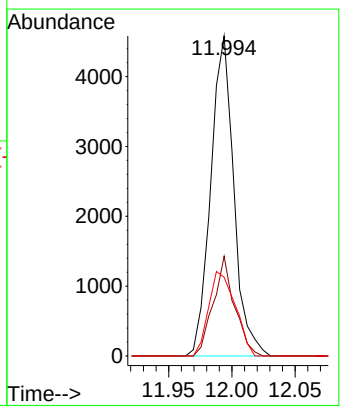


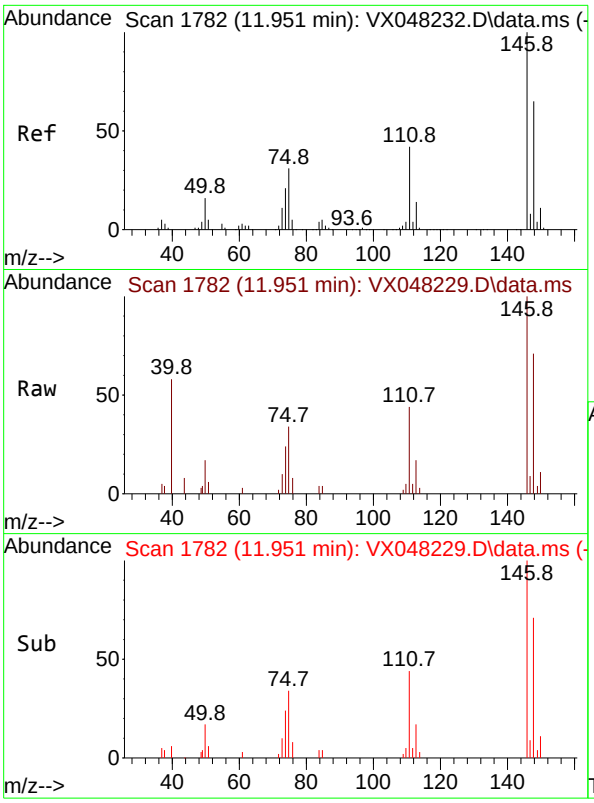




#86
p-Isopropyltoluene
Concen: 1.125 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:119 Resp: 5812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 28.8 | 13.0 | 39.0 |
| 91 | 30.5 | 12.1 | 36.3 |

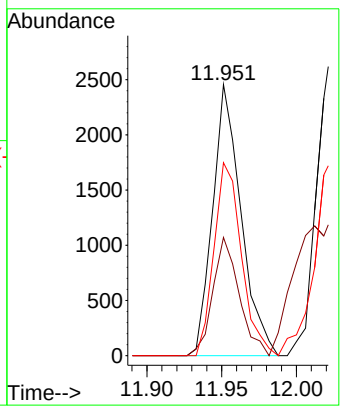





#87
1,3-Dichlorobenzene
Concen: 1.145 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:146 Resp: 323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.4 | 61.2 |
| 148 | 68.9 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

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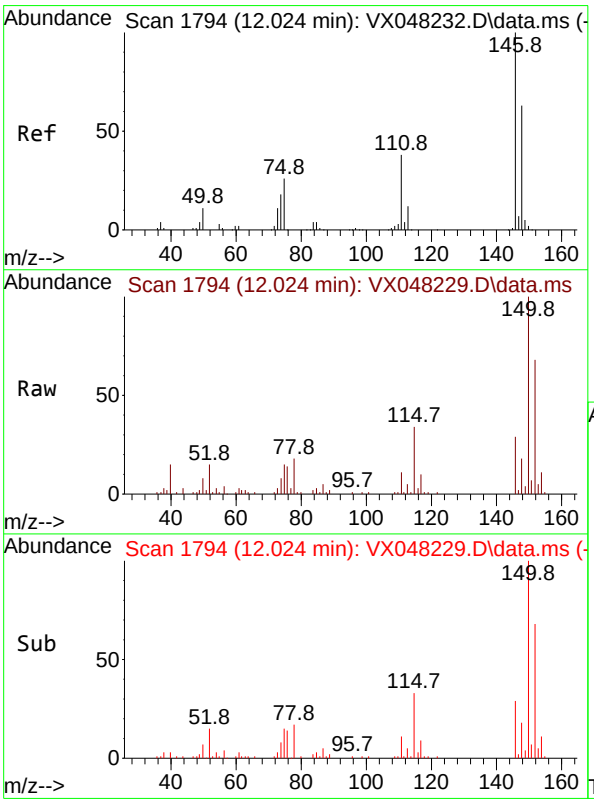
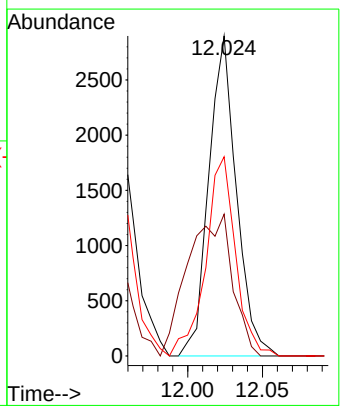
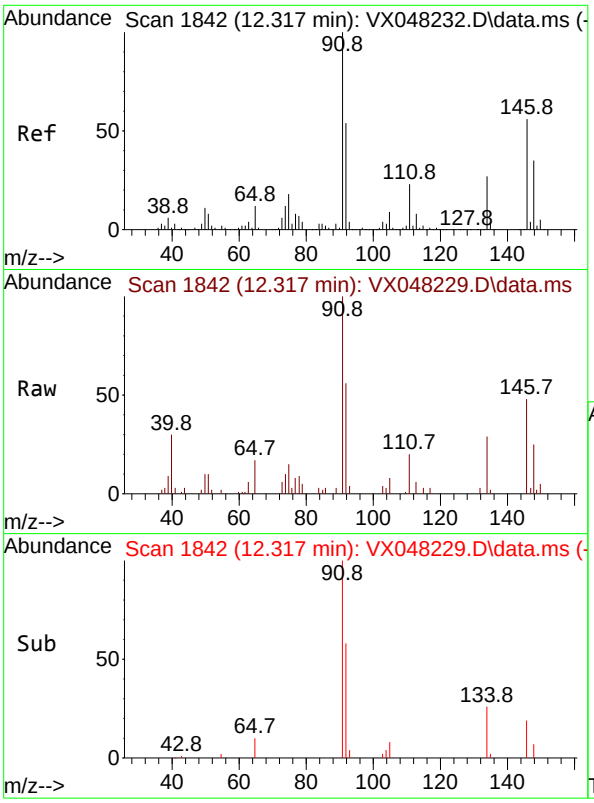



#88
1,4-Dichlorobenzene
Concen: 1.270 ug/l m
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:146 Resp: 3727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.2 | 20.1 | 60.2 |
| 148 | 59.9 | 31.8 | 95.3 |

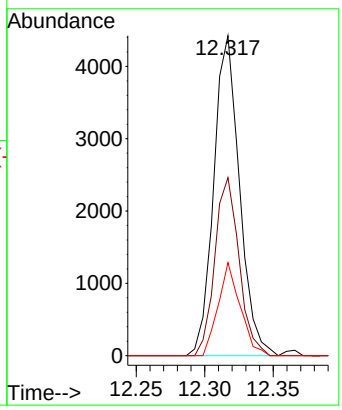





#89
n-Butylbenzene
Concen: 1.202 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.3 | 26.9 | 80.6 |
| 134 | 24.9 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

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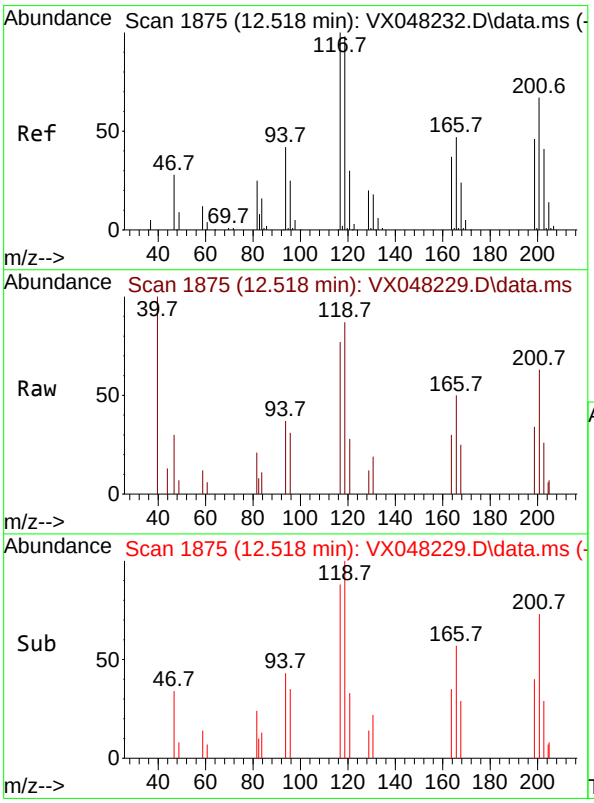
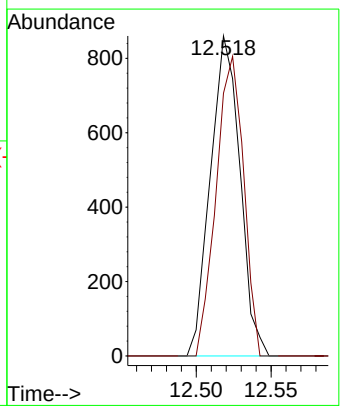
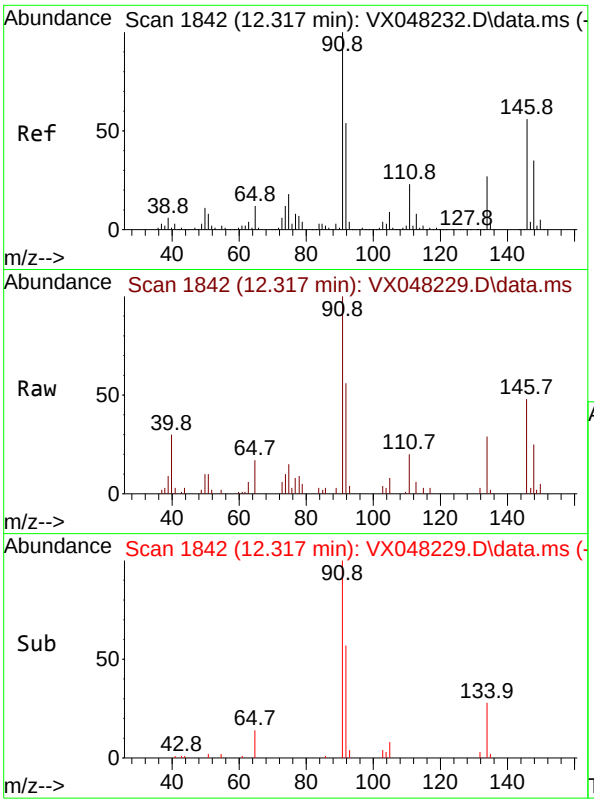



#90
Hexachloroethane
Concen: 1.084 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 1182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 87.1 | 34.1 | 102.2 |

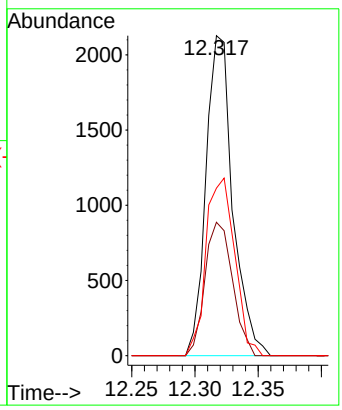





#91
1,2-Dichlorobenzene
Concen: 1.172 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:146 Resp: 313

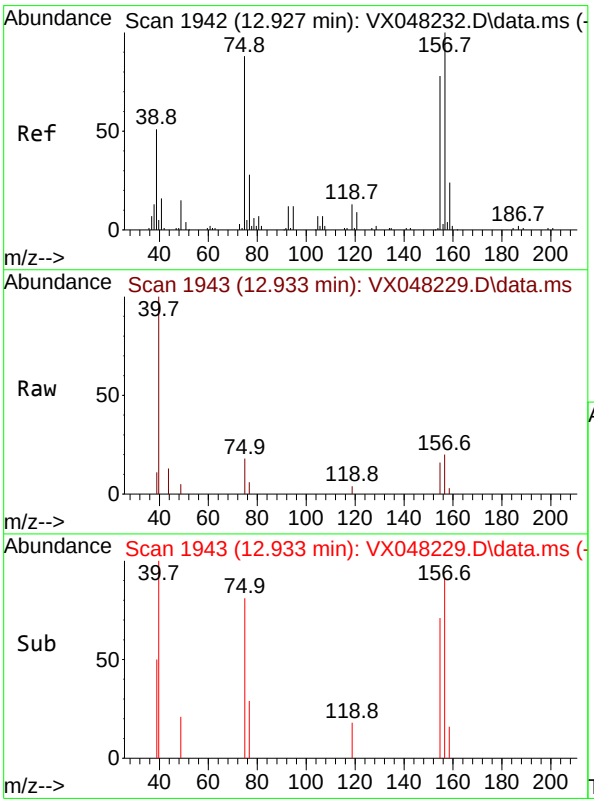
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.9 | 21.9 | 65.5 |
| 148 | 59.5 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

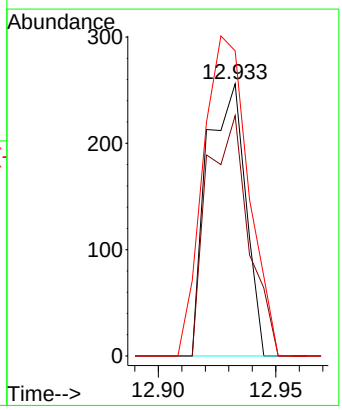
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

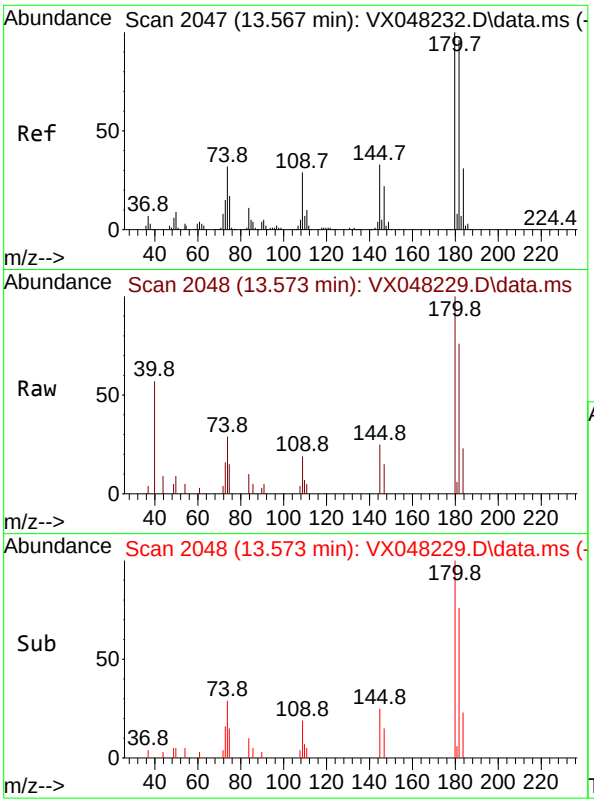



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.926 ug/l
RT: 12.933 min Scan# 1943
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 95.2 | 42.8 | 128.4 |
| 157 | 139.0 | 54.2 | 162.6 |

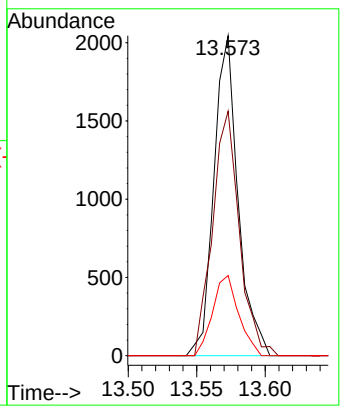





#93
1,2,4-Trichlorobenzene
Concen: 1.587 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:180 Resp: 250

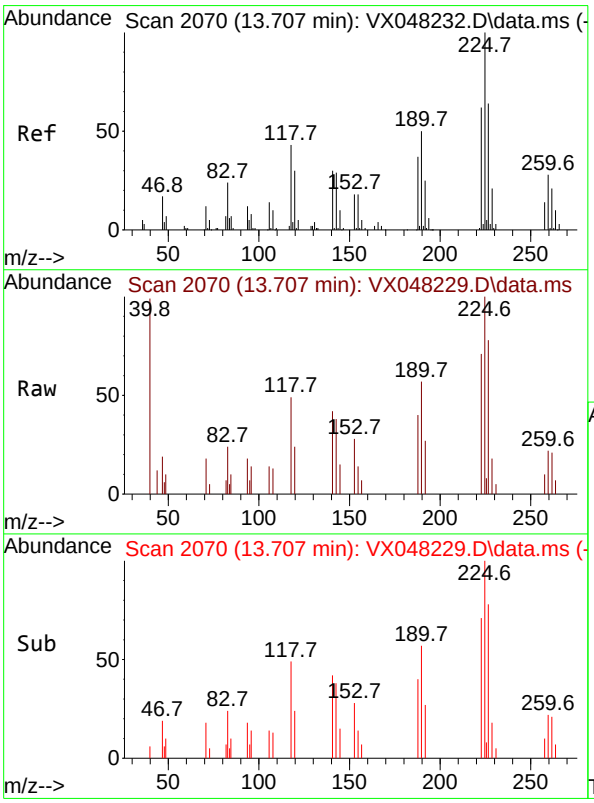
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 84.5 | 47.3 | 142.0 |
| 145 | 27.1 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

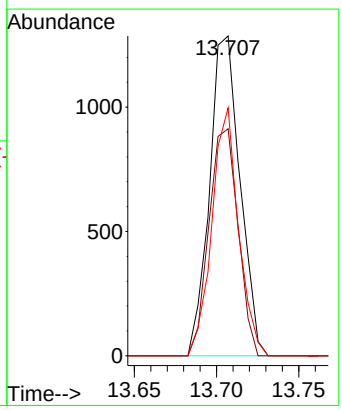
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

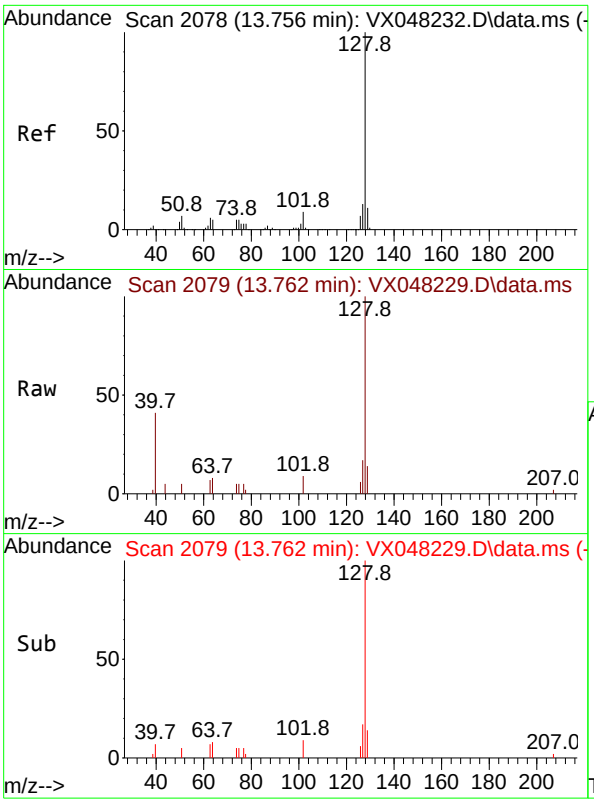



#94
Hexachlorobutadiene
Concen: 2.724 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:225 Resp: 1658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 67.8 | 32.6 | 97.7 |
| 227 | 67.7 | 32.5 | 97.4 |






#95
Naphthalene
Concen: 1.230 ug/l
RT: 13.762 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

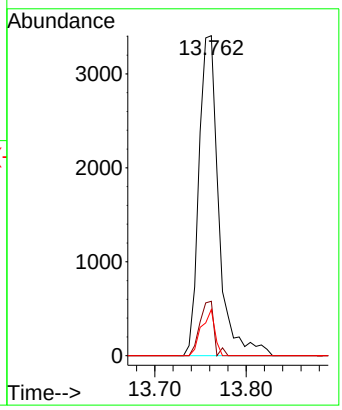
Tgt Ion:128 Resp: 511

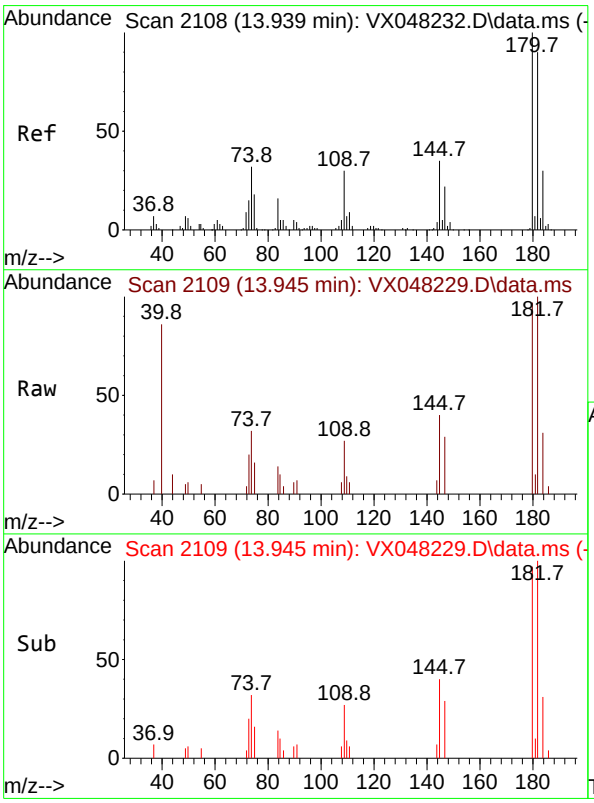
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.1 | 10.2 | 15.4 |
| 129 | 9.7 | 8.6 | 12.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

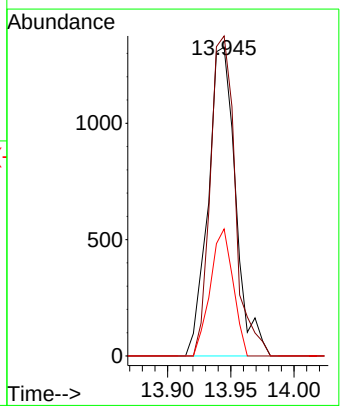



#96
1,2,3-Trichlorobenzene
Concen: 1.377 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:180 Resp: 2006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.5 | 46.6 | 139.7 |
| 145 | 34.1 | 16.9 | 50.7 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 12:37:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 119626 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 195028 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 178975 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 90972 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.946 | 65 | 33936 | 18.312 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 36.620%# | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 26897 | 19.872 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 39.740%# | | | |
| 50) Toluene-d8 | 8.635 | 98 | 92476 | 18.965 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 37.920%# | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 34724 | 19.551 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 39.100%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.179 | 85 | 24524 | 19.532 | ug/l | 98 |
| 3) Chloromethane | 1.300 | 50 | 22401 | 14.727 | ug/l | 100 |
| 4) Vinyl Chloride | 1.380 | 62 | 20913 | 13.048 | ug/l | 94 |
| 5) Bromomethane | 1.617 | 94 | 15473 | 14.517 | ug/l | 100 |
| 6) Chloroethane | 1.697 | 64 | 13249 | 12.990 | ug/l | 93 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 41824 | 16.625 | ug/l | 98 |
| 8) Diethyl Ether | 2.136 | 74 | 12293 | 14.325 | ug/l | 87 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 25843 | 18.229 | ug/l | 96 |
| 10) Methyl Iodide | 2.459 | 142 | 30452 | 17.934 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.947 | 59 | 16521 | 134.353 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 26209 | 18.907 | ug/l | 92 |
| 13) Acrolein | 2.239 | 56 | 15157 | 58.651 | ug/l | 99 |
| 14) Allyl chloride | 2.666 | 41 | 43494 | 17.443 | ug/l | 98 |
| 15) Acrylonitrile | 3.056 | 53 | 63931 | 108.499 | ug/l | 97 |
| 16) Acetone | 2.373 | 43 | 59884 | 94.723 | ug/l | 96 |
| 17) Carbon Disulfide | 2.520 | 76 | 77142 | 18.087 | ug/l | 98 |
| 18) Methyl Acetate | 2.703 | 43 | 26374 | 20.482 | ug/l | 92 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 91349 | 21.877 | ug/l | 100 |
| 20) Methylene Chloride | 2.794 | 84 | 31157 | 20.231 | ug/l | 88 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 28001 | 19.525 | ug/l | 94 |
| 22) Diisopropyl ether | 3.751 | 45 | 90030 | 18.439 | ug/l | 87 |
| 23) Vinyl Acetate | 3.715 | 43 | 364009 | 99.706 | ug/l | 98 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 51927 | 18.746 | ug/l | 98 |
| 25) 2-Butanone | 4.544 | 43 | 78643 | 106.774 | ug/l | 95 |
| 26) 2,2-Dichloropropane | 4.465 | 77 | 46568 | 19.669 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 33508 | 19.688 | ug/l | 98 |
| 28) Bromochloromethane | 4.891 | 49 | 19339 | 15.146 | ug/l | 90 |
| 29) Tetrahydrofuran | 4.995 | 42 | 47457 | 109.718 | ug/l | 94 |
| 30) Chloroform | 5.080 | 83 | 57780 | 19.813 | ug/l | 99 |
| 31) Cyclohexane | 5.464 | 56 | 42796 | 18.882 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 5.373 | 97 | 51929 | 21.672 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 38270 | 20.071 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 30904 | 20.280 | ug/l # | 95 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 46323 | 21.166 | ug/l | 98 |
| 39) Methylcyclohexane | 7.366 | 83 | 42776 | 19.897 | ug/l | 94 |
| 40) Benzene | 6.025 | 78 | 115488 | 20.398 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 12:37:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.916 | 41 | 18461 | 22.621 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 44176 | 21.778 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.324 | 43 | 55317 | 21.625 | ug/l | | 96 |
| 44) Trichloroethene | 7.110 | 130 | 29108 | 20.399 | ug/l | | 90 |
| 45) 1,2-Dichloropropane | 7.421 | 63 | 28242 | 19.709 | ug/l | | 97 |
| 46) Dibromomethane | 7.568 | 93 | 21605 | 20.955 | ug/l | | 92 |
| 47) Bromodichloromethane | 7.805 | 83 | 46221 | 20.743 | ug/l | | 100 |
| 48) Methyl methacrylate | 7.677 | 41 | 27751 | 21.193 | ug/l | | 94 |
| 49) 1,4-Dioxane | 7.647 | 88 | 7620 | 646.470 | ug/l | | 91 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 164708 | 115.713 | ug/l | | 94 |
| 52) Toluene | 8.702 | 92 | 73623 | 21.635 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 45416 | 21.756 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 47130 | 20.713 | ug/l | | 96 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 27884 | 21.961 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.104 | 69 | 41809 | 24.210 | ug/l | | 93 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 47896 | 21.591 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 104883 | 118.278 | ug/l | | 96 |
| 59) 2-Hexanone | 9.415 | 43 | 116268 | 116.777 | ug/l | | 95 |
| 60) Dibromochloromethane | 9.506 | 129 | 37127 | 23.361 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.598 | 107 | 30639 | 23.533 | ug/l | | 96 |
| 64) Tetrachloroethene | 9.256 | 164 | 27043 | 21.550 | ug/l | | 89 |
| 65) Chlorobenzene | 10.061 | 112 | 83004 | 21.211 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 30278 | 21.471 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 139895 | 20.852 | ug/l | | 98 |
| 68) m/p-Xylenes | 10.287 | 106 | 107377 | 42.962 | ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 50950 | 21.655 | ug/l | | 98 |
| 70) Styrene | 10.640 | 104 | 88481 | 21.848 | ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 25027 | 24.168 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.945 | 105 | 133034 | 21.025 | ug/l | | 99 |
| 74) N-amyl acetate | 10.829 | 43 | 48726 | 20.642 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 38748 | 21.616 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 29913m | 21.533 | ug/l | | |
| 77) Bromobenzene | 11.183 | 156 | 33843 | 21.374 | ug/l | | 95 |
| 78) n-propylbenzene | 11.286 | 91 | 154839 | 20.180 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 95156 | 20.526 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 112057 | 21.575 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 12001 | 21.154 | ug/l | | 94 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 113495 | 20.833 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 112305 | 21.403 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 111976 | 21.652 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.872 | 105 | 134014 | 20.891 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 114969 | 21.263 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 63377 | 21.403 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 65612 | 21.375 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.317 | 91 | 102140 | 20.281 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 22609 | 19.811 | ug/l | | 94 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 59345 | 21.212 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 7983 | 24.372 | ug/l | | 94 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 35465 | 21.473 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 14529 | 22.810 | ug/l | | 98 |
| 95) Naphthalene | 13.756 | 128 | 104803 | 24.073 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.945 | 180 | 34276 | 22.493 | ug/l | | 99 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:37:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

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

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

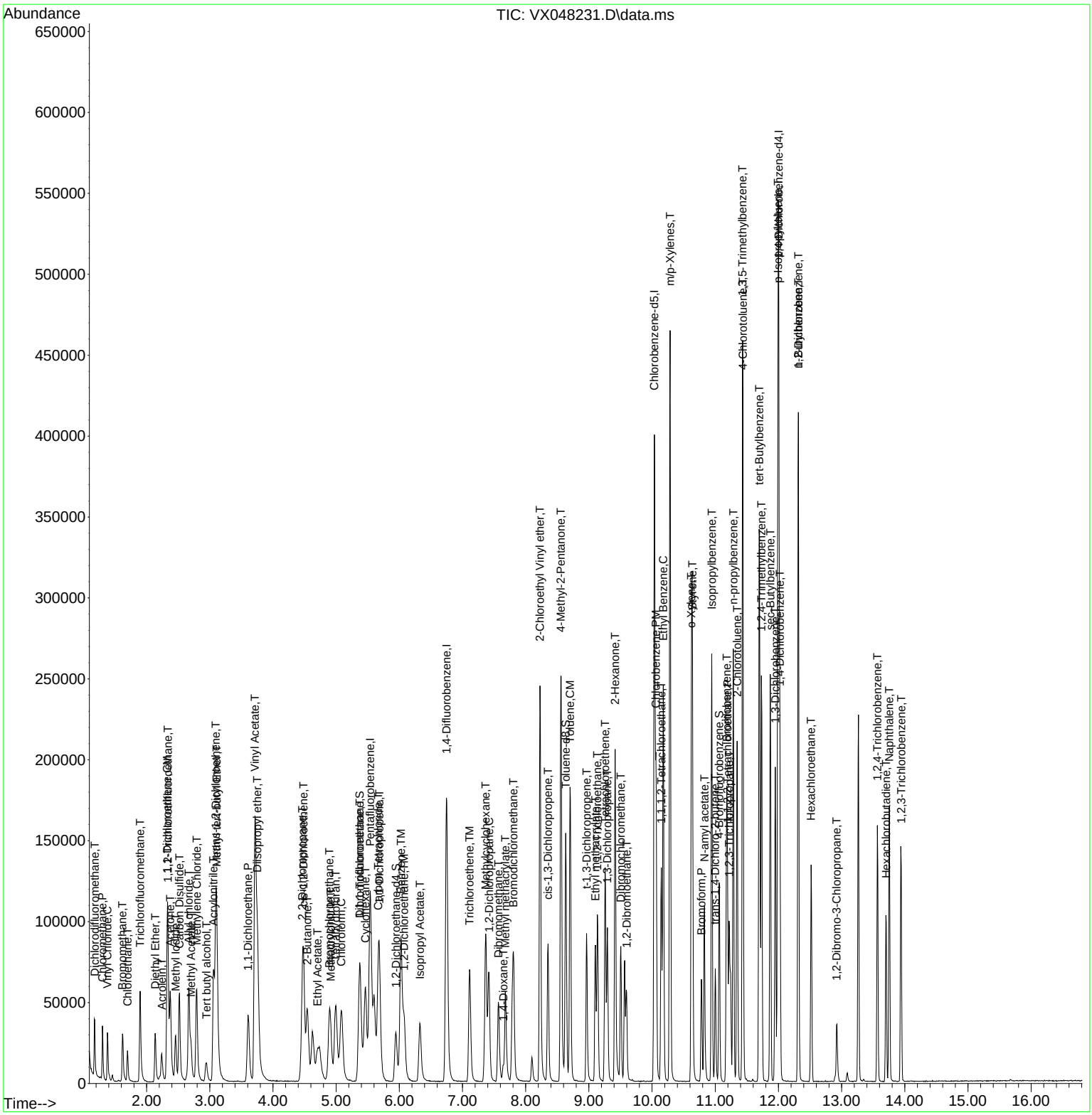
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

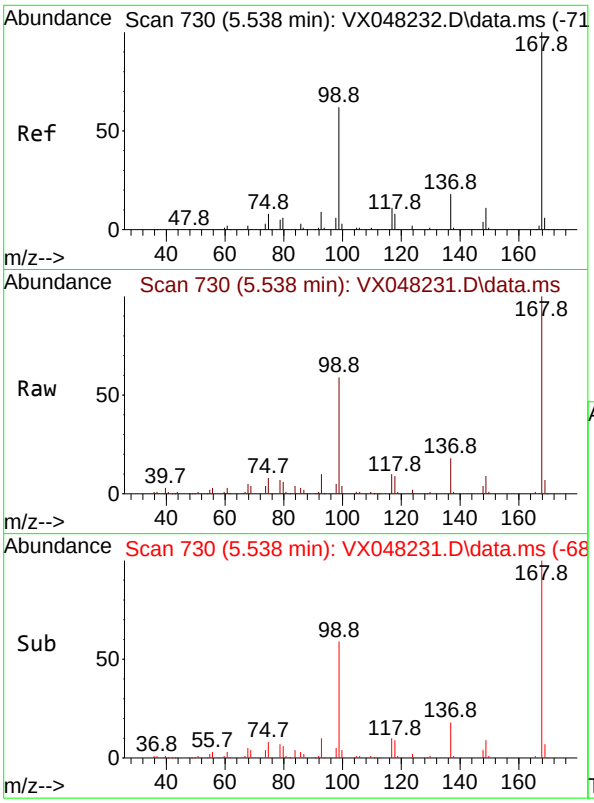
Quant Time: Oct 20 12:37:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

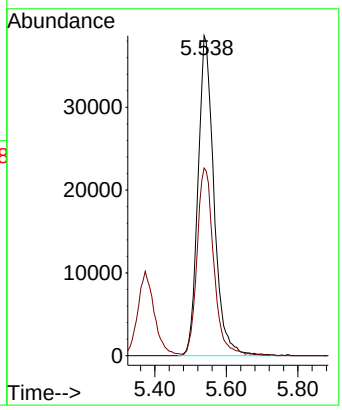





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:168 Resp: 11962

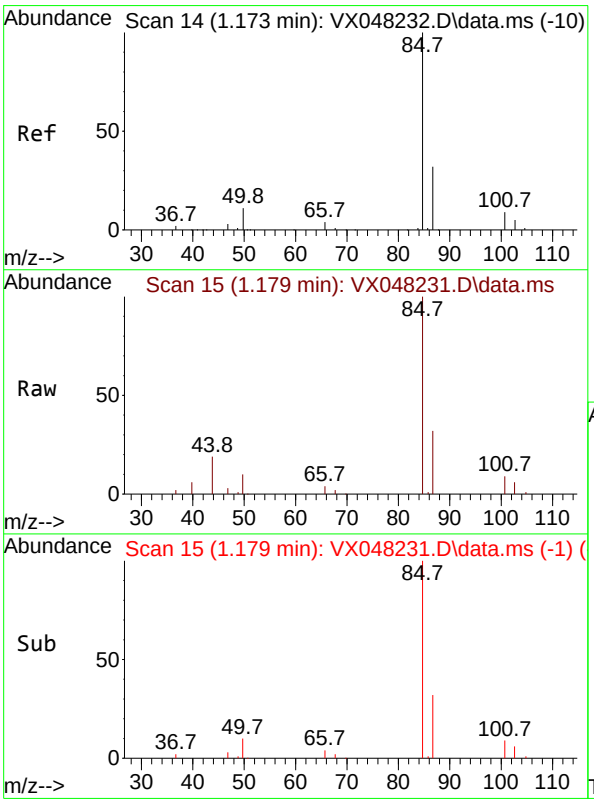
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.7 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

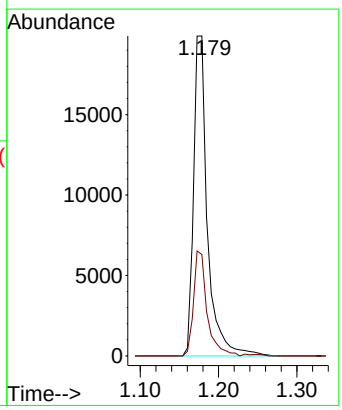
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

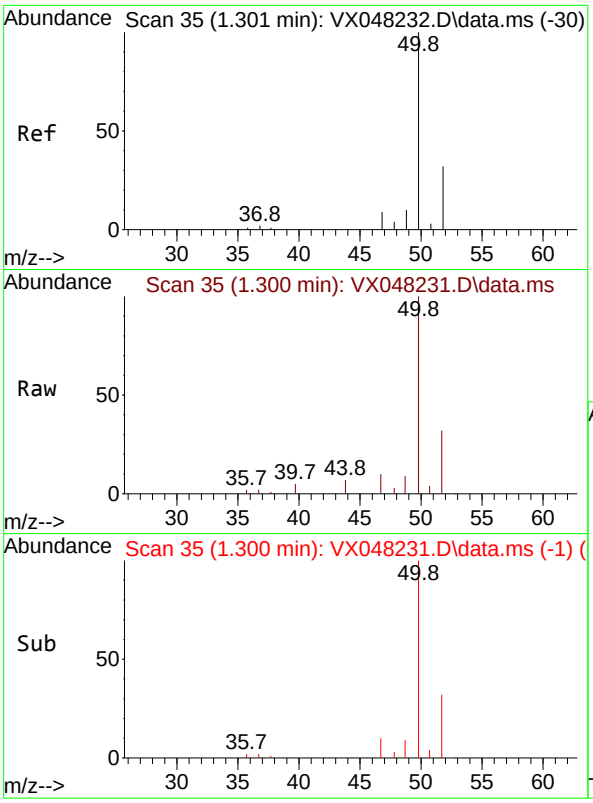



#2
Dichlorodifluoromethane
Concen: 19.532 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 85 Resp: 24524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.7 | 15.3 | 45.9 |

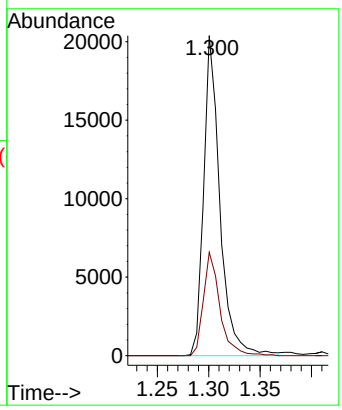





#3
Chloromethane
Concen: 14.727 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 50 Resp: 2240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.3 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
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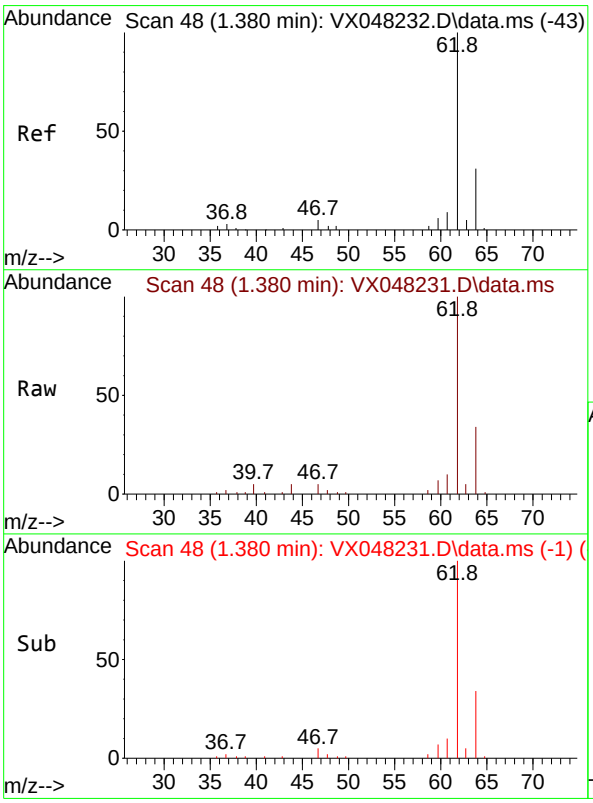
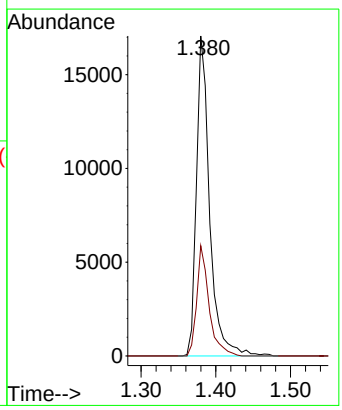
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

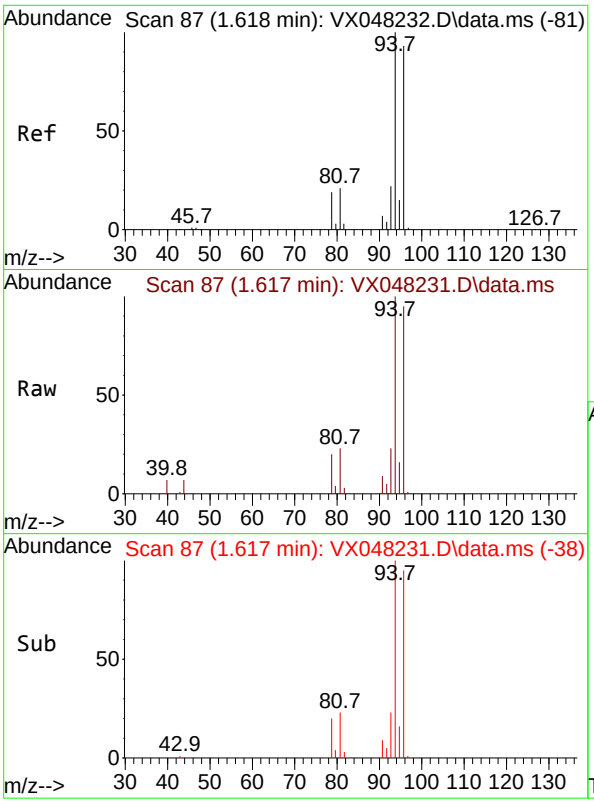



#4
Vinyl Chloride
Concen: 13.048 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 20913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.5 | 25.1 | 37.7 |

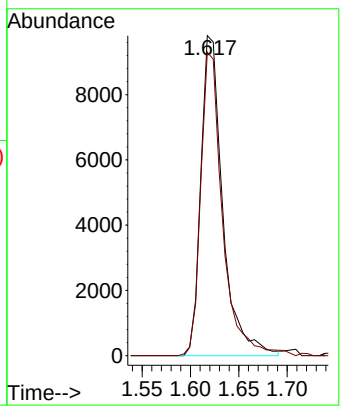





#5
Bromomethane
Concen: 14.517 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 94 Resp: 1547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.8 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
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VSTDICC020

**Manual Integrations**
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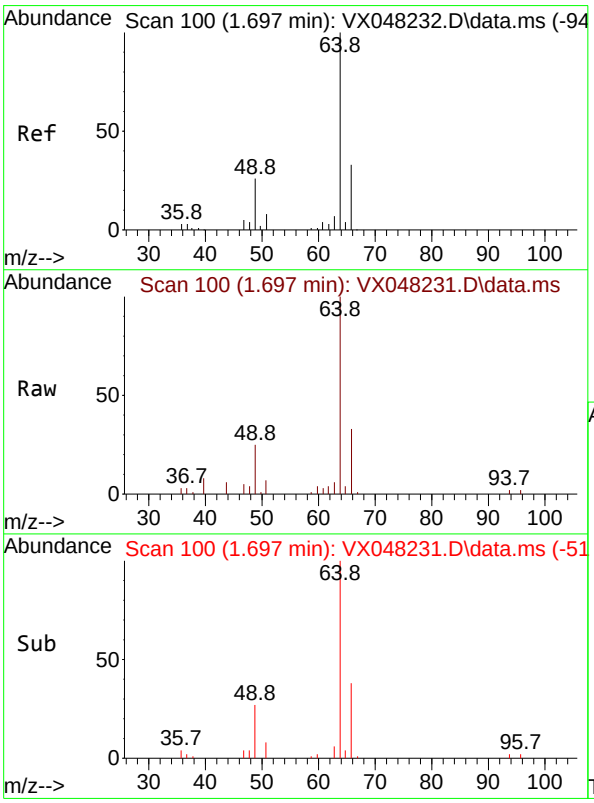
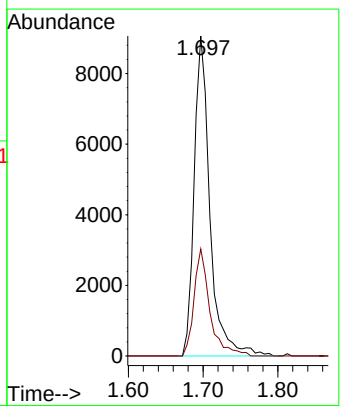
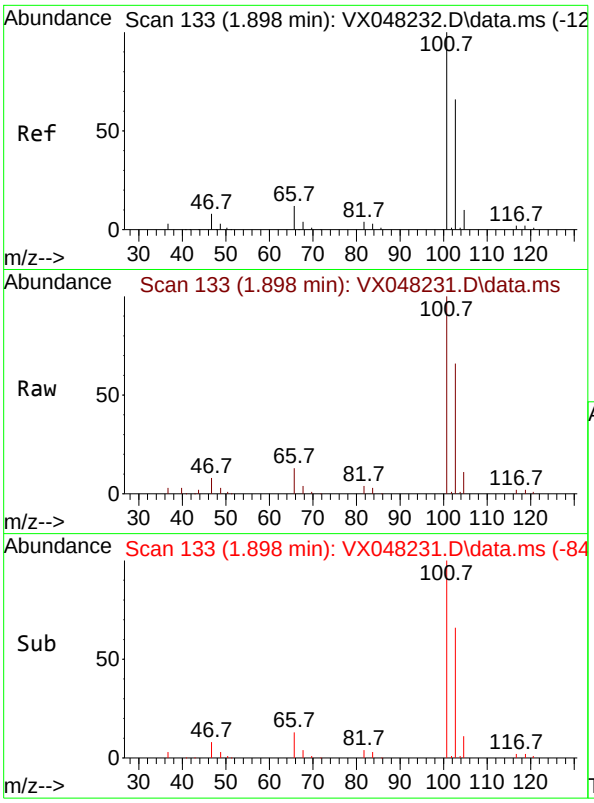



#6
Chloroethane
Concen: 12.990 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 64 Resp: 13249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.4 | 23.9 | 35.9 |

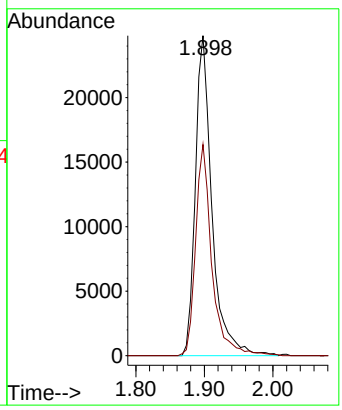





#7
Trichlorofluoromethane
Concen: 16.625 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:101 Resp: 4182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.0 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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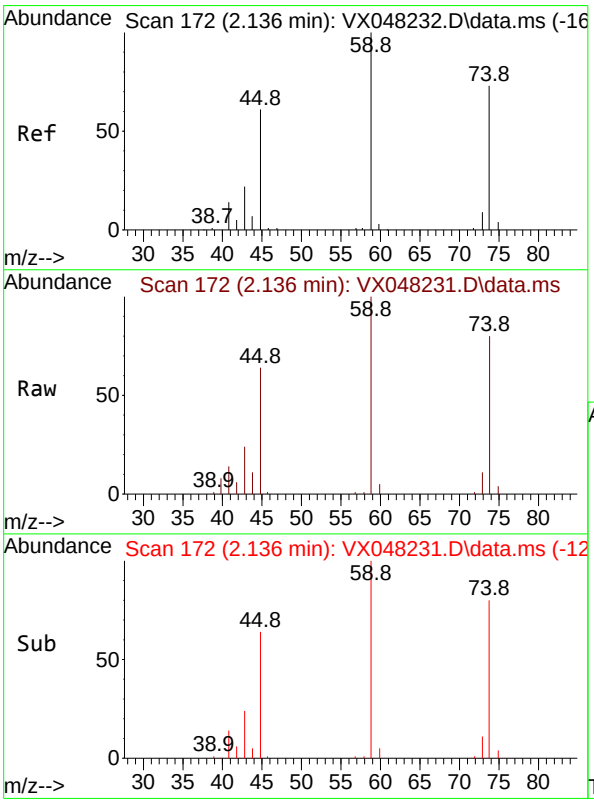
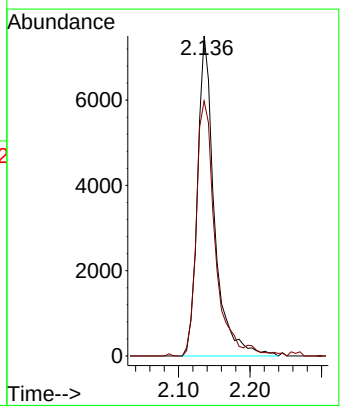
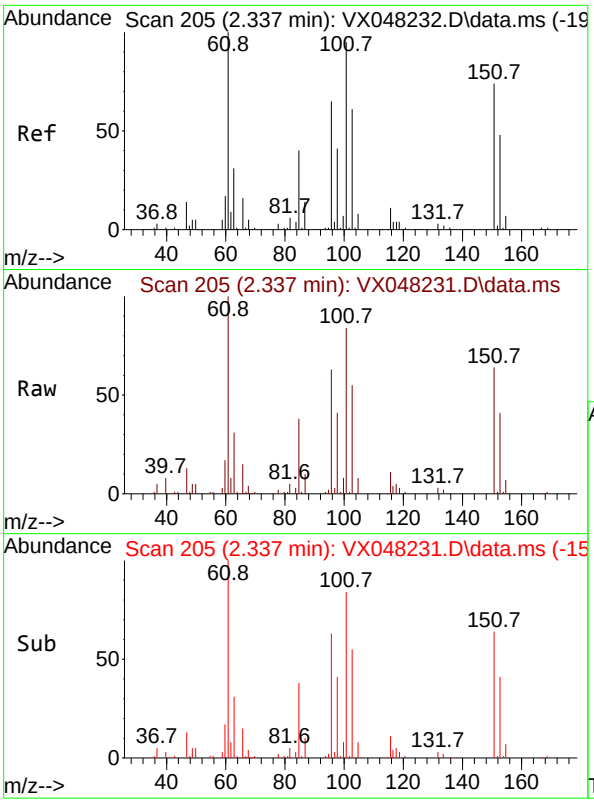



#8
Diethyl Ether
Concen: 14.325 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 74 Resp: 12293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 86.6 | 50.0 | 149.8 |

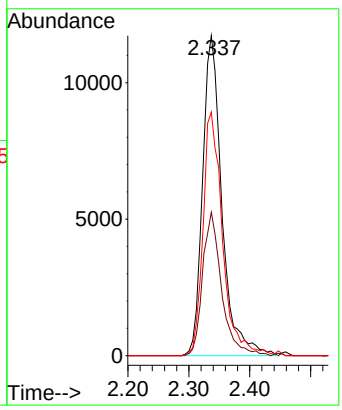





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.229 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:101 Resp: 2584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.1 | 35.6 | 53.4 |
| 151 | 76.9 | 58.0 | 87.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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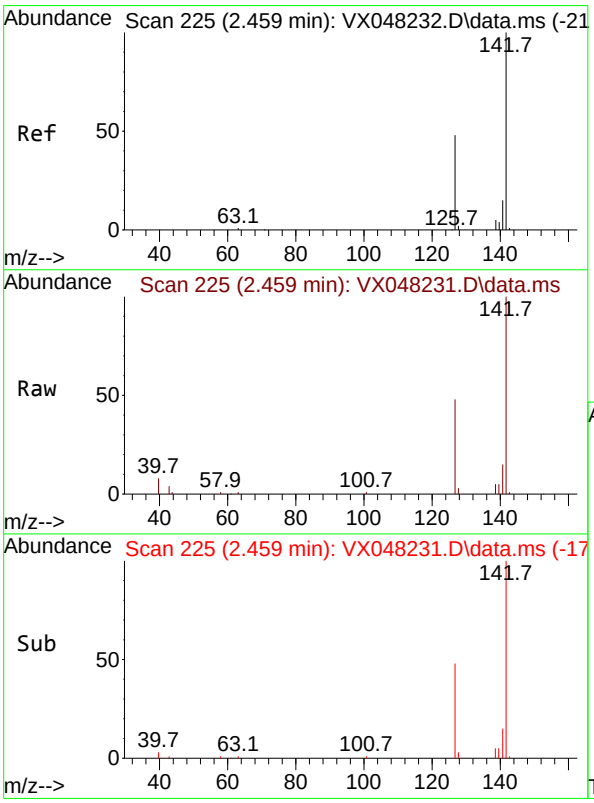
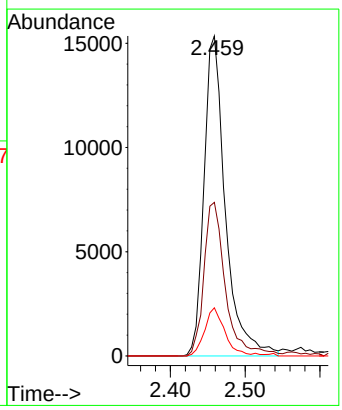
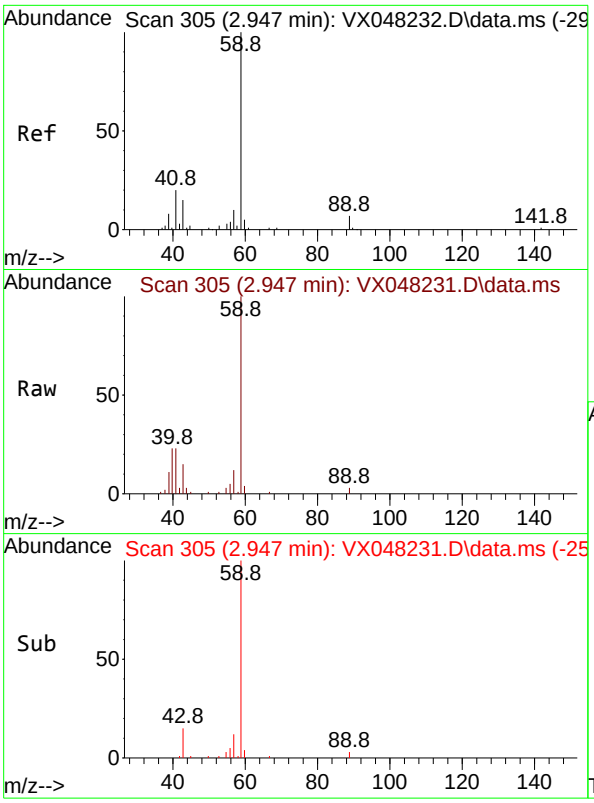



#10
Methyl Iodide
Concen: 17.934 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:142 Resp: 30452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.4 | 38.5 | 57.7 |
| 141 | 14.2 | 11.6 | 17.4 |

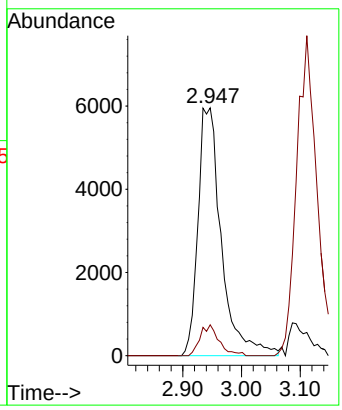





#11
Tert butyl alcohol
Concen: 134.353 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 59 Resp: 1652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 8.2 | 12.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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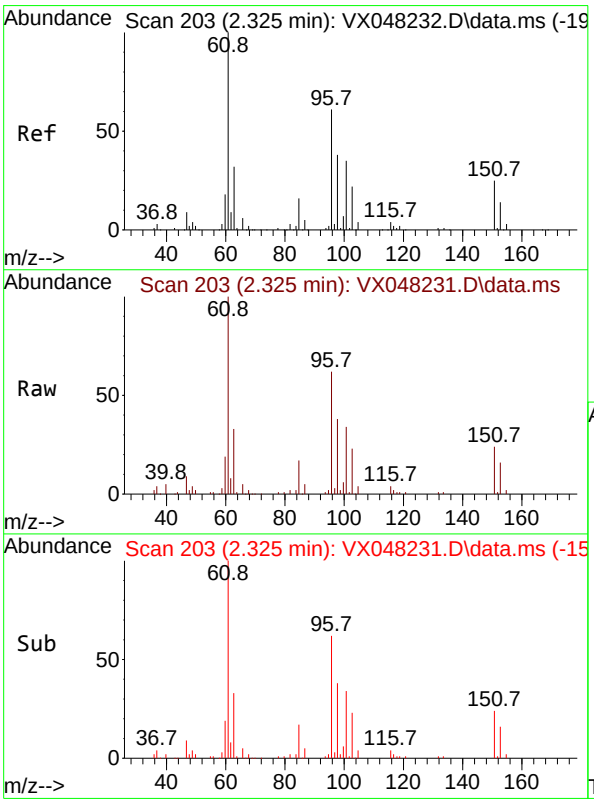
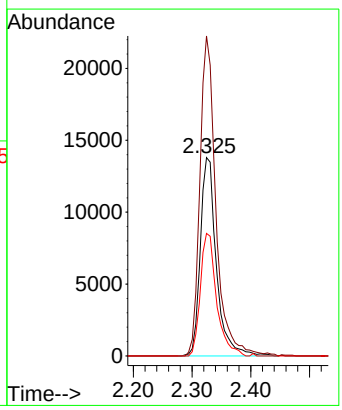
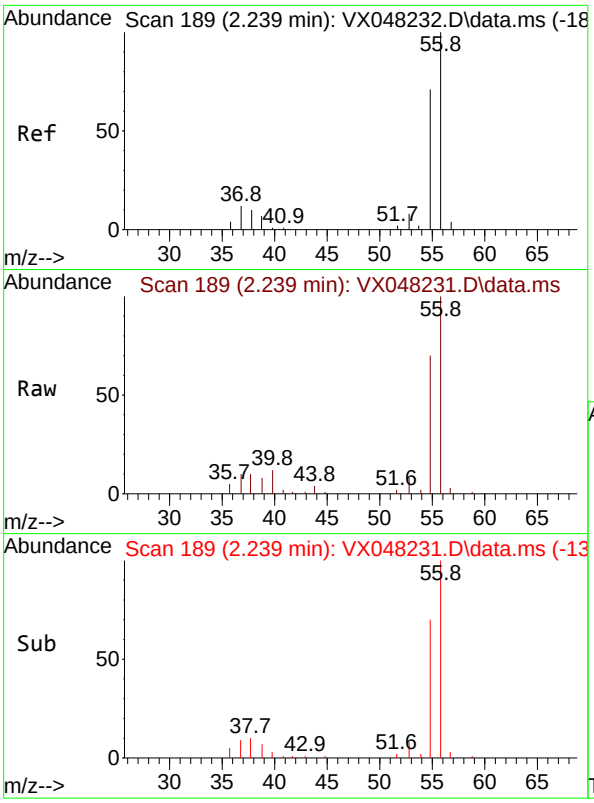



#12
1,1-Dichloroethene
Concen: 18.907 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 96 Resp: 26209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.3 | 139.0 | 208.6 |
| 98 | 61.7 | 52.4 | 78.6 |

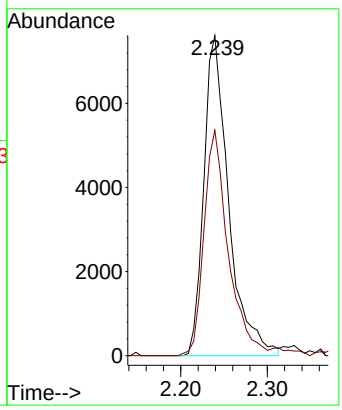





#13
Acrolein
Concen: 58.651 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 56 Resp: 1515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.8 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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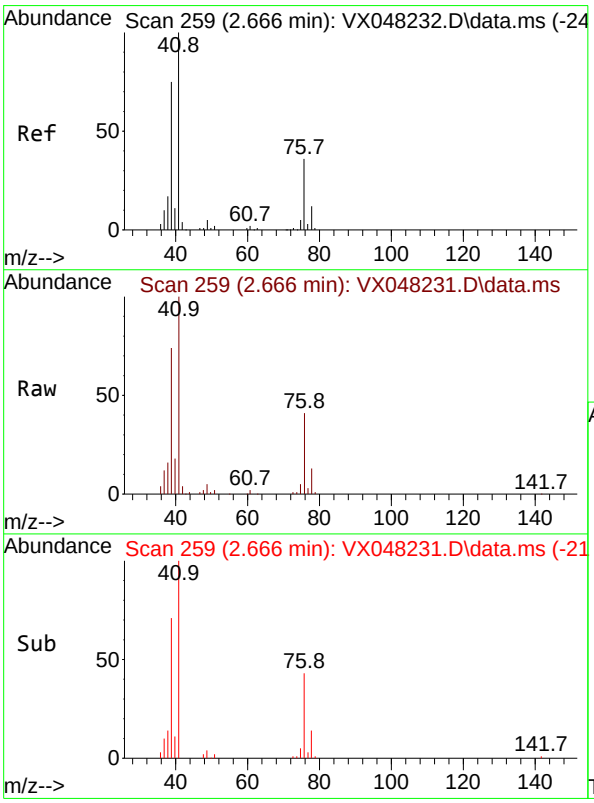
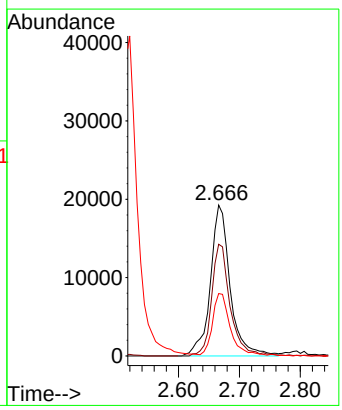
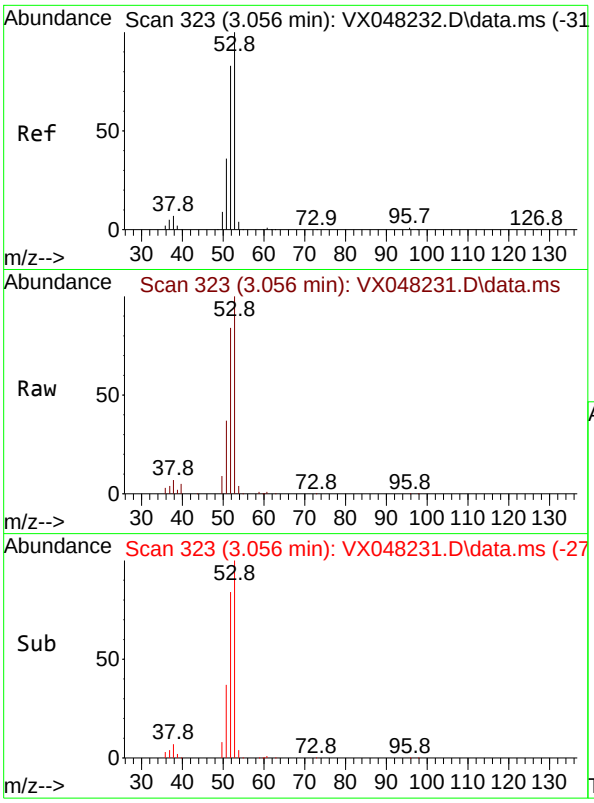



#14
Allyl chloride
Concen: 17.443 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 43494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 69.2 | 56.0 | 84.0 |
| 76 | 36.0 | 27.5 | 41.3 |

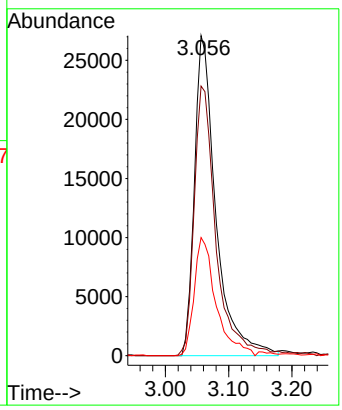





#15
Acrylonitrile
Concen: 108.499 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 53 Resp: 6393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 86.2 | 66.1 | 99.1 |
| 51 | 37.4 | 29.0 | 43.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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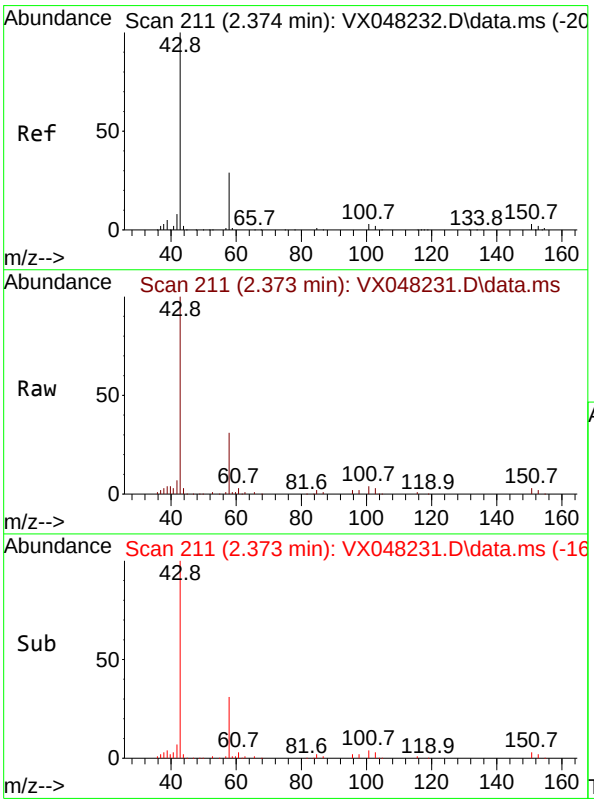
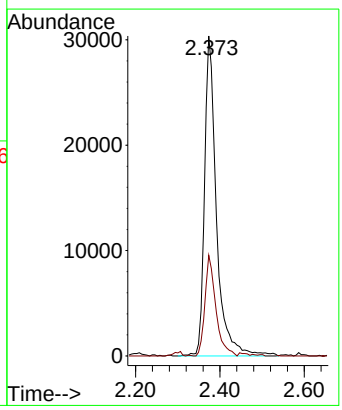
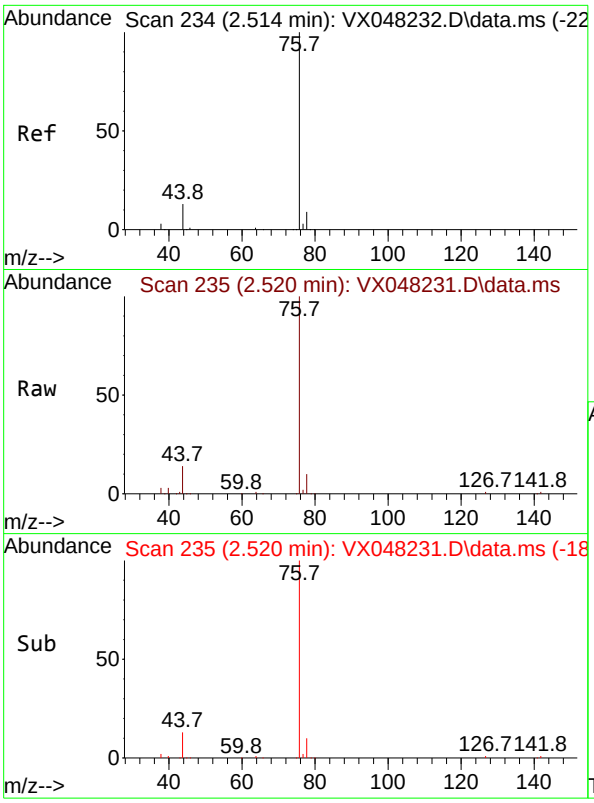



#16
Acetone
Concen: 94.723 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 59884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.3 | 23.4 | 35.2 |

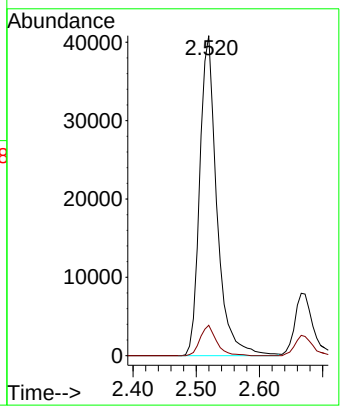





#17
Carbon Disulfide
Concen: 18.087 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 76 Resp: 7714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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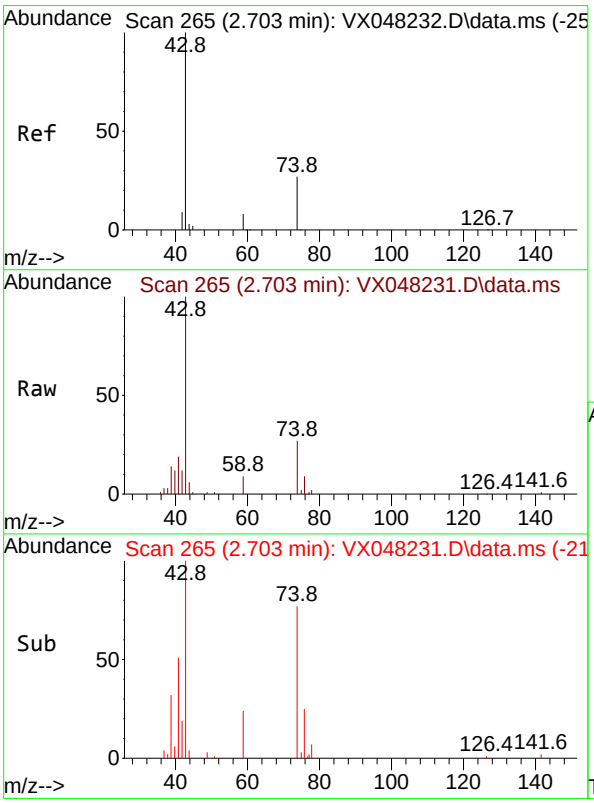
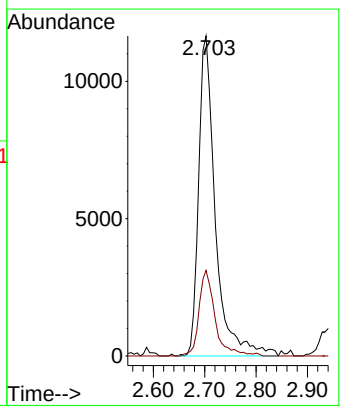
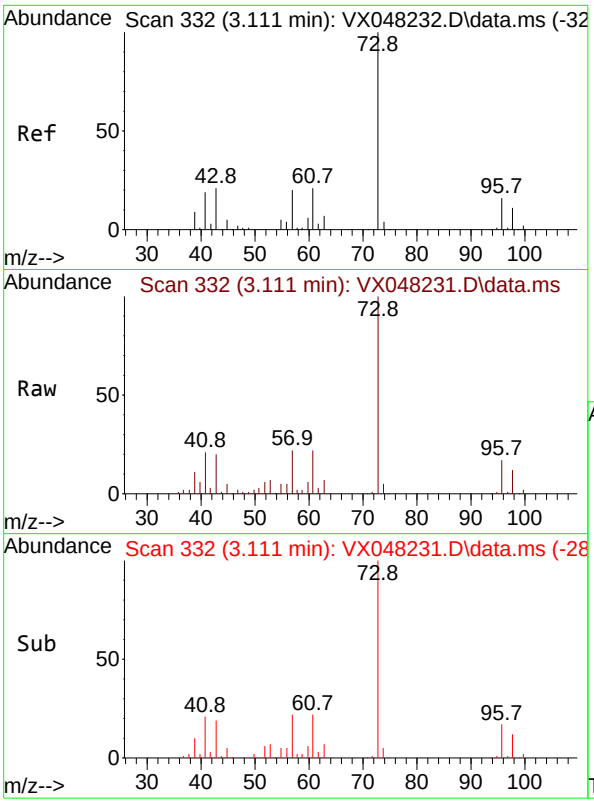



#18
Methyl Acetate
Concen: 20.482 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 26374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.7 | 17.5 | 26.3 |

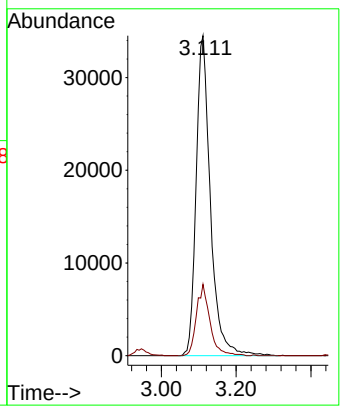





#19
Methyl tert-butyl Ether
Concen: 21.877 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 73 Resp: 9134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.3 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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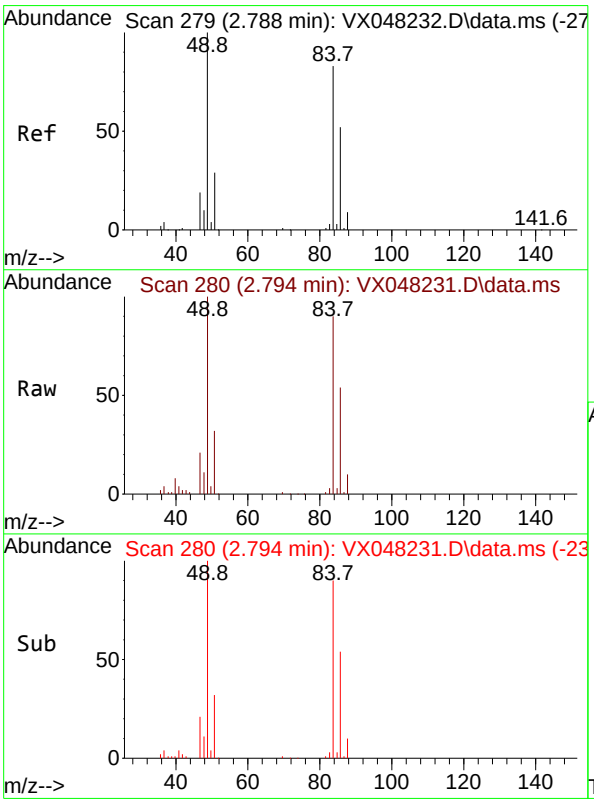
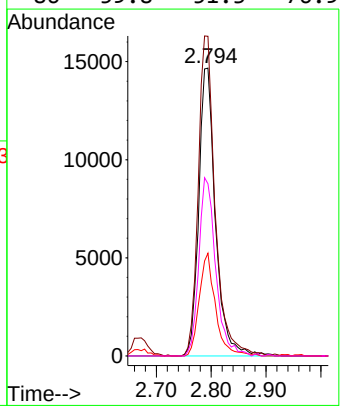
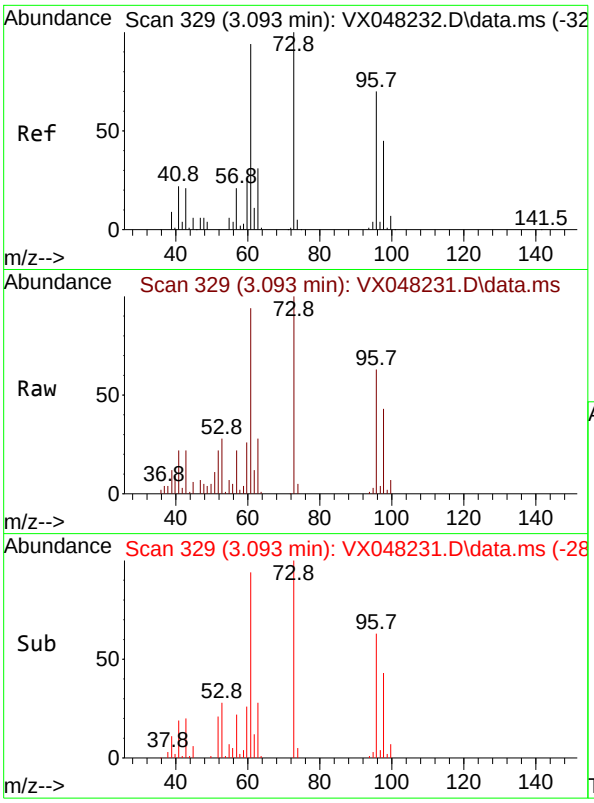



#20
Methylene Chloride
Concen: 20.231 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 84 Resp: 31157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 111.1 | 104.1 | 156.1 |
| 51 | 35.7 | 31.3 | 46.9 |
| 86 | 59.8 | 51.3 | 76.9 |

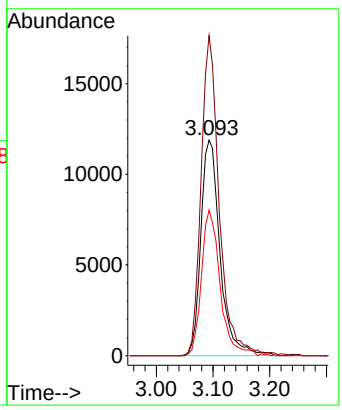





#21
trans-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 96 Resp: 2800

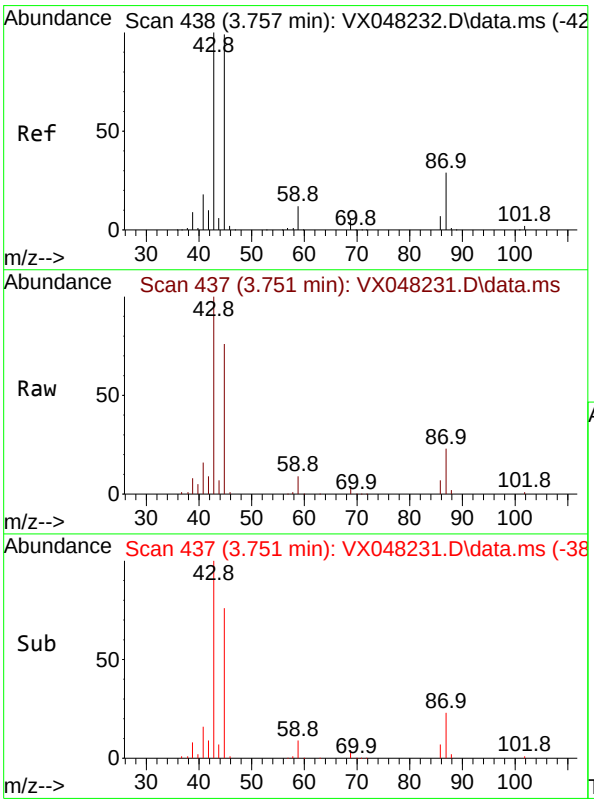
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 148.5 | 111.9 | 167.9 |
| 98 | 67.5 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
**APPROVED**

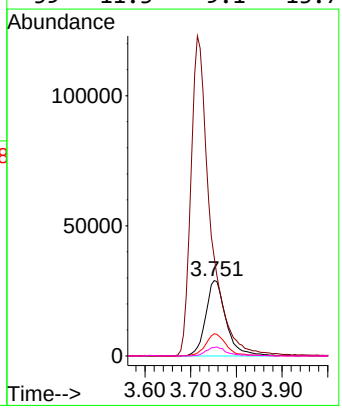
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

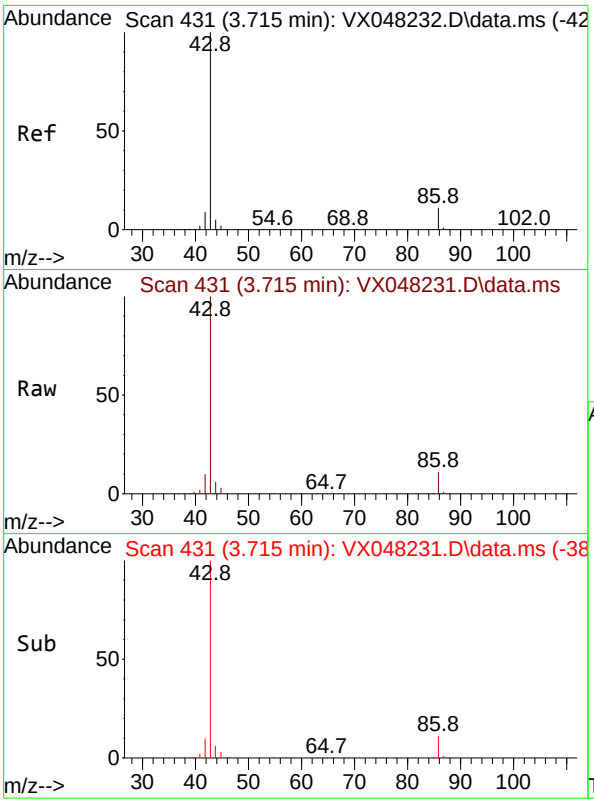



#22
Diisopropyl ether
Concen: 18.439 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 45 Resp: 90030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 129.3 | 89.8 | 134.8 |
| 87 | 29.6 | 20.6 | 31.0 |
| 59 | 11.3 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 99.706 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 364009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.6 | 7.9 | 11.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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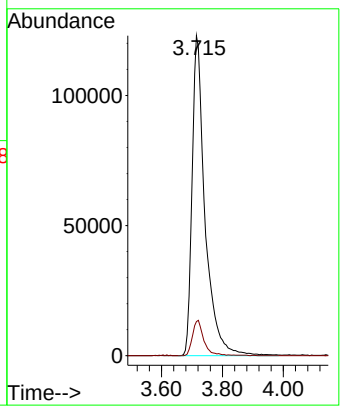
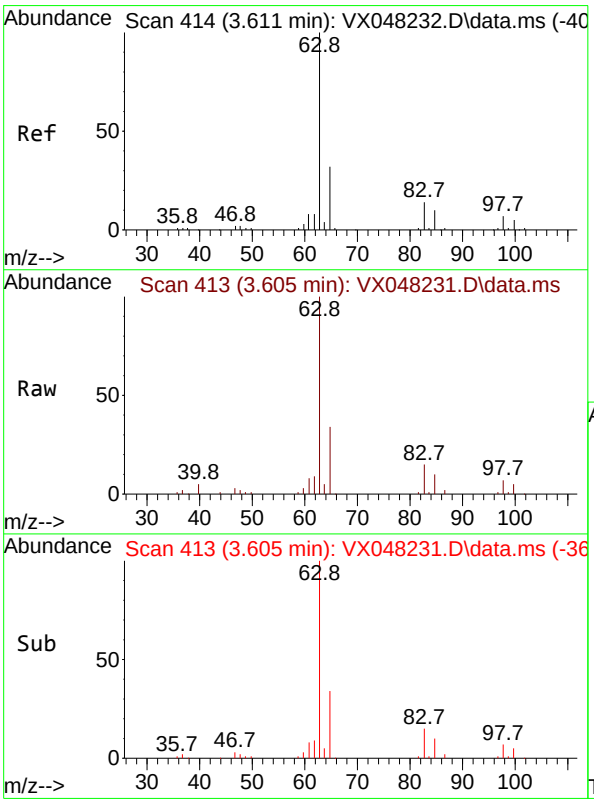
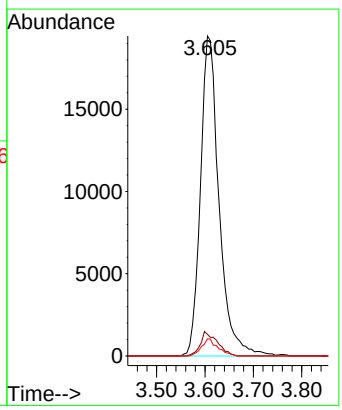


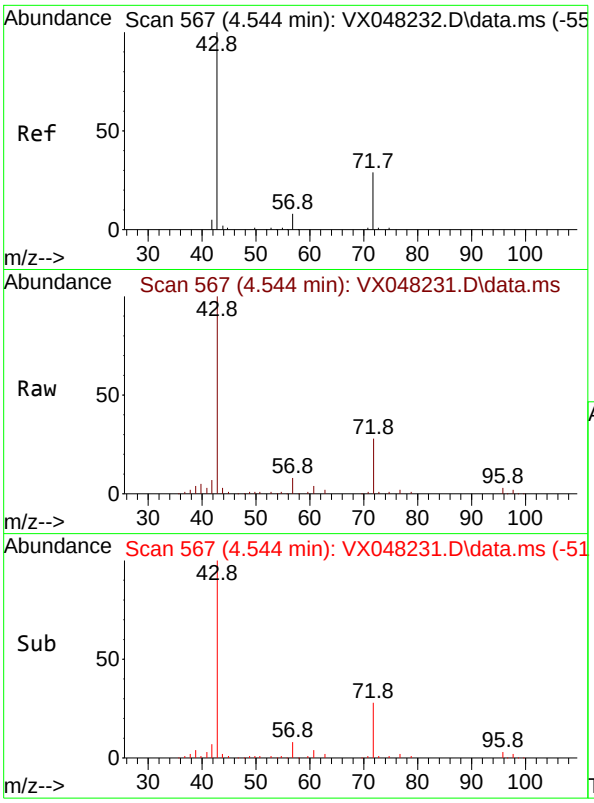




#24
1,1-Dichloroethane
Concen: 18.746 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 51927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.8 | 3.5 | 10.6 |
| 100 | 5.4 | 2.1 | 6.3 |

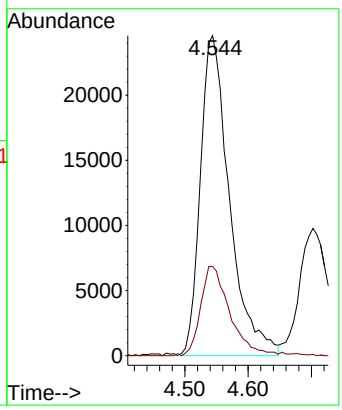





#25
2-Butanone
Concen: 106.774 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 7864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.6 | 19.9 | 29.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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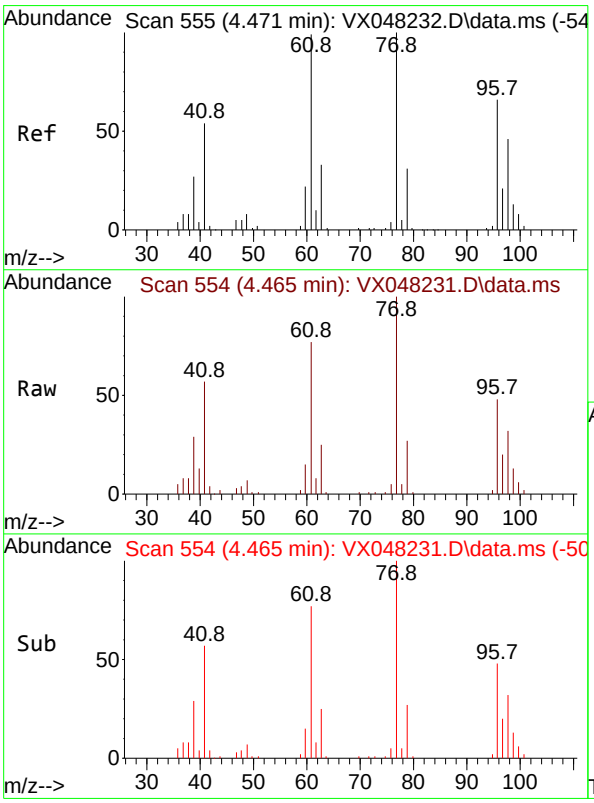
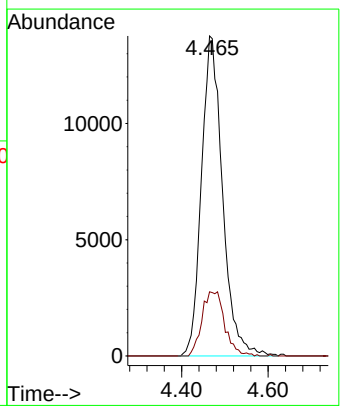
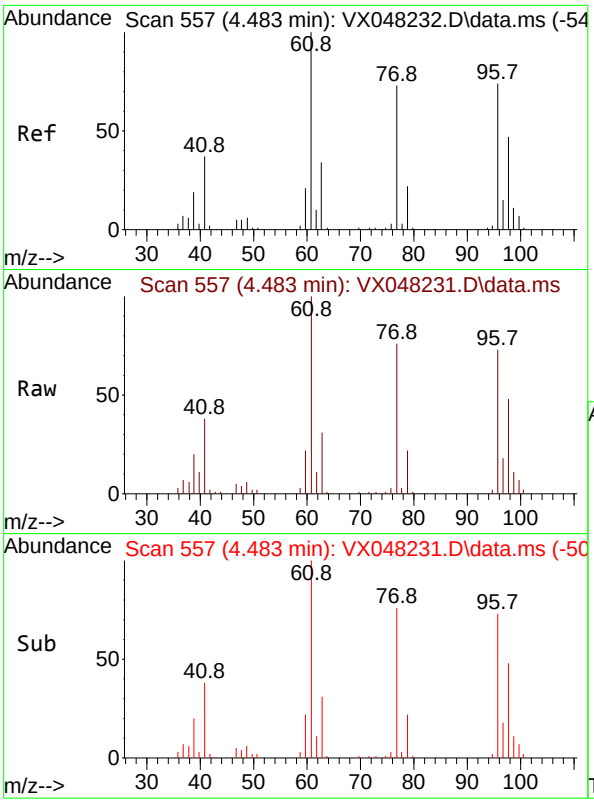



#26
2,2-Dichloropropane
Concen: 19.669 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 77 Resp: 46568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.7 | 11.1 | 33.3 |

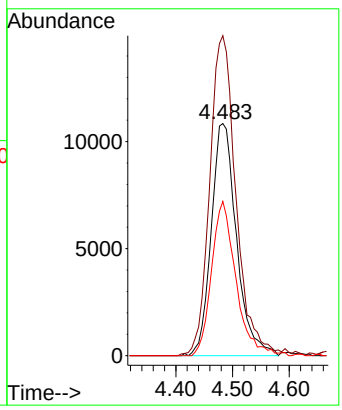





#27
cis-1,2-Dichloroethene
Concen: 19.688 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 96 Resp: 3350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.9 | 0.0 | 294.2 |
| 98 | 64.3 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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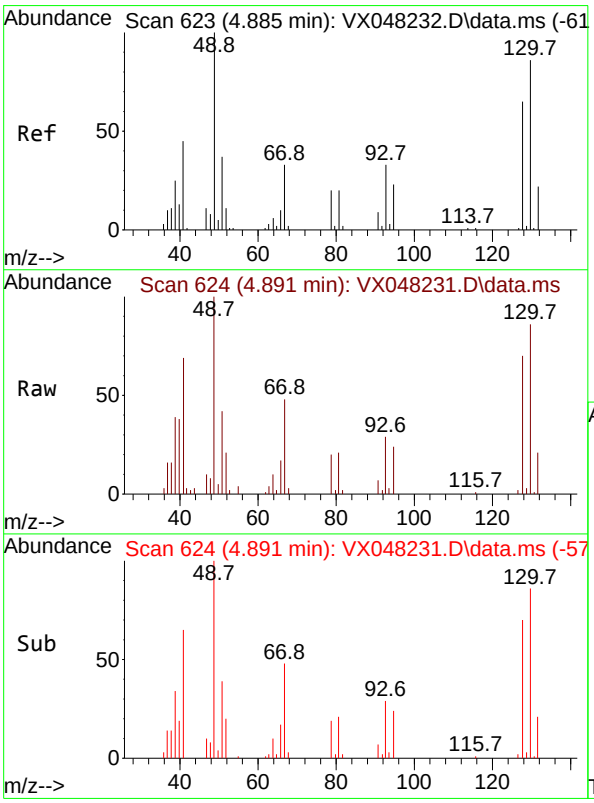
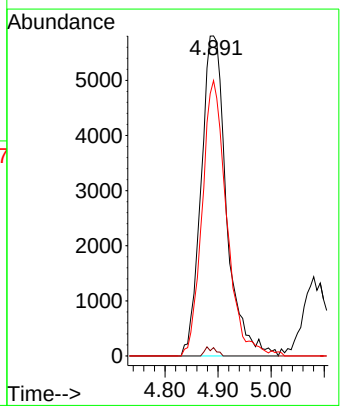
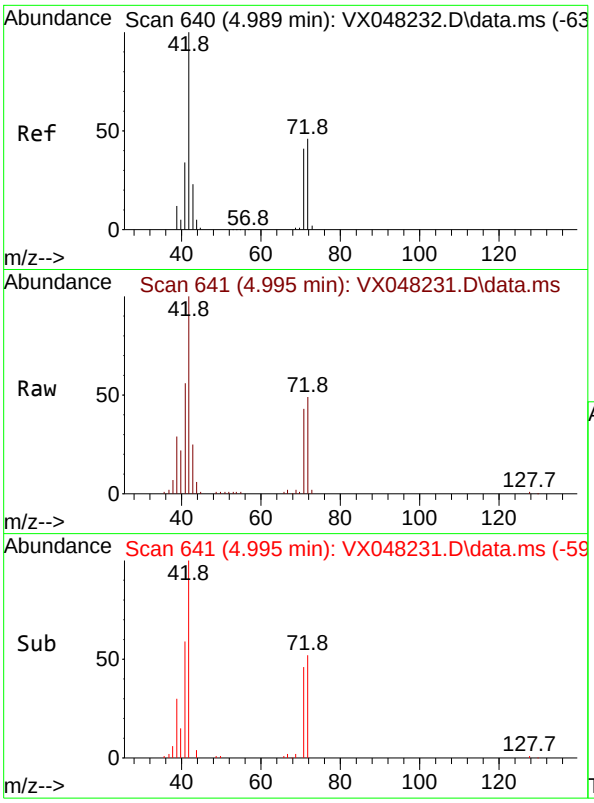



#28
Bromochloromethane
Concen: 15.146 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 49 Resp: 19339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.2 | 0.0 | 4.4 |
| 130 | 82.7 | 59.3 | 88.9 |






#29
Tetrahydrofuran
Concen: 109.718 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 42 Resp: 4745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.5 | 35.3 | 52.9 |
| 71 | 43.2 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
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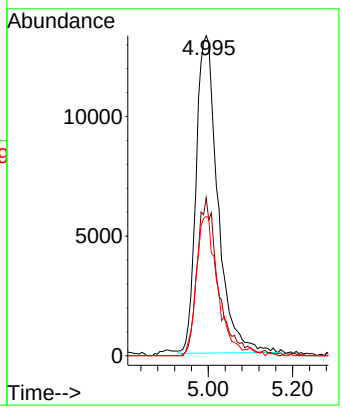
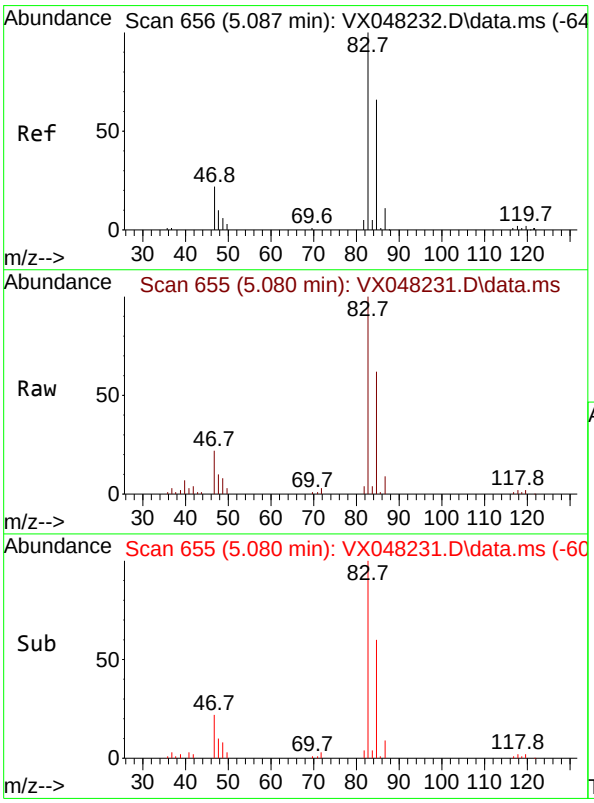
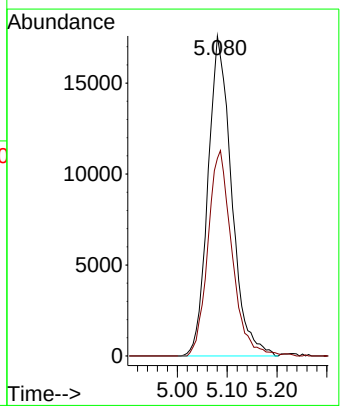


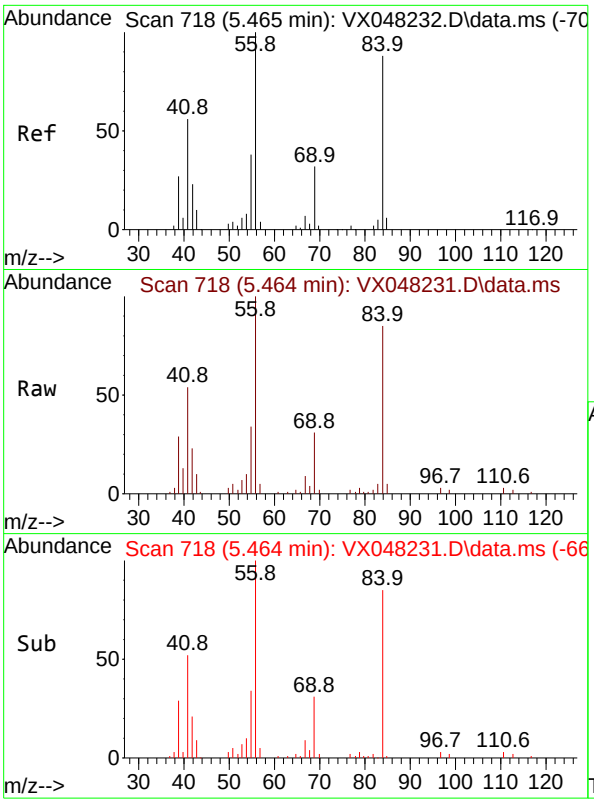




#30
Chloroform
Concen: 19.813 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 57780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 50.1 | 75.1 |

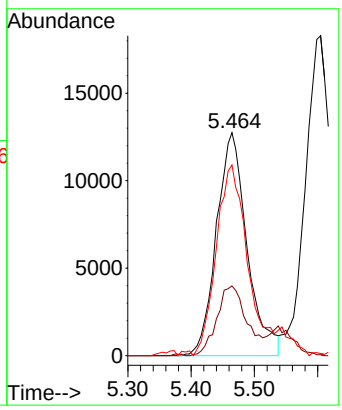





#31
Cyclohexane
Concen: 18.882 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 56 Resp: 4279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.6 | 23.0 | 34.6 |
| 84 | 85.5 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

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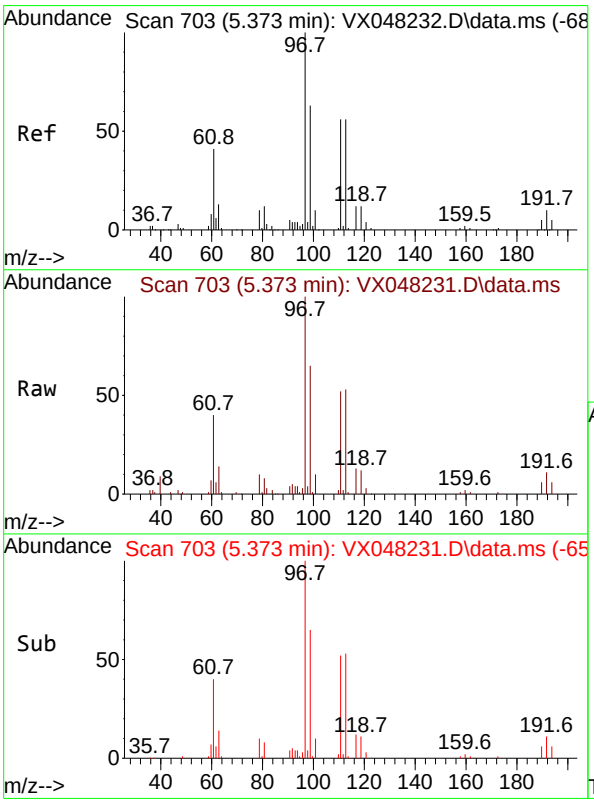
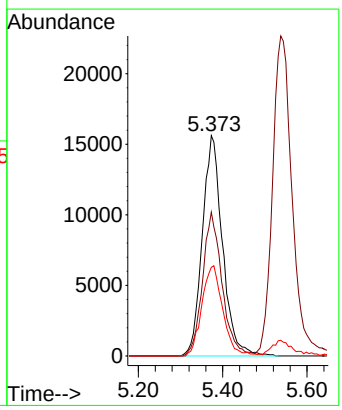
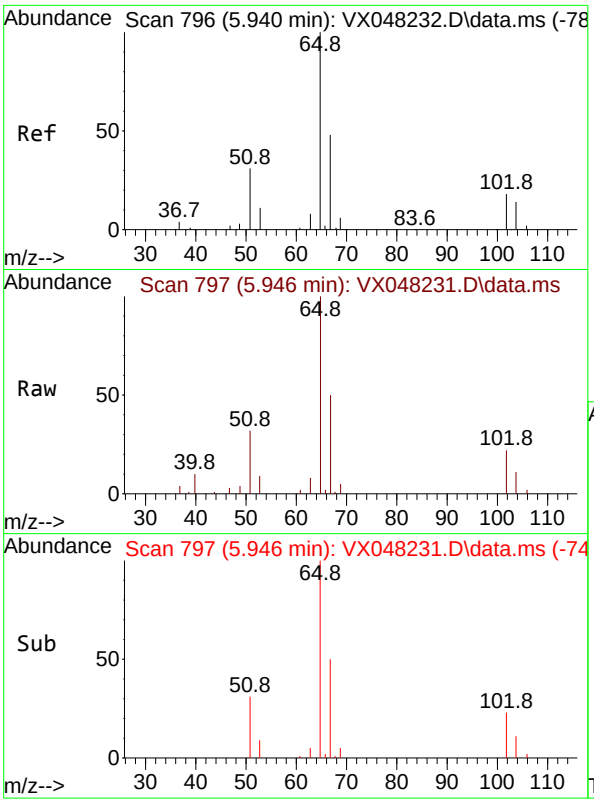



#32
1,1,1-Trichloroethane
Concen: 21.672 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 97 Resp: 51929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.0 | 51.7 | 77.5 |
| 61 | 42.4 | 34.8 | 52.2 |

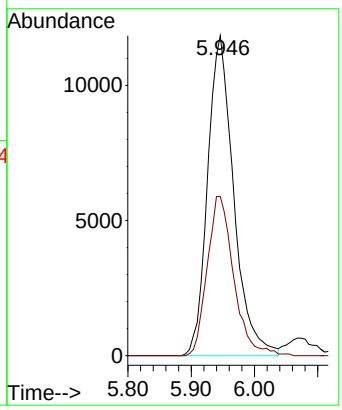





#33
1,2-Dichloroethane-d4
Concen: 18.312 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 65 Resp: 3393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.6 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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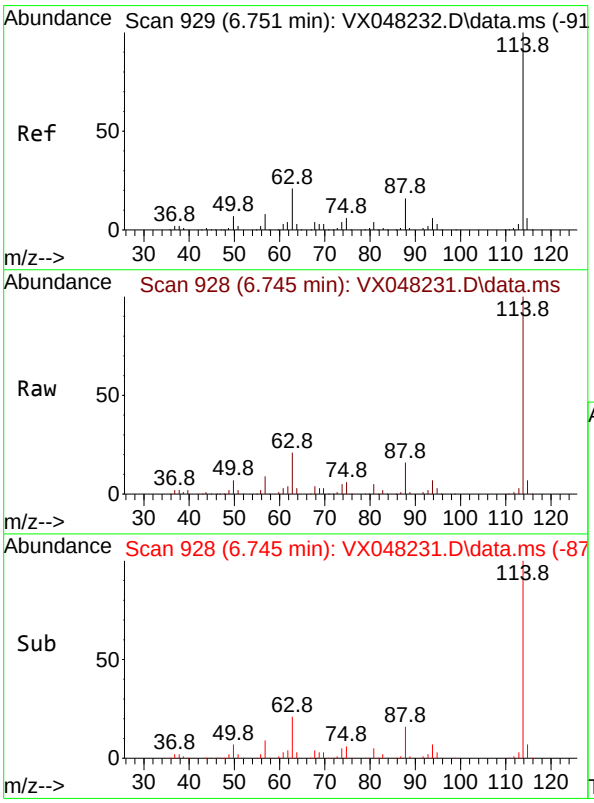
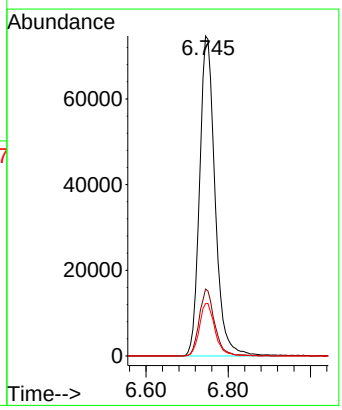
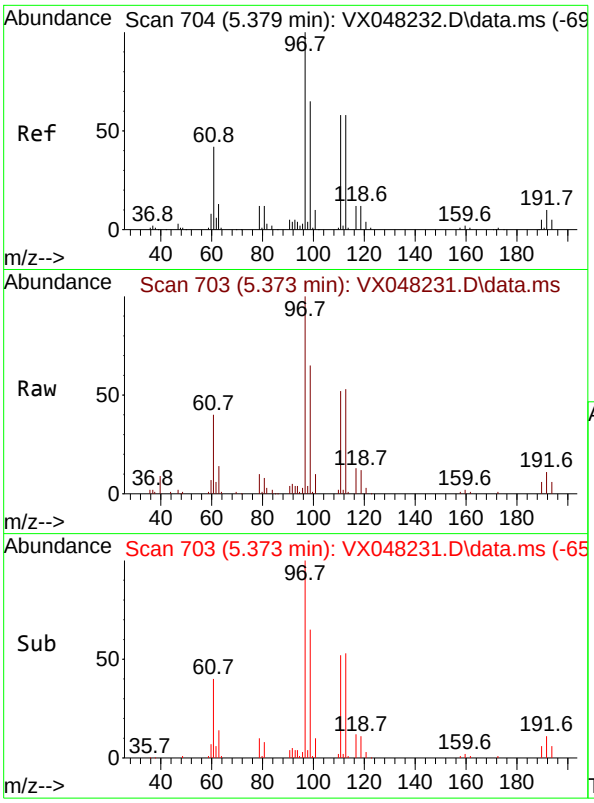



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:114 Resp: 195028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.9 | 0.0 | 43.2 |
| 88 | 16.4 | 0.0 | 33.6 |

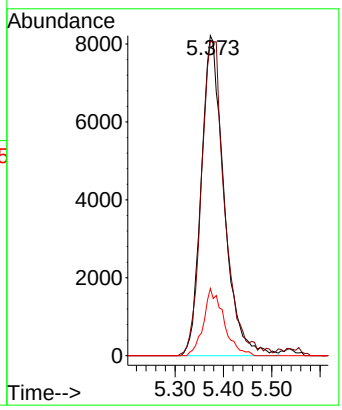





#35
Dibromofluoromethane
Concen: 19.872 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:113 Resp: 2689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.7 | 82.2 | 123.4 |
| 192 | 18.8 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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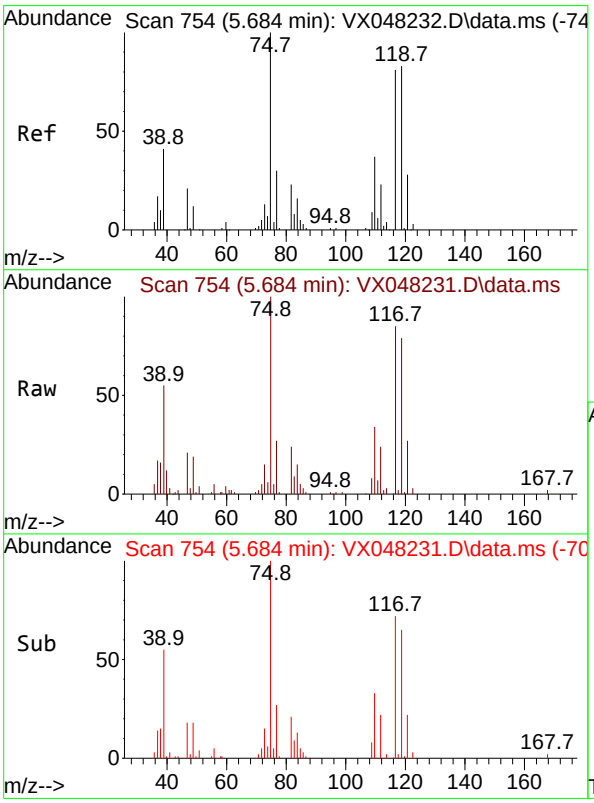
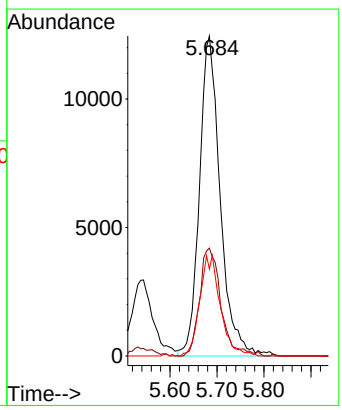
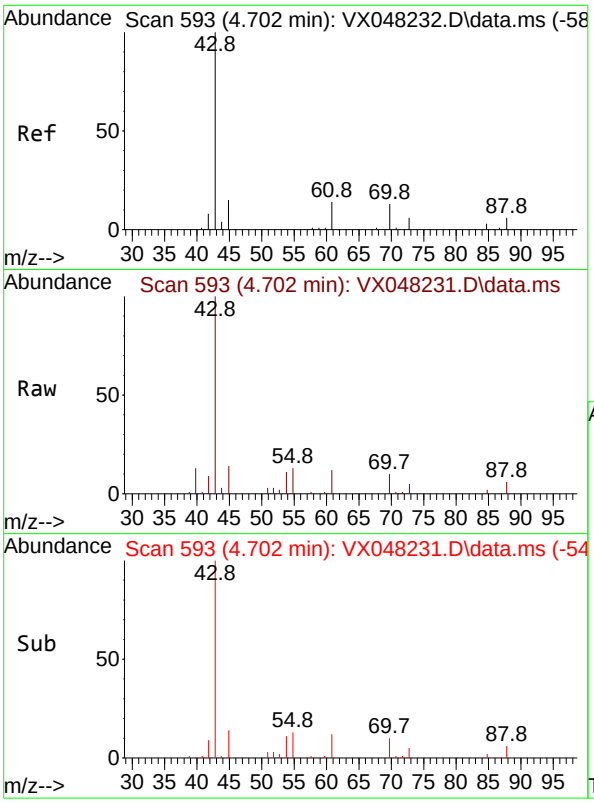



#36
1,1-Dichloropropene
Concen: 20.071 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 38270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.6 | 17.7 | 53.1 |
| 77 | 31.1 | 24.3 | 36.5 |

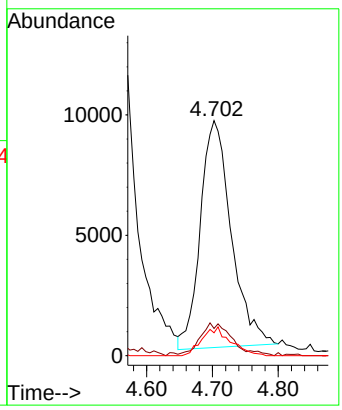





#37
Ethyl Acetate
Concen: 20.280 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 3090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.8 | 10.6 | 15.8 |
| 70 | 11.7 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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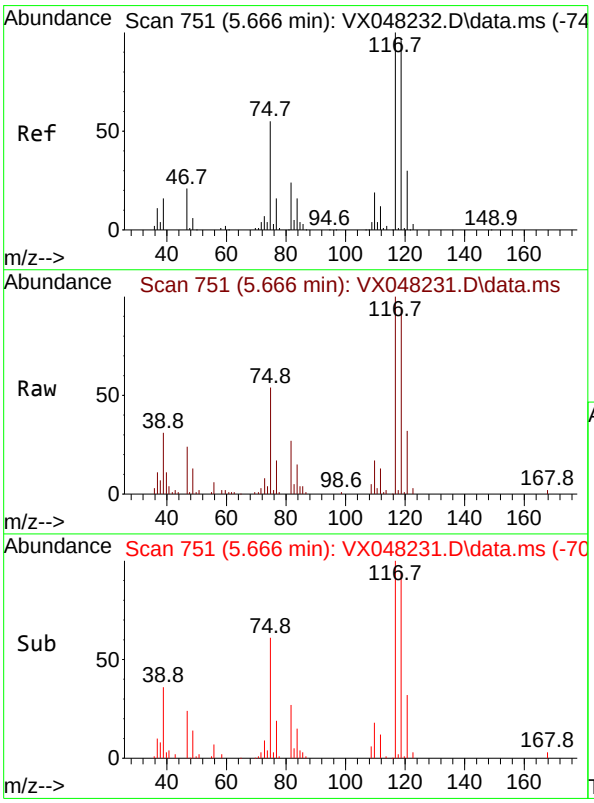
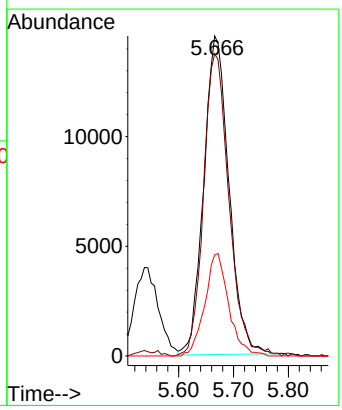
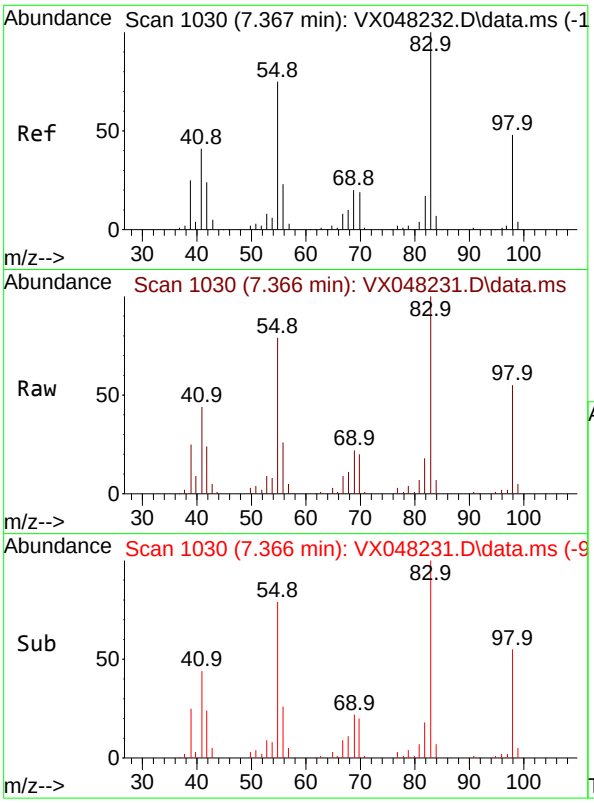



#38
Carbon Tetrachloride
Concen: 21.166 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 46323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 77.2 | 115.8 |
| 121 | 31.8 | 24.8 | 37.2 |

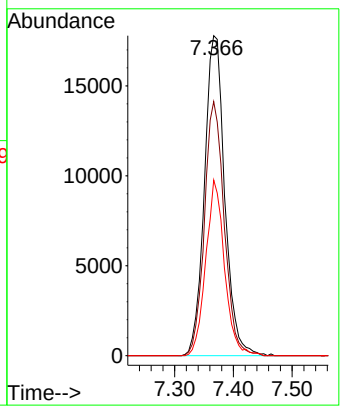





#39
Methylcyclohexane
Concen: 19.897 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 4277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 79.4 | 66.2 | 99.2 |
| 98 | 54.9 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
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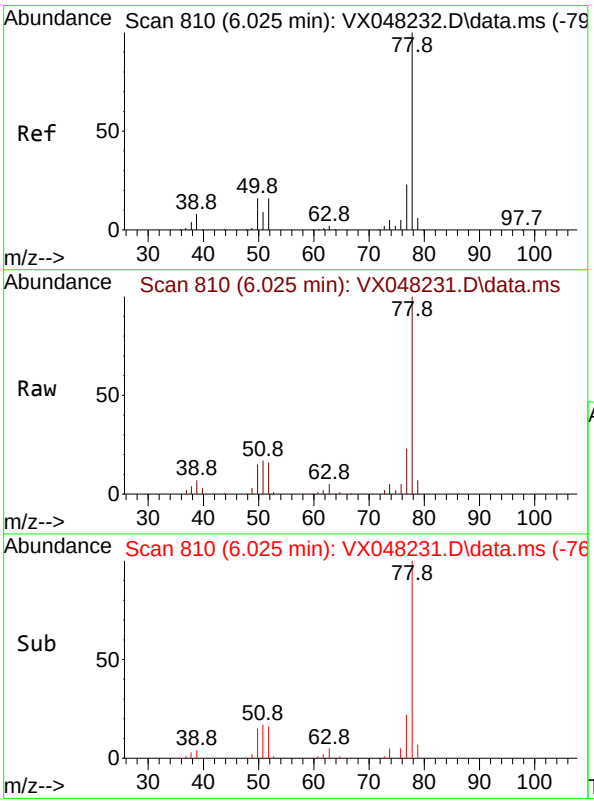
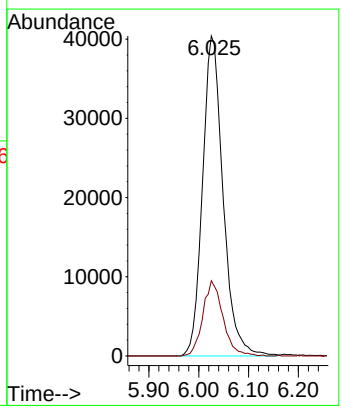
Supervised By :Semsettin Yesilyurt 10/21/2025

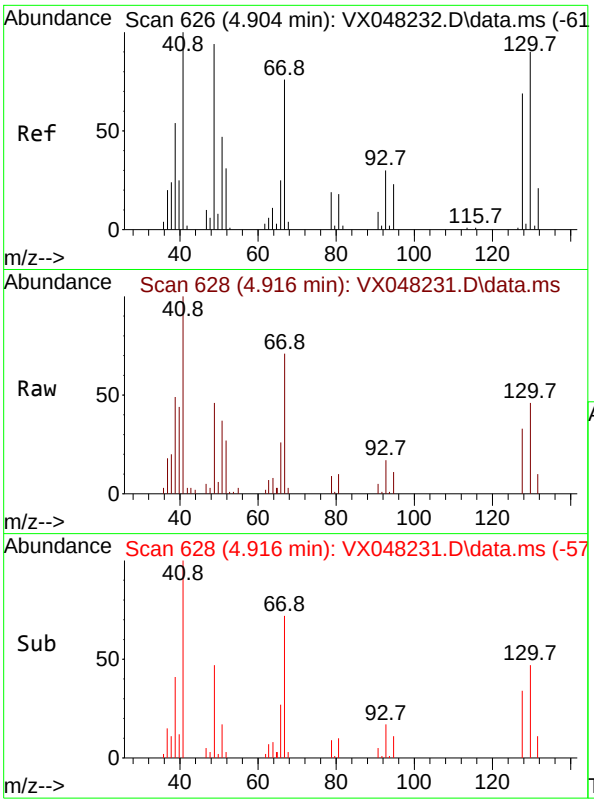



#40
Benzene
Concen: 20.398 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 78 Resp: 115488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 19.3 | 28.9 |

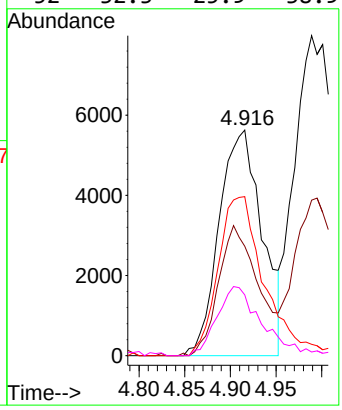





#41
Methacrylonitrile
Concen: 22.621 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 1846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.4 | 44.0 | 66.0 |
| 67 | 76.9 | 58.7 | 88.1 |
| 52 | 32.3 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
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VSTDICC020

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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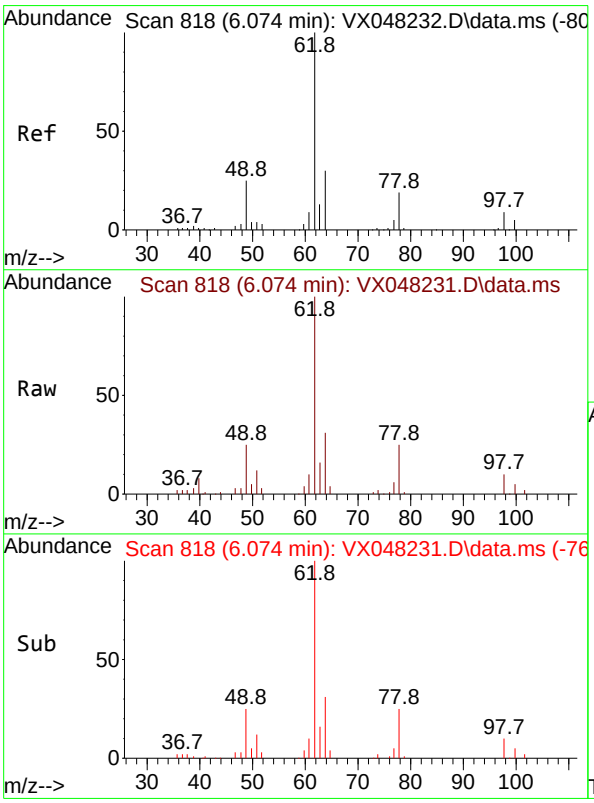
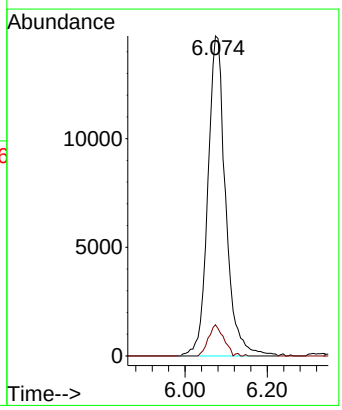
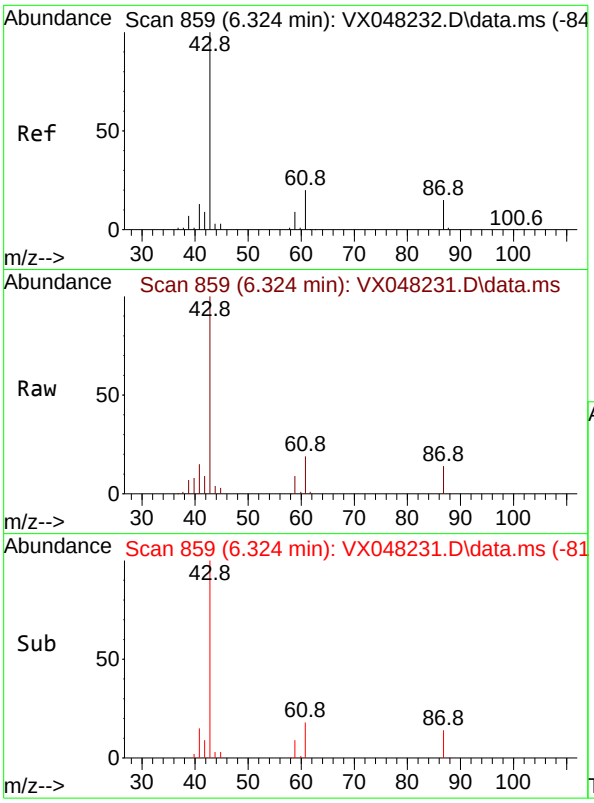



#42
1,2-Dichloroethane
Concen: 21.778 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 44176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.5 | 0.0 | 17.2 |

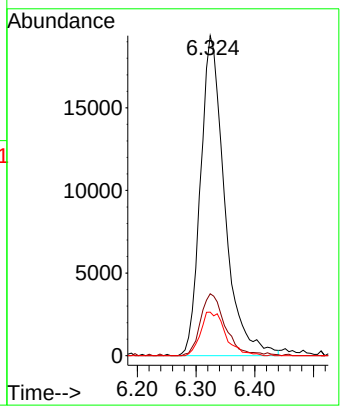





#43
Isopropyl Acetate
Concen: 21.625 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 5531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.9 | 14.9 | 22.3 |
| 87 | 14.1 | 9.4 | 14.2 |




**Instrument :**
MSVOA_X
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VSTDICC020

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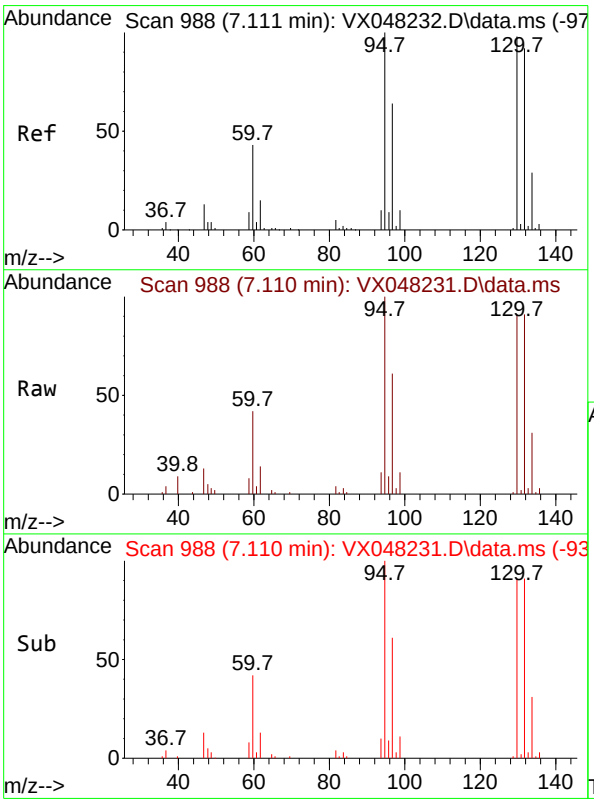
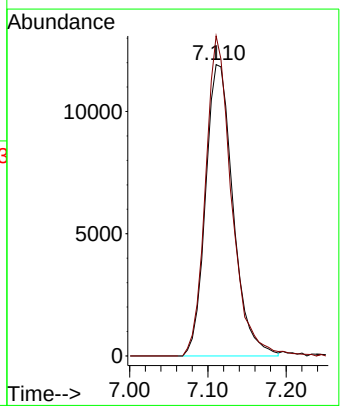
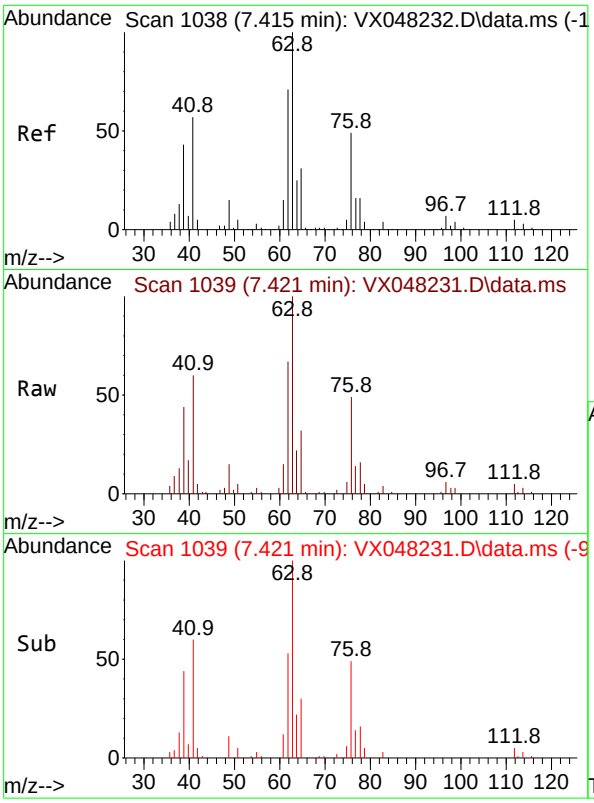



#44
Trichloroethene
Concen: 20.399 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:130 Resp: 29108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 109.8 | 0.0 | 200.6 |

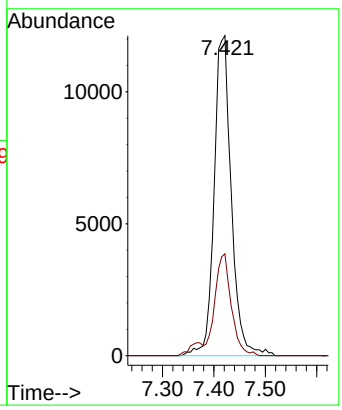





#45
1,2-Dichloropropane
Concen: 19.709 ug/l
RT: 7.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 2824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.8 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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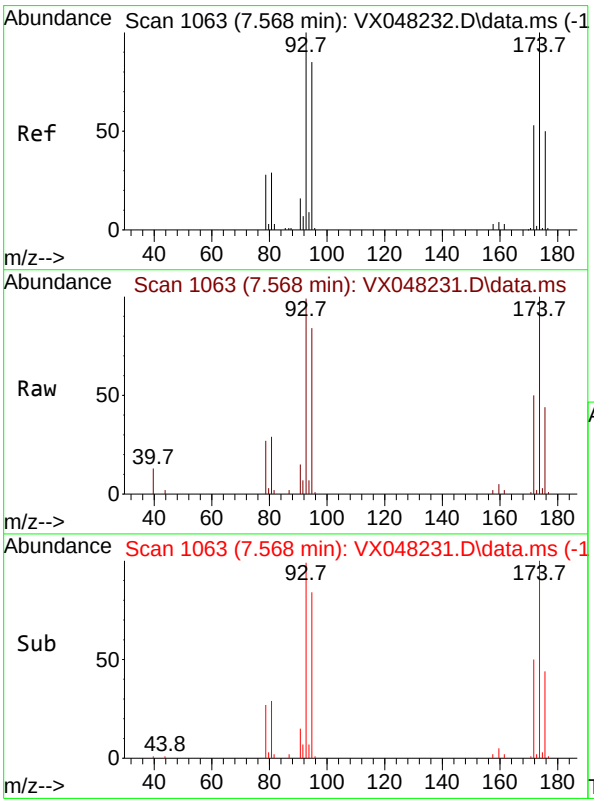
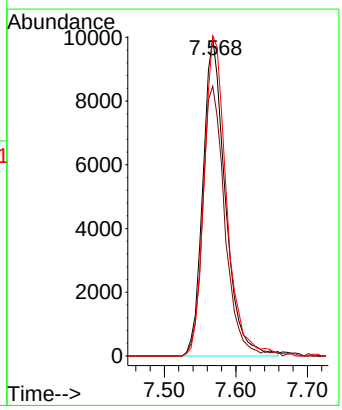
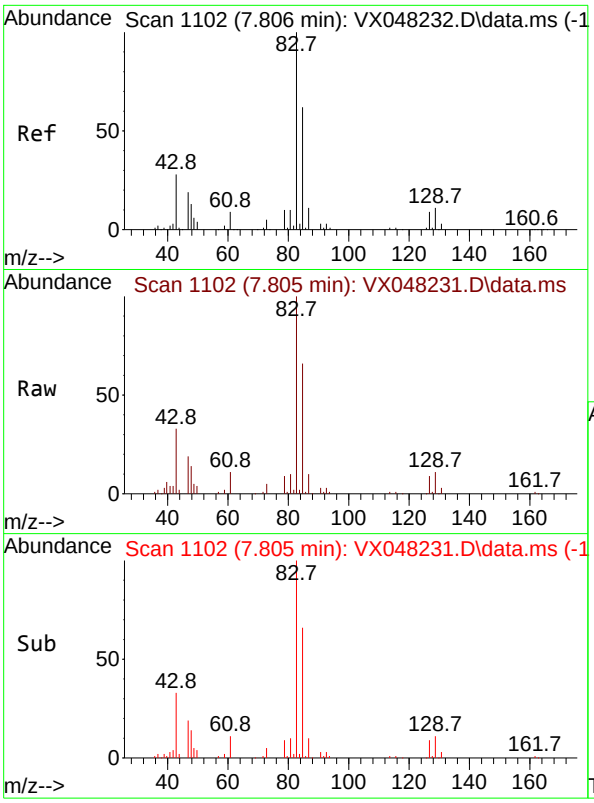



#46
Dibromomethane
Concen: 20.955 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 93 Resp: 21605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.4 | 65.9 | 98.9 |
| 174 | 101.4 | 71.7 | 107.5 |

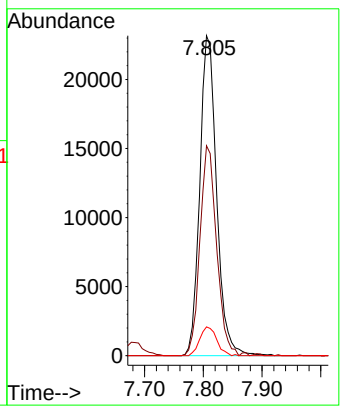





#47
Bromodichloromethane
Concen: 20.743 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 4622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.6 | 52.2 | 78.4 |
| 127 | 9.0 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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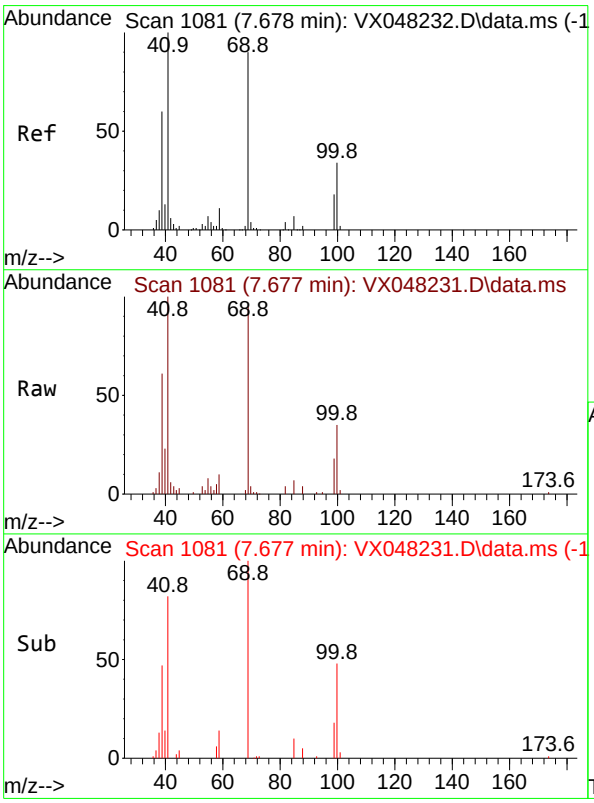
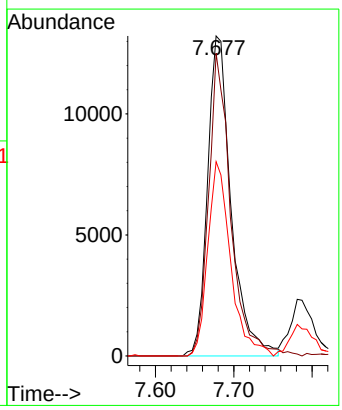
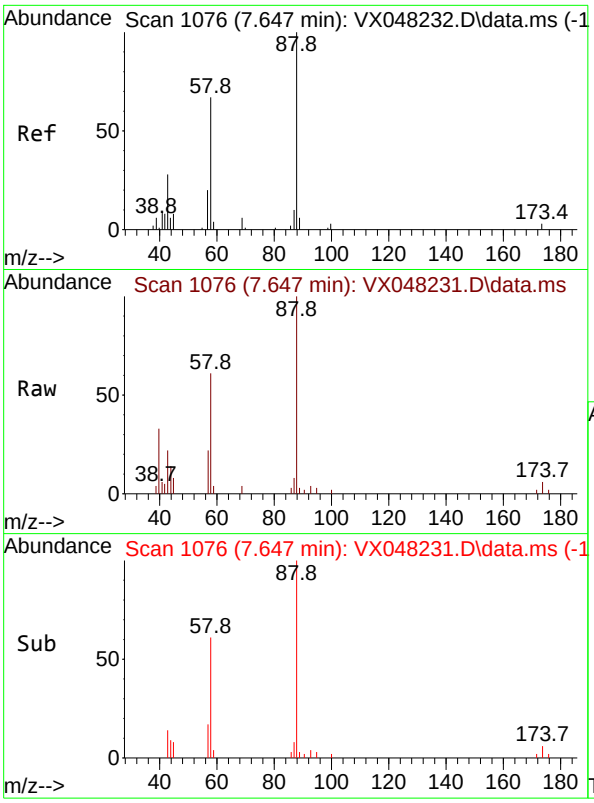



#48
Methyl methacrylate
Concen: 21.193 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 27751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 88.6 | 63.4 | 95.0 |
| 39 | 58.7 | 47.1 | 70.7 |

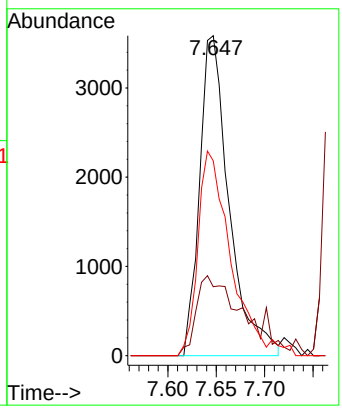





#49
1,4-Dioxane
Concen: 646.470 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 88 Resp: 762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.0 | 35.0 | 52.4 |
| 58 | 71.5 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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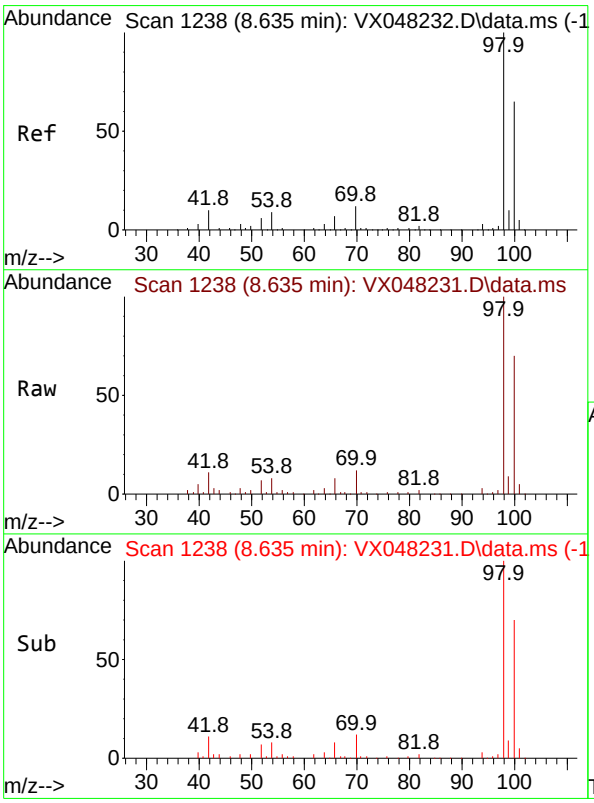
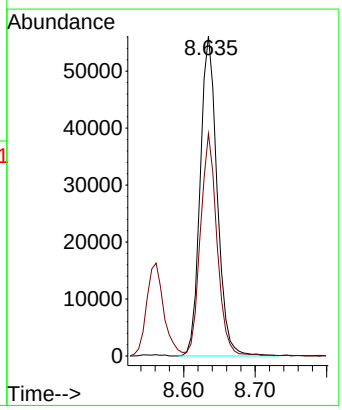
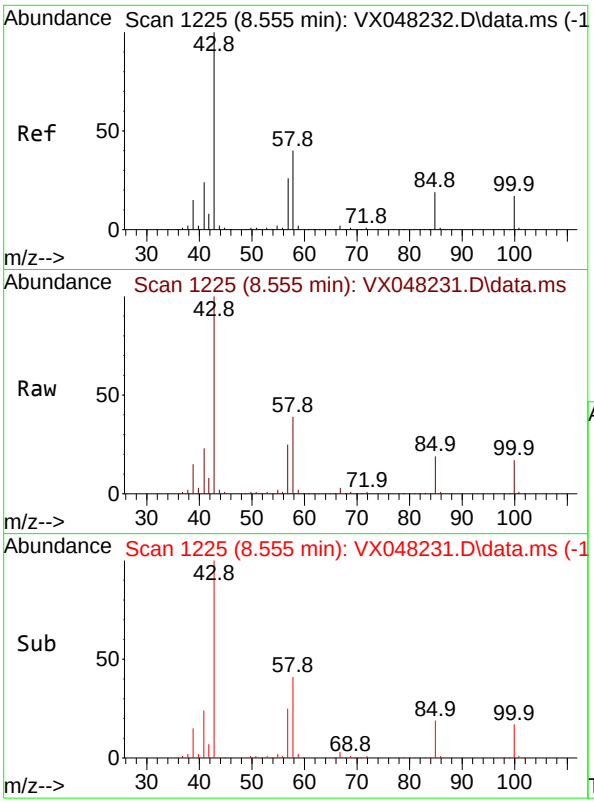



#50
Toluene-d8
Concen: 18.965 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 98 Resp: 92476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.8 | 53.0 | 79.4 |

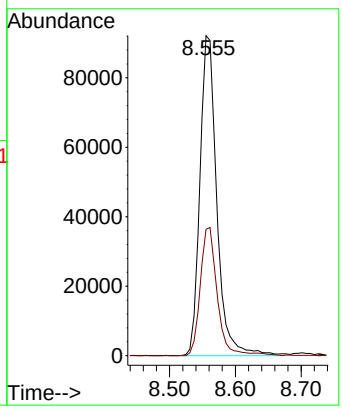





#51
4-Methyl-2-Pentanone
Concen: 115.713 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 16470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.3 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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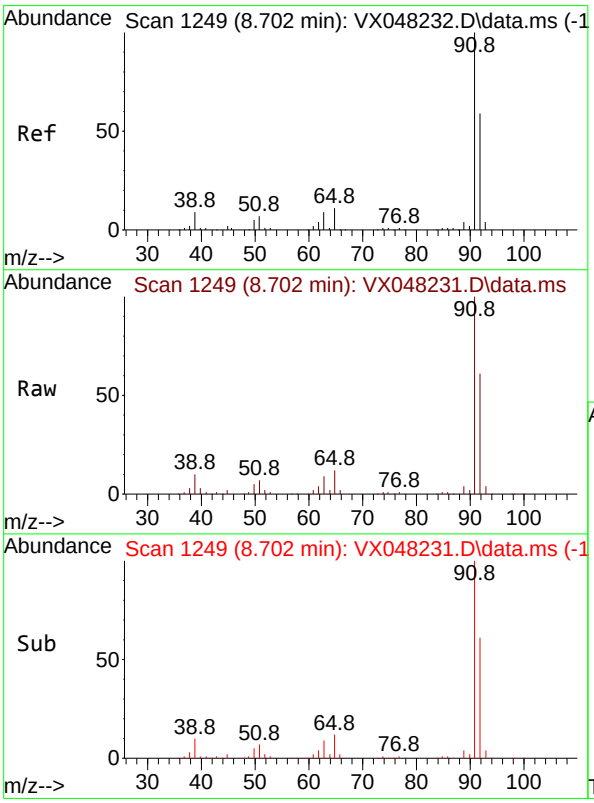
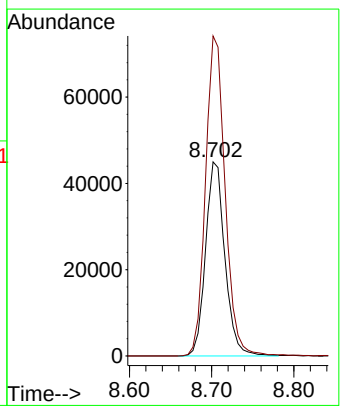
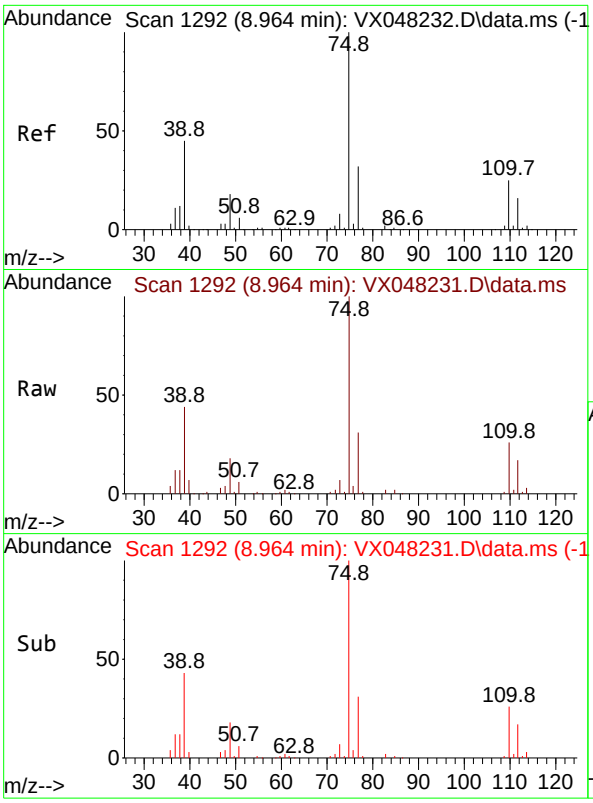



#52
Toluene
Concen: 21.635 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 92 Resp: 73623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 167.2 | 136.1 | 204.1 |

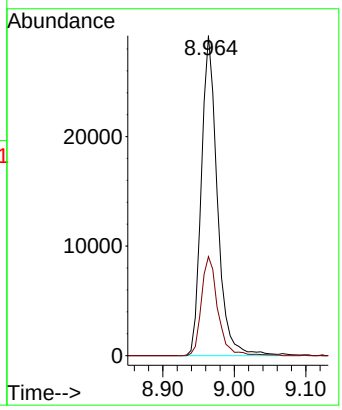





#53
t-1,3-Dichloropropene
Concen: 21.756 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 4541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
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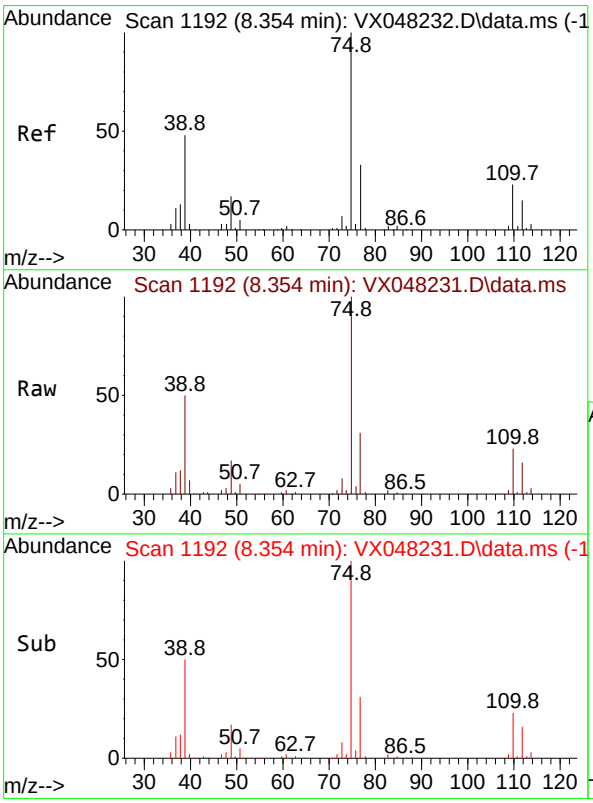
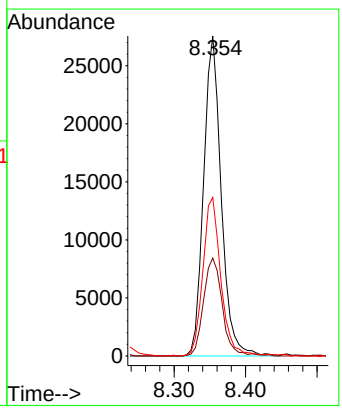
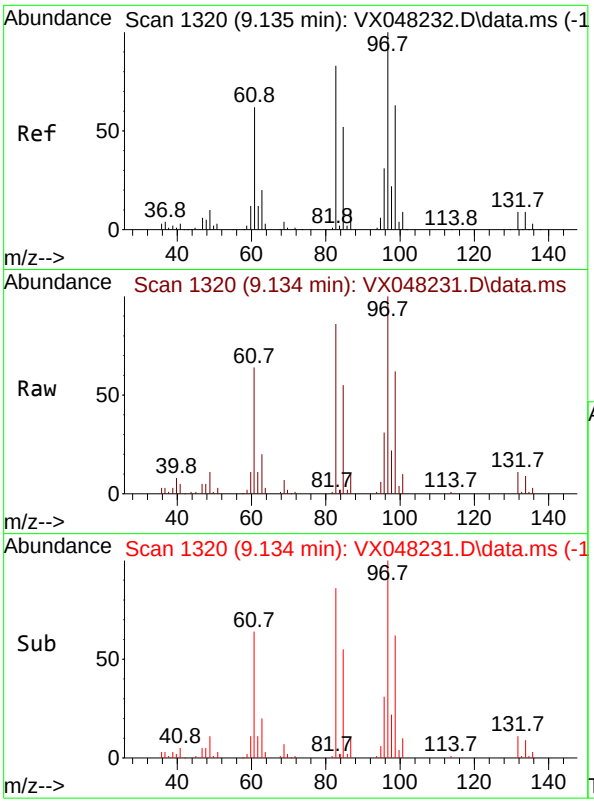



#54
cis-1,3-Dichloropropene
Concen: 20.713 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 47130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.6 | 24.9 | 37.3 |
| 39 | 49.5 | 42.6 | 64.0 |

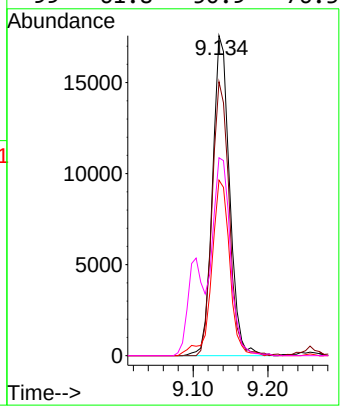





#55
1,1,2-Trichloroethane
Concen: 21.961 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 97 Resp: 2788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.6 | 70.6 | 105.8 |
| 85 | 54.9 | 45.0 | 67.6 |
| 99 | 61.8 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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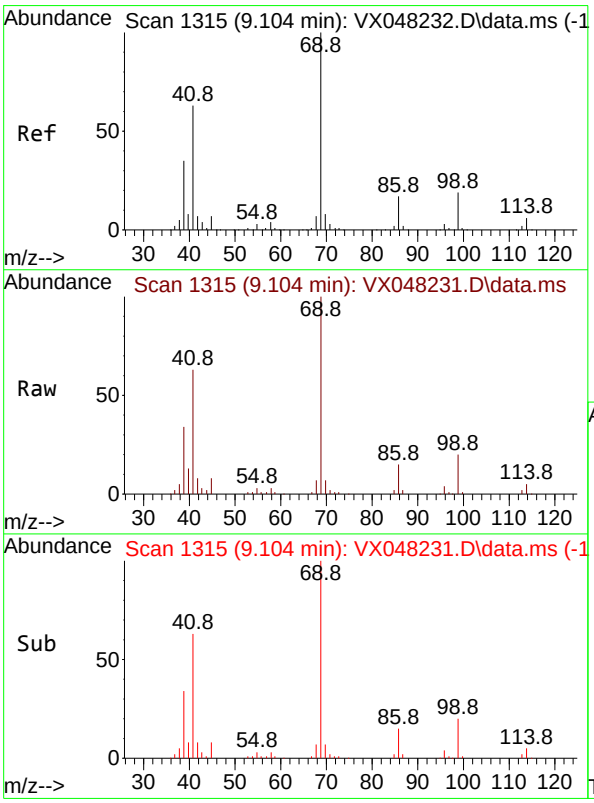
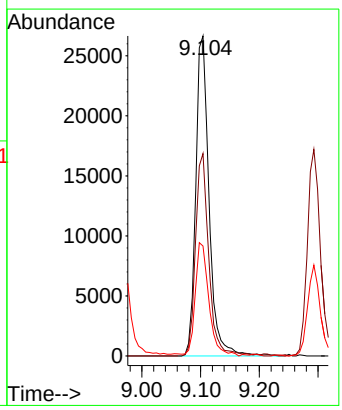
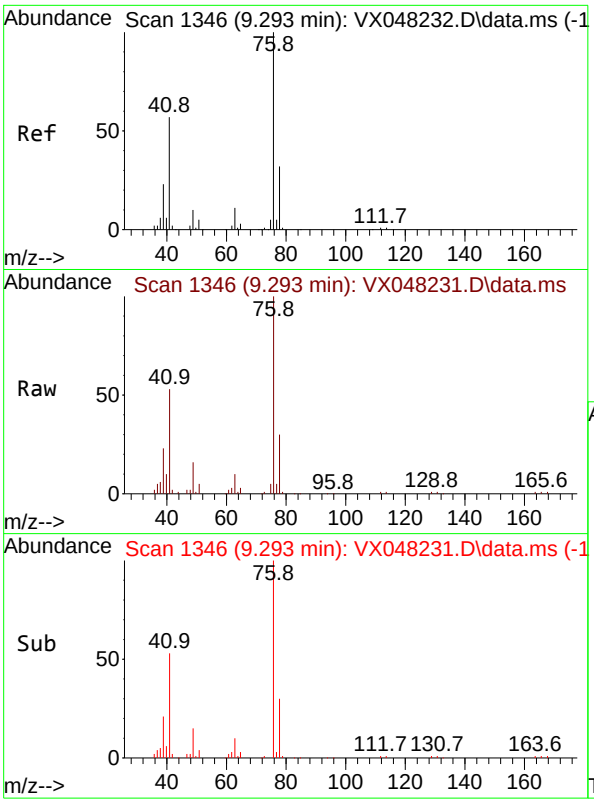



#56
Ethyl methacrylate
Concen: 24.210 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 69 Resp: 41809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.2 | 56.0 | 84.0 |
| 39 | 36.3 | 31.6 | 47.4 |

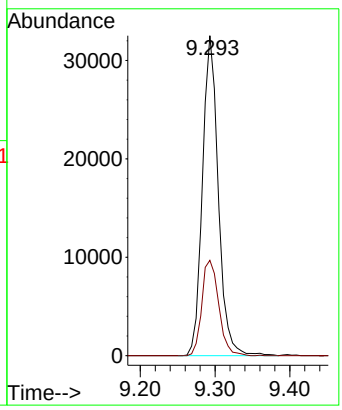





#57
1,3-Dichloropropane
Concen: 21.591 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 76 Resp: 4789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.7 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
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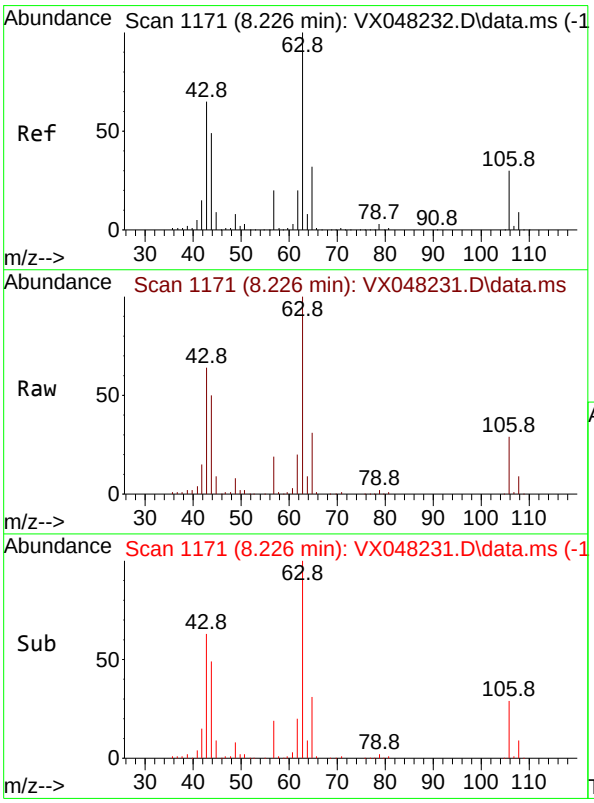
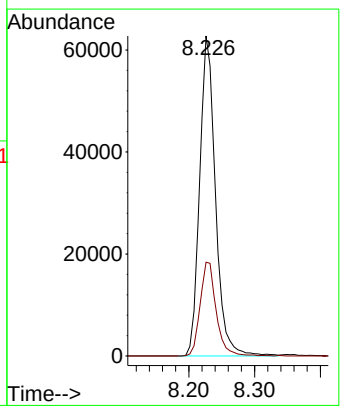
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

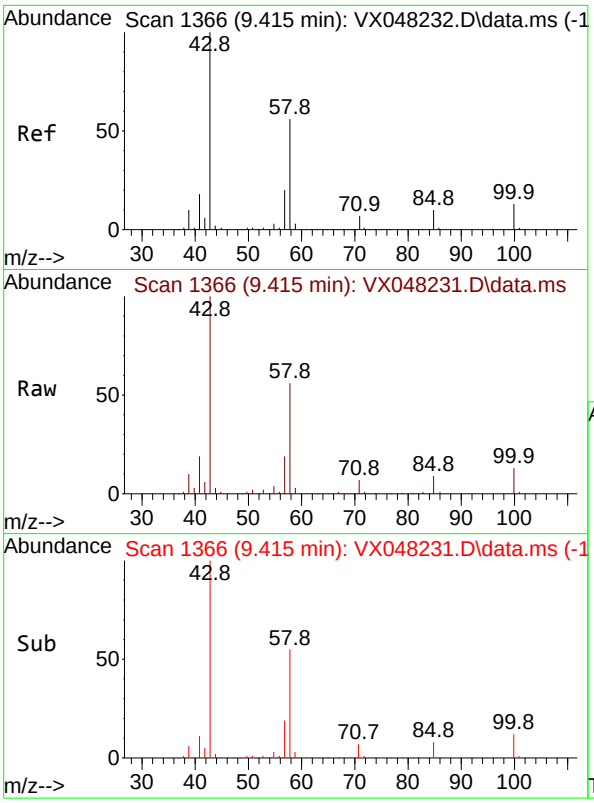



#58
2-Chloroethyl Vinyl ether
Concen: 118.278 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 104883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.7 | 22.2 | 33.2 |

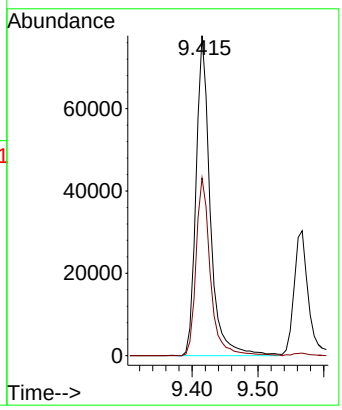





#59
2-Hexanone
Concen: 116.777 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 11626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.1 | 26.3 | 78.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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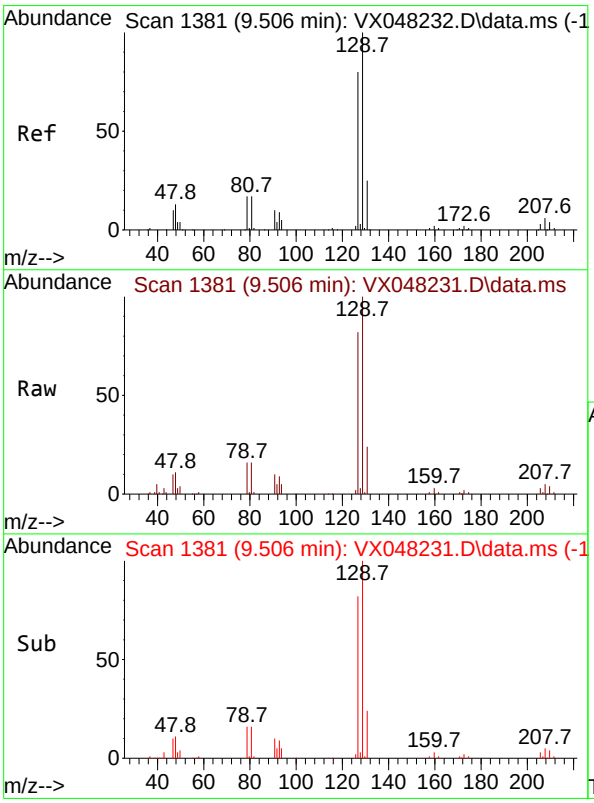
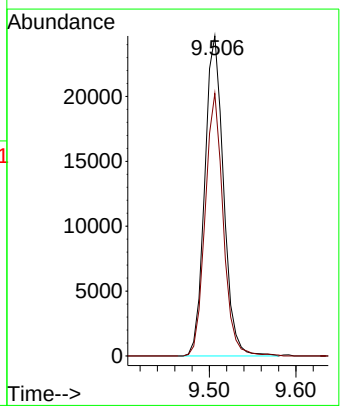
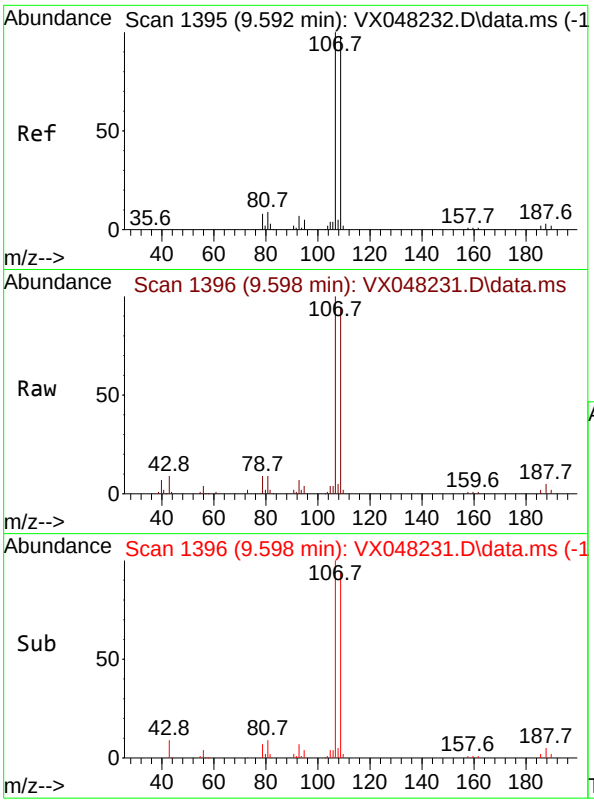



#60
Dibromochloromethane
Concen: 23.361 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:129 Resp: 37127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.9 | 38.6 | 115.7 |

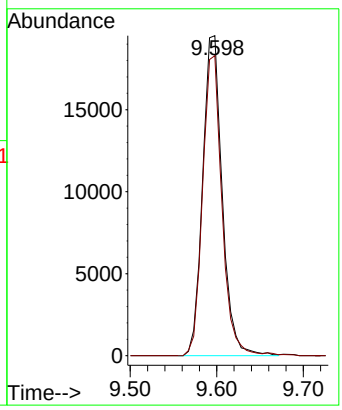





#61
1,2-Dibromoethane
Concen: 23.533 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:107 Resp: 3063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.2 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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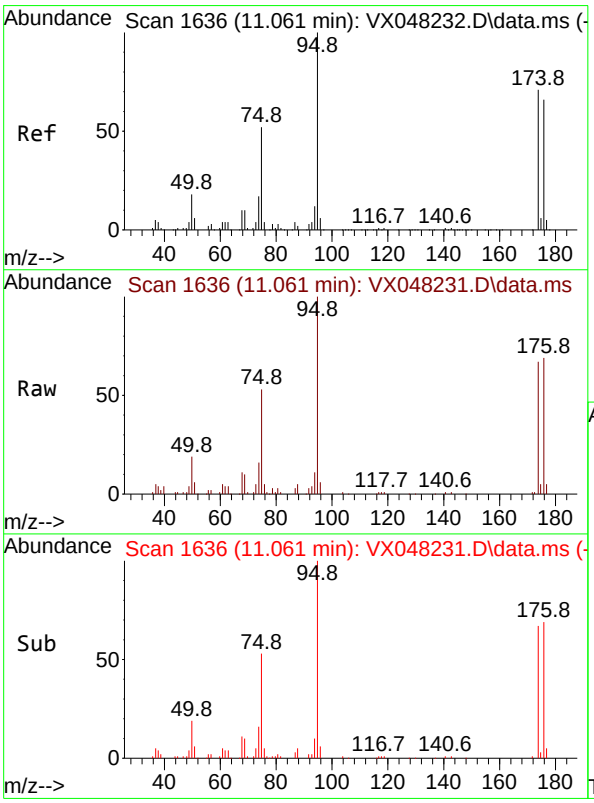
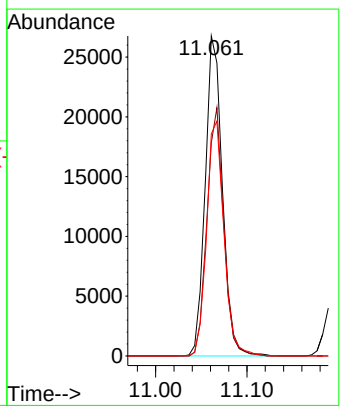
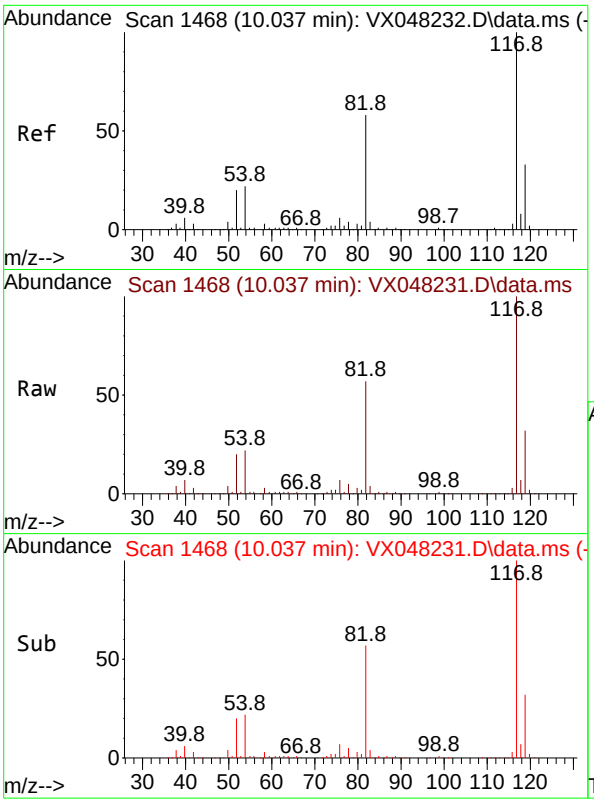



#62
4-Bromofluorobenzene
Concen: 19.551 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 95 Resp: 34724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.8 | 0.0 | 147.8 |
| 176 | 74.3 | 0.0 | 142.8 |

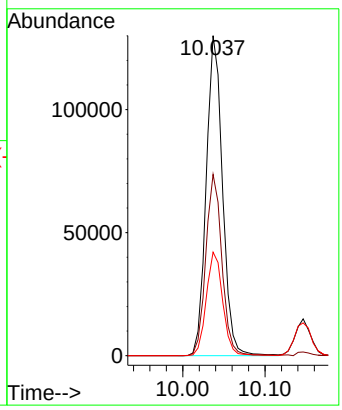





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 17897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.6 | 46.5 | 69.7 |
| 119 | 32.4 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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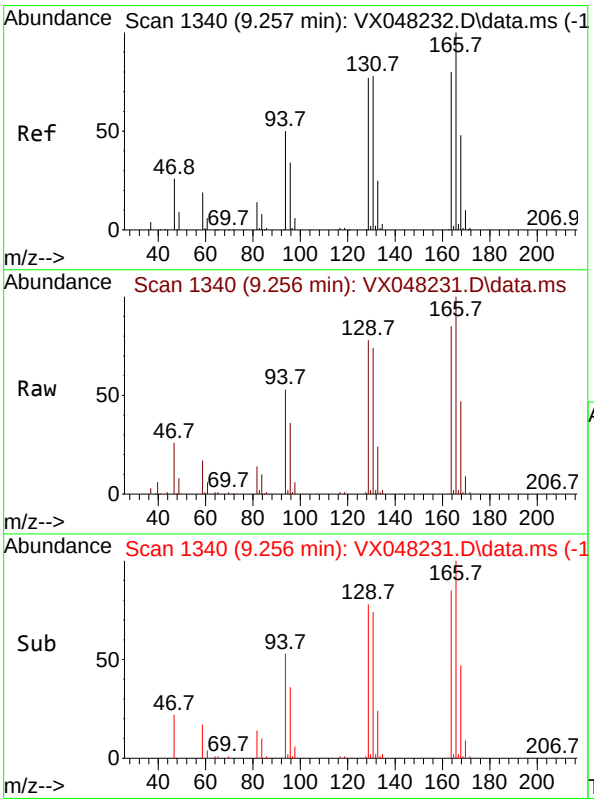
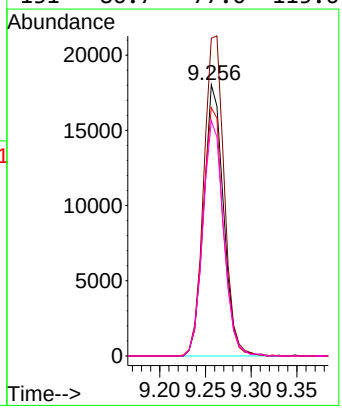
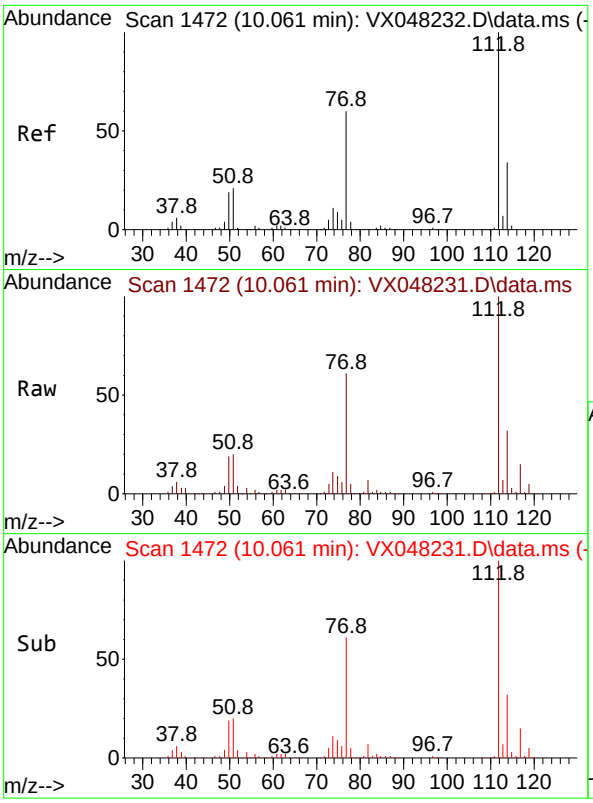



#64
Tetrachloroethene
Concen: 21.550 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:164 Resp: 27043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 117.2 | 104.5 | 156.7 |
| 129 | 91.6 | 81.8 | 122.6 |
| 131 | 86.7 | 77.0 | 115.6 |

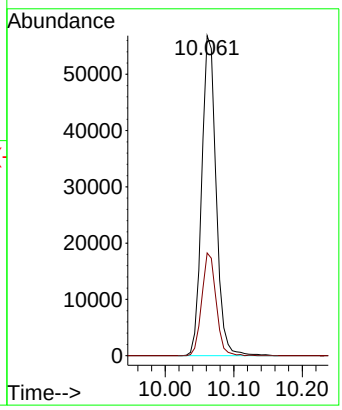





#65
Chlorobenzene
Concen: 21.211 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:112 Resp: 8300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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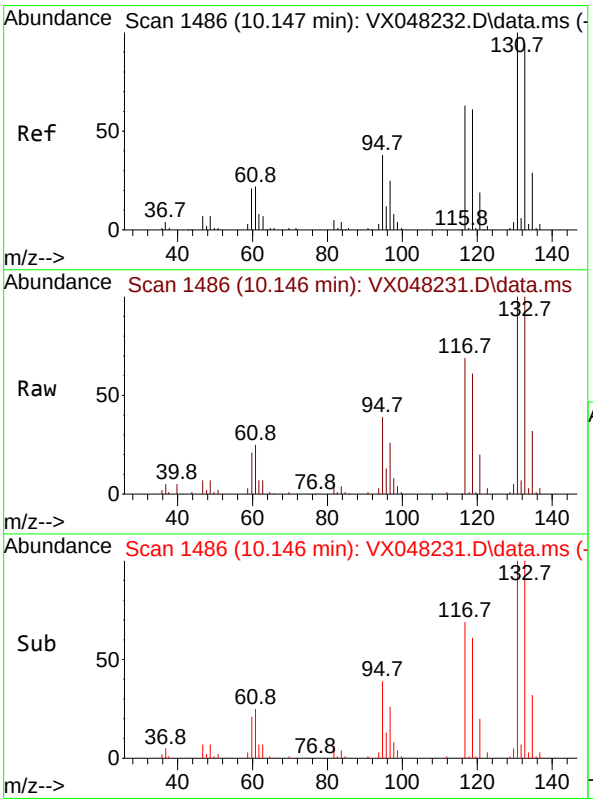
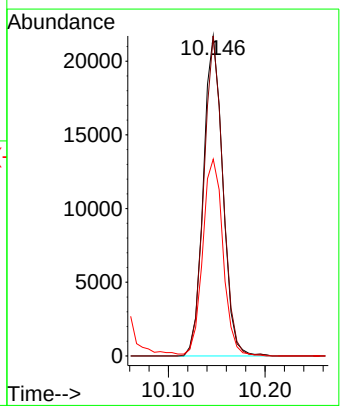
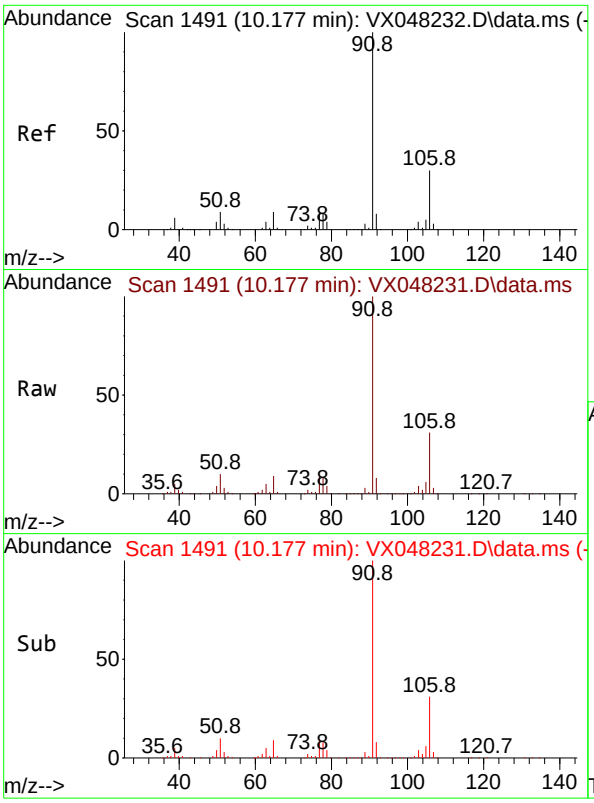



#66
1,1,1,2-Tetrachloroethane
Concen: 21.471 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:131 Resp: 30278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 98.2 | 47.6 | 142.8 |
| 119 | 64.5 | 32.5 | 97.5 |






#67
Ethyl Benzene
Concen: 20.852 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 13989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 23.8 | 35.6 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
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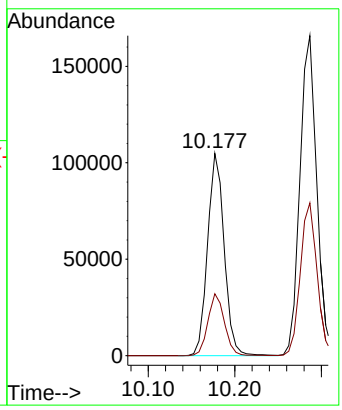
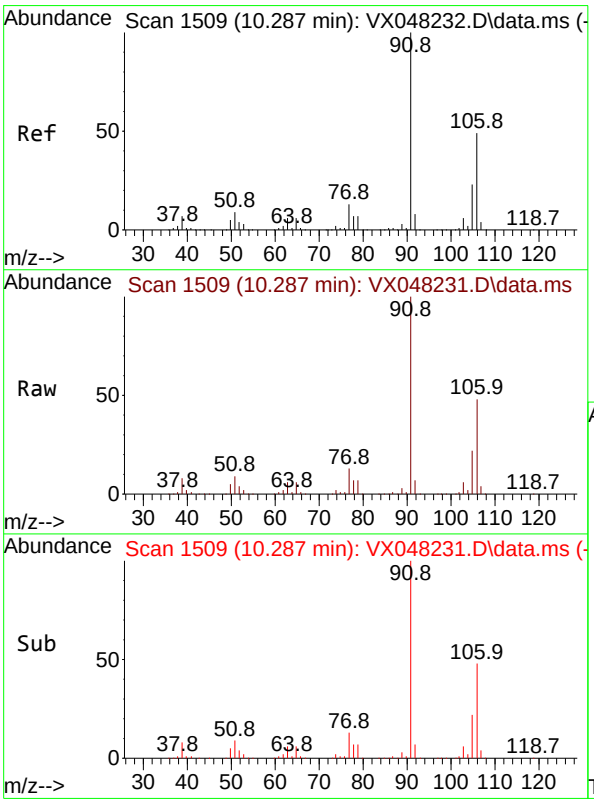
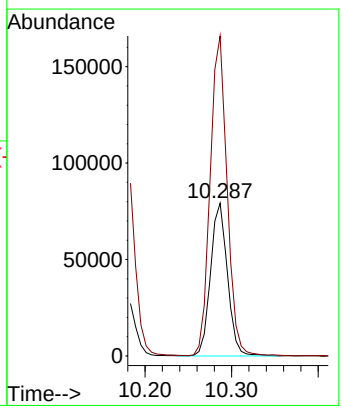


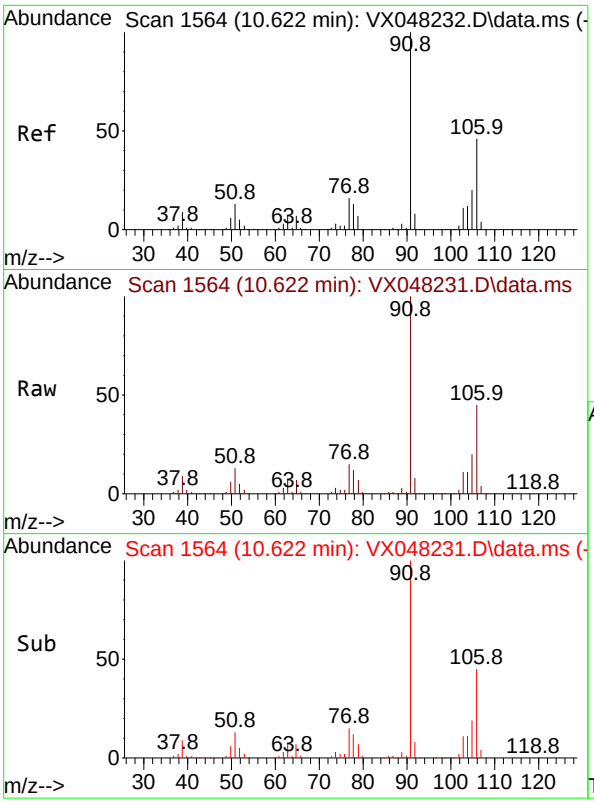




#68
m/p-Xylenes
Concen: 42.962 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:106 Resp: 107377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.9 | 167.9 | 251.9 |

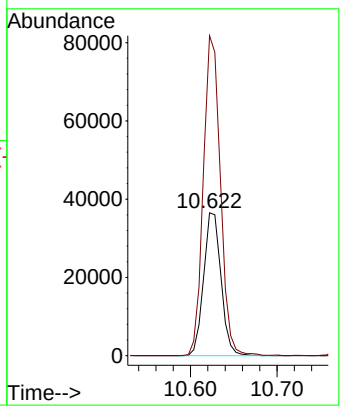





#69
o-Xylene
Concen: 21.655 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:106 Resp: 5095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 220.1 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

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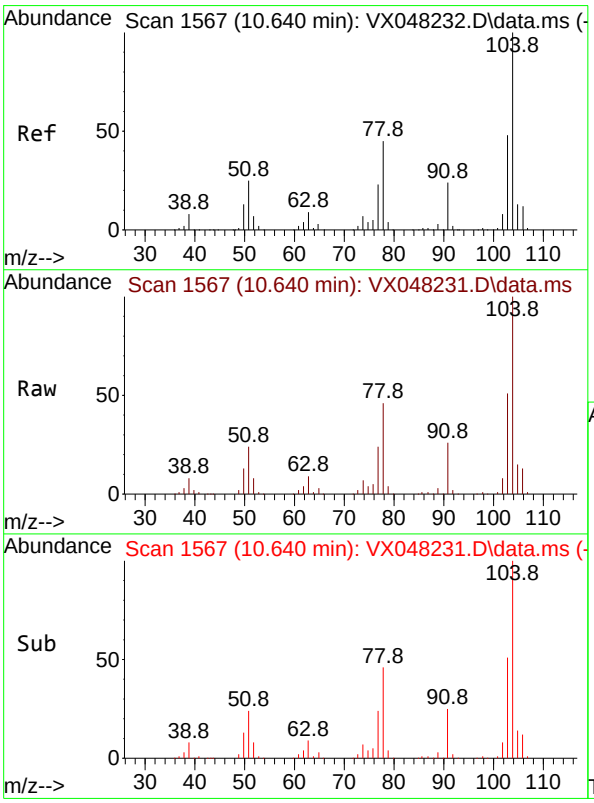
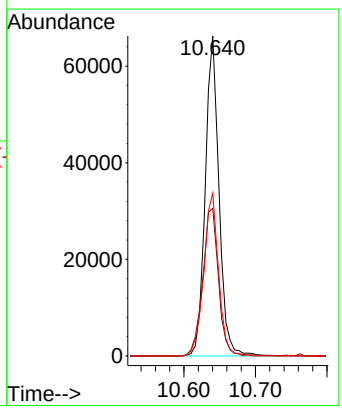
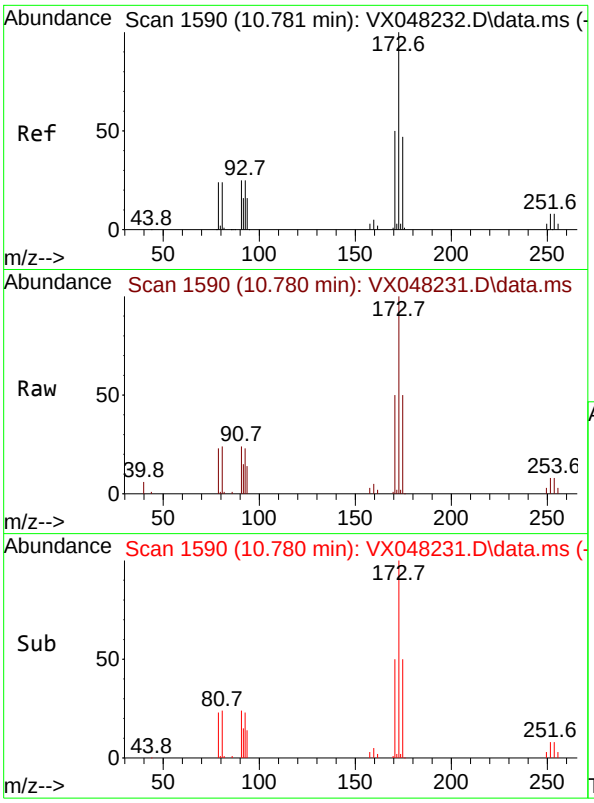



#70
Styrene
Concen: 21.848 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:104 Resp: 88481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.5 | 42.2 | 63.4 |
| 103 | 54.7 | 43.0 | 64.4 |

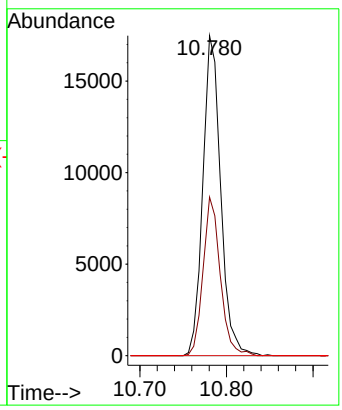





#71
Bromoform
Concen: 24.168 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:173 Resp: 2502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.8 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
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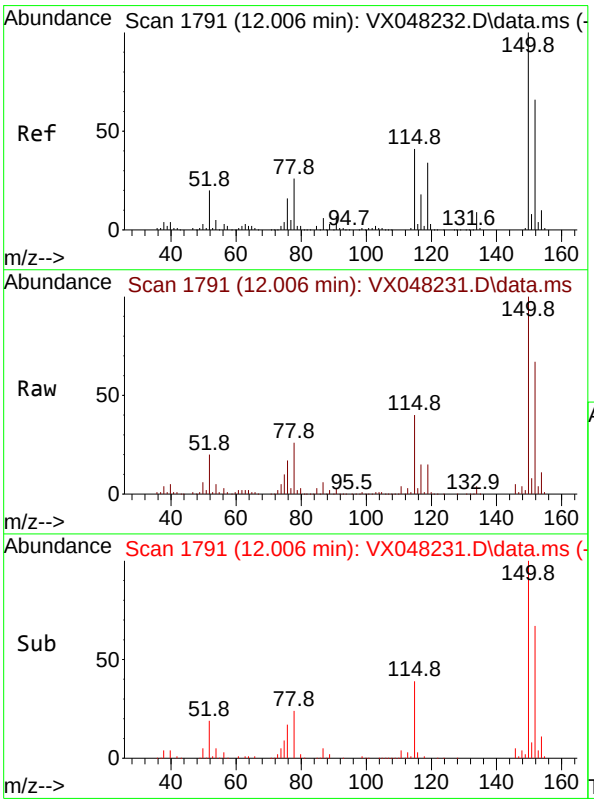
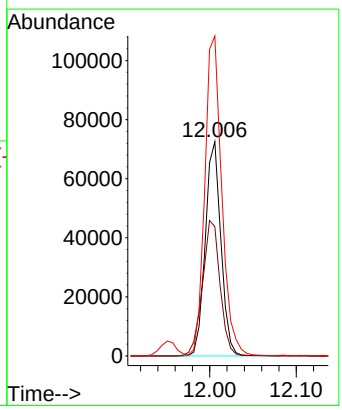
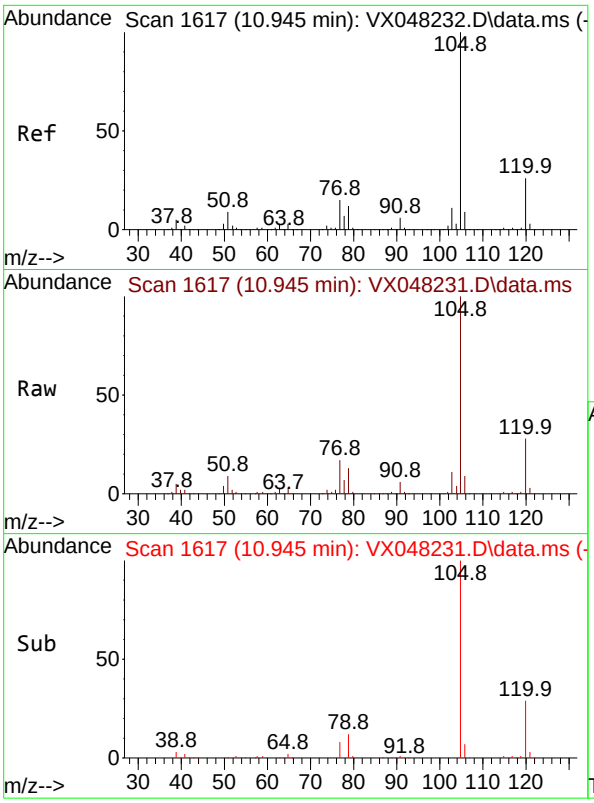



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:152 Resp: 90972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 71.1 | 43.1 | 129.4 |
| 150 | 161.6 | 0.0 | 353.0 |

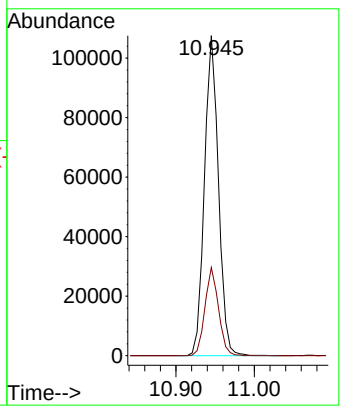





#73
Isopropylbenzene
Concen: 21.025 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 13303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 13.0 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

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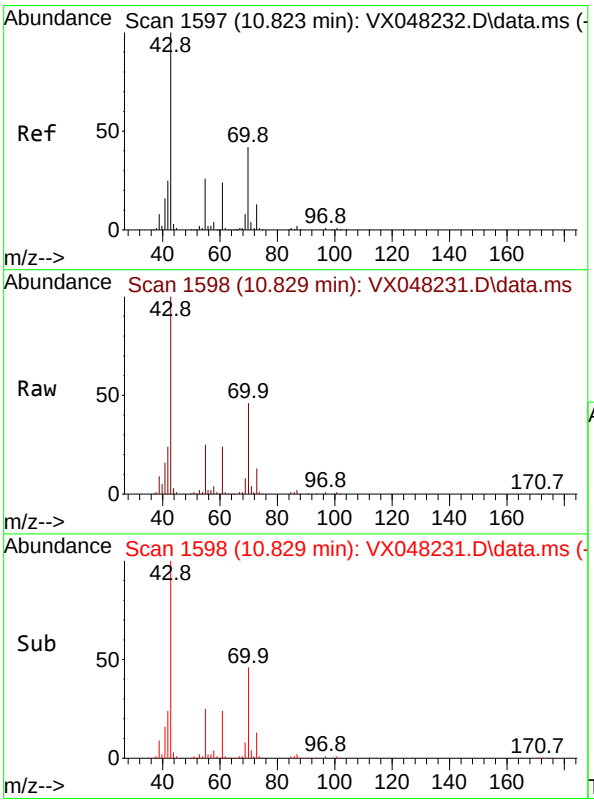
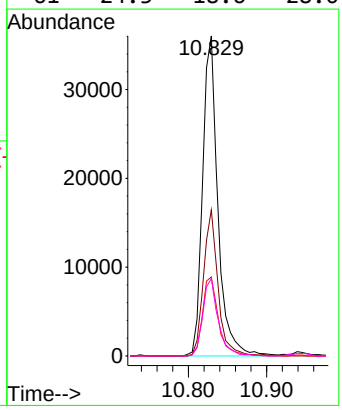
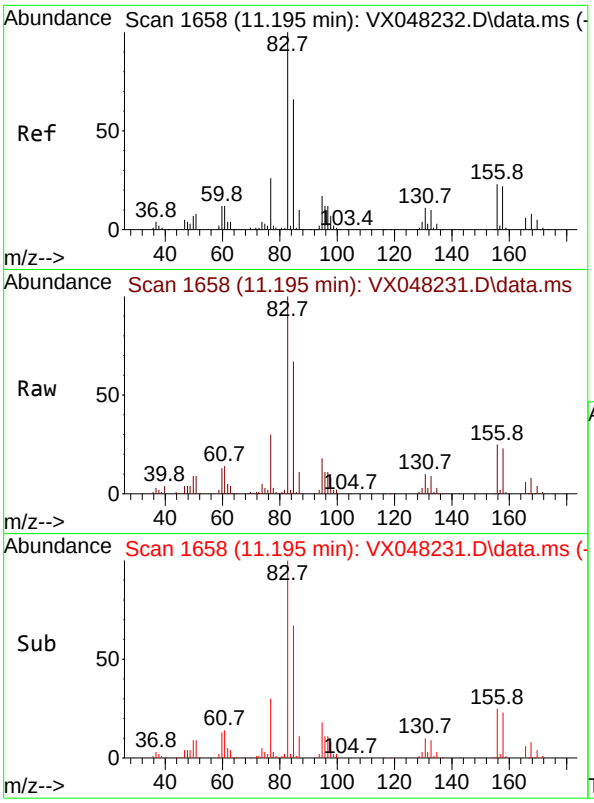



#74
N-amyl acetate
Concen: 20.642 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 48726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.4 | 32.2 | 48.2 |
| 55 | 25.5 | 19.1 | 28.7 |
| 61 | 24.3 | 18.6 | 28.0 |

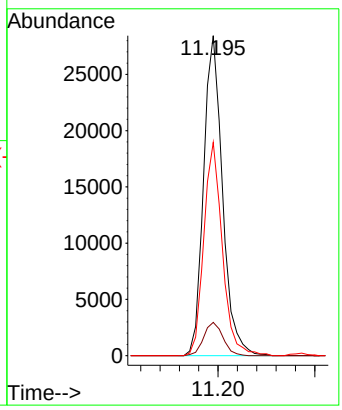





#75
1,1,2,2-Tetrachloroethane
Concen: 21.616 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 3874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.6 | 4.8 | 14.4 |
| 85 | 65.2 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
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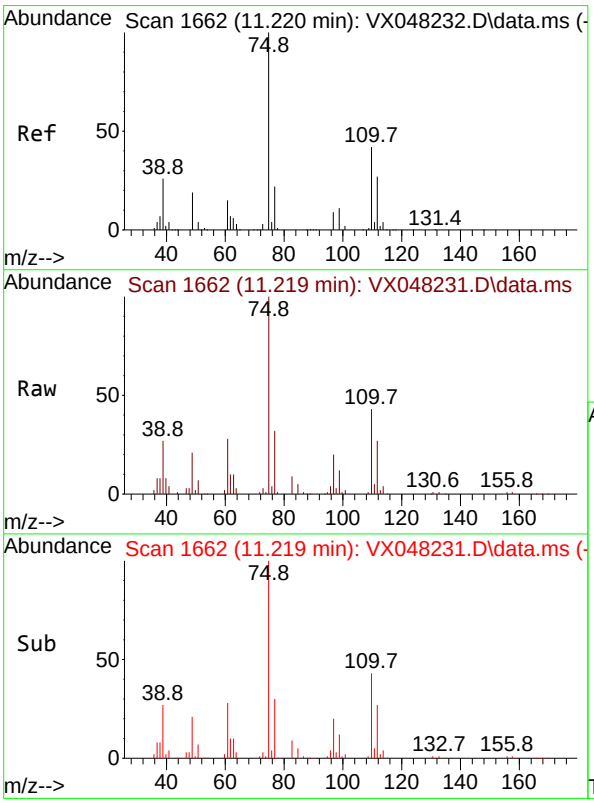
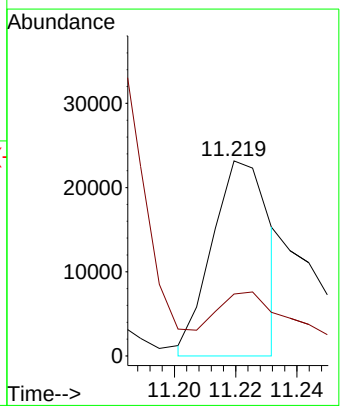
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

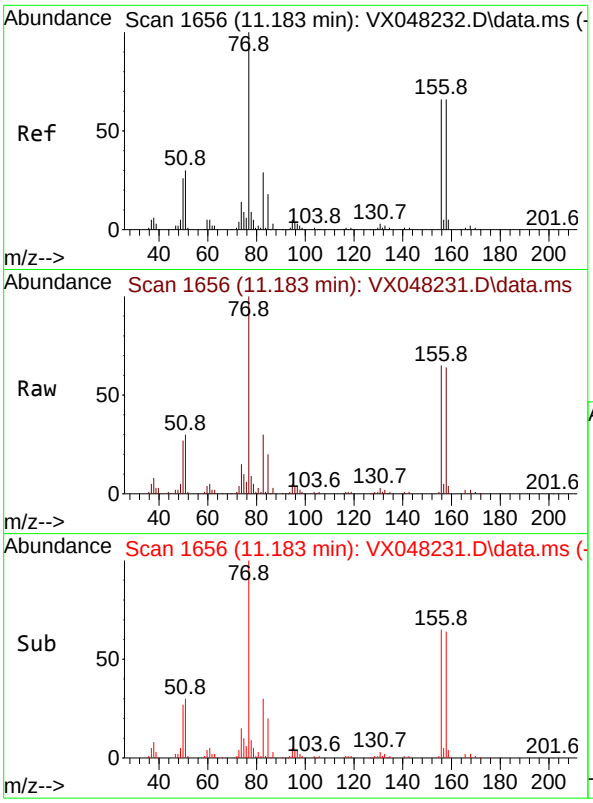



#76
1,2,3-Trichloropropane
Concen: 21.533 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 29913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.2 | 22.4 | 67.2 |

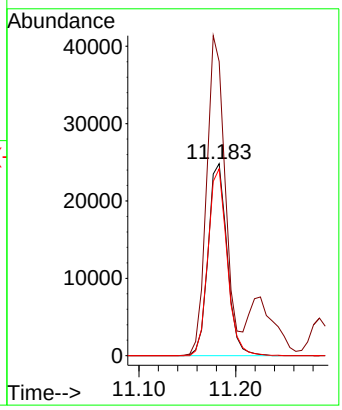





#77
Bromobenzene
Concen: 21.374 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:156 Resp: 3384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 164.0 | 87.0 | 261.0 |
| 158 | 97.7 | 47.8 | 143.4 |




**Instrument :**
MSVOA_X
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VSTDICC020

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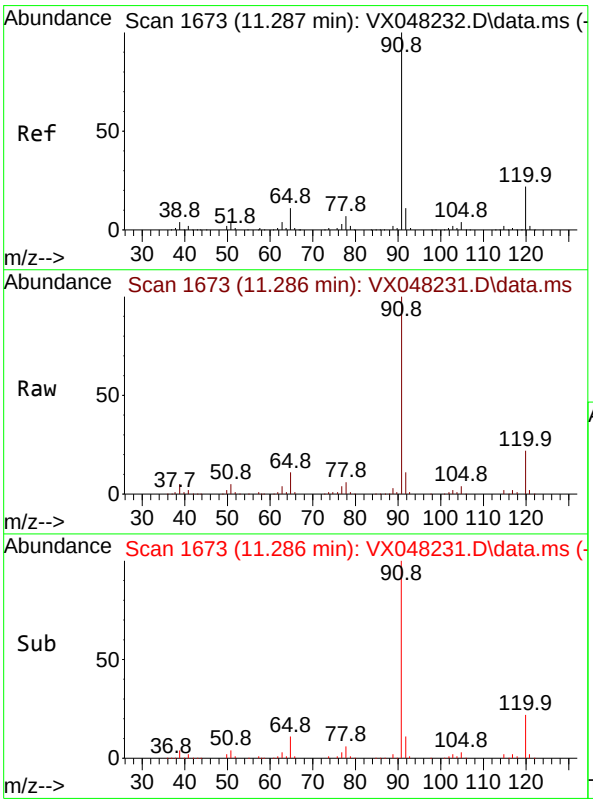
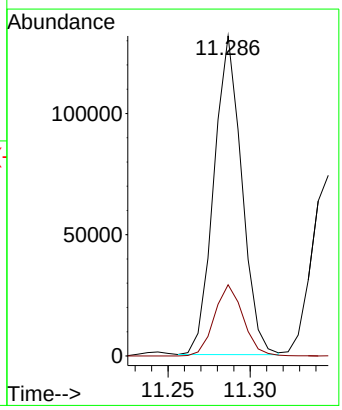
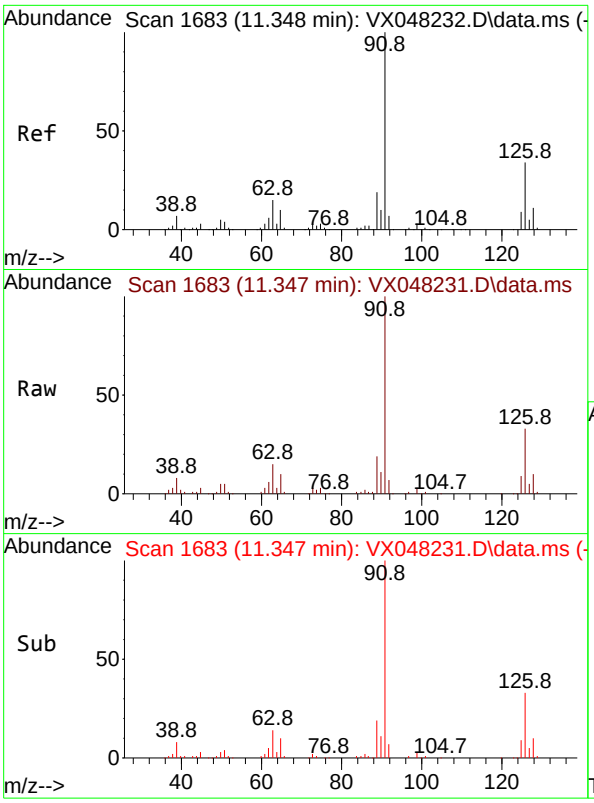



#78
n-propylbenzene
Concen: 20.180 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 154839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.1 | 11.1 | 33.1 |

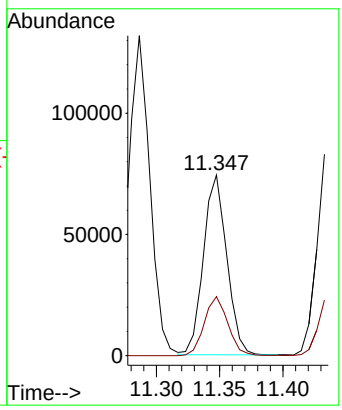





#79
2-Chlorotoluene
Concen: 20.526 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 9515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.3 | 16.4 | 49.4 |




**Instrument :**
MSVOA_X
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VSTDICC020

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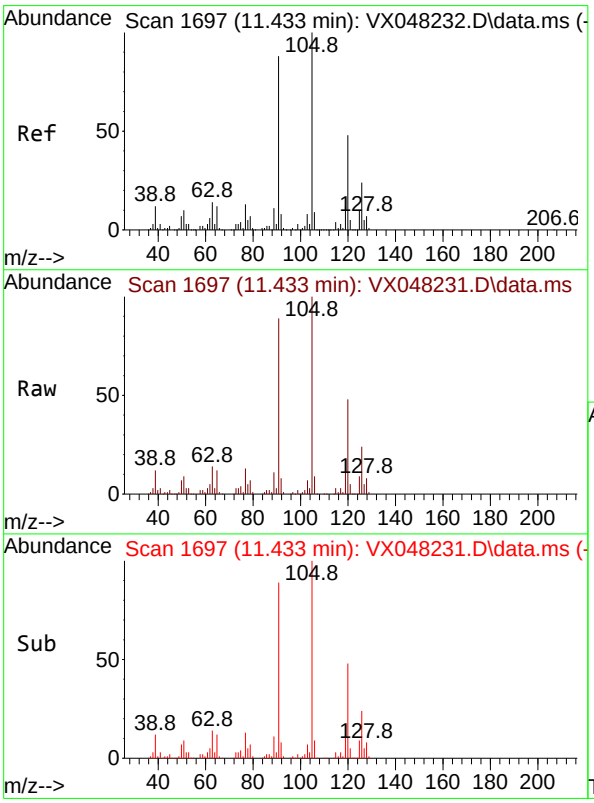
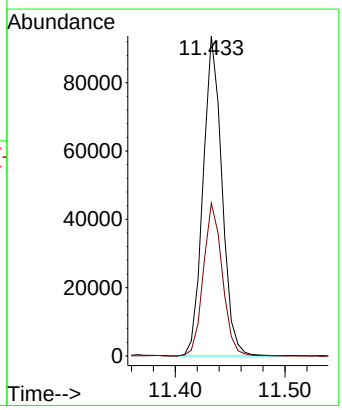
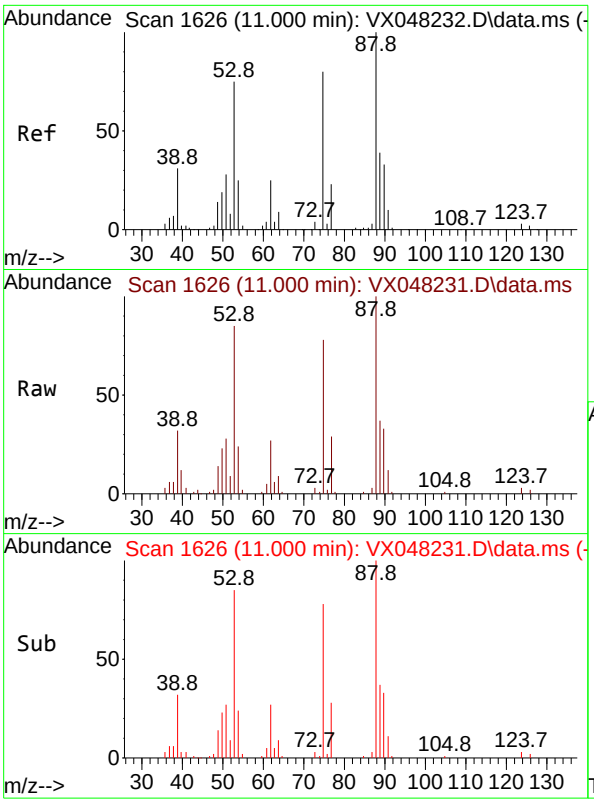



#80
1,3,5-Trimethylbenzene
Concen: 21.575 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 112057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.9 | 24.0 | 72.0 |

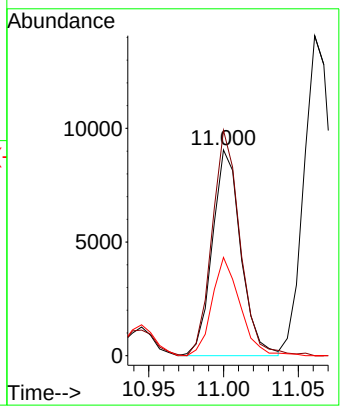





#81
trans-1,4-Dichloro-2-butene
Concen: 21.154 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 1200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 107.3 | 79.5 | 119.3 |
| 89 | 46.9 | 36.8 | 55.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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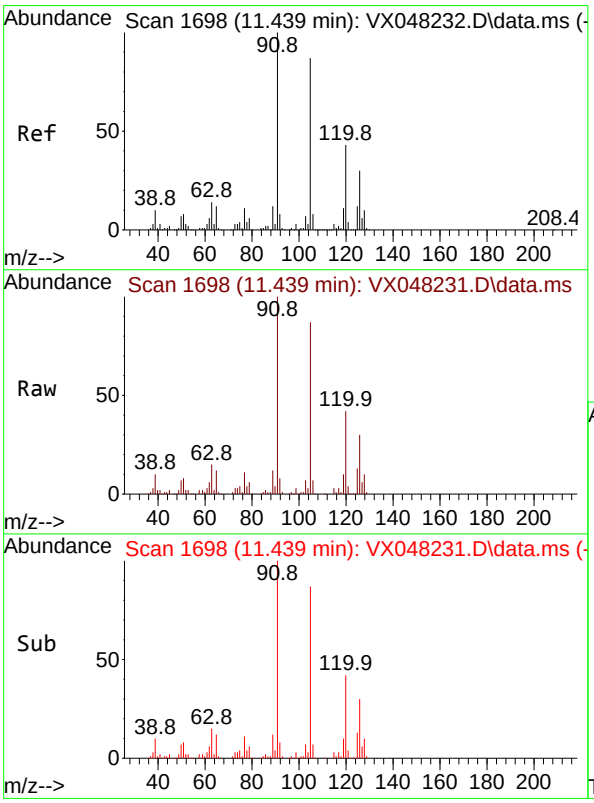
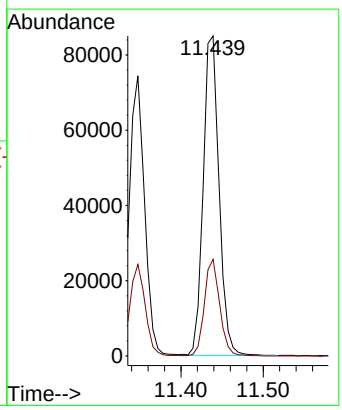
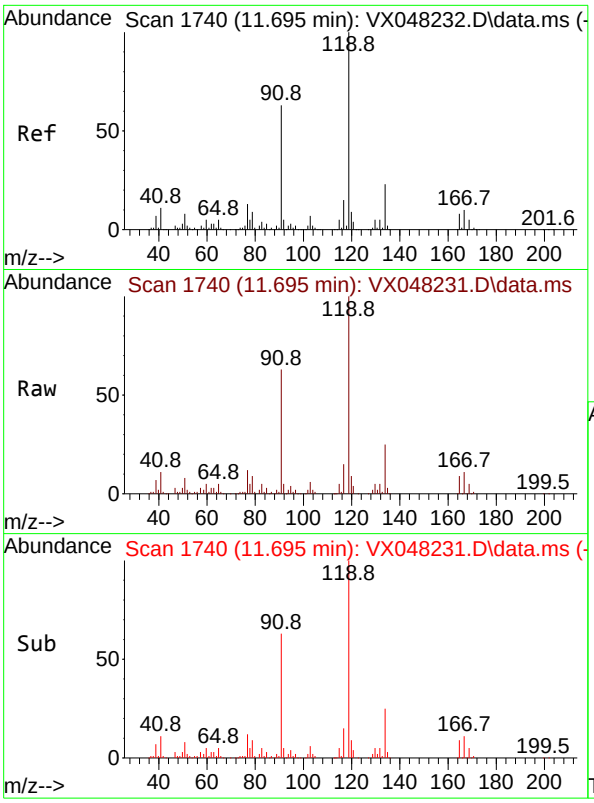



#82
4-Chlorotoluene
Concen: 20.833 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 113495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.3 | 14.1 | 42.4 |

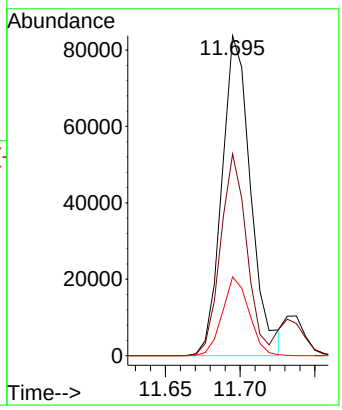





#83
tert-Butylbenzene
Concen: 21.403 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:119 Resp: 11230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.4 | 30.3 | 91.0 |
| 134 | 22.8 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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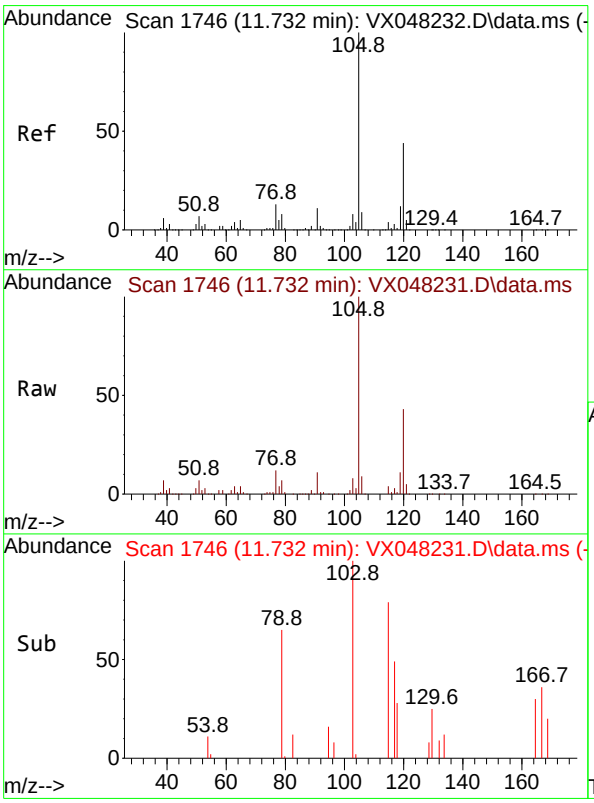
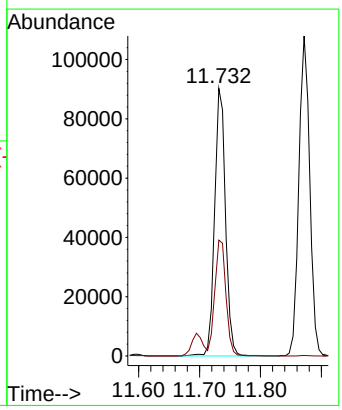
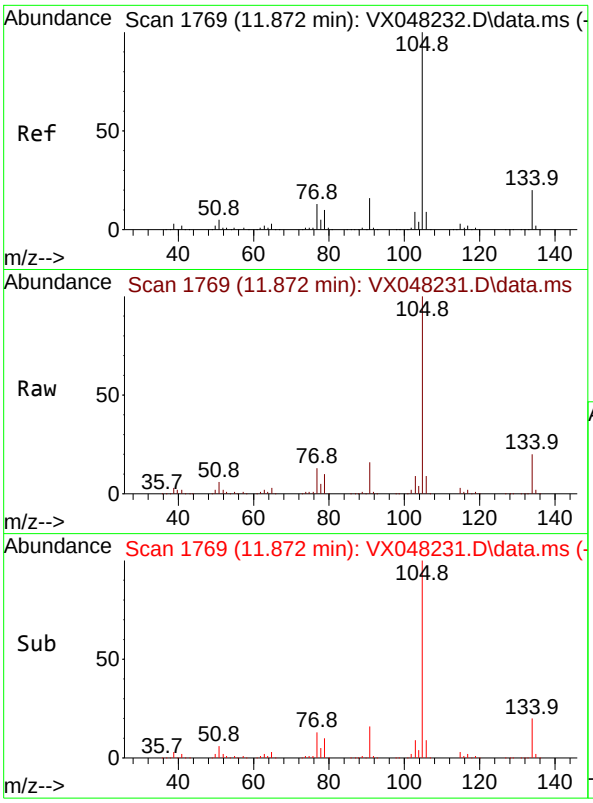



#84
1,2,4-Trimethylbenzene
Concen: 21.652 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 111976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.2 | 22.1 | 66.5 |

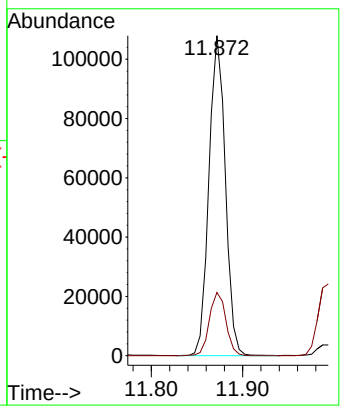





#85
sec-Butylbenzene
Concen: 20.891 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 13401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.0 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations**
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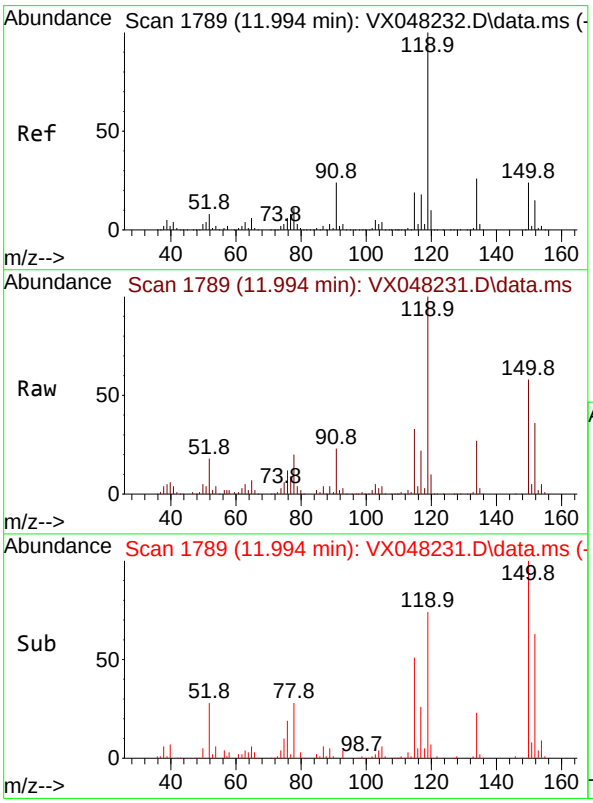
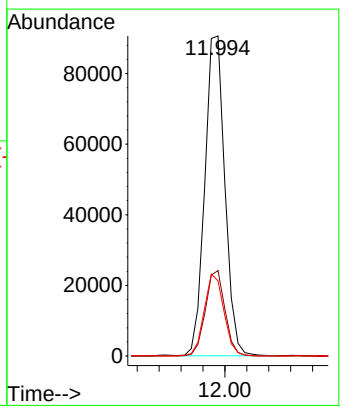
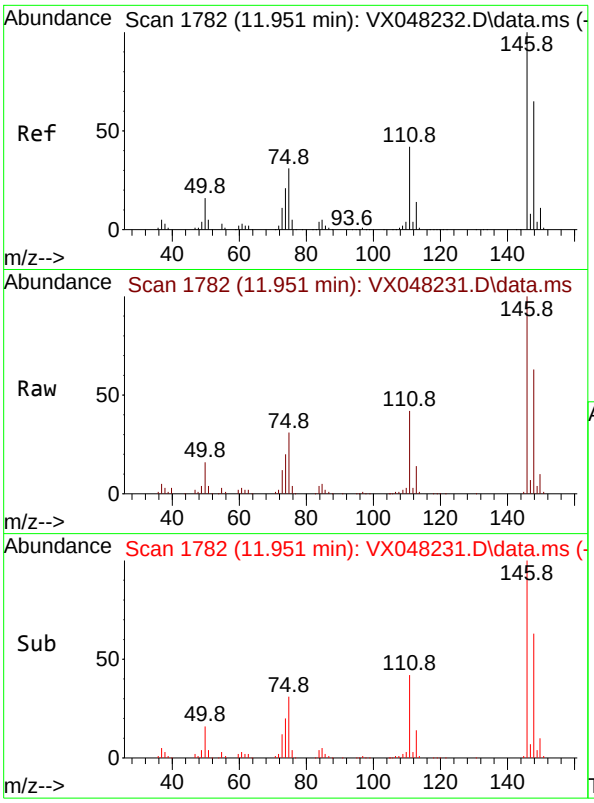



#86
p-Isopropyltoluene
Concen: 21.263 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:119 Resp: 114969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.0 | 13.0 | 39.0 |
| 91 | 25.1 | 12.1 | 36.3 |

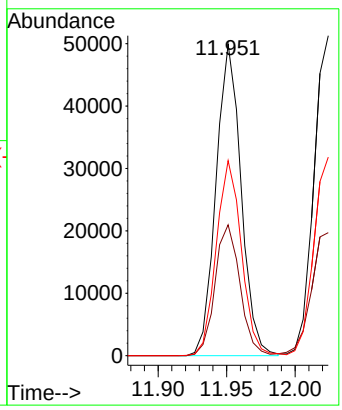





#87
1,3-Dichlorobenzene
Concen: 21.403 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:146 Resp: 6337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.8 | 20.4 | 61.2 |
| 148 | 63.1 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

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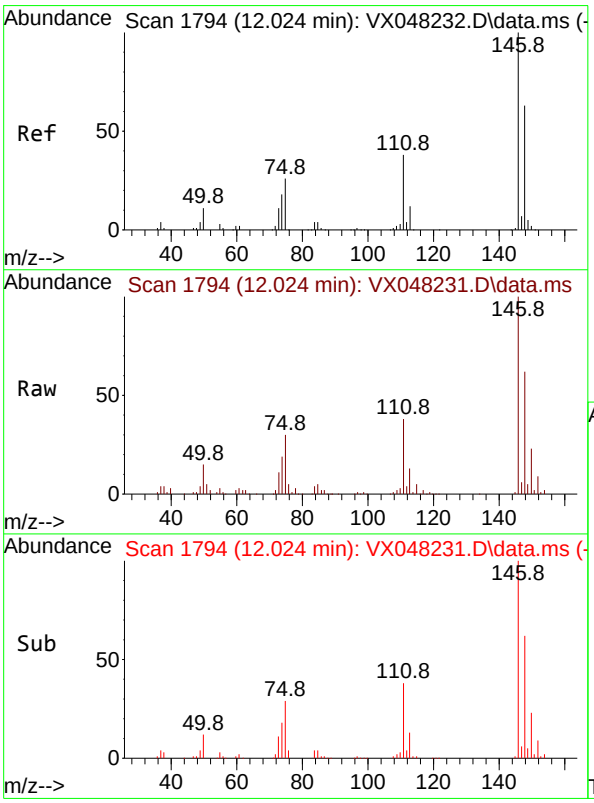
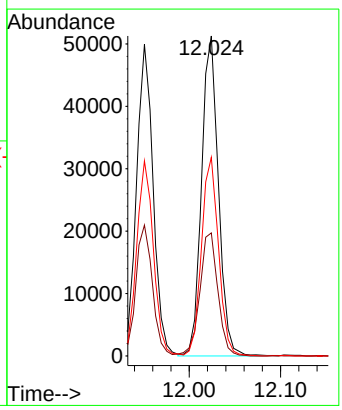
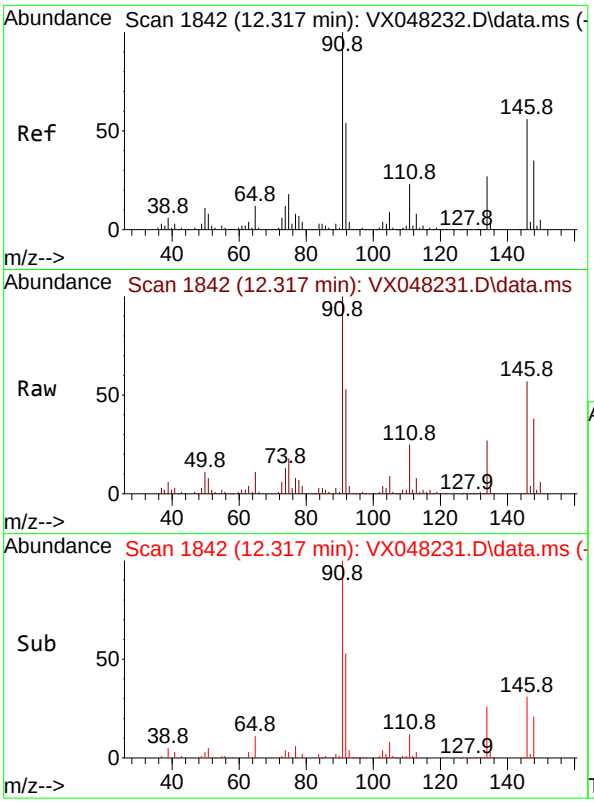



#88
1,4-Dichlorobenzene
Concen: 21.375 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:146 Resp: 65612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.3 | 20.1 | 60.2 |
| 148 | 62.6 | 31.8 | 95.3 |

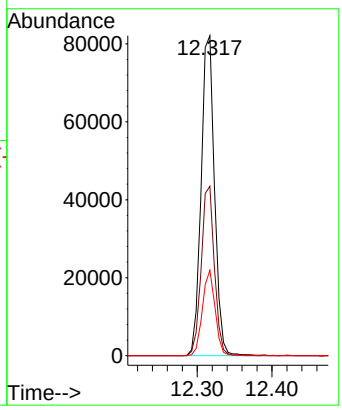





#89
n-Butylbenzene
Concen: 20.281 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 10214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.3 | 26.9 | 80.6 |
| 134 | 25.2 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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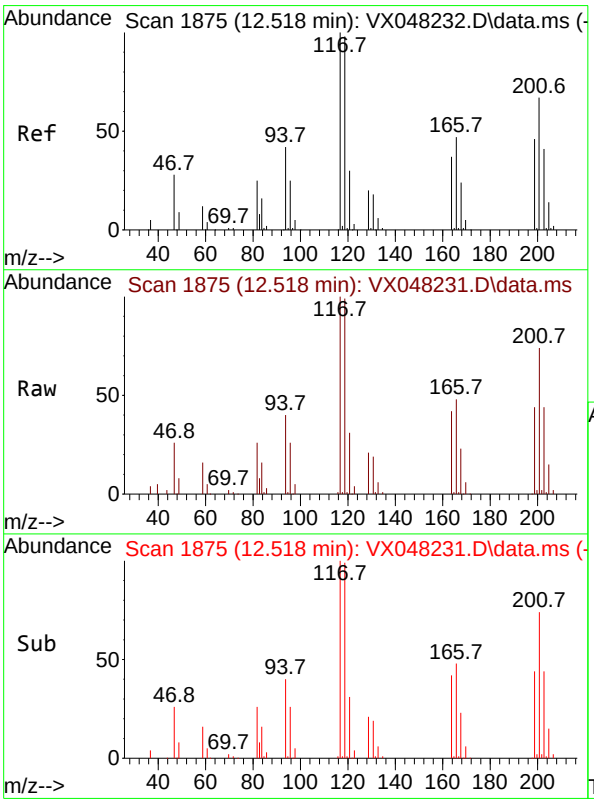
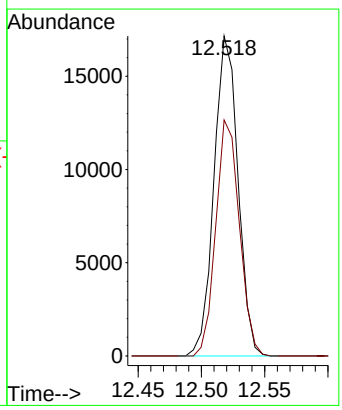
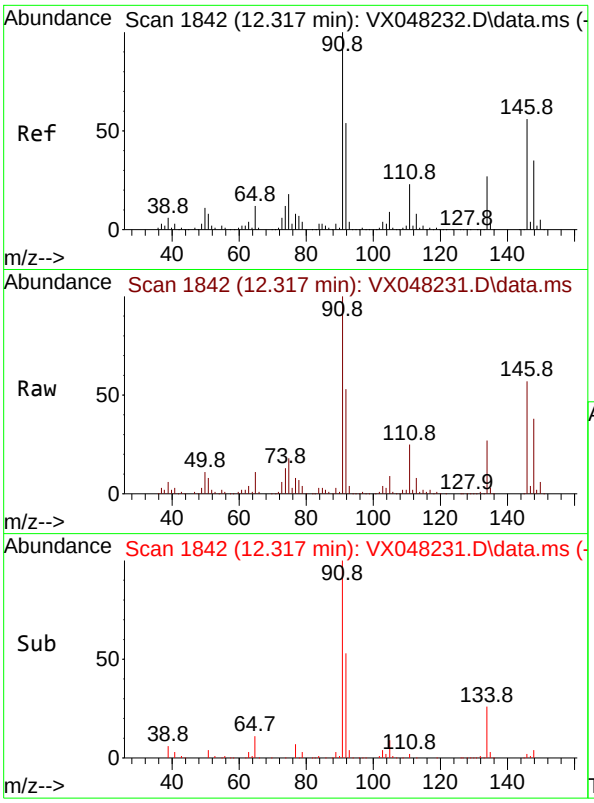



#90
Hexachloroethane
Concen: 19.811 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 22609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 72.6 | 34.1 | 102.2 |

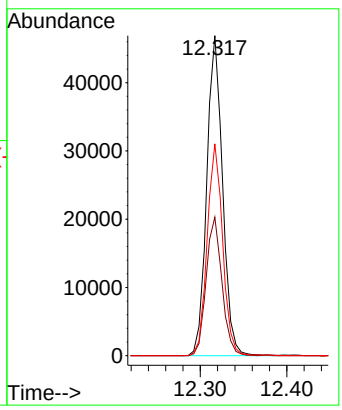





#91
1,2-Dichlorobenzene
Concen: 21.212 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:146 Resp: 5934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.2 | 21.9 | 65.5 |
| 148 | 64.9 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

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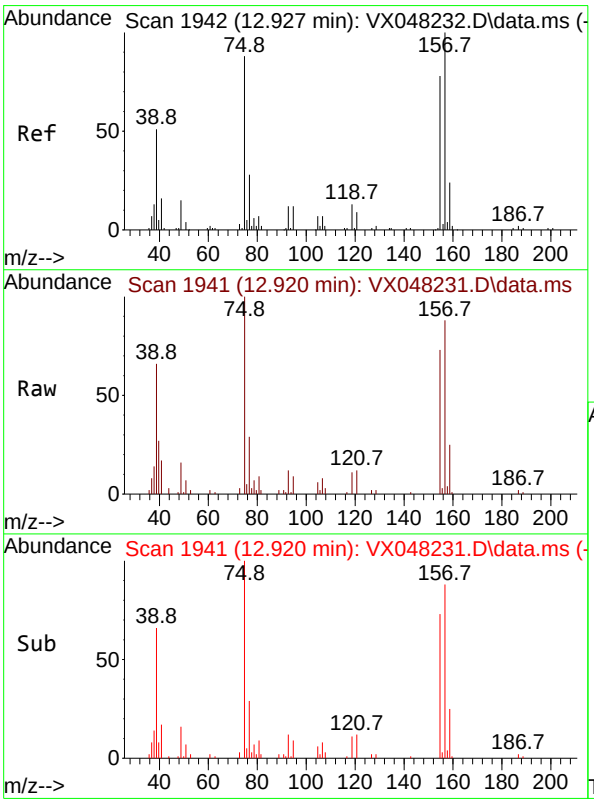
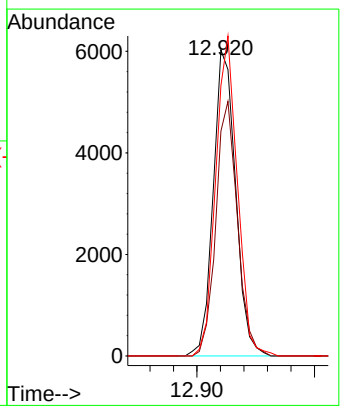
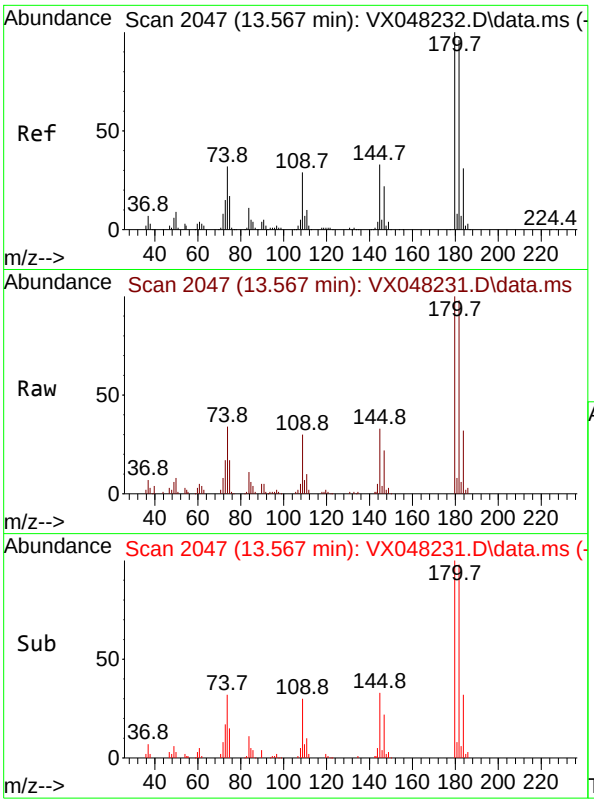



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.372 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 7983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 80.3 | 42.8 | 128.4 |
| 157 | 101.4 | 54.2 | 162.6 |

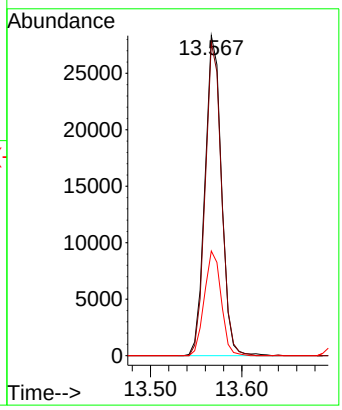





#93
1,2,4-Trichlorobenzene
Concen: 21.473 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:180 Resp: 3546

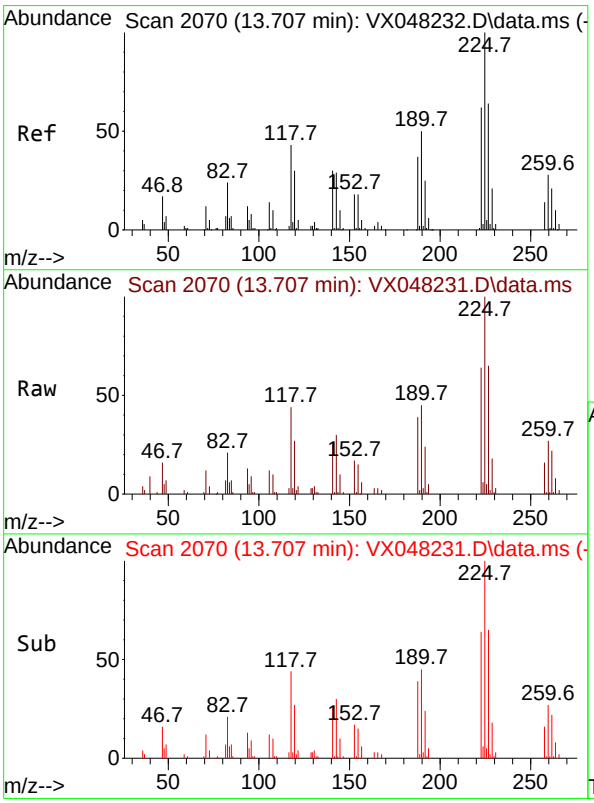
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 47.3 | 142.0 |
| 145 | 33.2 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

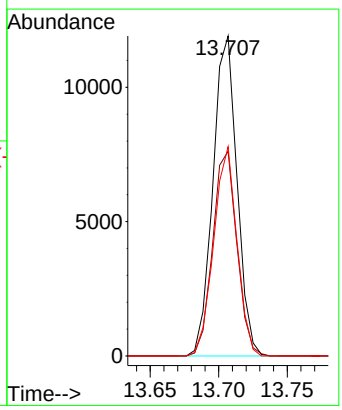
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

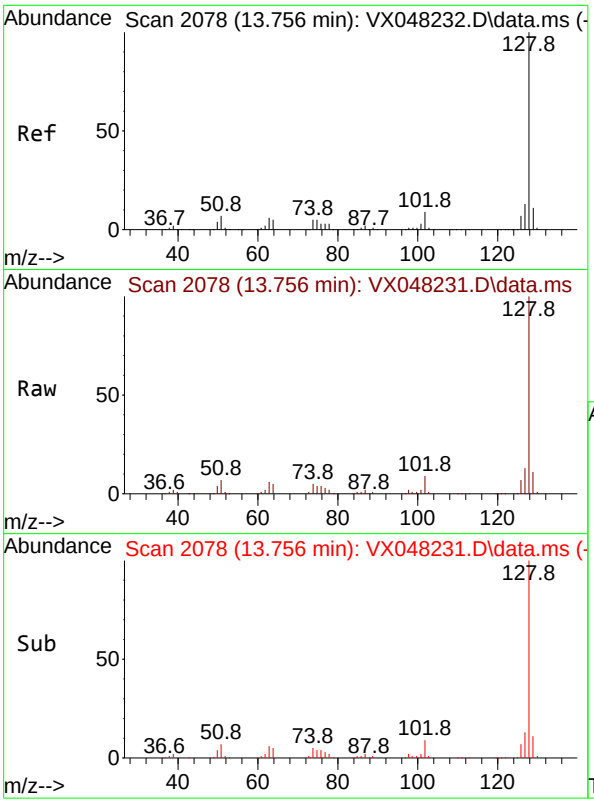



#94
Hexachlorobutadiene
Concen: 22.810 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:225 Resp: 14529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.3 | 32.6 | 97.7 |
| 227 | 63.2 | 32.5 | 97.4 |

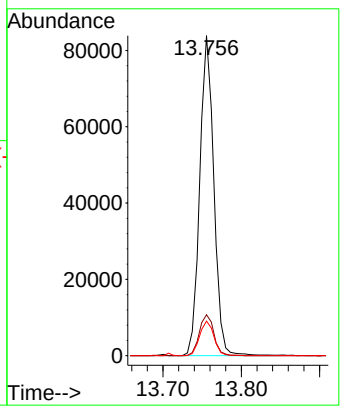





#95
Naphthalene
Concen: 24.073 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:128 Resp: 10480

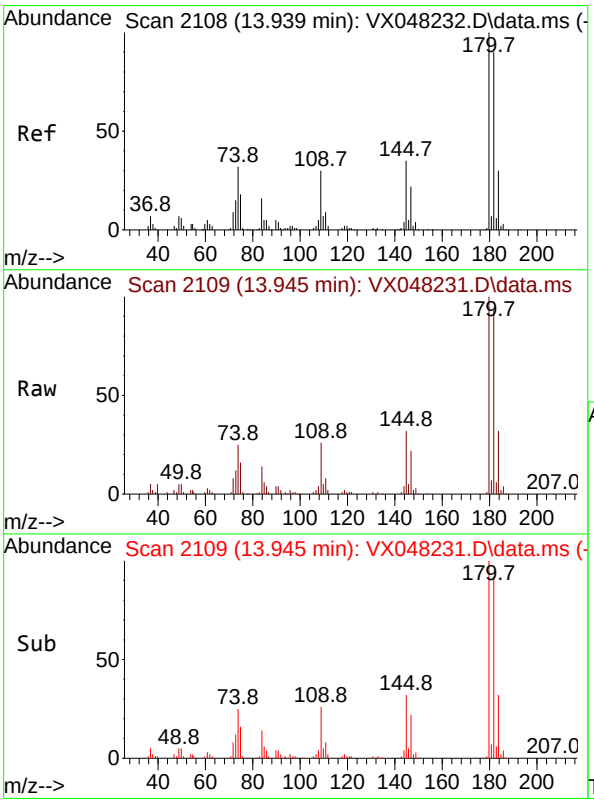
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.2 | 15.4 |
| 129 | 11.0 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

**Manual Integrations APPROVED**

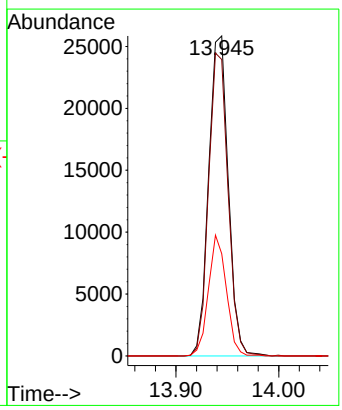
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025




#96
1,2,3-Trichlorobenzene
Concen: 22.493 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:180 Resp: 34276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 46.6 | 139.7 |
| 145 | 34.6 | 16.9 | 50.7 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 124491 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.751 | 114 | 201906 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 184494 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 92693 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 84951 | 44.048 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 88.100% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 66593 | 47.523 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 95.040% | | | |
| 50) Toluene-d8 | 8.635 | 98 | 239295 | 47.402 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 94.800% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 89579 | 48.719 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 97.440% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 60172 | 46.052 | ug/l | 98 |
| 3) Chloromethane | 1.301 | 50 | 55934 | 35.336 | ug/l | 100 |
| 4) Vinyl Chloride | 1.380 | 62 | 51819 | 31.067 | ug/l | 99 |
| 5) Bromomethane | 1.618 | 94 | 35101 | 31.646 | ug/l | 98 |
| 6) Chloroethane | 1.697 | 64 | 30718 | 28.940 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 100423 | 38.358 | ug/l | 99 |
| 8) Diethyl Ether | 2.136 | 74 | 27723 | 31.044 | ug/l | 87 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 62391 | 42.290 | ug/l | 95 |
| 10) Methyl Iodide | 2.459 | 142 | 82552 | 46.716 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.947 | 59 | 38534 | 301.123 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 60330 | 41.821 | ug/l | 94 |
| 13) Acrolein | 2.239 | 56 | 40536 | 150.726 | ug/l | 100 |
| 14) Allyl chloride | 2.666 | 41 | 100234 | 38.627 | ug/l | 97 |
| 15) Acrylonitrile | 3.056 | 53 | 149009 | 243.004 | ug/l | 100 |
| 16) Acetone | 2.374 | 43 | 126003 | 191.520 | ug/l | 100 |
| 17) Carbon Disulfide | 2.514 | 76 | 179492 | 40.440 | ug/l | 99 |
| 18) Methyl Acetate | 2.703 | 43 | 58071 | 43.336 | ug/l | 91 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 212092 | 48.809 | ug/l | 96 |
| 20) Methylene Chloride | 2.788 | 84 | 68663 | 42.841 | ug/l | 94 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 66608 | 44.631 | ug/l | 96 |
| 22) Diisopropyl ether | 3.757 | 45 | 206901 | 40.720 | ug/l | 91 |
| 23) Vinyl Acetate | 3.715 | 43 | 839370 | 220.927 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.611 | 63 | 121657 | 42.204 | ug/l | 99 |
| 25) 2-Butanone | 4.544 | 43 | 175075 | 228.411 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 4.471 | 77 | 109062 | 44.264 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 77911 | 43.988 | ug/l | 98 |
| 28) Bromochloromethane | 4.885 | 49 | 54919 | 41.331 | ug/l | 85 |
| 29) Tetrahydrofuran | 4.989 | 42 | 106381 | 236.335 | ug/l | 93 |
| 30) Chloroform | 5.087 | 83 | 130274 | 42.925 | ug/l | 96 |
| 31) Cyclohexane | 5.465 | 56 | 102251 | 43.351 | ug/l | 92 |
| 32) 1,1,1-Trichloroethane | 5.373 | 97 | 121090 | 48.560 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 87493 | 44.323 | ug/l | 98 |
| 37) Ethyl Acetate | 4.702 | 43 | 74261 | 47.073 | ug/l | 97 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 111708 | 49.302 | ug/l | 98 |
| 39) Methylcyclohexane | 7.367 | 83 | 109077 | 49.008 | ug/l | 94 |
| 40) Benzene | 6.025 | 78 | 262745 | 44.825 | ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.904 | 41 | 41293 | 48.874 | ug/l | | 96 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 100937 | 48.064 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.324 | 43 | 128290 | 48.444 | ug/l | | 96 |
| 44) Trichloroethene | 7.111 | 130 | 70313 | 47.597 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 64895 | 43.746 | ug/l | | 99 |
| 46) Dibromomethane | 7.568 | 93 | 49874 | 46.726 | ug/l | | 94 |
| 47) Bromodichloromethane | 7.806 | 83 | 108671 | 47.107 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.678 | 41 | 65057 | 47.990 | ug/l | | 94 |
| 49) 1,4-Dioxane | 7.647 | 88 | 17905 | 1467.288 | ug/l | | 90 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 380665 | 258.320 | ug/l | | 95 |
| 52) Toluene | 8.702 | 92 | 173942 | 49.373 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 109960 | 50.880 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 115534 | 49.046 | ug/l | | 93 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 64737 | 49.248 | ug/l | | 96 |
| 56) Ethyl methacrylate | 9.104 | 69 | 98851 | 55.290 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 110709 | 48.206 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 262387 | 285.817 | ug/l | | 95 |
| 59) 2-Hexanone | 9.415 | 43 | 269143 | 261.113 | ug/l | | 96 |
| 60) Dibromochloromethane | 9.506 | 129 | 85760 | 52.123 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 69022 | 51.208 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.257 | 164 | 60510 | 46.776 | ug/l | | 96 |
| 65) Chlorobenzene | 10.061 | 112 | 192841 | 47.805 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 71930 | 49.482 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 336660 | 48.680 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 253662 | 98.455 | ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 122582 | 50.542 | ug/l | | 98 |
| 70) Styrene | 10.640 | 104 | 210861 | 50.508 | ug/l | | 100 |
| 71) Bromoform | 10.781 | 173 | 56874 | 53.279 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.945 | 105 | 317974 | 49.321 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 115683 | 48.098 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 87705 | 48.020 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 68104m | 48.115 | ug/l | | |
| 77) Bromobenzene | 11.183 | 156 | 79543 | 49.303 | ug/l | | 94 |
| 78) n-propylbenzene | 11.287 | 91 | 372312 | 47.621 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 222217 | 47.045 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 265174 | 50.108 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 29295 | 50.678 | ug/l | | 98 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 267236 | 48.142 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 270202 | 50.539 | ug/l | | 96 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 265485 | 50.381 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 322219 | 49.298 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 276821 | 50.246 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 143699 | 47.627 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 146196 | 46.744 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.317 | 91 | 243063 | 47.367 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 52735 | 45.350 | ug/l | | 96 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 138489 | 48.582 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.927 | 75 | 18059 | 54.111 | ug/l | | 99 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 88920 | 52.839 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 34615 | 53.334 | ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 257281 | 57.999 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 84279 | 54.281 | ug/l | | 98 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

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

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

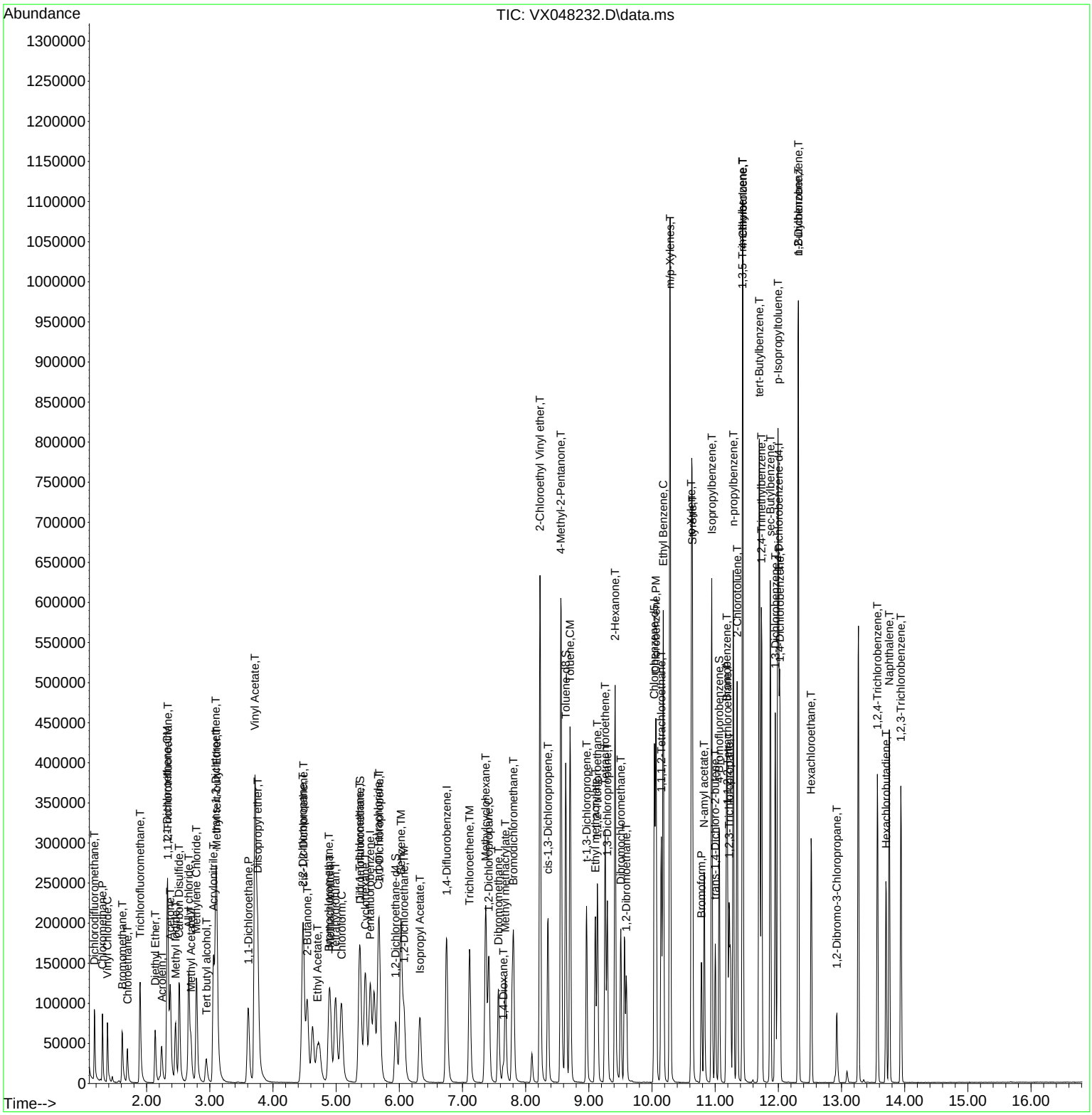
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

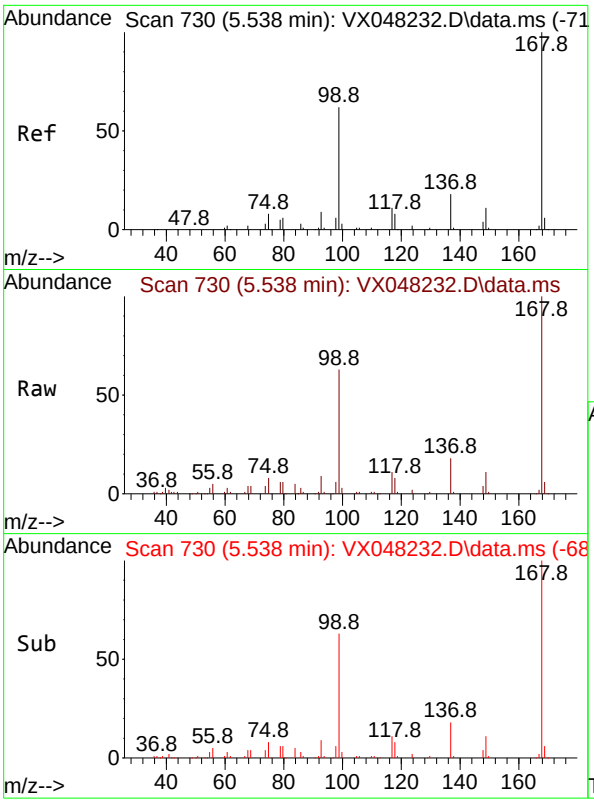
Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

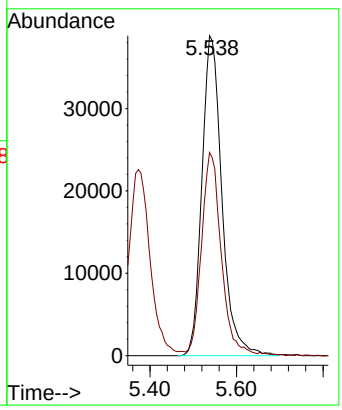





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:168 Resp: 12449

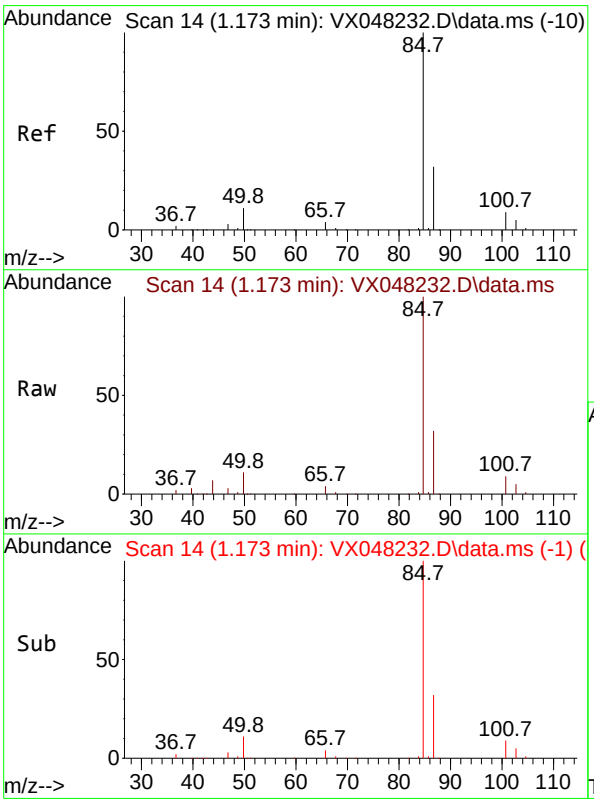
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.3 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

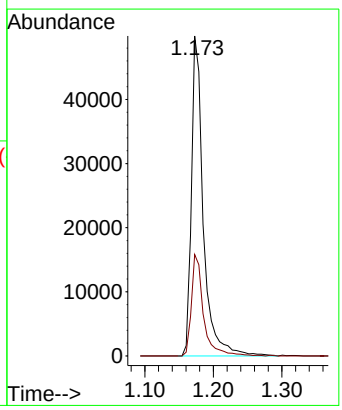
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

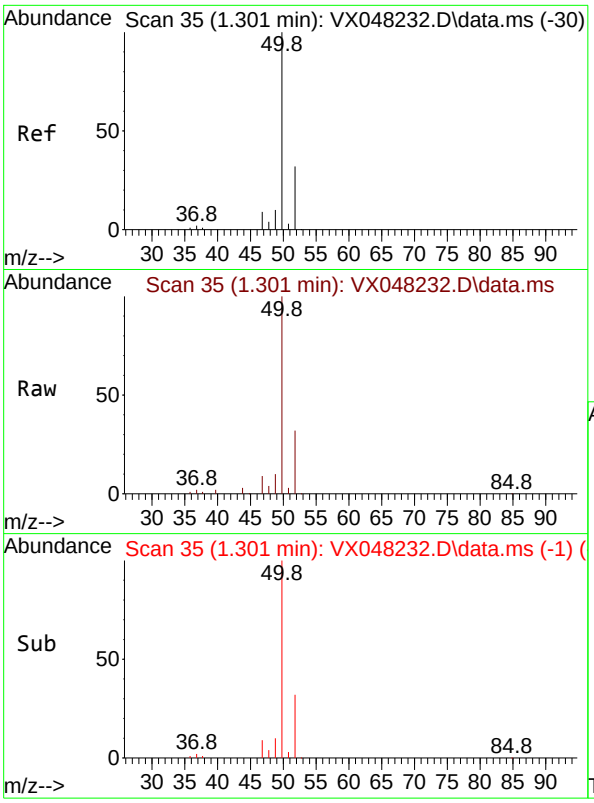



#2
Dichlorodifluoromethane
Concen: 46.052 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 85 Resp: 60172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.7 | 15.3 | 45.9 |

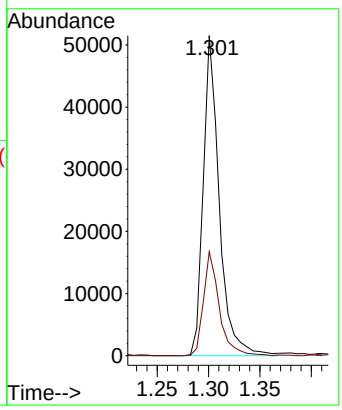





#3
Chloromethane
Concen: 35.336 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 50 Resp: 5593

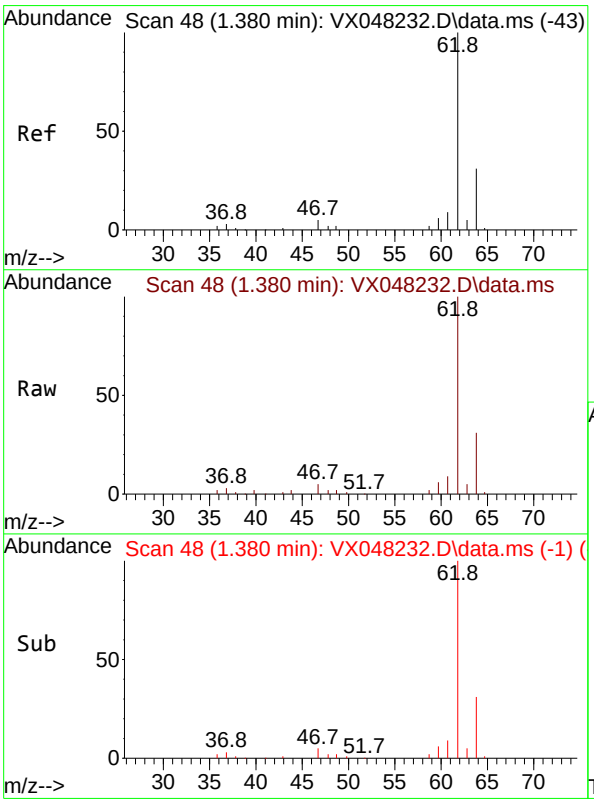
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.5 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

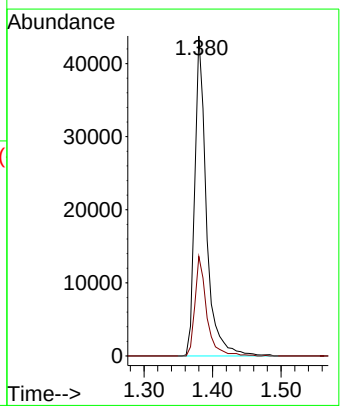
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

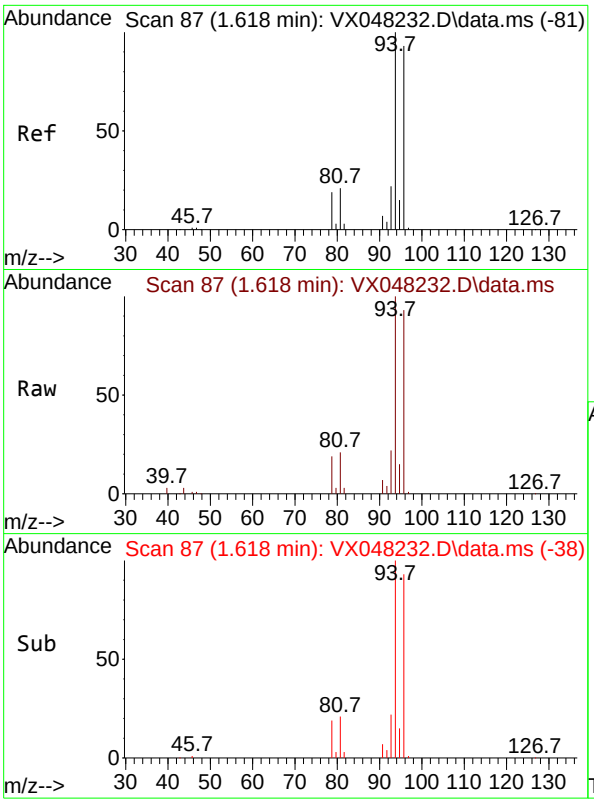



#4
Vinyl Chloride
Concen: 31.067 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 51819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.1 | 25.1 | 37.7 |

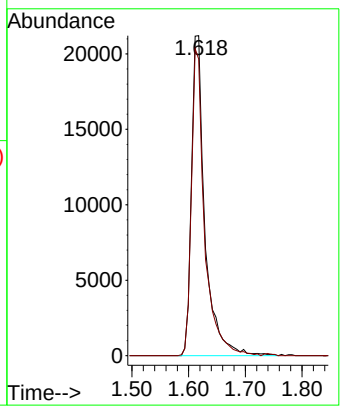





#5
Bromomethane
Concen: 31.646 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 94 Resp: 3510

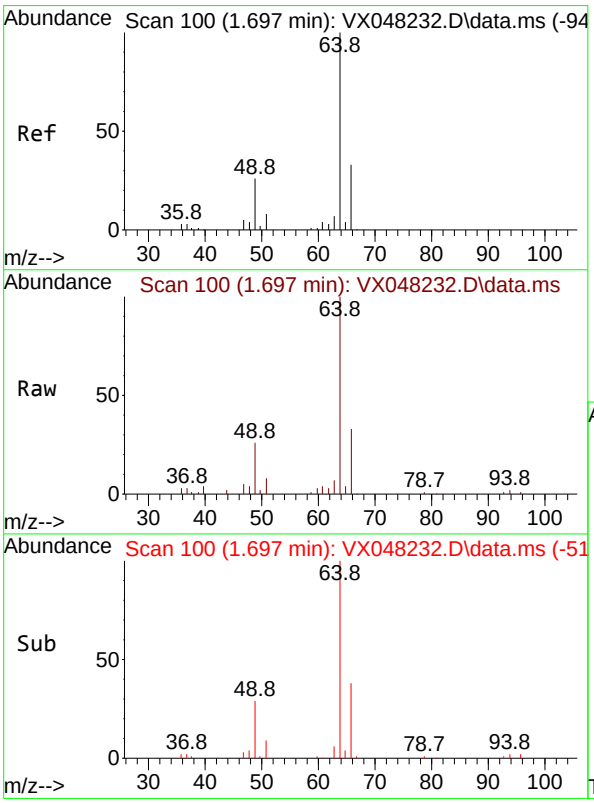
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.7 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

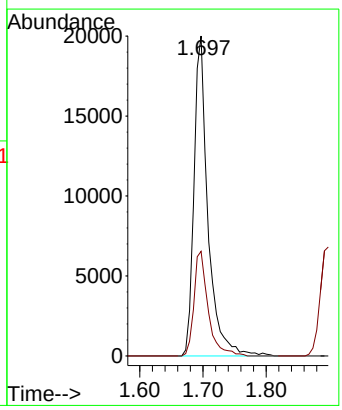
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

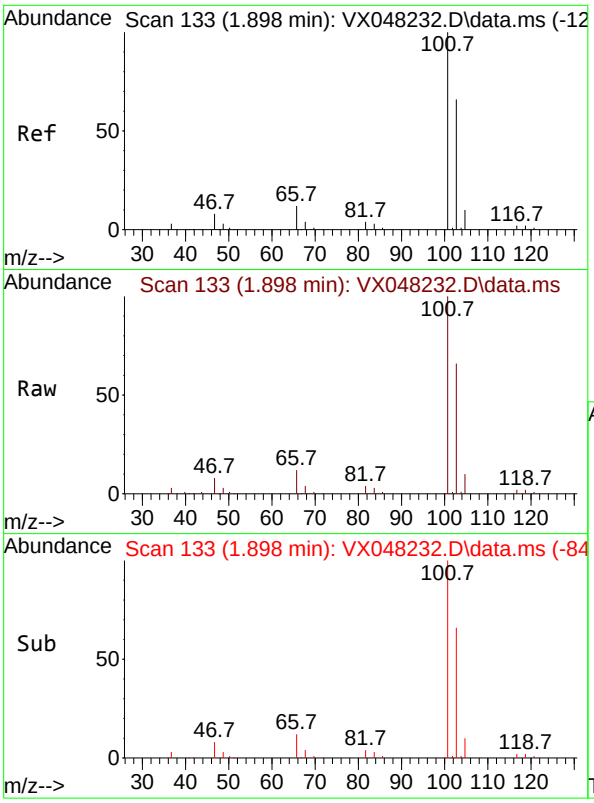



#6
Chloroethane
Concen: 28.940 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 64 Resp: 30718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.7 | 23.9 | 35.9 |

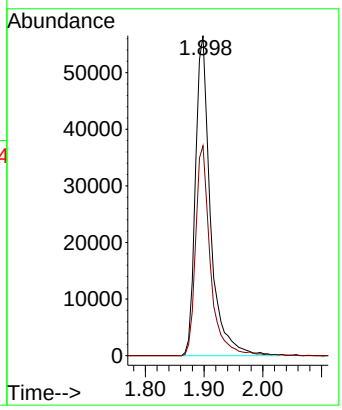





#7
Trichlorofluoromethane
Concen: 38.358 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:101 Resp: 10042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.6 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
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VSTDICCC050

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Reviewed By :John Carlone 10/21/2025
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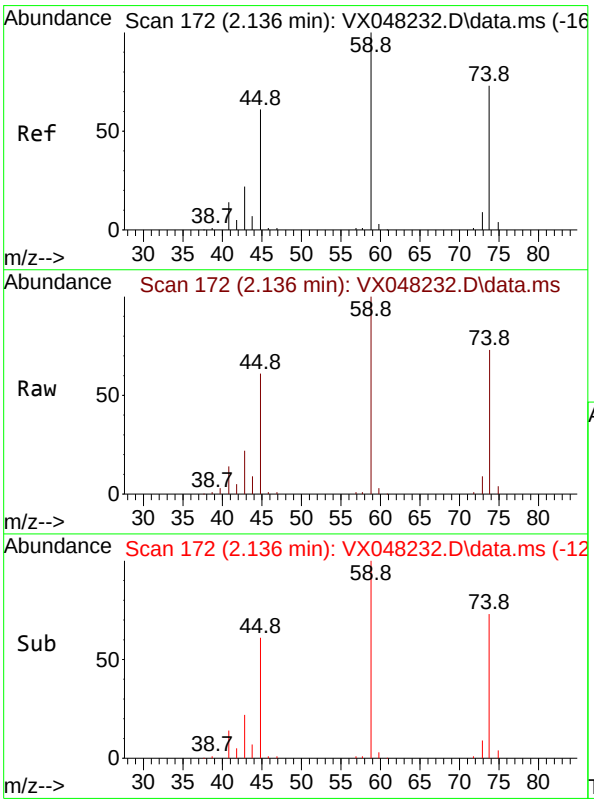
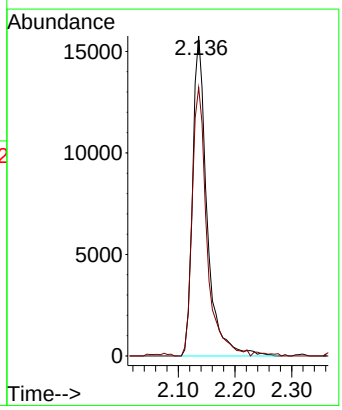
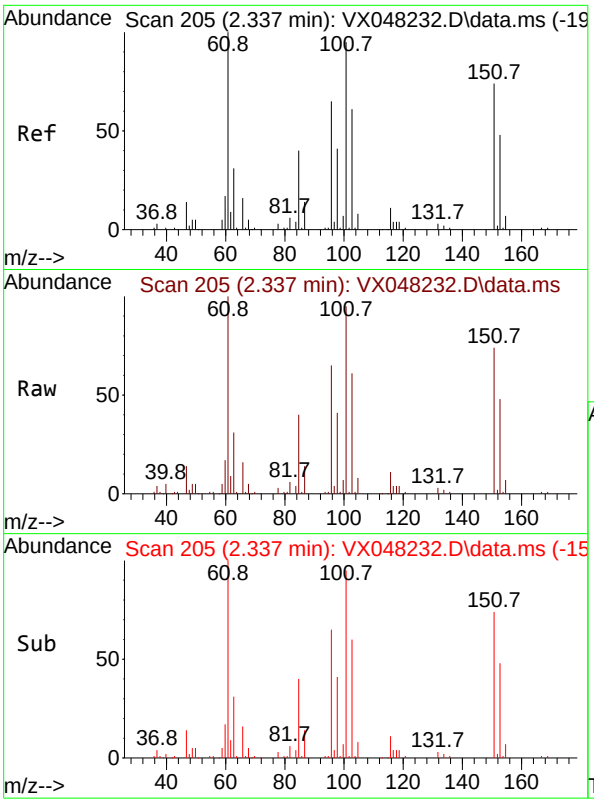



#8
Diethyl Ether
Concen: 31.044 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 74 Resp: 27723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 86.5 | 50.0 | 149.8 |

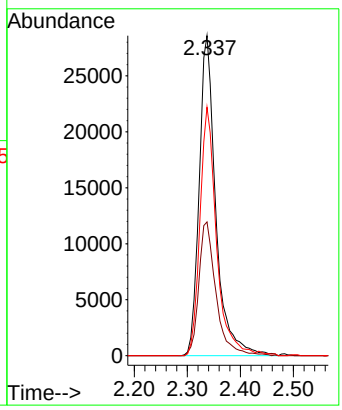





#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.290 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:101 Resp: 6239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.2 | 35.6 | 53.4 |
| 151 | 77.9 | 58.0 | 87.0 |




**Instrument :**
MSVOA_X
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VSTDICCC050

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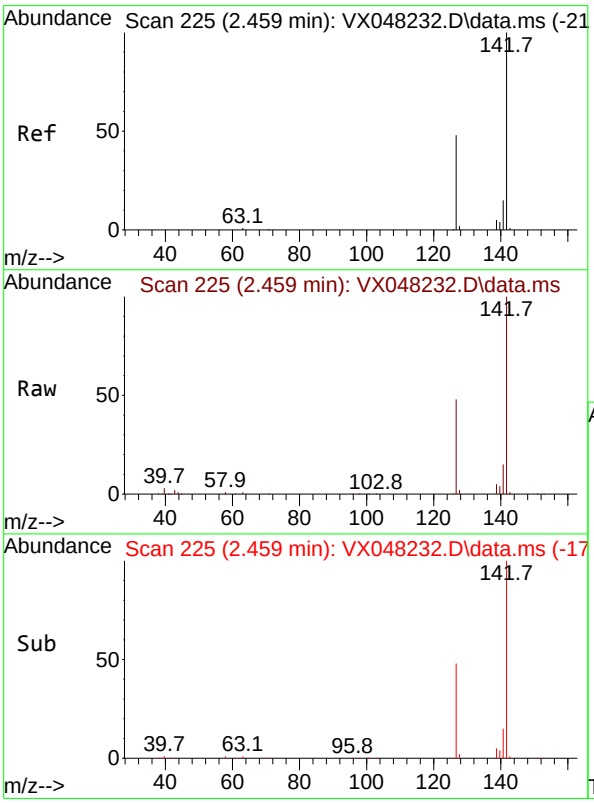
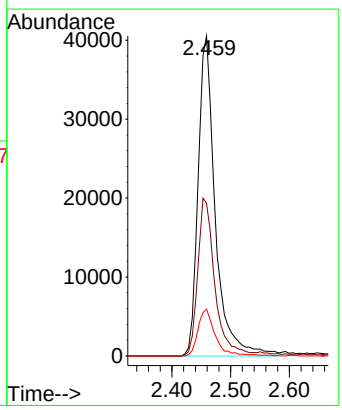
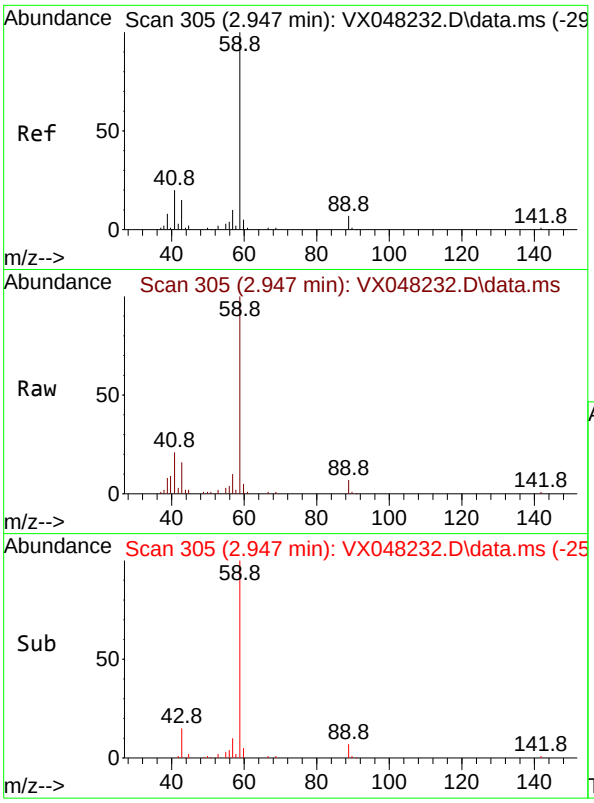



#10
Methyl Iodide
Concen: 46.716 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:142 Resp: 82552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.9 | 38.5 | 57.7 |
| 141 | 14.7 | 11.6 | 17.4 |

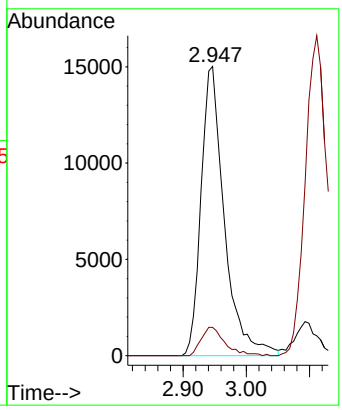





#11
Tert butyl alcohol
Concen: 301.123 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 59 Resp: 3853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 8.2 | 12.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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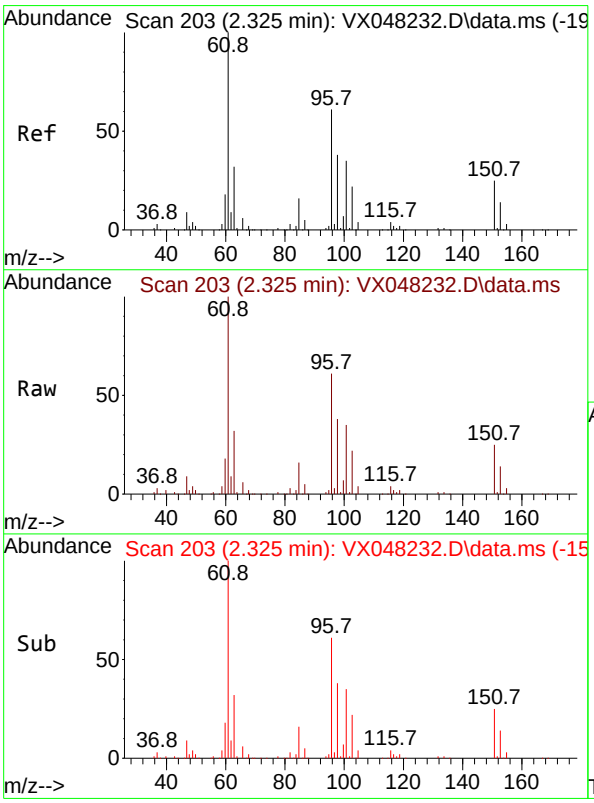
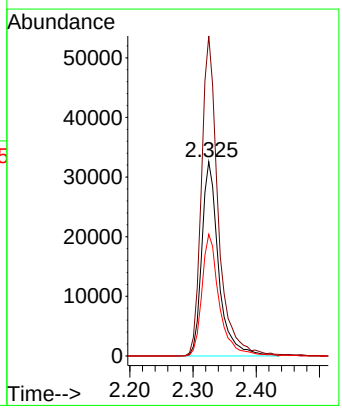
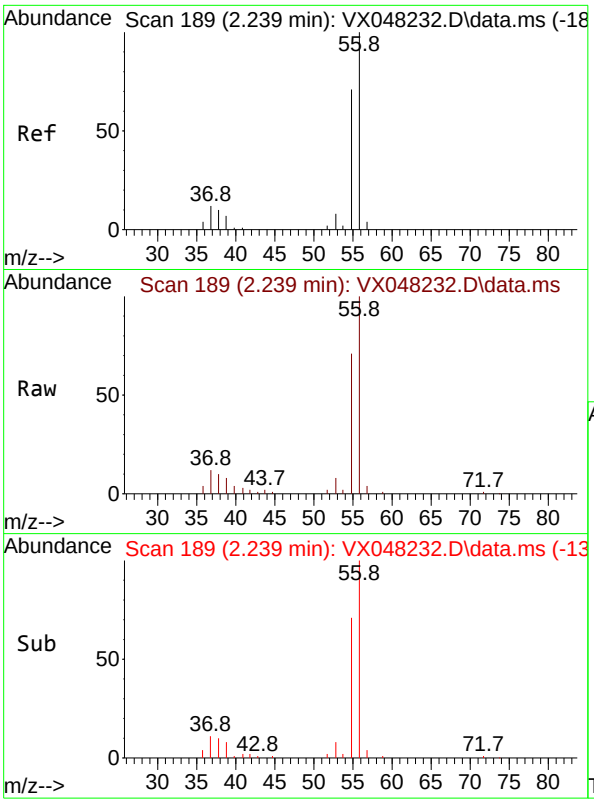



#12
1,1-Dichloroethene
Concen: 41.821 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 96 Resp: 60330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.7 | 139.0 | 208.6 |
| 98 | 62.6 | 52.4 | 78.6 |

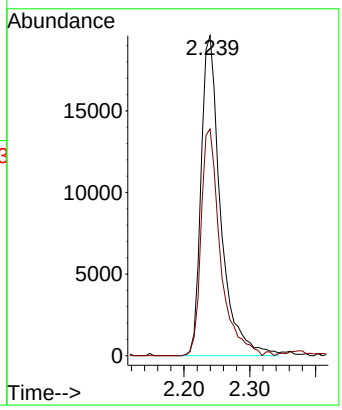





#13
Acrolein
Concen: 150.726 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 56 Resp: 4053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.8 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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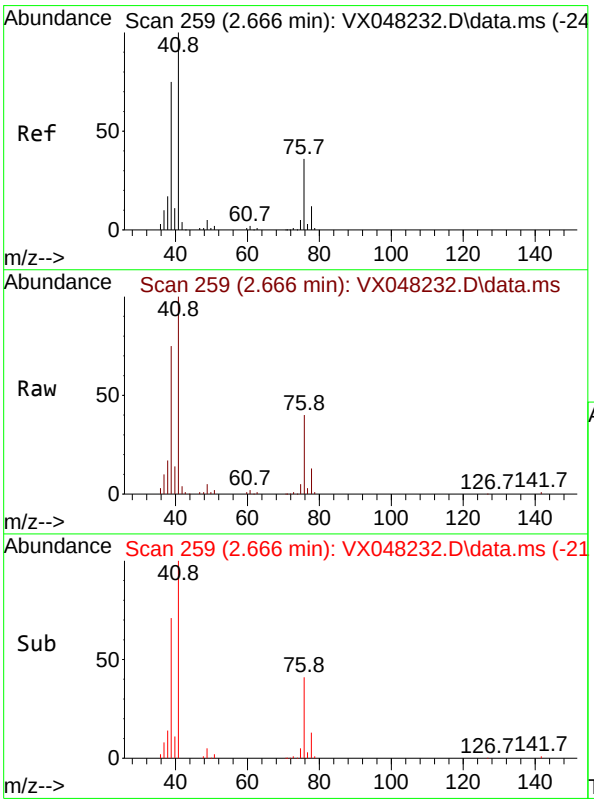
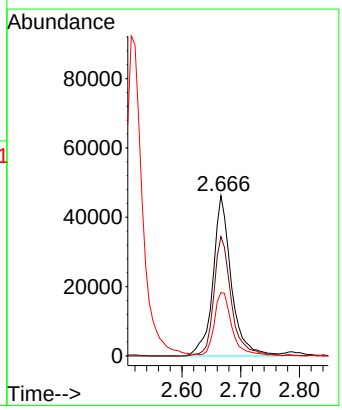
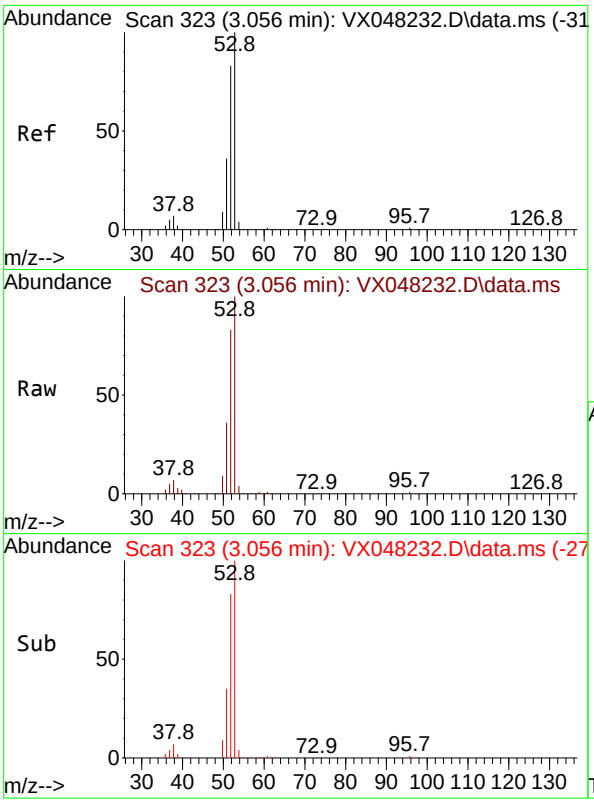



#14
Allyl chloride
Concen: 38.627 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 100234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 71.0 | 56.0 | 84.0 |
| 76 | 38.6 | 27.5 | 41.3 |

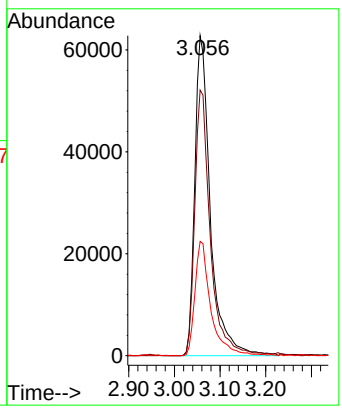





#15
Acrylonitrile
Concen: 243.004 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 53 Resp: 14900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.9 | 66.1 | 99.1 |
| 51 | 36.6 | 29.0 | 43.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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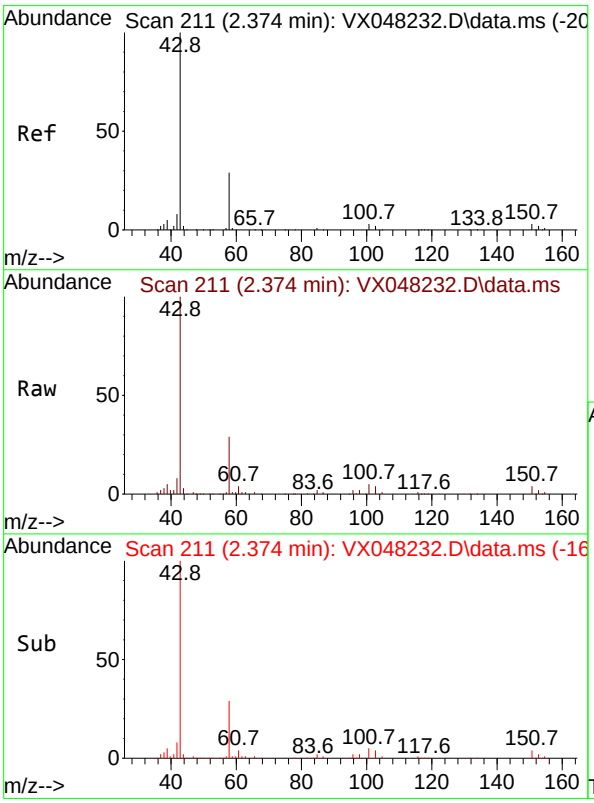
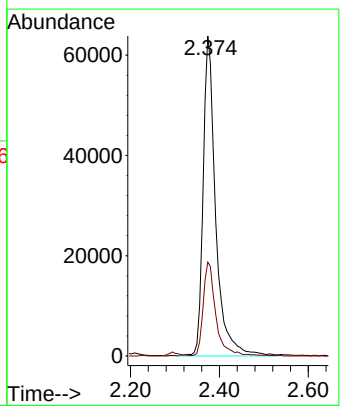
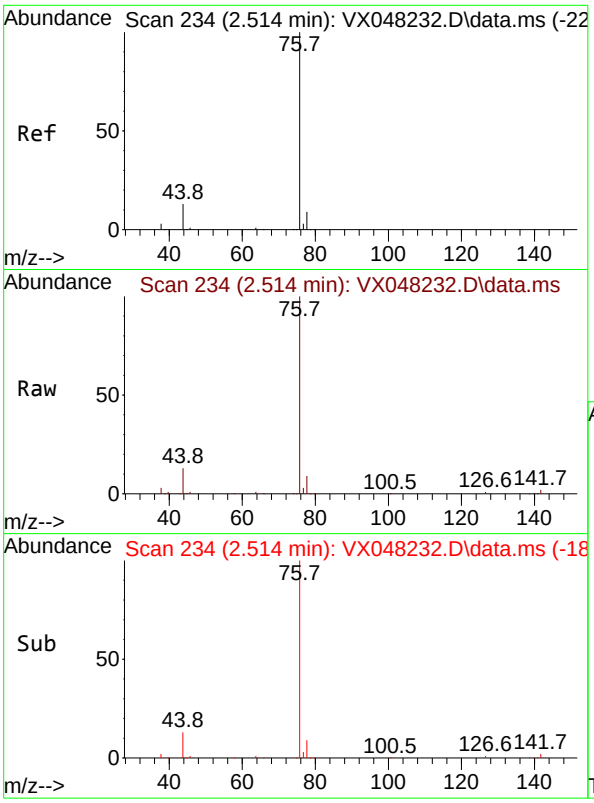



#16
Acetone
Concen: 191.520 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 126003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.2 | 23.4 | 35.2 |

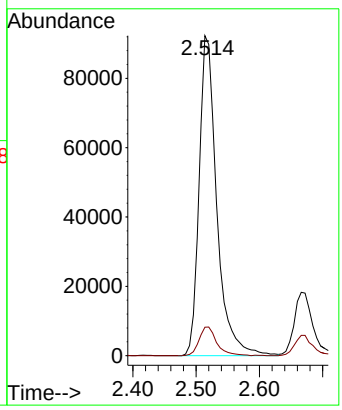





#17
Carbon Disulfide
Concen: 40.440 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 76 Resp: 17949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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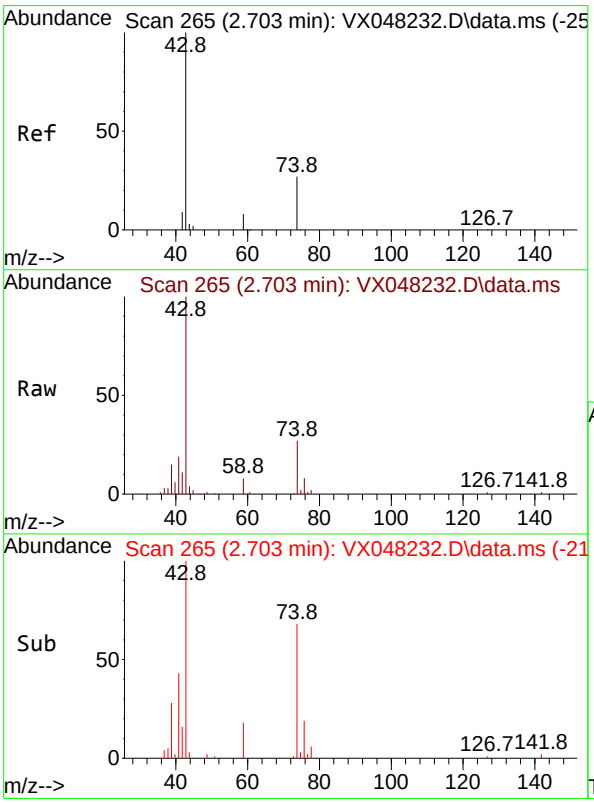
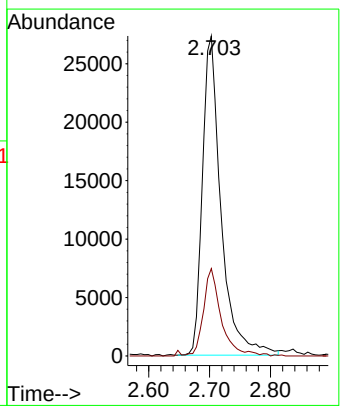
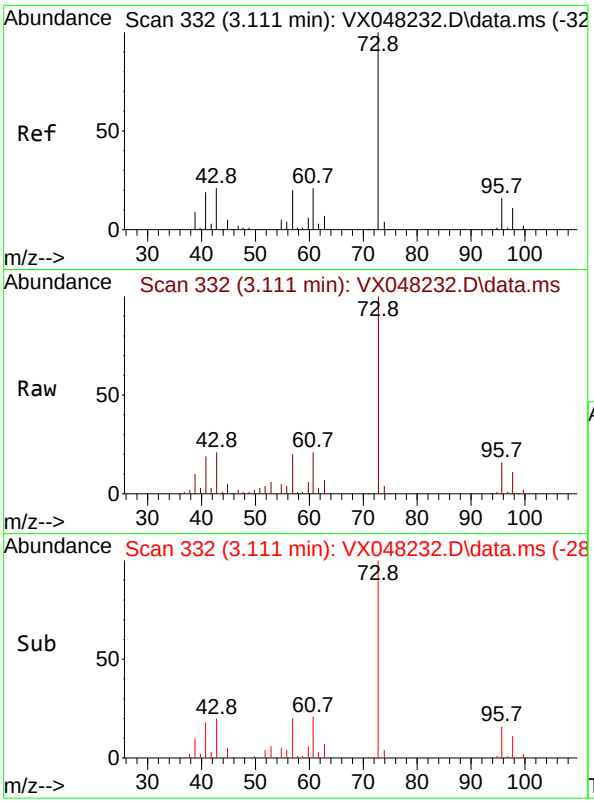



#18
Methyl Acetate
Concen: 43.336 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 58071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.0 | 17.5 | 26.3 |

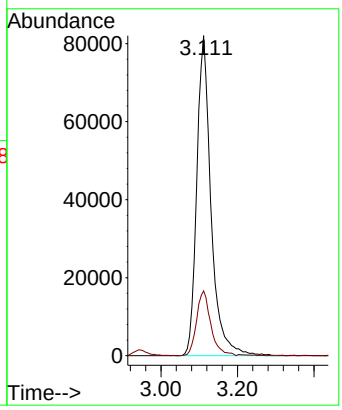





#19
Methyl tert-butyl Ether
Concen: 48.809 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 73 Resp: 21209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.3 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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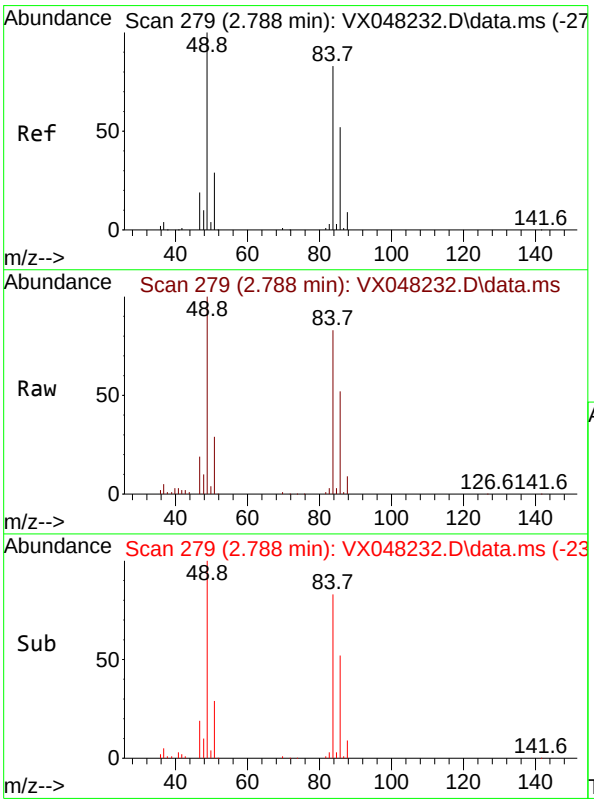
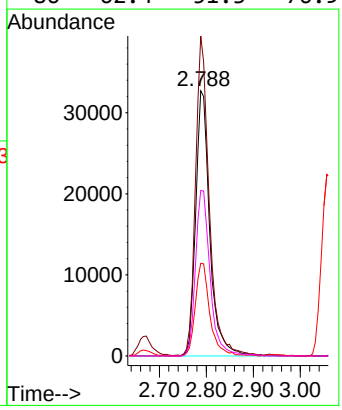
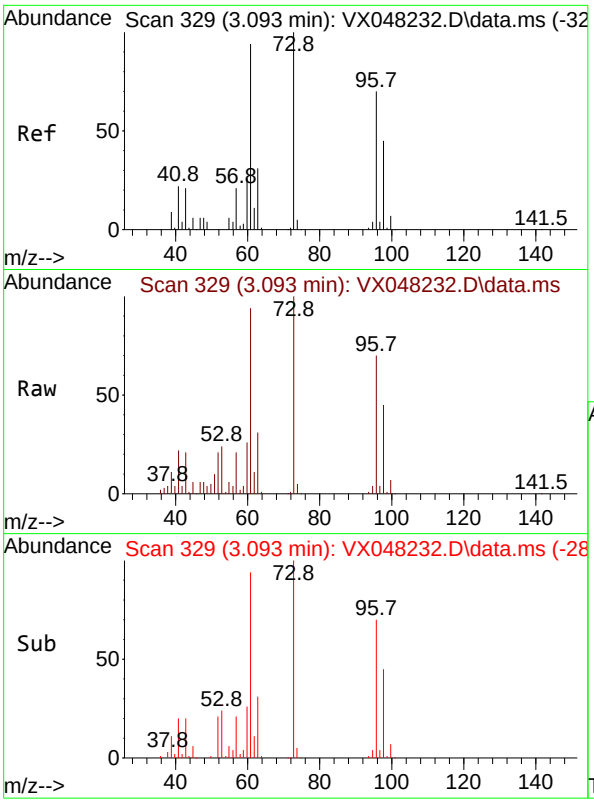



#20
Methylene Chloride
Concen: 42.841 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 84 Resp: 68663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 120.4 | 104.1 | 156.1 |
| 51 | 35.0 | 31.3 | 46.9 |
| 86 | 62.4 | 51.3 | 76.9 |

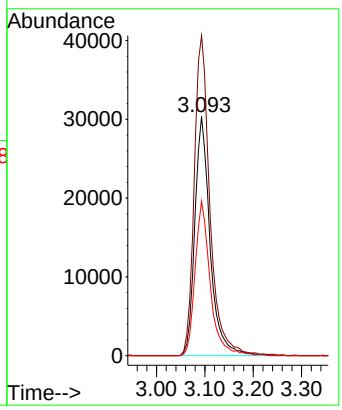





#21
trans-1,2-Dichloroethene
Concen: 44.631 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 96 Resp: 6660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.8 | 111.9 | 167.9 |
| 98 | 64.5 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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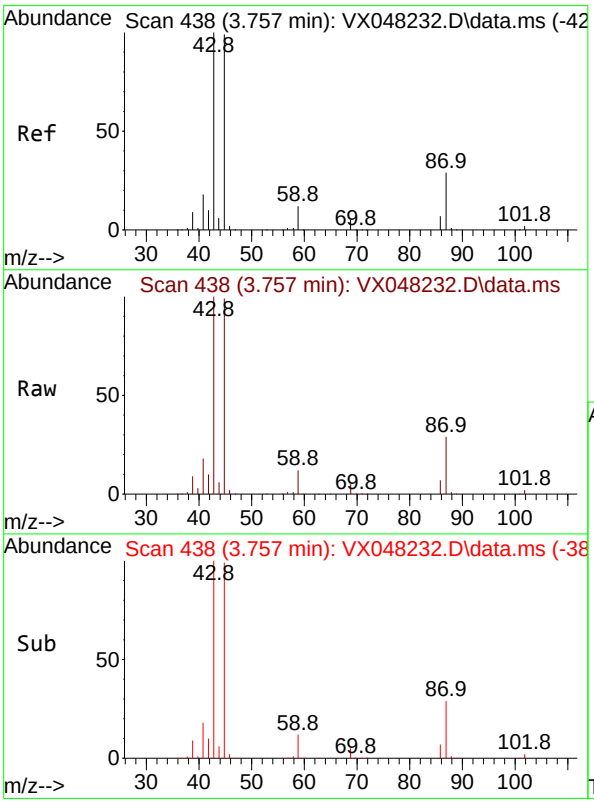
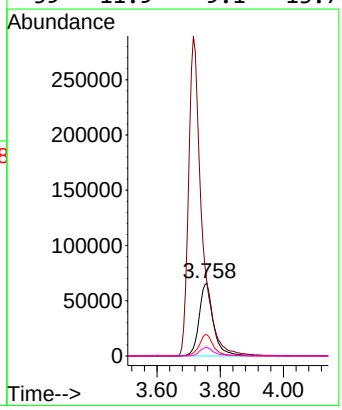
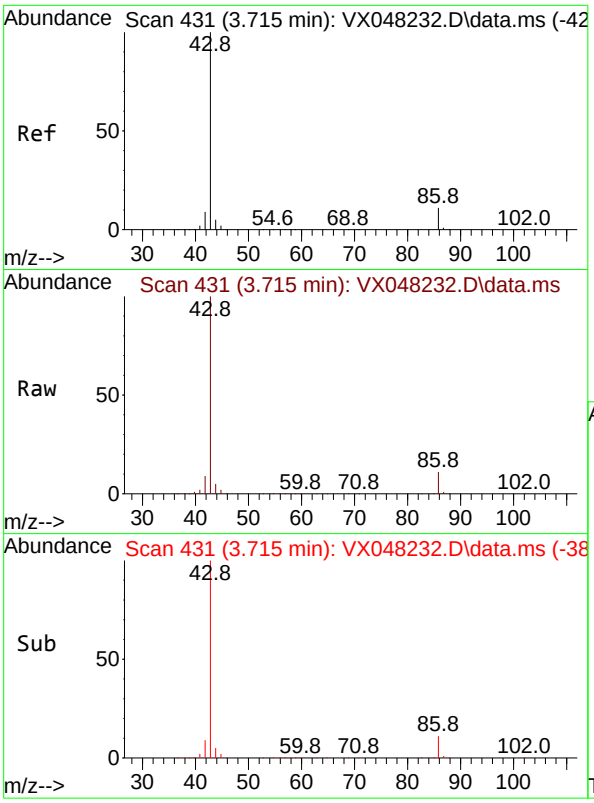



#22
Diisopropyl ether
Concen: 40.720 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 45 Resp: 206901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 101.1 | 89.8 | 134.8 |
| 87 | 29.3 | 20.6 | 31.0 |
| 59 | 11.9 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 220.927 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

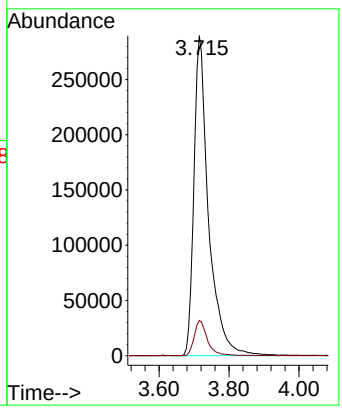
Tgt Ion: 43 Resp: 83937

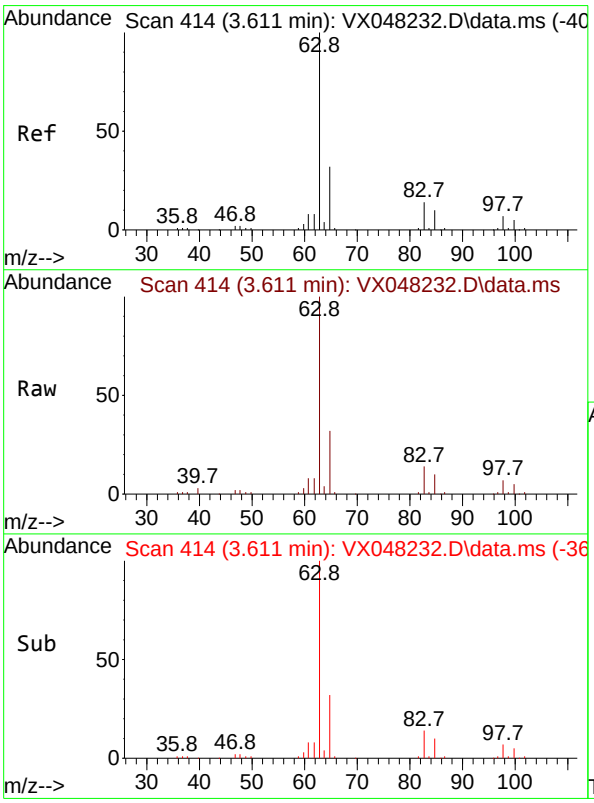
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.0 | 7.9 | 11.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

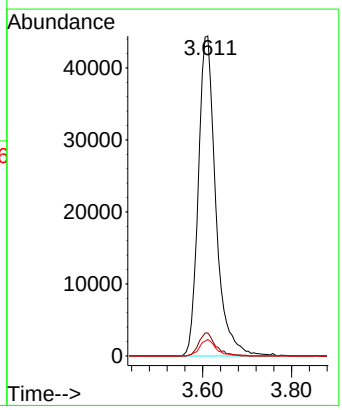


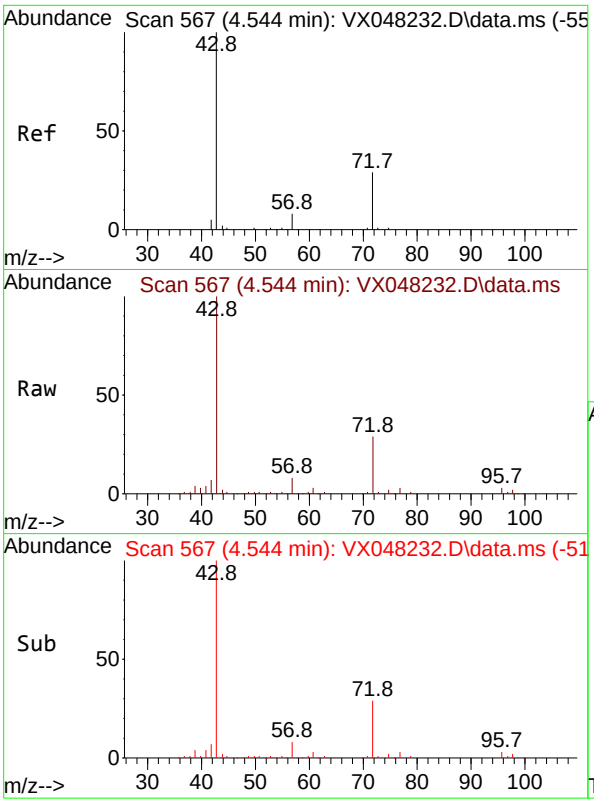




#24
1,1-Dichloroethane
Concen: 42.204 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 121657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 3.5 | 10.6 |
| 100 | 5.1 | 2.1 | 6.3 |

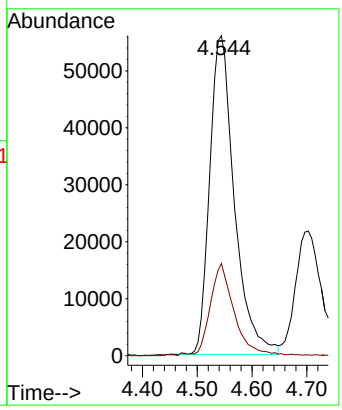





#25
2-Butanone
Concen: 228.411 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 17507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.6 | 19.9 | 29.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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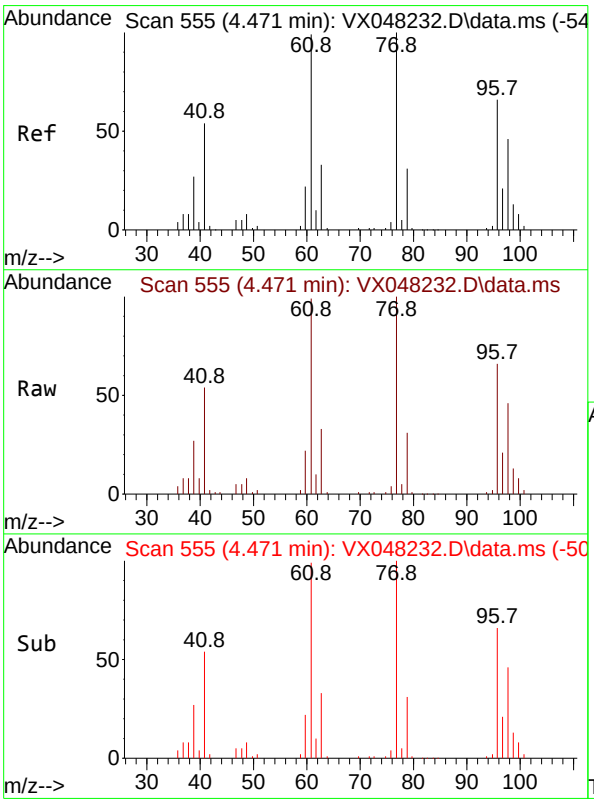
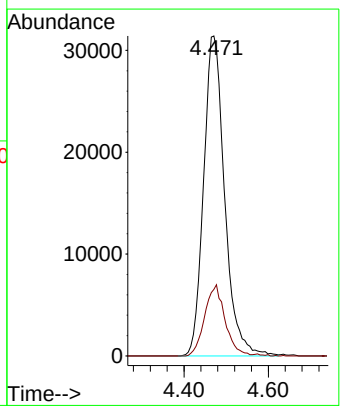
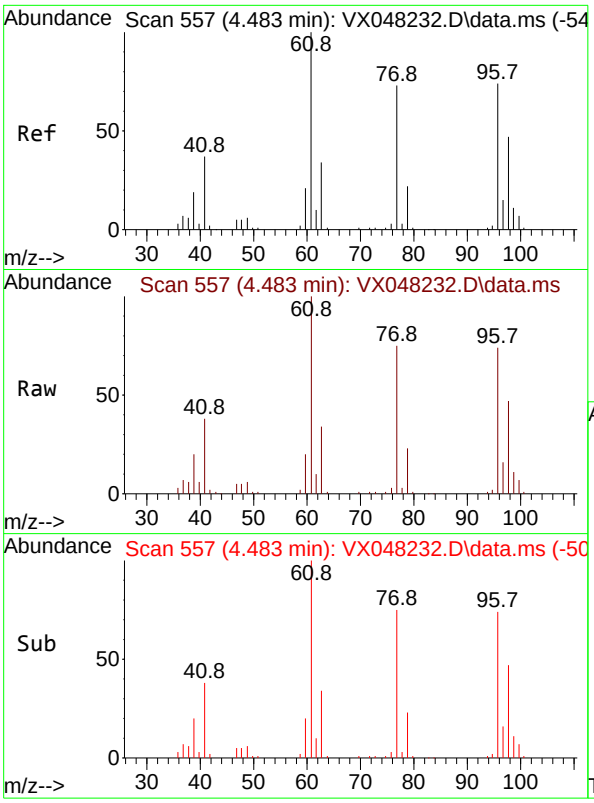



#26
2,2-Dichloropropane
Concen: 44.264 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 77 Resp: 109062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.5 | 11.1 | 33.3 |

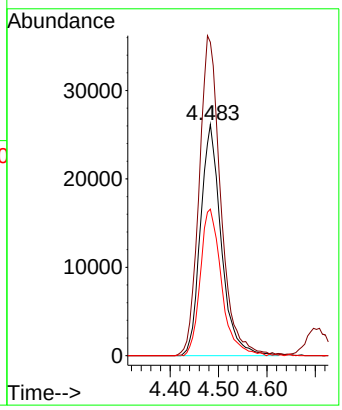





#27
cis-1,2-Dichloroethene
Concen: 43.988 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 96 Resp: 7791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.4 | 0.0 | 294.2 |
| 98 | 64.9 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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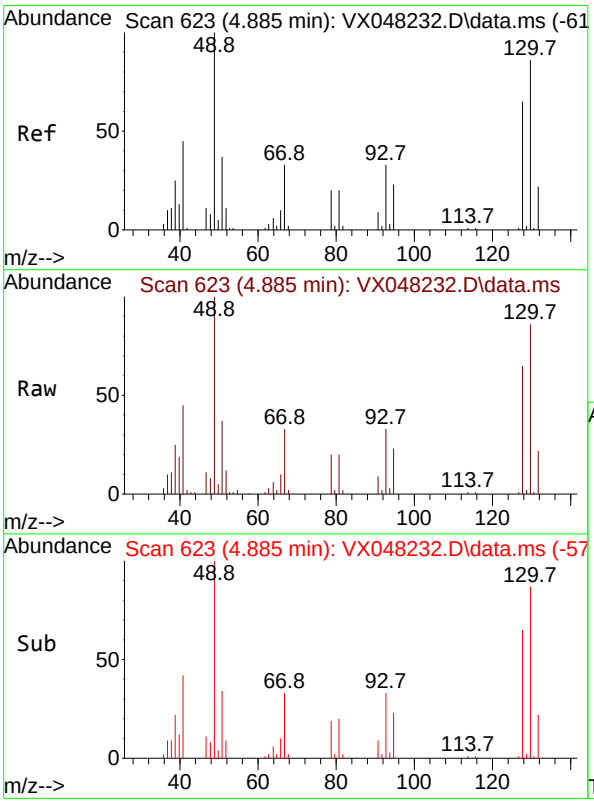
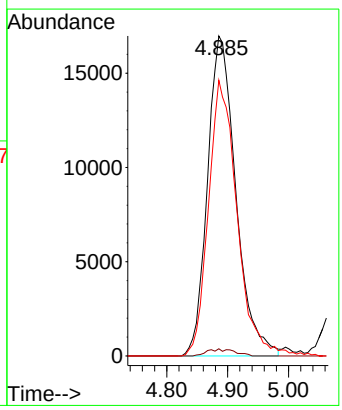
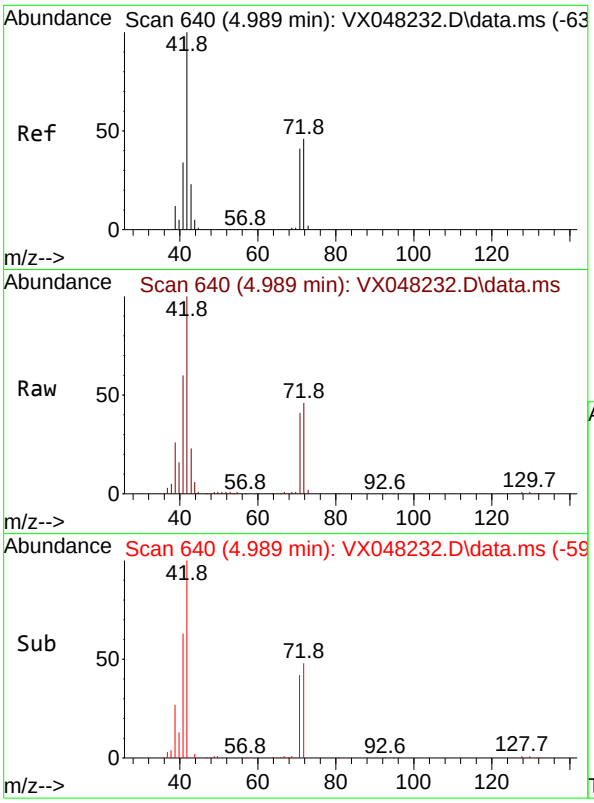



#28
Bromochloromethane
Concen: 41.331 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 49 Resp: 54919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.8 | 0.0 | 4.4 |
| 130 | 86.9 | 59.3 | 88.9 |






#29
Tetrahydrofuran
Concen: 236.335 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 42 Resp: 10638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 49.2 | 35.3 | 52.9 |
| 71 | 44.3 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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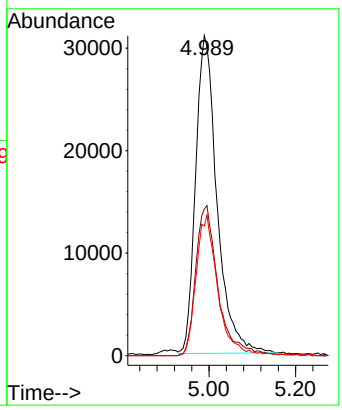
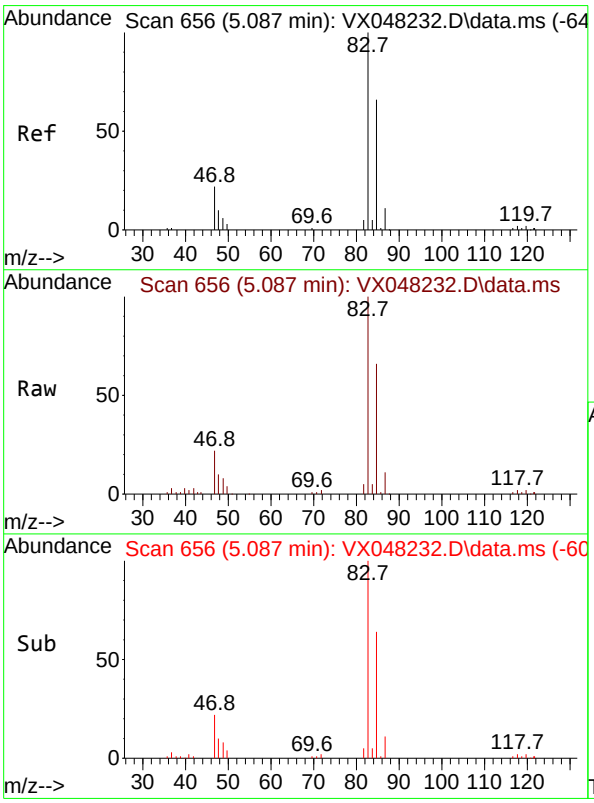
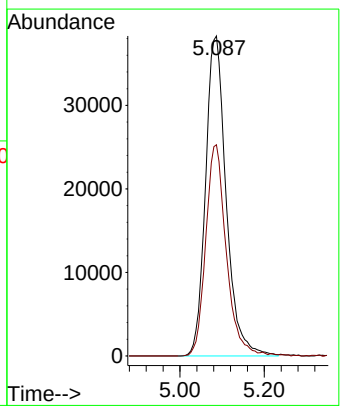


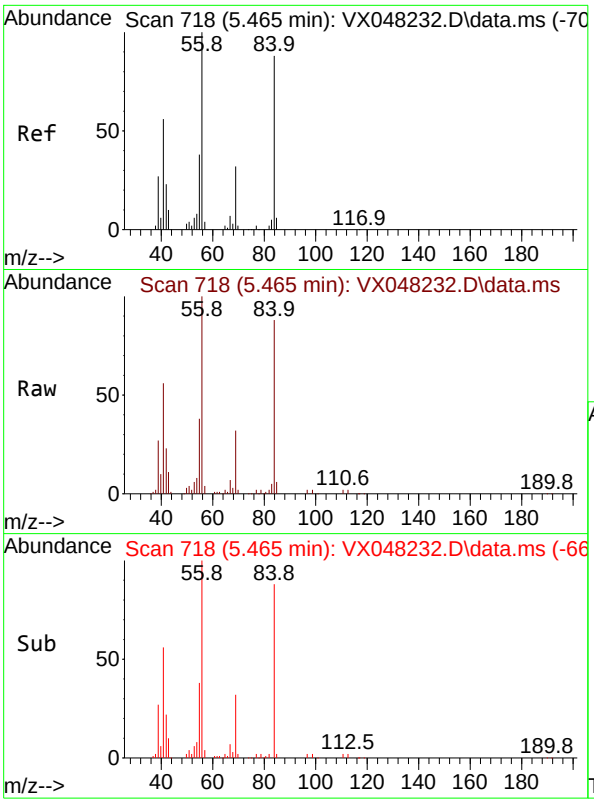




#30
Chloroform
Concen: 42.925 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 130274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.0 | 50.1 | 75.1 |

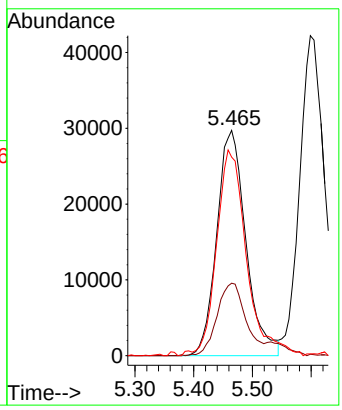





#31
Cyclohexane
Concen: 43.351 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 56 Resp: 10225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.2 | 23.0 | 34.6 |
| 84 | 87.9 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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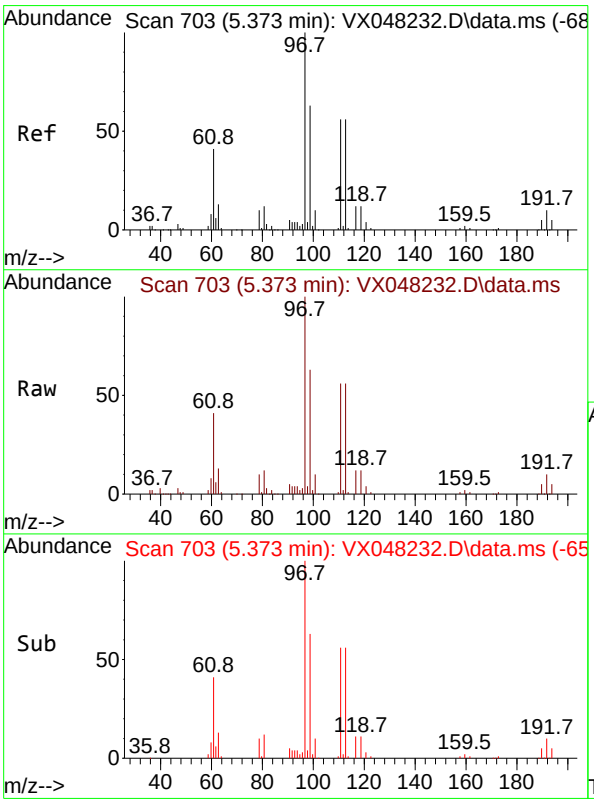
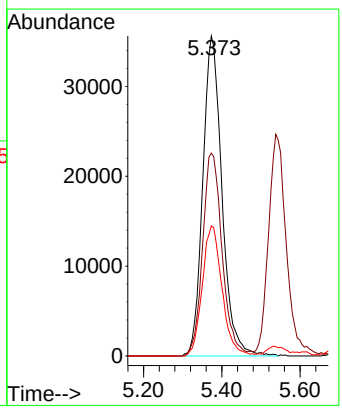
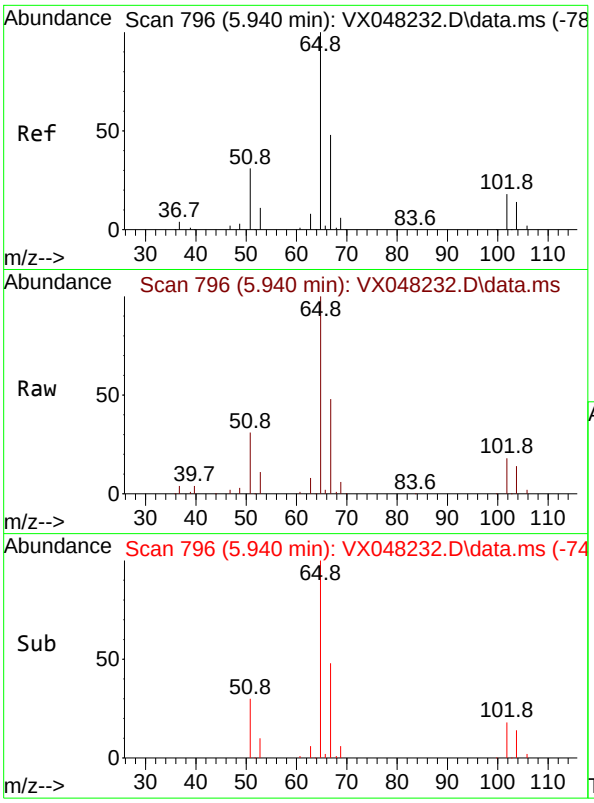



#32
1,1,1-Trichloroethane
Concen: 48.560 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 97 Resp: 121090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.5 | 51.7 | 77.5 |
| 61 | 41.8 | 34.8 | 52.2 |

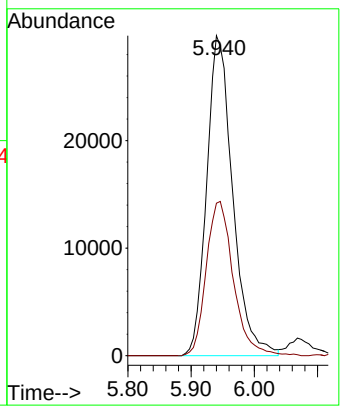





#33
1,2-Dichloroethane-d4
Concen: 44.048 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 65 Resp: 8495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.4 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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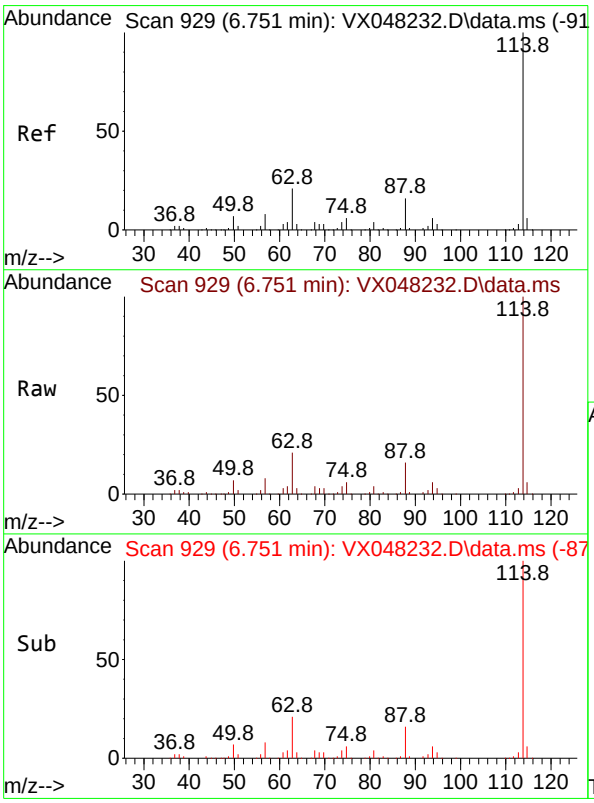
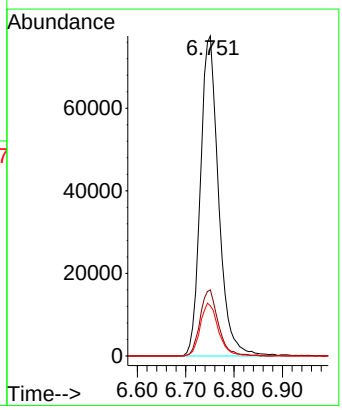
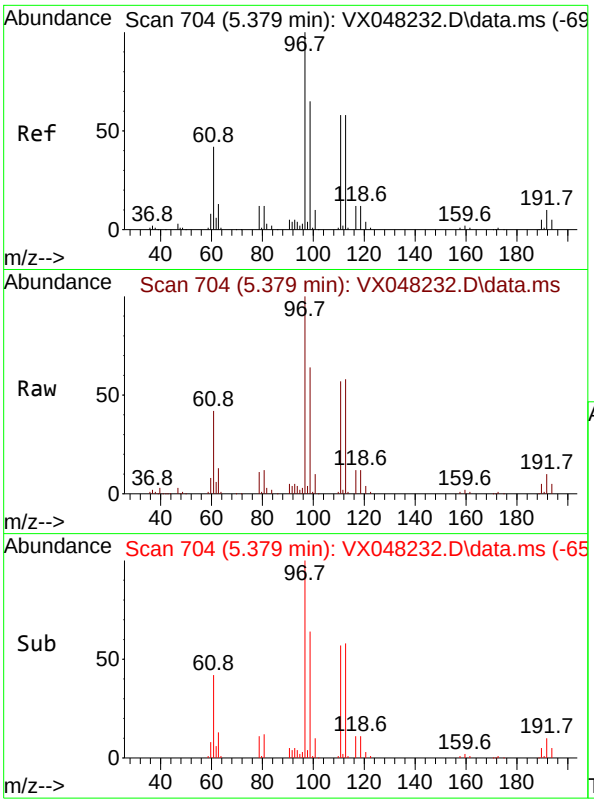



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:114 Resp: 201906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.7 | 0.0 | 43.2 |
| 88 | 15.7 | 0.0 | 33.6 |

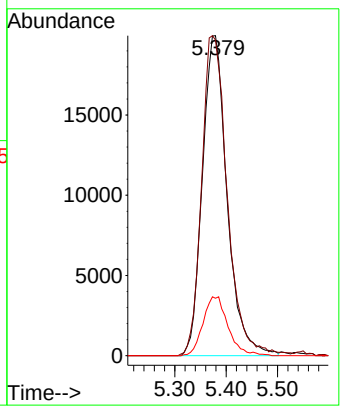





#35
Dibromofluoromethane
Concen: 47.523 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:113 Resp: 6659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.6 | 82.2 | 123.4 |
| 192 | 18.7 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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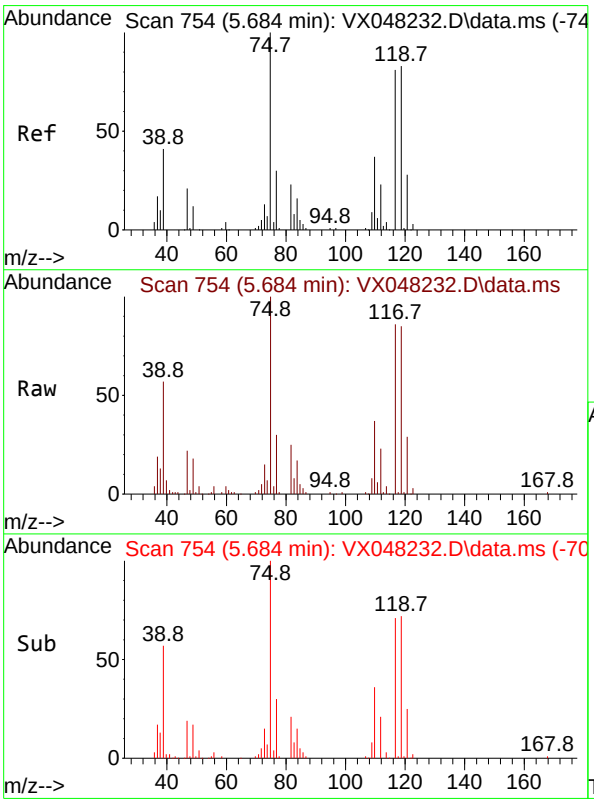
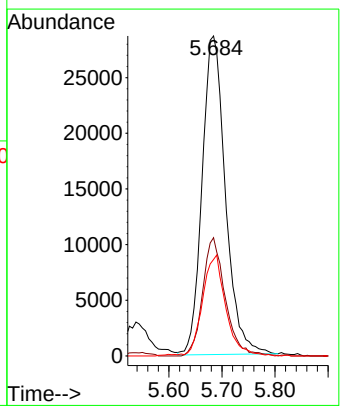
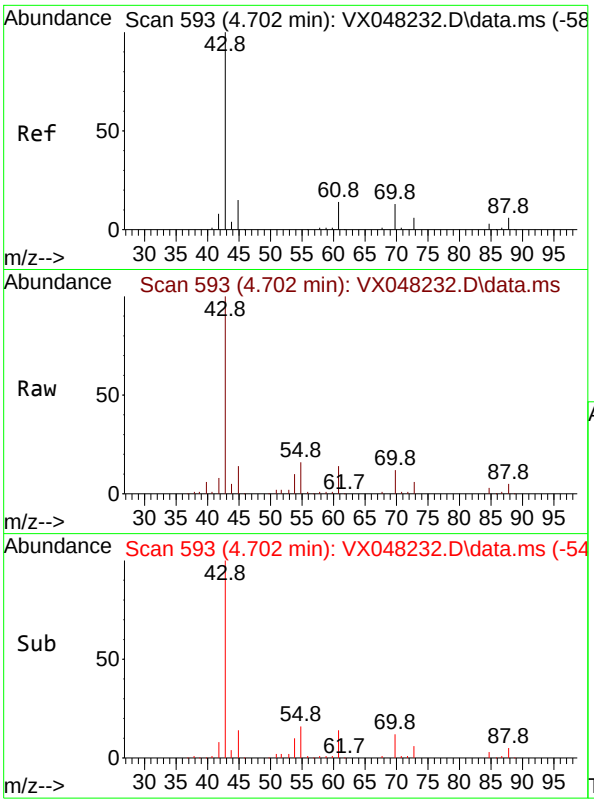



#36
1,1-Dichloropropene
Concen: 44.323 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 87493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.9 | 17.7 | 53.1 |
| 77 | 31.7 | 24.3 | 36.5 |

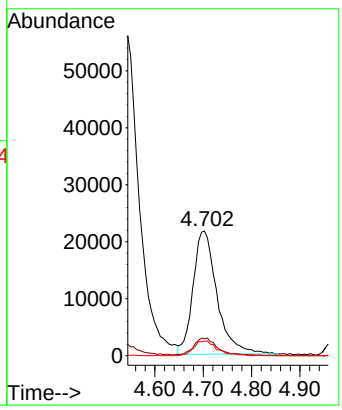





#37
Ethyl Acetate
Concen: 47.073 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 7426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.0 | 10.6 | 15.8 |
| 70 | 11.6 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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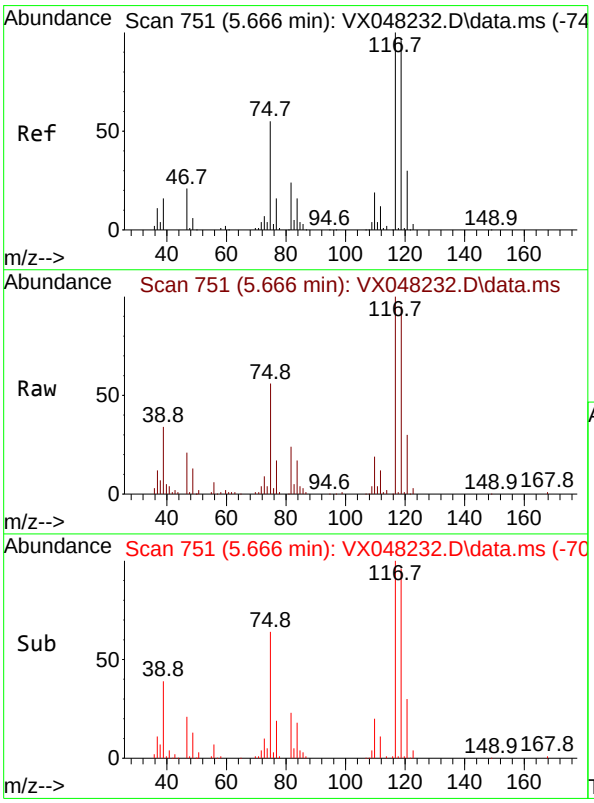
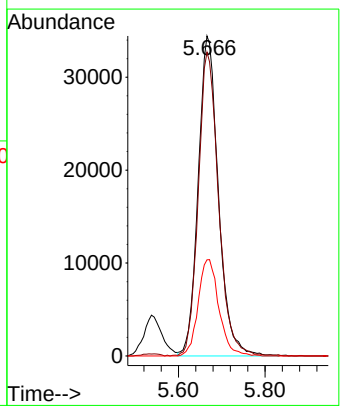
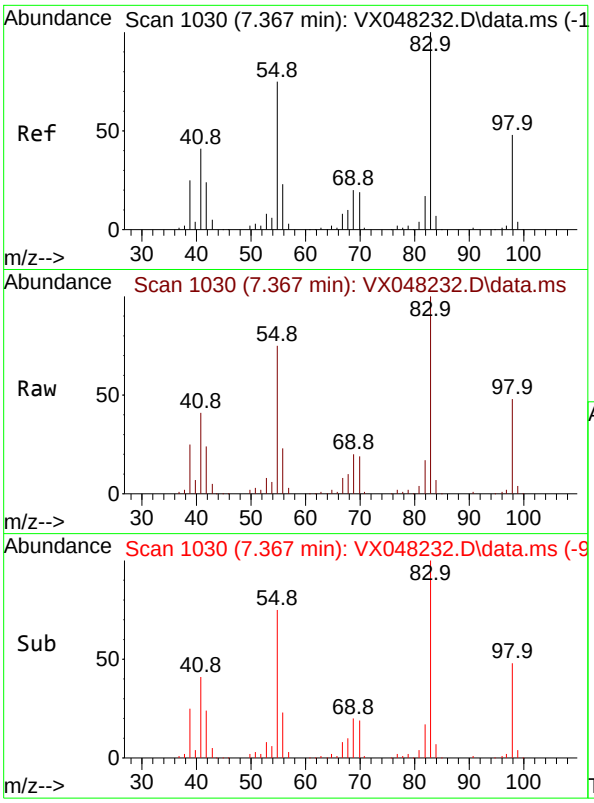



#38
Carbon Tetrachloride
Concen: 49.302 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 111708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.8 | 77.2 | 115.8 |
| 121 | 30.1 | 24.8 | 37.2 |

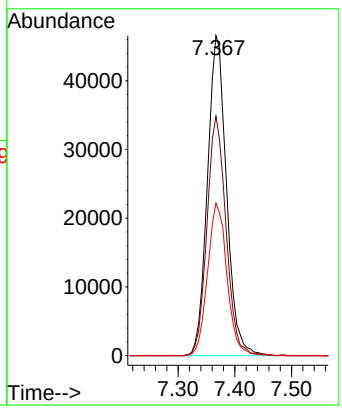





#39
Methylcyclohexane
Concen: 49.008 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 10907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.8 | 66.2 | 99.2 |
| 98 | 47.6 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations**
**APPROVED**

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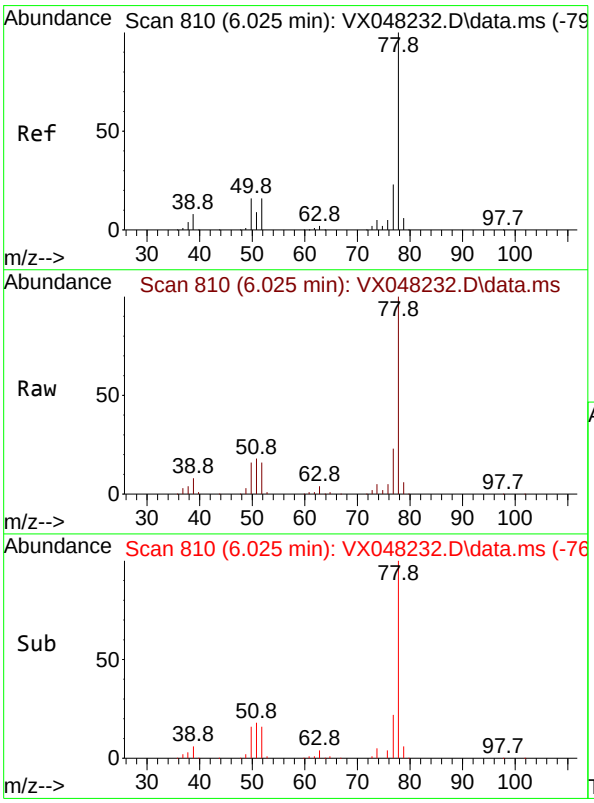
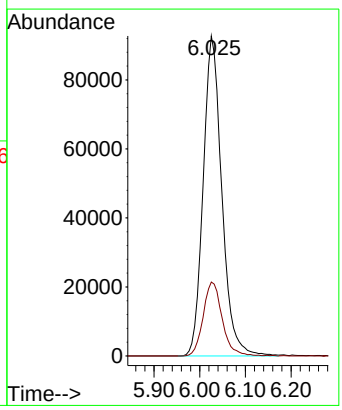
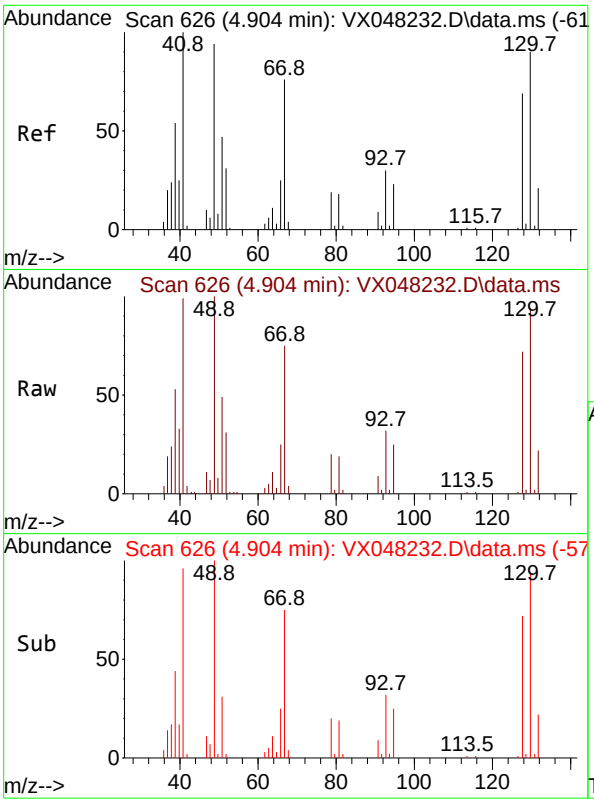



#40
Benzene
Concen: 44.825 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 78 Resp: 262745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.1 | 19.3 | 28.9 |

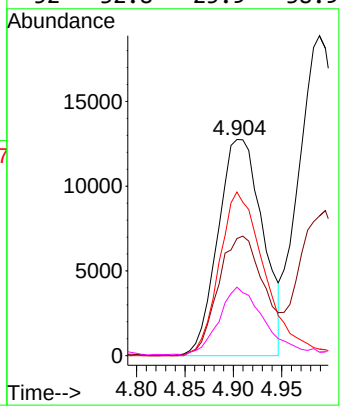





#41
Methacrylonitrile
Concen: 48.874 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 4129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.1 | 44.0 | 66.0 |
| 67 | 78.6 | 58.7 | 88.1 |
| 52 | 32.8 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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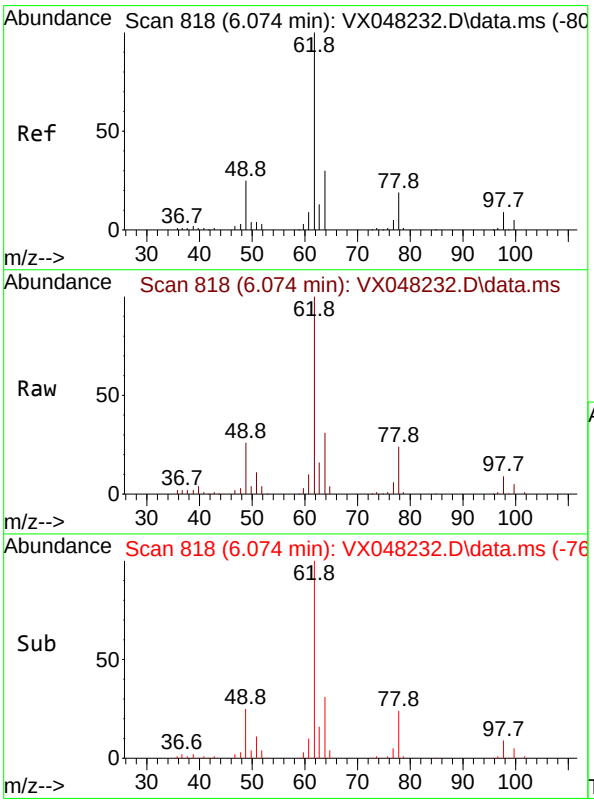
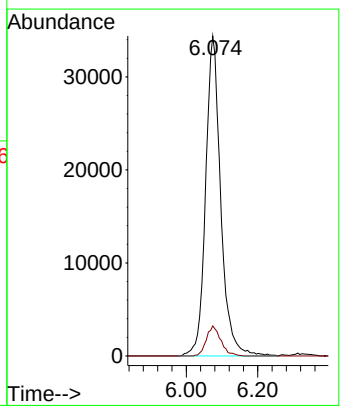
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

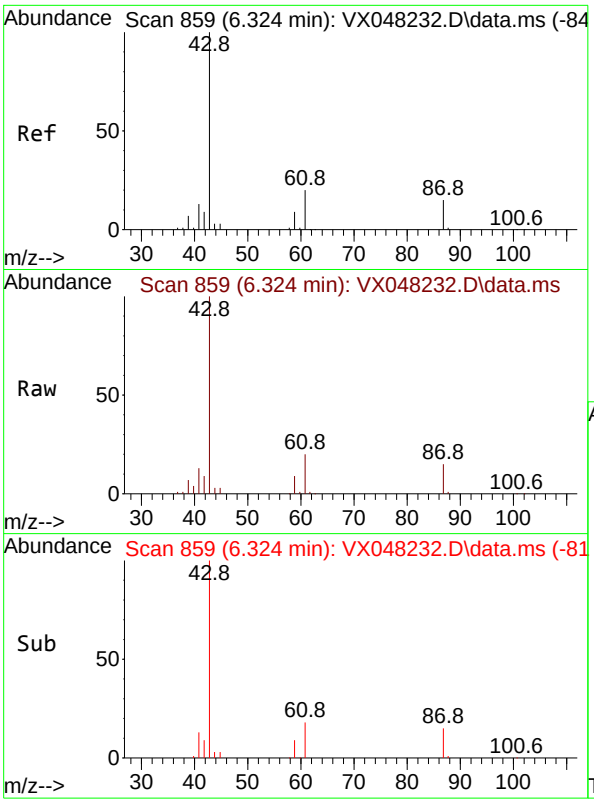



#42
1,2-Dichloroethane
Concen: 48.064 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 100937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.0 | 0.0 | 17.2 |

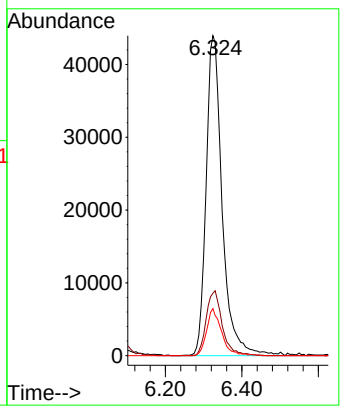





#43
Isopropyl Acetate
Concen: 48.444 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 12829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.3 | 14.9 | 22.3 |
| 87 | 13.7 | 9.4 | 14.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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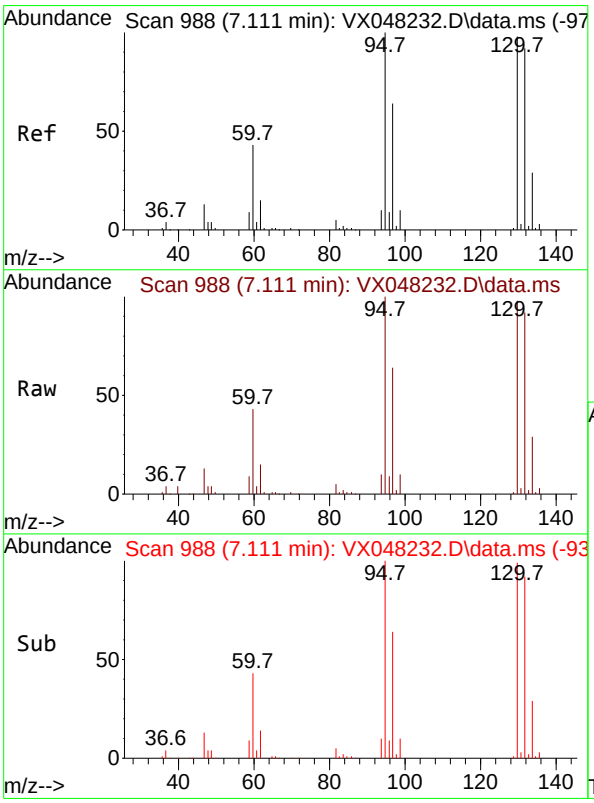
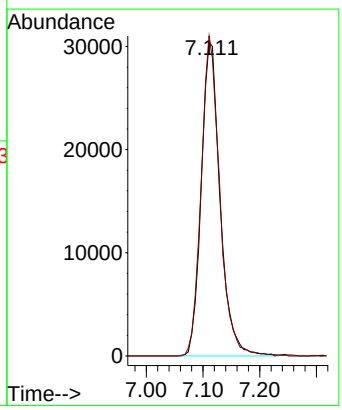
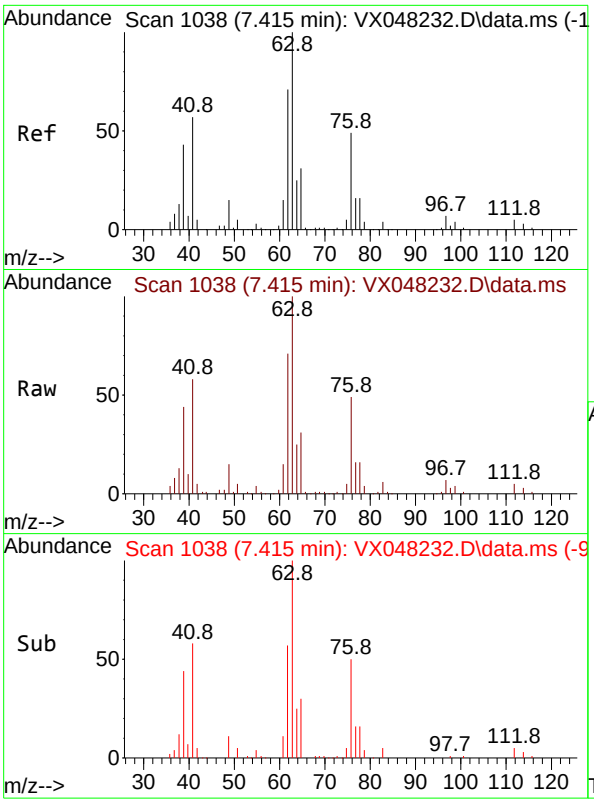



#44
Trichloroethene
Concen: 47.597 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:130 Resp: 70313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 101.9 | 0.0 | 200.6 |

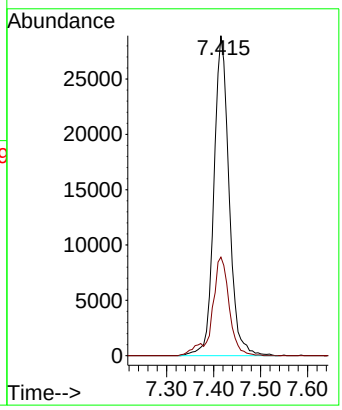





#45
1,2-Dichloropropane
Concen: 43.746 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 6489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.8 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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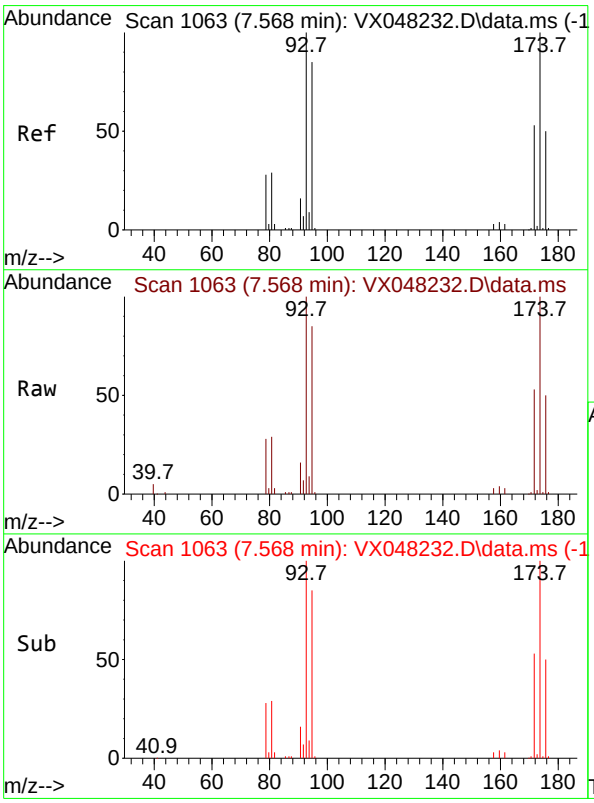
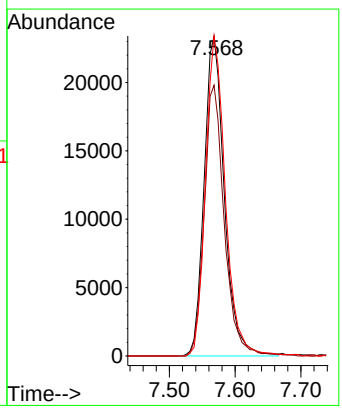
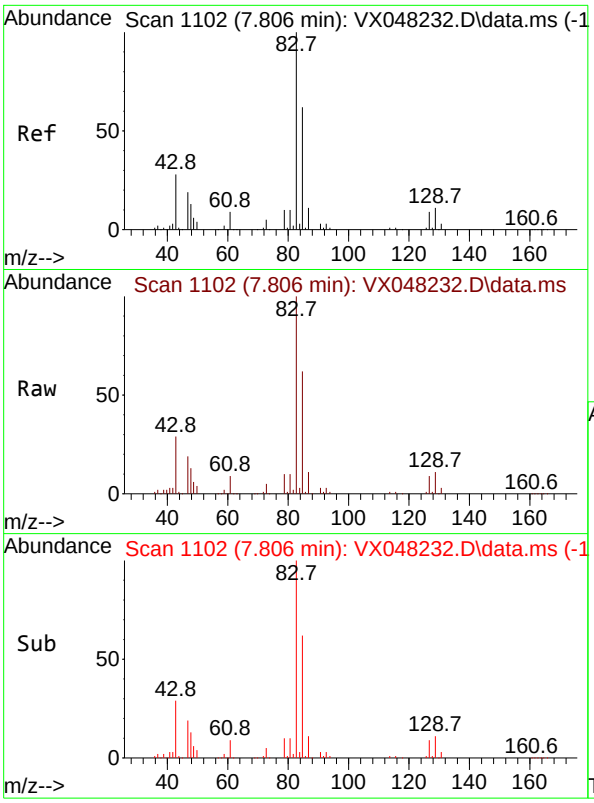



#46
Dibromomethane
Concen: 46.726 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 93 Resp: 49874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.1 | 65.9 | 98.9 |
| 174 | 98.7 | 71.7 | 107.5 |

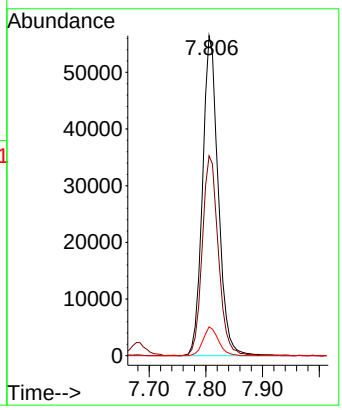





#47
Bromodichloromethane
Concen: 47.107 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 10867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.4 | 52.2 | 78.4 |
| 127 | 9.0 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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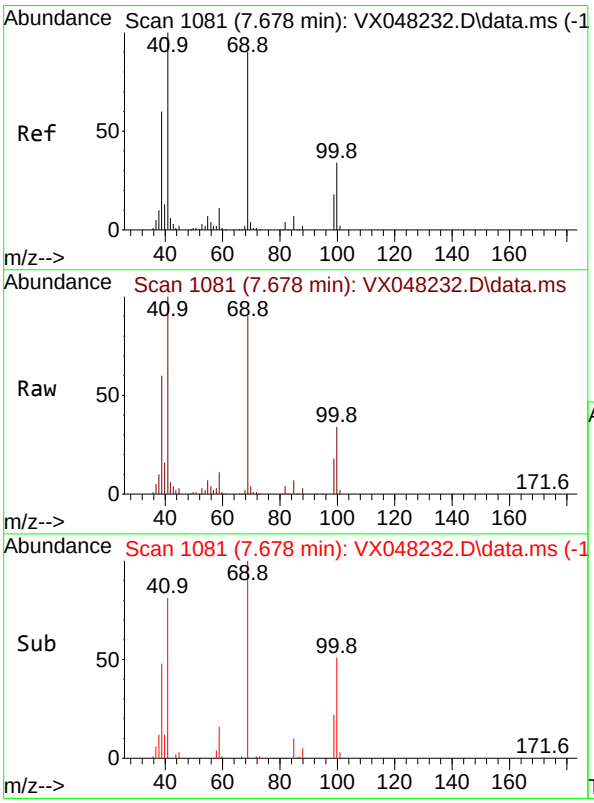
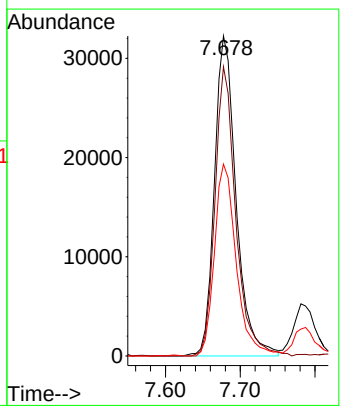
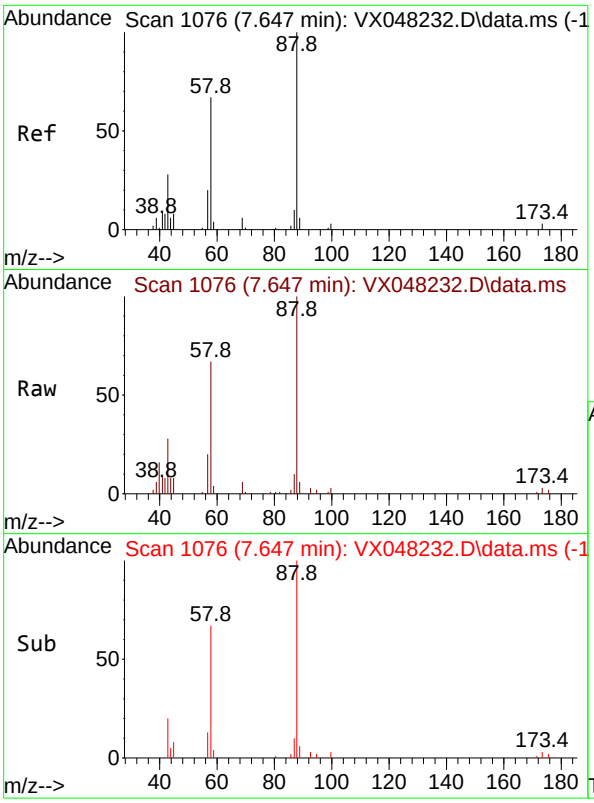



#48
Methyl methacrylate
Concen: 47.990 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 65057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.8 | 63.4 | 95.0 |
| 39 | 60.5 | 47.1 | 70.7 |






#49
1,4-Dioxane
Concen: 1467.288 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 88 Resp: 1790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.1 | 35.0 | 52.4 |
| 58 | 69.5 | 61.9 | 92.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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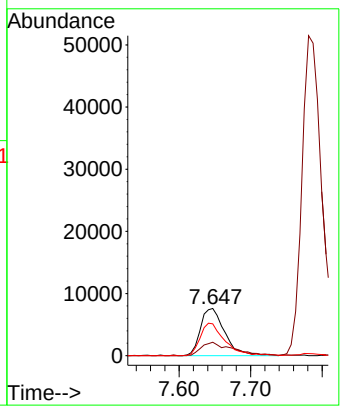
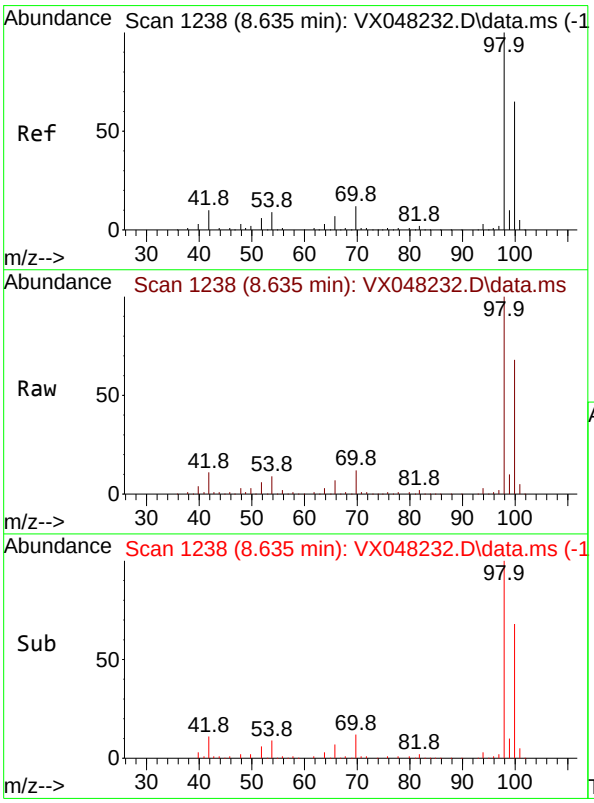
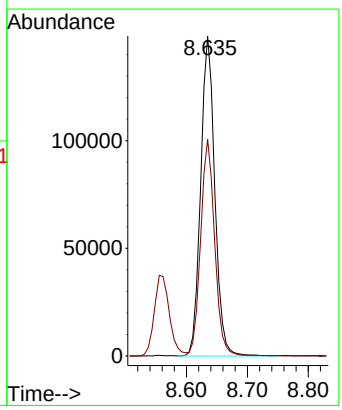


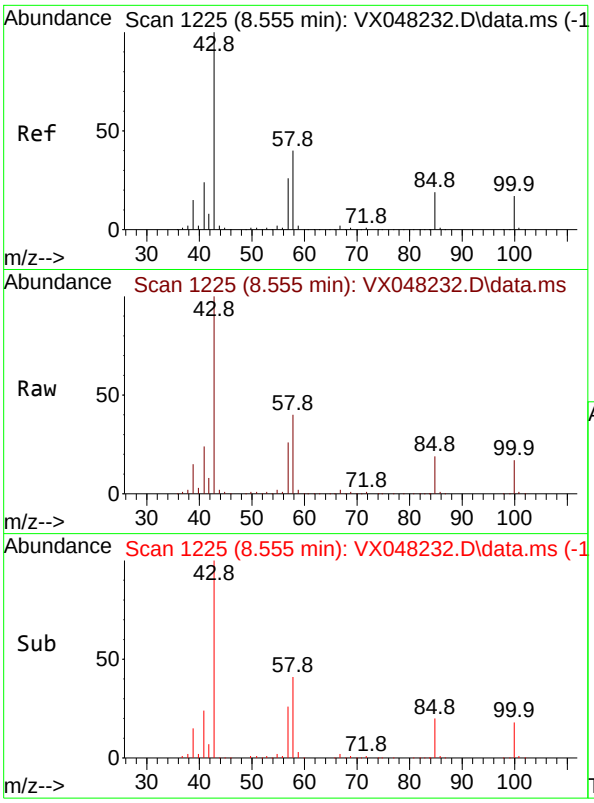




#50
Toluene-d8
Concen: 47.402 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 98 Resp: 239295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.2 | 53.0 | 79.4 |

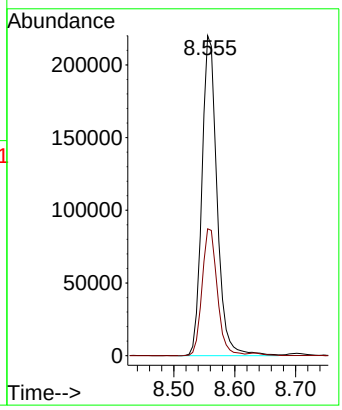





#51
4-Methyl-2-Pentanone
Concen: 258.320 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 38066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.8 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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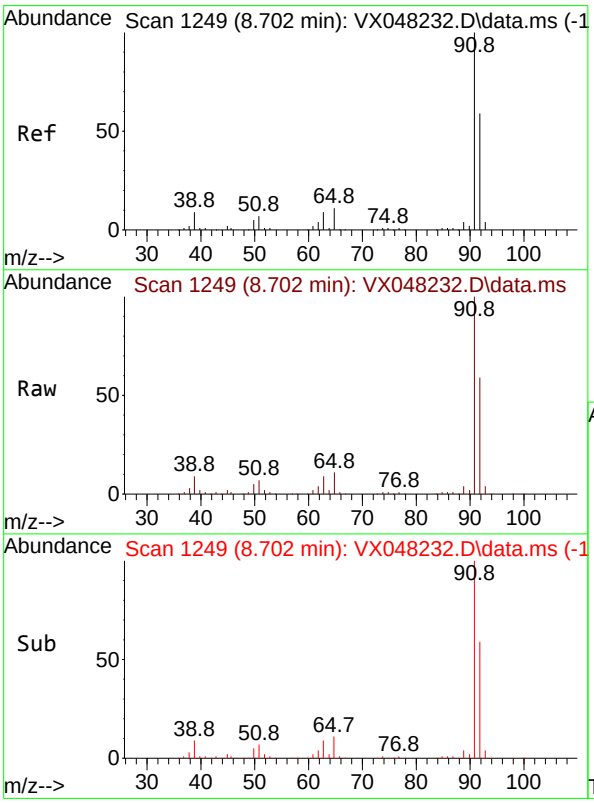
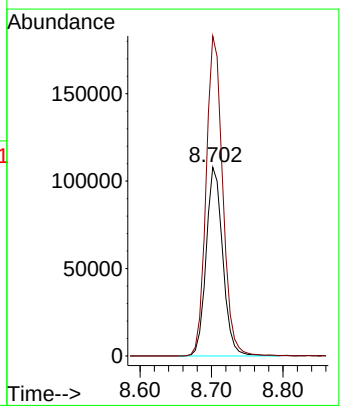
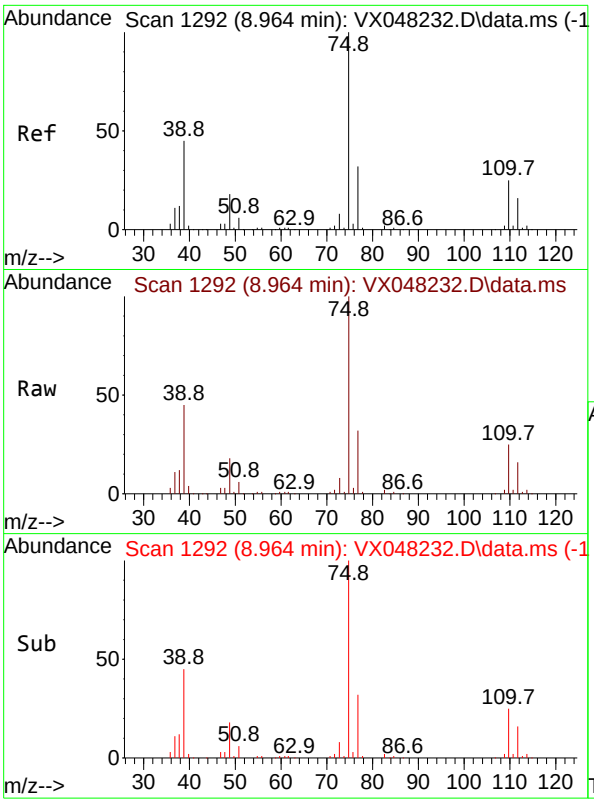



#52
Toluene
Concen: 49.373 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 92 Resp: 173942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.6 | 136.1 | 204.1 |

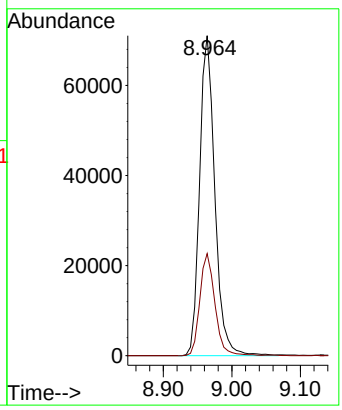





#53
t-1,3-Dichloropropene
Concen: 50.880 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 10996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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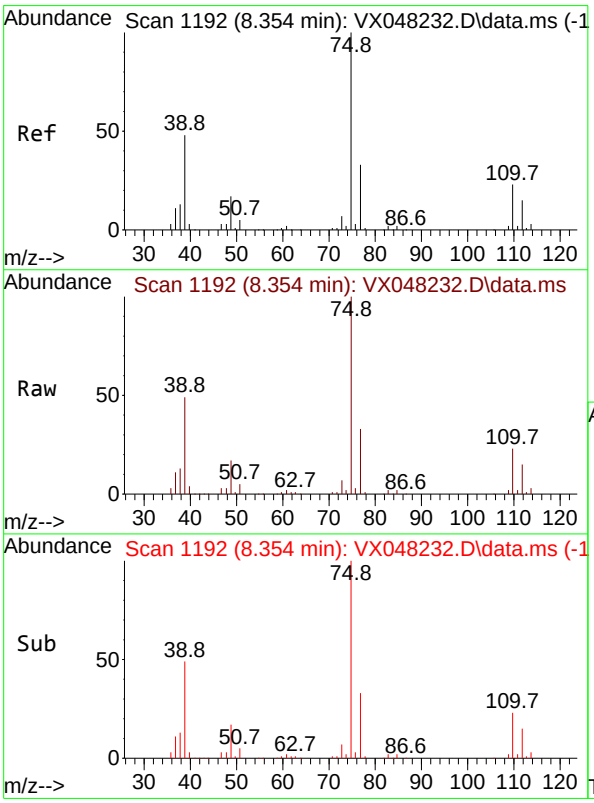
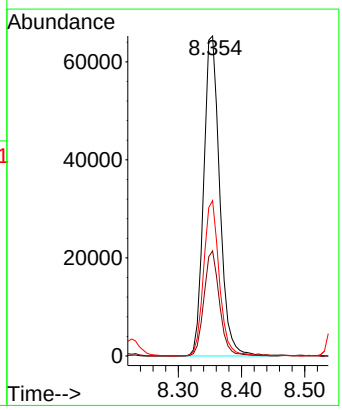
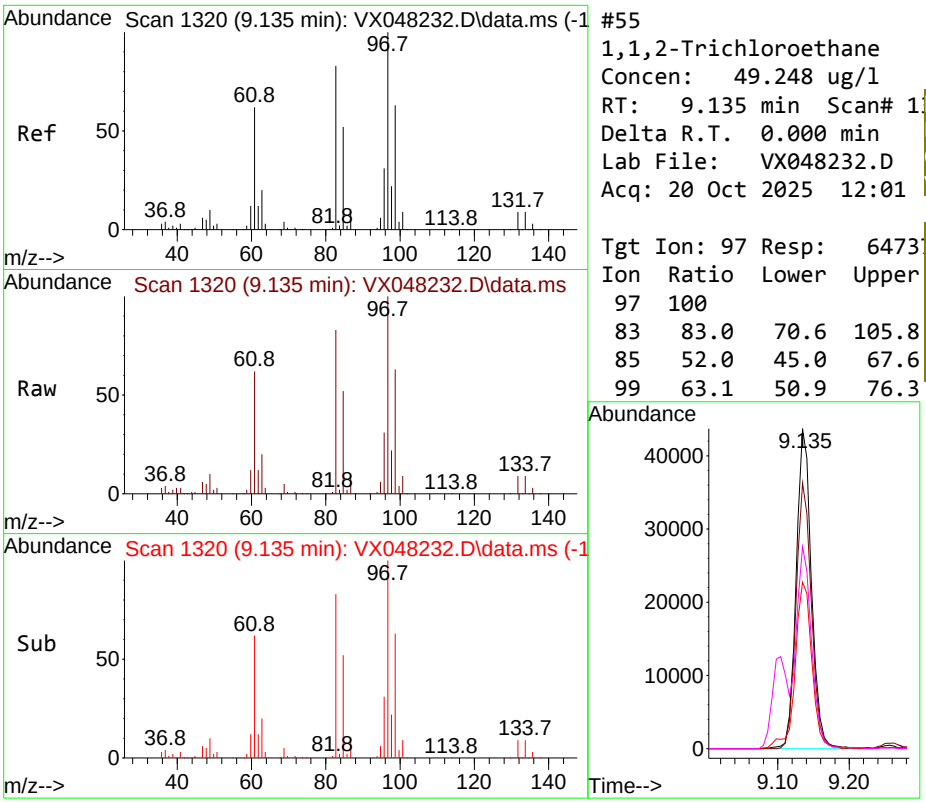



#54
cis-1,3-Dichloropropene
Concen: 49.046 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 115534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.8 | 24.9 | 37.3 |
| 39 | 46.7 | 42.6 | 64.0 |






#55
1,1,2-Trichloroethane
Concen: 49.248 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 97 Resp: 6473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.0 | 70.6 | 105.8 |
| 85 | 52.0 | 45.0 | 67.6 |
| 99 | 63.1 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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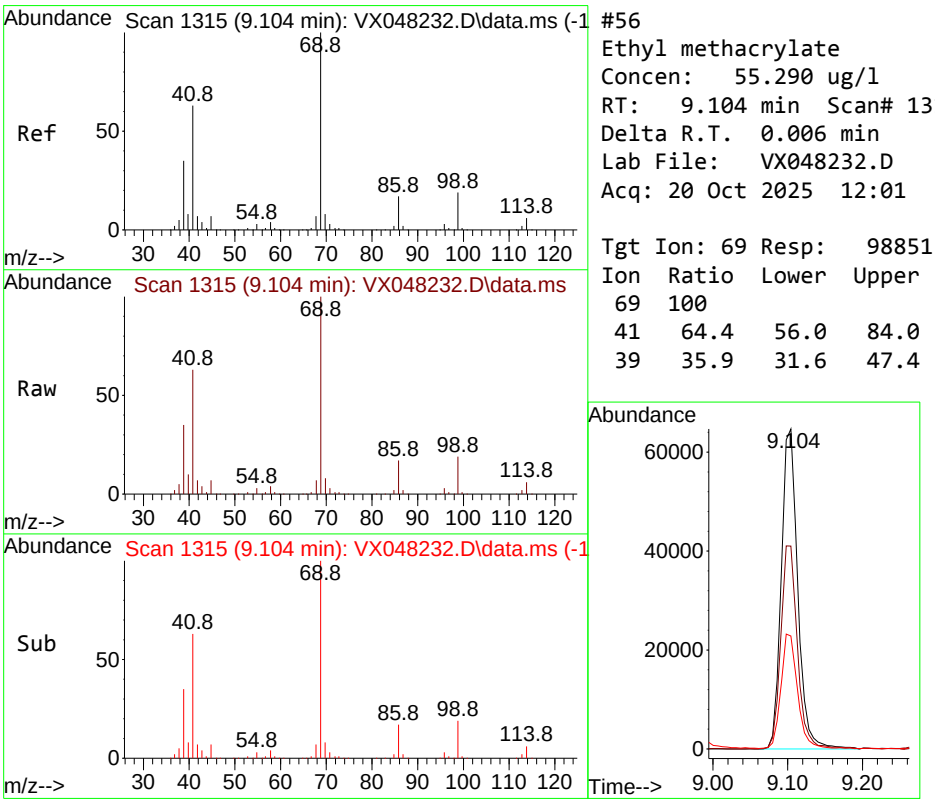
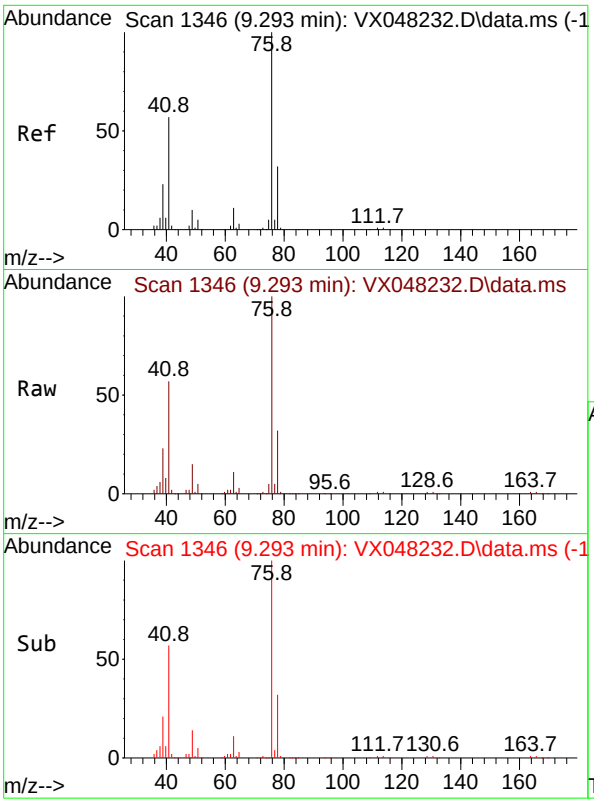



#56
Ethyl methacrylate
Concen: 55.290 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 69 Resp: 98851

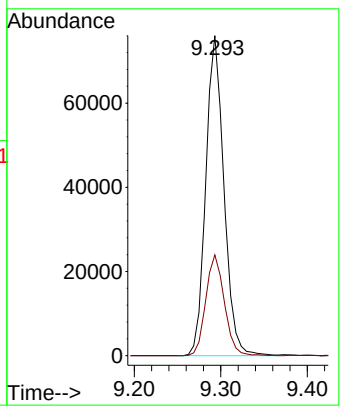
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.4 | 56.0 | 84.0 |
| 39 | 35.9 | 31.6 | 47.4 |




#57
1,3-Dichloropropane
Concen: 48.206 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 76 Resp: 11070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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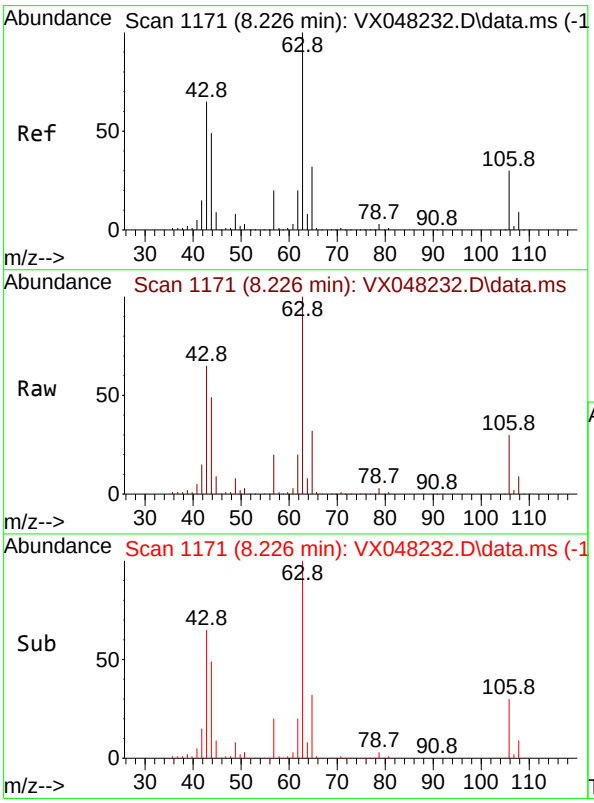
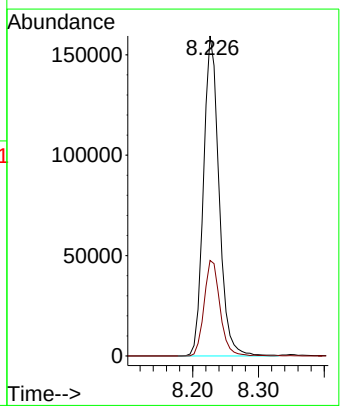
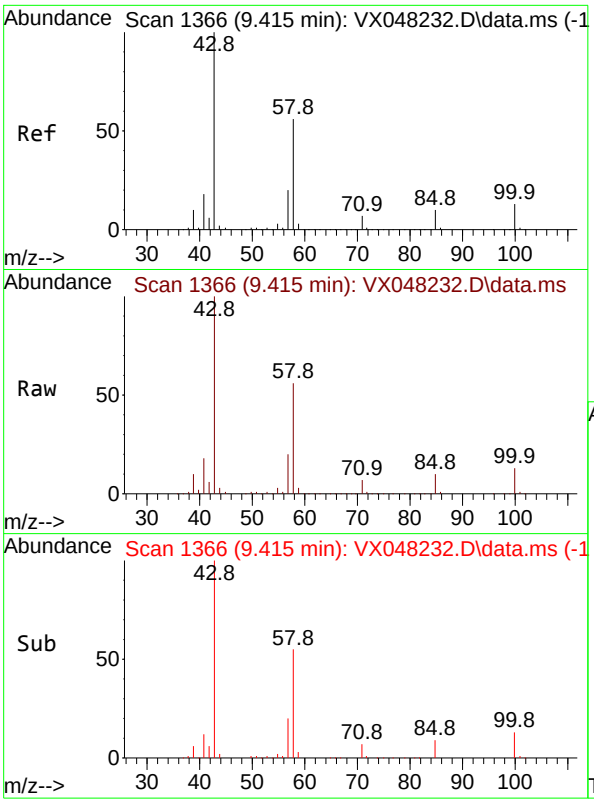



#58
2-Chloroethyl Vinyl ether
Concen: 285.817 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 262387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.6 | 22.2 | 33.2 |

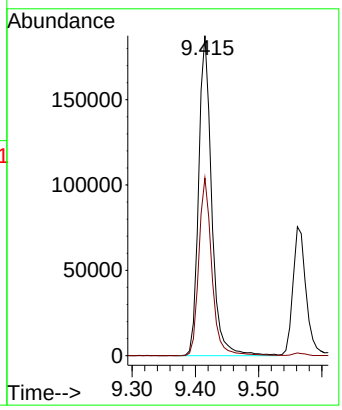





#59
2-Hexanone
Concen: 261.113 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 26914

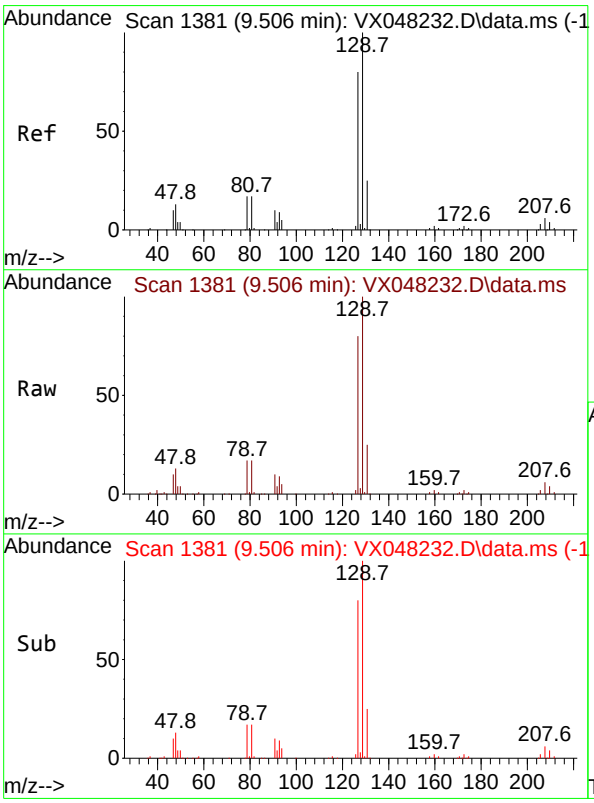
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.6 | 26.3 | 78.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

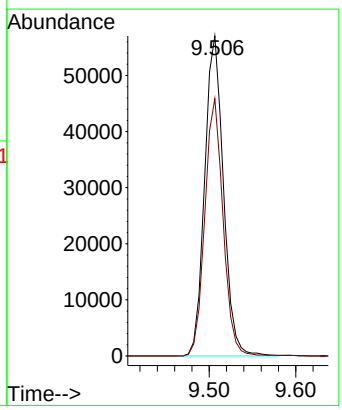
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

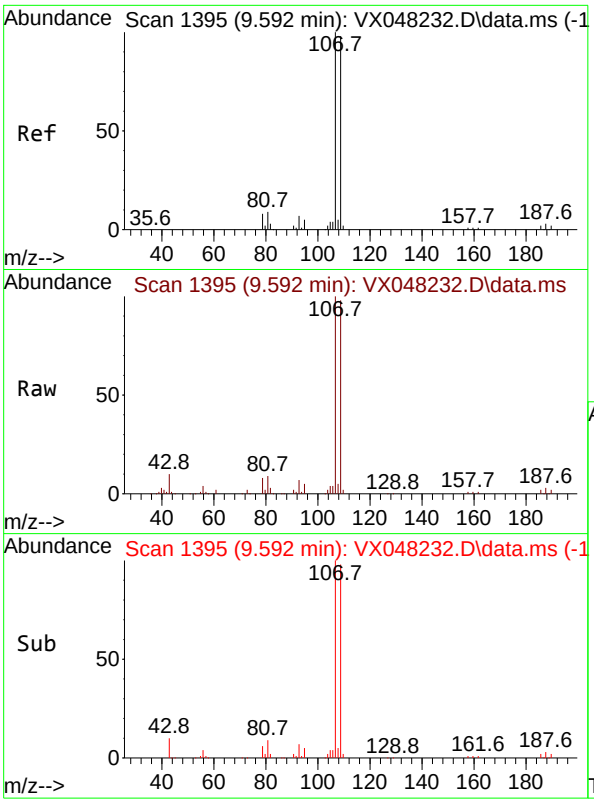



#60
Dibromochloromethane
Concen: 52.123 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:129 Resp: 85760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.4 | 38.6 | 115.7 |

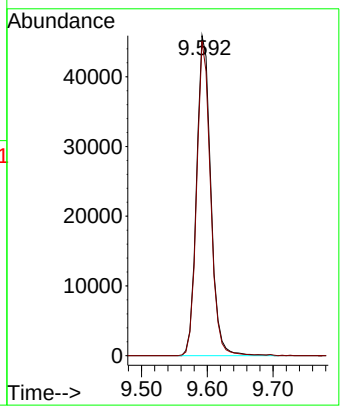





#61
1,2-Dibromoethane
Concen: 51.208 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:107 Resp: 6902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.5 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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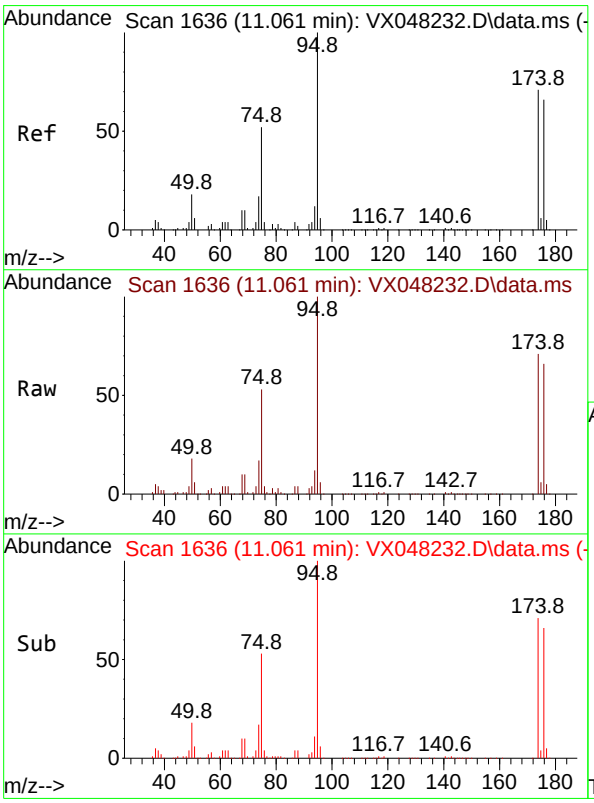
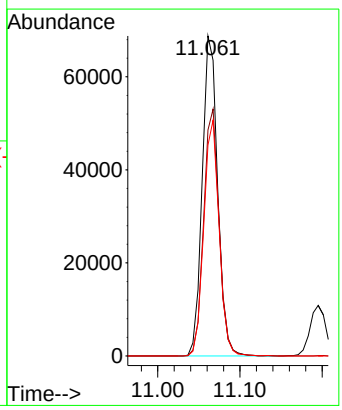
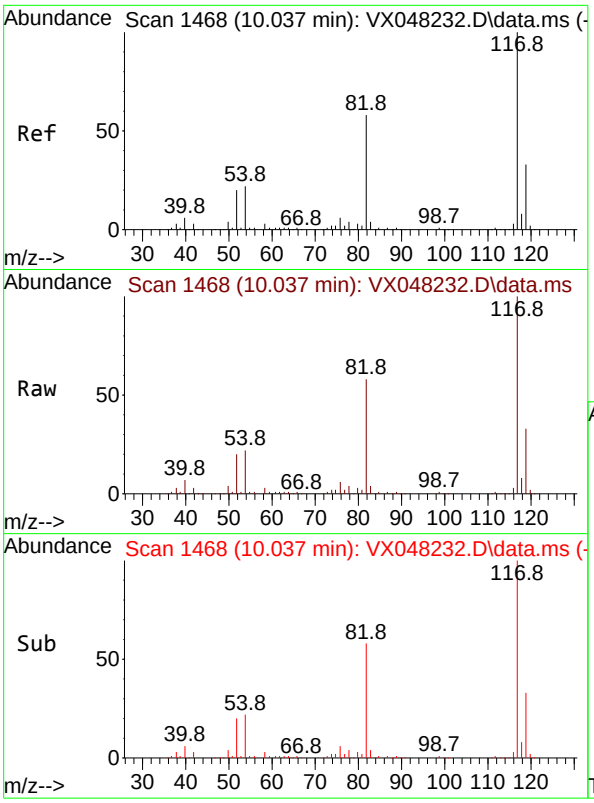



#62
4-Bromofluorobenzene
Concen: 48.719 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 95 Resp: 89579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.3 | 0.0 | 147.8 |
| 176 | 73.3 | 0.0 | 142.8 |

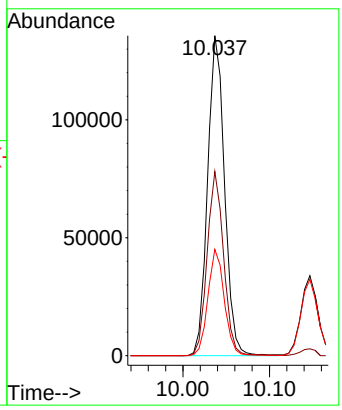





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 18449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.6 | 46.5 | 69.7 |
| 119 | 33.2 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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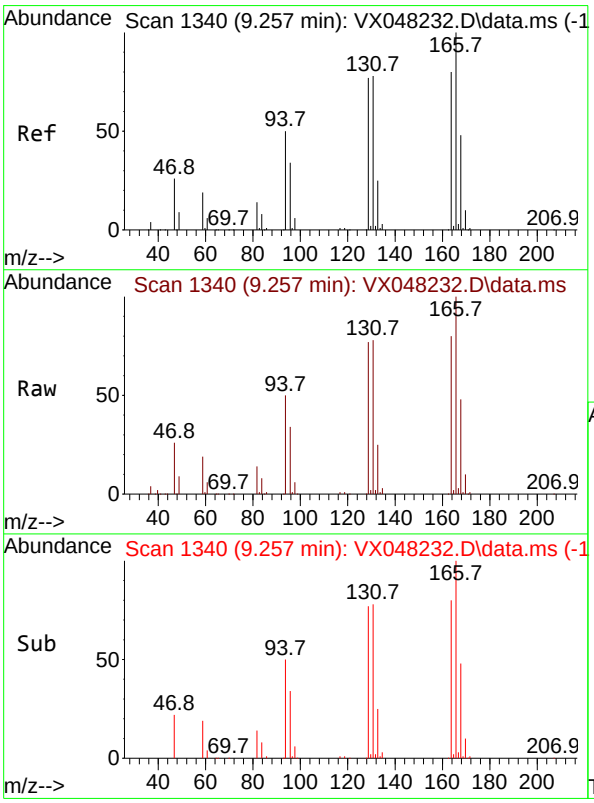
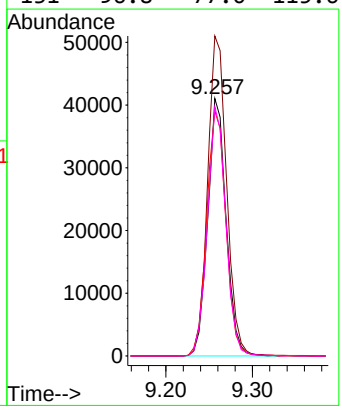
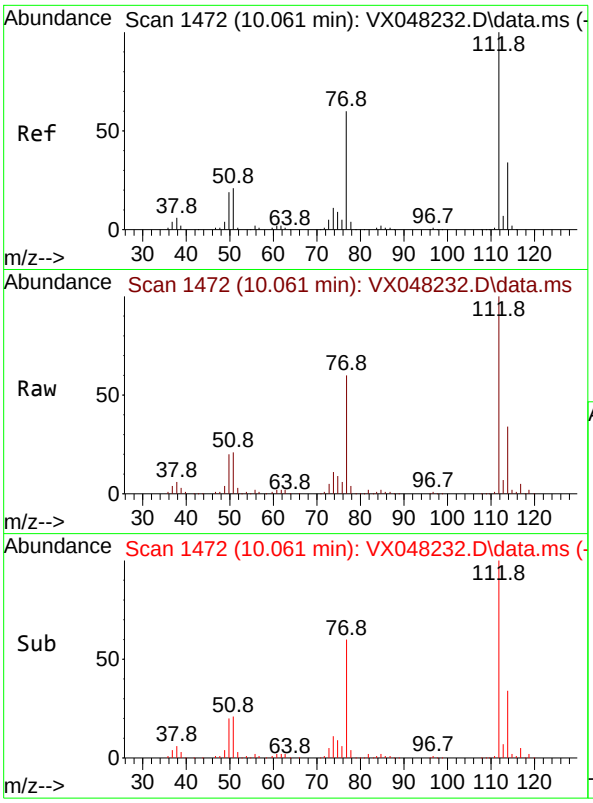



#64
Tetrachloroethene
Concen: 46.776 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:164 Resp: 60510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 124.3 | 104.5 | 156.7 |
| 129 | 95.1 | 81.8 | 122.6 |
| 131 | 96.8 | 77.0 | 115.6 |

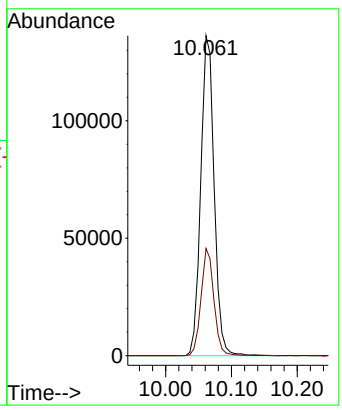





#65
Chlorobenzene
Concen: 47.805 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:112 Resp: 19284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.5 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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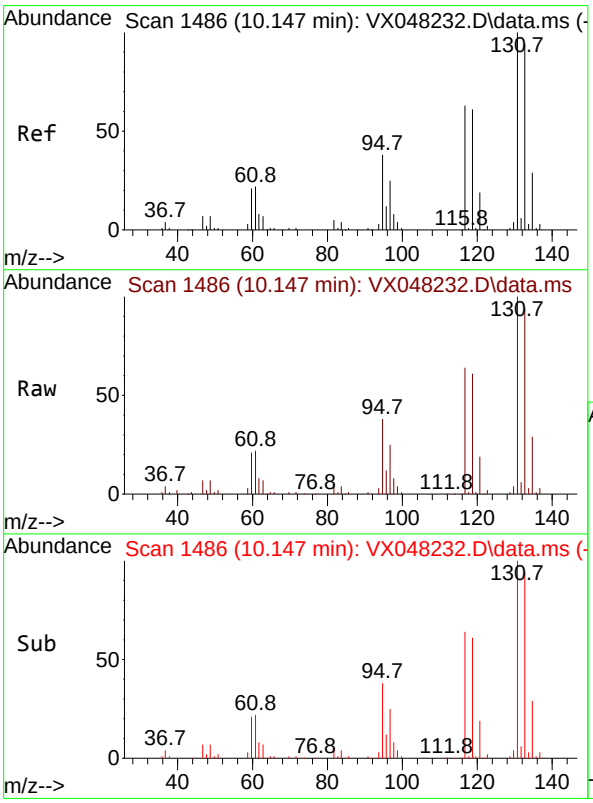
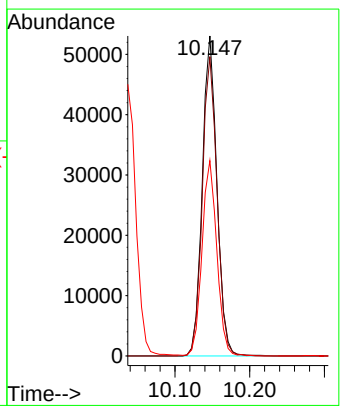
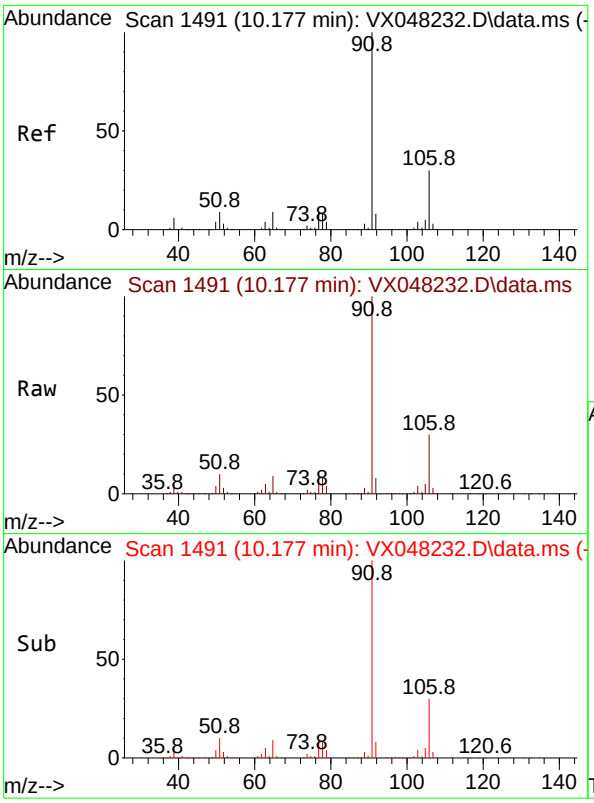



#66
1,1,1,2-Tetrachloroethane
Concen: 49.482 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:131 Resp: 71930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.7 | 47.6 | 142.8 |
| 119 | 62.0 | 32.5 | 97.5 |

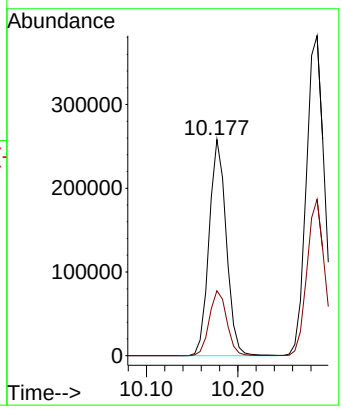





#67
Ethyl Benzene
Concen: 48.680 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 33666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.1 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations**
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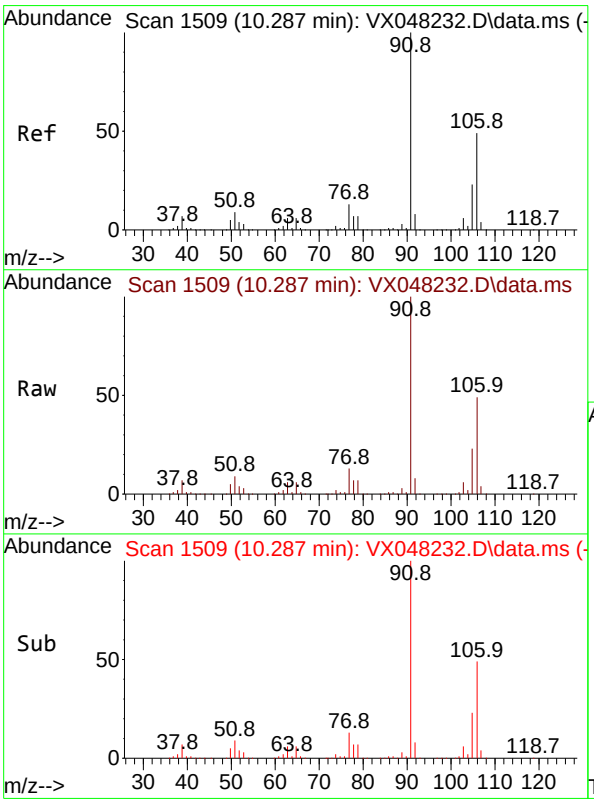
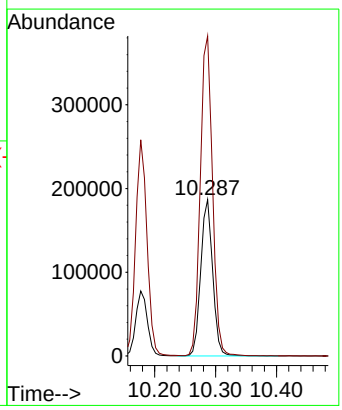
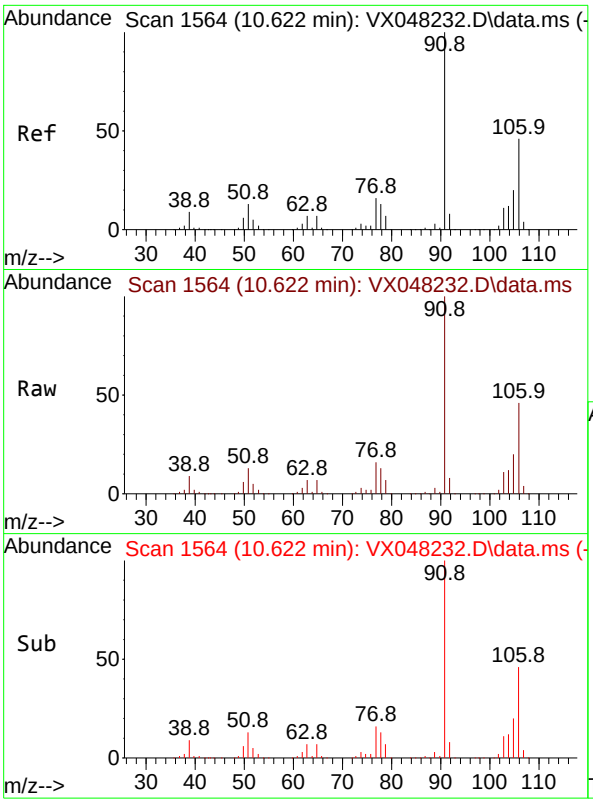



#68
m/p-Xylenes
Concen: 98.455 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:106 Resp: 253662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.1 | 167.9 | 251.9 |

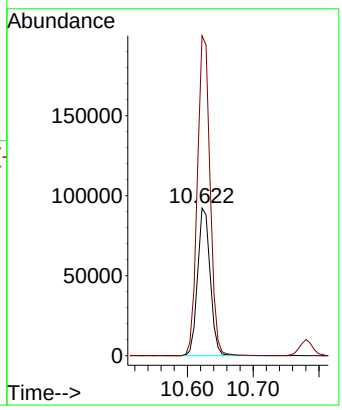





#69
o-Xylene
Concen: 50.542 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:106 Resp: 12258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.2 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations**
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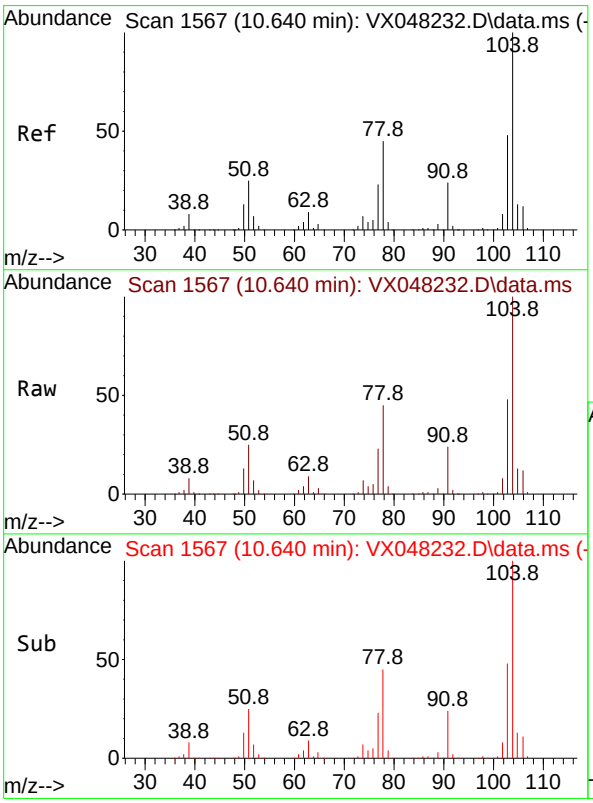
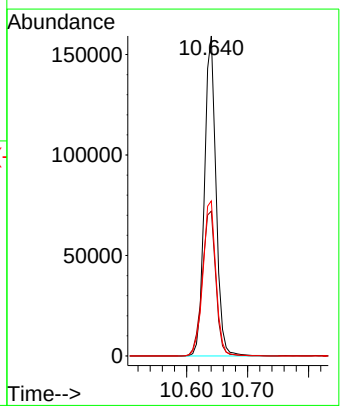
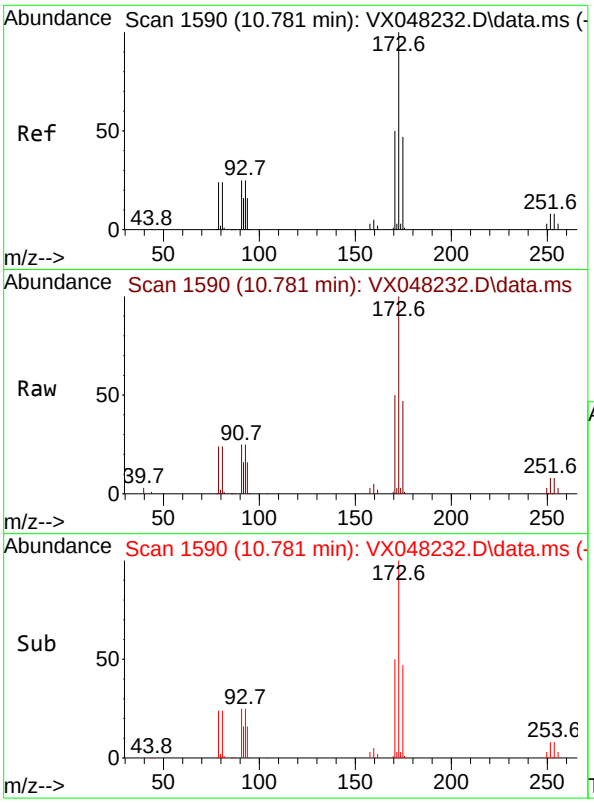



#70
Styrene
Concen: 50.508 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:104 Resp: 210861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.8 | 42.2 | 63.4 |
| 103 | 54.4 | 43.0 | 64.4 |

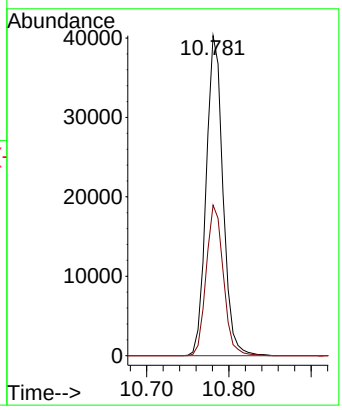





#71
Bromoform
Concen: 53.279 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:173 Resp: 5687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.2 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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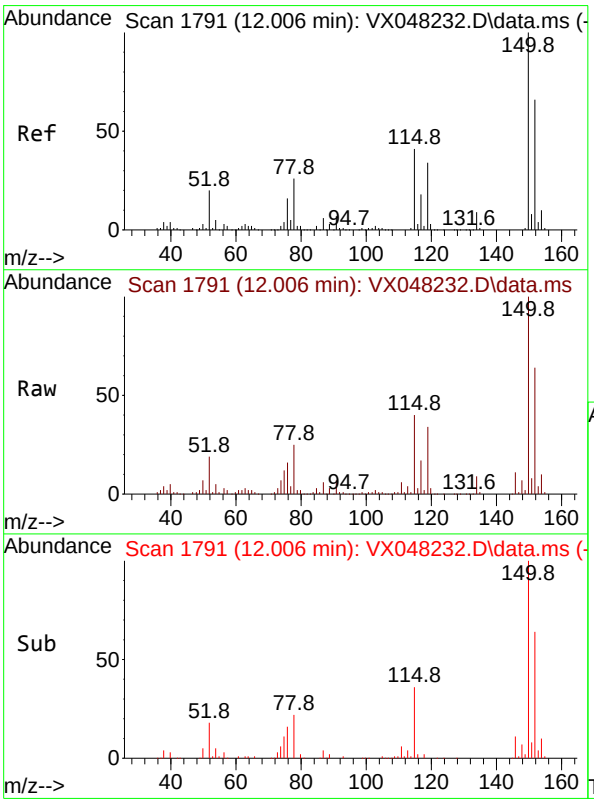
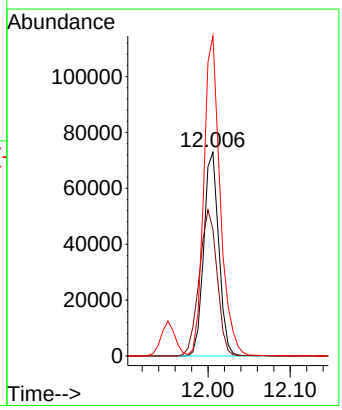
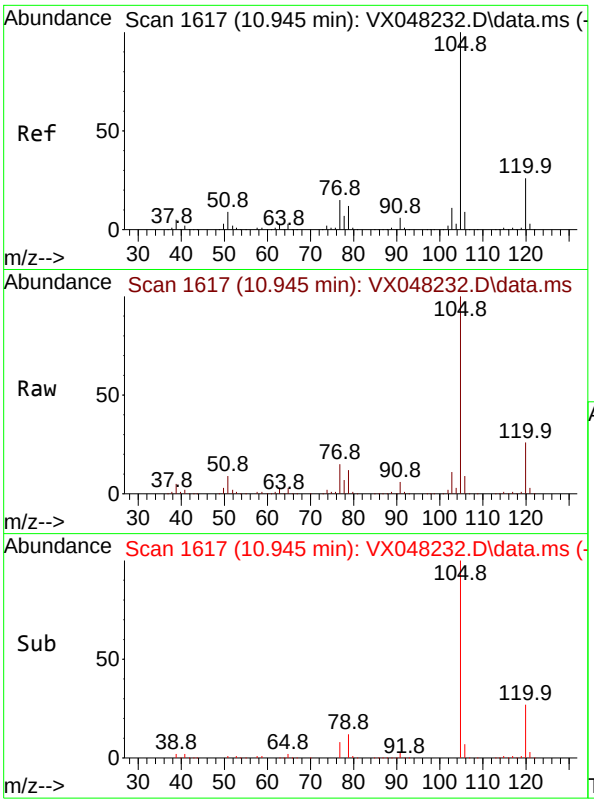



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:152 Resp: 92693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 84.9 | 43.1 | 129.4 |
| 150 | 171.1 | 0.0 | 353.0 |

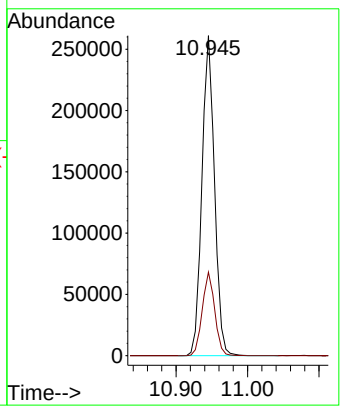





#73
Isopropylbenzene
Concen: 49.321 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 31797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.0 | 13.0 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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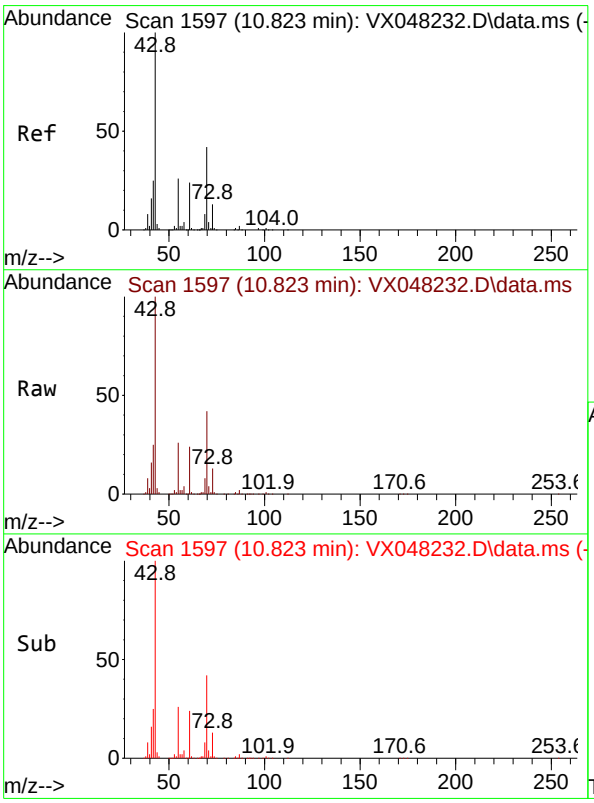
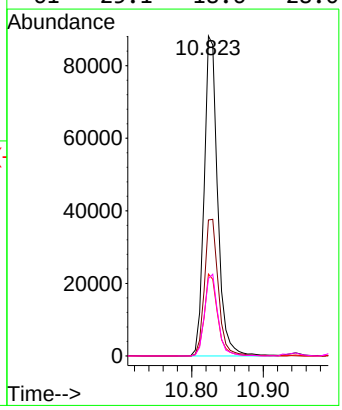
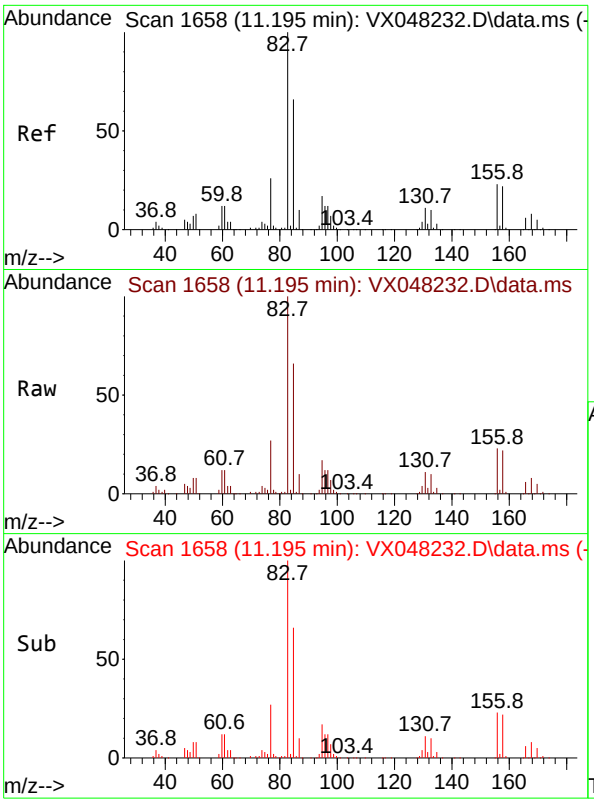



#74
N-amyl acetate
Concen: 48.098 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 115683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.8 | 32.2 | 48.2 |
| 55 | 25.1 | 19.1 | 28.7 |
| 61 | 25.1 | 18.6 | 28.0 |

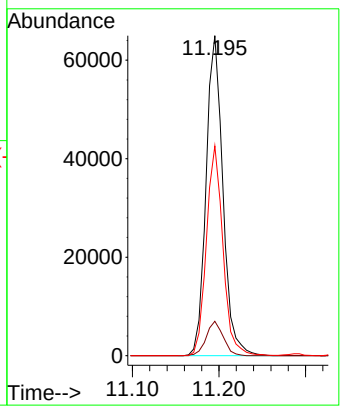





#75
1,1,2,2-Tetrachloroethane
Concen: 48.020 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 8770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.9 | 4.8 | 14.4 |
| 85 | 64.5 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations**
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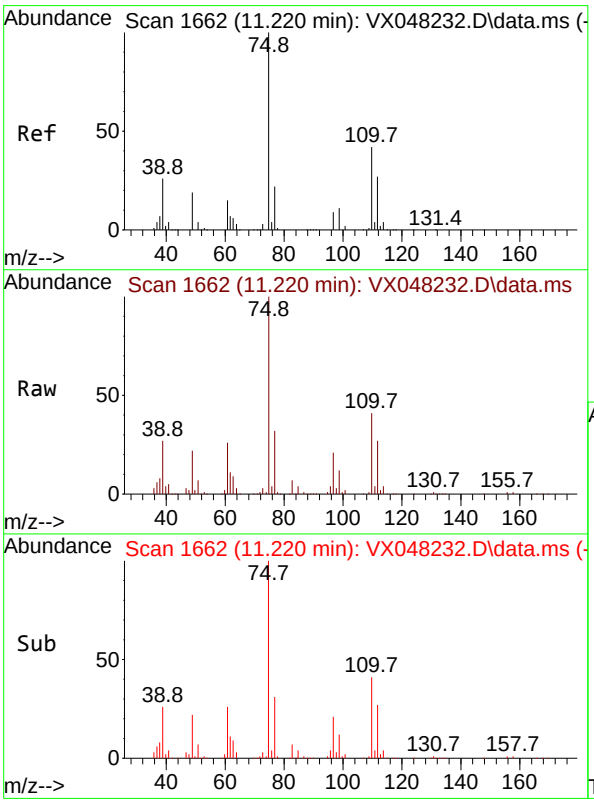
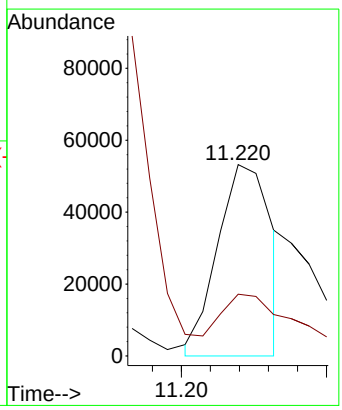
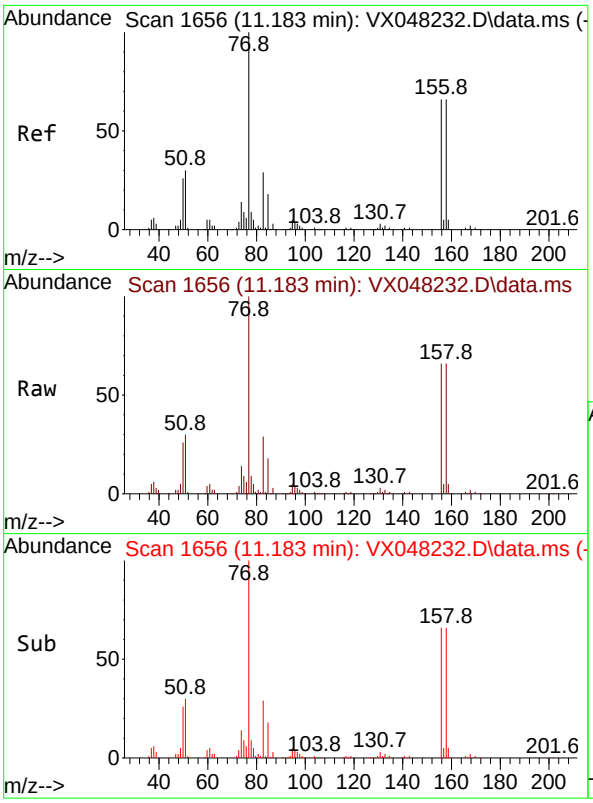



#76
1,2,3-Trichloropropane
Concen: 48.115 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 68104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.1 | 22.4 | 67.2 |

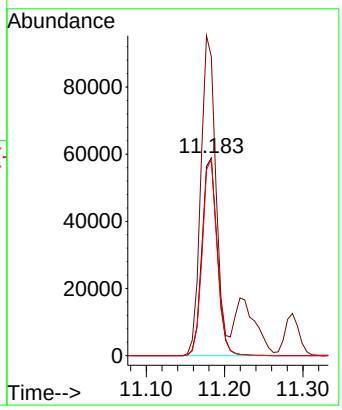





#77
Bromobenzene
Concen: 49.303 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:156 Resp: 7954

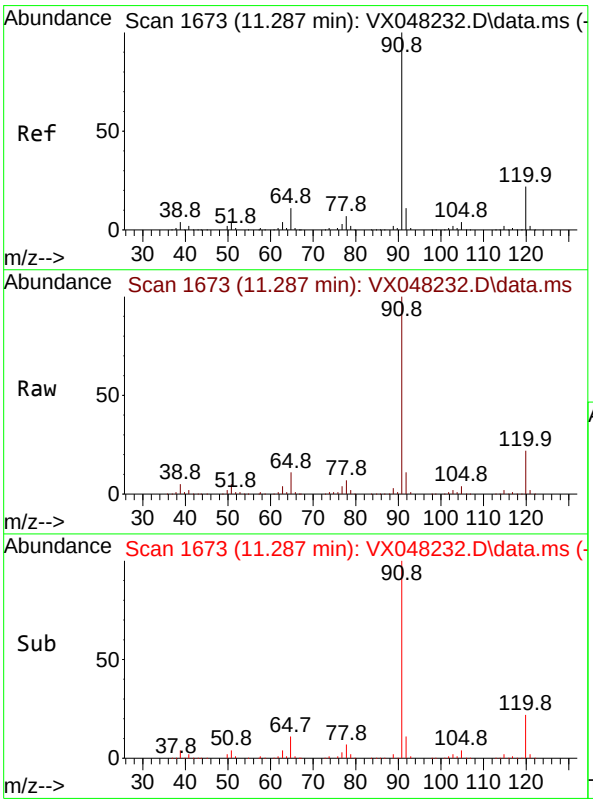
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 161.6 | 87.0 | 261.0 |
| 158 | 97.3 | 47.8 | 143.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

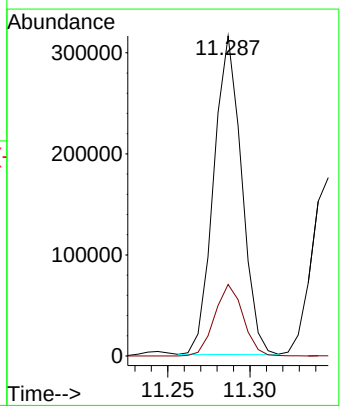
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

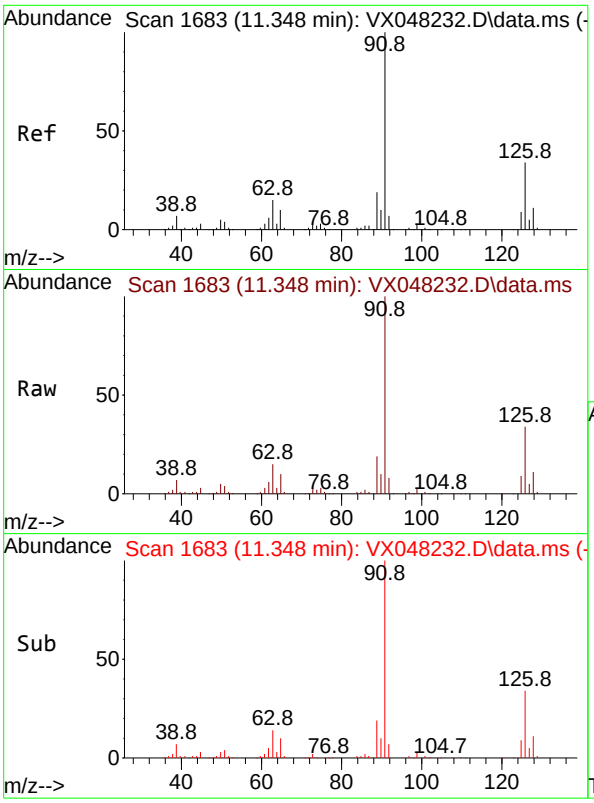



#78
n-propylbenzene
Concen: 47.621 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 372312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.9 | 11.1 | 33.1 |






#79
2-Chlorotoluene
Concen: 47.045 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 22221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.8 | 16.4 | 49.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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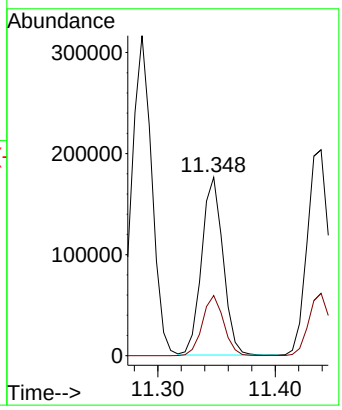
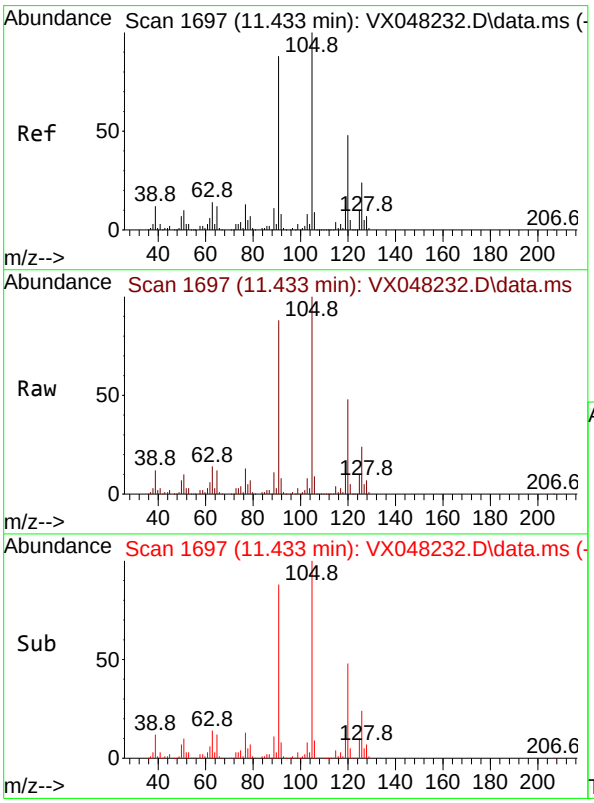
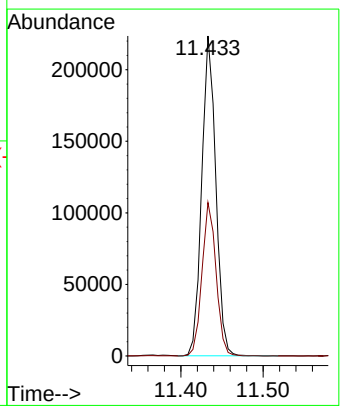


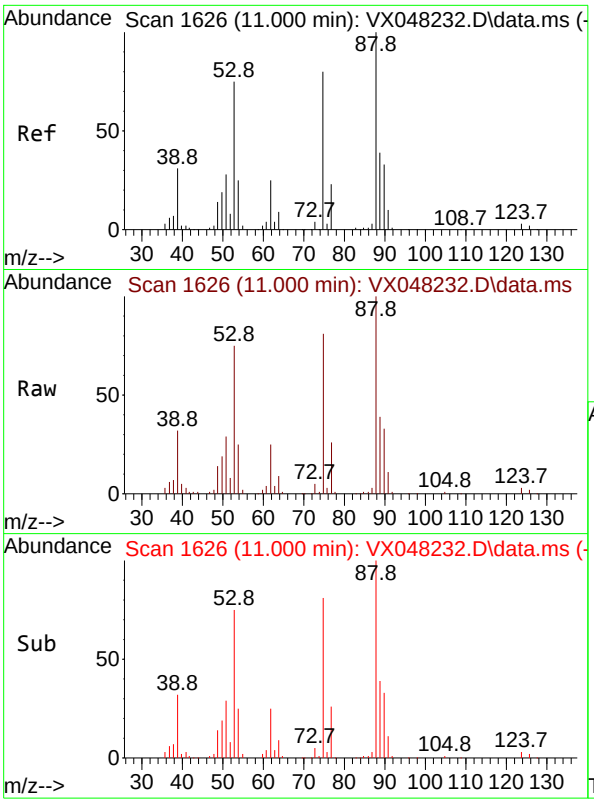




#80
1,3,5-Trimethylbenzene
Concen: 50.108 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 24.0 | 72.0 |

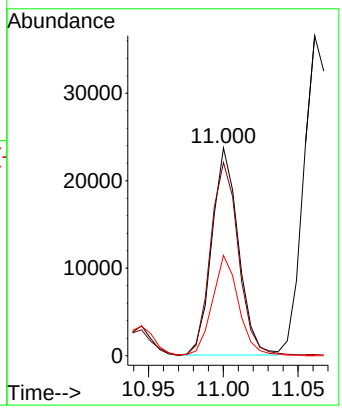





#81
trans-1,4-Dichloro-2-butene
Concen: 50.678 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 2929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 98.5 | 79.5 | 119.3 |
| 89 | 48.0 | 36.8 | 55.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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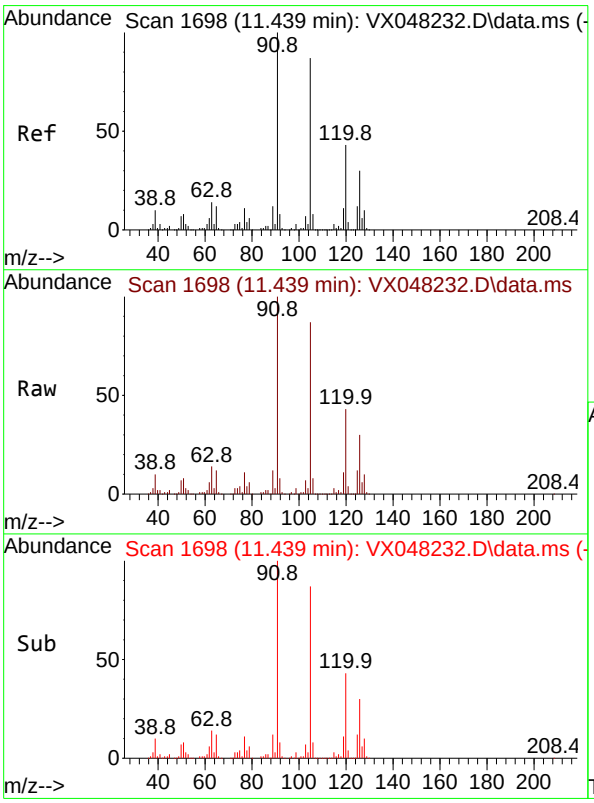
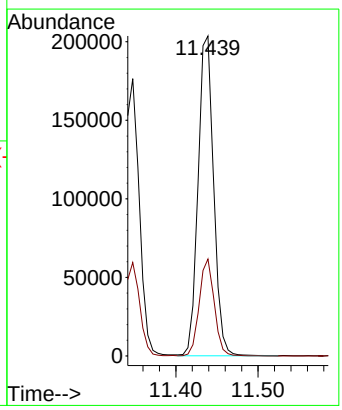
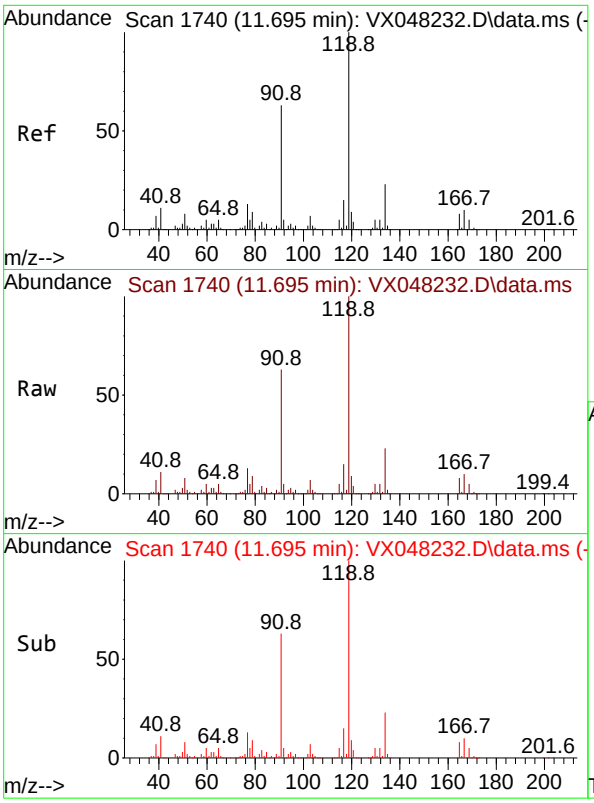



#82
4-Chlorotoluene
Concen: 48.142 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 267236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.3 | 14.1 | 42.4 |

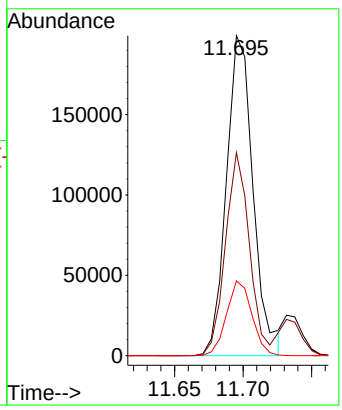





#83
tert-Butylbenzene
Concen: 50.539 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:119 Resp: 27020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.2 | 30.3 | 91.0 |
| 134 | 22.2 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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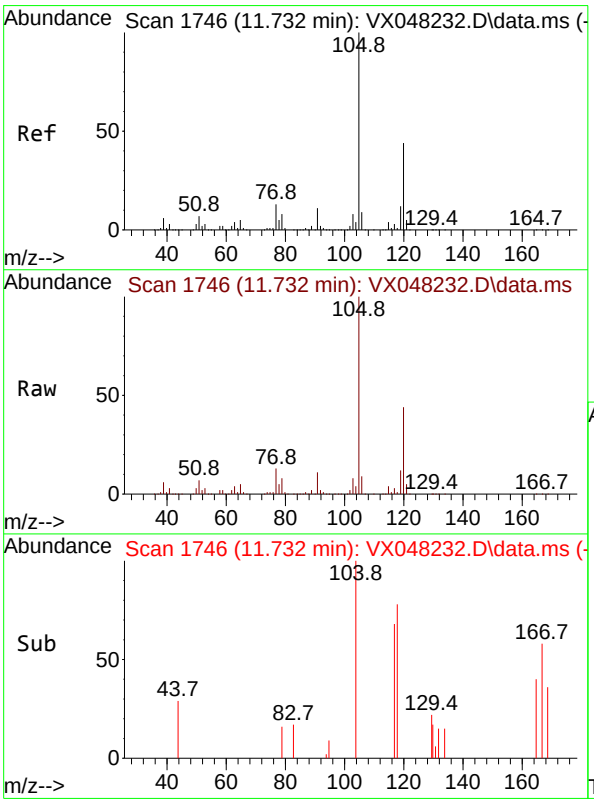
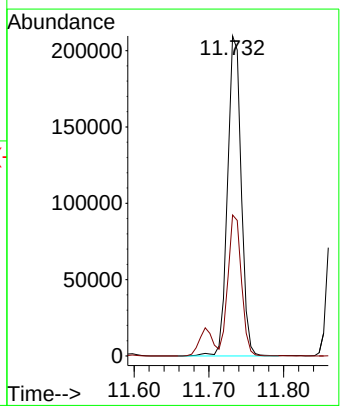
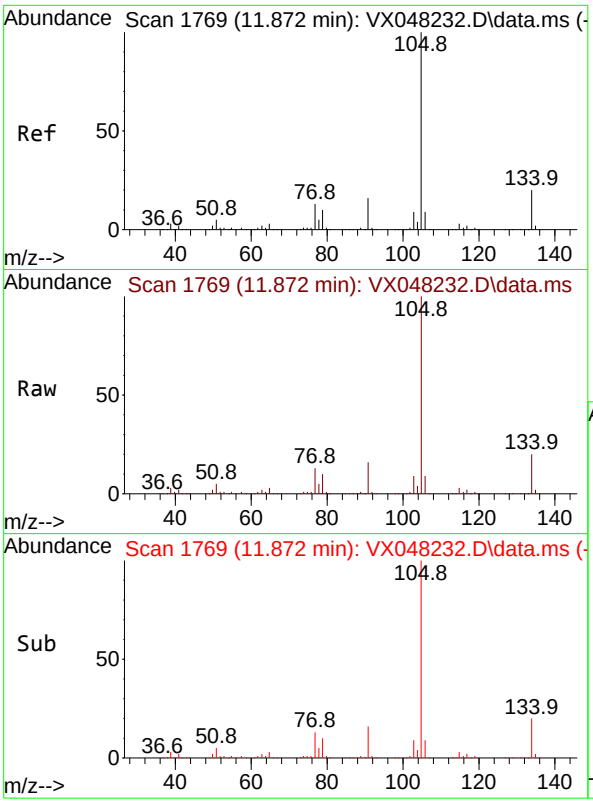



#84
1,2,4-Trimethylbenzene
Concen: 50.381 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 22.1 | 66.5 |

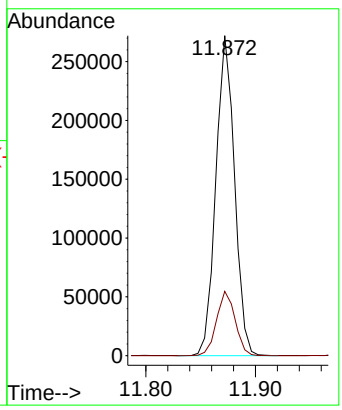





#85
sec-Butylbenzene
Concen: 49.298 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 32221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.1 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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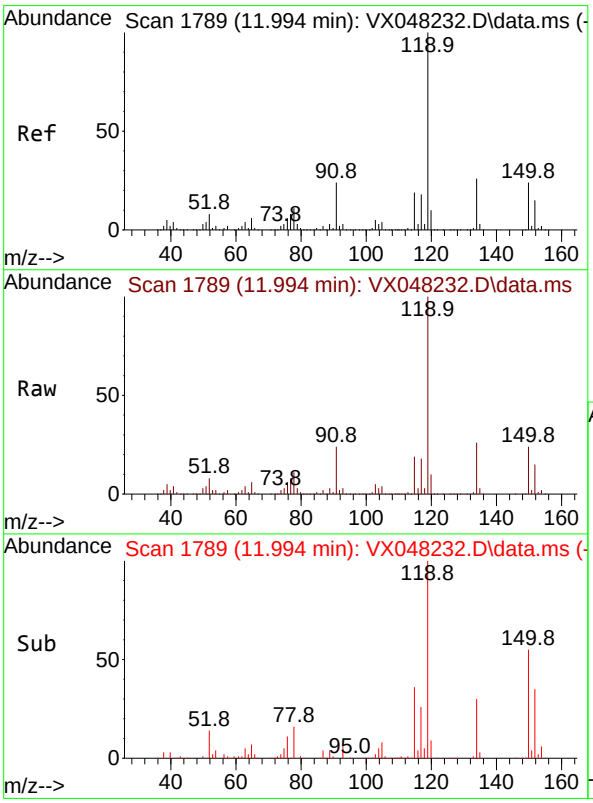
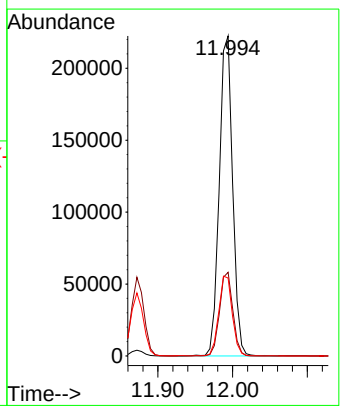
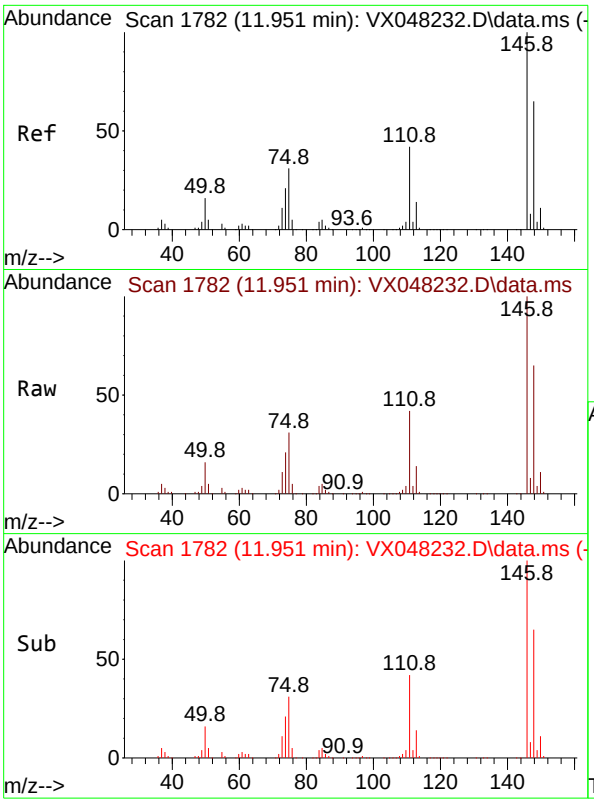



#86
p-Isopropyltoluene
Concen: 50.246 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:119 Resp: 276821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.9 | 13.0 | 39.0 |
| 91 | 25.3 | 12.1 | 36.3 |

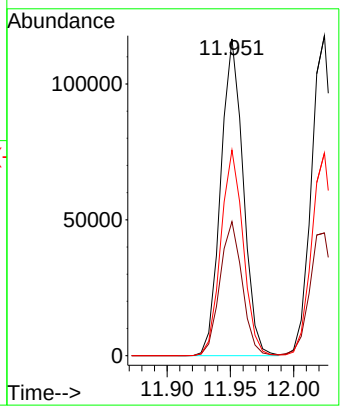





#87
1,3-Dichlorobenzene
Concen: 47.627 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:146 Resp: 14369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.1 | 20.4 | 61.2 |
| 148 | 64.6 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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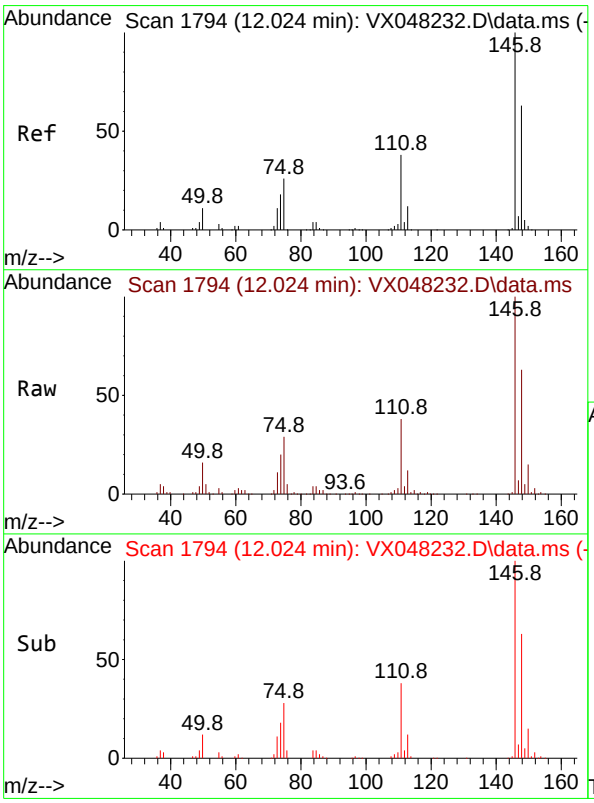
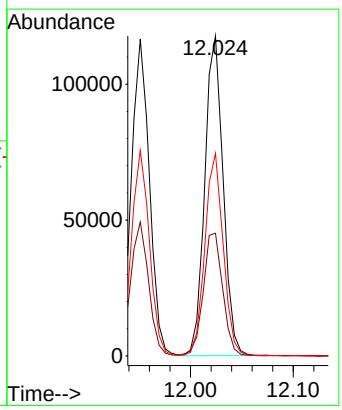
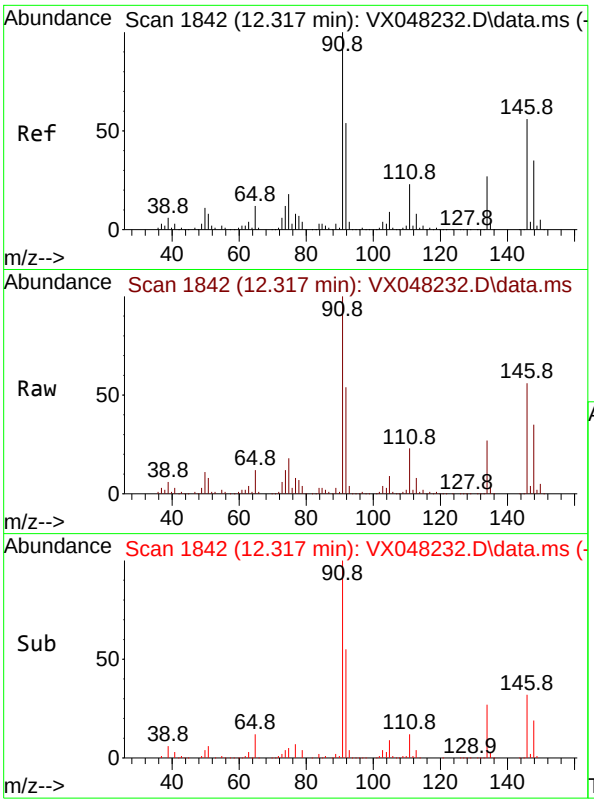



#88
1,4-Dichlorobenzene
Concen: 46.744 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:146 Resp: 146196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.8 | 20.1 | 60.2 |
| 148 | 63.3 | 31.8 | 95.3 |

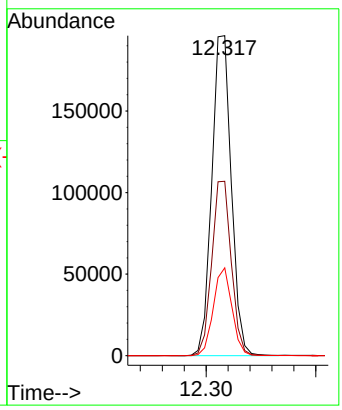





#89
n-Butylbenzene
Concen: 47.367 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 24306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.5 | 26.9 | 80.6 |
| 134 | 26.2 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

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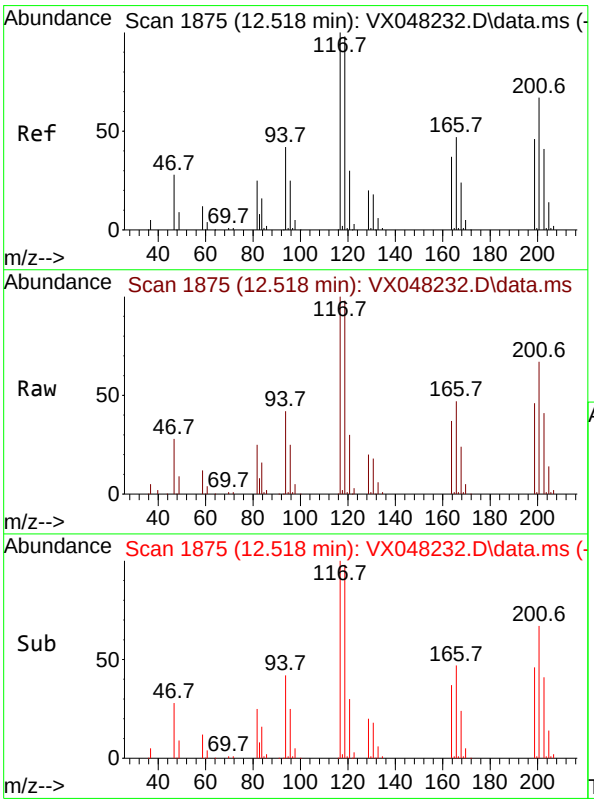
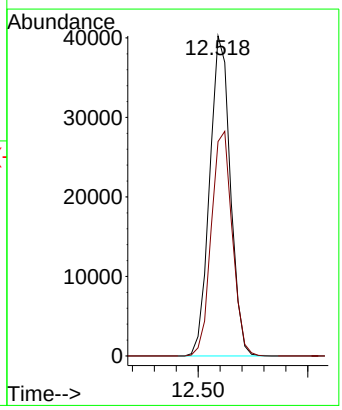
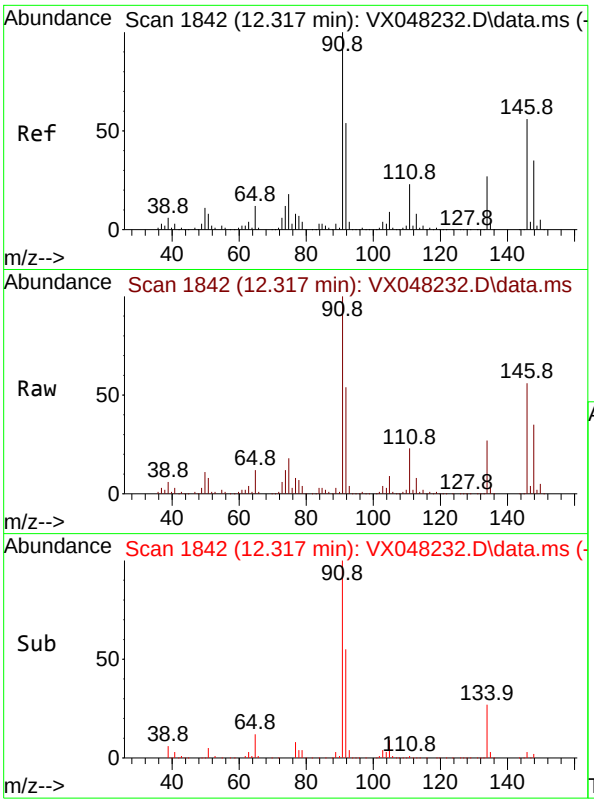



#90
Hexachloroethane
Concen: 45.350 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 52735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 71.2 | 34.1 | 102.2 |

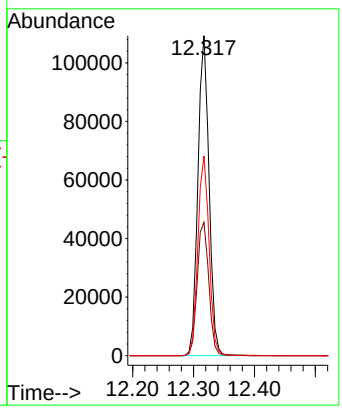





#91
1,2-Dichlorobenzene
Concen: 48.582 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:146 Resp: 13848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.4 | 21.9 | 65.5 |
| 148 | 62.9 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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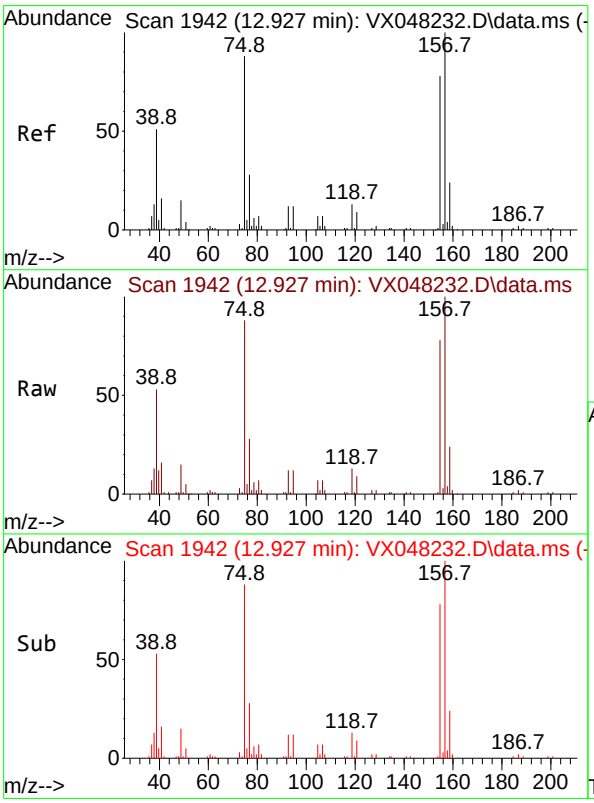
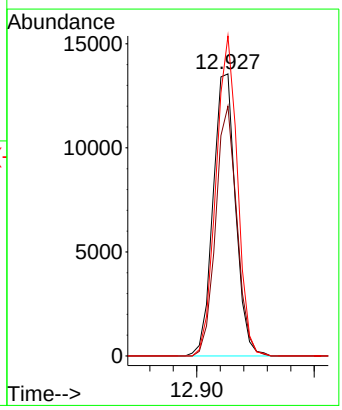
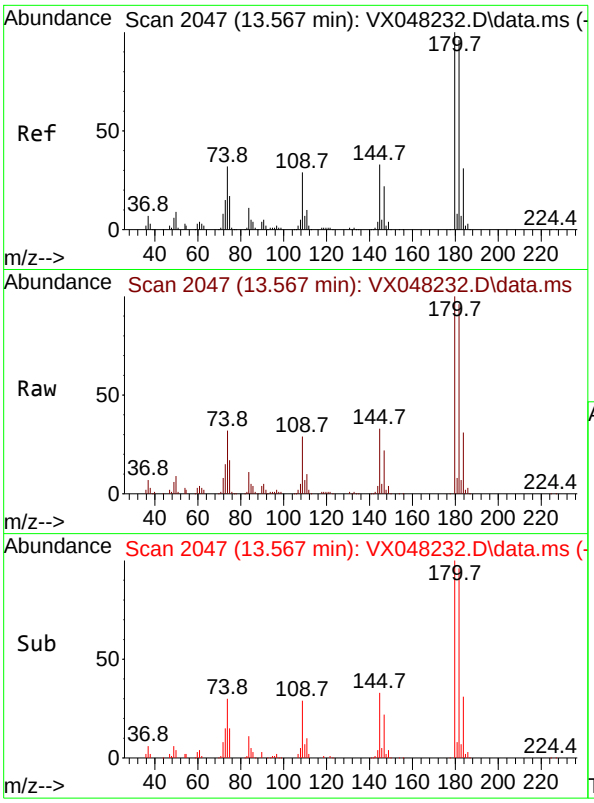



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.111 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 18059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.5 | 42.8 | 128.4 |
| 157 | 108.0 | 54.2 | 162.6 |

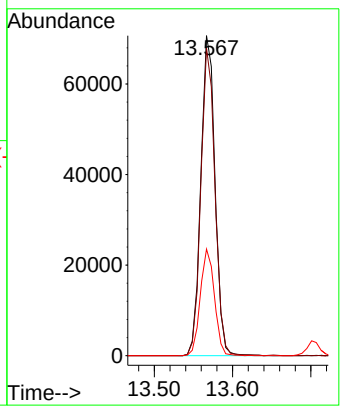





#93
1,2,4-Trichlorobenzene
Concen: 52.839 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:180 Resp: 8892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 47.3 | 142.0 |
| 145 | 33.1 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

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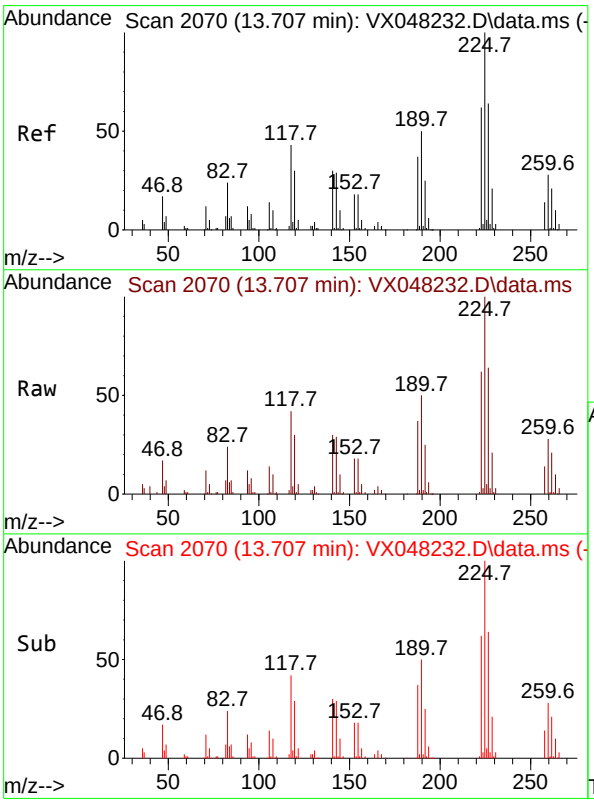
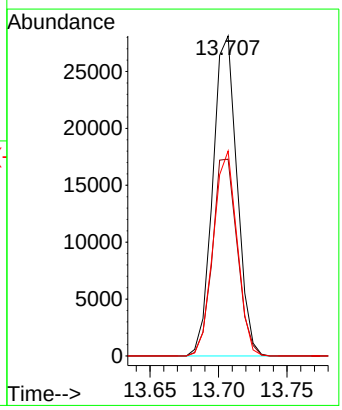
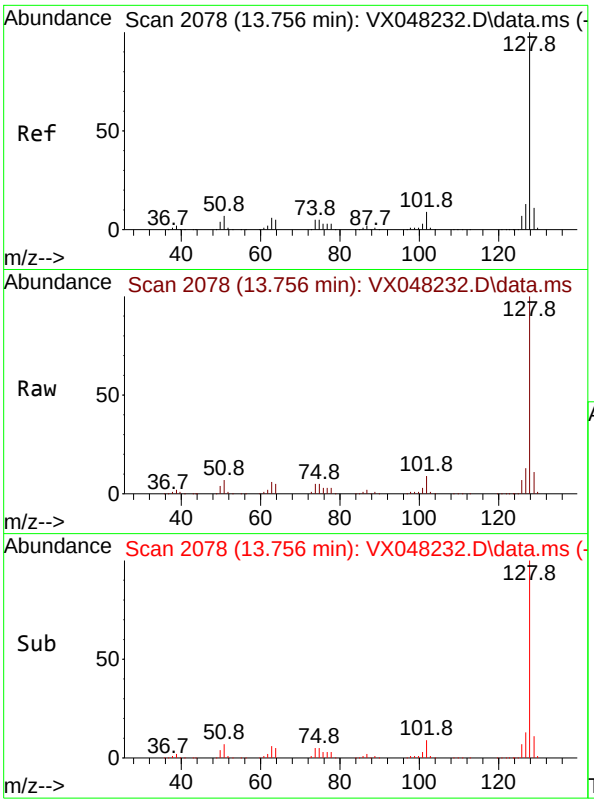



#94
Hexachlorobutadiene
Concen: 53.334 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:225 Resp: 34615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 32.6 | 97.7 |
| 227 | 62.9 | 32.5 | 97.4 |

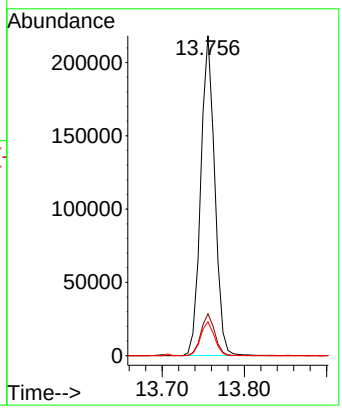





#95
Naphthalene
Concen: 57.999 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:128 Resp: 25728

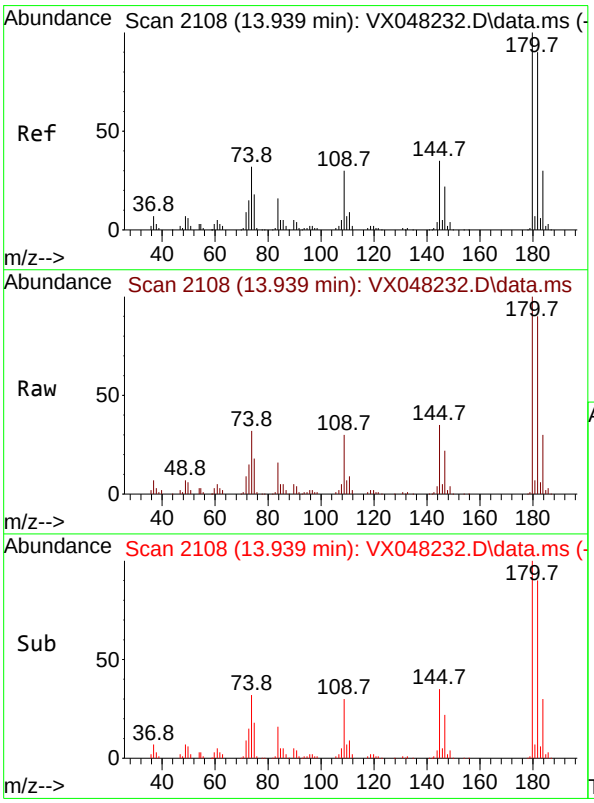
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.2 | 15.4 |
| 129 | 10.6 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

**Manual Integrations APPROVED**

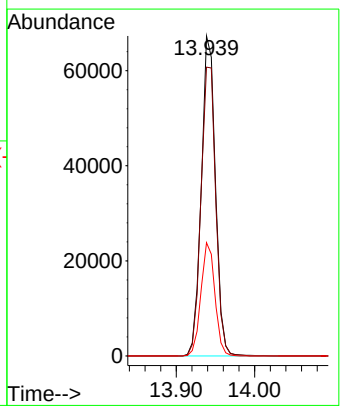
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025




#96
1,2,3-Trichlorobenzene
Concen: 54.281 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:180 Resp: 84279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 46.6 | 139.7 |
| 145 | 35.0 | 16.9 | 50.7 |



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 20 12:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.537 | 168 | 117551 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.750 | 114 | 187766 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.036 | 117 | 163588 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 80621 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 162188 | 89.060 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 178.120%# | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 129919 | 99.697 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 199.400%# | | | |
| 50) Toluene-d8 | 8.634 | 98 | 448948 | 95.629 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 191.260%# | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 167565 | 97.996 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 196.000%# | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 127029 | 102.960 | ug/l | 97 |
| 3) Chloromethane | 1.300 | 50 | 111895 | 74.863 | ug/l | 100 |
| 4) Vinyl Chloride | 1.379 | 62 | 108564 | 68.931 | ug/l | 100 |
| 5) Bromomethane | 1.605 | 94 | 65752 | 62.780 | ug/l | 99 |
| 6) Chloroethane | 1.690 | 64 | 66332 | 66.181 | ug/l | 92 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 213301 | 86.283 | ug/l | 98 |
| 8) Diethyl Ether | 2.135 | 74 | 58302 | 69.141 | ug/l | 88 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 136951 | 98.309 | ug/l | 96 |
| 10) Methyl Iodide | 2.452 | 142 | 183697 | 110.092 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.952 | 59 | 78284 | 647.864 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.324 | 96 | 131152 | 96.282 | ug/l | 93 |
| 13) Acrolein | 2.239 | 56 | 87244 | 343.554 | ug/l | 100 |
| 14) Allyl chloride | 2.666 | 41 | 214290 | 87.456 | ug/l | 98 |
| 15) Acrylonitrile | 3.056 | 53 | 298022 | 514.707 | ug/l | 100 |
| 16) Acetone | 2.373 | 43 | 260058 | 418.616 | ug/l | 99 |
| 17) Carbon Disulfide | 2.513 | 76 | 380127 | 90.700 | ug/l | 99 |
| 18) Methyl Acetate | 2.702 | 43 | 120920 | 95.565 | ug/l | 93 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 427254 | 104.130 | ug/l | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 140317 | 92.718 | ug/l | 93 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 139080 | 98.694 | ug/l | 96 |
| 22) Diisopropyl ether | 3.751 | 45 | 420126 | 87.566 | ug/l | 89 |
| 23) Vinyl Acetate | 3.714 | 43 | 1723170 | 480.325 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 248141 | 91.164 | ug/l | 99 |
| 25) 2-Butanone | 4.543 | 43 | 353741 | 488.753 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.470 | 77 | 228643 | 98.275 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 163444 | 97.727 | ug/l | 98 |
| 28) Bromochloromethane | 4.885 | 49 | 108536 | 86.505 | ug/l | 86 |
| 29) Tetrahydrofuran | 4.989 | 42 | 216543 | 509.471 | ug/l | 93 |
| 30) Chloroform | 5.080 | 83 | 264966 | 92.461 | ug/l | 98 |
| 31) Cyclohexane | 5.464 | 56 | 217717 | 97.754 | ug/l | 91 |
| 32) 1,1,1-Trichloroethane | 5.373 | 97 | 248018 | 105.334 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 183932 | 100.194 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 153844 | 104.863 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.665 | 117 | 226976 | 107.719 | ug/l | 99 |
| 39) Methylcyclohexane | 7.366 | 83 | 235208 | 113.637 | ug/l | 95 |
| 40) Benzene | 6.025 | 78 | 535407 | 98.221 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 20 12:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.909 | 41 | 83790 | 106.641 ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 198348 | 101.562 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.324 | 43 | 256067 | 103.976 ug/l | | 95 |
| 44) Trichloroethene | 7.110 | 130 | 142779 | 103.931 ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 130188 | 94.368 ug/l | | 96 |
| 46) Dibromomethane | 7.567 | 93 | 98105 | 98.835 ug/l | | 94 |
| 47) Bromodichloromethane | 7.805 | 83 | 215302 | 100.358 ug/l | | 99 |
| 48) Methyl methacrylate | 7.677 | 41 | 131454 | 104.272 ug/l | | 95 |
| 49) 1,4-Dioxane | 7.647 | 88 | 35972 | 3169.845 ug/l | | 89 |
| 51) 4-Methyl-2-Pentanone | 8.561 | 43 | 720980 | 526.103 ug/l | | 94 |
| 52) Toluene | 8.701 | 92 | 341597 | 104.263 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.963 | 75 | 215736 | 107.341 ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 231037 | 105.465 ug/l | | 94 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 124910 | 102.180 ug/l | | 98 |
| 56) Ethyl methacrylate | 9.104 | 69 | 196699 | 118.305 ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 214853 | 100.598 ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 505448 | 592.044 ug/l | | 96 |
| 59) 2-Hexanone | 9.415 | 43 | 509398 | 531.416 ug/l | | 95 |
| 60) Dibromochloromethane | 9.506 | 129 | 166167 | 108.598 ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.591 | 107 | 134662 | 107.431 ug/l | | 97 |
| 64) Tetrachloroethene | 9.256 | 164 | 121163 | 105.633 ug/l | | 97 |
| 65) Chlorobenzene | 10.061 | 112 | 375532 | 104.990 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 140599 | 109.080 ug/l | | 97 |
| 67) Ethyl Benzene | 10.177 | 91 | 656925 | 107.128 ug/l | | 98 |
| 68) m/p-Xylenes | 10.286 | 106 | 490879 | 214.875 ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 236648 | 110.042 ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 407916 | 110.197 ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 109613 | 115.806 ug/l | # | 98 |
| 73) Isopropylbenzene | 10.945 | 105 | 624767 | 111.418 ug/l | | 99 |
| 74) N-amyl acetate | 10.829 | 43 | 228080 | 109.030 ug/l | | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 164207 | 103.367 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 130599m | 106.083 ug/l | | |
| 77) Bromobenzene | 11.183 | 156 | 153619 | 109.475 ug/l | | 93 |
| 78) n-propylbenzene | 11.286 | 91 | 732684 | 107.747 ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 434217 | 105.691 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.432 | 105 | 519549 | 112.876 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 59059 | 117.466 ug/l | | 98 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 506861 | 104.983 ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 529264 | 113.817 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.731 | 105 | 523474 | 114.214 ug/l | | 99 |
| 85) sec-Butylbenzene | 11.871 | 105 | 639904 | 112.562 ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.987 | 119 | 548119 | 114.386 ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 281617 | 107.314 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 277908 | 102.163 ug/l | | 98 |
| 89) n-Butylbenzene | 12.316 | 91 | 495486 | 111.016 ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 107057 | 105.851 ug/l | | 93 |
| 91) 1,2-Dichlorobenzene | 12.316 | 146 | 261022 | 105.277 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 36087 | 124.320 ug/l | | 97 |
| 93) 1,2,4-Trichlorobenzene | 13.566 | 180 | 179562 | 122.679 ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.706 | 225 | 68645 | 121.605 ug/l | | 98 |
| 95) Naphthalene | 13.755 | 128 | 511355 | 132.536 ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.944 | 180 | 169248 | 125.328 ug/l | | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

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

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

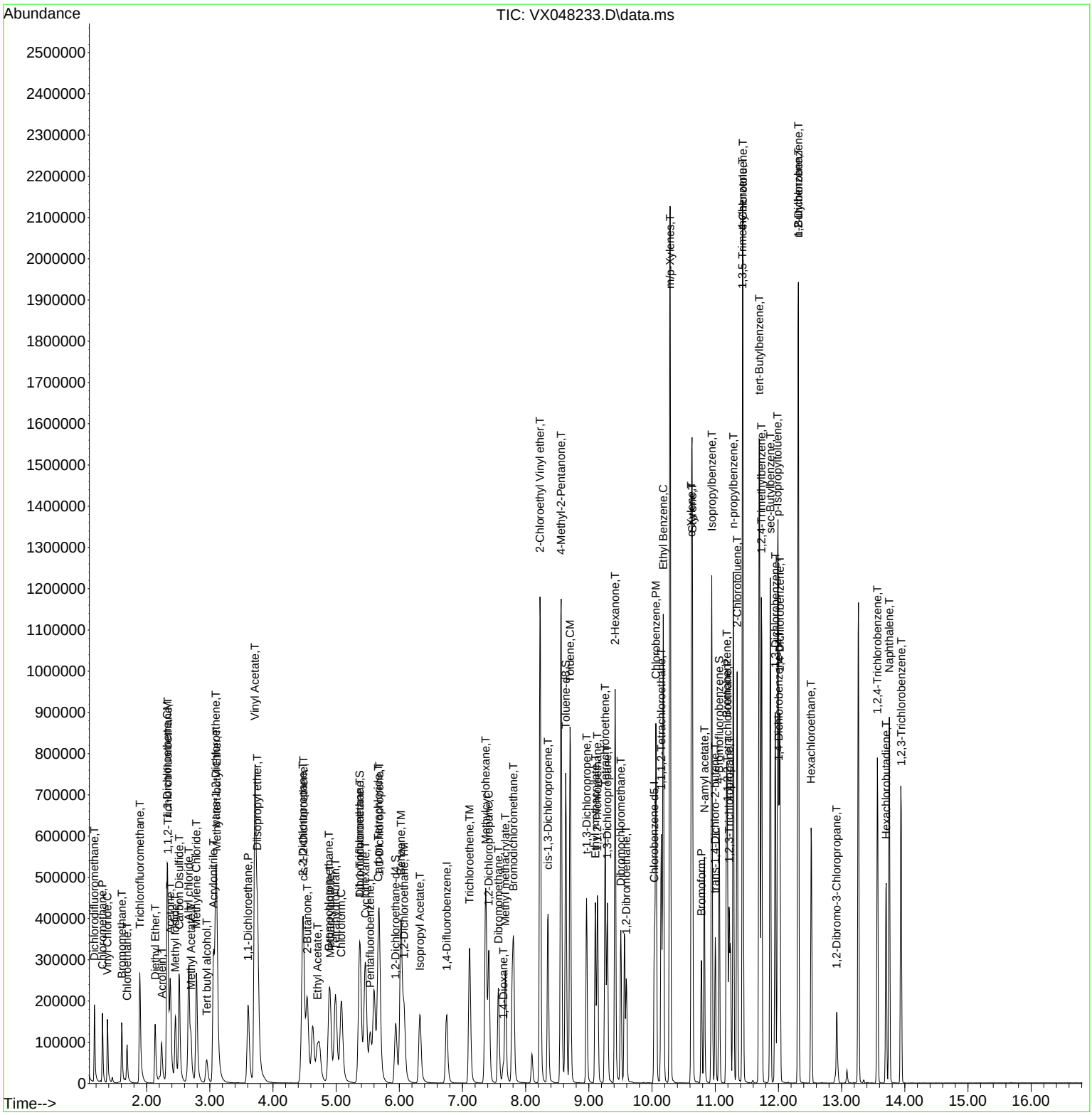
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

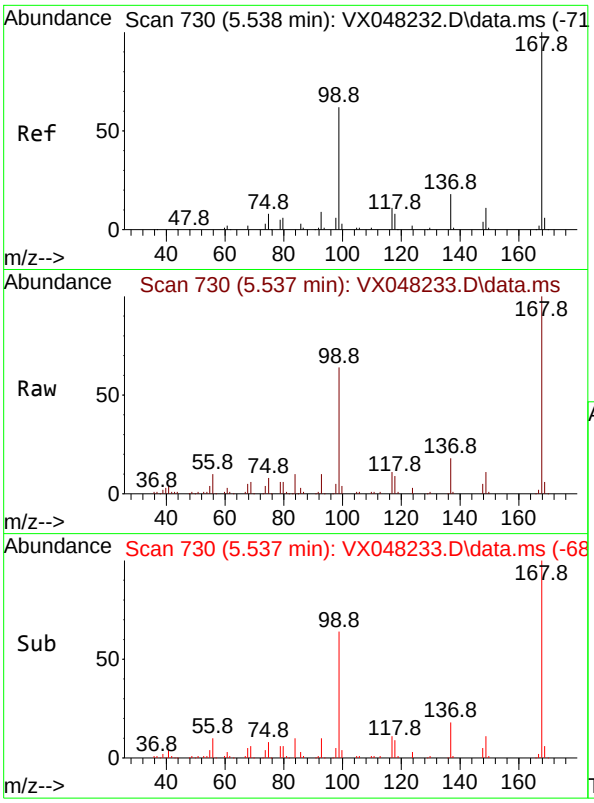
Quant Time: Oct 20 12:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

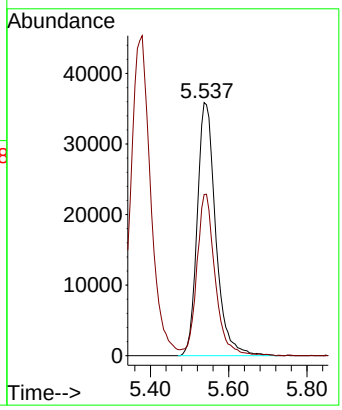





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:168 Resp: 11755

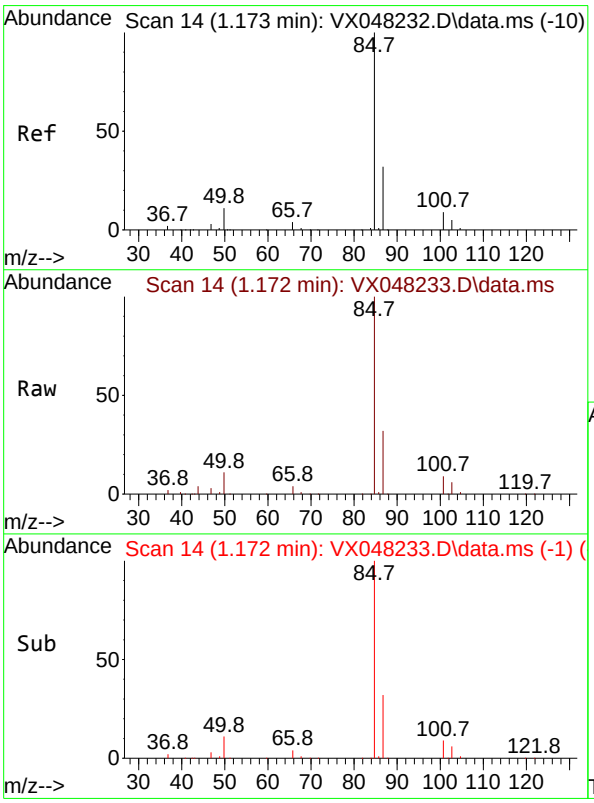
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.4 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

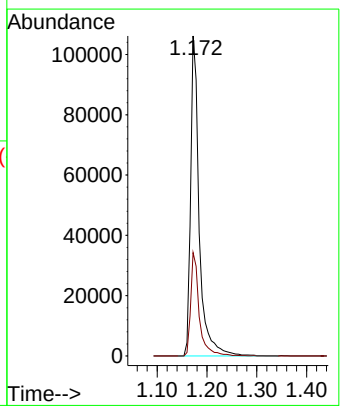
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

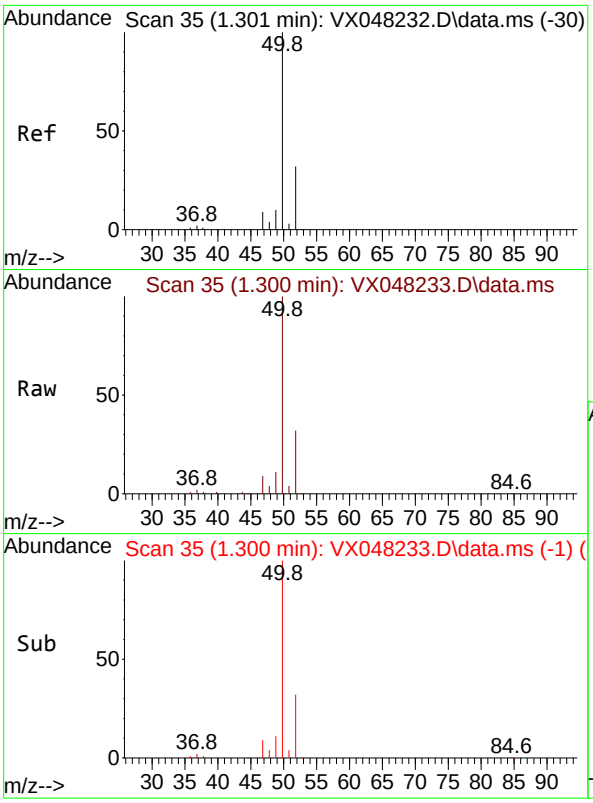



#2
Dichlorodifluoromethane
Concen: 102.960 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 85 Resp: 127029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.3 | 15.3 | 45.9 |

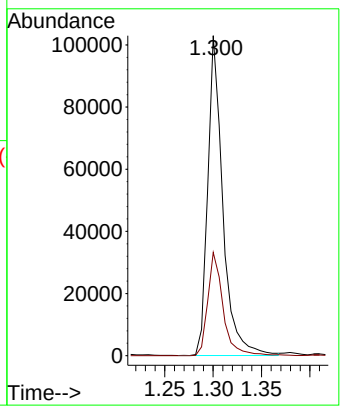





#3
Chloromethane
Concen: 74.863 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 50 Resp: 11189

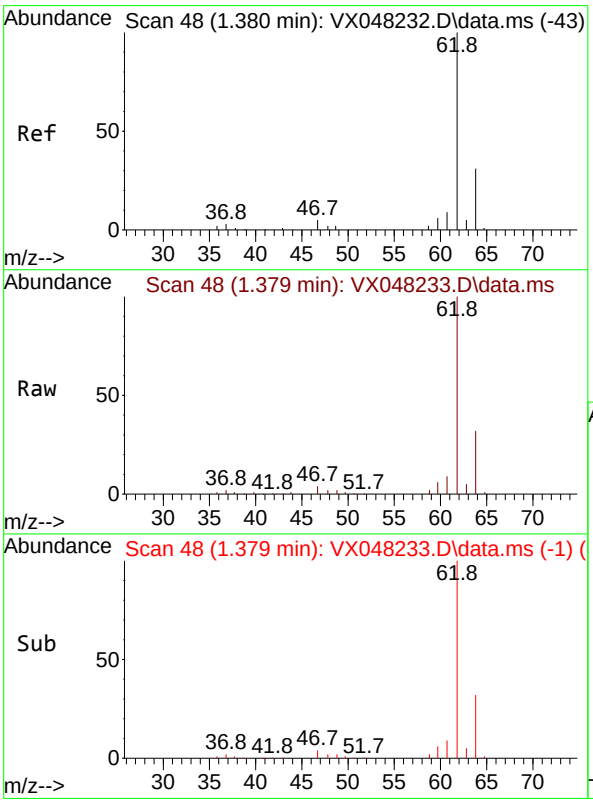
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.2 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

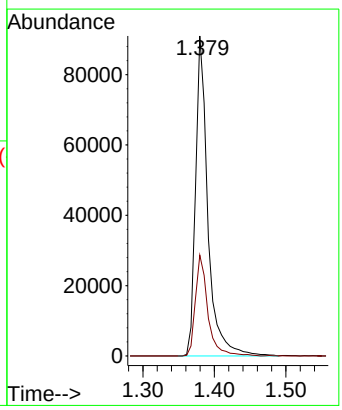
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

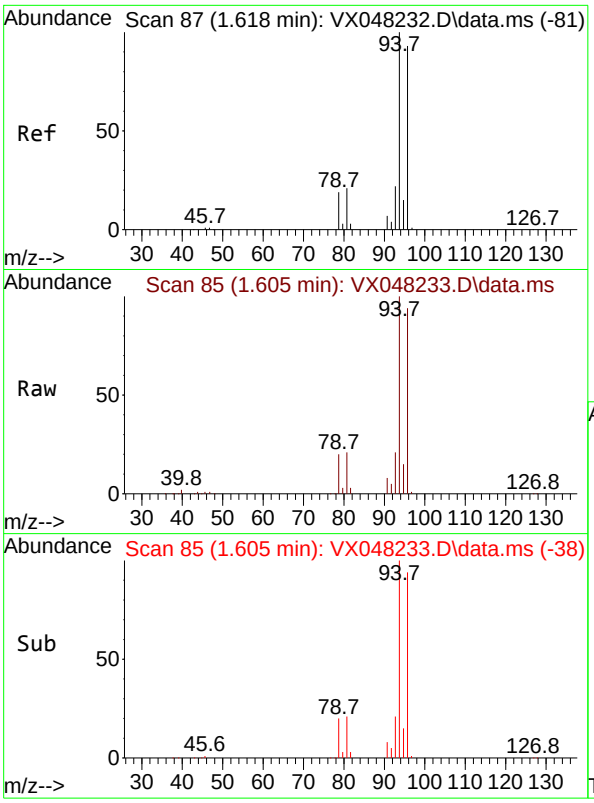



#4
Vinyl Chloride
Concen: 68.931 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 108564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.5 | 25.1 | 37.7 |

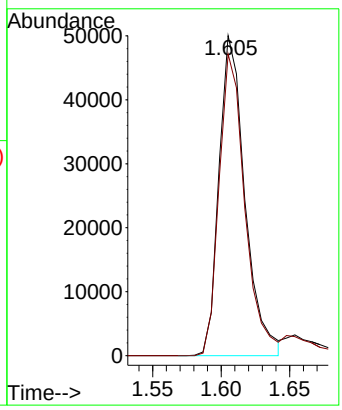





#5
Bromomethane
Concen: 62.780 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.013 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 94 Resp: 6575

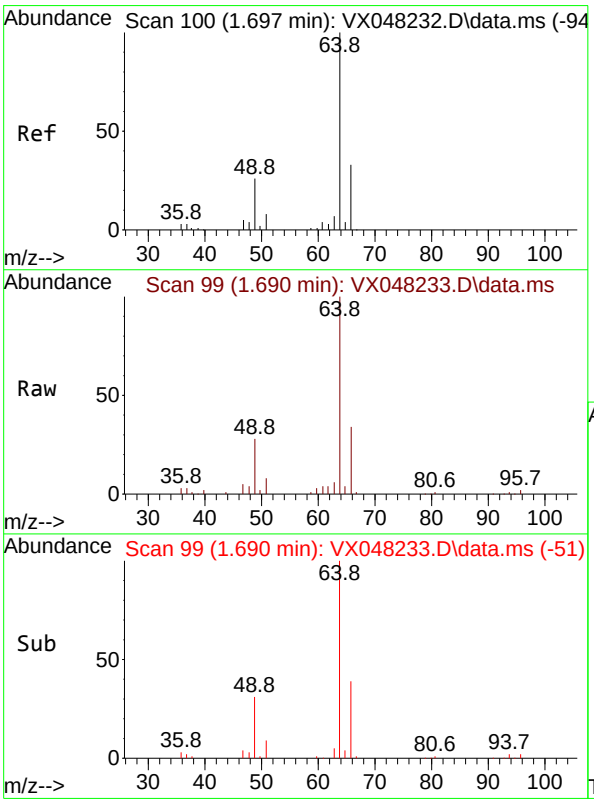
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.3 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

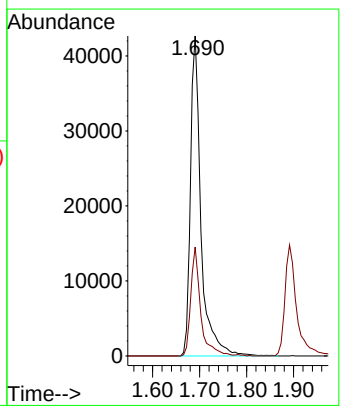
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

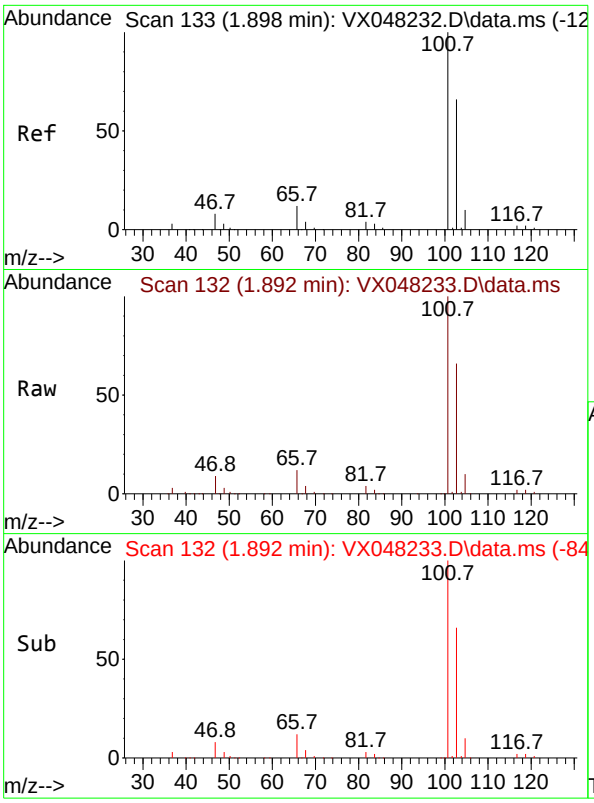



#6
Chloroethane
Concen: 66.181 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 64 Resp: 66332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 34.0 | 23.9 | 35.9 |

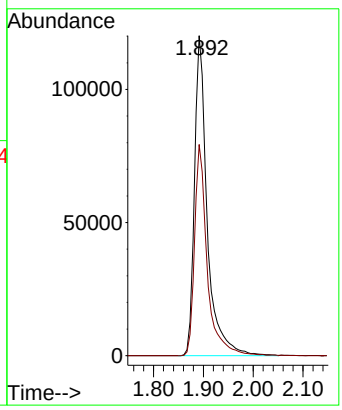





#7
Trichlorofluoromethane
Concen: 86.283 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:101 Resp: 21330

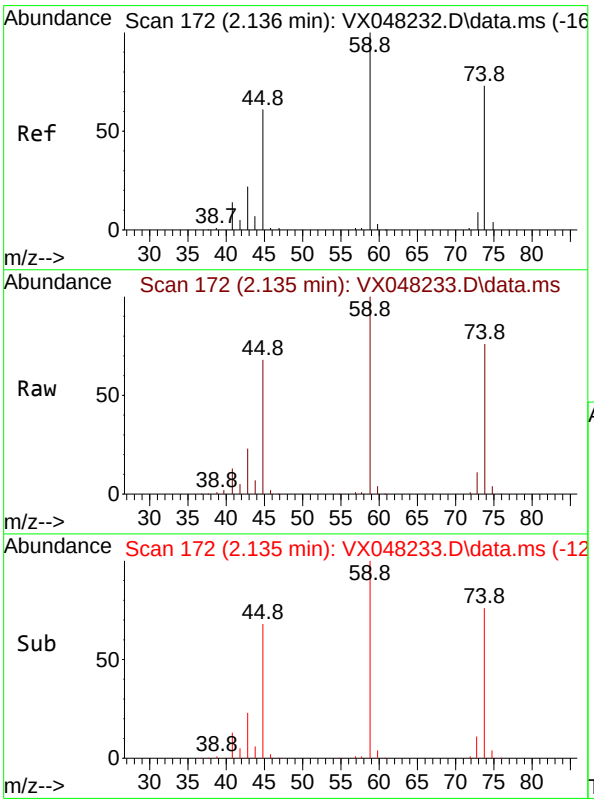
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.0 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

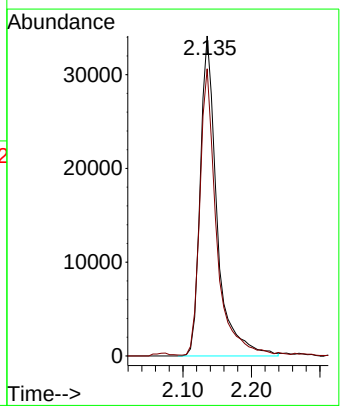
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

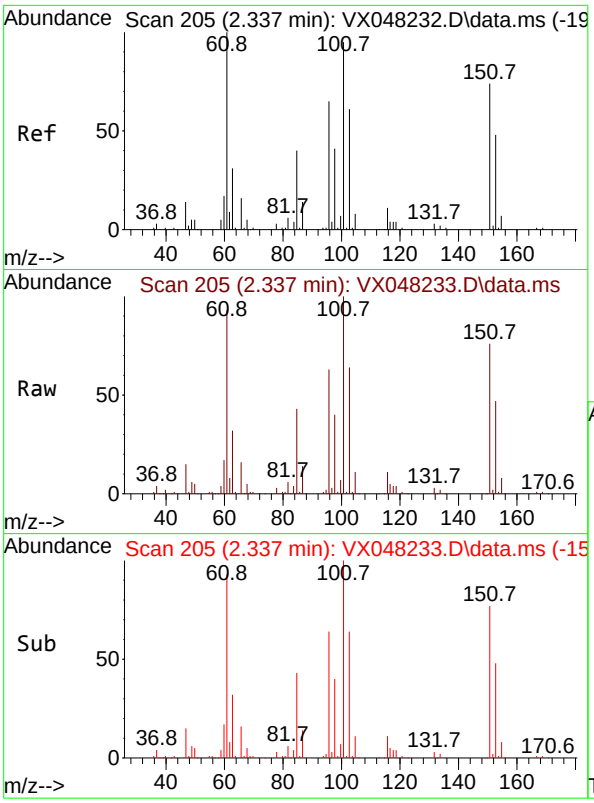



#8
Diethyl Ether
Concen: 69.141 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 74 Resp: 58302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 88.0 | 50.0 | 149.8 |






#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.309 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

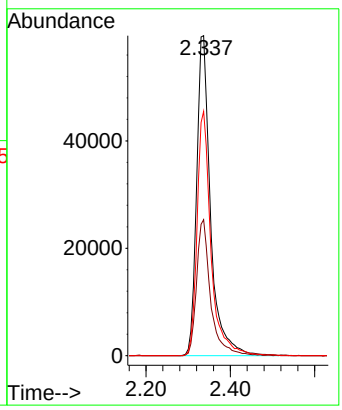
Tgt Ion:101 Resp: 13695

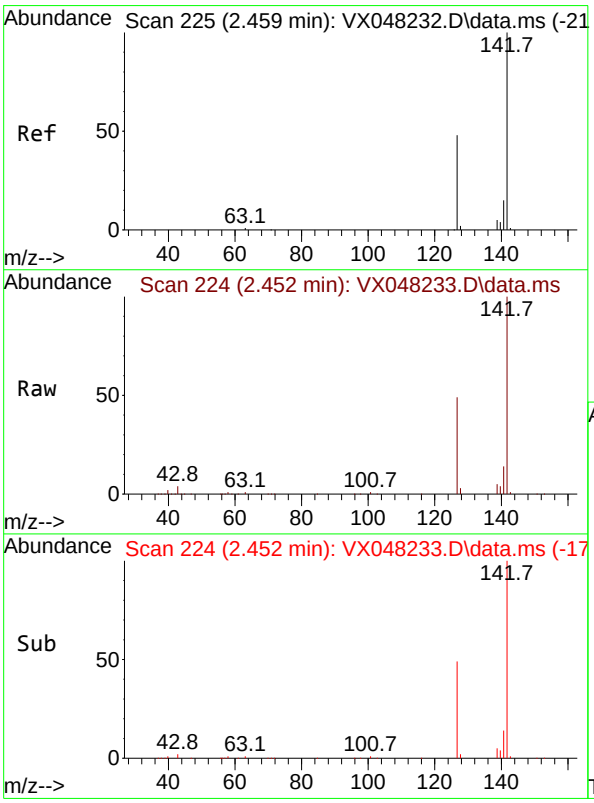
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.9 | 35.6 | 53.4 |
| 151 | 76.5 | 58.0 | 87.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

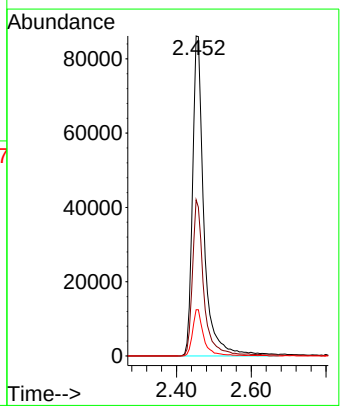


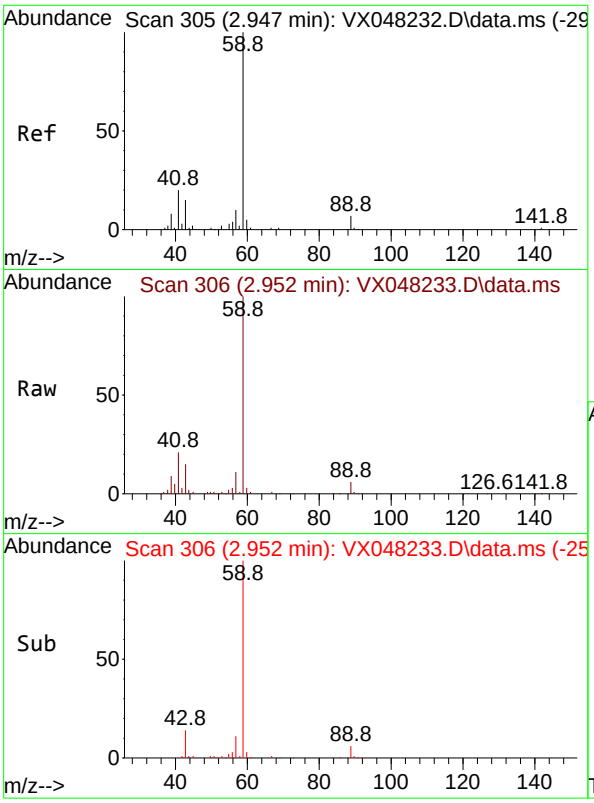




#10
Methyl Iodide
Concen: 110.092 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:142 Resp: 183697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 47.6 | 38.5 | 57.7 |
| 141 | 14.1 | 11.6 | 17.4 |

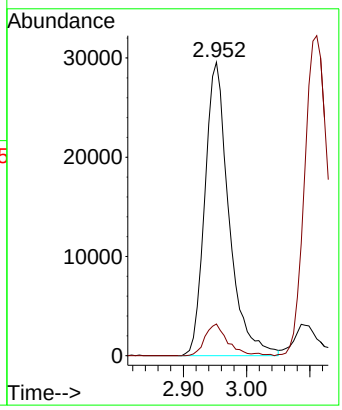





#11
Tert butyl alcohol
Concen: 647.864 ug/l
RT: 2.952 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 59 Resp: 7828

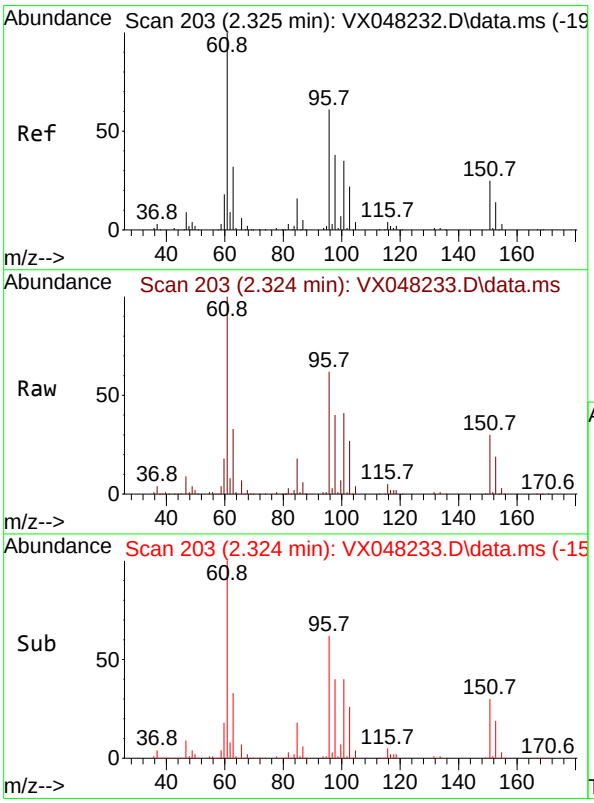
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 8.2 | 12.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

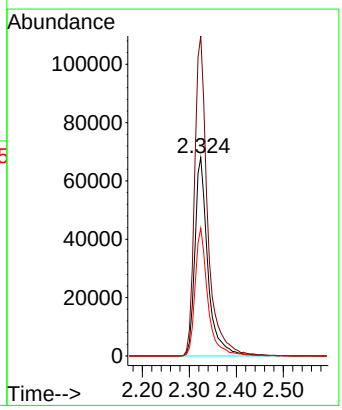
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

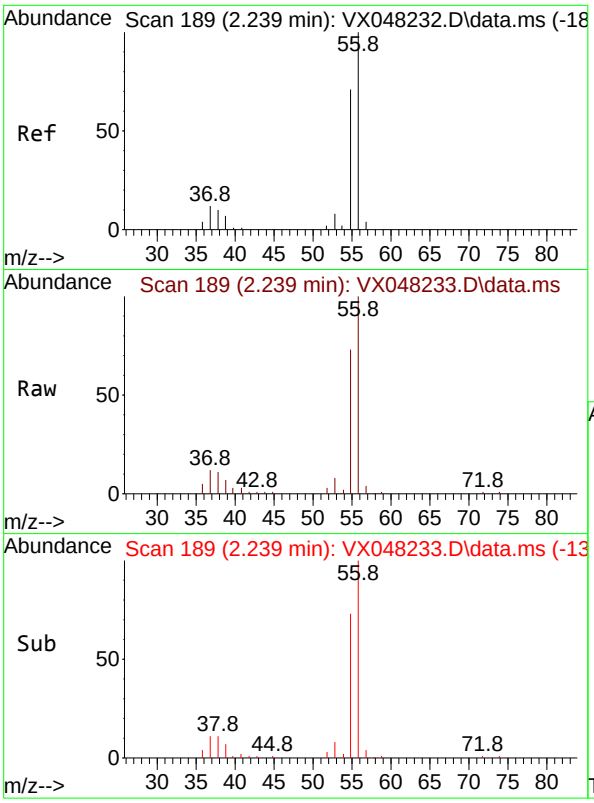



#12
1,1-Dichloroethene
Concen: 96.282 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 96 Resp: 131152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.2 | 139.0 | 208.6 |
| 98 | 64.4 | 52.4 | 78.6 |

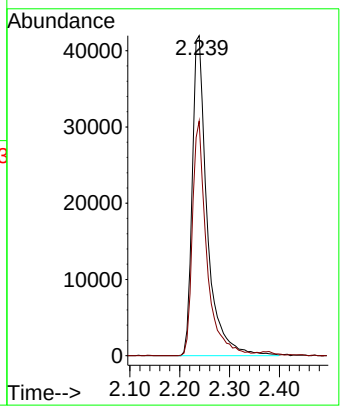





#13
Acrolein
Concen: 343.554 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 56 Resp: 8724

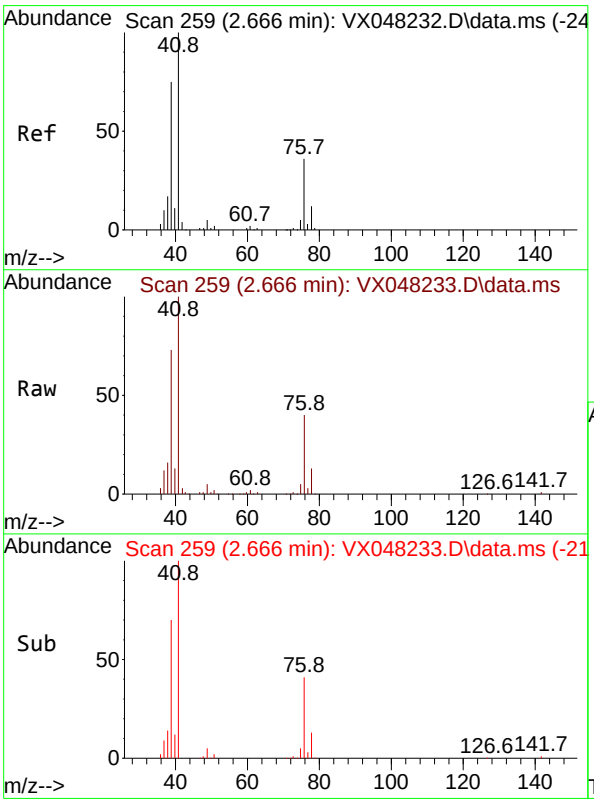
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.2 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

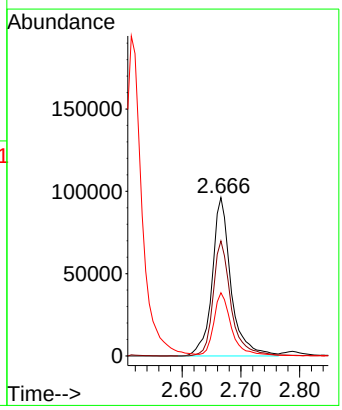
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

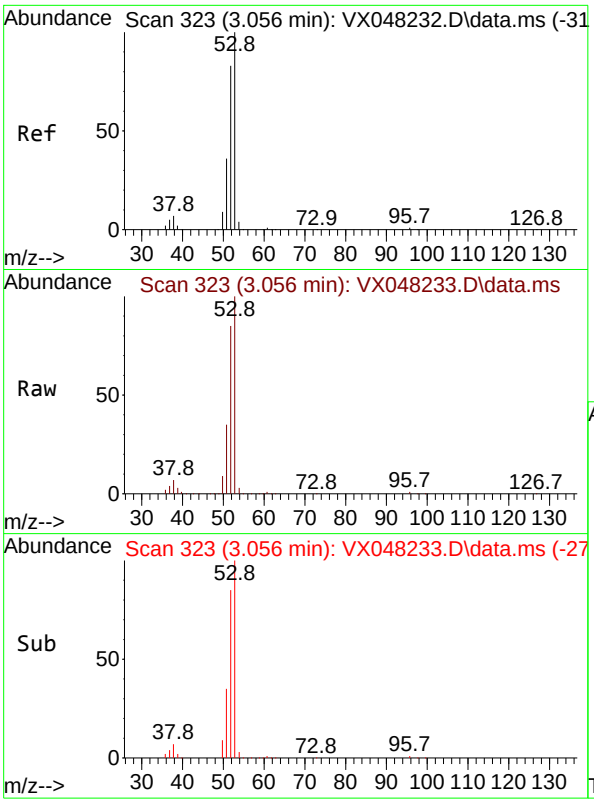



#14
Allyl chloride
Concen: 87.456 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 214290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 69.5 | 56.0 | 84.0 |
| 76 | 37.6 | 27.5 | 41.3 |

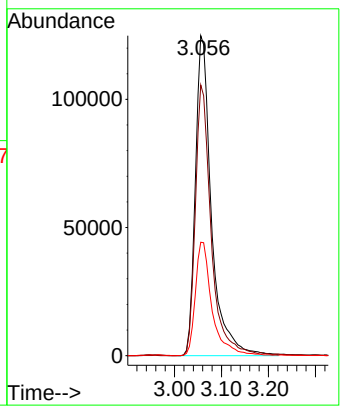





#15
Acrylonitrile
Concen: 514.707 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 53 Resp: 29802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.7 | 66.1 | 99.1 |
| 51 | 37.0 | 29.0 | 43.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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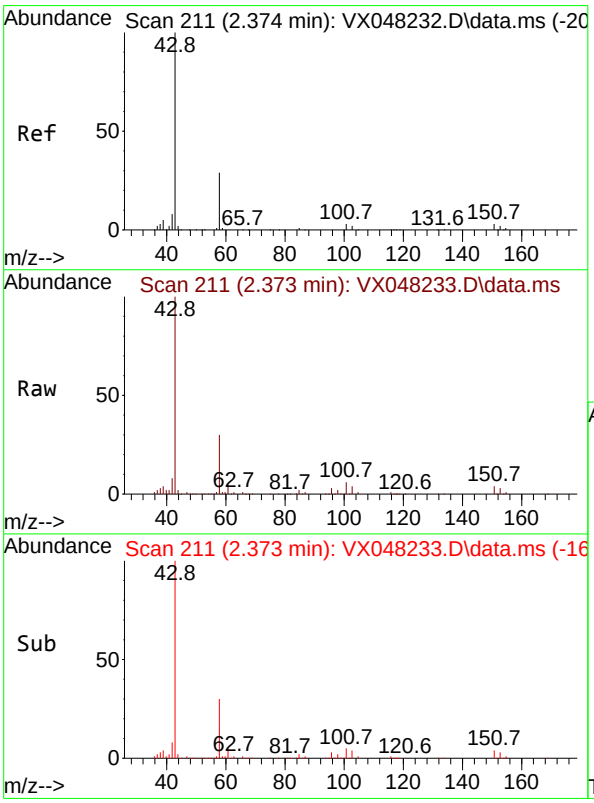
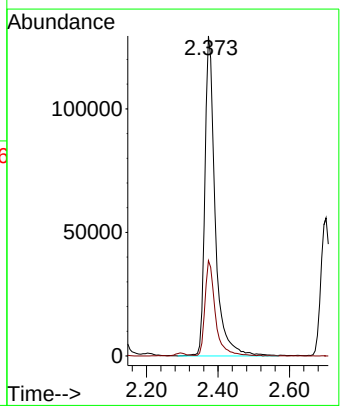
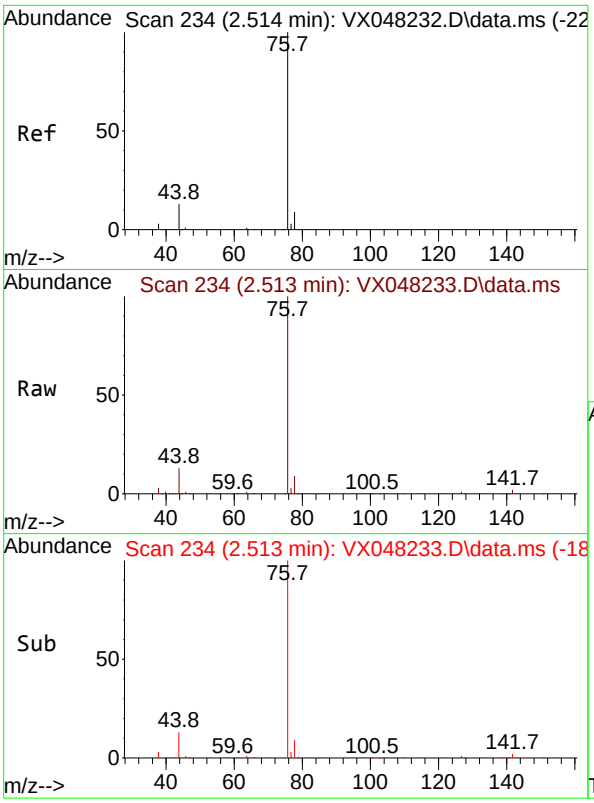



#16
Acetone
Concen: 418.616 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 260058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.8 | 23.4 | 35.2 |

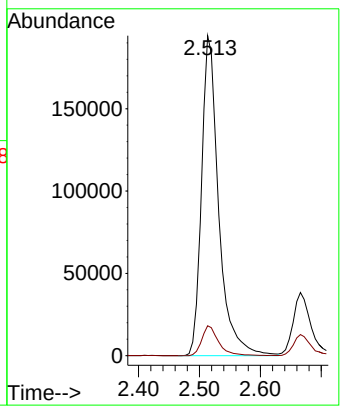





#17
Carbon Disulfide
Concen: 90.700 ug/l
RT: 2.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 76 Resp: 38012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

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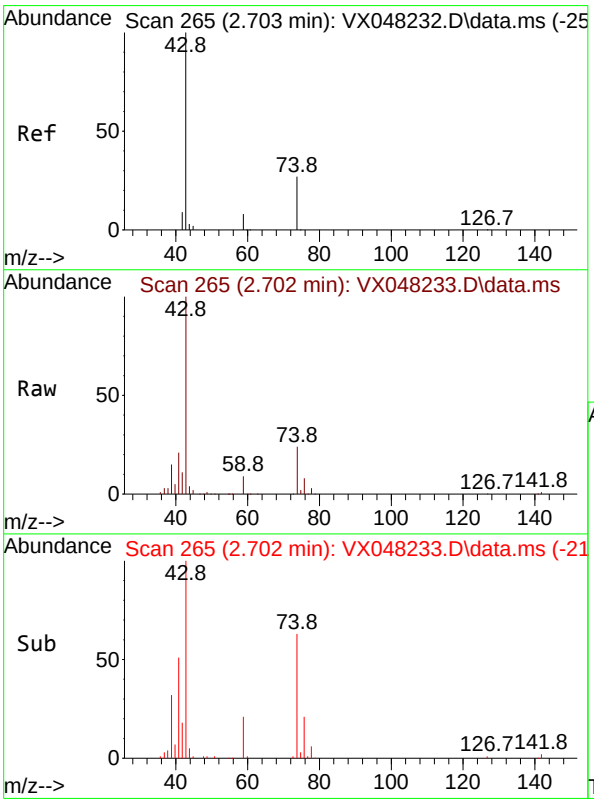
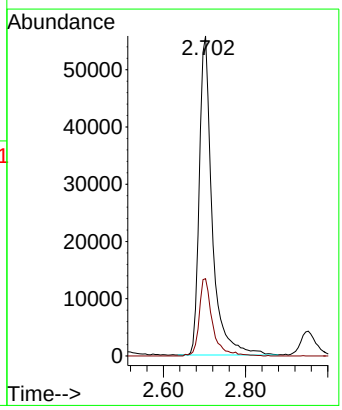
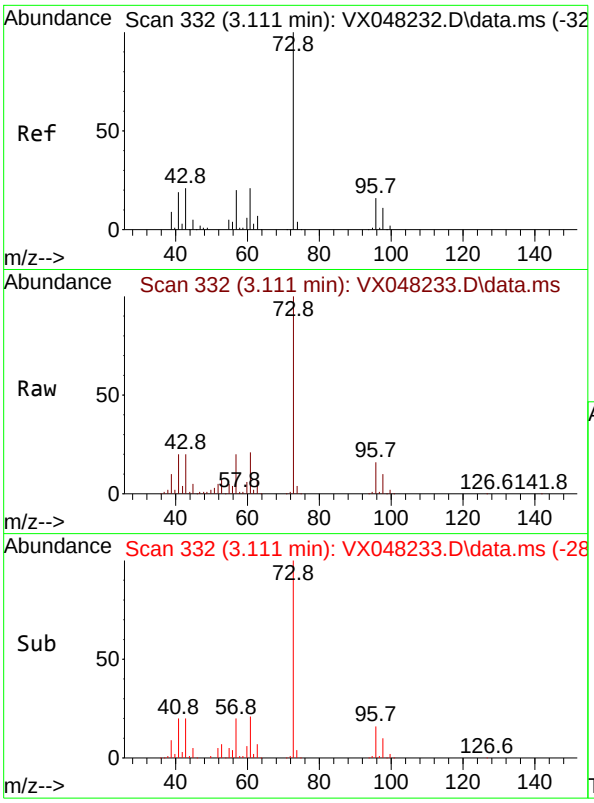



#18
Methyl Acetate
Concen: 95.565 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 120920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.0 | 17.5 | 26.3 |

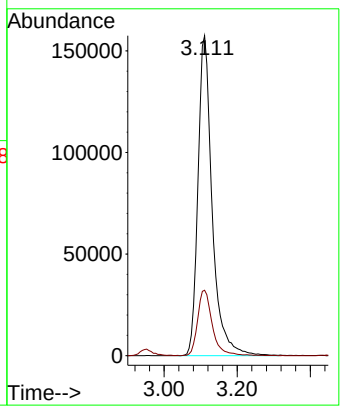





#19
Methyl tert-butyl Ether
Concen: 104.130 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 73 Resp: 42725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.5 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations**
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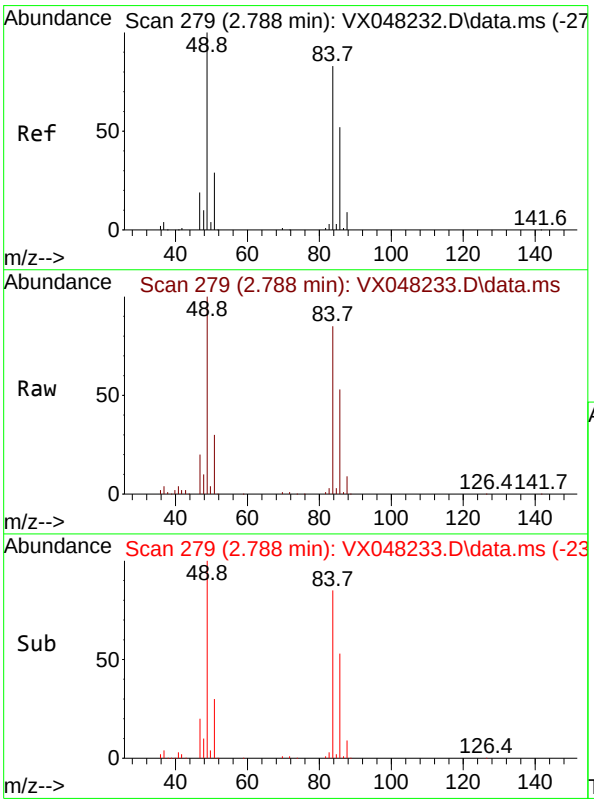
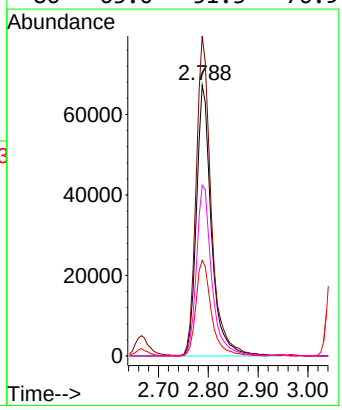
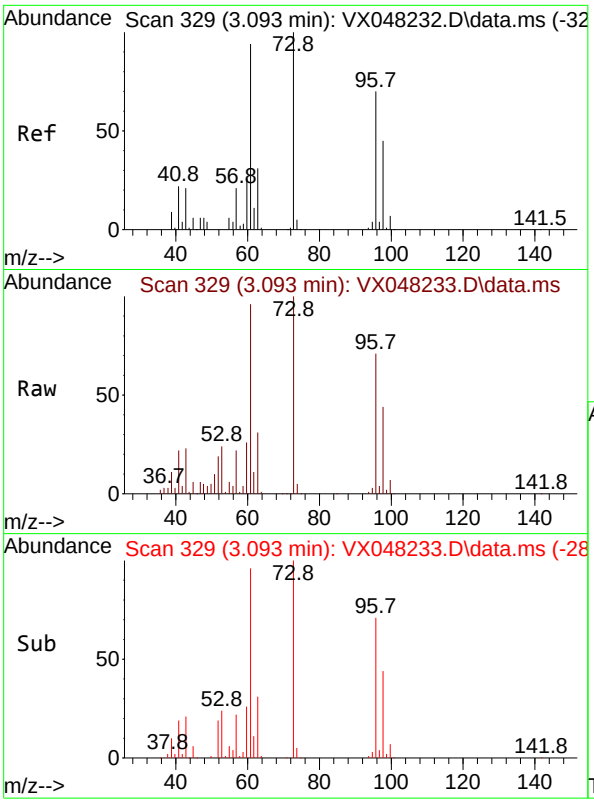



#20
Methylene Chloride
Concen: 92.718 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 84 Resp: 140317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 117.9 | 104.1 | 156.1 |
| 51 | 35.3 | 31.3 | 46.9 |
| 86 | 63.0 | 51.3 | 76.9 |

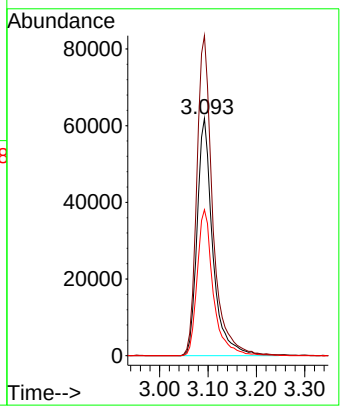





#21
trans-1,2-Dichloroethene
Concen: 98.694 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 96 Resp: 13908

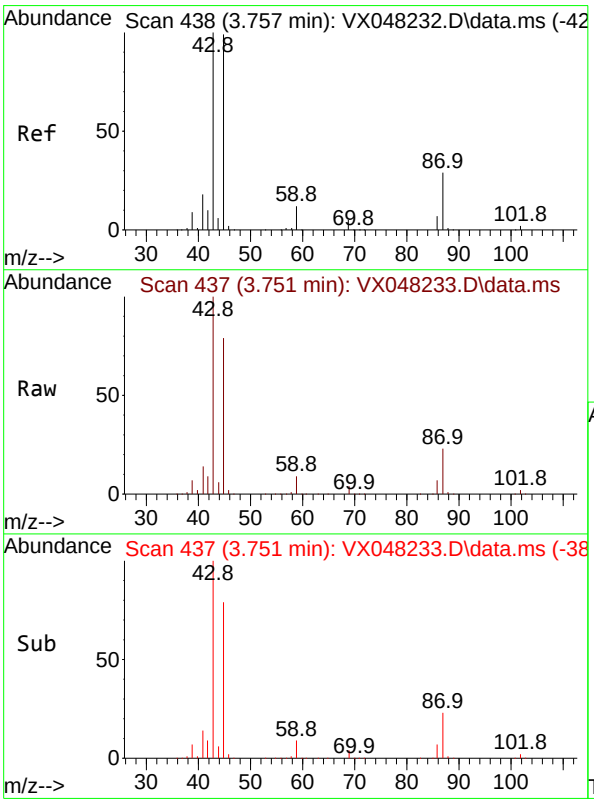
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.9 | 111.9 | 167.9 |
| 98 | 61.5 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

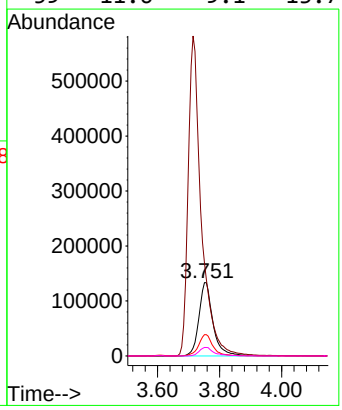
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

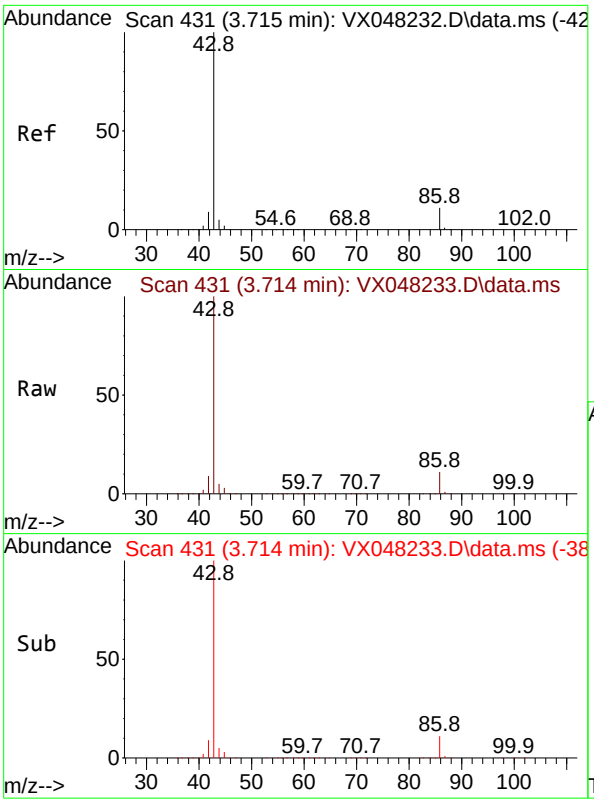



#22
Diisopropyl ether
Concen: 87.566 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 45 Resp: 420126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 126.6 | 89.8 | 134.8 |
| 87 | 29.0 | 20.6 | 31.0 |
| 59 | 11.6 | 9.1 | 13.7 |

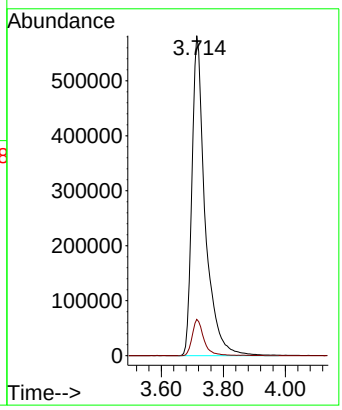





#23
Vinyl Acetate
Concen: 480.325 ug/l
RT: 3.714 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 172317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.3 | 7.9 | 11.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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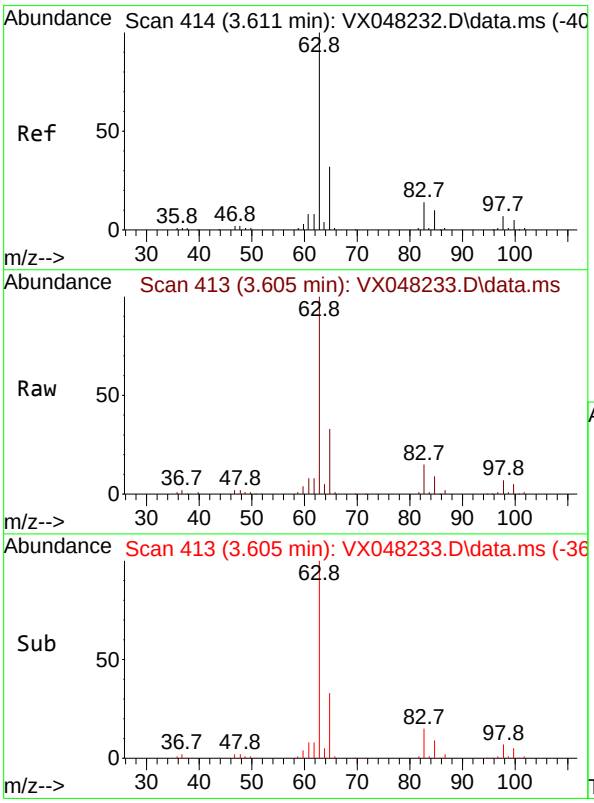
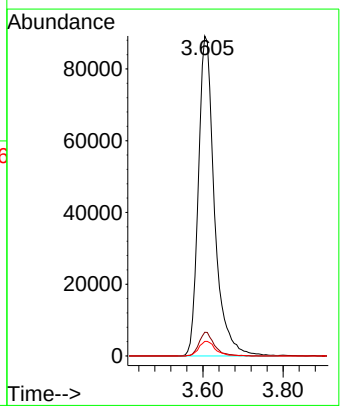
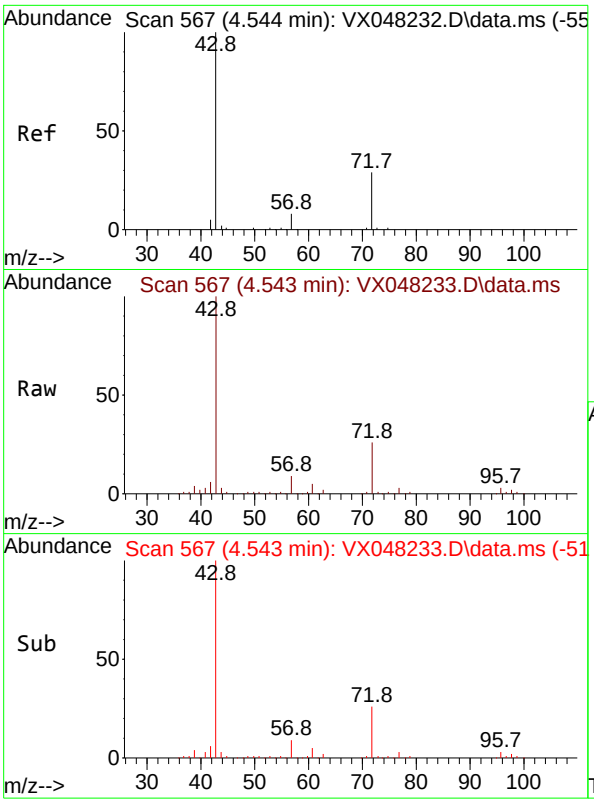



#24
1,1-Dichloroethane
Concen: 91.164 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 248141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.4 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |

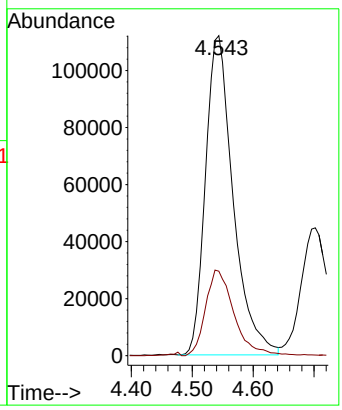





#25
2-Butanone
Concen: 488.753 ug/l
RT: 4.543 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 35374

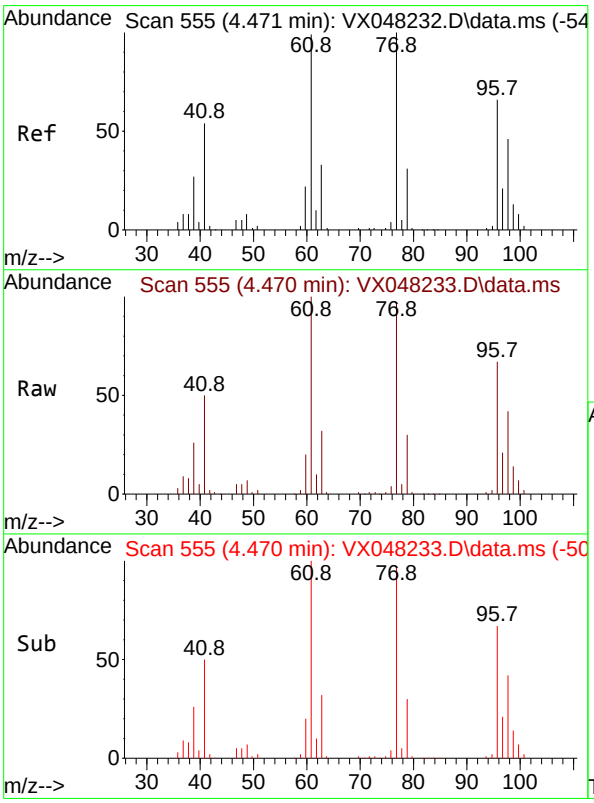
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.8 | 19.9 | 29.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

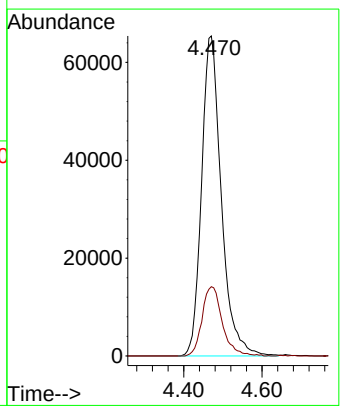
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

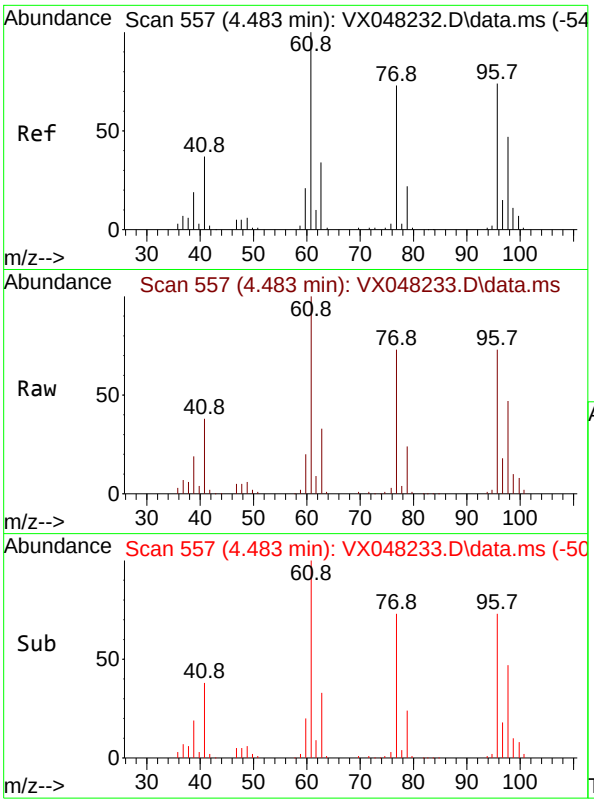



#26
2,2-Dichloropropane
Concen: 98.275 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 77 Resp: 228643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.2 | 11.1 | 33.3 |

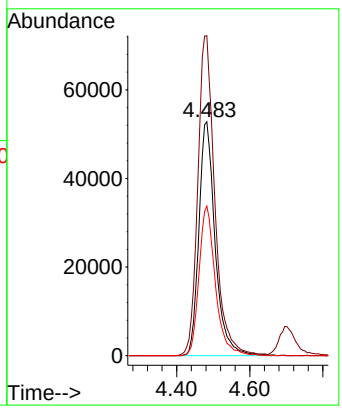





#27
cis-1,2-Dichloroethene
Concen: 97.727 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 96 Resp: 16344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.1 | 0.0 | 294.2 |
| 98 | 64.3 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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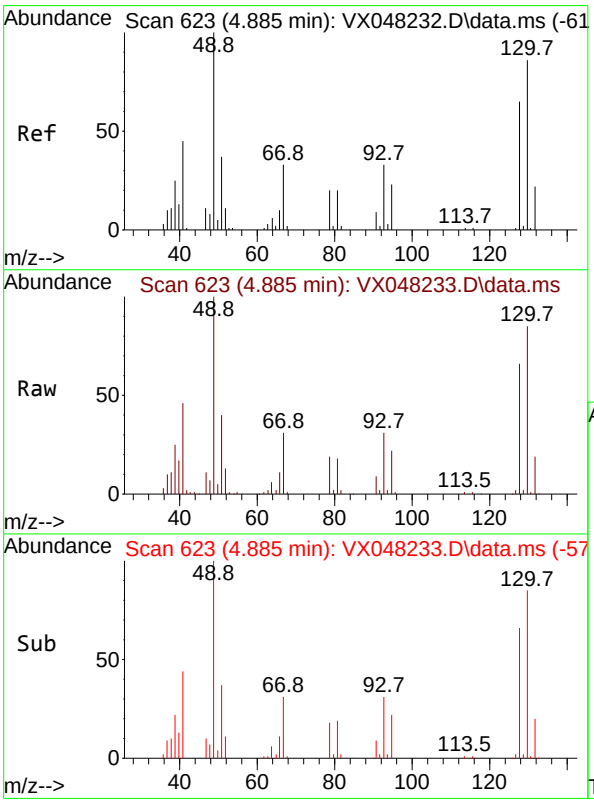
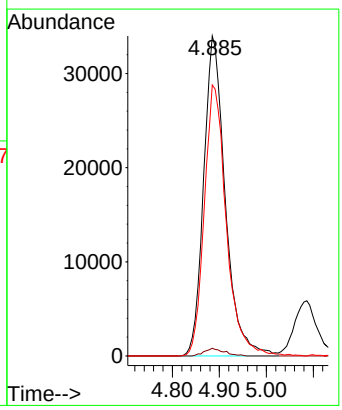
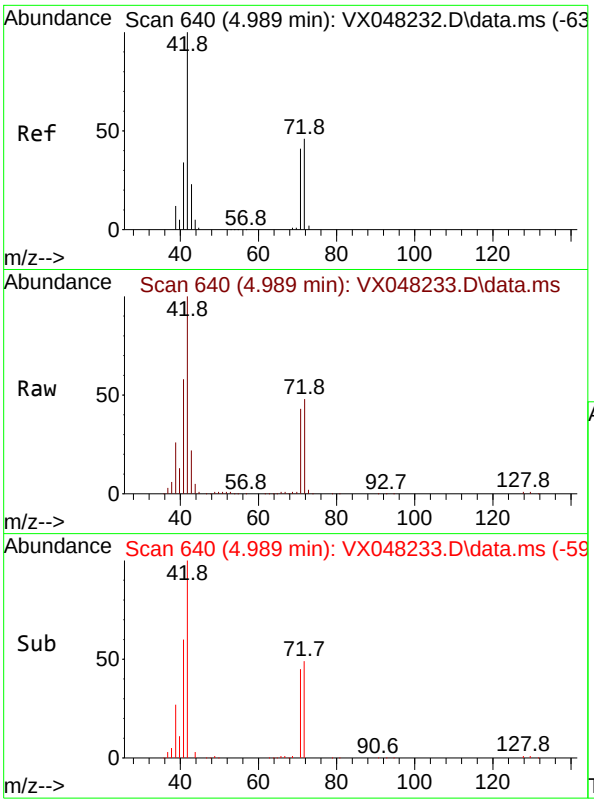



#28
Bromochloromethane
Concen: 86.505 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 49 Resp: 108536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 4.4 |
| 130 | 86.4 | 59.3 | 88.9 |






#29
Tetrahydrofuran
Concen: 509.471 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 42 Resp: 21654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.6 | 35.3 | 52.9 |
| 71 | 44.5 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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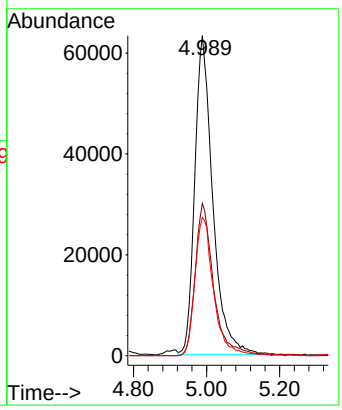
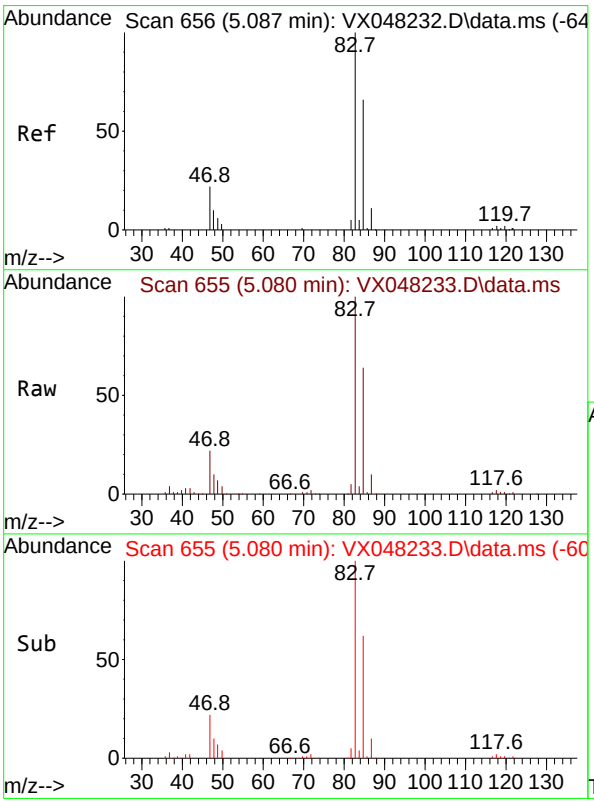
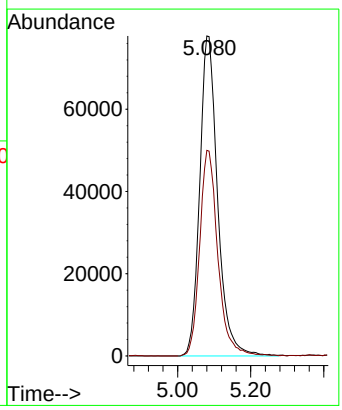


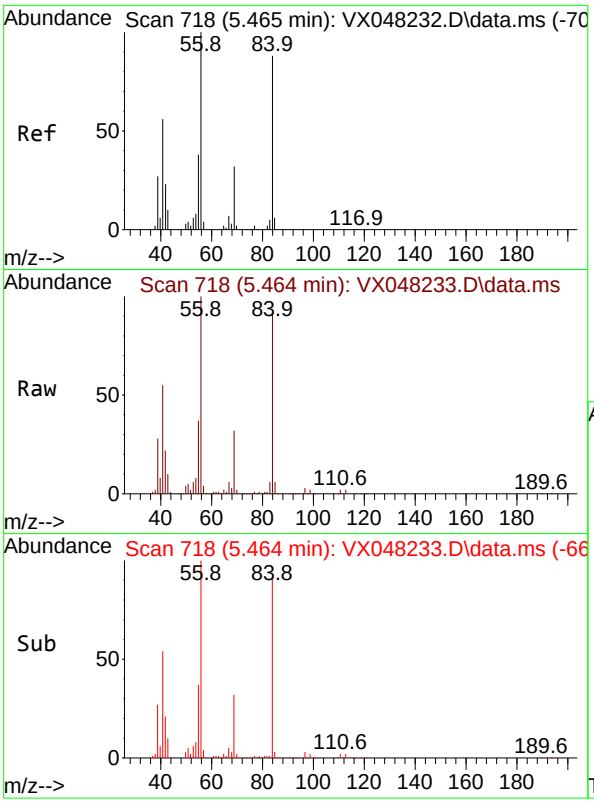




#30
Chloroform
Concen: 92.461 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 264966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 50.1 | 75.1 |

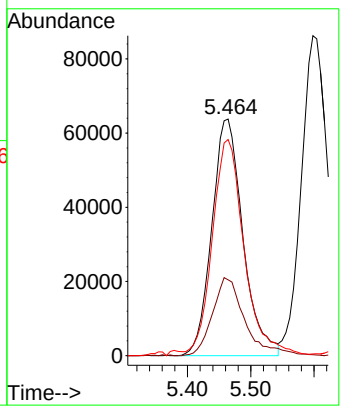





#31
Cyclohexane
Concen: 97.754 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 56 Resp: 21771

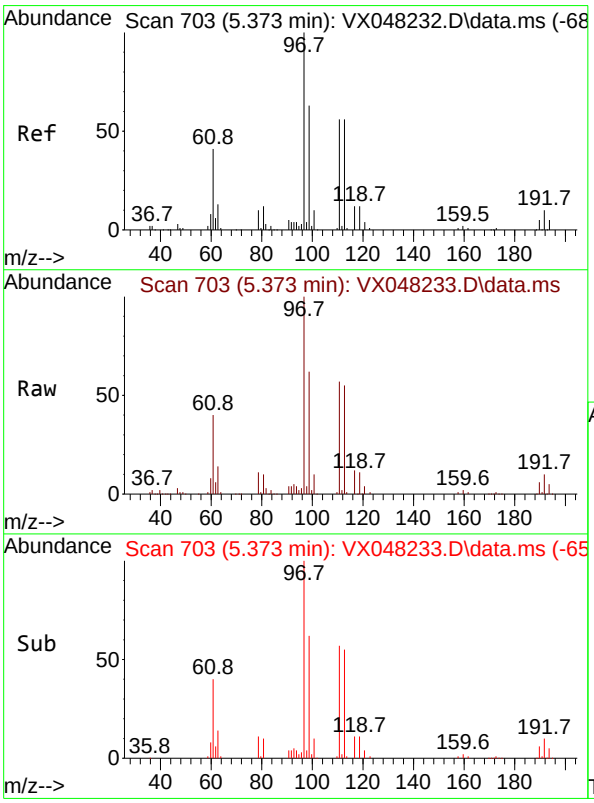
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.1 | 23.0 | 34.6 |
| 84 | 89.2 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations**
**APPROVED**

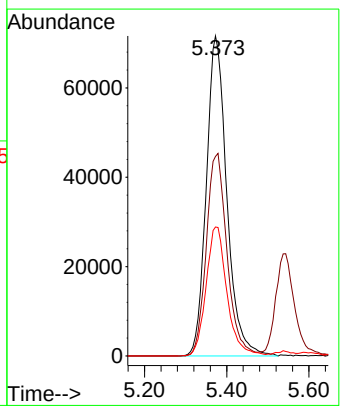
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

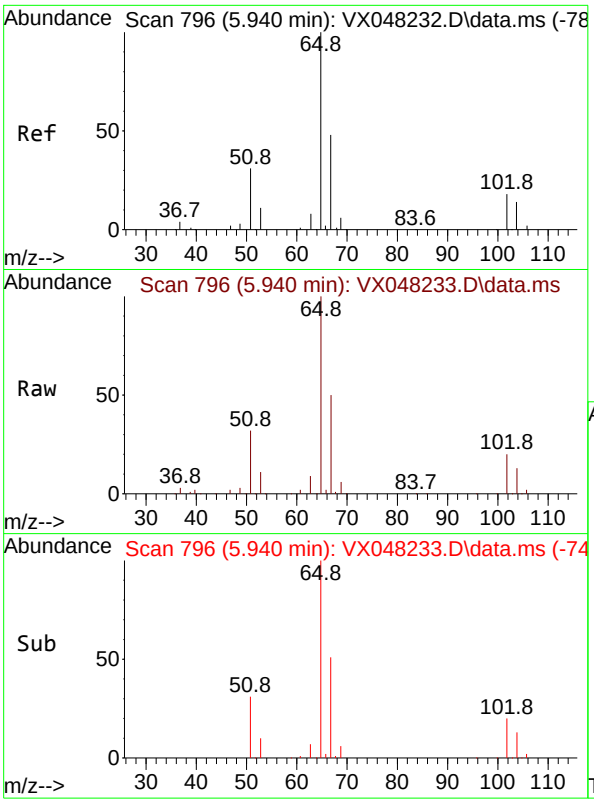



#32
1,1,1-Trichloroethane
Concen: 105.334 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 97 Resp: 248018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.0 | 51.7 | 77.5 |
| 61 | 41.2 | 34.8 | 52.2 |

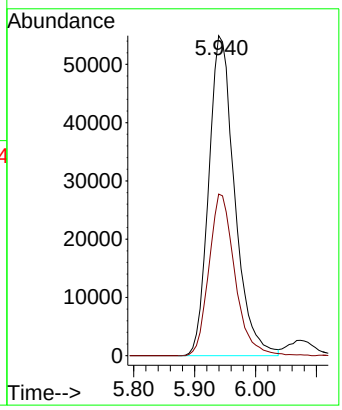





#33
1,2-Dichloroethane-d4
Concen: 89.060 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 65 Resp: 16218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.6 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

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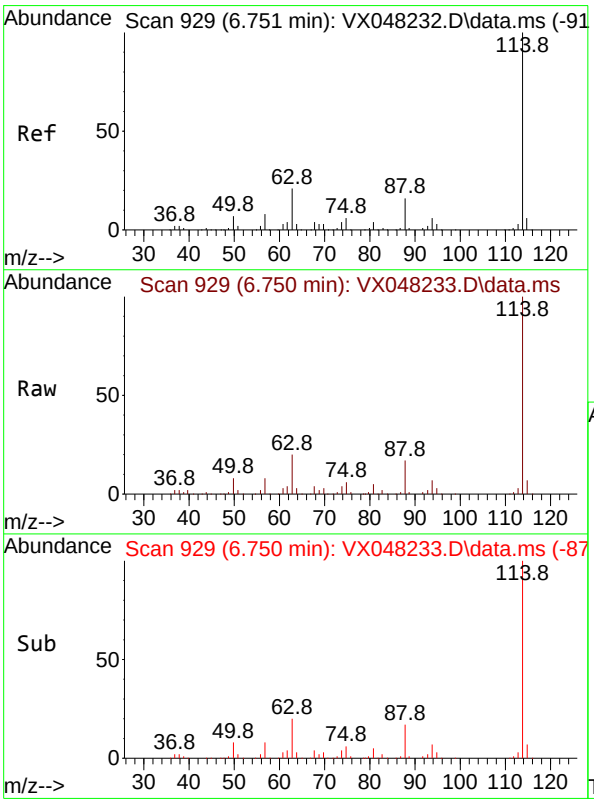
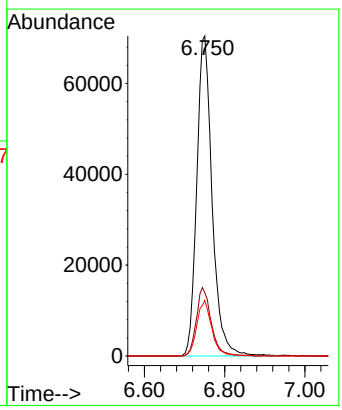
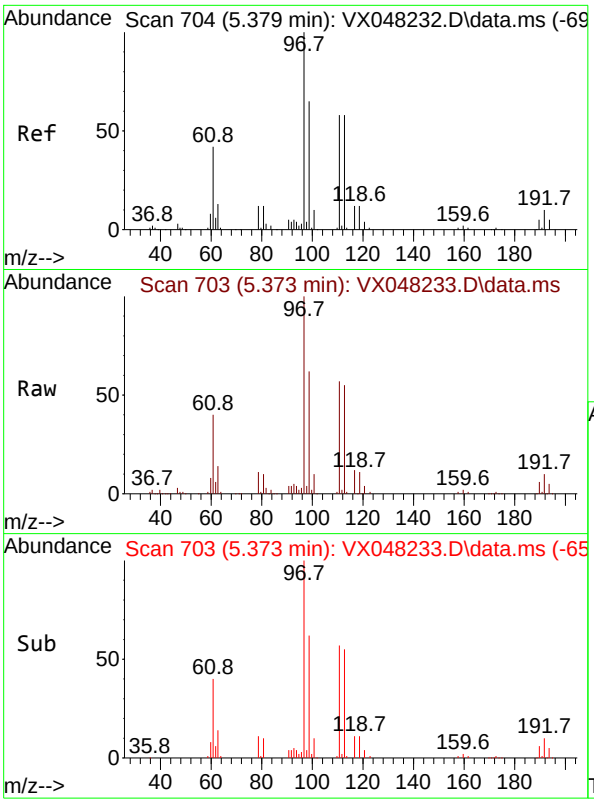



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:114 Resp: 187766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 43.2 |
| 88 | 17.3 | 0.0 | 33.6 |

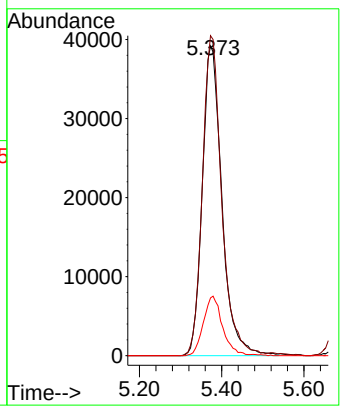





#35
Dibromofluoromethane
Concen: 99.697 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:113 Resp: 12991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.5 | 82.2 | 123.4 |
| 192 | 19.0 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

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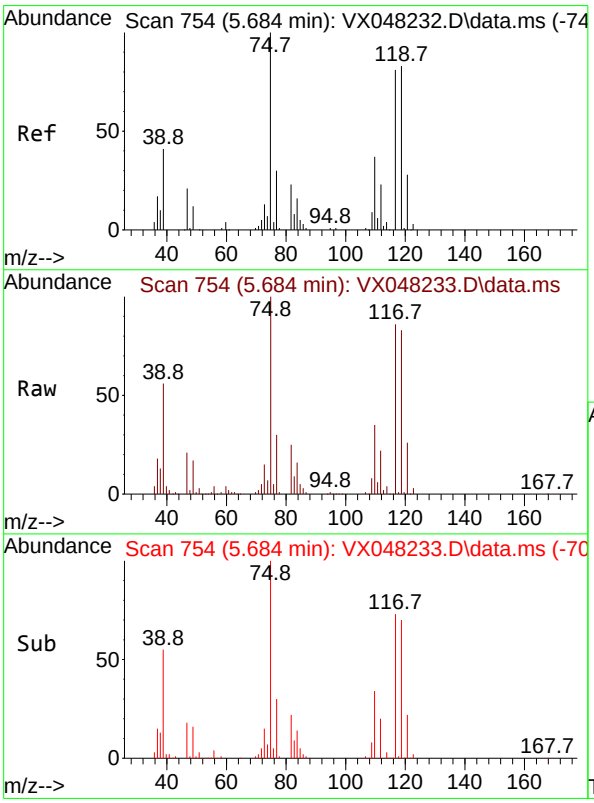
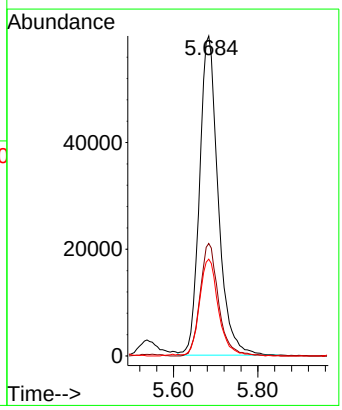
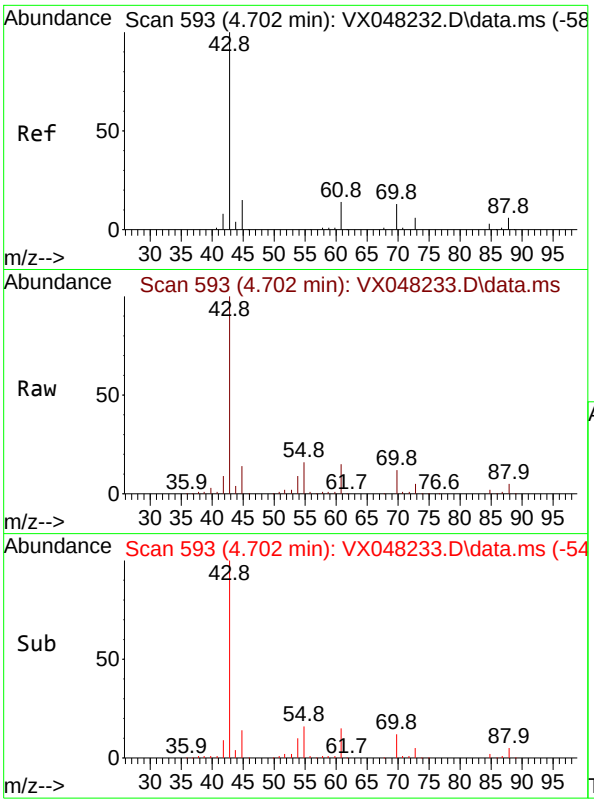



#36
1,1-Dichloropropene
Concen: 100.194 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 183932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.1 | 17.7 | 53.1 |
| 77 | 30.9 | 24.3 | 36.5 |

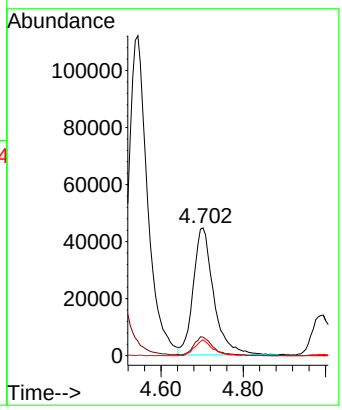





#37
Ethyl Acetate
Concen: 104.863 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 15384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.3 | 10.6 | 15.8 |
| 70 | 10.7 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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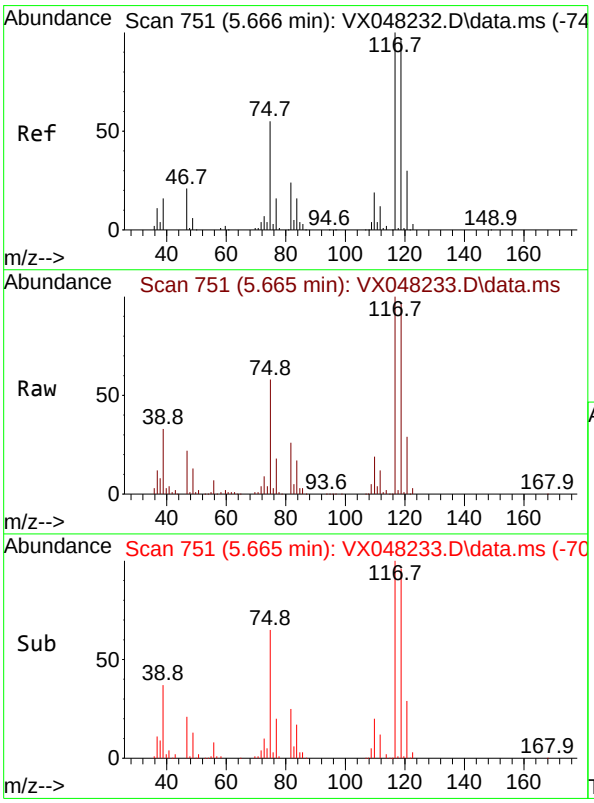
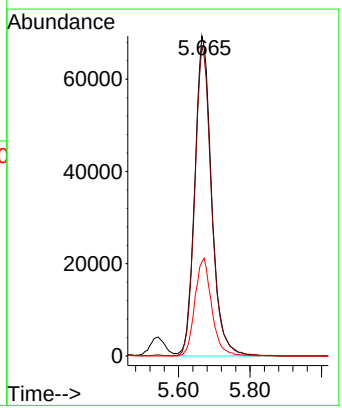
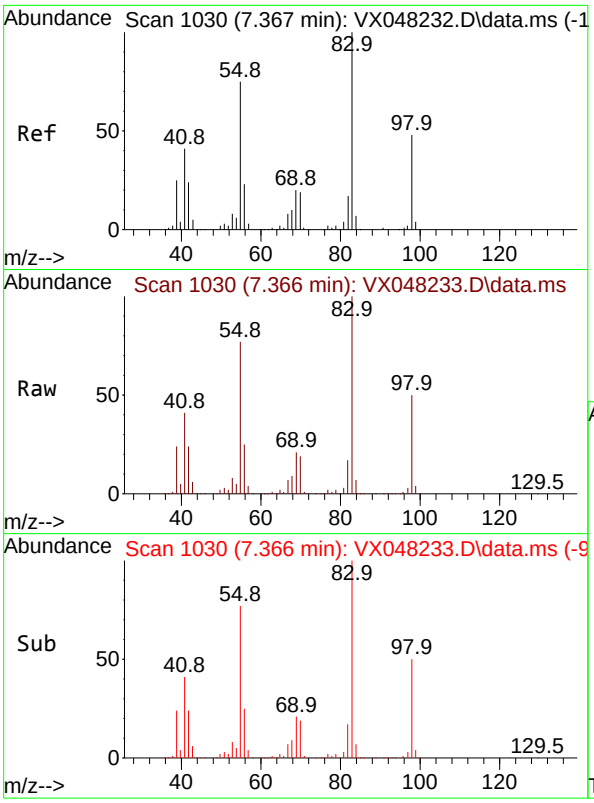



#38
Carbon Tetrachloride
Concen: 107.719 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 226976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 77.2 | 115.8 |
| 121 | 29.4 | 24.8 | 37.2 |

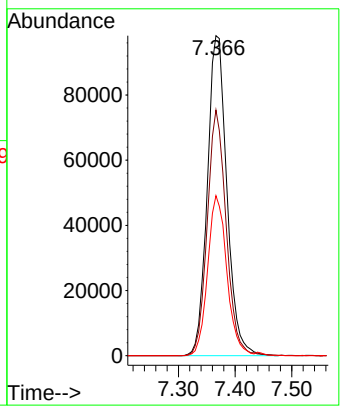





#39
Methylcyclohexane
Concen: 113.637 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 23520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.8 | 66.2 | 99.2 |
| 98 | 50.0 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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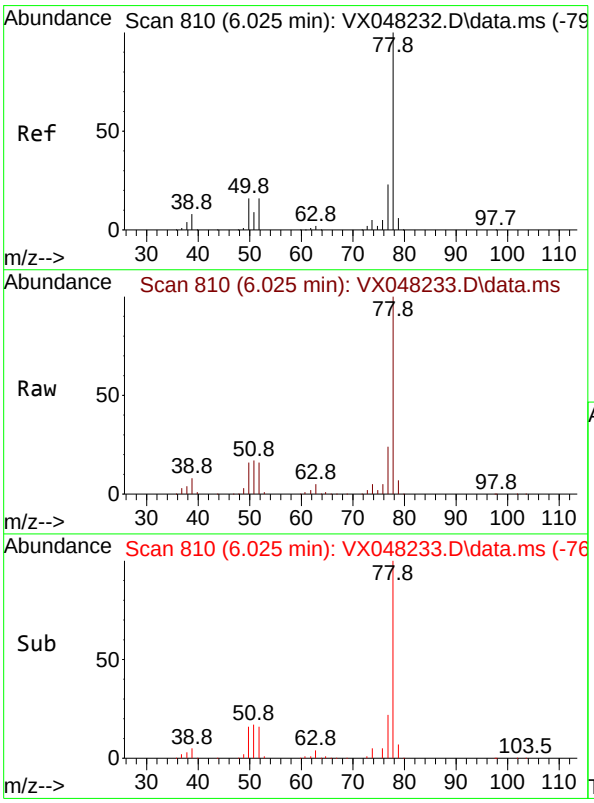
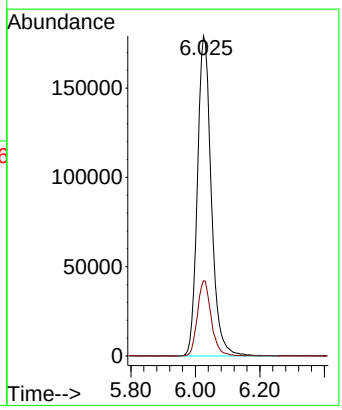
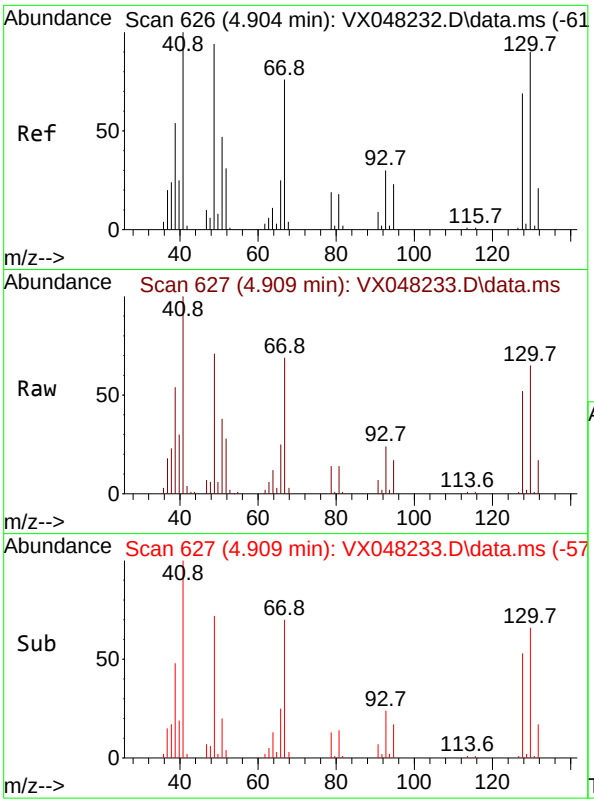



#40
Benzene
Concen: 98.221 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 78 Resp: 535407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 19.3 | 28.9 |

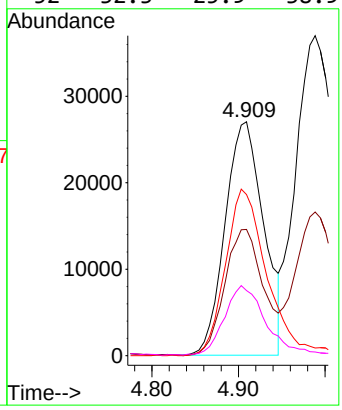





#41
Methacrylonitrile
Concen: 106.641 ug/l
RT: 4.909 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 8379

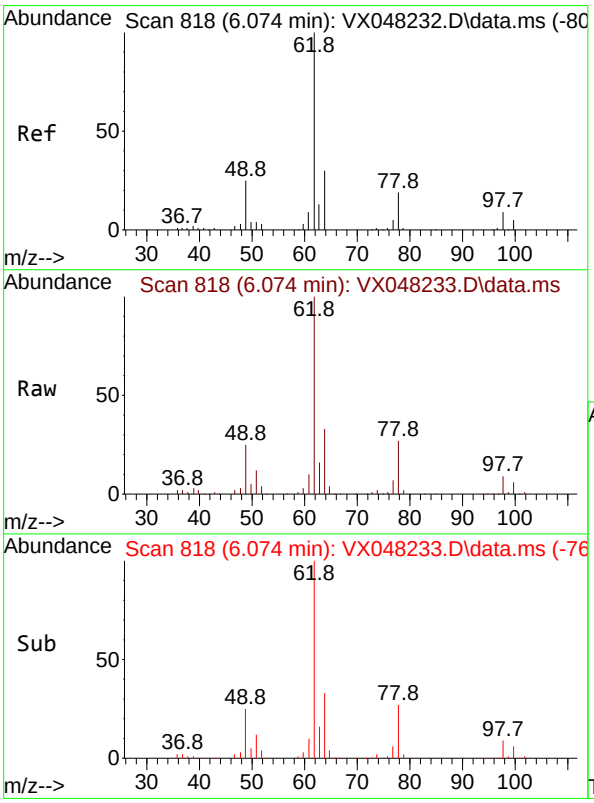
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.4 | 44.0 | 66.0 |
| 67 | 77.7 | 58.7 | 88.1 |
| 52 | 32.3 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

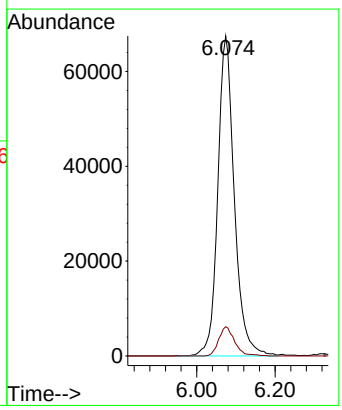
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

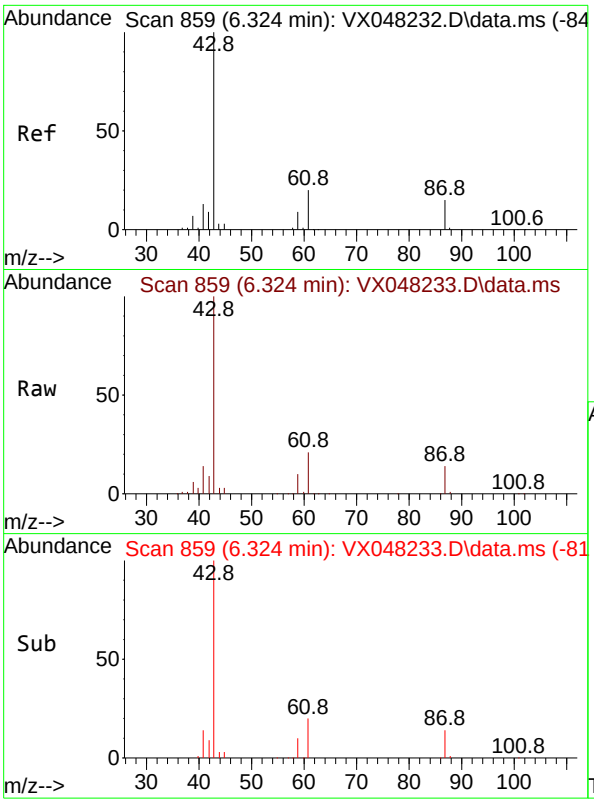



#42
1,2-Dichloroethane
Concen: 101.562 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 198348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.8 | 0.0 | 17.2 |






#43
Isopropyl Acetate
Concen: 103.976 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

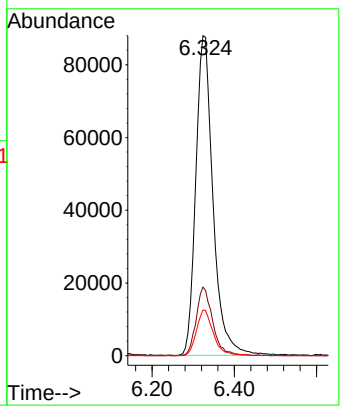
Tgt Ion: 43 Resp: 25606

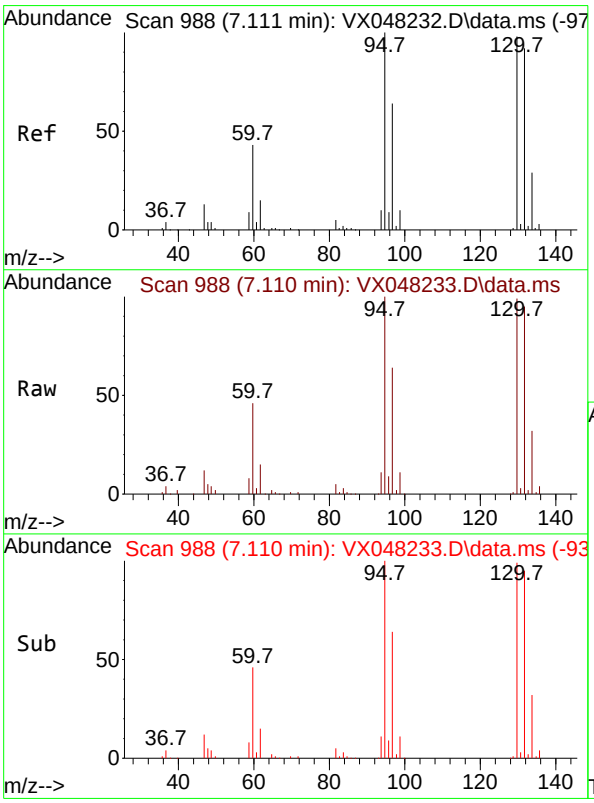
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.5 | 14.9 | 22.3 |
| 87 | 14.0 | 9.4 | 14.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

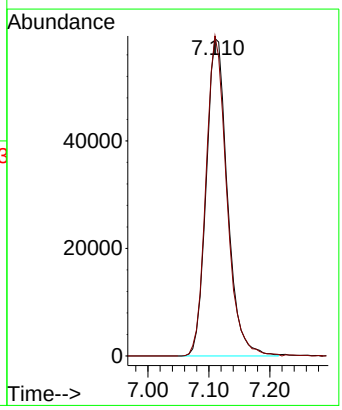


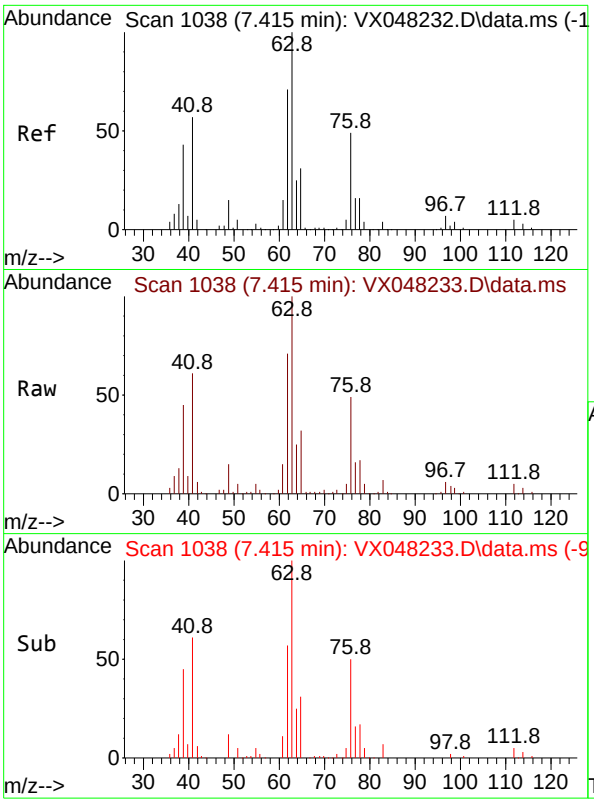




#44
Trichloroethene
Concen: 103.931 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:130 Resp: 142779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 100.8 | 0.0 | 200.6 |

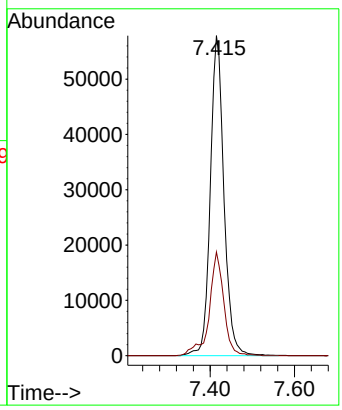





#45
1,2-Dichloropropane
Concen: 94.368 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 13018

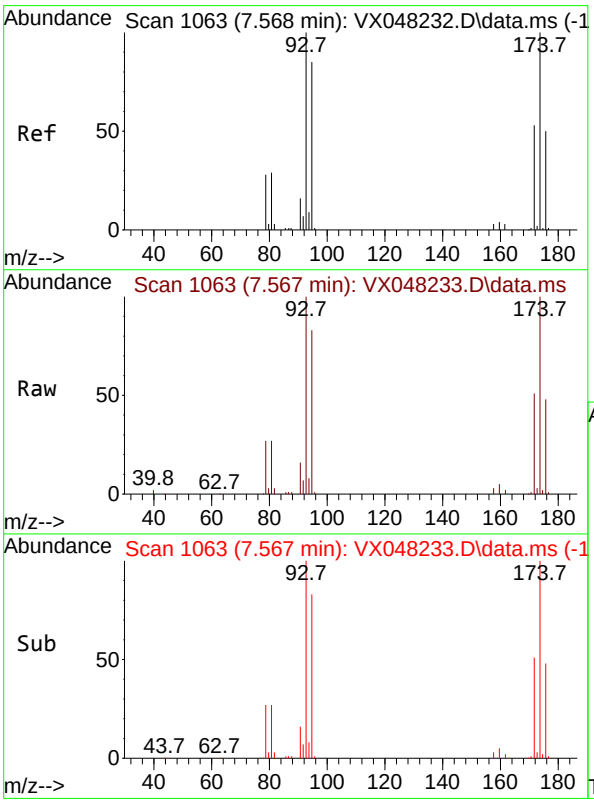
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.4 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

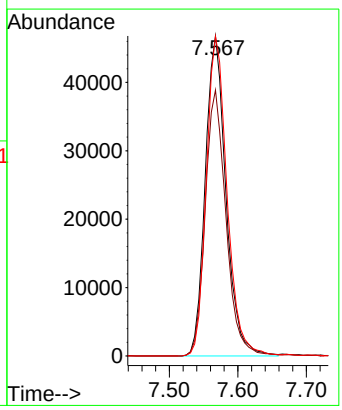
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

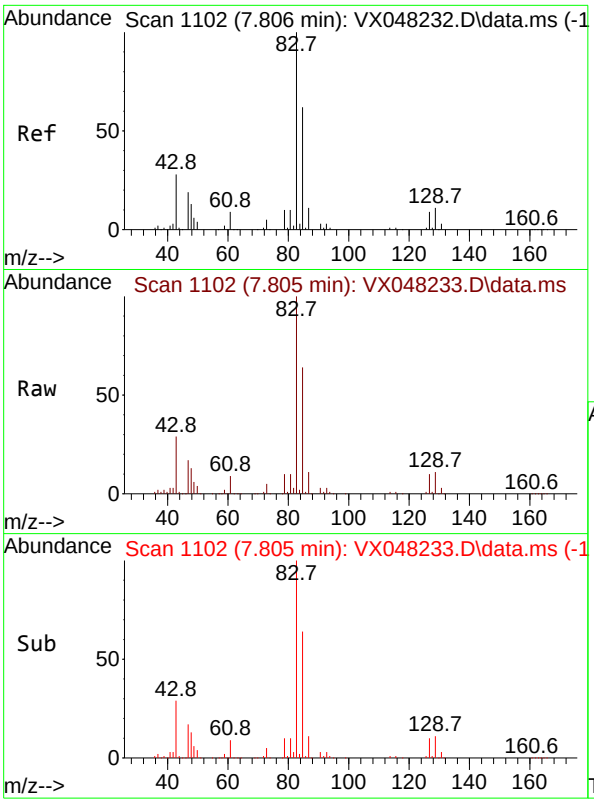



#46
Dibromomethane
Concen: 98.835 ug/l
RT: 7.567 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 93 Resp: 98105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.4 | 65.9 | 98.9 |
| 174 | 100.3 | 71.7 | 107.5 |

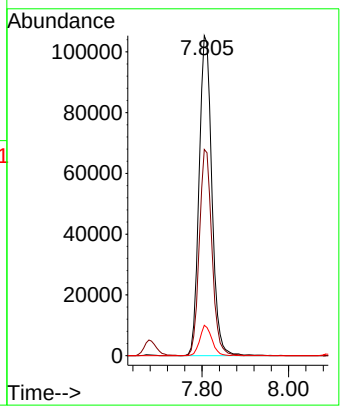





#47
Bromodichloromethane
Concen: 100.358 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 21530

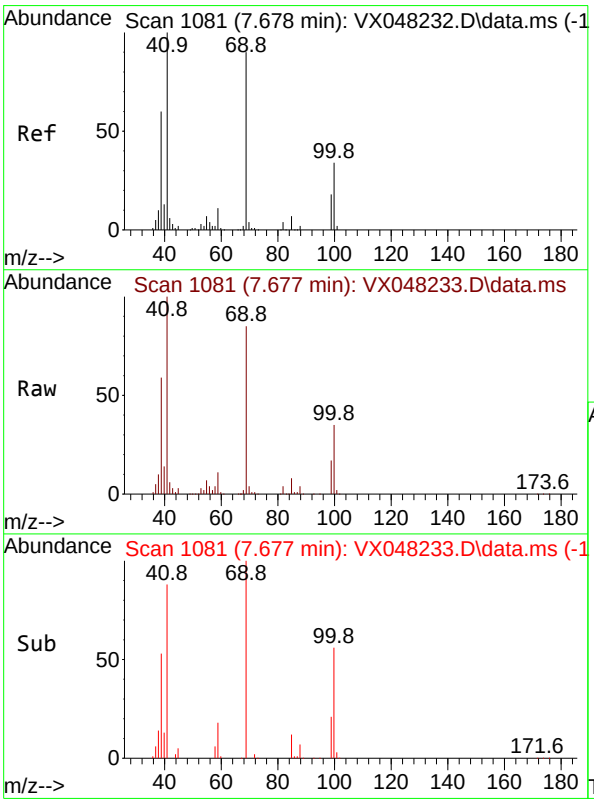
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 52.2 | 78.4 |
| 127 | 9.5 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

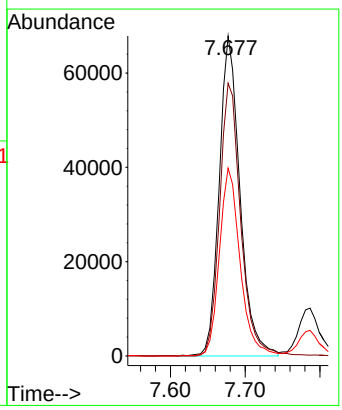
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

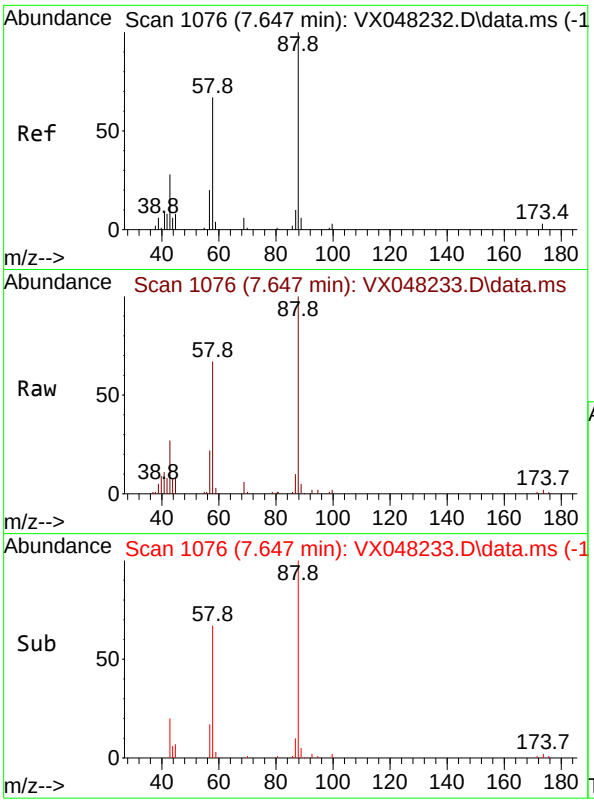



#48
Methyl methacrylate
Concen: 104.272 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 131454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.8 | 63.4 | 95.0 |
| 39 | 58.7 | 47.1 | 70.7 |






#49
1,4-Dioxane
Concen: 3169.845 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

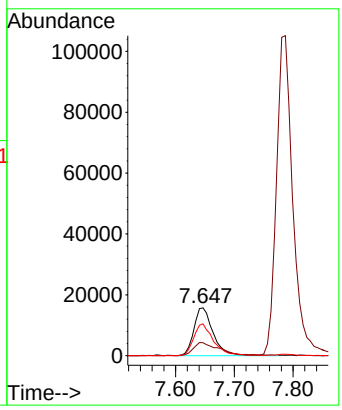
Tgt Ion: 88 Resp: 3597

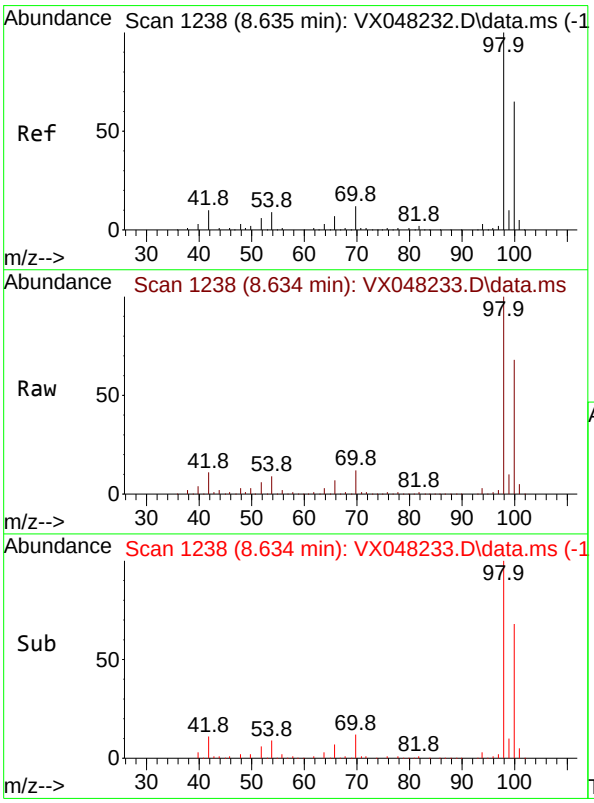
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 36.6 | 35.0 | 52.4 |
| 58 | 68.4 | 61.9 | 92.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

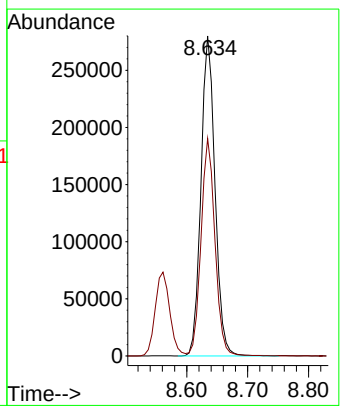


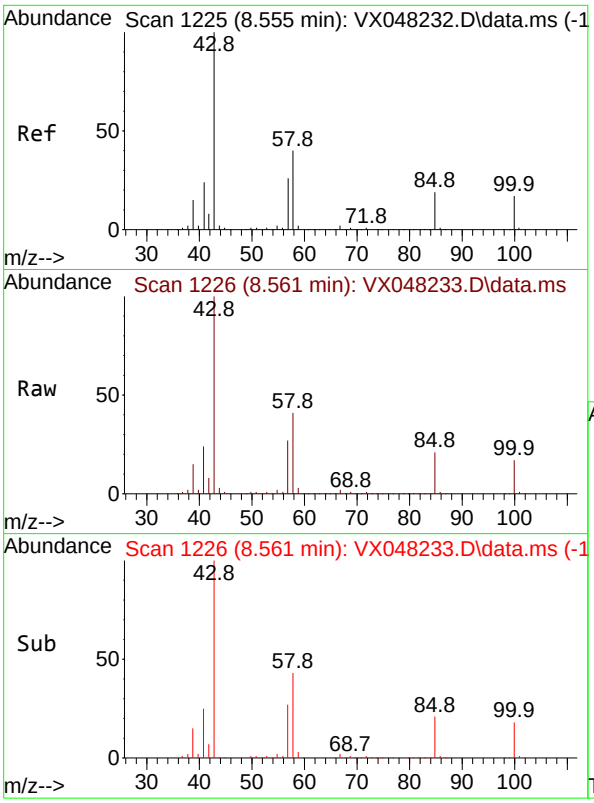




#50
Toluene-d8
Concen: 95.629 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 98 Resp: 448948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.3 | 53.0 | 79.4 |

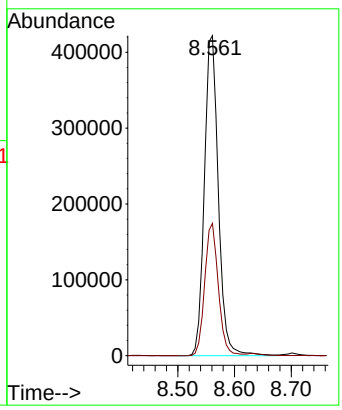





#51
4-Methyl-2-Pentanone
Concen: 526.103 ug/l
RT: 8.561 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 72098

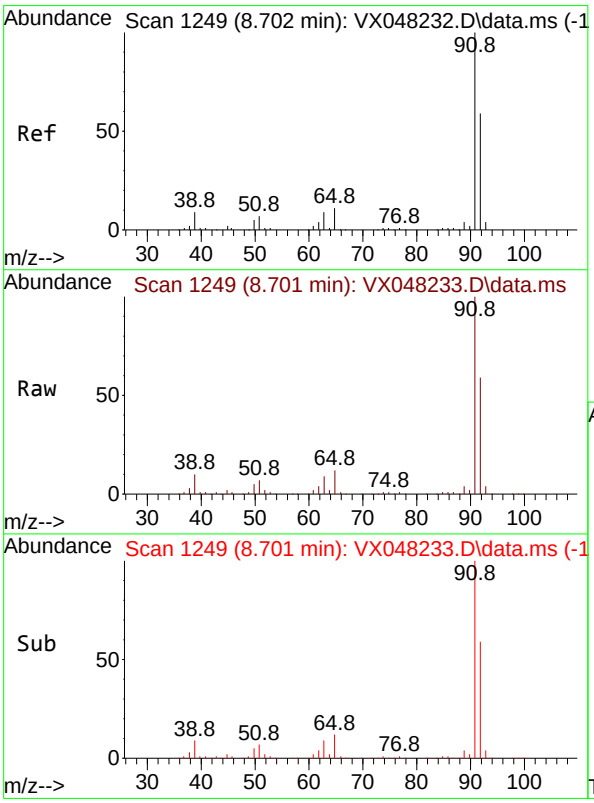
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

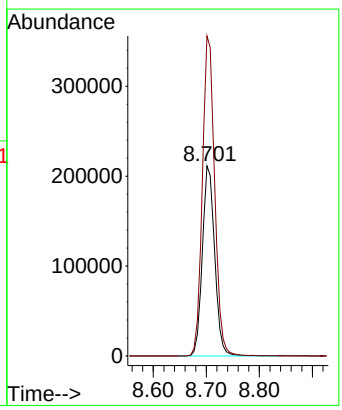
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

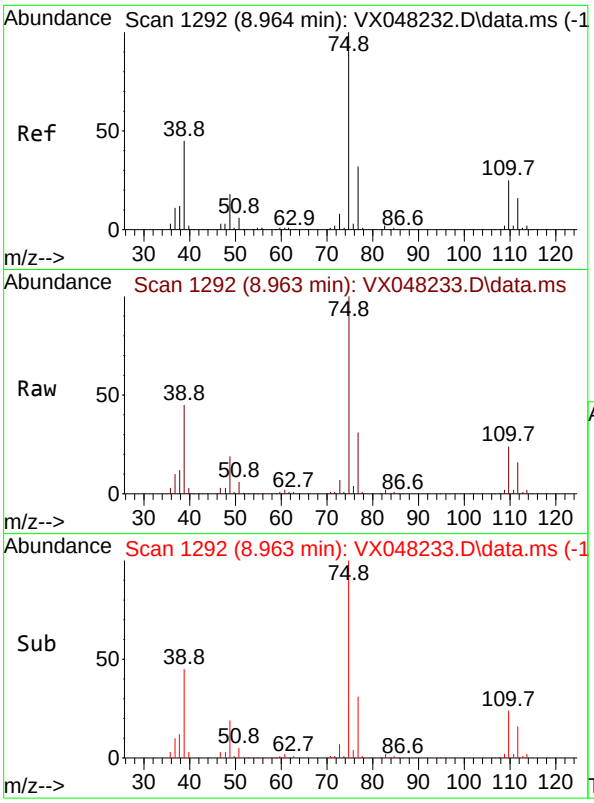



#52
Toluene
Concen: 104.263 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 92 Resp: 341597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.2 | 136.1 | 204.1 |

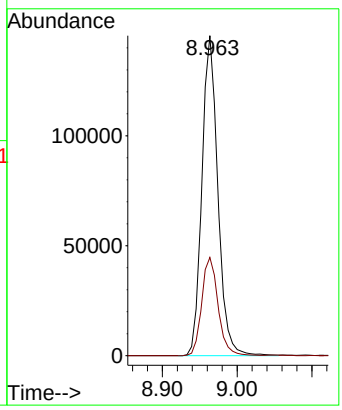





#53
t-1,3-Dichloropropene
Concen: 107.341 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 21573

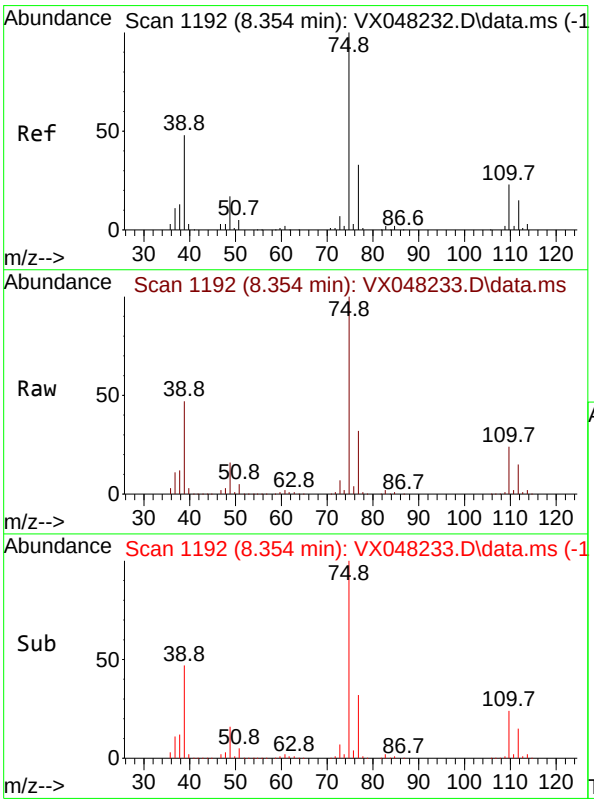
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.7 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

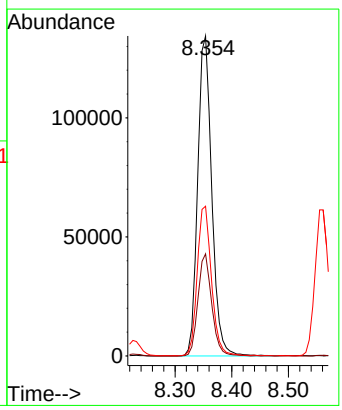
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

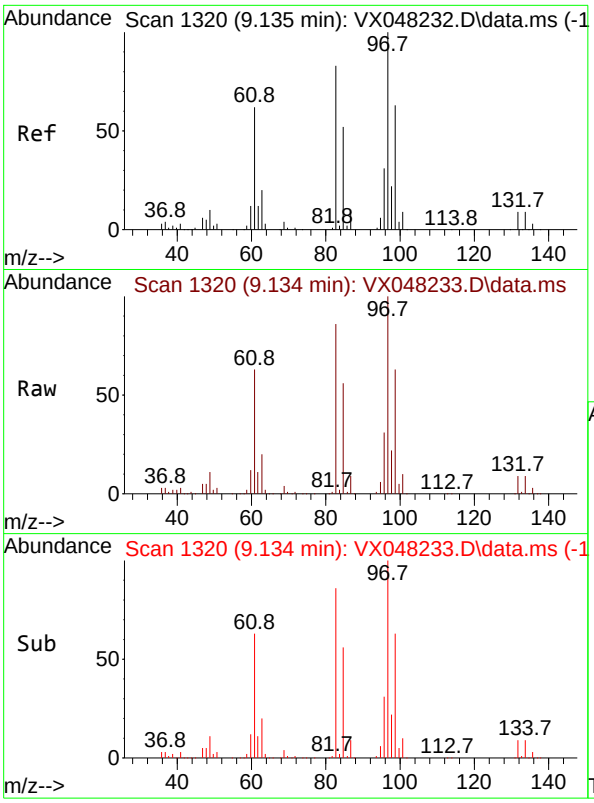



#54
cis-1,3-Dichloropropene
Concen: 105.465 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 231037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 24.9 | 37.3 |
| 39 | 46.7 | 42.6 | 64.0 |

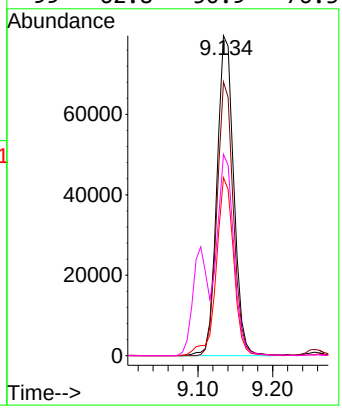





#55
1,1,2-Trichloroethane
Concen: 102.180 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 97 Resp: 12491

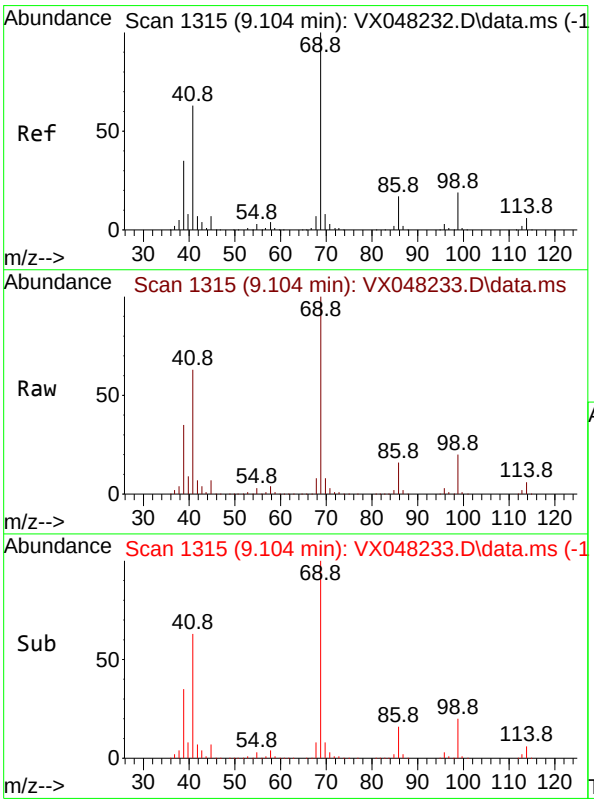
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.5 | 70.6 | 105.8 |
| 85 | 55.7 | 45.0 | 67.6 |
| 99 | 62.8 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

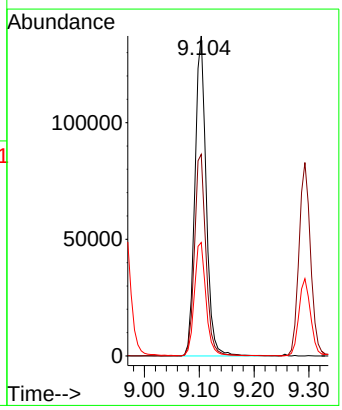
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

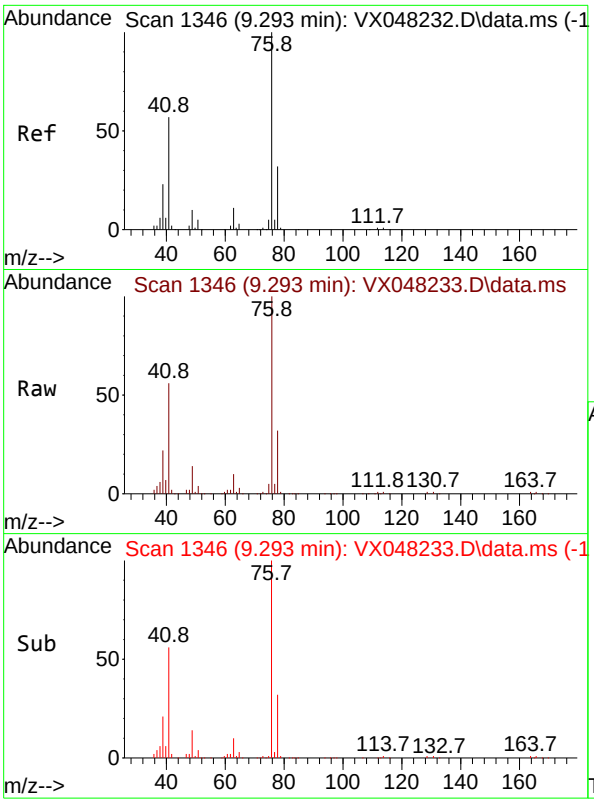



#56
Ethyl methacrylate
Concen: 118.305 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 69 Resp: 196699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.0 | 56.0 | 84.0 |
| 39 | 36.7 | 31.6 | 47.4 |

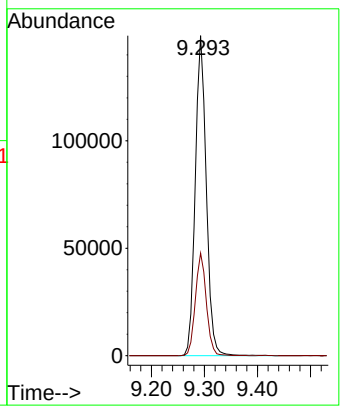





#57
1,3-Dichloropropane
Concen: 100.598 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 76 Resp: 21485

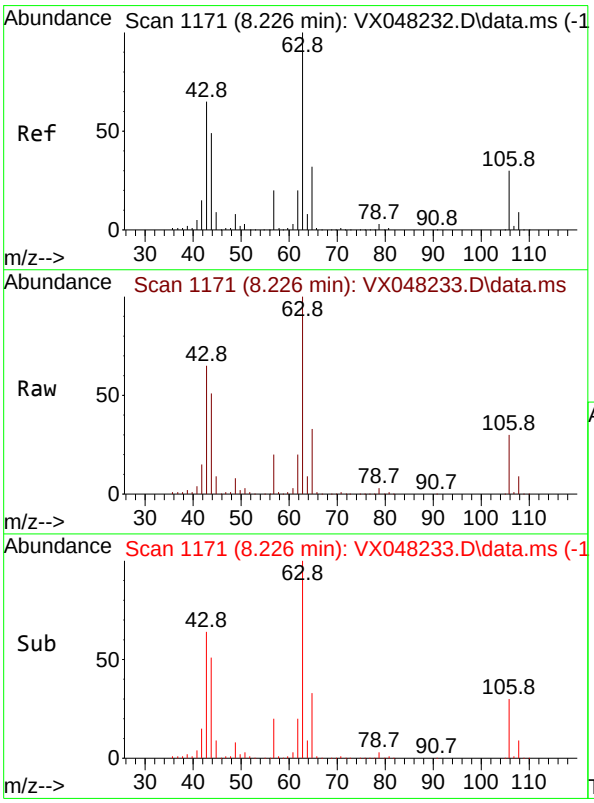
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

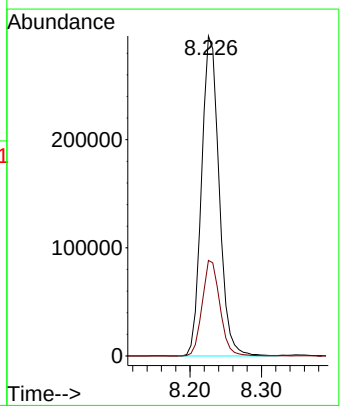
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

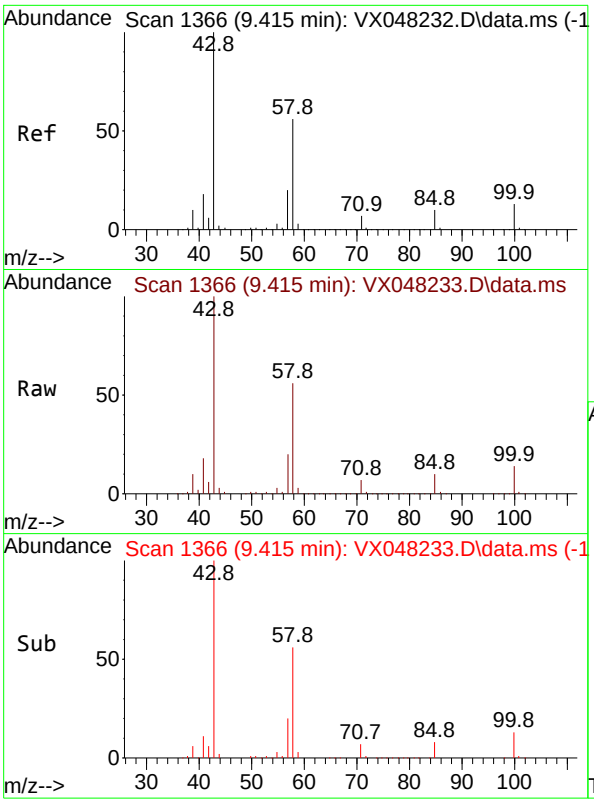



#58
2-Chloroethyl Vinyl ether
Concen: 592.044 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 505448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.0 | 22.2 | 33.2 |






#59
2-Hexanone
Concen: 531.416 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

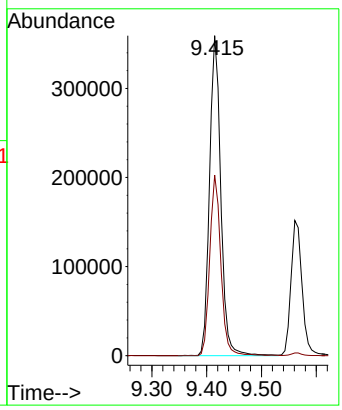
Tgt Ion: 43 Resp: 50939

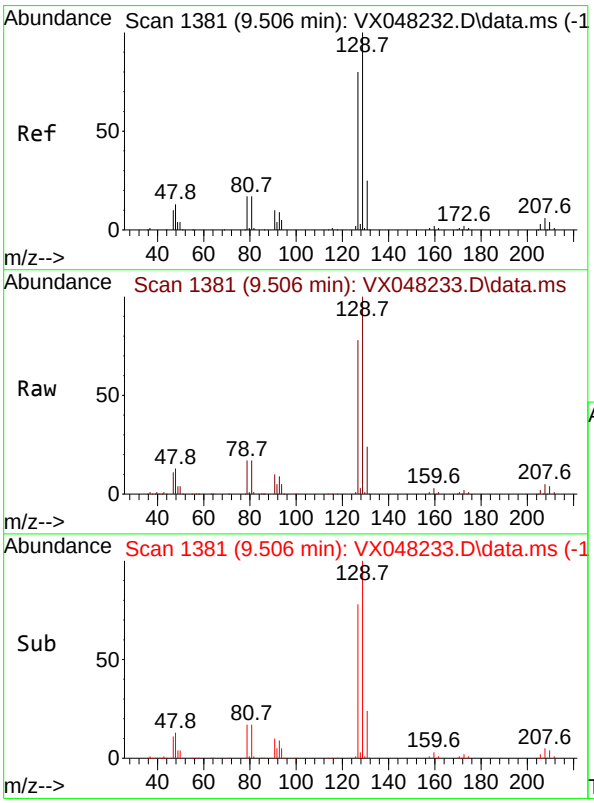
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.8 | 26.3 | 78.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

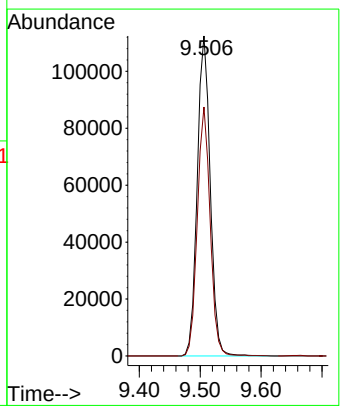


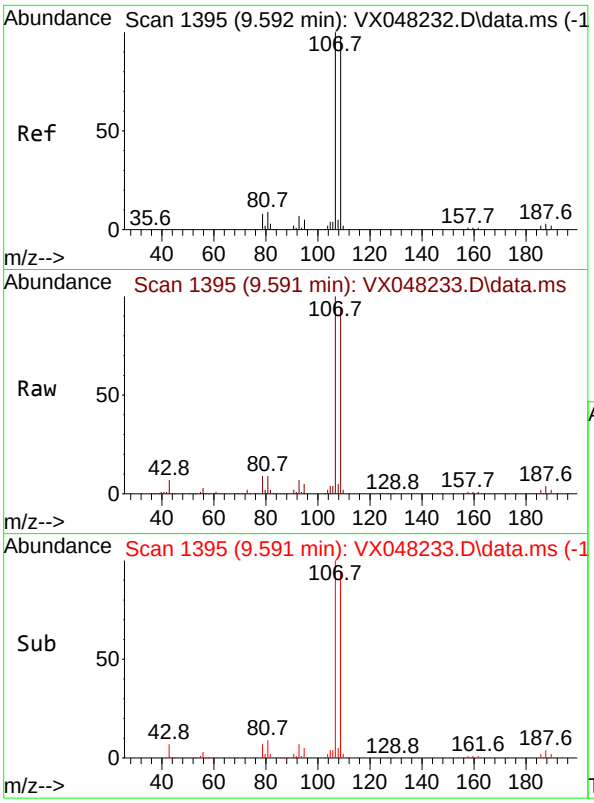




#60
Dibromochloromethane
Concen: 108.598 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:129 Resp: 166167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.9 | 38.6 | 115.7 |

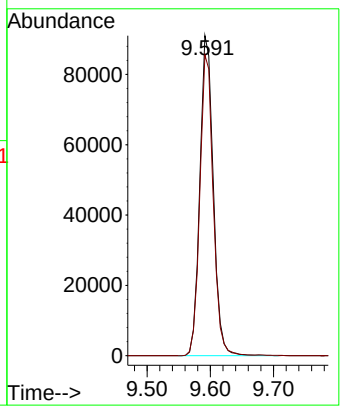





#61
1,2-Dibromoethane
Concen: 107.431 ug/l
RT: 9.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:107 Resp: 13466

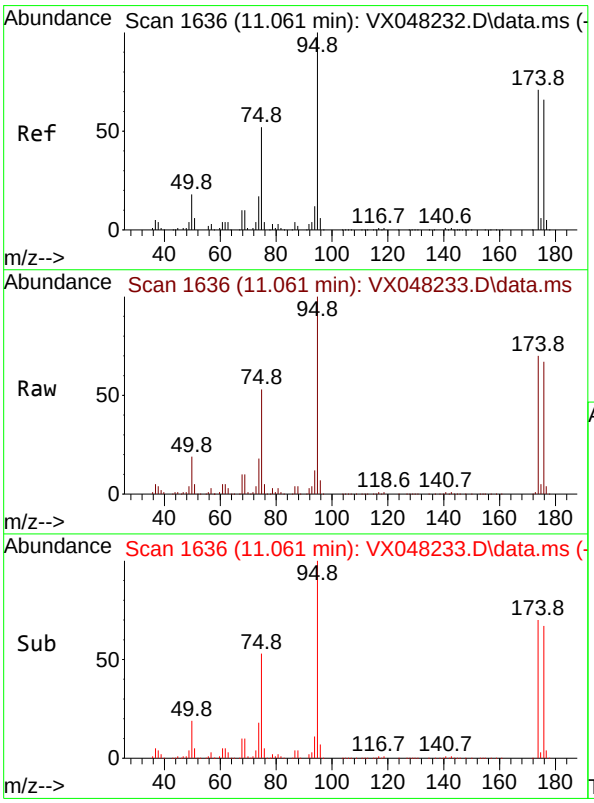
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.7 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

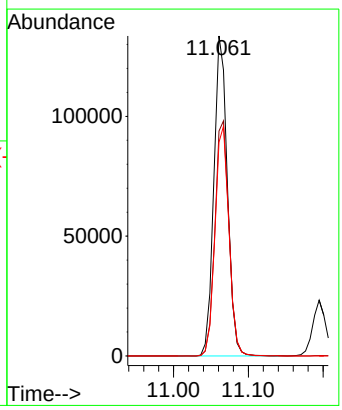
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

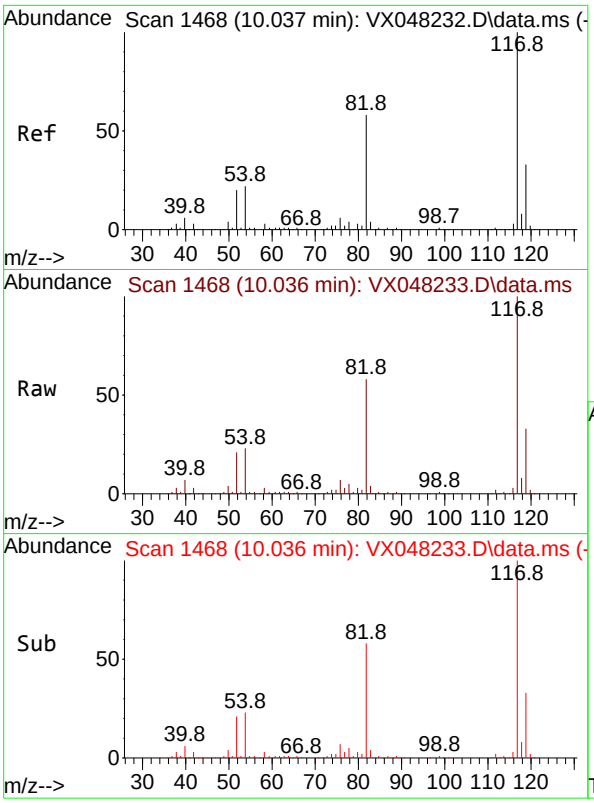



#62
4-Bromofluorobenzene
Concen: 97.996 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 95 Resp: 167565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.3 | 0.0 | 147.8 |
| 176 | 74.1 | 0.0 | 142.8 |

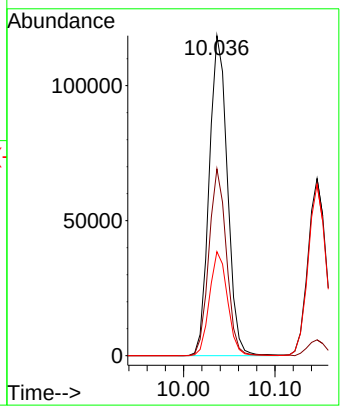





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 16358

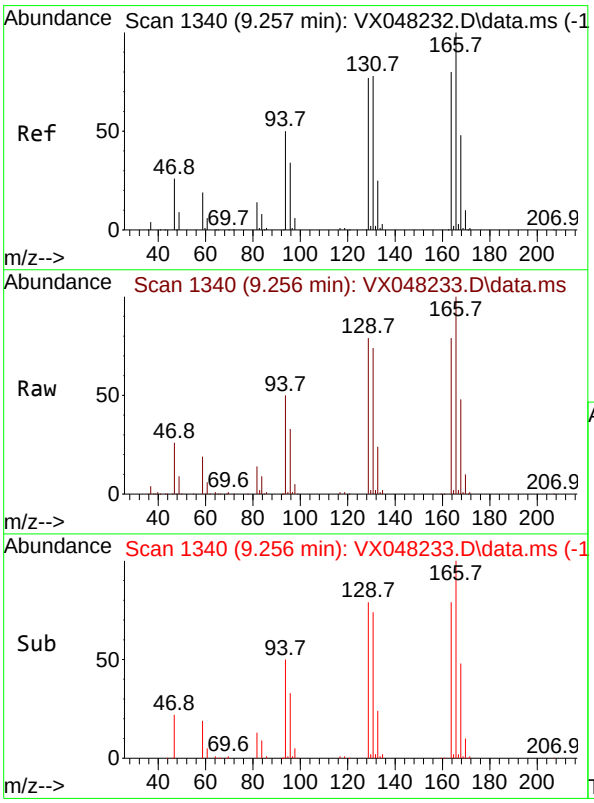
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.4 | 46.5 | 69.7 |
| 119 | 32.5 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

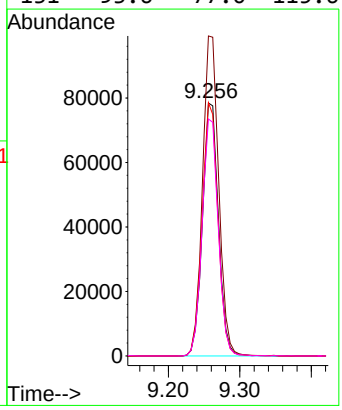
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

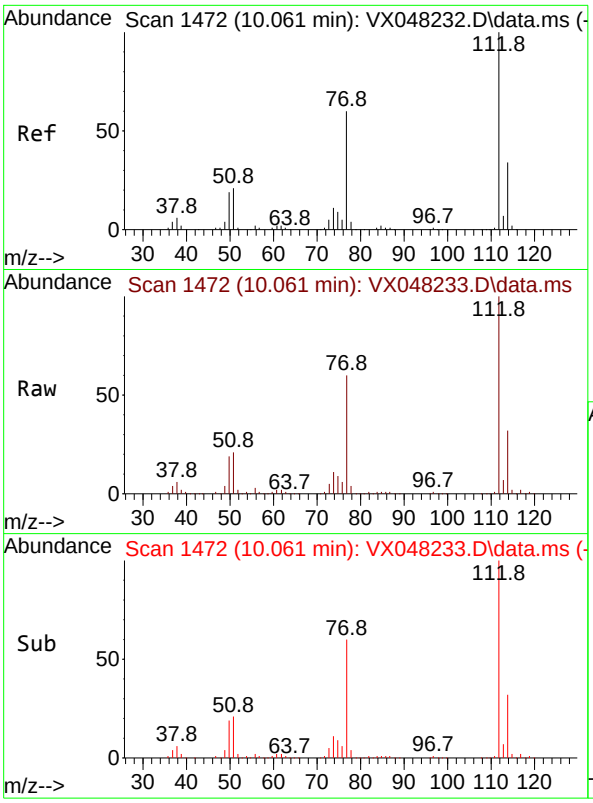



#64
Tetrachloroethene
Concen: 105.633 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:164 Resp: 121163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.5 | 104.5 | 156.7 |
| 129 | 100.1 | 81.8 | 122.6 |
| 131 | 93.6 | 77.0 | 115.6 |

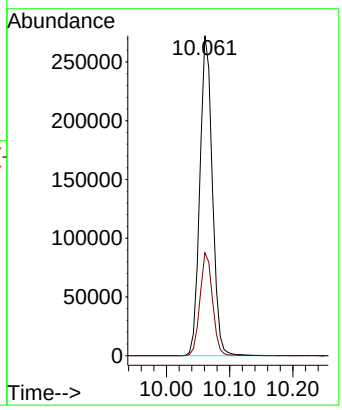





#65
Chlorobenzene
Concen: 104.990 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:112 Resp: 37553

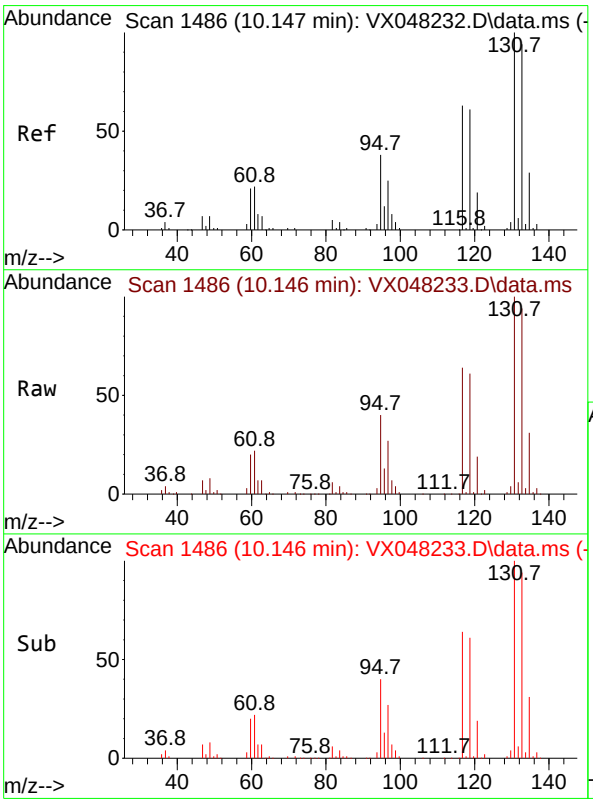
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

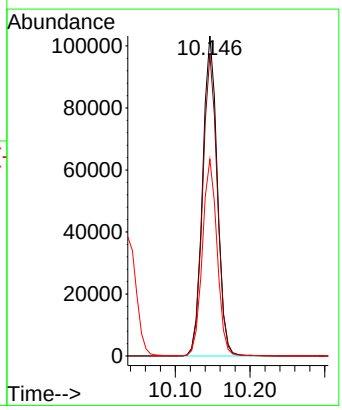
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

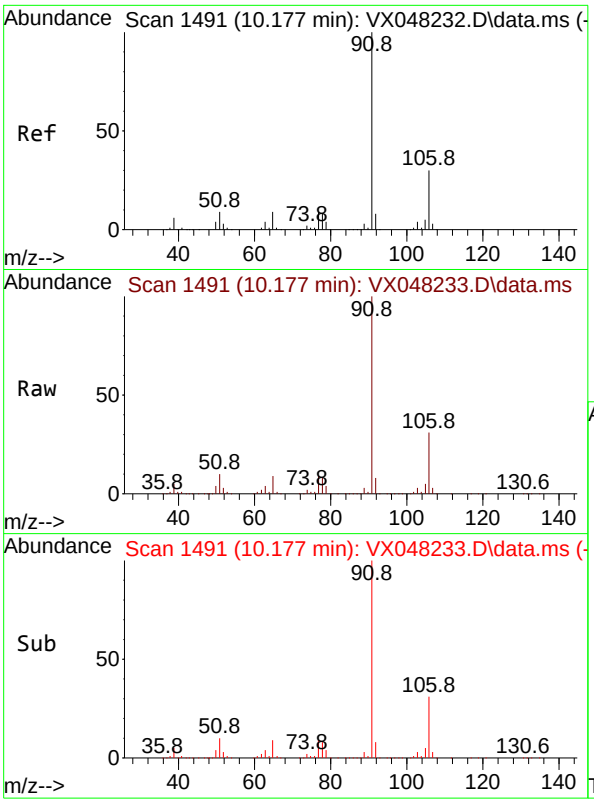



#66
1,1,1,2-Tetrachloroethane
Concen: 109.080 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:131 Resp: 140599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 93.7 | 47.6 | 142.8 |
| 119 | 61.6 | 32.5 | 97.5 |

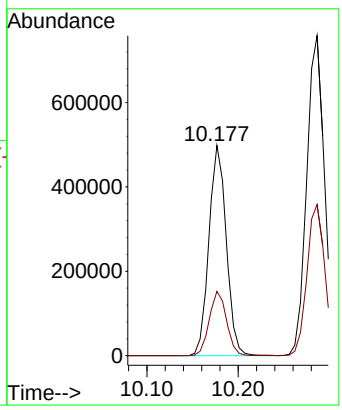





#67
Ethyl Benzene
Concen: 107.128 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 65692

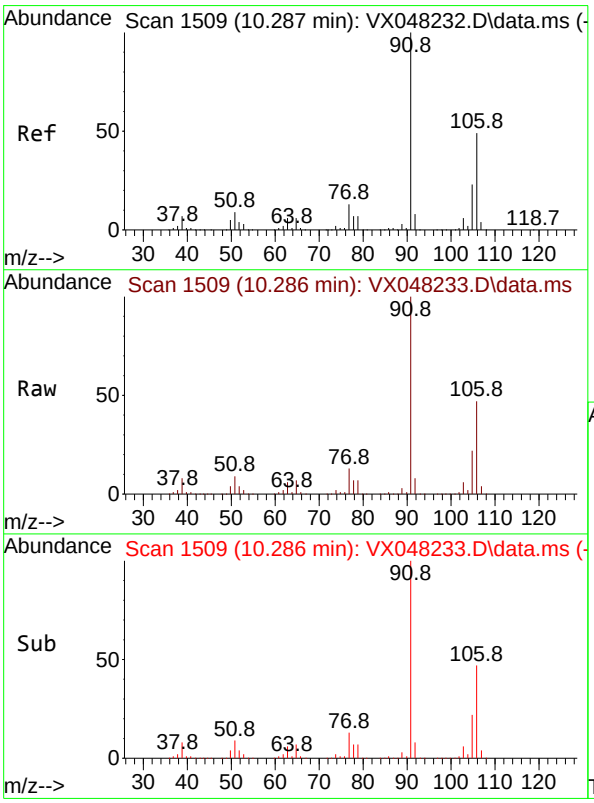
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations**
**APPROVED**

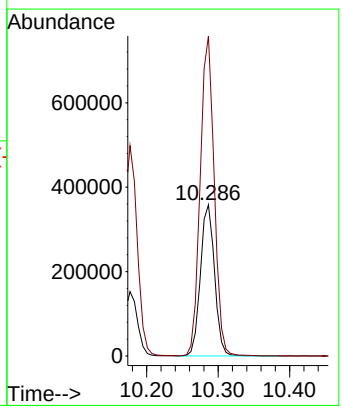
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

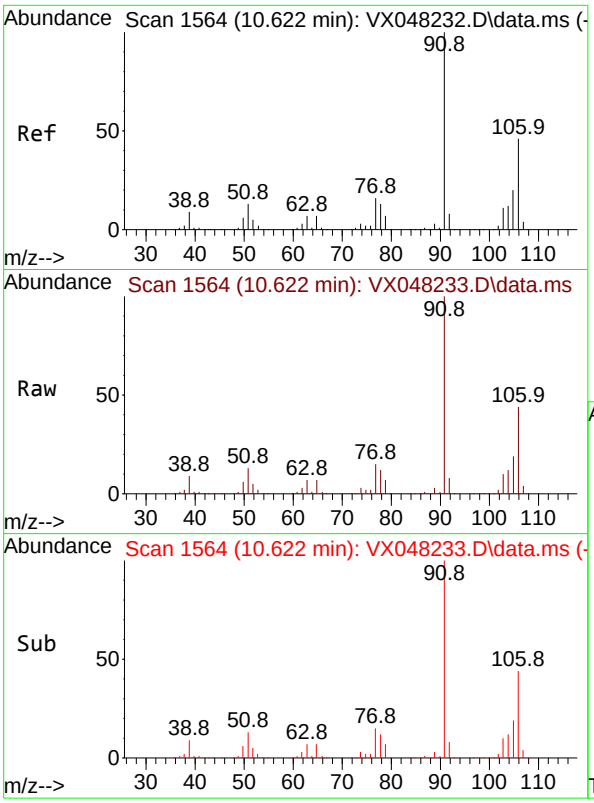



#68
m/p-Xylenes
Concen: 214.875 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:106 Resp: 490879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.5 | 167.9 | 251.9 |

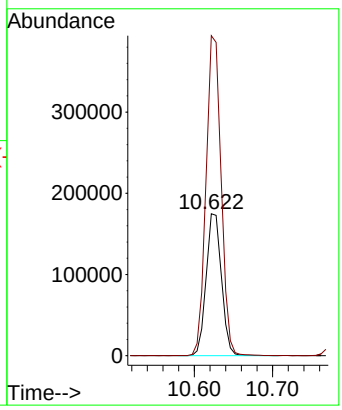





#69
o-Xylene
Concen: 110.042 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:106 Resp: 23664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.9 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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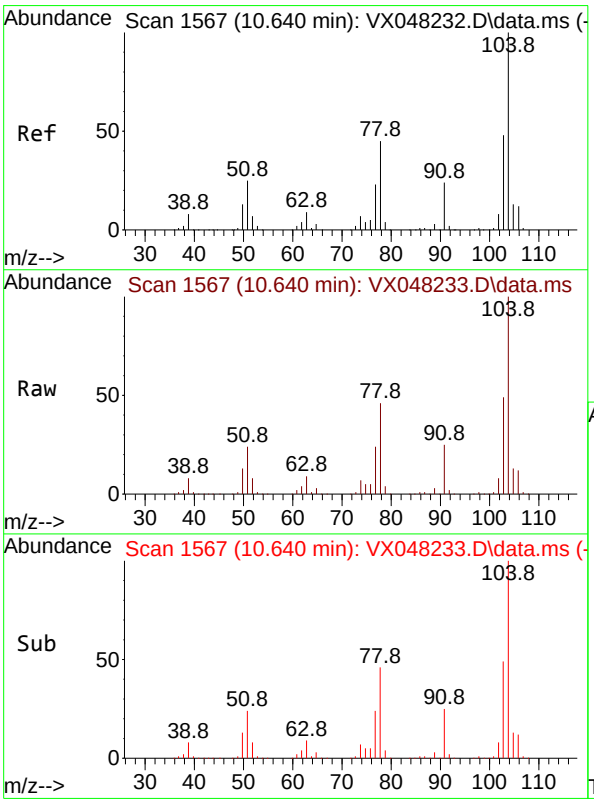
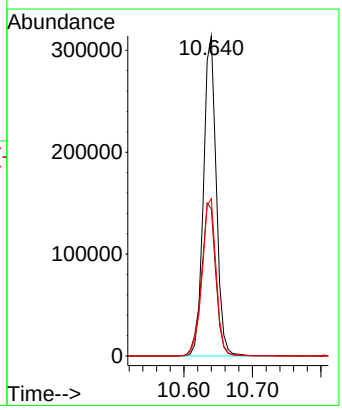
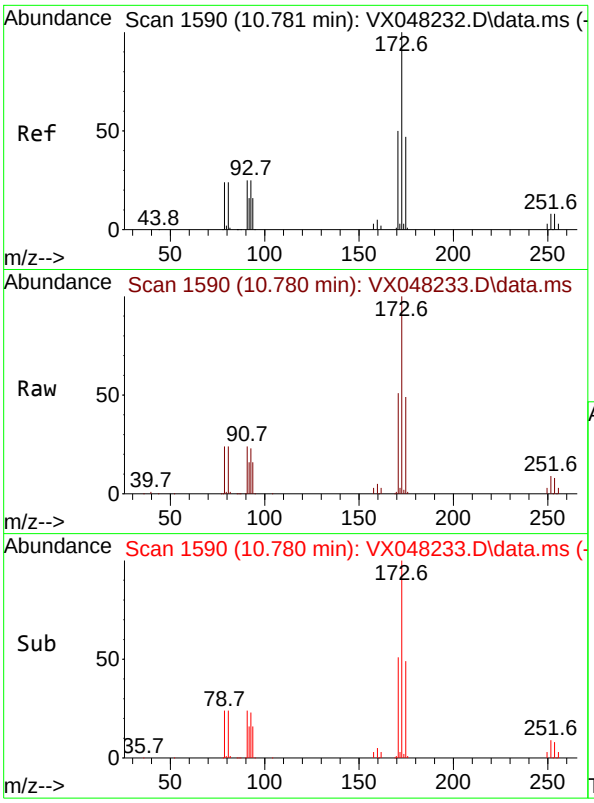



#70
Styrene
Concen: 110.197 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:104 Resp: 407916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.6 | 42.2 | 63.4 |
| 103 | 54.0 | 43.0 | 64.4 |

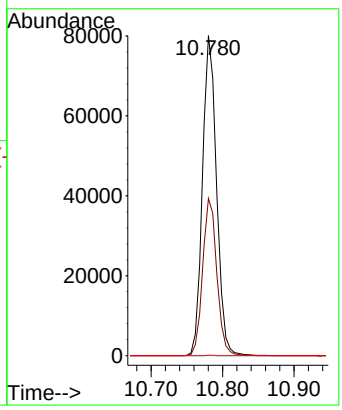





#71
Bromoform
Concen: 115.806 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:173 Resp: 10961

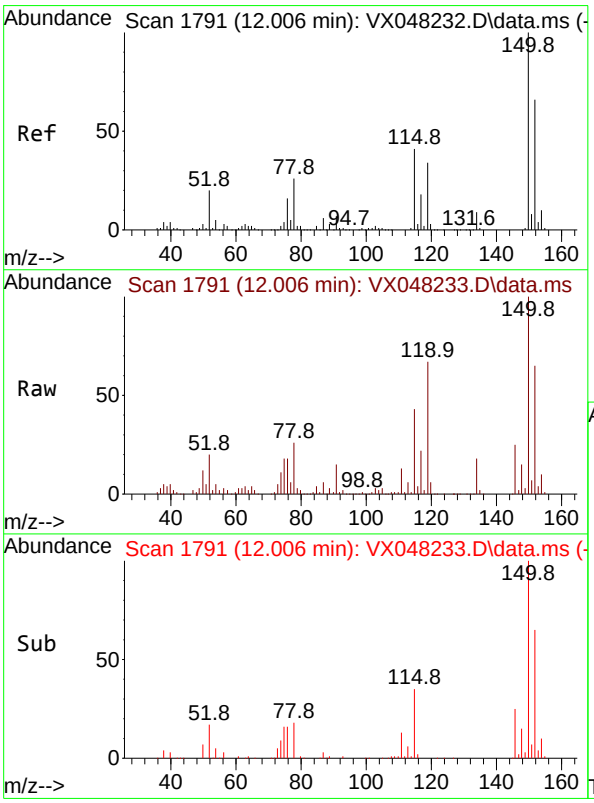
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.4 | 24.0 | 72.0 |
| 254 | 0.1 | 0.0 | 0.0# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

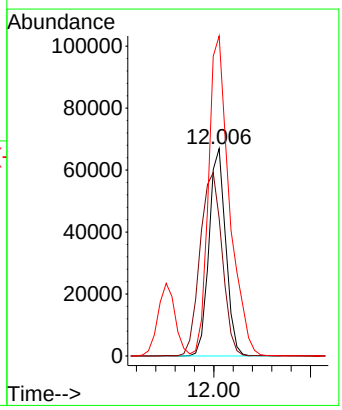
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

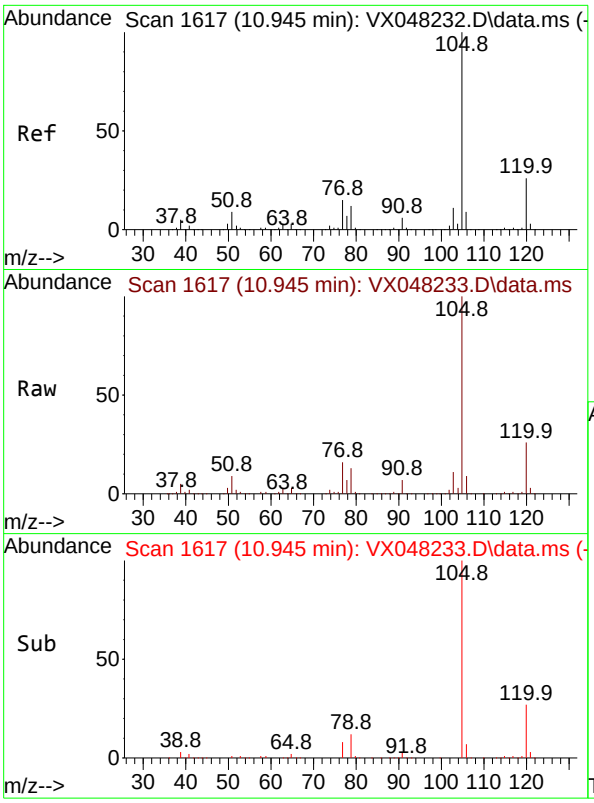



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:152 Resp: 80621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 116.4 | 43.1 | 129.4 |
| 150 | 192.6 | 0.0 | 353.0 |

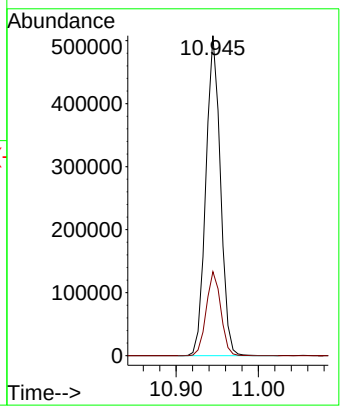





#73
Isopropylbenzene
Concen: 111.418 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 62476

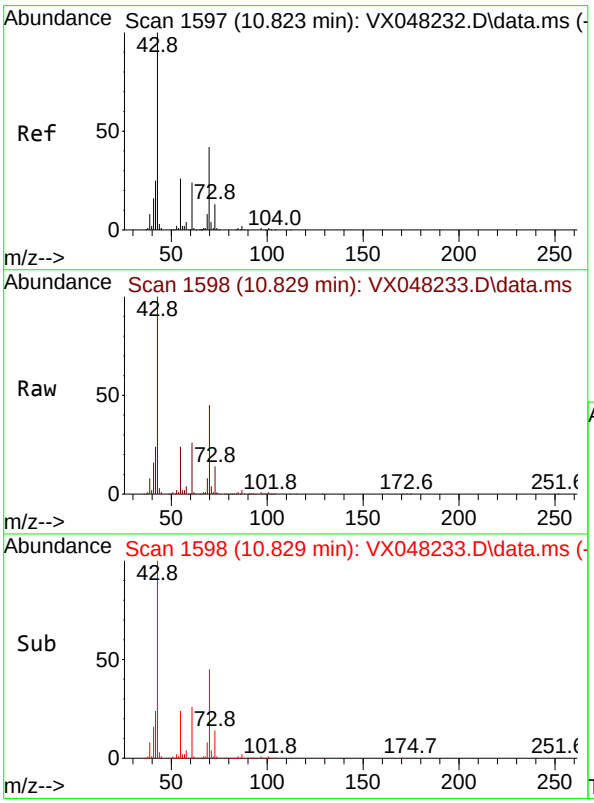
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.2 | 13.0 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

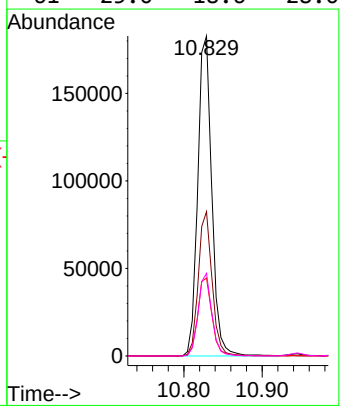
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

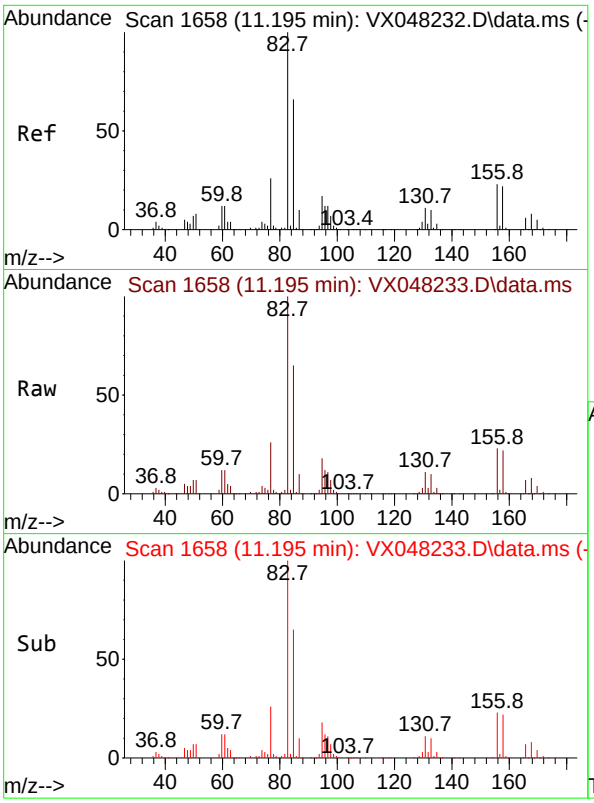



#74
N-amyl acetate
Concen: 109.030 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 228080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.4 | 32.2 | 48.2 |
| 55 | 24.8 | 19.1 | 28.7 |
| 61 | 25.0 | 18.6 | 28.0 |

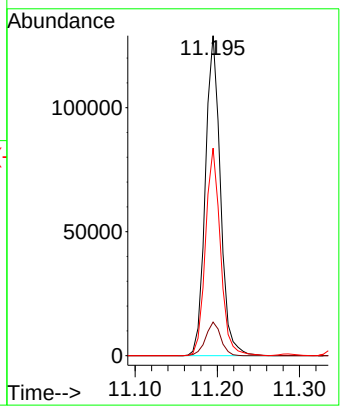





#75
1,1,2,2-Tetrachloroethane
Concen: 103.367 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 16420

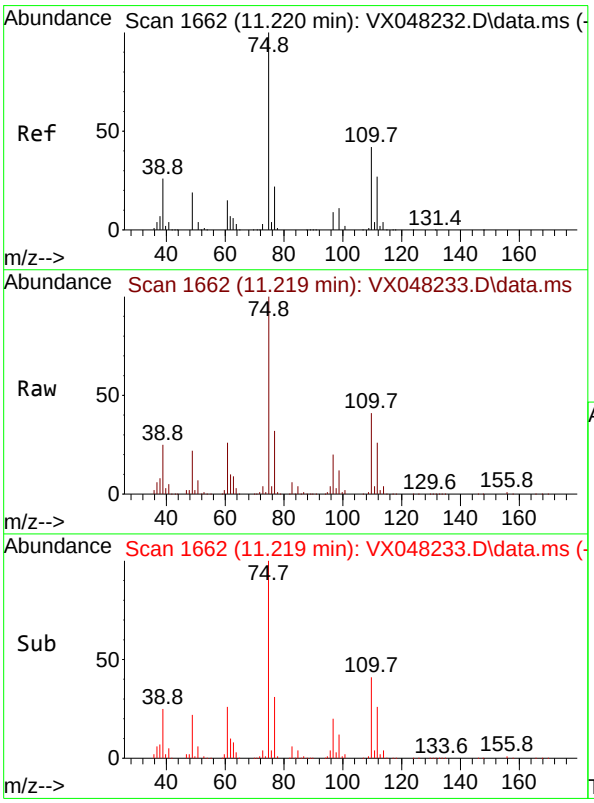
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.6 | 4.8 | 14.4 |
| 85 | 64.4 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

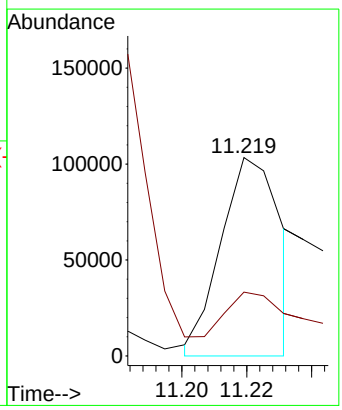
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

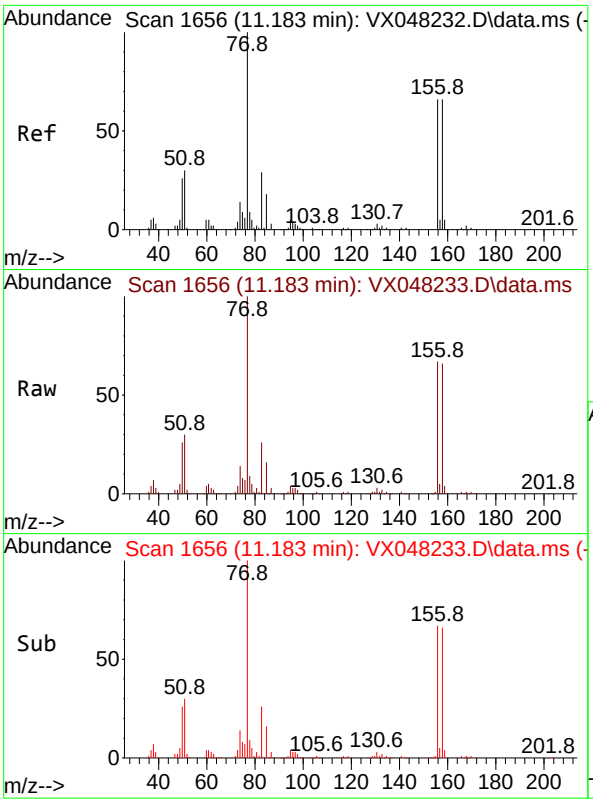



#76
1,2,3-Trichloropropane
Concen: 106.083 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 130599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.0 | 22.4 | 67.2 |






#77
Bromobenzene
Concen: 109.475 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

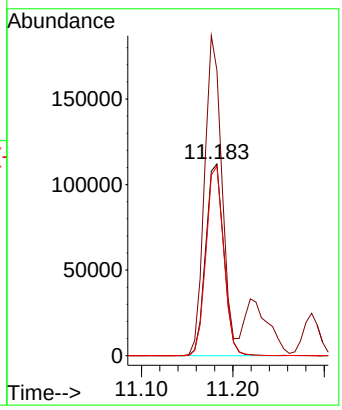
Tgt Ion:156 Resp: 15361

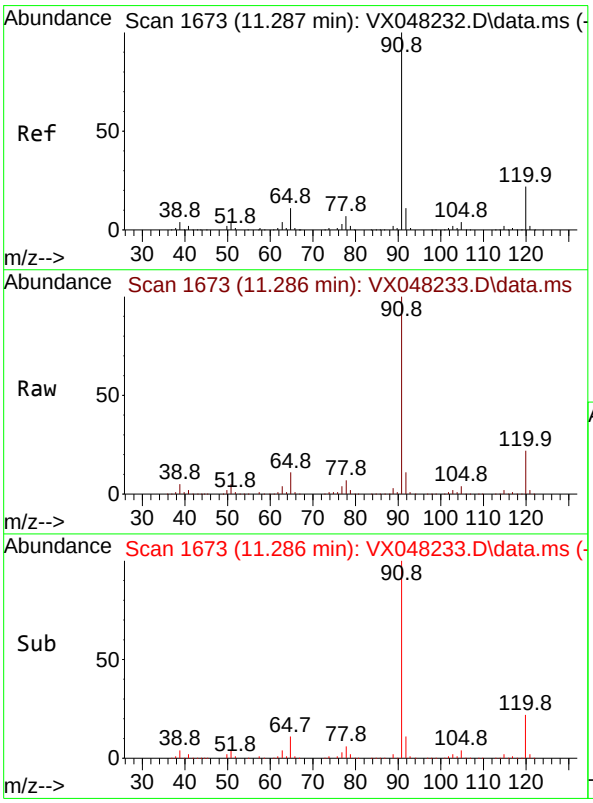
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 159.4 | 87.0 | 261.0 |
| 158 | 96.9 | 47.8 | 143.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

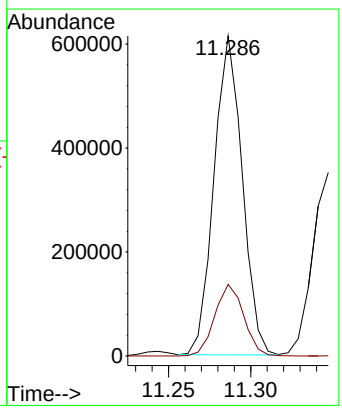


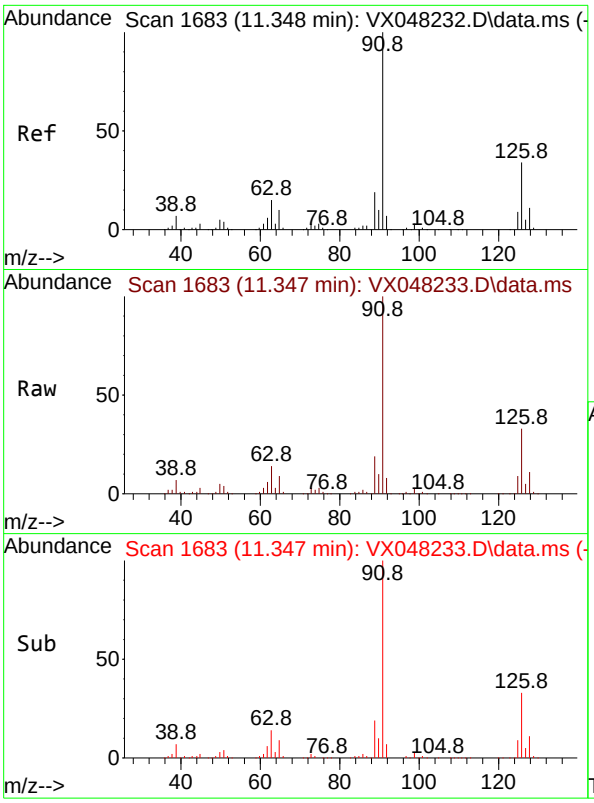




#78
n-propylbenzene
Concen: 107.747 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 732684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.0 | 11.1 | 33.1 |






#79
2-Chlorotoluene
Concen: 105.691 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

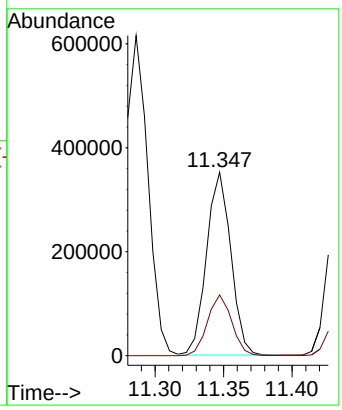
Tgt Ion: 91 Resp: 43421

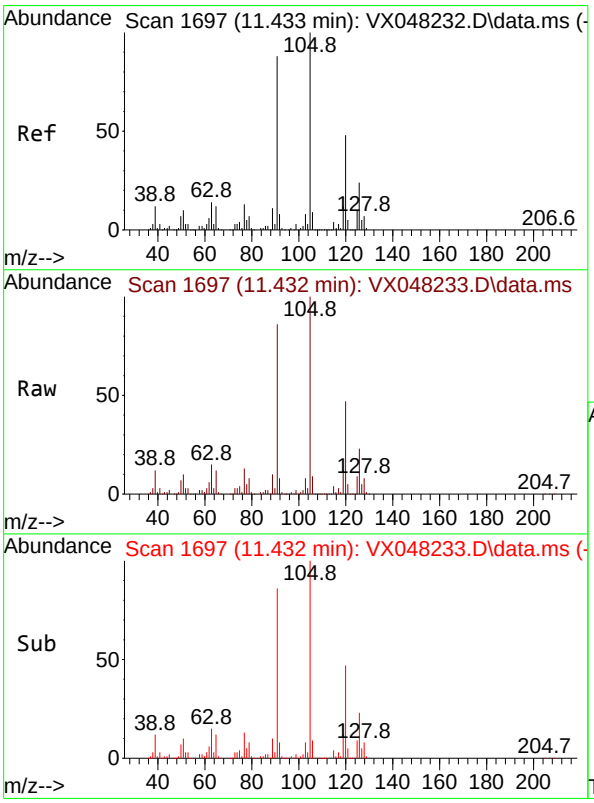
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.2 | 16.4 | 49.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

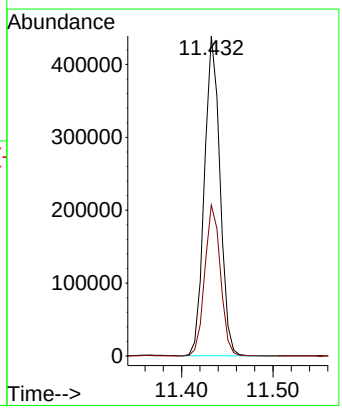


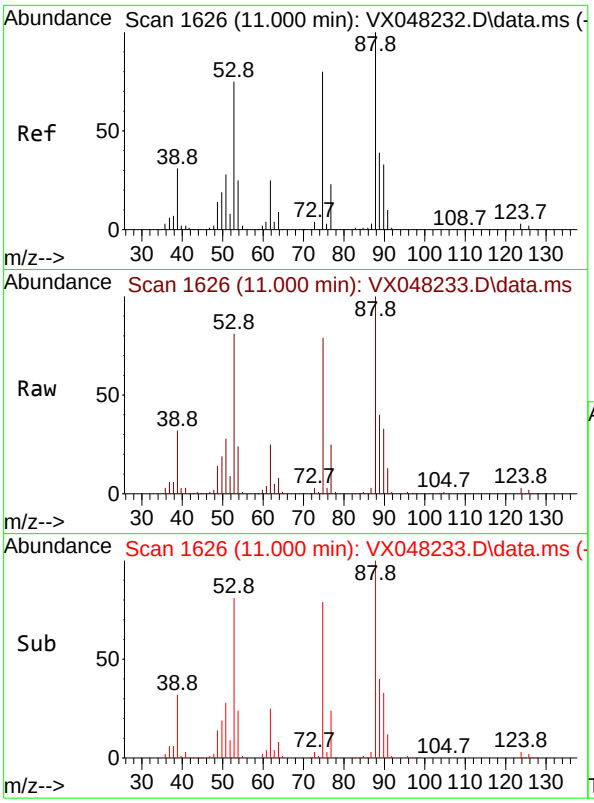




#80
1,3,5-Trimethylbenzene
Concen: 112.876 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 519549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.6 | 24.0 | 72.0 |

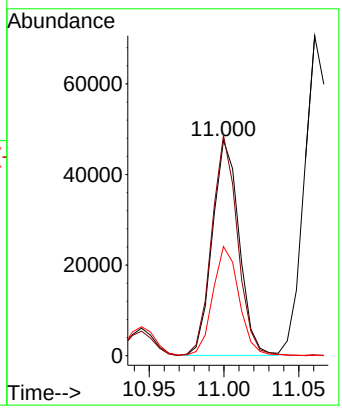





#81
trans-1,4-Dichloro-2-butene
Concen: 117.466 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 5905

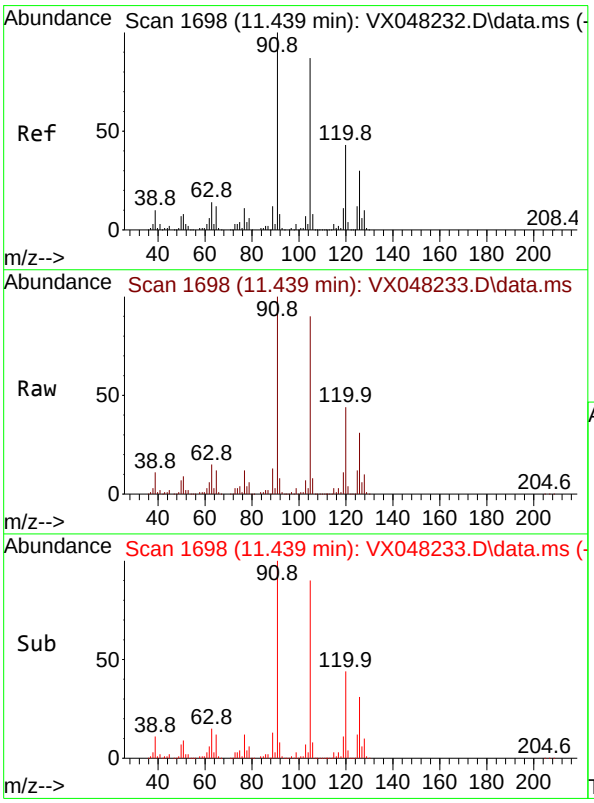
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 98.7 | 79.5 | 119.3 |
| 89 | 49.9 | 36.8 | 55.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

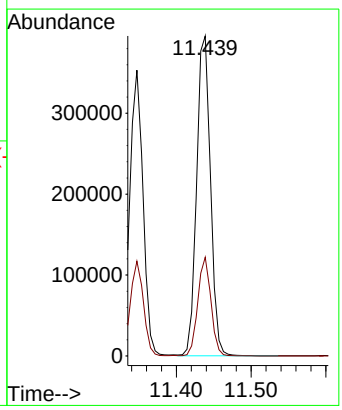
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

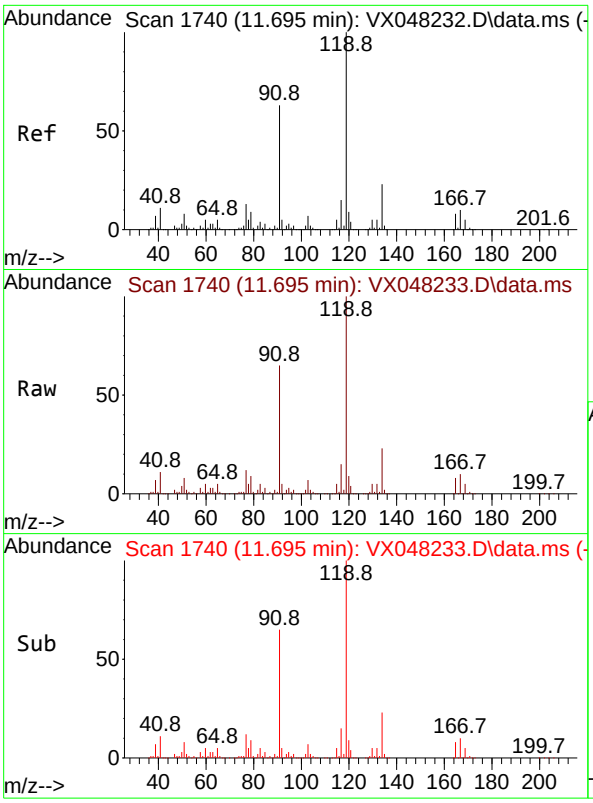



#82
4-Chlorotoluene
Concen: 104.983 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 506861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.5 | 14.1 | 42.4 |

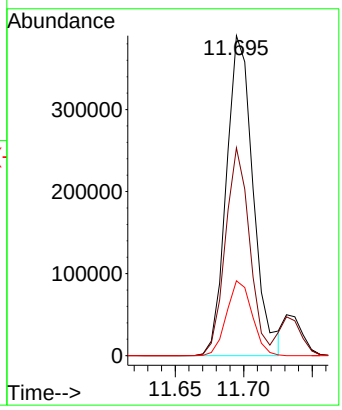





#83
tert-Butylbenzene
Concen: 113.817 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:119 Resp: 52926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.1 | 30.3 | 91.0 |
| 134 | 22.3 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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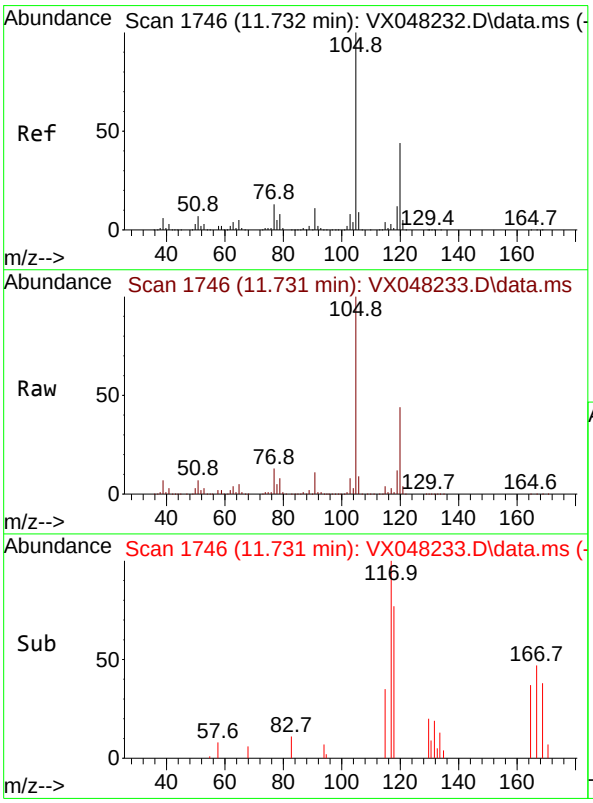
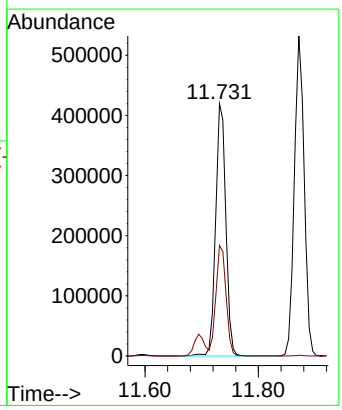
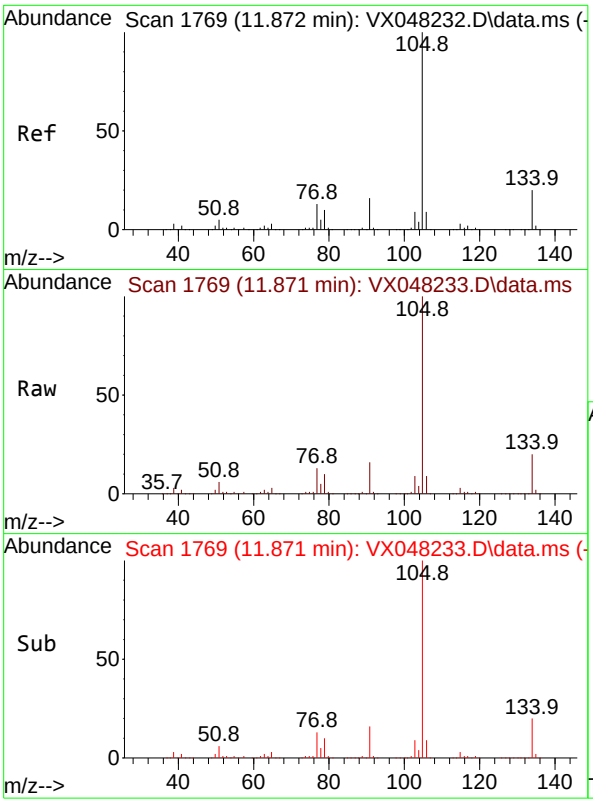



#84
1,2,4-Trimethylbenzene
Concen: 114.214 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 523474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 22.1 | 66.5 |

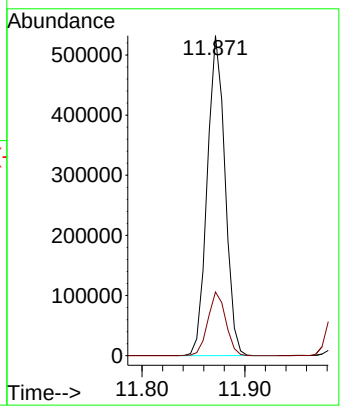





#85
sec-Butylbenzene
Concen: 112.562 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 63990

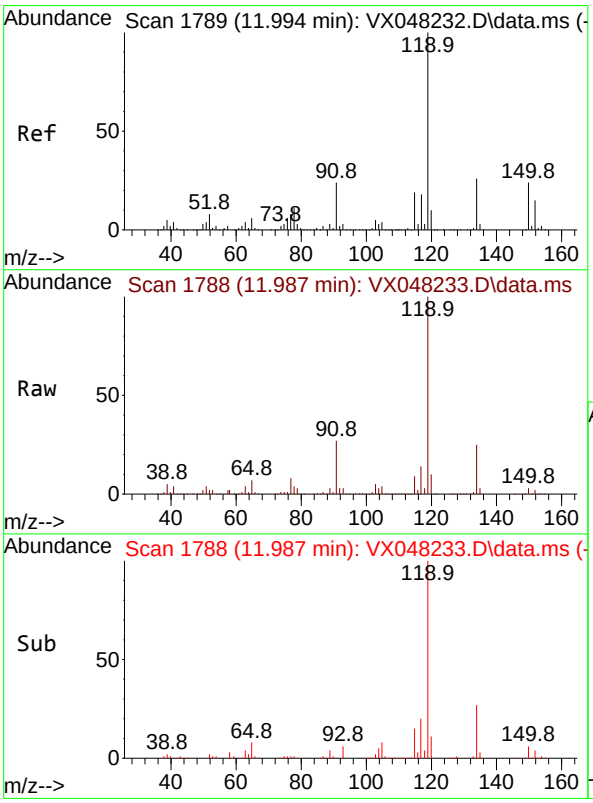
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.1 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

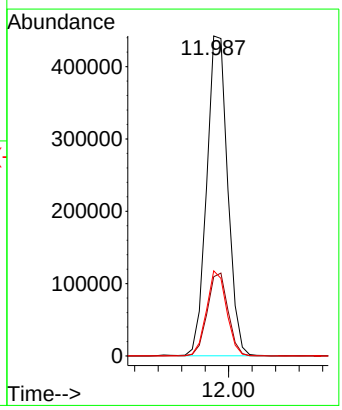
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

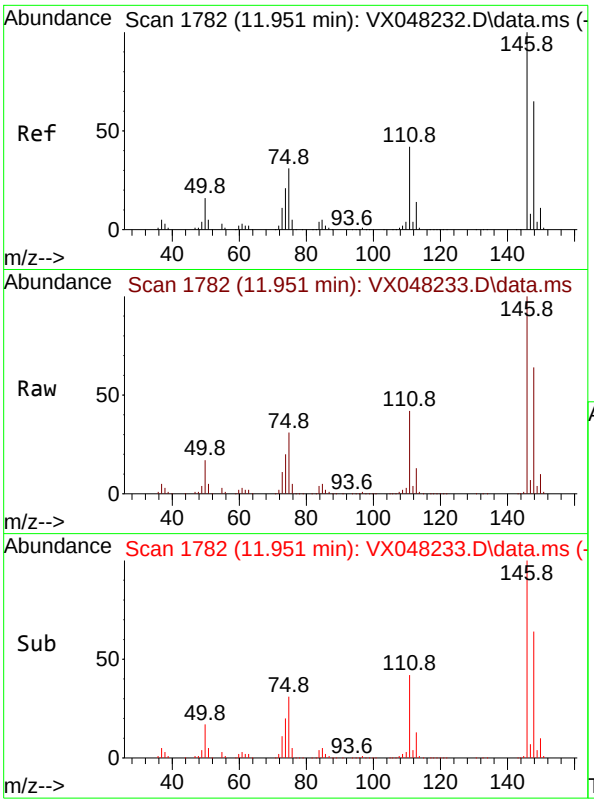



#86
p-Isopropyltoluene
Concen: 114.386 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:119 Resp: 548119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.7 | 13.0 | 39.0 |
| 91 | 25.5 | 12.1 | 36.3 |

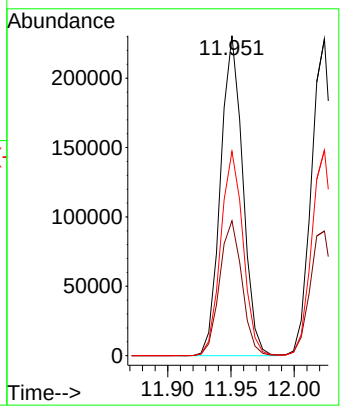





#87
1,3-Dichlorobenzene
Concen: 107.314 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:146 Resp: 28161

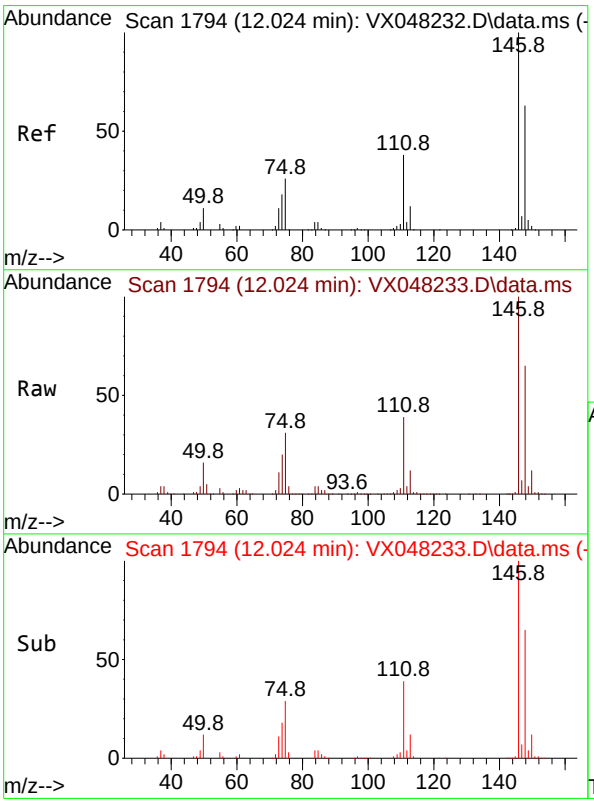
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.4 | 20.4 | 61.2 |
| 148 | 64.2 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

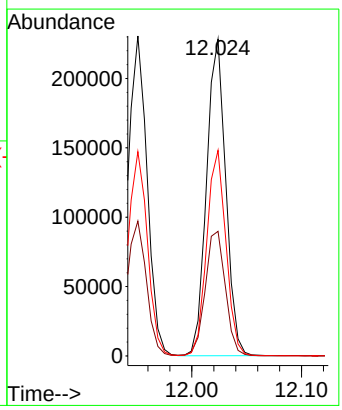
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

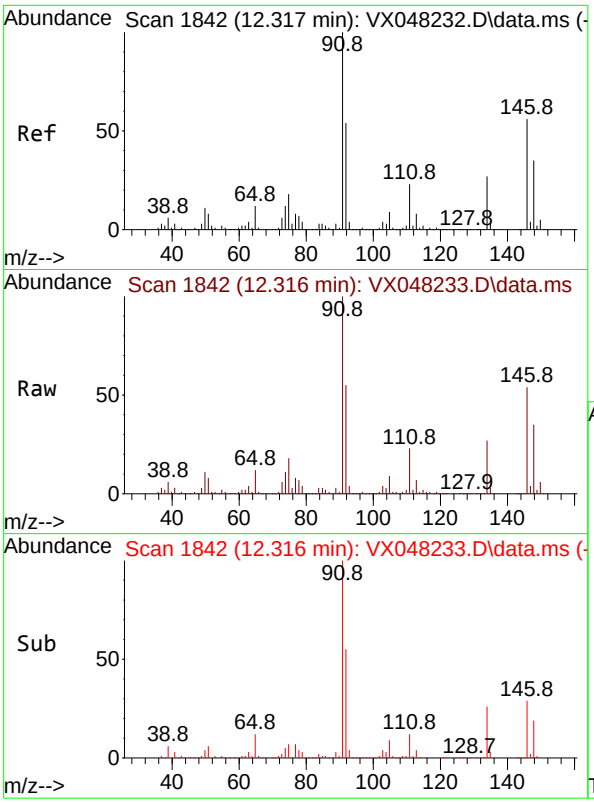



#88
1,4-Dichlorobenzene
Concen: 102.163 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:146 Resp: 277908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.3 | 20.1 | 60.2 |
| 148 | 65.0 | 31.8 | 95.3 |

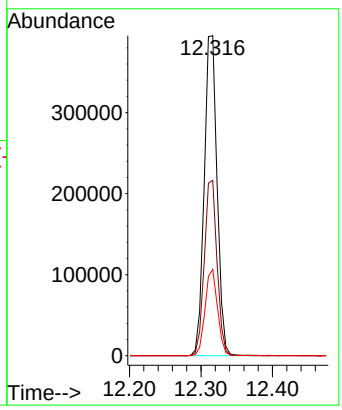





#89
n-Butylbenzene
Concen: 111.016 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 49548

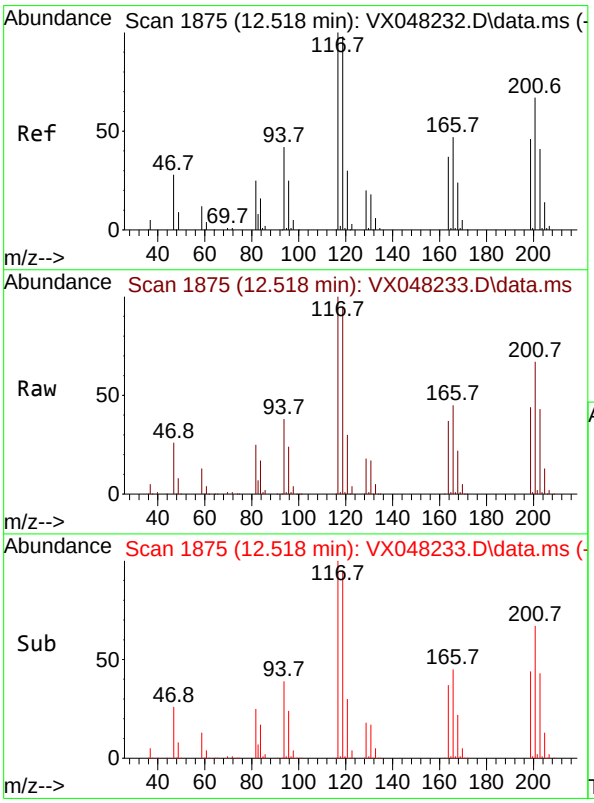
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.3 | 26.9 | 80.6 |
| 134 | 26.1 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations**
**APPROVED**

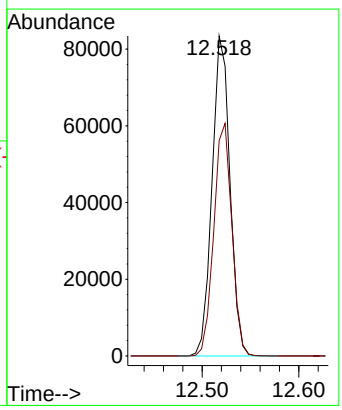
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

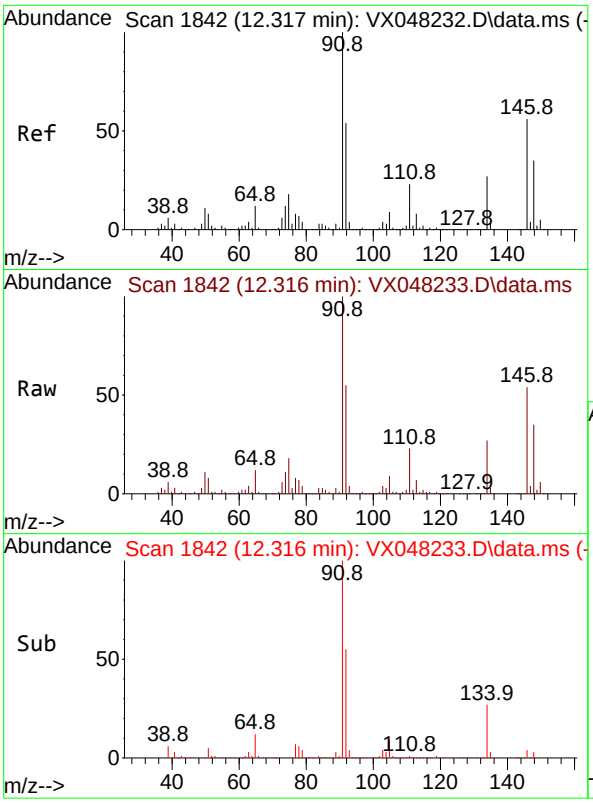



#90
Hexachloroethane
Concen: 105.851 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 107057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 73.5 | 34.1 | 102.2 |

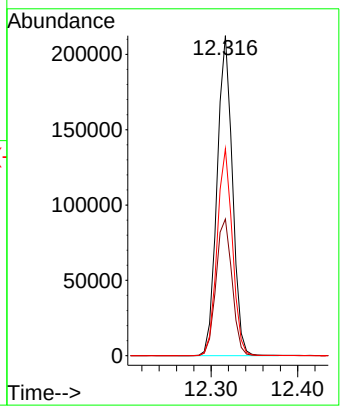





#91
1,2-Dichlorobenzene
Concen: 105.277 ug/l
RT: 12.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:146 Resp: 26102

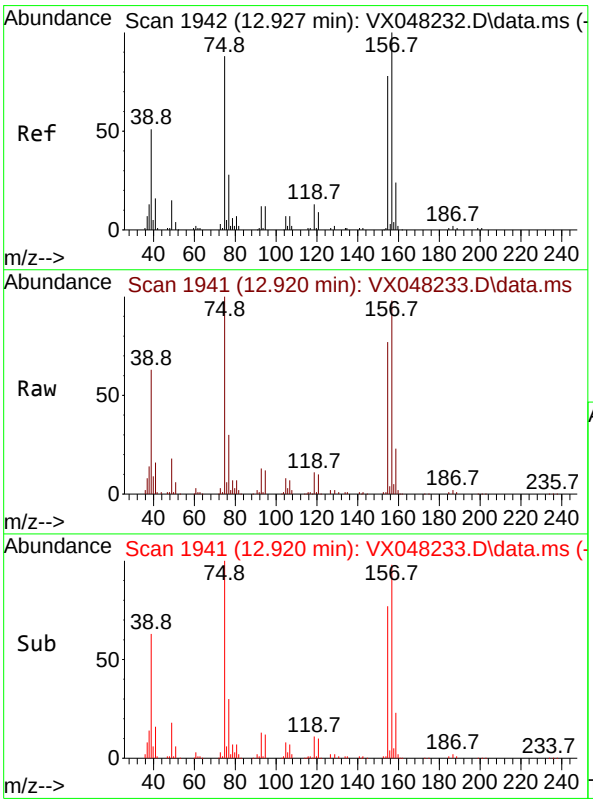
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.7 | 21.9 | 65.5 |
| 148 | 64.5 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

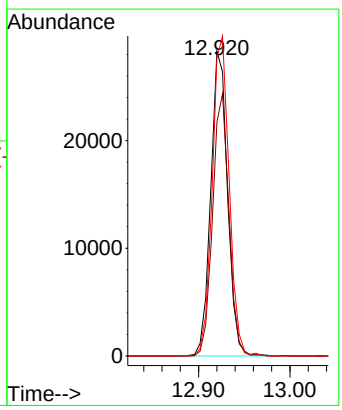
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

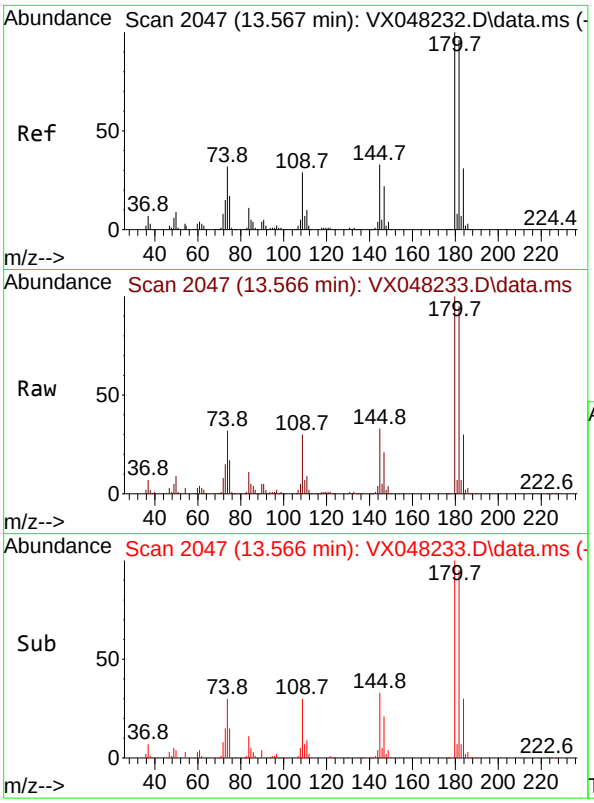



#92
1,2-Dibromo-3-Chloropropane
Concen: 124.320 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 36087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.6 | 42.8 | 128.4 |
| 157 | 105.4 | 54.2 | 162.6 |

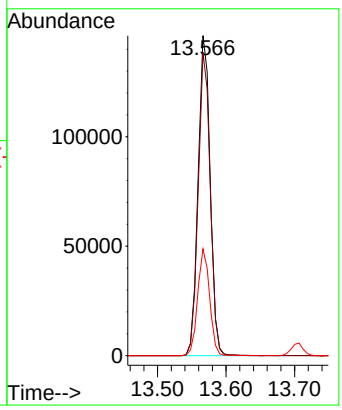





#93
1,2,4-Trichlorobenzene
Concen: 122.679 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:180 Resp: 17956

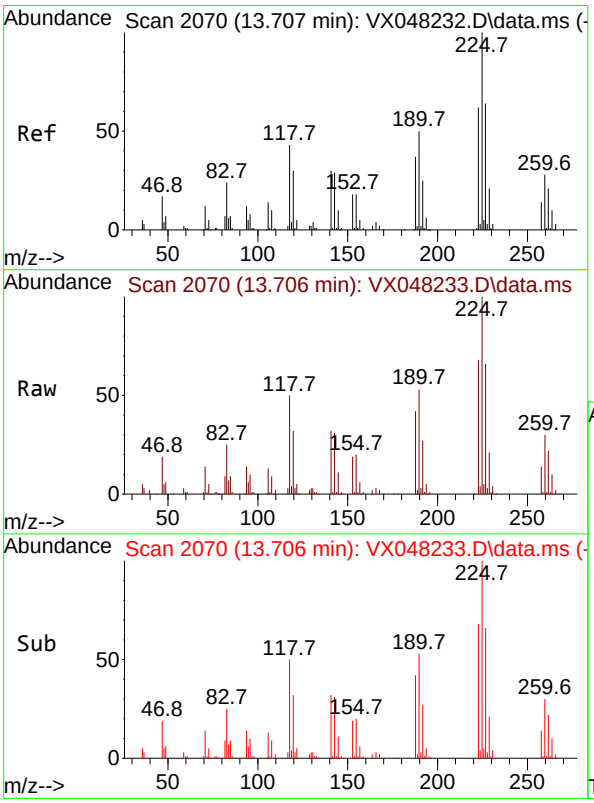
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.4 | 47.3 | 142.0 |
| 145 | 33.0 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

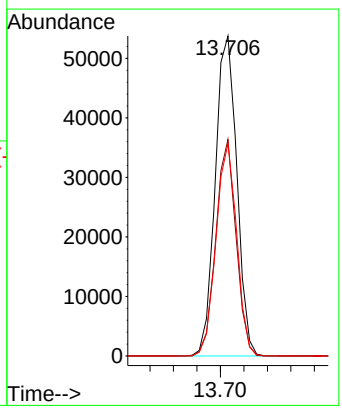
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

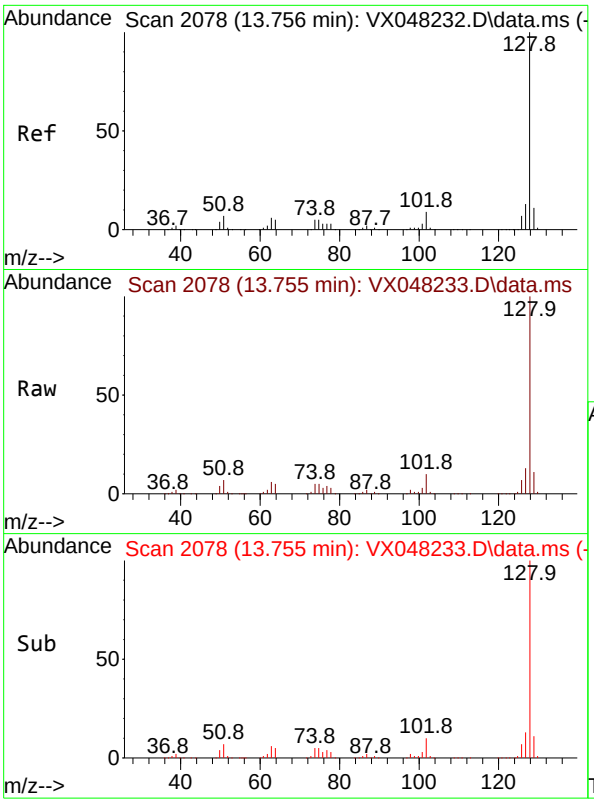



#94
Hexachlorobutadiene
Concen: 121.605 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:225 Resp: 68645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 32.6 | 97.7 |
| 227 | 63.5 | 32.5 | 97.4 |

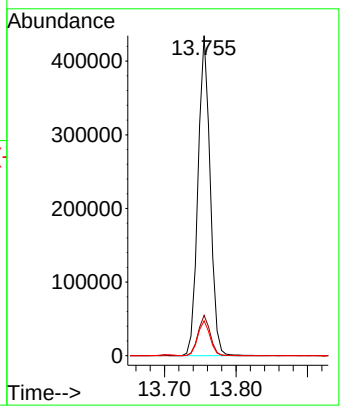





#95
Naphthalene
Concen: 132.536 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:128 Resp: 51135

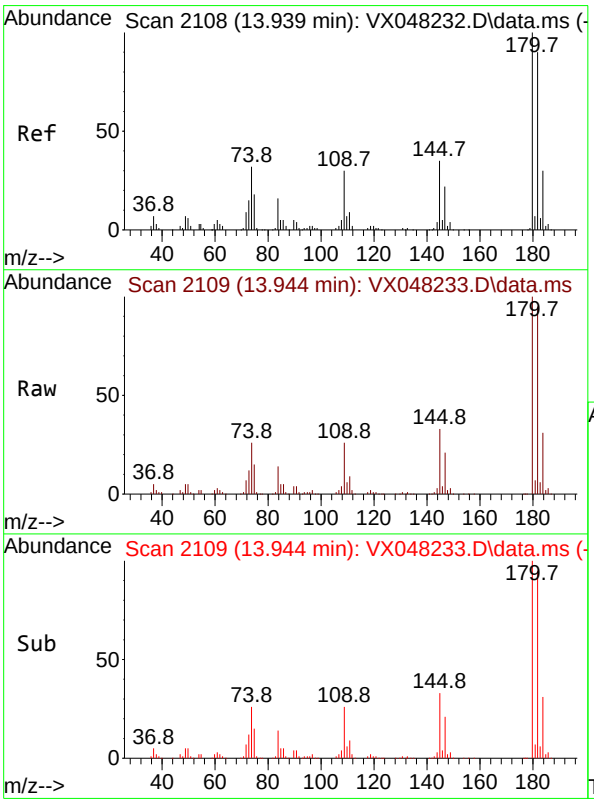
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 10.2 | 15.4 |
| 129 | 10.9 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

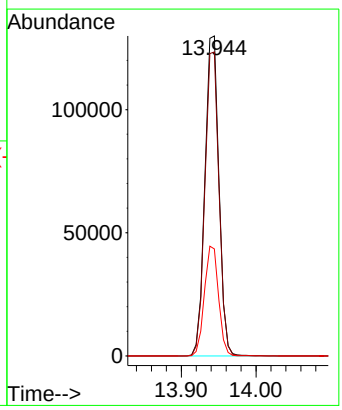
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025




#96
1,2,3-Trichlorobenzene
Concen: 125.328 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:180 Resp: 169248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 46.6 | 139.7 |
| 145 | 34.6 | 16.9 | 50.7 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 112063 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.751 | 114 | 180904 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 155759 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 75397 | 50.000 | ug/l | # 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.946 | 65 | 234807 | 135.251 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 270.500%# | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 188821 | 150.393 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 300.780%# | | | |
| 50) Toluene-d8 | 8.635 | 98 | 648652 | 143.408 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 286.820%# | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 239298 | 145.255 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 290.520%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 169514 | 144.124 | ug/l | 95 |
| 3) Chloromethane | 1.301 | 50 | 158322 | 111.112 | ug/l | 99 |
| 4) Vinyl Chloride | 1.380 | 62 | 149708 | 99.710 | ug/l | 99 |
| 5) Bromomethane | 1.605 | 94 | 92946 | 93.091 | ug/l | 97 |
| 6) Chloroethane | 1.685 | 64 | 89813 | 93.997 | ug/l | 96 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 292007 | 123.905 | ug/l | 99 |
| 8) Diethyl Ether | 2.136 | 74 | 81474 | 101.352 | ug/l | 88 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 184438 | 138.880 | ug/l | 96 |
| 10) Methyl Iodide | 2.453 | 142 | 249395 | 156.785 | ug/l | 100 |
| 11) Tert butyl alcohol | 2.959 | 59 | 107295 | 931.439 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 178408 | 137.389 | ug/l | 95 |
| 13) Acrolein | 2.239 | 56 | 123365 | 509.584 | ug/l | 99 |
| 14) Allyl chloride | 2.666 | 41 | 293697 | 125.734 | ug/l | 98 |
| 15) Acrylonitrile | 3.062 | 53 | 412892 | 748.019 | ug/l | 100 |
| 16) Acetone | 2.380 | 43 | 347029 | 585.970 | ug/l | 99 |
| 17) Carbon Disulfide | 2.514 | 76 | 515144 | 128.936 | ug/l | 100 |
| 18) Methyl Acetate | 2.697 | 43 | 169402 | 140.438 | ug/l | 93 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 593033 | 151.611 | ug/l | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 190483 | 132.030 | ug/l | 94 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 187495 | 139.566 | ug/l | 98 |
| 22) Diisopropyl ether | 3.757 | 45 | 571951 | 125.048 | ug/l | 93 |
| 23) Vinyl Acetate | 3.715 | 43 | 2367511 | 692.251 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 342500 | 131.992 | ug/l | 99 |
| 25) 2-Butanone | 4.544 | 43 | 487152 | 706.046 | ug/l | 96 |
| 26) 2,2-Dichloropropane | 4.465 | 77 | 310572 | 140.027 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 222359 | 139.465 | ug/l | 98 |
| 28) Bromochloromethane | 4.891 | 49 | 151812 | 126.922 | ug/l | 87 |
| 29) Tetrahydrofuran | 4.989 | 42 | 301745 | 744.697 | ug/l | 94 |
| 30) Chloroform | 5.080 | 83 | 358626 | 131.272 | ug/l | 98 |
| 31) Cyclohexane | 5.464 | 56 | 291302 | 137.199 | ug/l | 91 |
| 32) 1,1,1-Trichloroethane | 5.373 | 97 | 338462 | 150.785 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 249688 | 141.173 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 208614 | 147.588 | ug/l | 97 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 307892 | 151.663 | ug/l | 100 |
| 39) Methylcyclohexane | 7.367 | 83 | 315911 | 158.416 | ug/l | 95 |
| 40) Benzene | 6.025 | 78 | 730908 | 139.172 | ug/l | 97 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.910 | 41 | 115351 | 152.378 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 269245 | 143.093 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.324 | 43 | 361084 | 152.180 | ug/l | | 96 |
| 44) Trichloroethene | 7.110 | 130 | 197244 | 149.022 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 180619 | 135.890 | ug/l | | 99 |
| 46) Dibromomethane | 7.568 | 93 | 135105 | 141.273 | ug/l | | 94 |
| 47) Bromodichloromethane | 7.805 | 83 | 292063 | 141.302 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.677 | 41 | 184354 | 151.780 | ug/l | | 95 |
| 49) 1,4-Dioxane | 7.647 | 88 | 49895 | 4563.512 | ug/l | | 88 |
| 51) 4-Methyl-2-Pentanone | 8.561 | 43 | 983125 | 744.604 | ug/l | | 94 |
| 52) Toluene | 8.702 | 92 | 460742 | 145.964 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 300251 | 155.059 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 317375 | 150.373 | ug/l | | 94 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 169894 | 144.250 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.104 | 69 | 272177 | 169.911 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 293650 | 142.707 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.232 | 63 | 705780 | 858.056 | ug/l | | 95 |
| 59) 2-Hexanone | 9.415 | 43 | 694736 | 752.256 | ug/l | | 96 |
| 60) Dibromochloromethane | 9.506 | 129 | 226642 | 153.740 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 182208 | 150.876 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.263 | 164 | 168581 | 154.361 | ug/l | | 91 |
| 65) Chlorobenzene | 10.061 | 112 | 514967 | 151.209 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 191186 | 155.782 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 898137 | 153.825 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 661019 | 303.896 | ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 320334 | 156.444 | ug/l | | 99 |
| 70) Styrene | 10.640 | 104 | 548149 | 155.523 | ug/l | | 98 |
| 71) Bromoform | 10.781 | 173 | 152209 | 168.892 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 849183 | 161.931 | ug/l | | 100 |
| 74) N-amyl acetate | 10.829 | 43 | 314879 | 160.952 | ug/l | | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 224486 | 151.104 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 181434m | 157.586 | ug/l | | |
| 77) Bromobenzene | 11.183 | 156 | 207212 | 157.899 | ug/l | | 94 |
| 78) n-propylbenzene | 11.287 | 91 | 991960 | 155.984 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 585792 | 152.465 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 699885 | 162.591 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 83158 | 176.858 | ug/l | | 97 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 691903 | 153.240 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.695 | 119 | 717642 | 165.020 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 707074 | 164.961 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 861466 | 162.035 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 738496 | 164.794 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 386062 | 157.307 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 386885 | 152.078 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.311 | 91 | 664071 | 159.098 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 145813 | 154.159 | ug/l | | 94 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 359278 | 154.946 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 50367 | 185.536 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 247472 | 180.791 | ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 92458 | 175.138 | ug/l | | 100 |
| 95) Naphthalene | 13.756 | 128 | 719433 | 199.386 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 233671 | 185.022 | ug/l | | 97 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

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

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

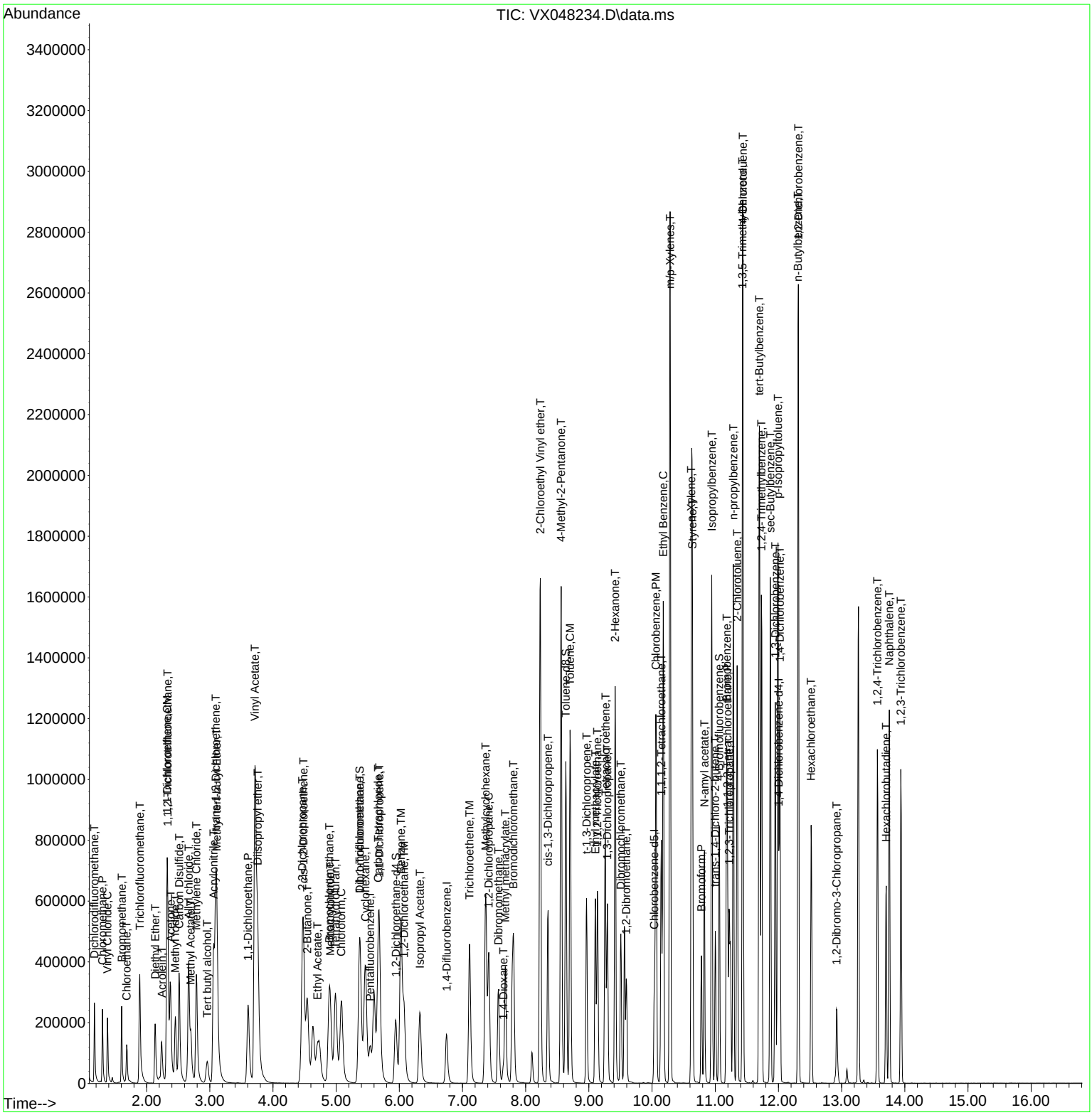
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

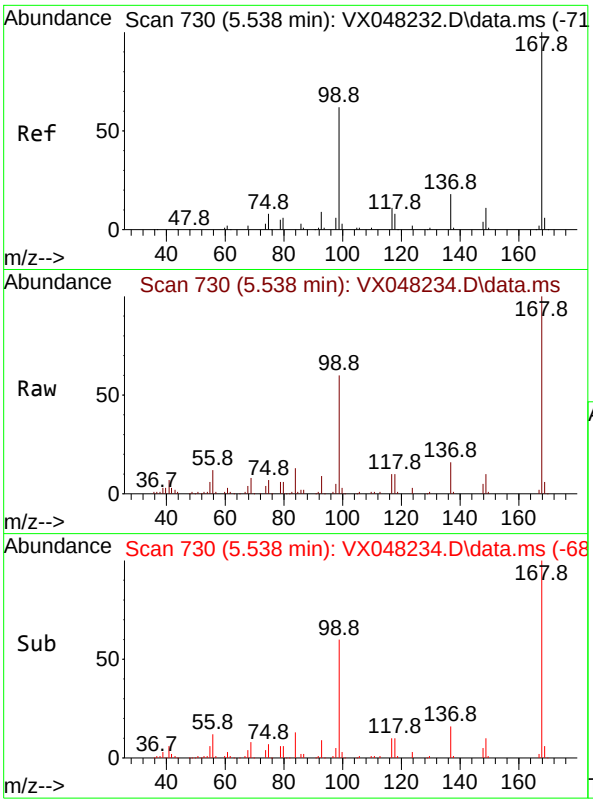
Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

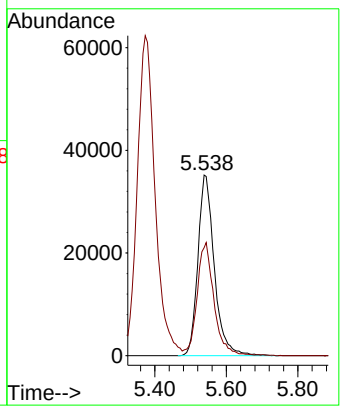





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:168 Resp: 11206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.8 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

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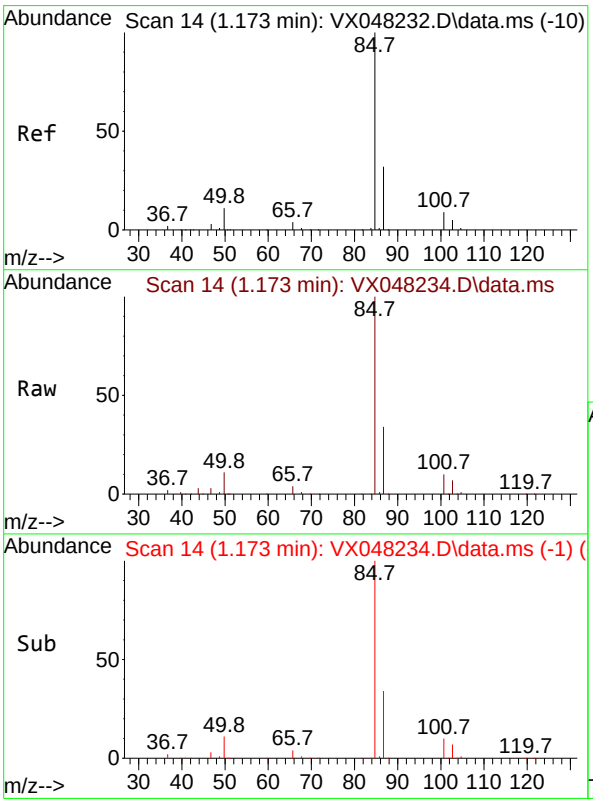
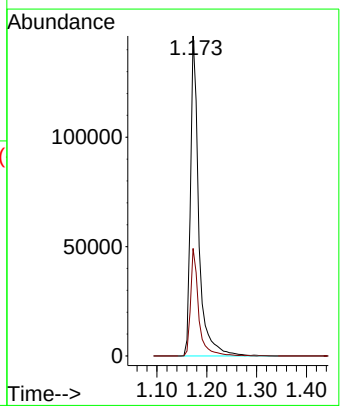
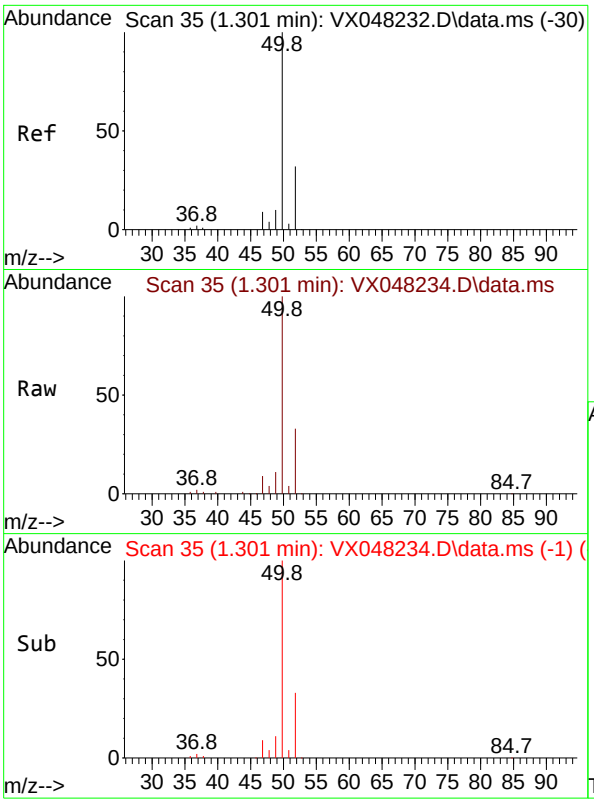



#2
Dichlorodifluoromethane
Concen: 144.124 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 85 Resp: 169514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.6 | 15.3 | 45.9 |

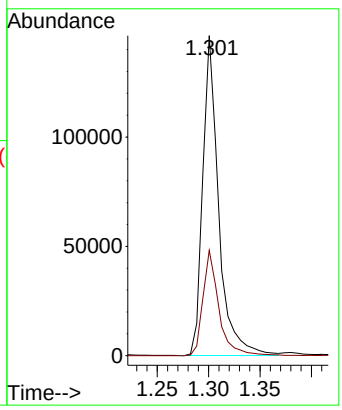





#3
Chloromethane
Concen: 111.112 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 50 Resp: 15832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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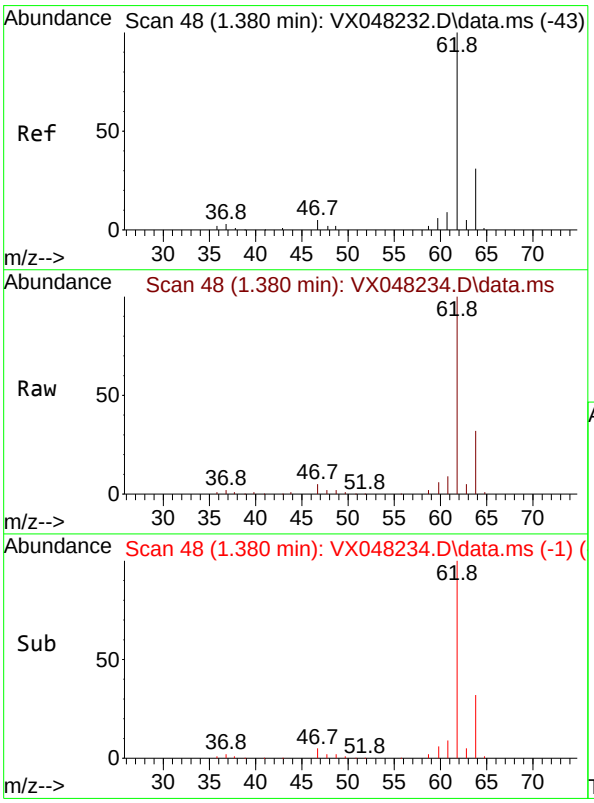
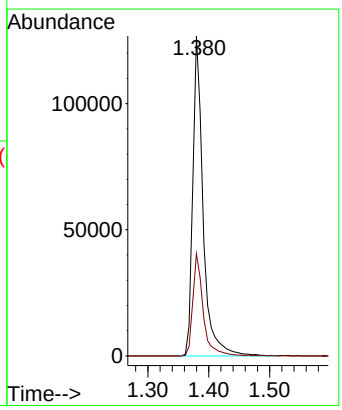
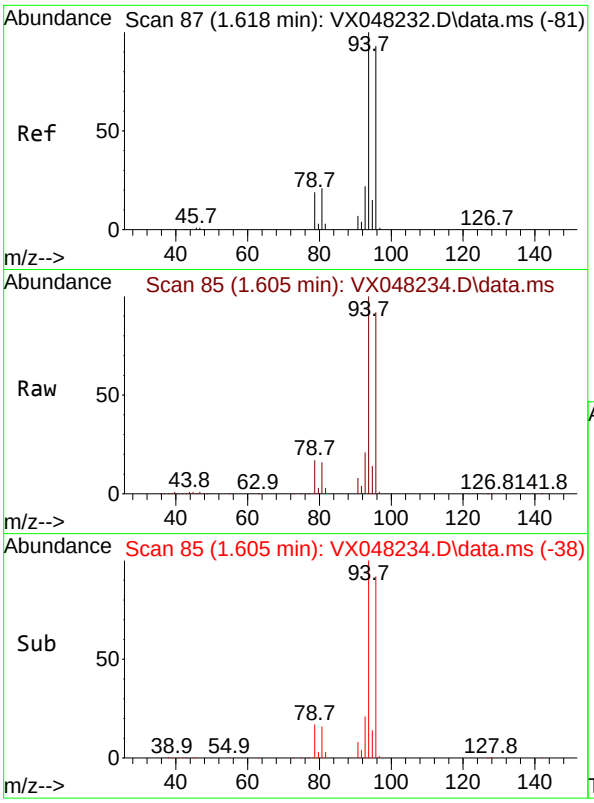



#4
Vinyl Chloride
Concen: 99.710 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 149708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.0 | 25.1 | 37.7 |

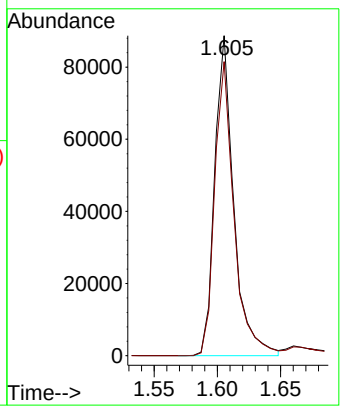





#5
Bromomethane
Concen: 93.091 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 94 Resp: 9294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.9 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations**
**APPROVED**

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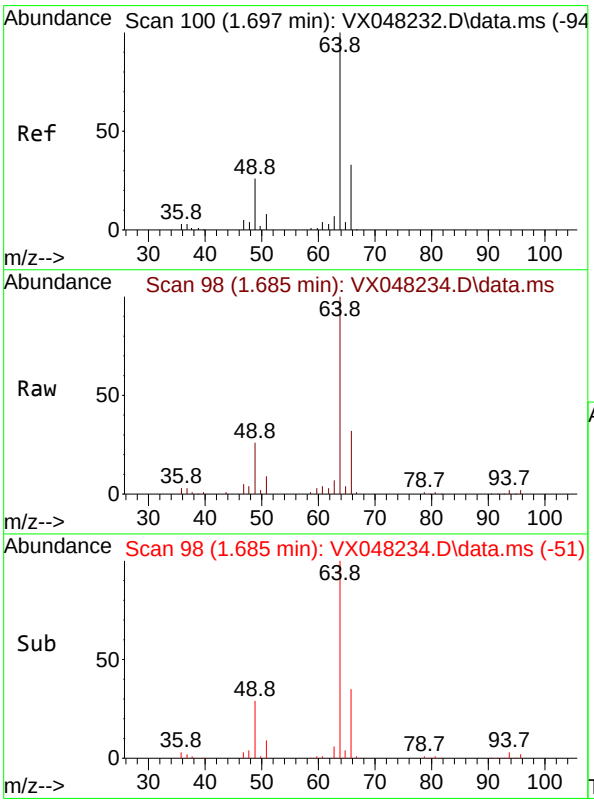
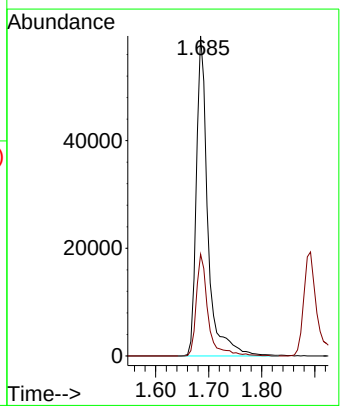
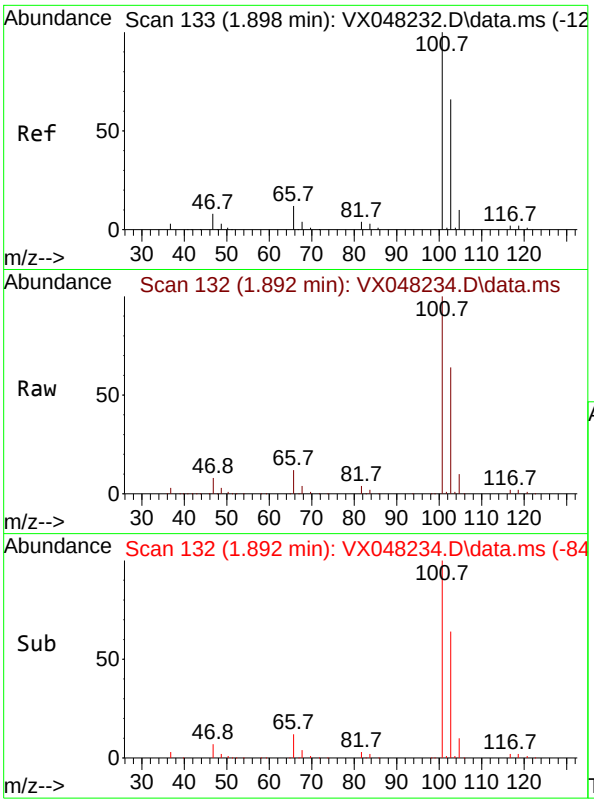



#6
Chloroethane
Concen: 93.997 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 64 Resp: 89813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.8 | 23.9 | 35.9 |

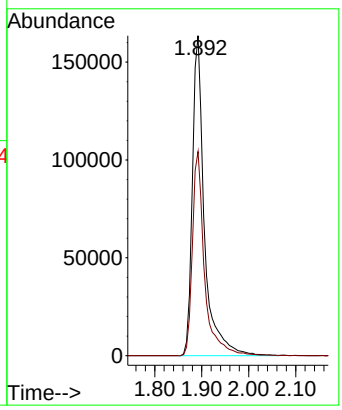





#7
Trichlorofluoromethane
Concen: 123.905 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:101 Resp: 29200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.8 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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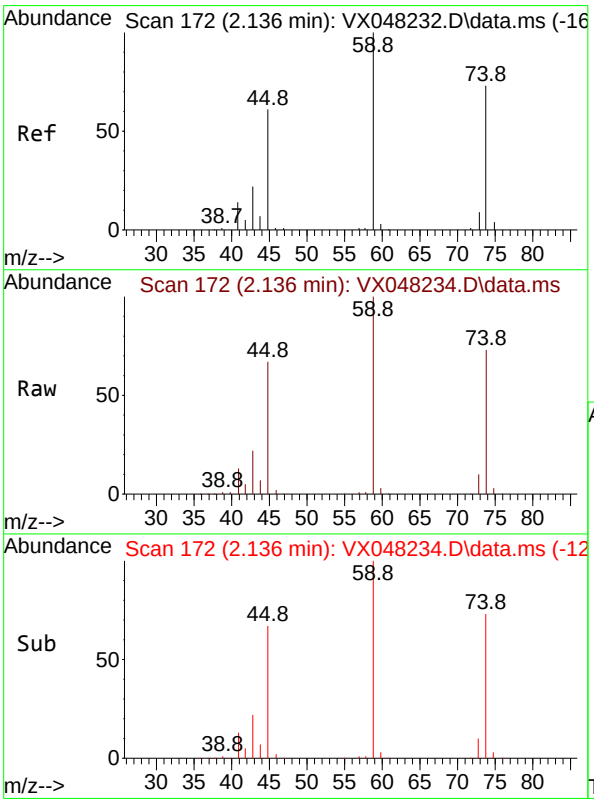
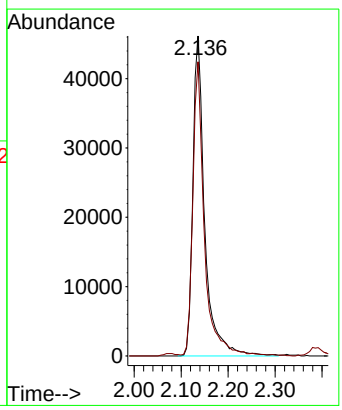
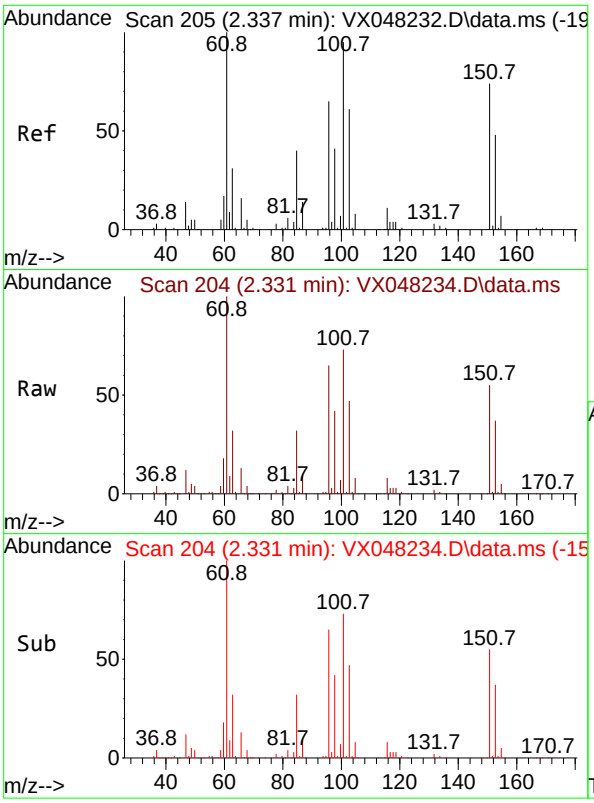



#8
Diethyl Ether
Concen: 101.352 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 74 Resp: 81474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 87.5 | 50.0 | 149.8 |

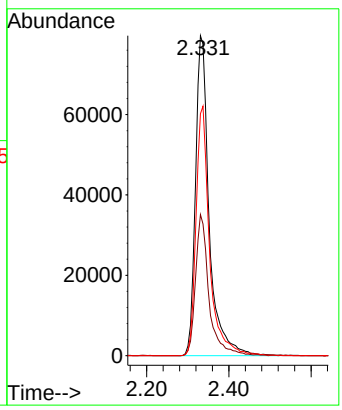





#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.880 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:101 Resp: 18443

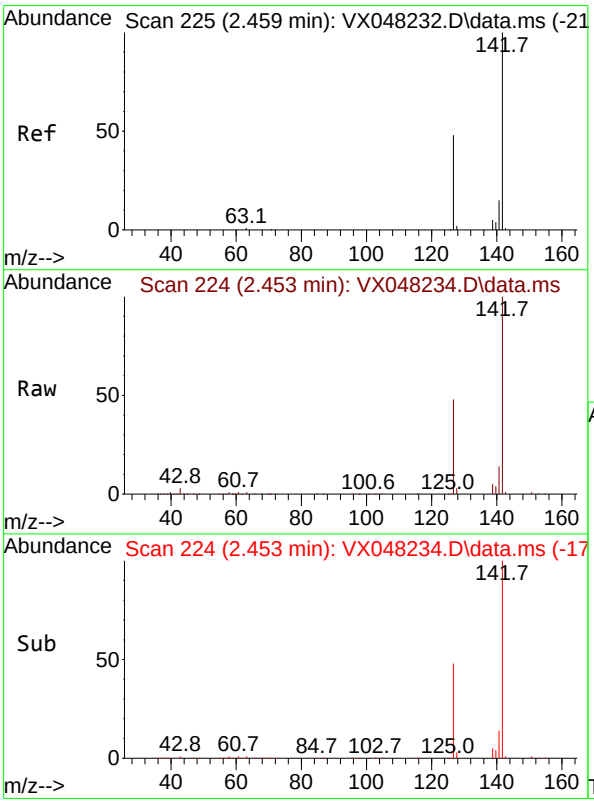
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.3 | 35.6 | 53.4 |
| 151 | 77.4 | 58.0 | 87.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

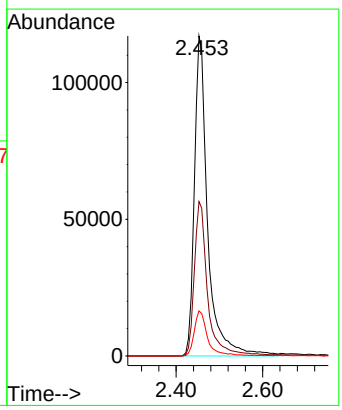
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

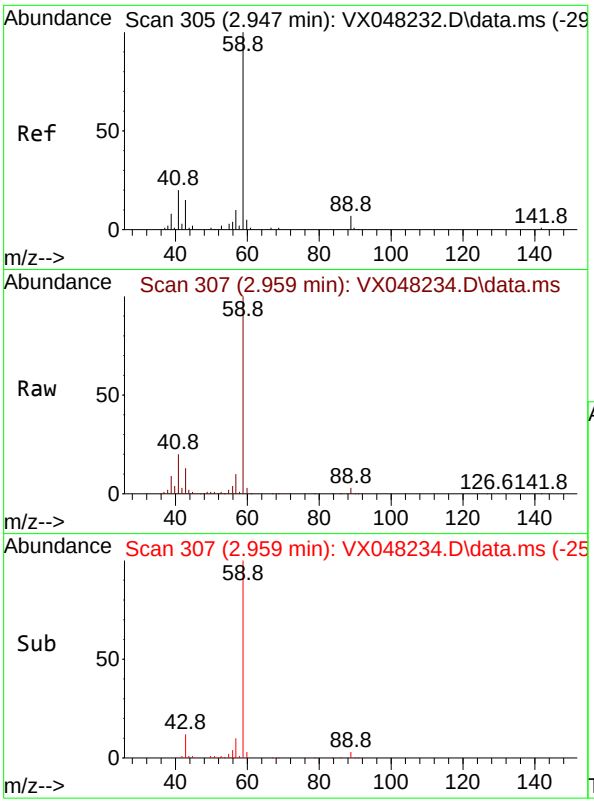



#10
Methyl Iodide
Concen: 156.785 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:142 Resp: 249395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.2 | 38.5 | 57.7 |
| 141 | 14.0 | 11.6 | 17.4 |

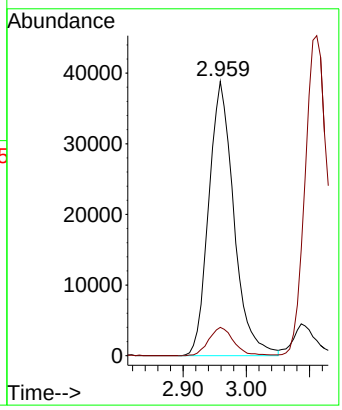





#11
Tert butyl alcohol
Concen: 931.439 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 59 Resp: 10729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 8.2 | 12.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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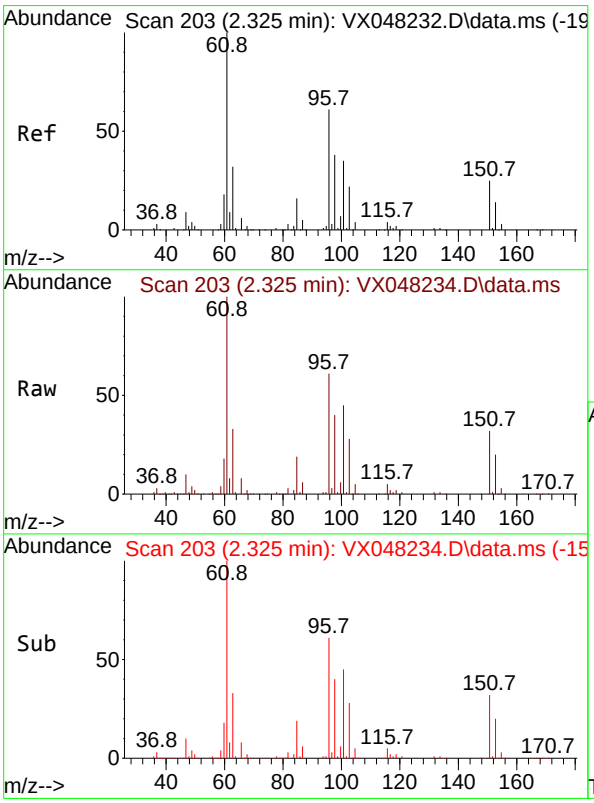
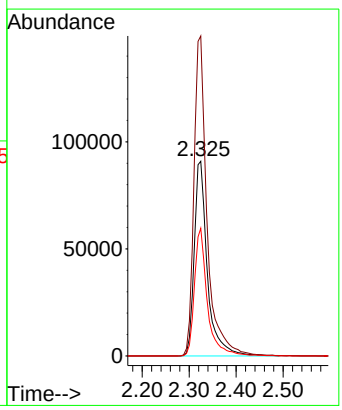
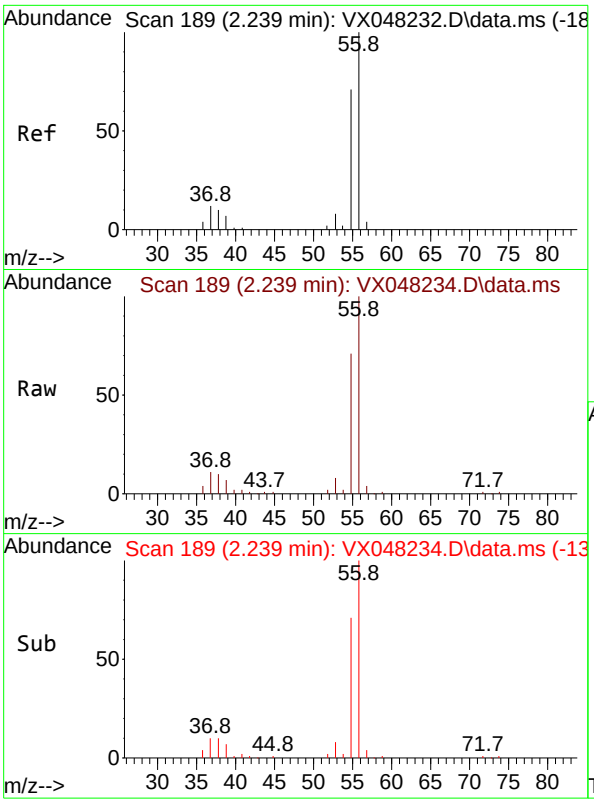



#12
1,1-Dichloroethene
Concen: 137.389 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 96 Resp: 178408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.3 | 139.0 | 208.6 |
| 98 | 65.6 | 52.4 | 78.6 |

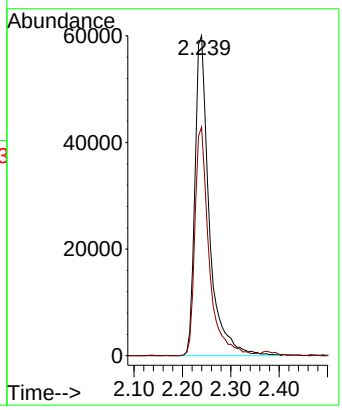





#13
Acrolein
Concen: 509.584 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 56 Resp: 12336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.7 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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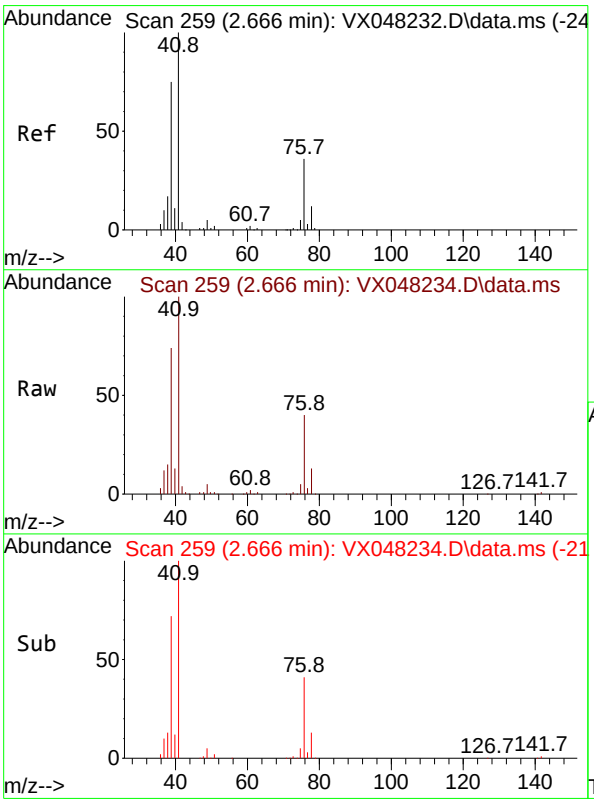
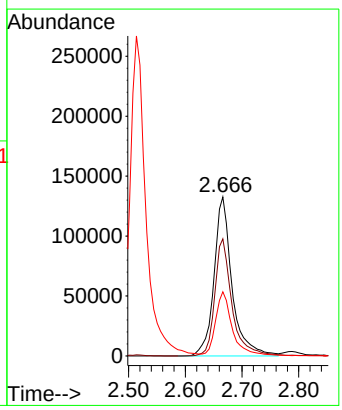
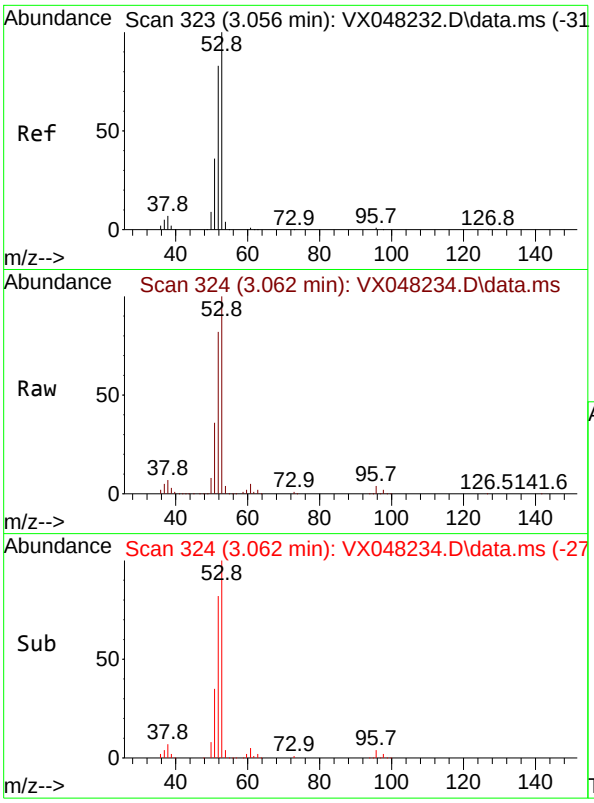



#14
Allyl chloride
Concen: 125.734 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 293697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 70.5 | 56.0 | 84.0 |
| 76 | 37.7 | 27.5 | 41.3 |

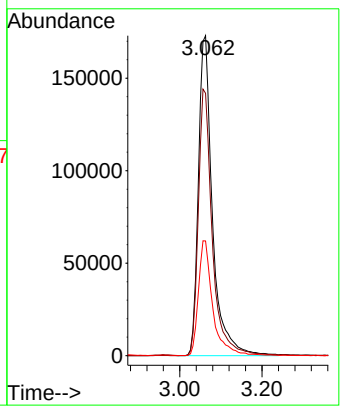





#15
Acrylonitrile
Concen: 748.019 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 53 Resp: 41289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.7 | 66.1 | 99.1 |
| 51 | 36.5 | 29.0 | 43.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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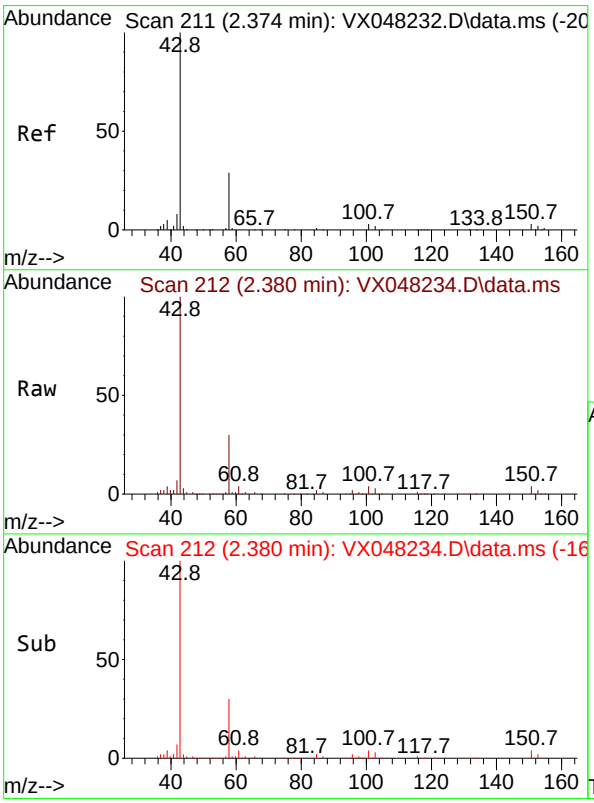
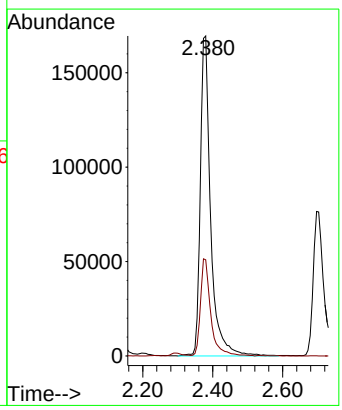
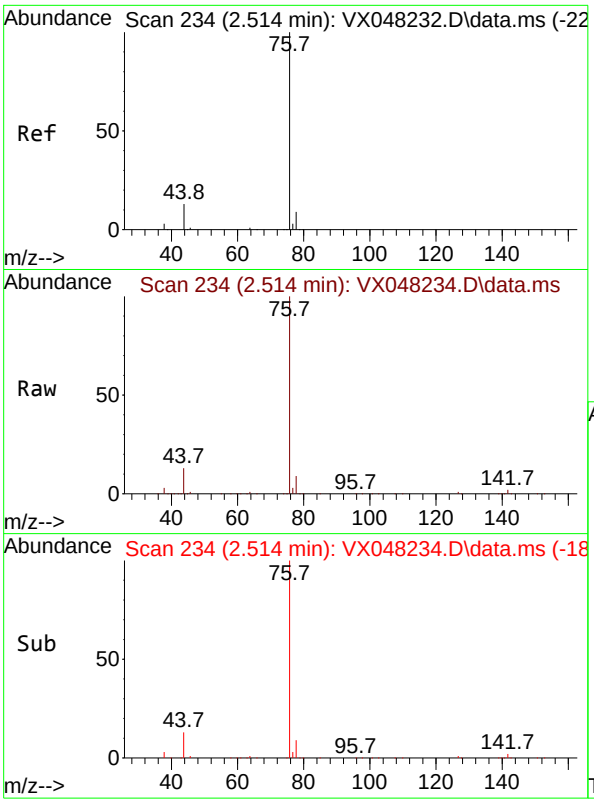



#16
Acetone
Concen: 585.970 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 347029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.0 | 23.4 | 35.2 |

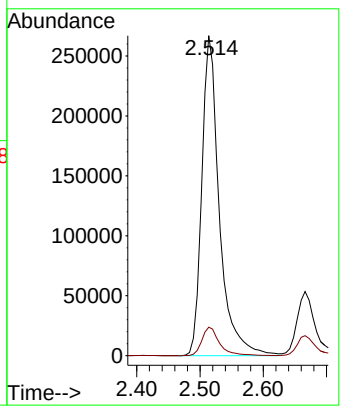





#17
Carbon Disulfide
Concen: 128.936 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 76 Resp: 51514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

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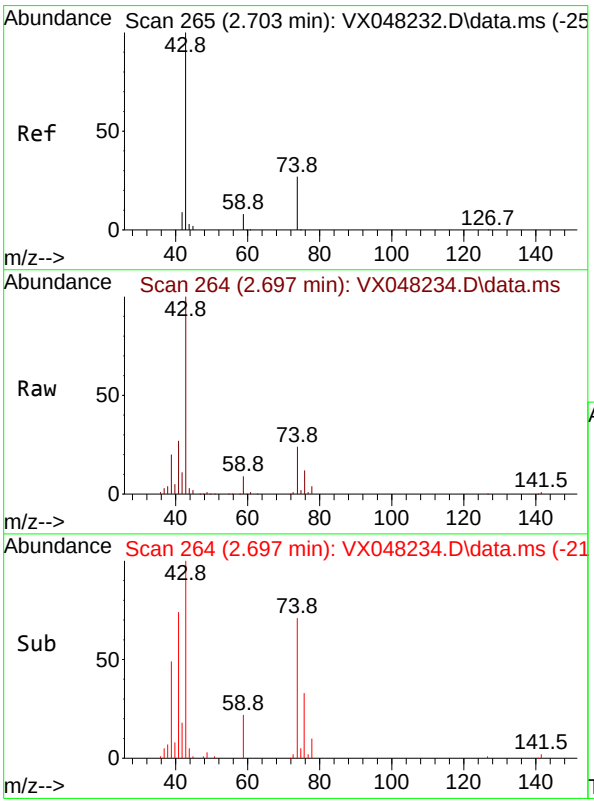
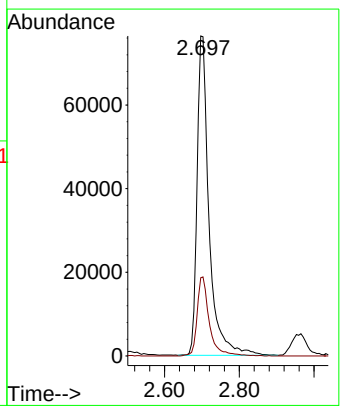
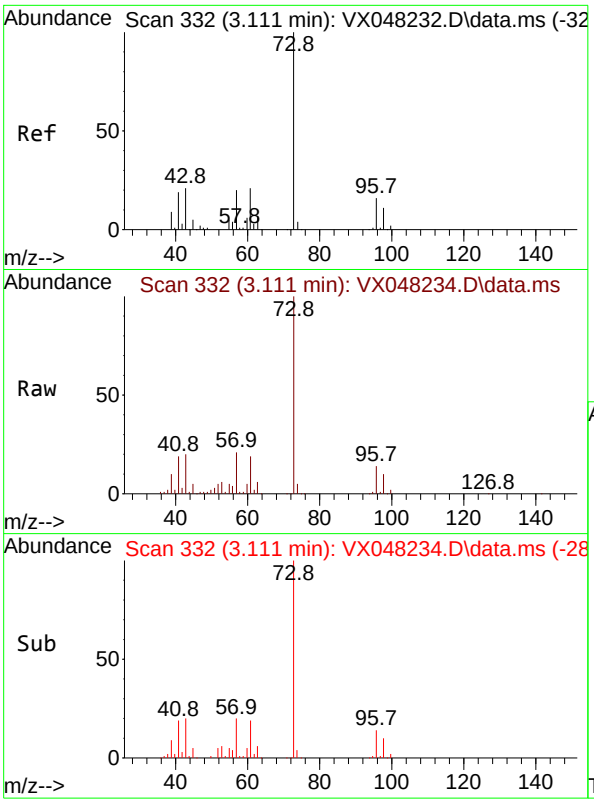



#18
Methyl Acetate
Concen: 140.438 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 169402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.2 | 17.5 | 26.3 |

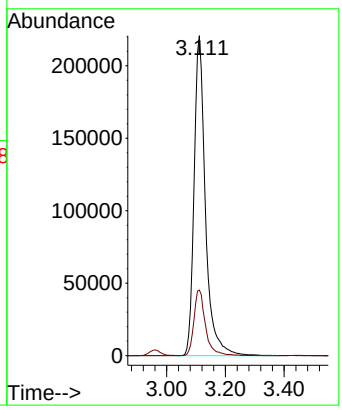





#19
Methyl tert-butyl Ether
Concen: 151.611 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 73 Resp: 59303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.5 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations**
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Reviewed By :John Carlone 10/21/2025
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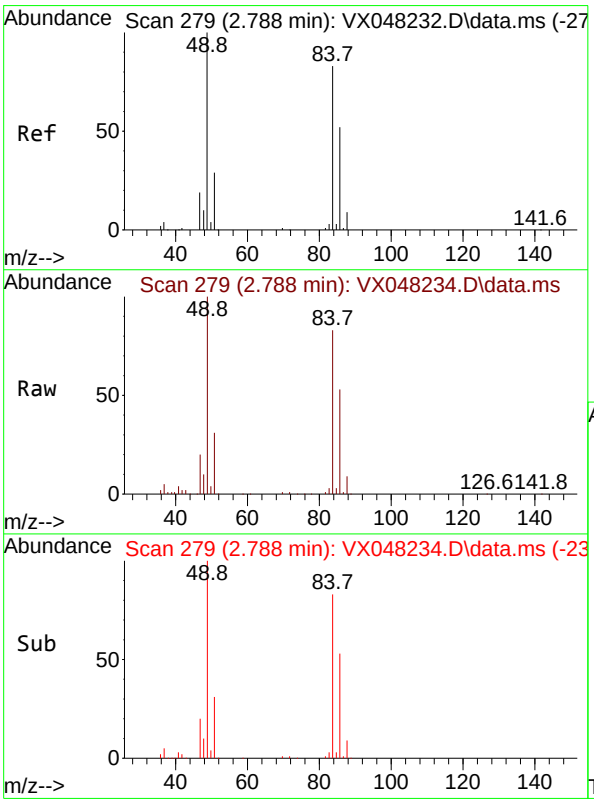
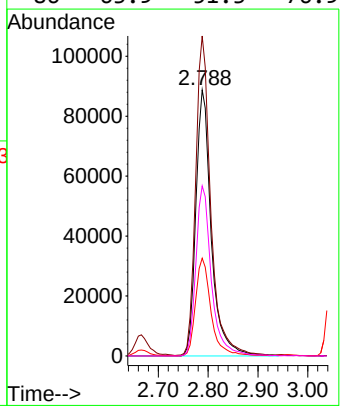
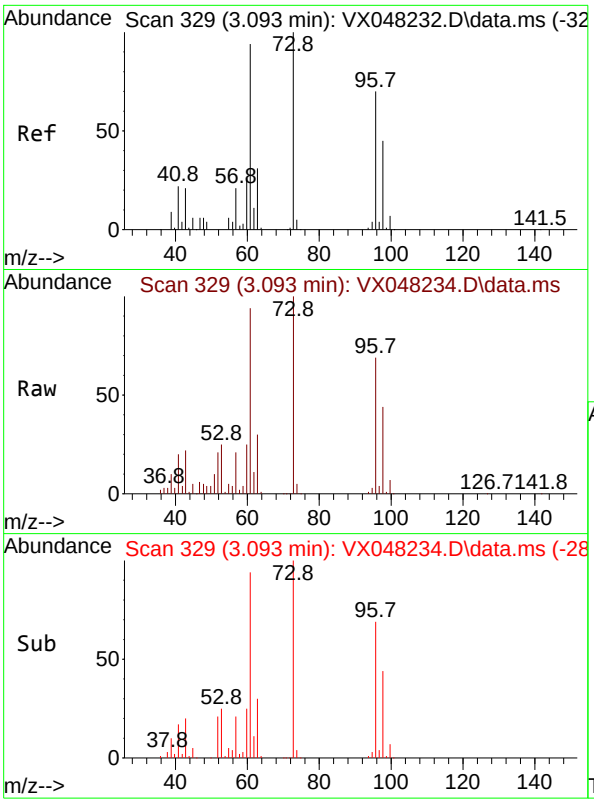



#20
Methylene Chloride
Concen: 132.030 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 84 Resp: 190483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 120.0 | 104.1 | 156.1 |
| 51 | 36.7 | 31.3 | 46.9 |
| 86 | 63.9 | 51.3 | 76.9 |

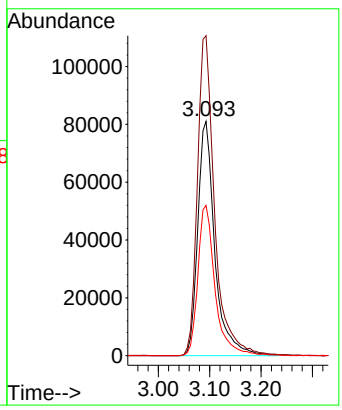





#21
trans-1,2-Dichloroethene
Concen: 139.566 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 96 Resp: 18749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.6 | 111.9 | 167.9 |
| 98 | 64.1 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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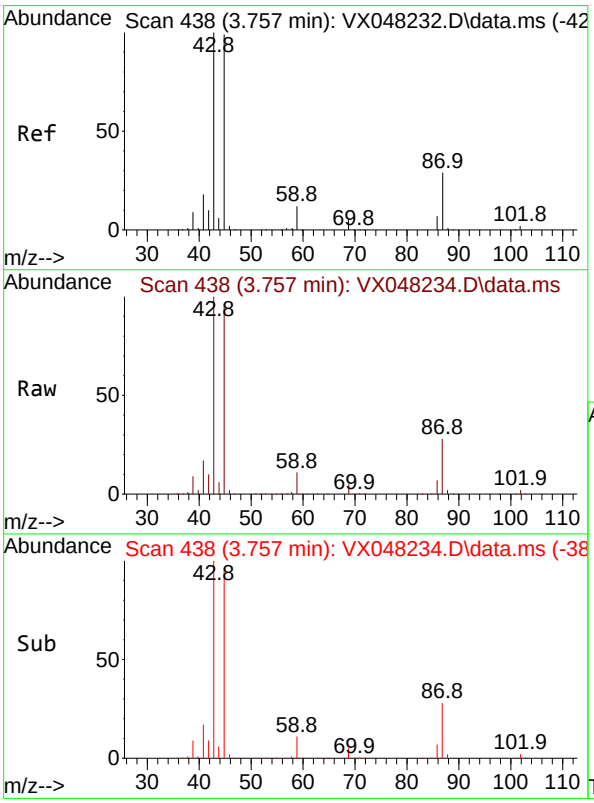
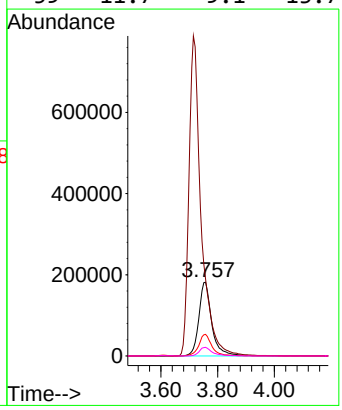
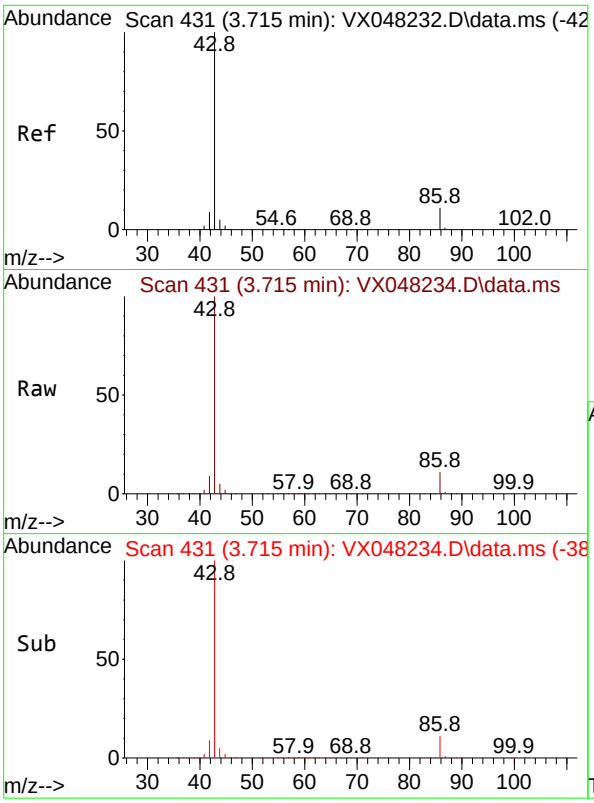



#22
Diisopropyl ether
Concen: 125.048 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 45 Resp: 571951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 104.2 | 89.8 | 134.8 |
| 87 | 29.4 | 20.6 | 31.0 |
| 59 | 11.7 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 692.251 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 236751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.3 | 7.9 | 11.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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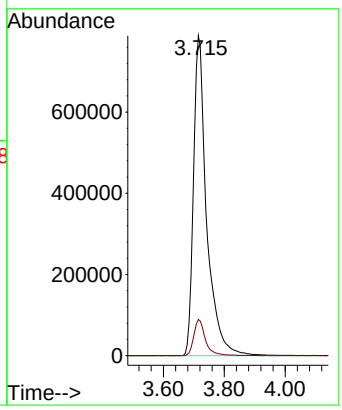
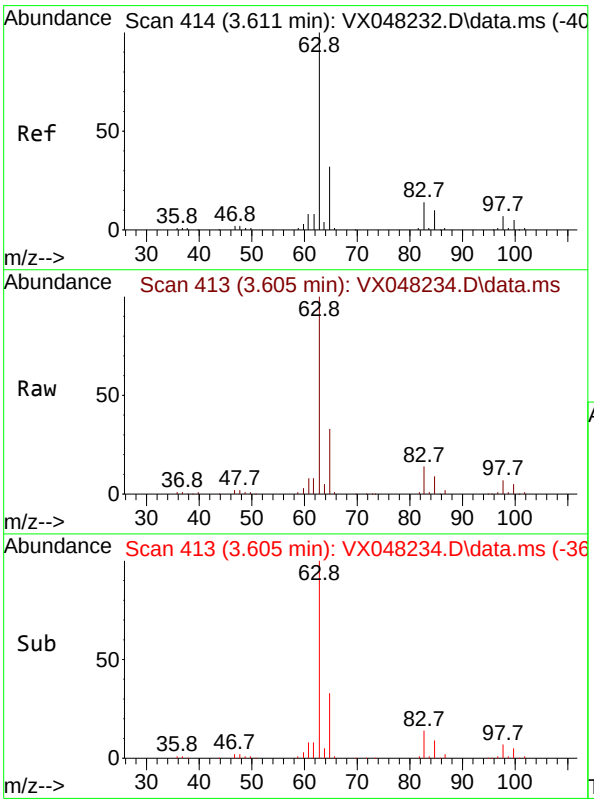
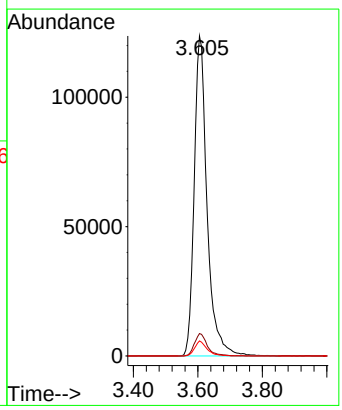


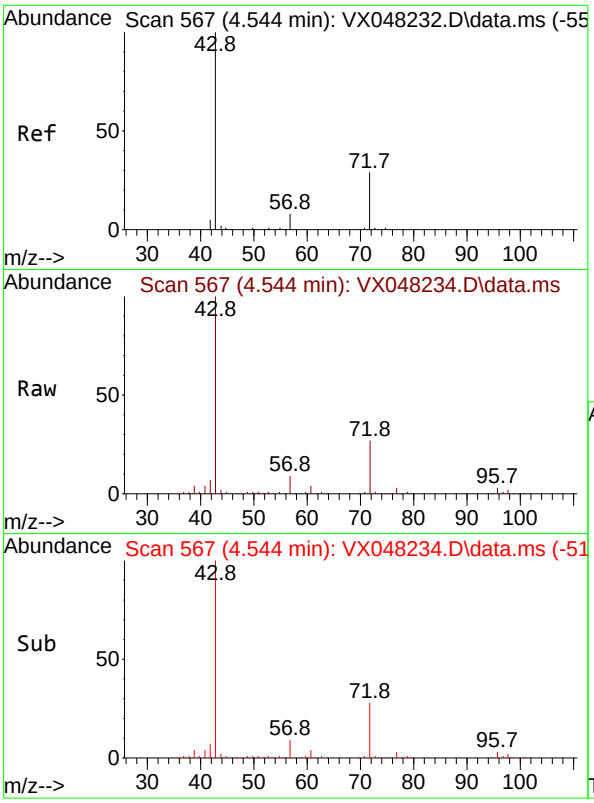




#24
1,1-Dichloroethane
Concen: 131.992 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 342500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 3.5 | 10.6 |
| 100 | 4.7 | 2.1 | 6.3 |






#25
2-Butanone
Concen: 706.046 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 48715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.0 | 19.9 | 29.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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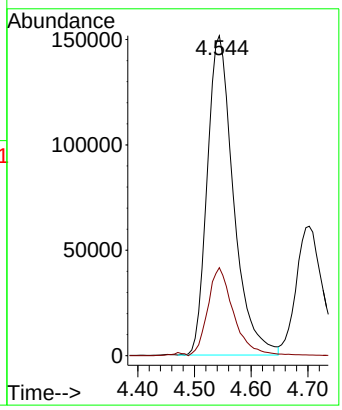
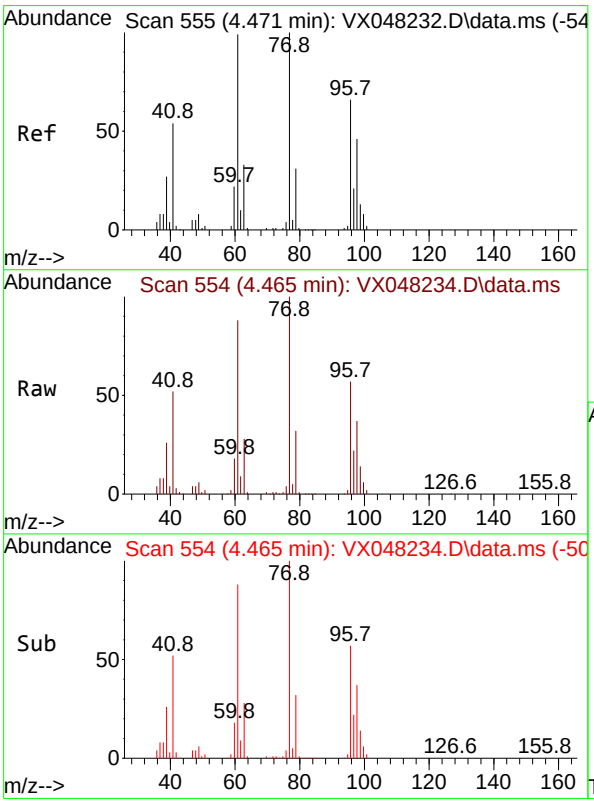
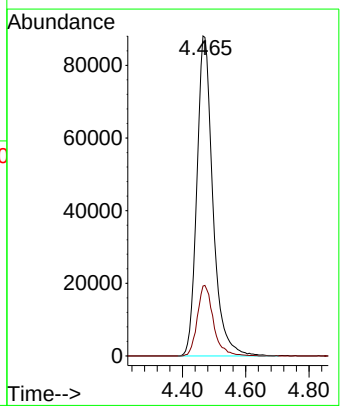


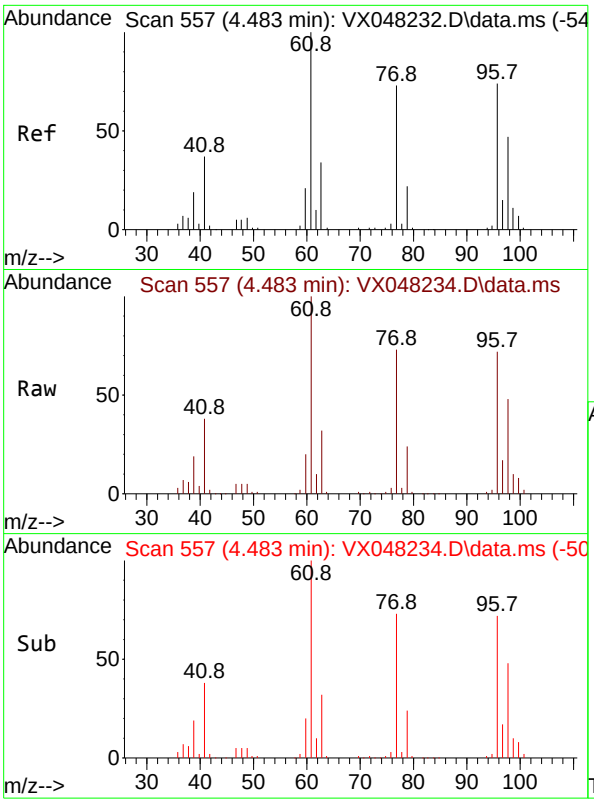




#26
2,2-Dichloropropane
Concen: 140.027 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 77 Resp: 310572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.2 | 11.1 | 33.3 |

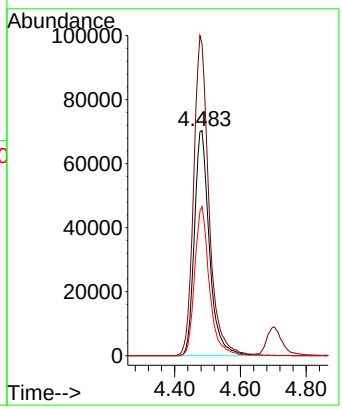





#27
cis-1,2-Dichloroethene
Concen: 139.465 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 96 Resp: 22235

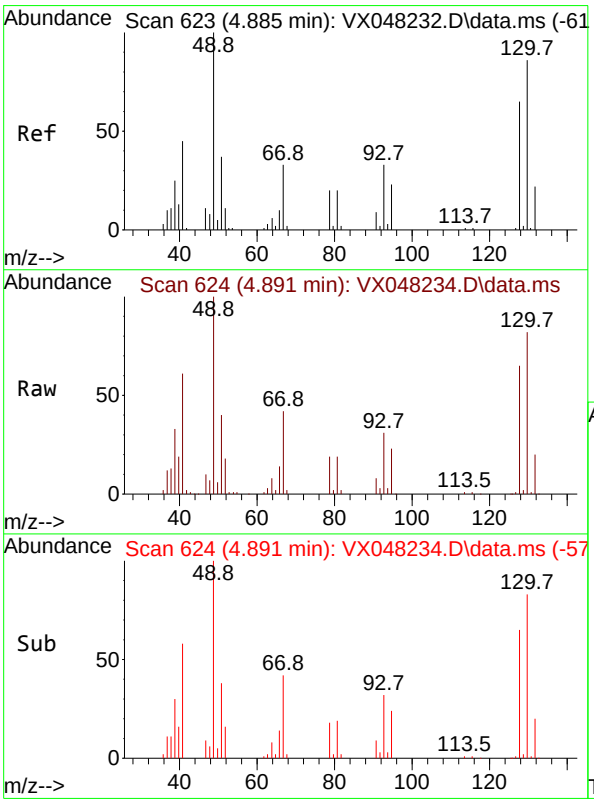
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.4 | 0.0 | 294.2 |
| 98 | 65.1 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

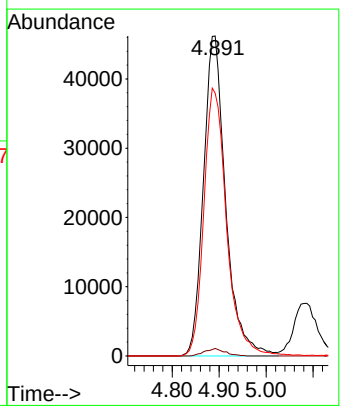
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

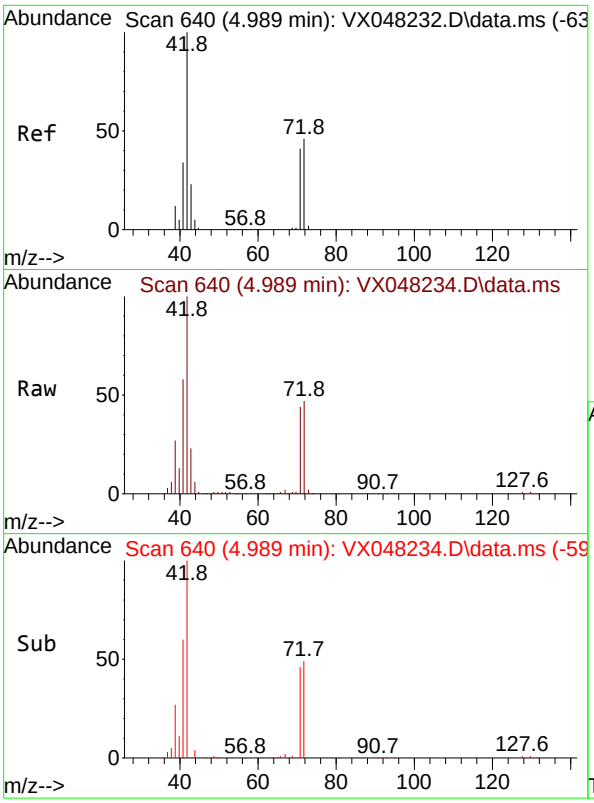



#28
Bromochloromethane
Concen: 126.922 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 49 Resp: 151812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.1 | 0.0 | 4.4 |
| 130 | 85.6 | 59.3 | 88.9 |






#29
Tetrahydrofuran
Concen: 744.697 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

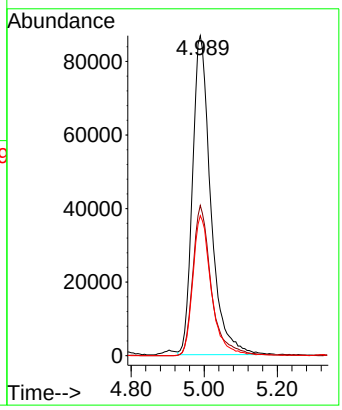
Tgt Ion: 42 Resp: 30174

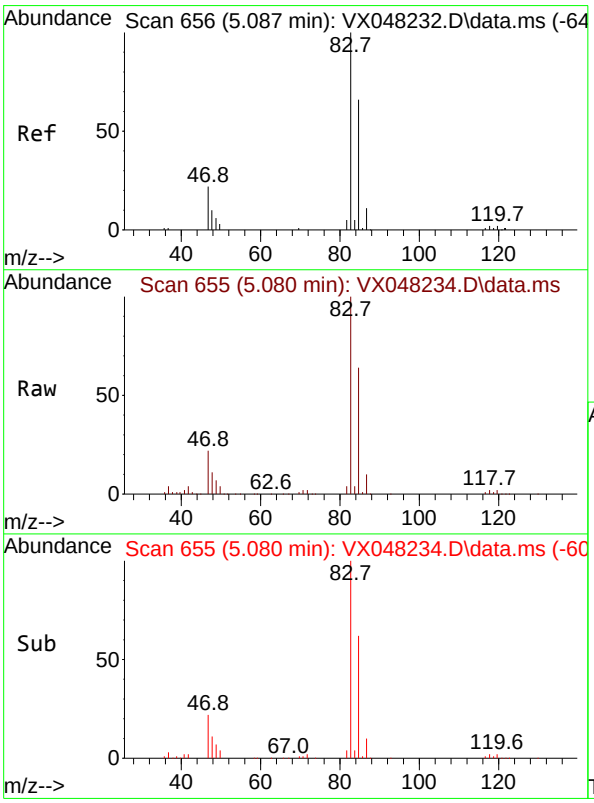
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 47.8 | 35.3 | 52.9 |
| 71 | 44.1 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

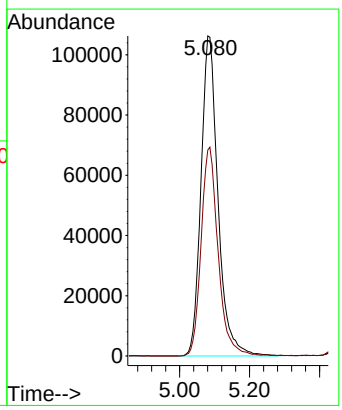


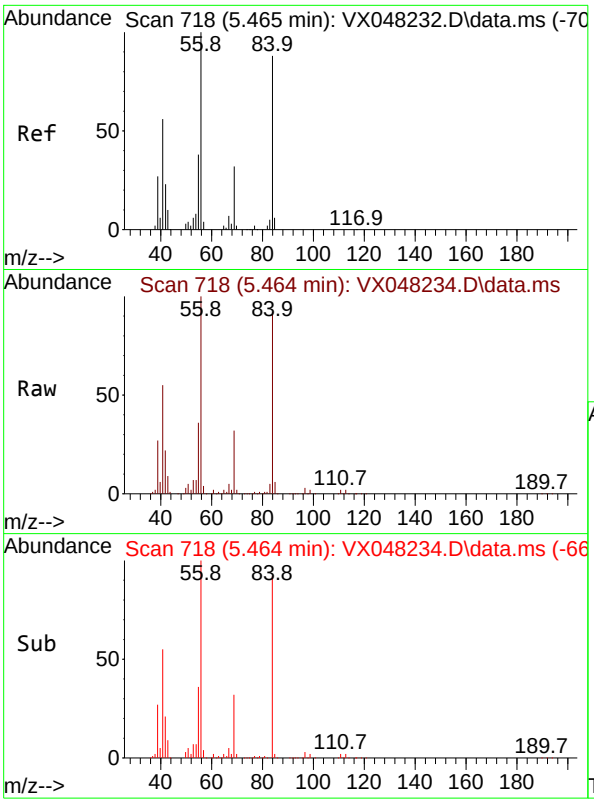




#30
Chloroform
Concen: 131.272 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 358626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 50.1 | 75.1 |

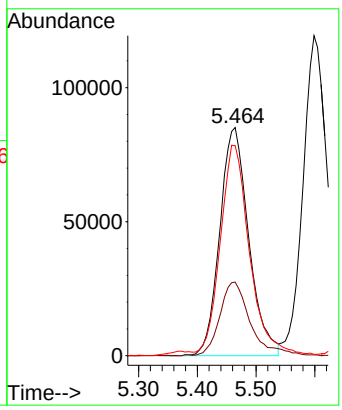





#31
Cyclohexane
Concen: 137.199 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 56 Resp: 29130

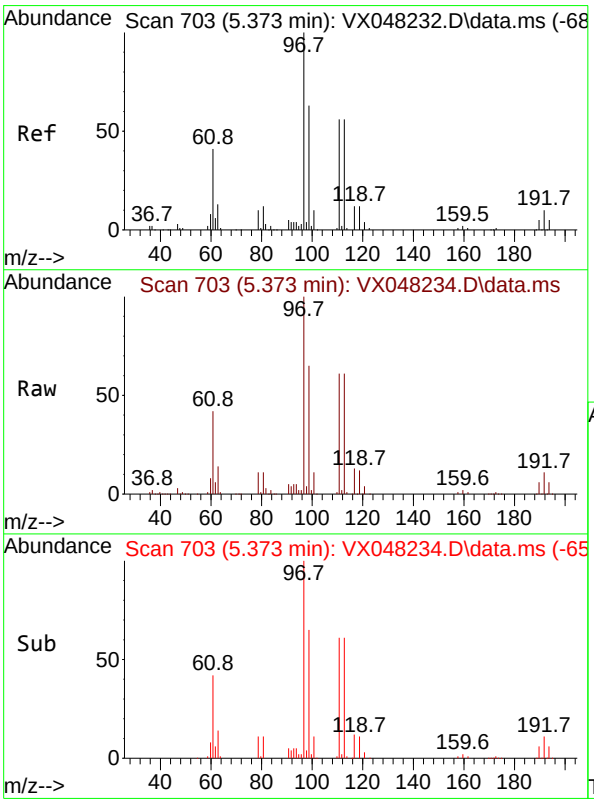
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.3 | 23.0 | 34.6 |
| 84 | 90.1 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations**
**APPROVED**

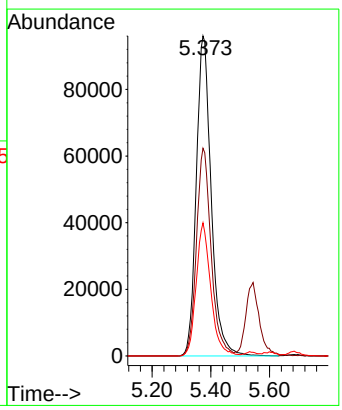
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

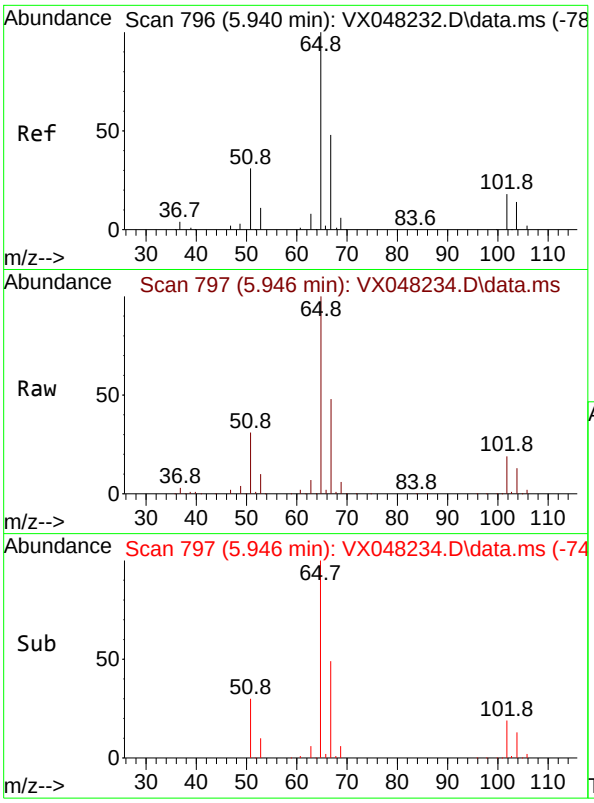



#32
1,1,1-Trichloroethane
Concen: 150.785 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 97 Resp: 338462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.8 | 51.7 | 77.5 |
| 61 | 40.8 | 34.8 | 52.2 |

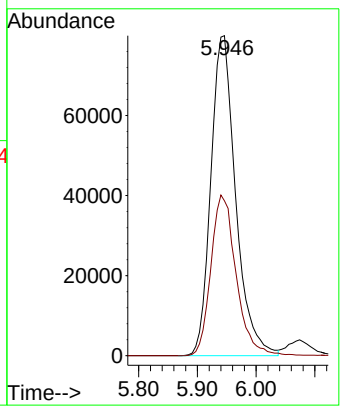





#33
1,2-Dichloroethane-d4
Concen: 135.251 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 65 Resp: 23480

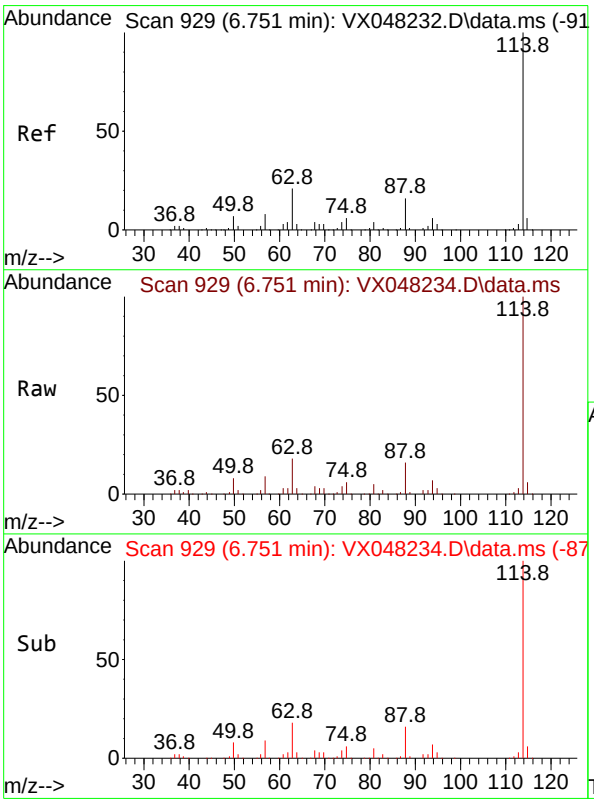
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.2 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

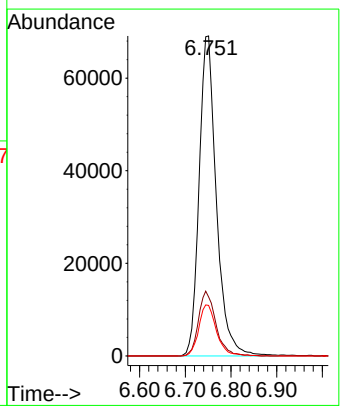
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

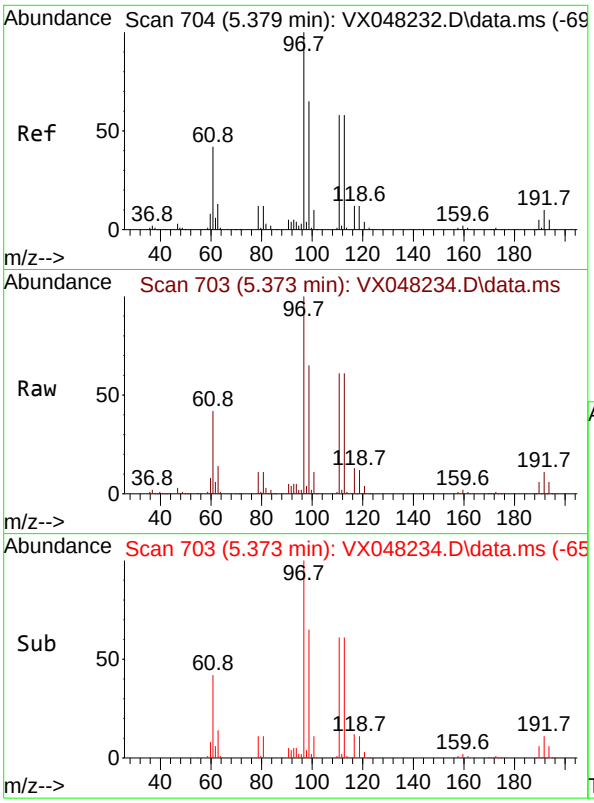



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:114 Resp: 180904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.4 | 0.0 | 43.2 |
| 88 | 15.8 | 0.0 | 33.6 |

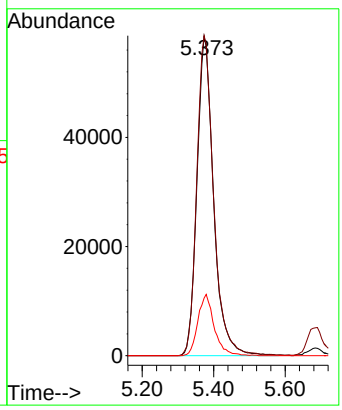





#35
Dibromofluoromethane
Concen: 150.393 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:113 Resp: 18882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.5 | 82.2 | 123.4 |
| 192 | 18.8 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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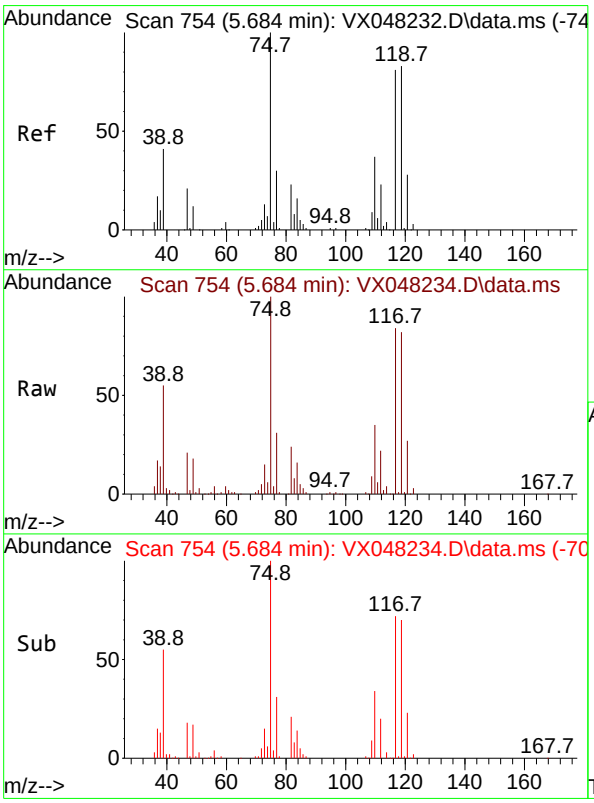
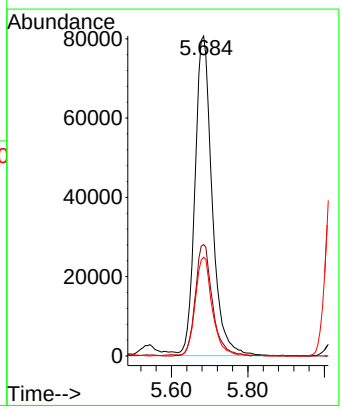
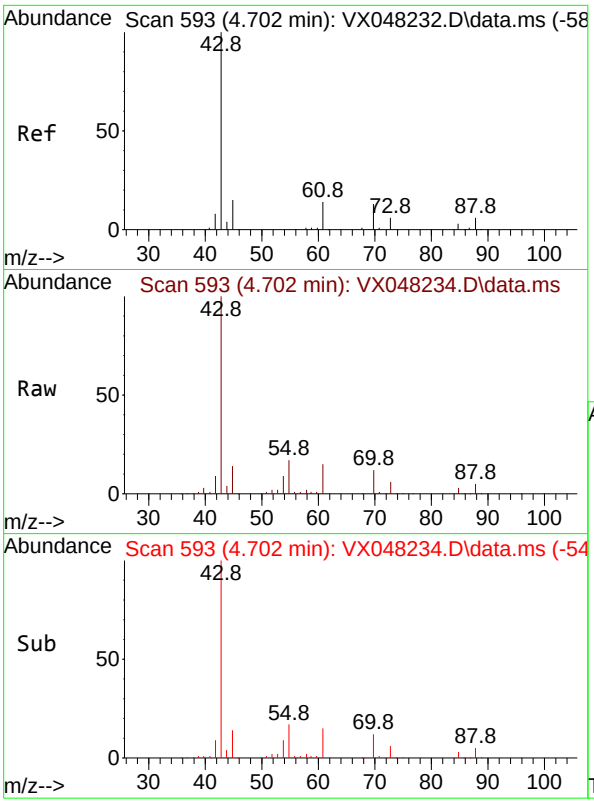



#36
1,1-Dichloropropene
Concen: 141.173 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 249688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.0 | 17.7 | 53.1 |
| 77 | 31.2 | 24.3 | 36.5 |

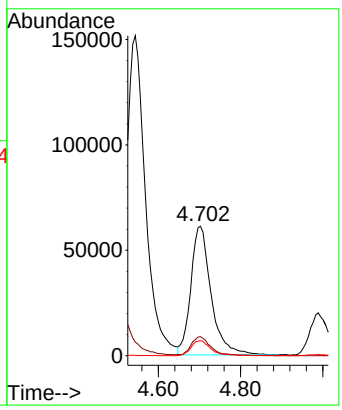





#37
Ethyl Acetate
Concen: 147.588 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 20861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.1 | 10.6 | 15.8 |
| 70 | 11.2 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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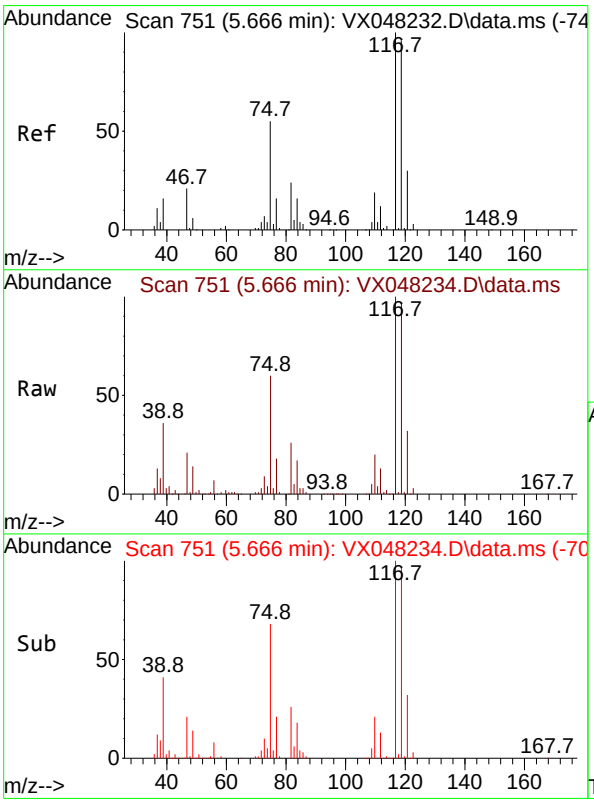
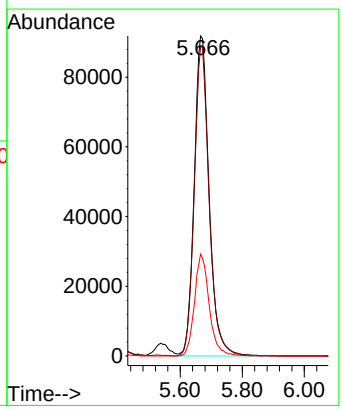
Supervised By :Semsettin Yesilyurt 10/21/2025

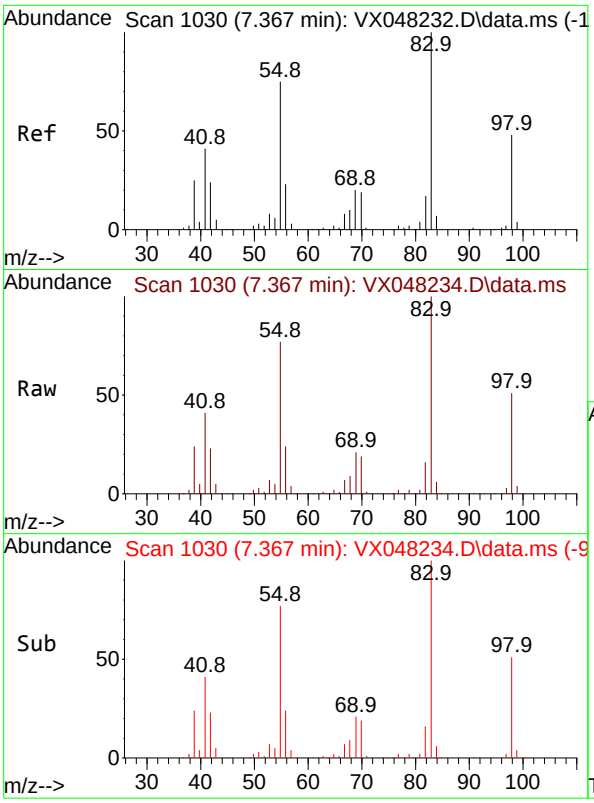



#38
Carbon Tetrachloride
Concen: 151.663 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 307892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.6 | 77.2 | 115.8 |
| 121 | 31.8 | 24.8 | 37.2 |

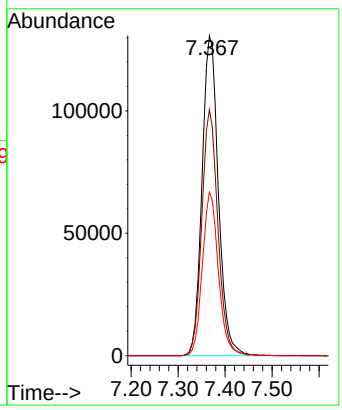





#39
Methylcyclohexane
Concen: 158.416 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 31591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.9 | 66.2 | 99.2 |
| 98 | 51.1 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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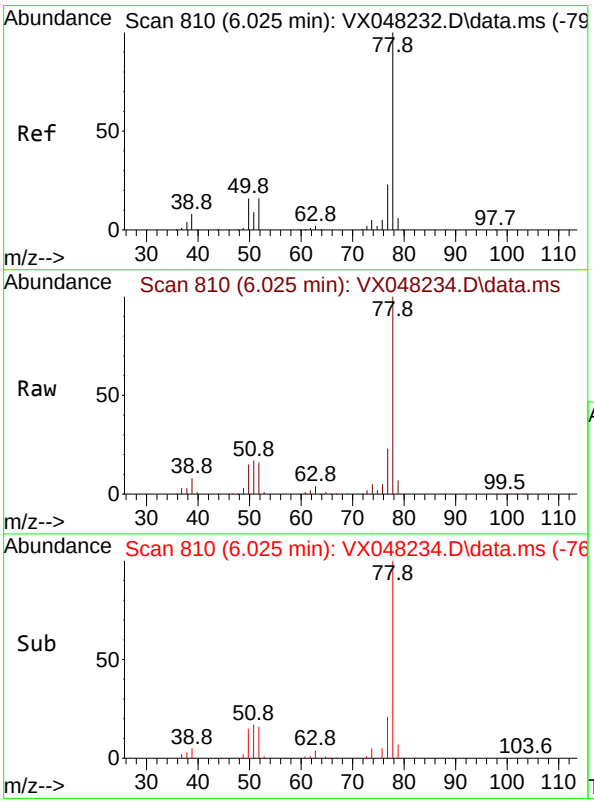
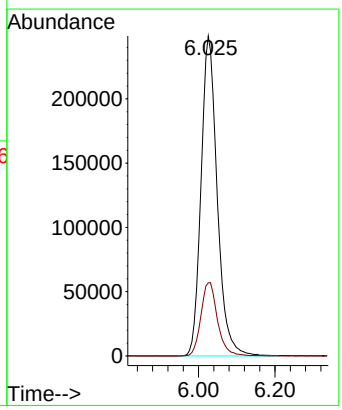
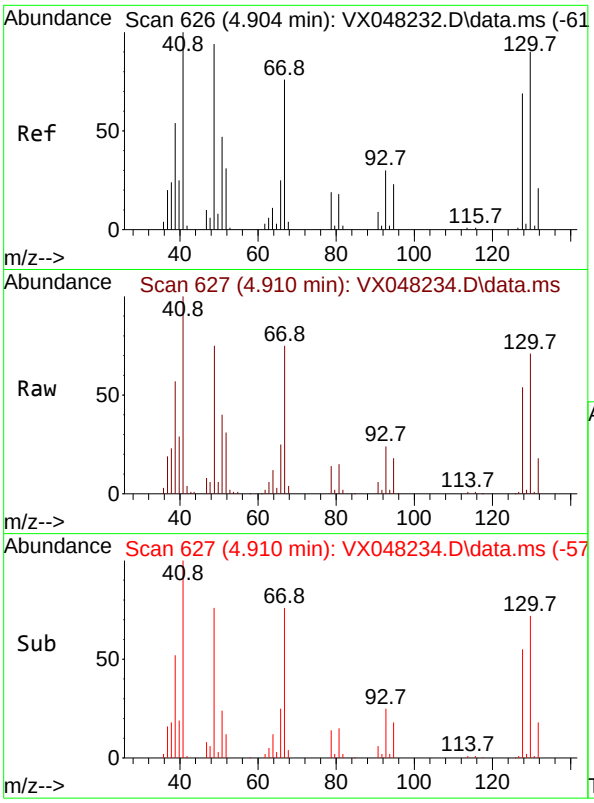



#40
Benzene
Concen: 139.172 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 78 Resp: 730908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.8 | 19.3 | 28.9 |

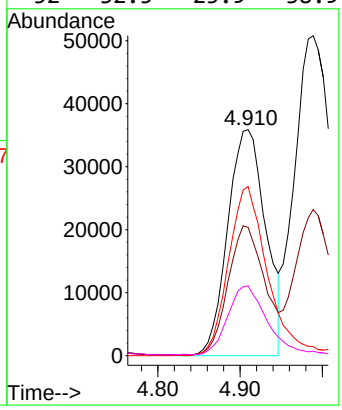





#41
Methacrylonitrile
Concen: 152.378 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 11535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.0 | 44.0 | 66.0 |
| 67 | 78.1 | 58.7 | 88.1 |
| 52 | 32.5 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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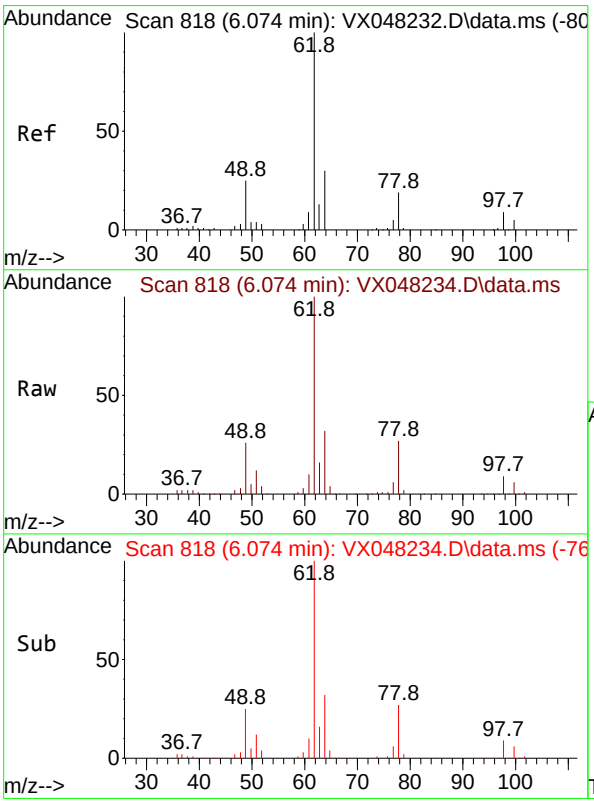
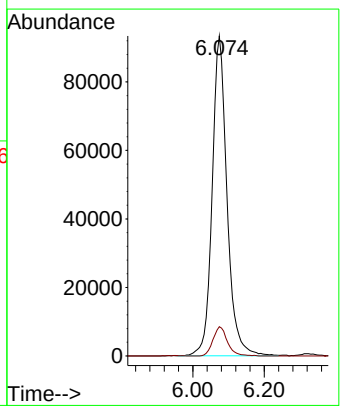
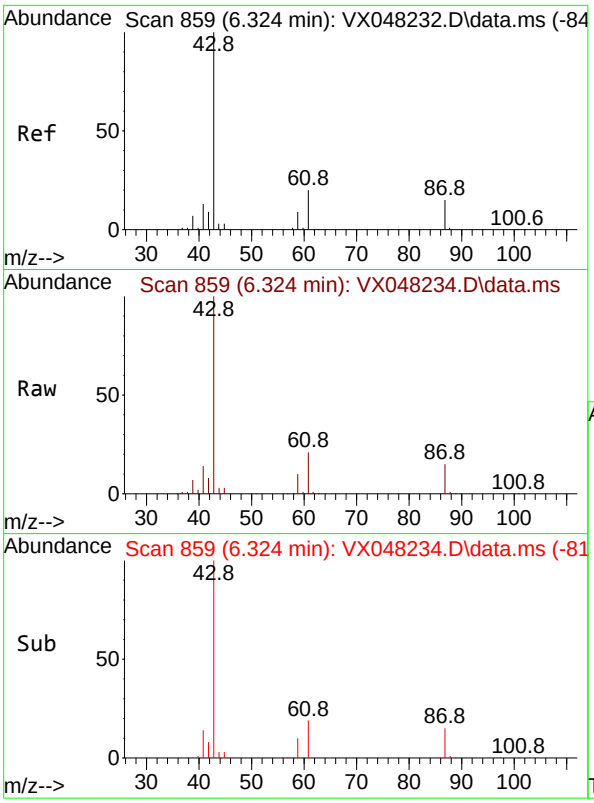



#42
1,2-Dichloroethane
Concen: 143.093 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 269245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.9 | 0.0 | 17.2 |

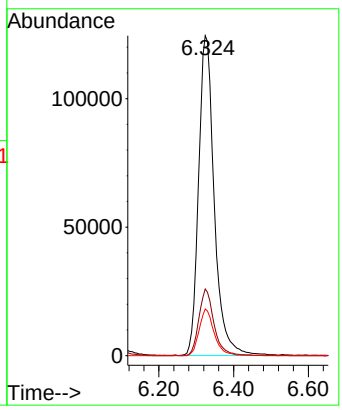





#43
Isopropyl Acetate
Concen: 152.180 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 36108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.2 | 14.9 | 22.3 |
| 87 | 14.0 | 9.4 | 14.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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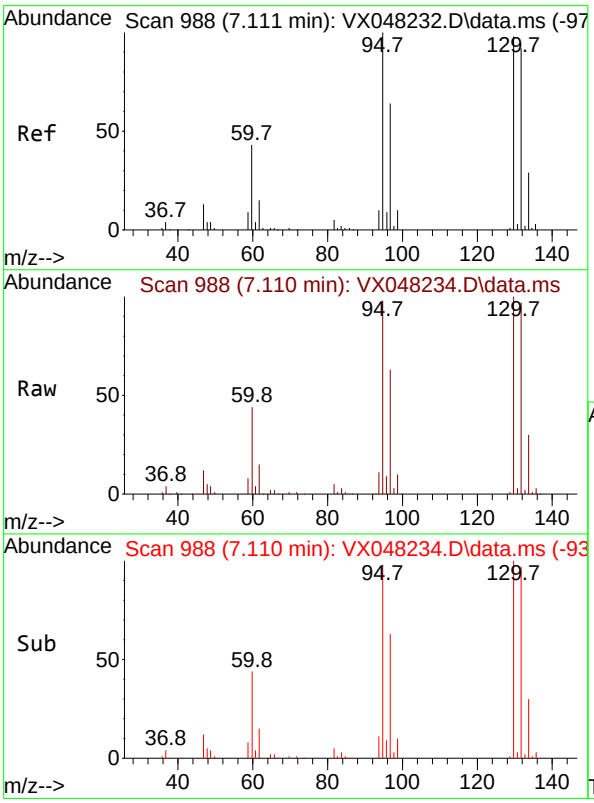
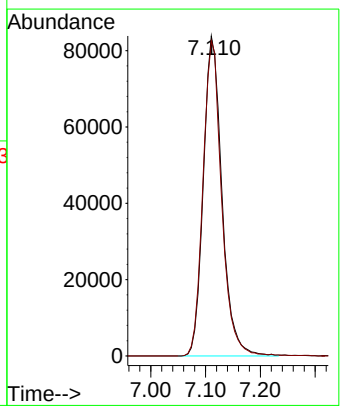
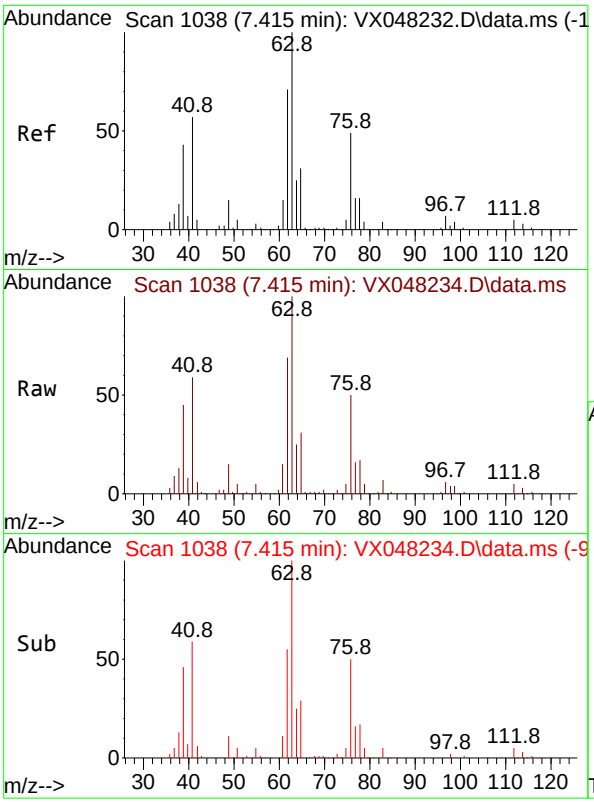



#44
Trichloroethene
Concen: 149.022 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:130 Resp: 197244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 98.5 | 0.0 | 200.6 |

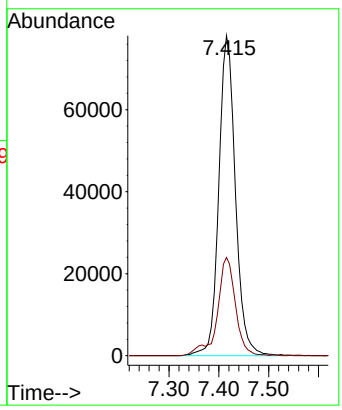





#45
1,2-Dichloropropane
Concen: 135.890 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 18061

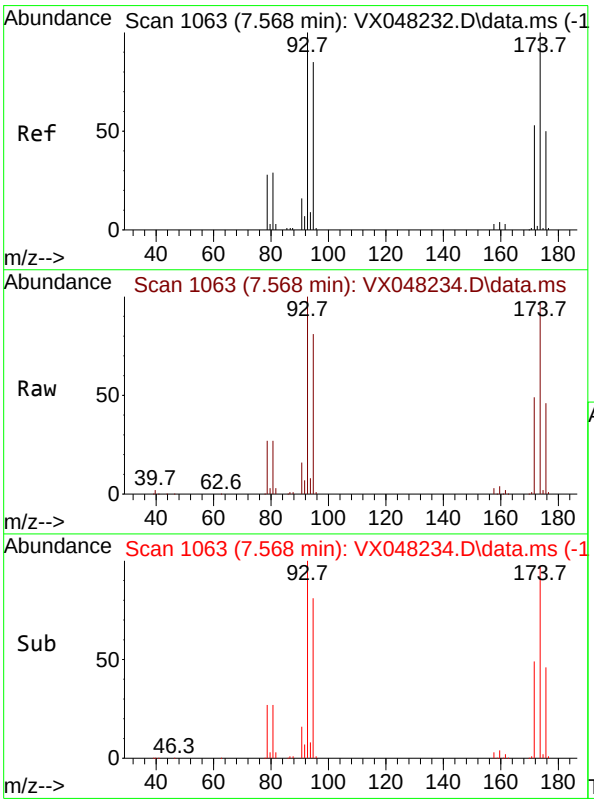
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.7 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

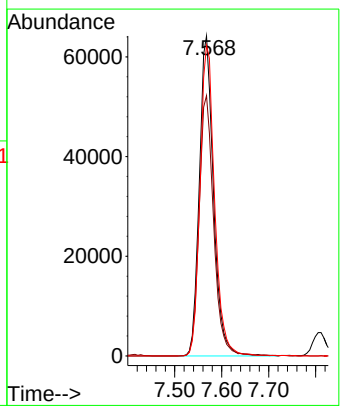
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

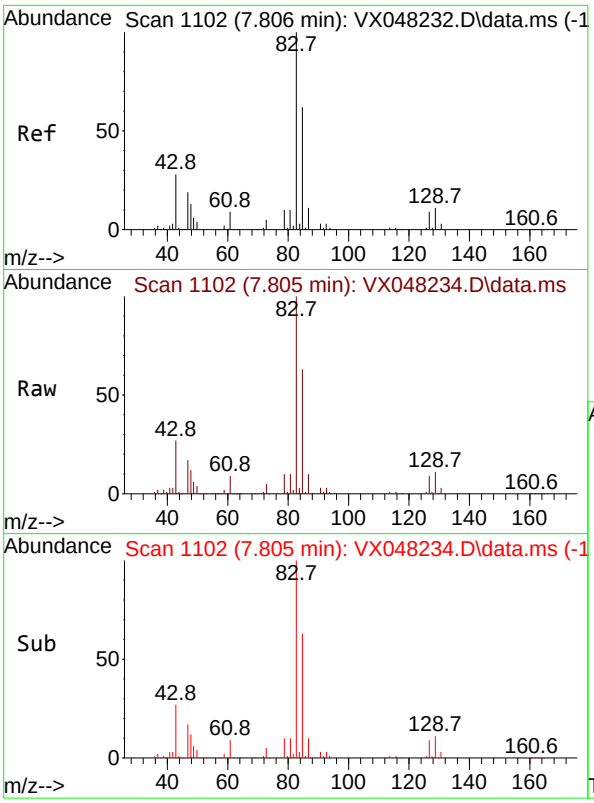



#46
Dibromomethane
Concen: 141.273 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 93 Resp: 135105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.9 | 65.9 | 98.9 |
| 174 | 99.5 | 71.7 | 107.5 |

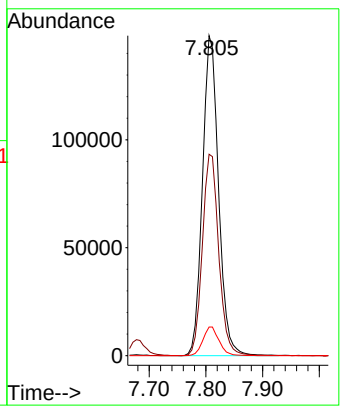





#47
Bromodichloromethane
Concen: 141.302 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 29206

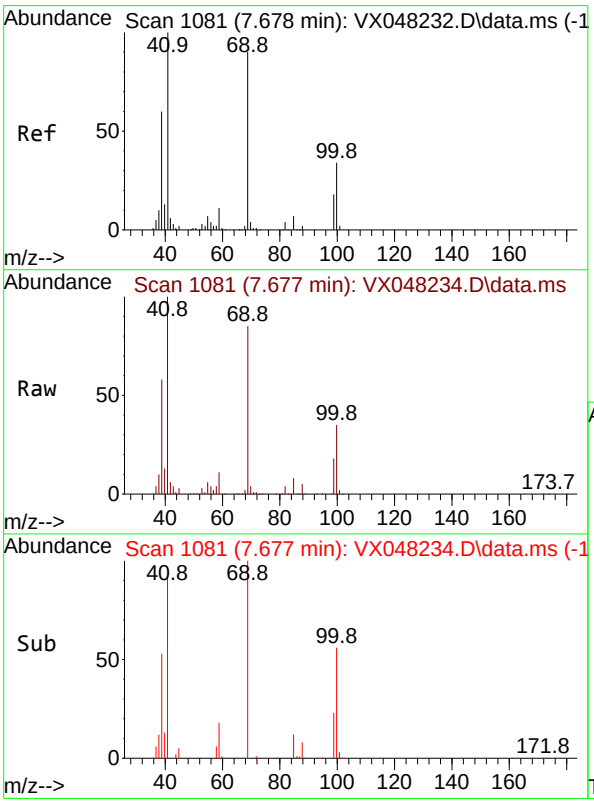
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.9 | 52.2 | 78.4 |
| 127 | 8.9 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

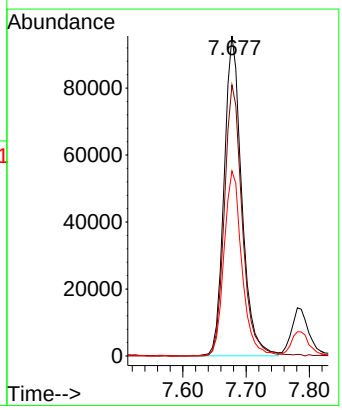
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

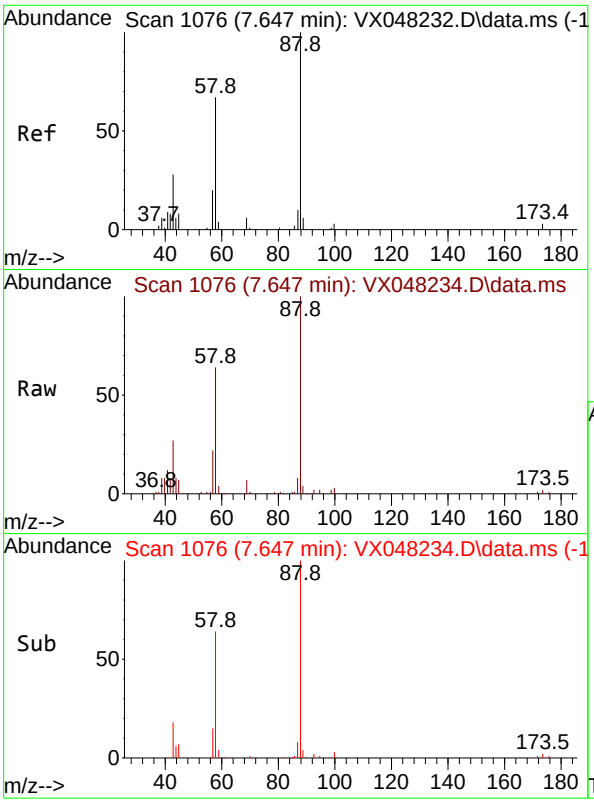



#48
Methyl methacrylate
Concen: 151.780 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 184354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.0 | 63.4 | 95.0 |
| 39 | 58.5 | 47.1 | 70.7 |

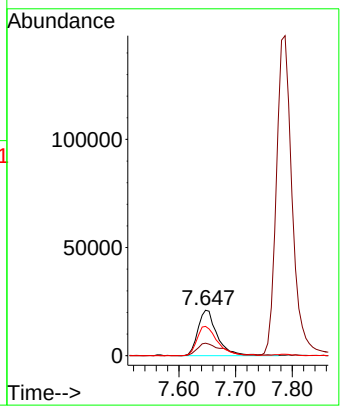





#49
1,4-Dioxane
Concen: 4563.512 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 88 Resp: 4989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.6 | 35.0 | 52.4 |
| 58 | 67.7 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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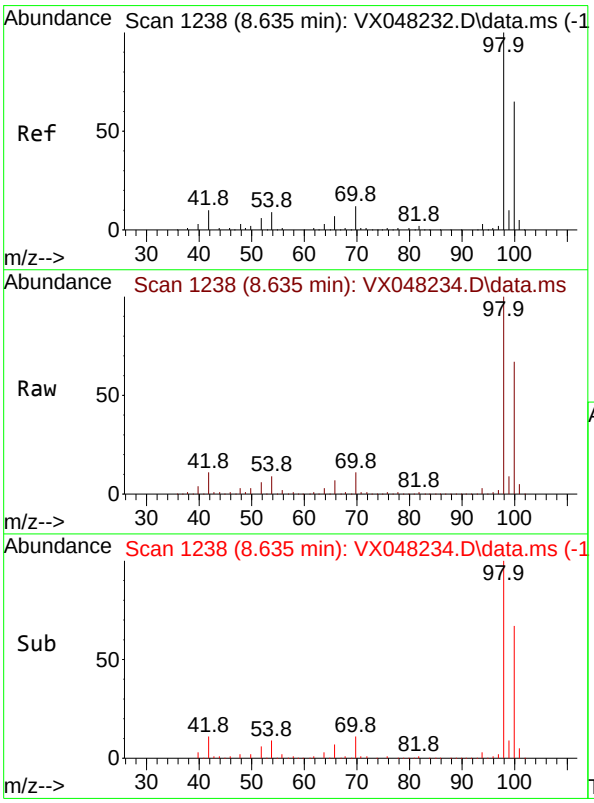
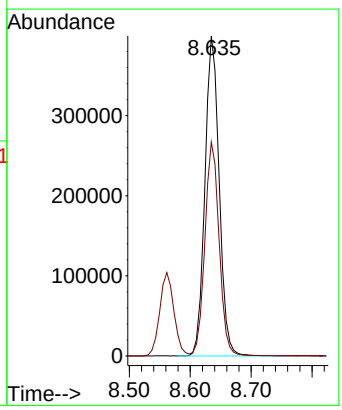
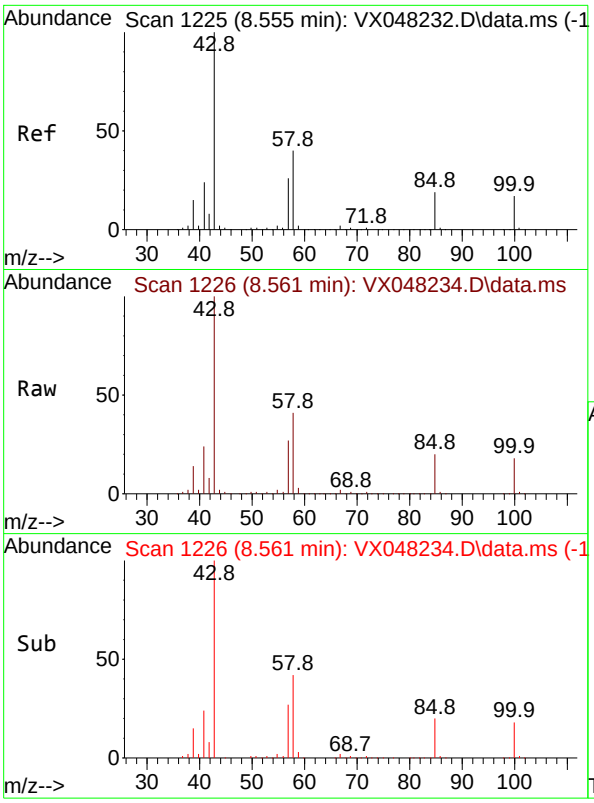



#50
Toluene-d8
Concen: 143.408 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 98 Resp: 648652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.9 | 53.0 | 79.4 |

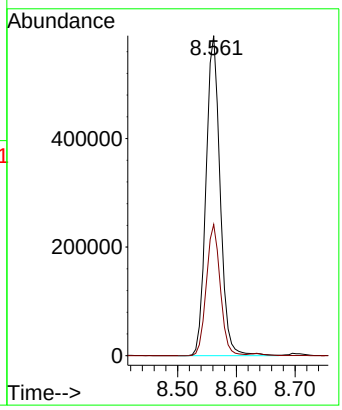





#51
4-Methyl-2-Pentanone
Concen: 744.604 ug/l
RT: 8.561 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 98312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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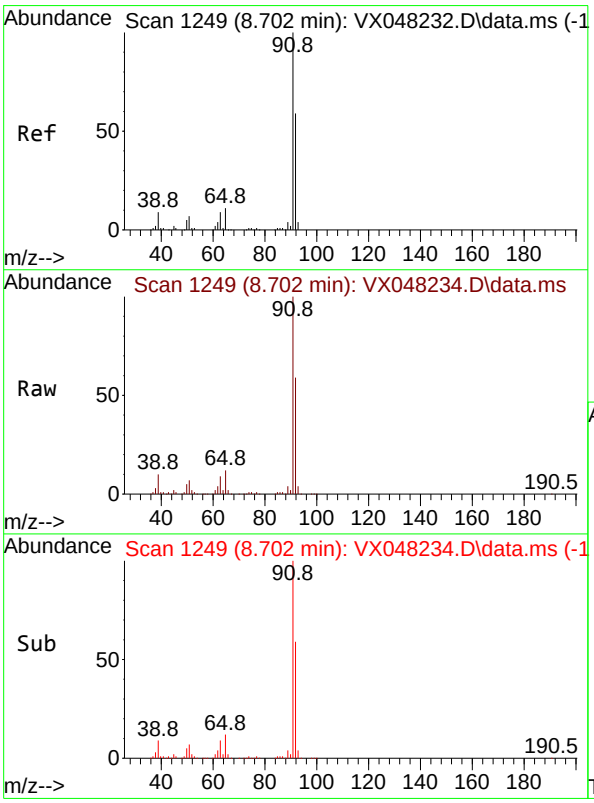
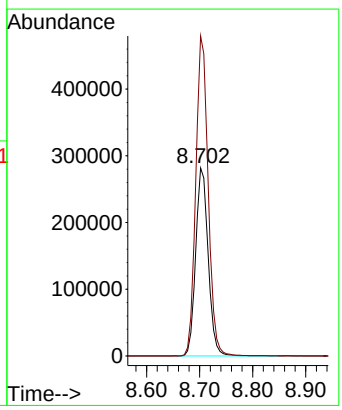
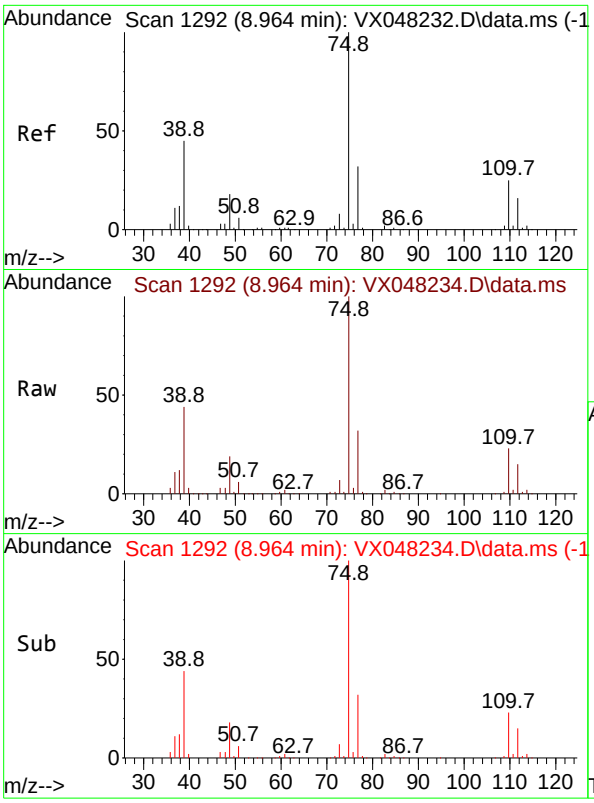



#52
Toluene
Concen: 145.964 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 92 Resp: 460742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.1 | 136.1 | 204.1 |

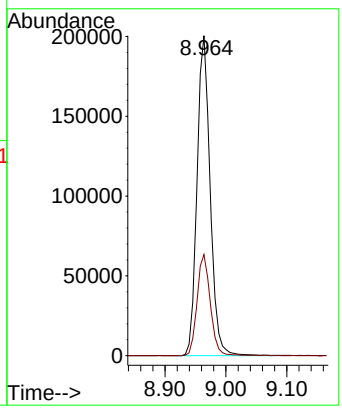





#53
t-1,3-Dichloropropene
Concen: 155.059 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 30025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

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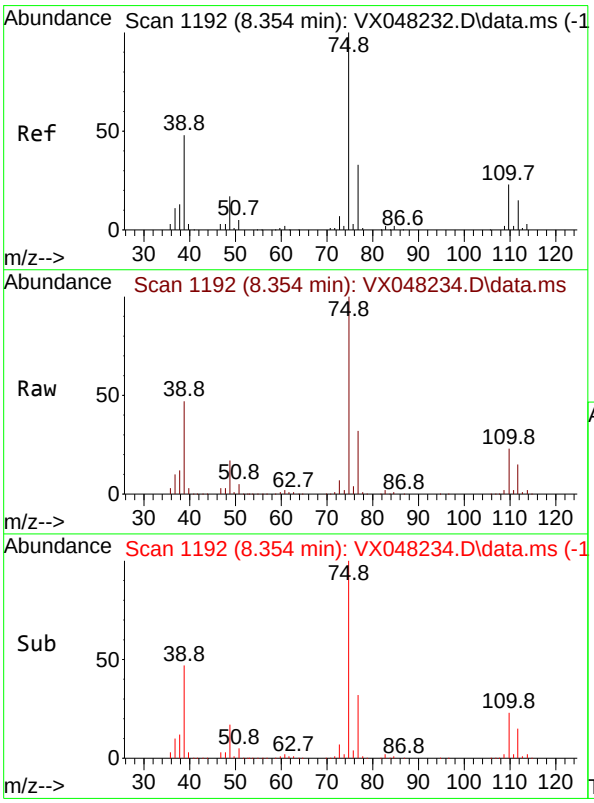
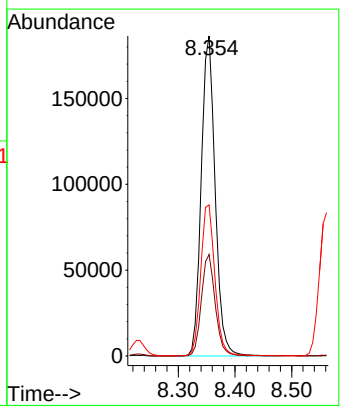
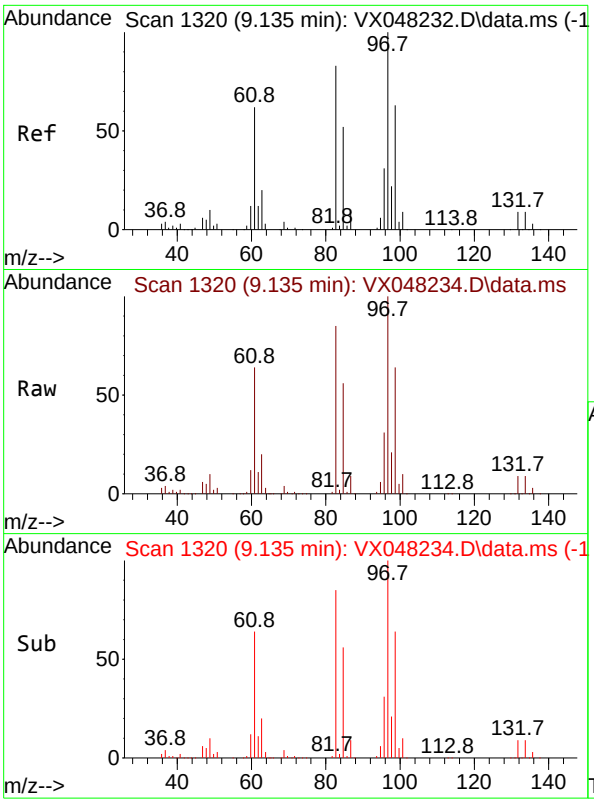



#54
cis-1,3-Dichloropropene
Concen: 150.373 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 317375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 24.9 | 37.3 |
| 39 | 47.1 | 42.6 | 64.0 |

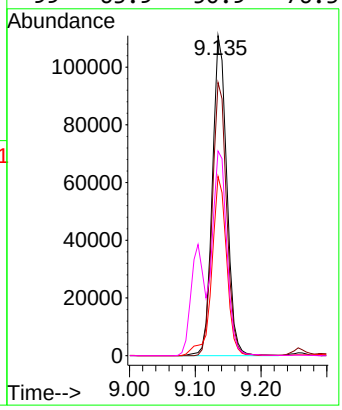





#55
1,1,2-Trichloroethane
Concen: 144.250 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 97 Resp: 16989

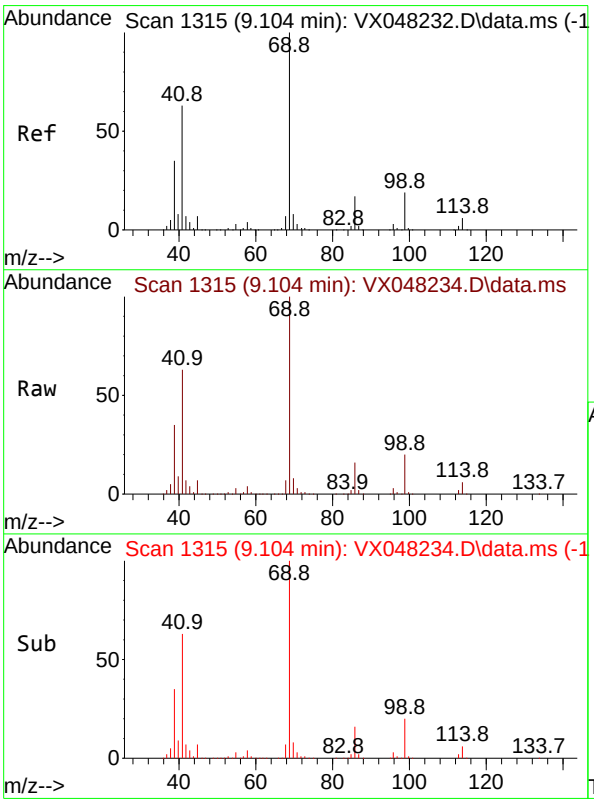
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.4 | 70.6 | 105.8 |
| 85 | 56.0 | 45.0 | 67.6 |
| 99 | 63.9 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

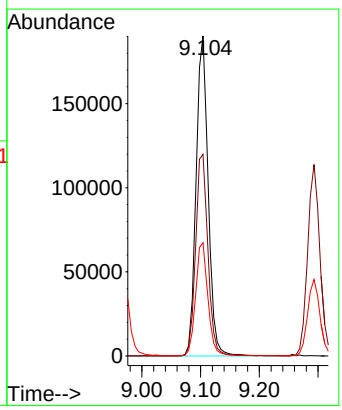
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

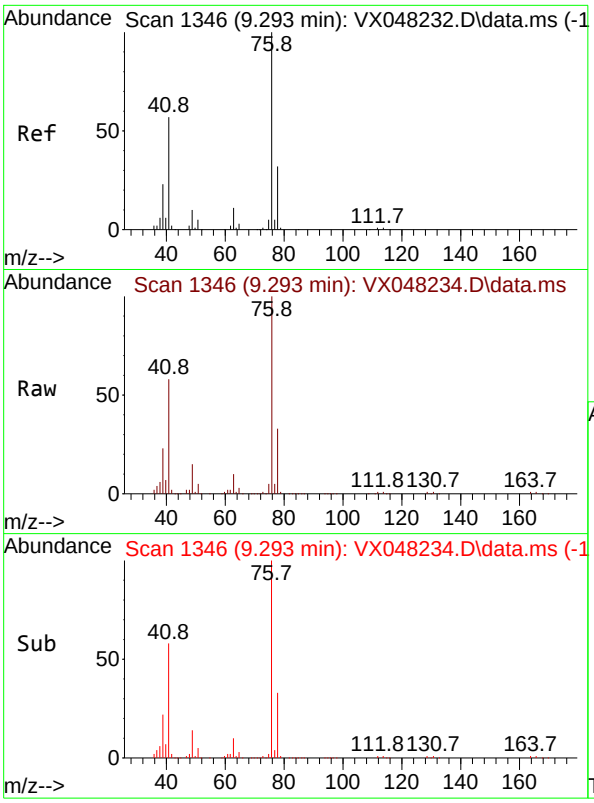



#56
Ethyl methacrylate
Concen: 169.911 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 69 Resp: 272177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.4 | 56.0 | 84.0 |
| 39 | 36.1 | 31.6 | 47.4 |

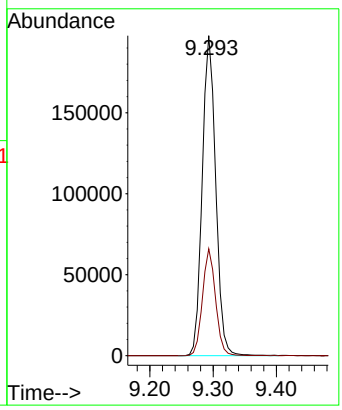





#57
1,3-Dichloropropane
Concen: 142.707 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 76 Resp: 29365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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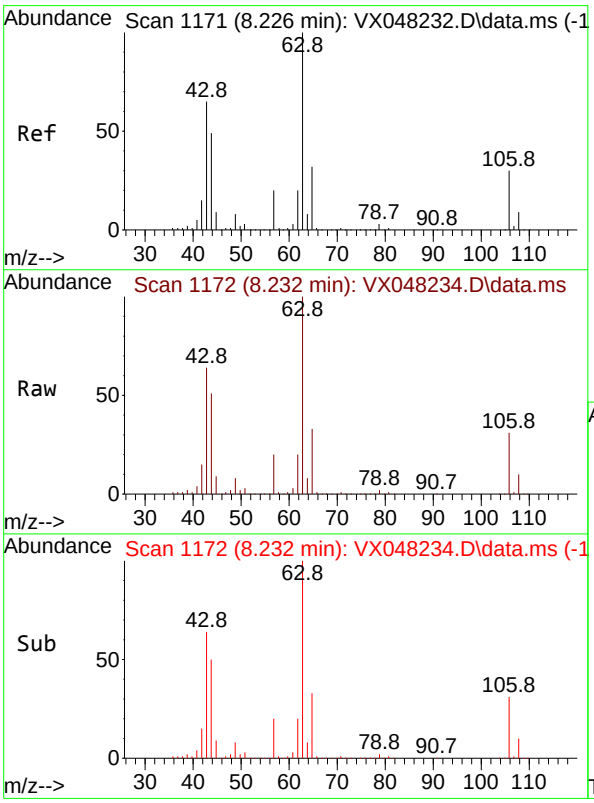
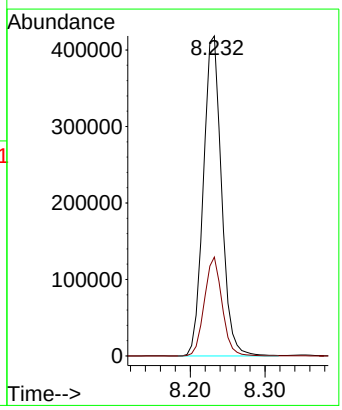
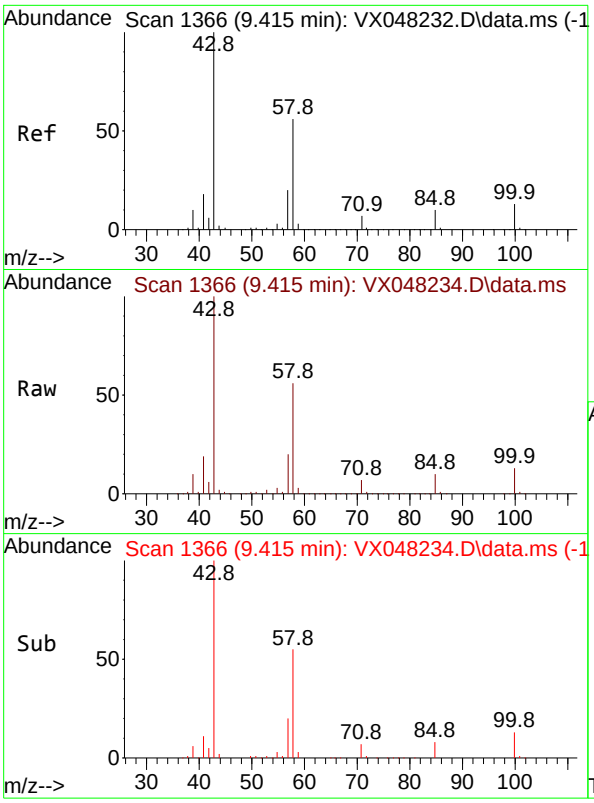



#58
2-Chloroethyl Vinyl ether
Concen: 858.056 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 705780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.2 | 22.2 | 33.2 |

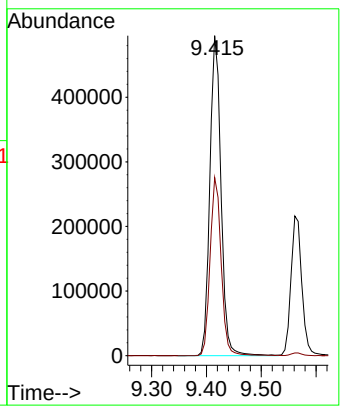





#59
2-Hexanone
Concen: 752.256 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 69473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.6 | 26.3 | 78.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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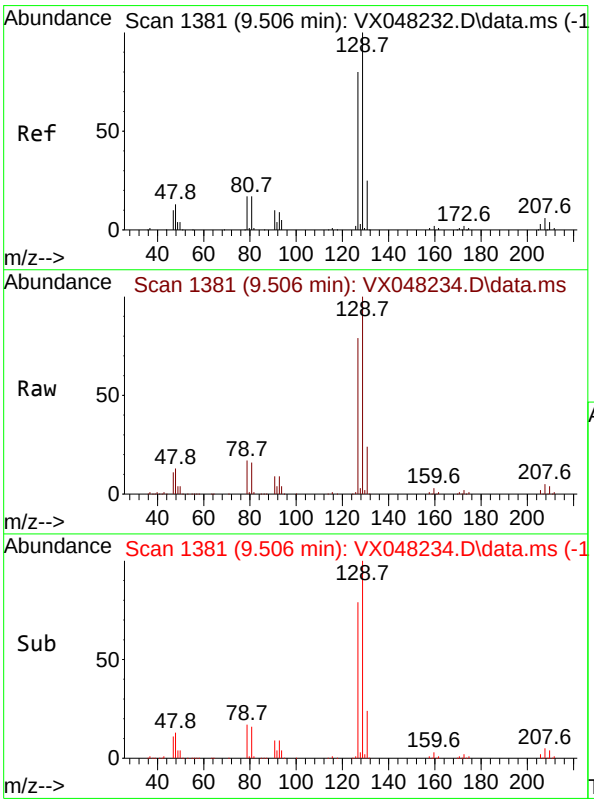
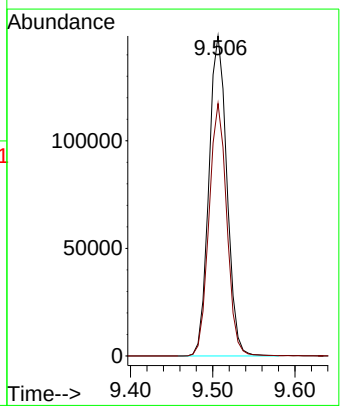
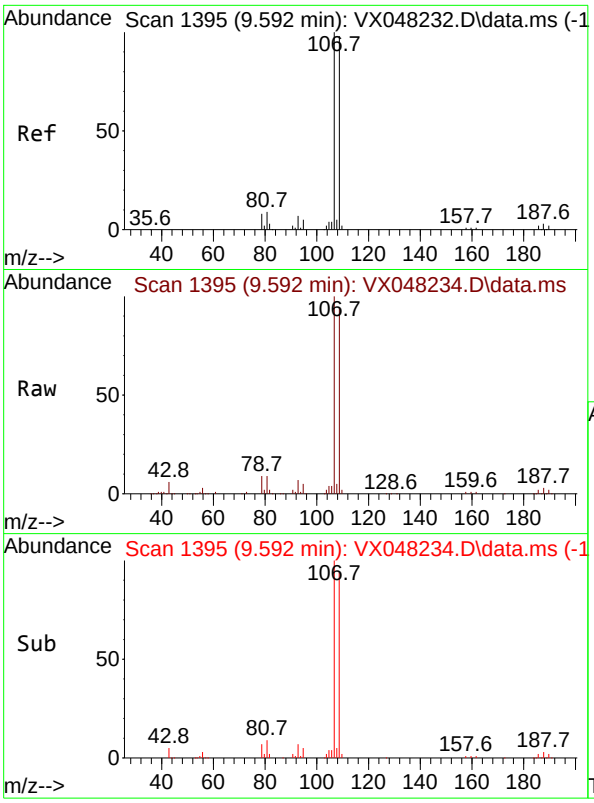



#60
Dibromochloromethane
Concen: 153.740 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:129 Resp: 226642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.8 | 38.6 | 115.7 |

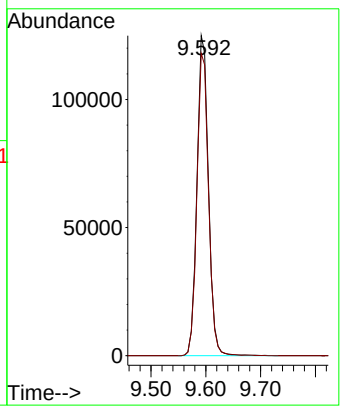





#61
1,2-Dibromoethane
Concen: 150.876 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:107 Resp: 18220

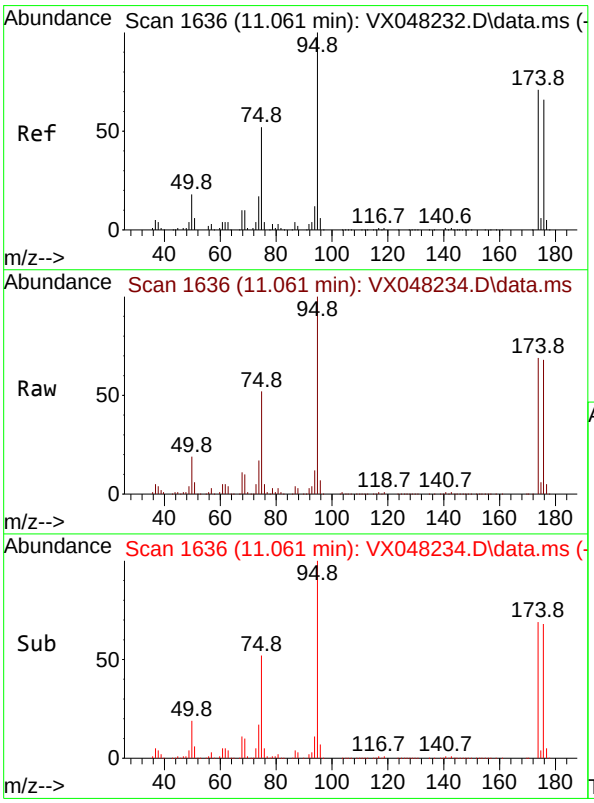
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.6 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

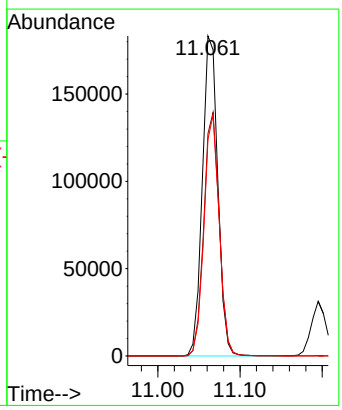
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

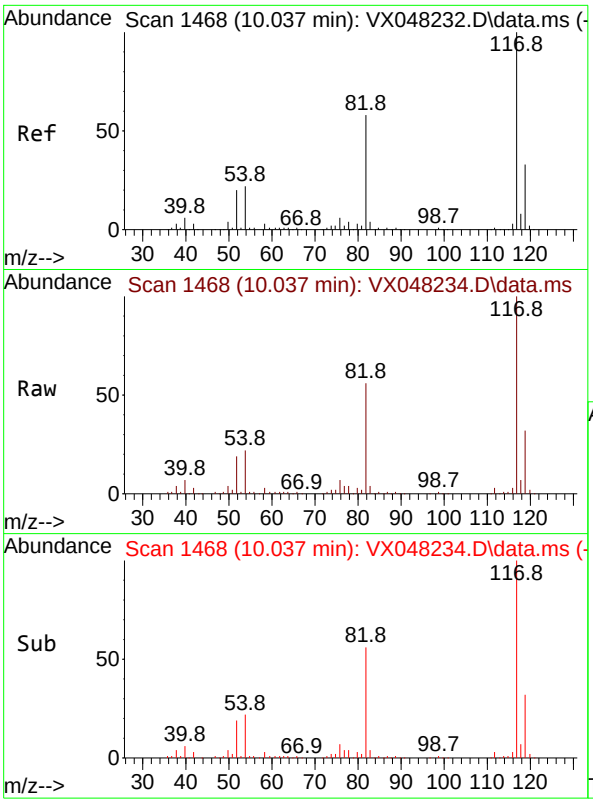



#62
4-Bromofluorobenzene
Concen: 145.255 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 95 Resp: 239298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.0 | 0.0 | 147.8 |
| 176 | 74.2 | 0.0 | 142.8 |

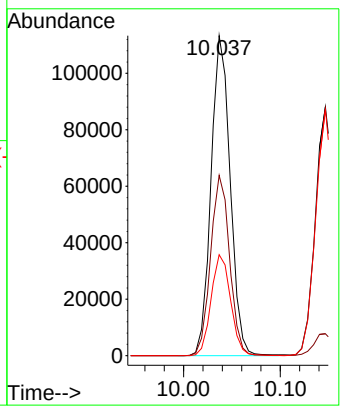





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 15575

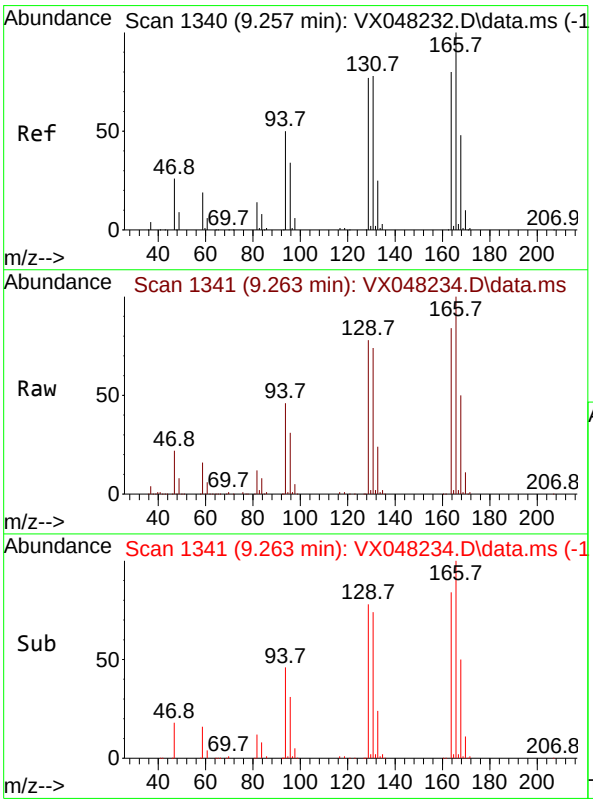
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.4 | 46.5 | 69.7 |
| 119 | 31.5 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

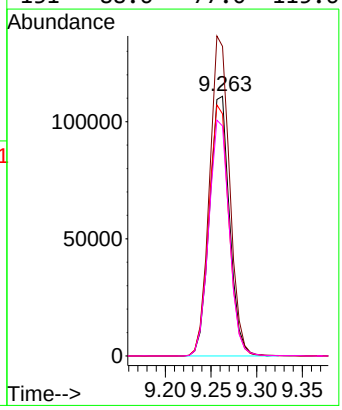
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

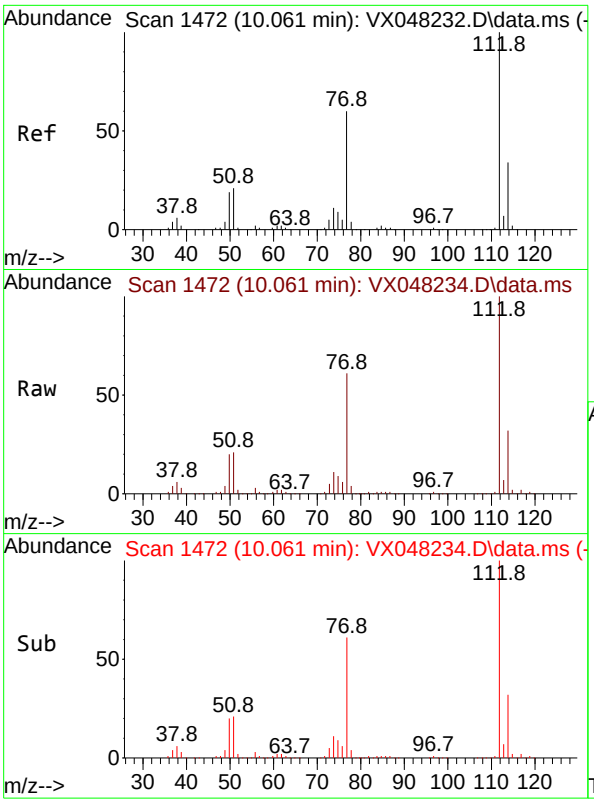



#64
Tetrachloroethene
Concen: 154.361 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:164 Resp: 168581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 119.3 | 104.5 | 156.7 |
| 129 | 93.2 | 81.8 | 122.6 |
| 131 | 88.6 | 77.0 | 115.6 |

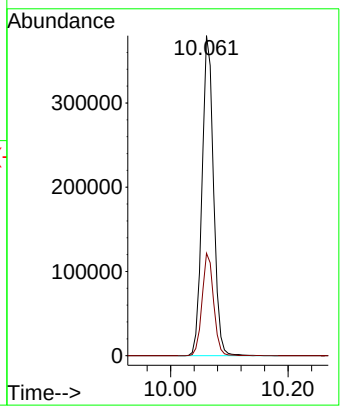





#65
Chlorobenzene
Concen: 151.209 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:112 Resp: 51496

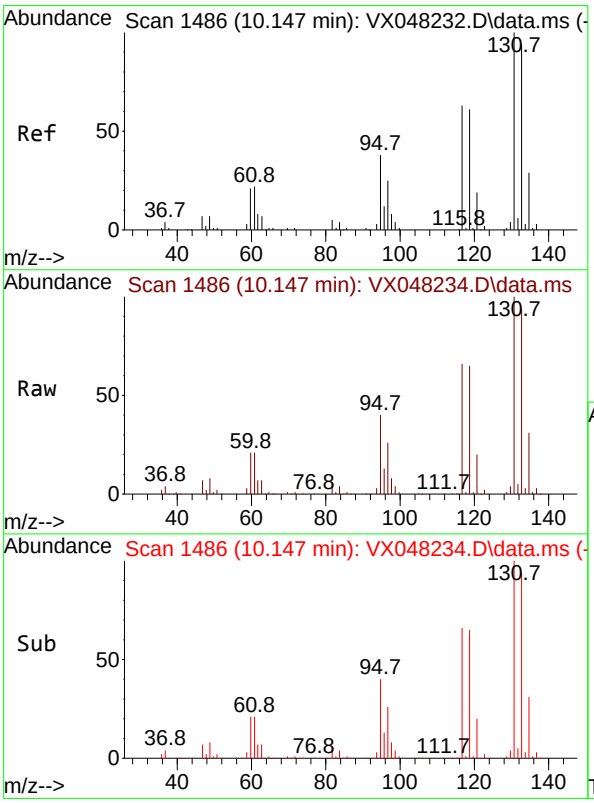
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.0 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

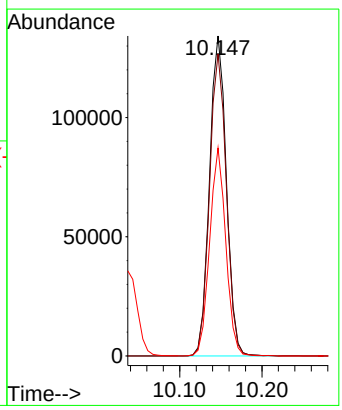
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

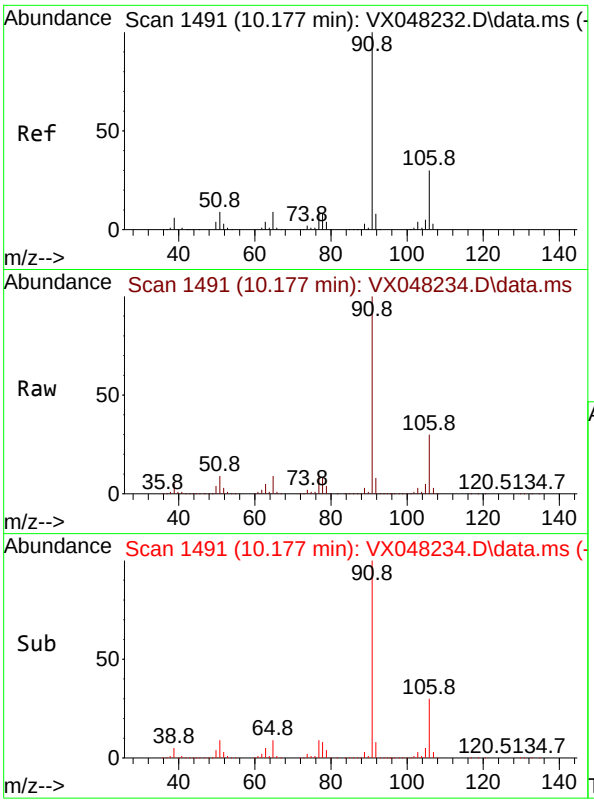



#66
1,1,1,2-Tetrachloroethane
Concen: 155.782 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:131 Resp: 191186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.4 | 47.6 | 142.8 |
| 119 | 62.3 | 32.5 | 97.5 |

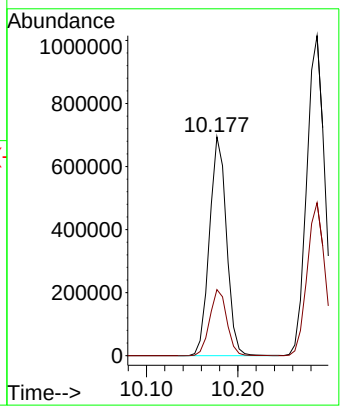





#67
Ethyl Benzene
Concen: 153.825 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 89813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.2 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

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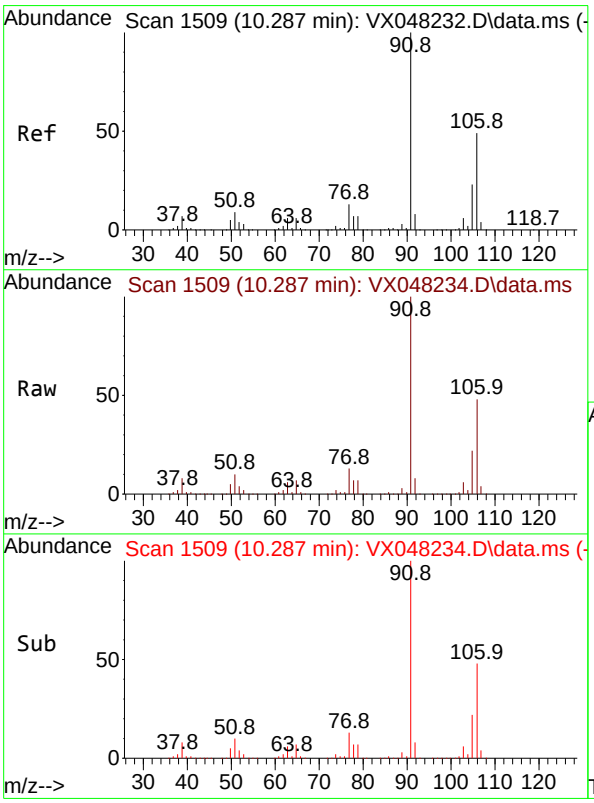
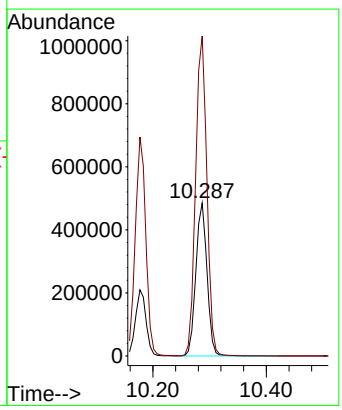
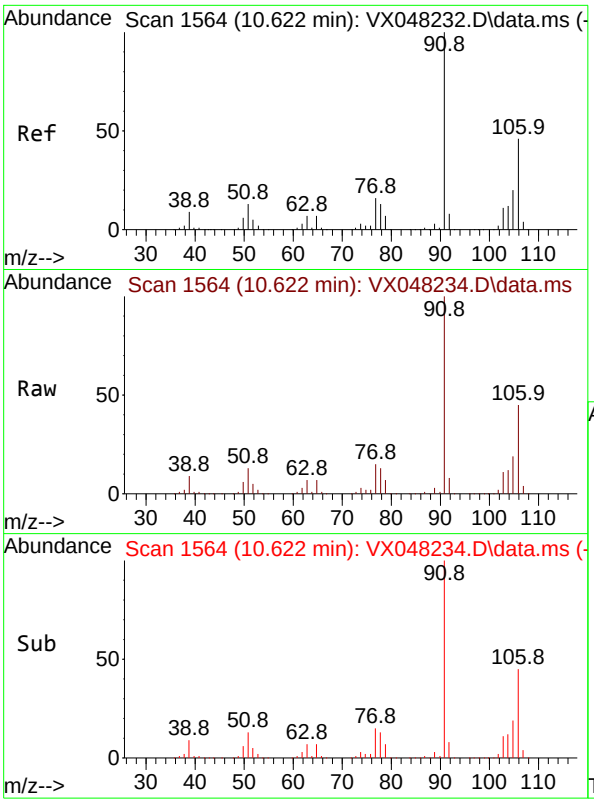



#68
m/p-Xylenes
Concen: 303.896 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:106 Resp: 661019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.4 | 167.9 | 251.9 |

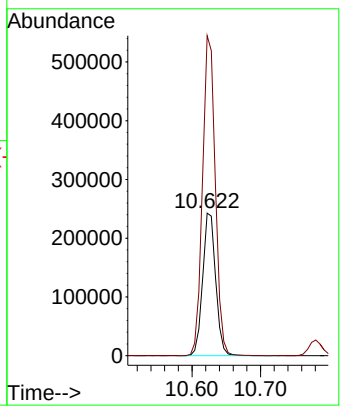





#69
o-Xylene
Concen: 156.444 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:106 Resp: 32033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.5 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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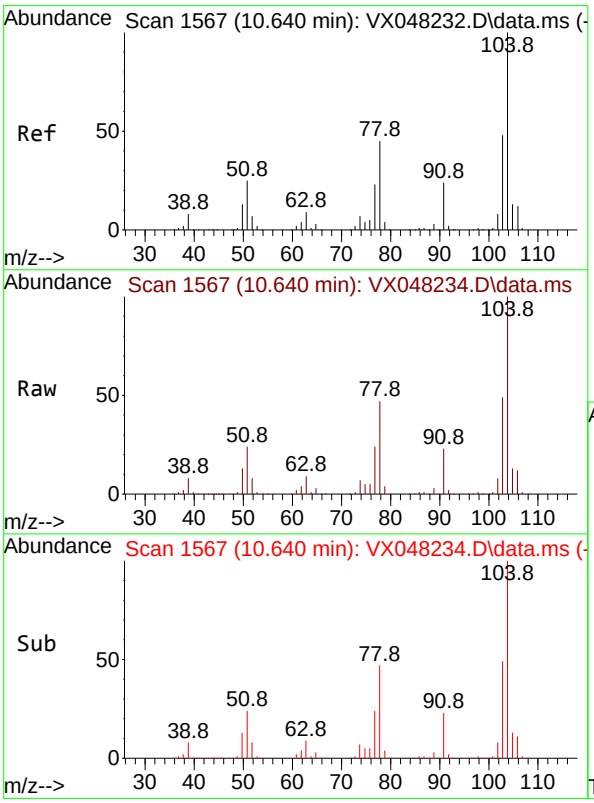
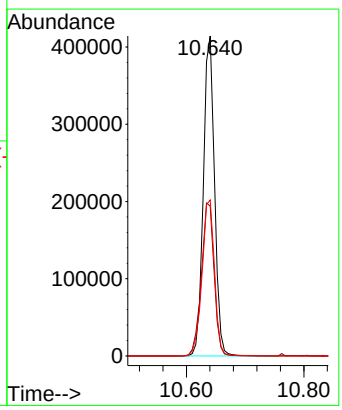
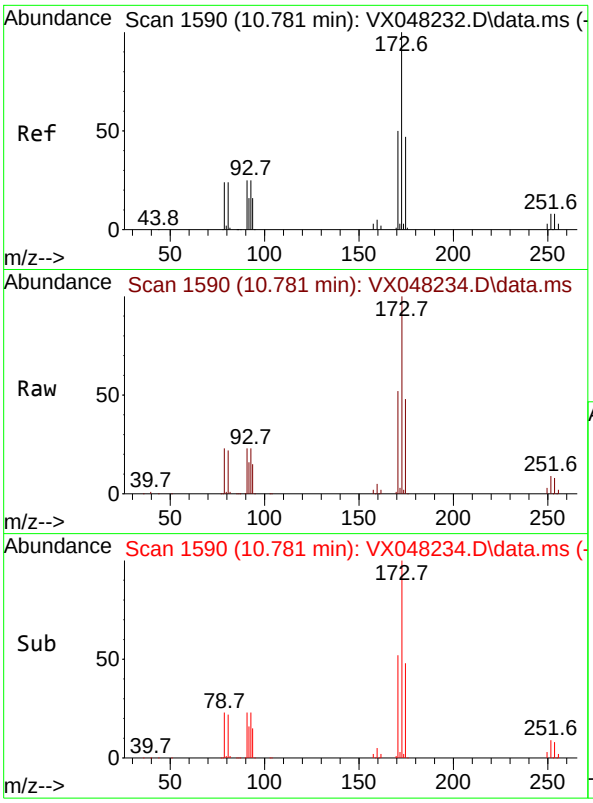



#70
Styrene
Concen: 155.523 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:104 Resp: 548149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.3 | 42.2 | 63.4 |
| 103 | 54.4 | 43.0 | 64.4 |

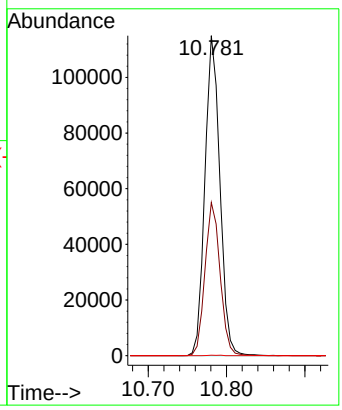





#71
Bromoform
Concen: 168.892 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:173 Resp: 15220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 24.0 | 72.0 |
| 254 | 0.1 | 0.0 | 0.0# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

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Reviewed By :John Carlone 10/21/2025
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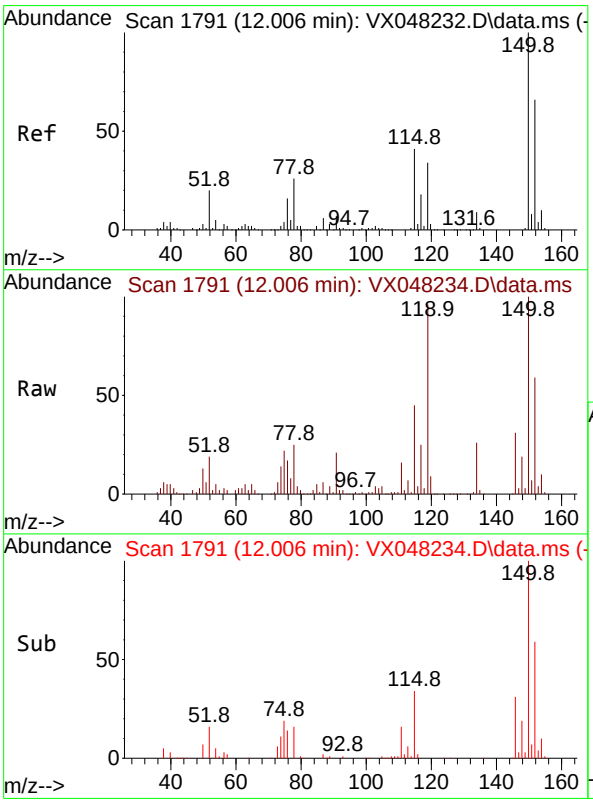
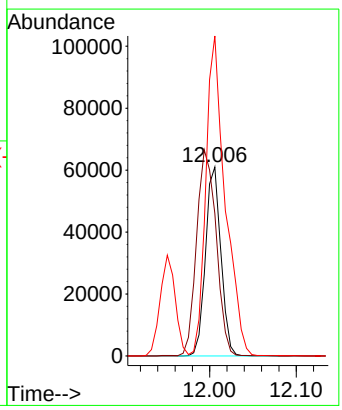
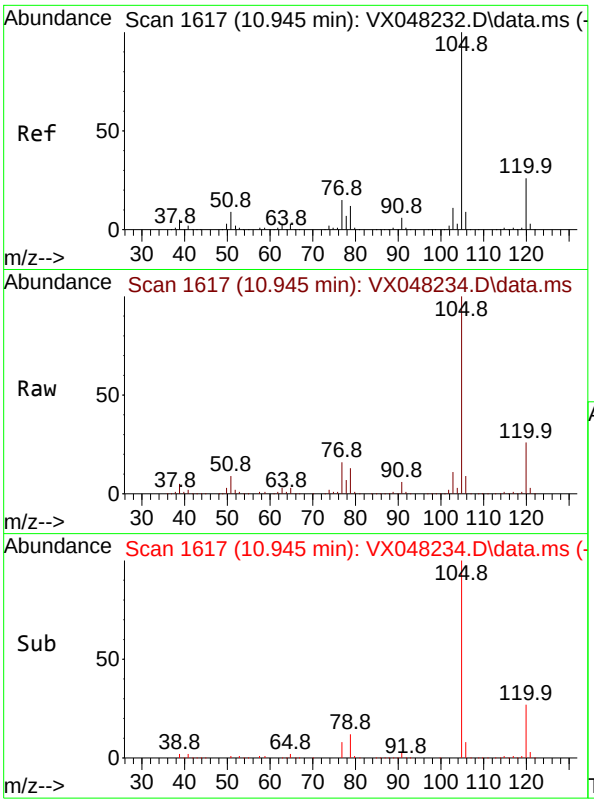



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:152 Resp: 75397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 138.9 | 43.1 | 129.4# |
| 150 | 212.6 | 0.0 | 353.0 |

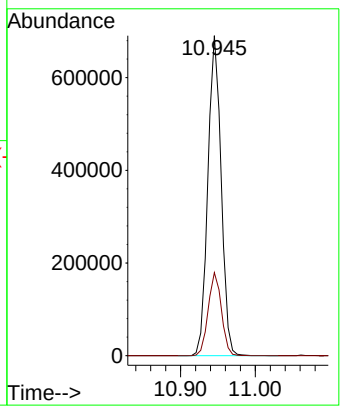





#73
Isopropylbenzene
Concen: 161.931 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 84918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 13.0 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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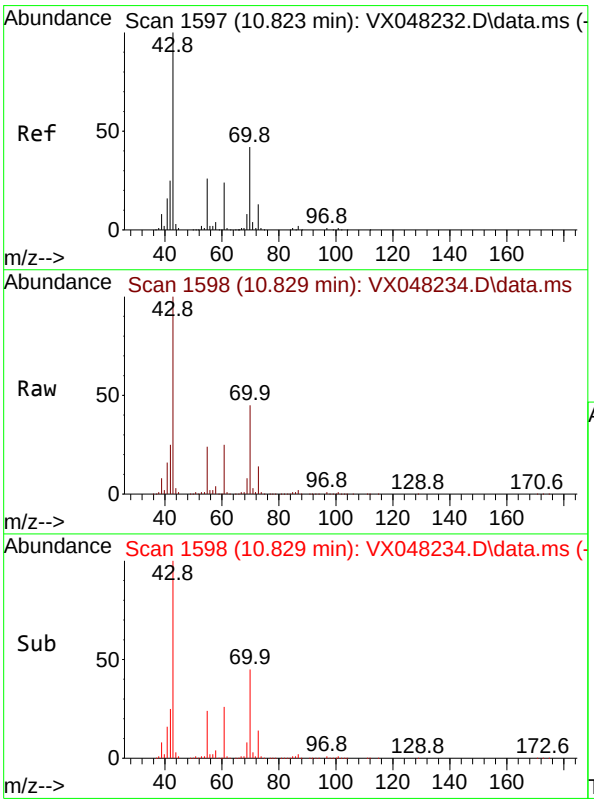
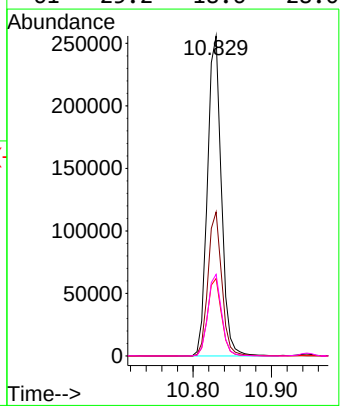
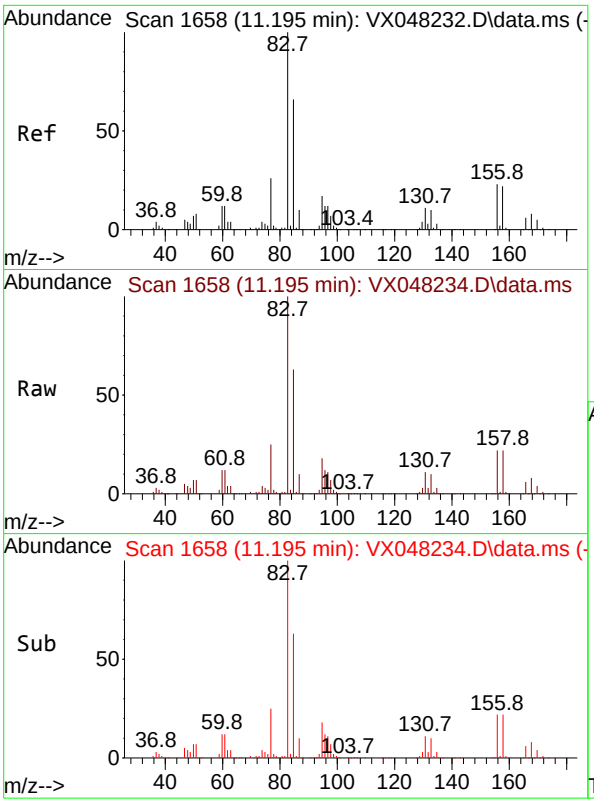



#74
N-amyl acetate
Concen: 160.952 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 314879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.5 | 32.2 | 48.2 |
| 55 | 24.4 | 19.1 | 28.7 |
| 61 | 25.2 | 18.6 | 28.0 |

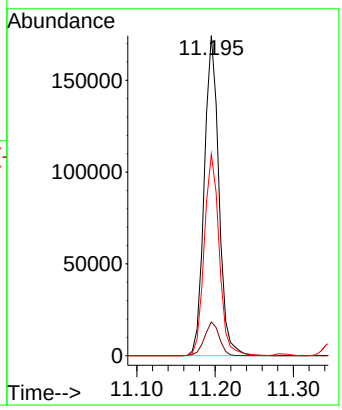





#75
1,1,2,2-Tetrachloroethane
Concen: 151.104 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 22448

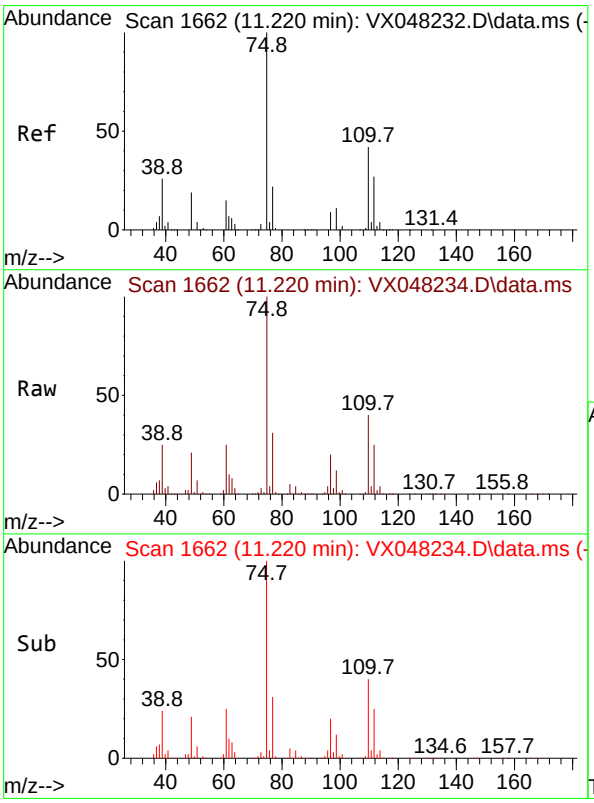
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.7 | 4.8 | 14.4 |
| 85 | 64.6 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

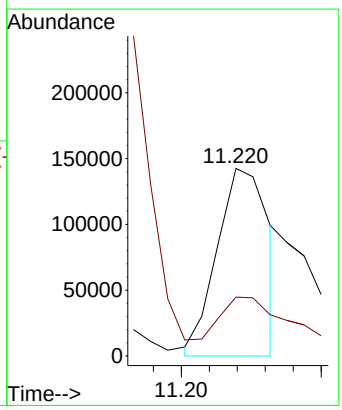
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

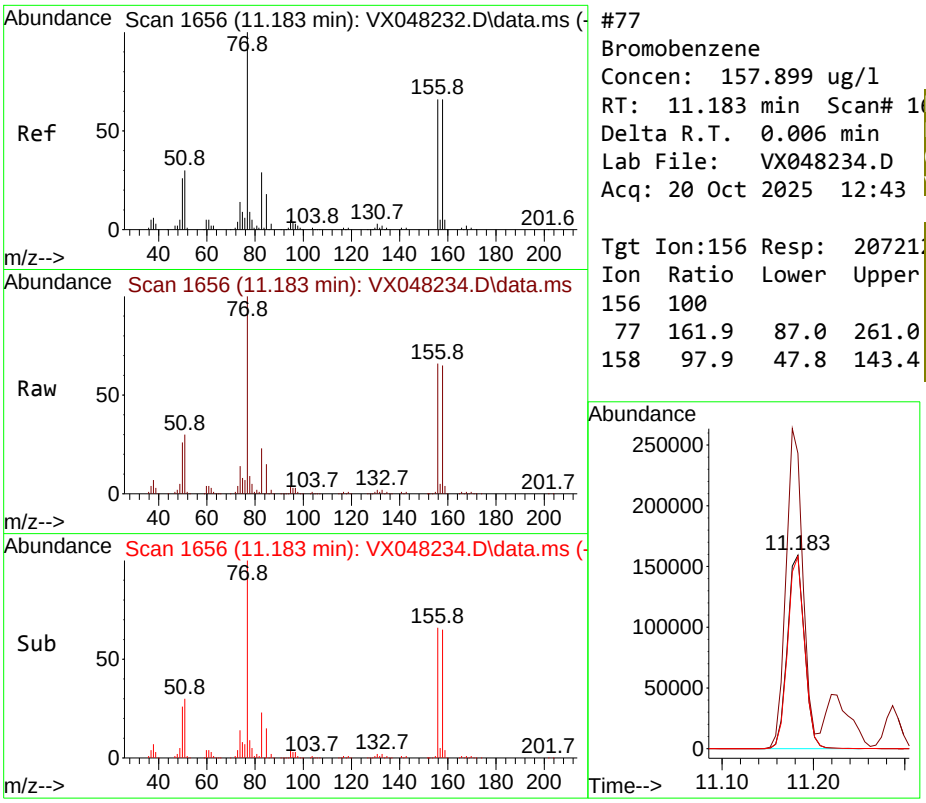



#76
1,2,3-Trichloropropane
Concen: 157.586 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 181434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.8 | 22.4 | 67.2 |






#77
Bromobenzene
Concen: 157.899 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:156 Resp: 20721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 161.9 | 87.0 | 261.0 |
| 158 | 97.9 | 47.8 | 143.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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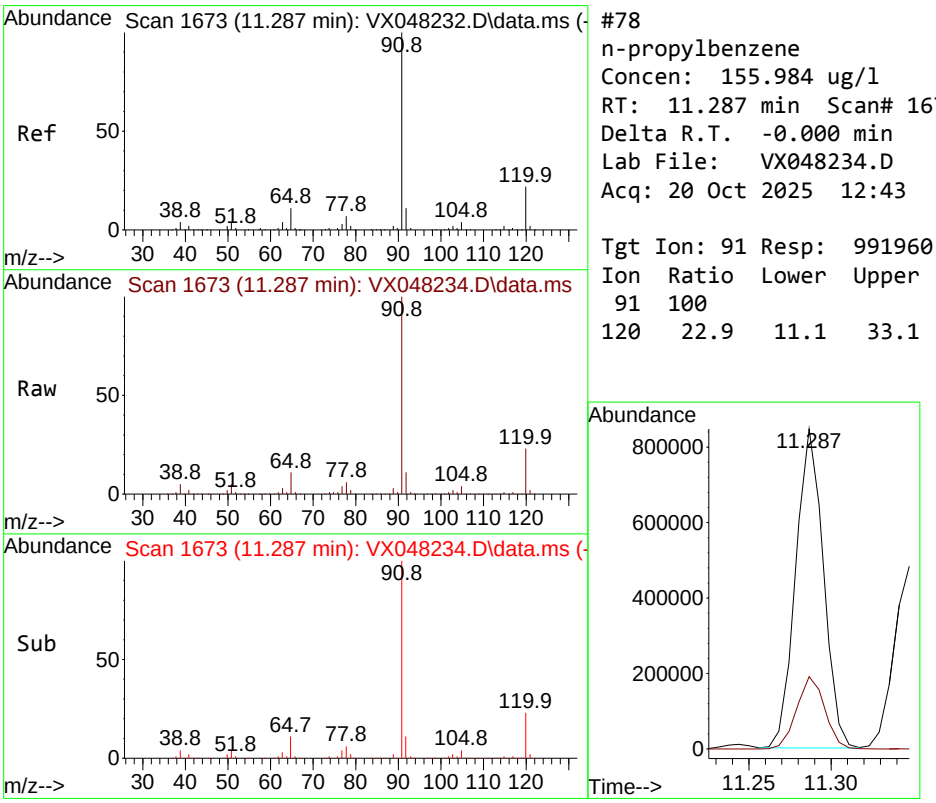
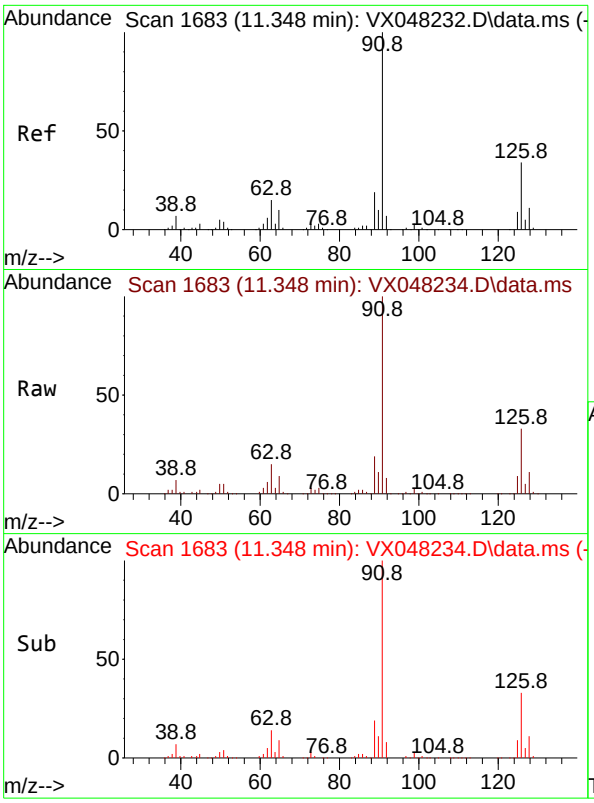



#78
n-propylbenzene
Concen: 155.984 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 991960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.9 | 11.1 | 33.1 |




#79
2-Chlorotoluene
Concen: 152.465 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 58579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.5 | 16.4 | 49.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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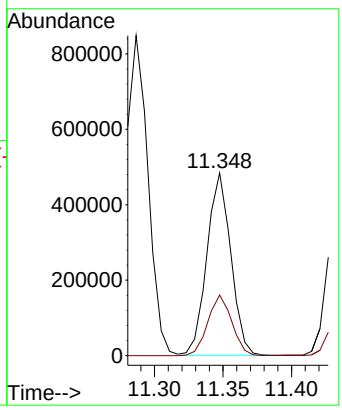
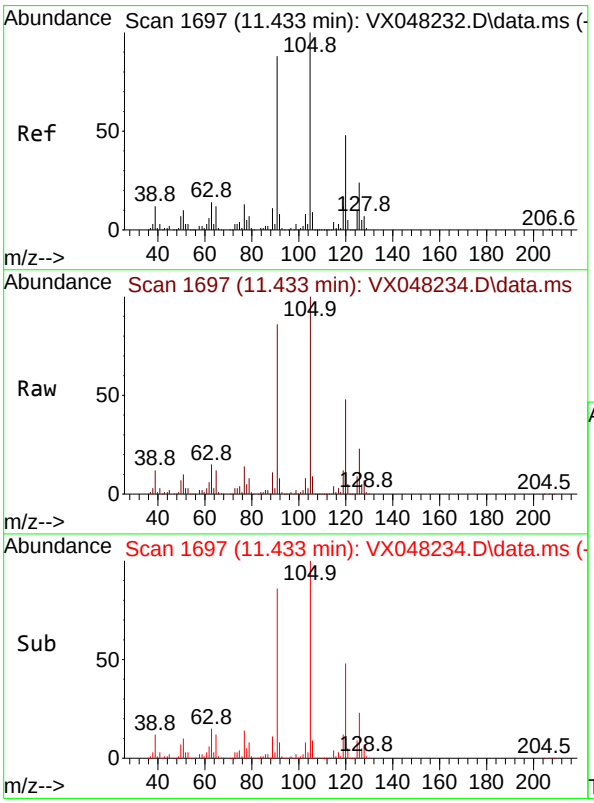
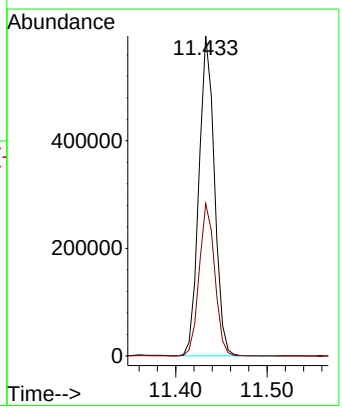


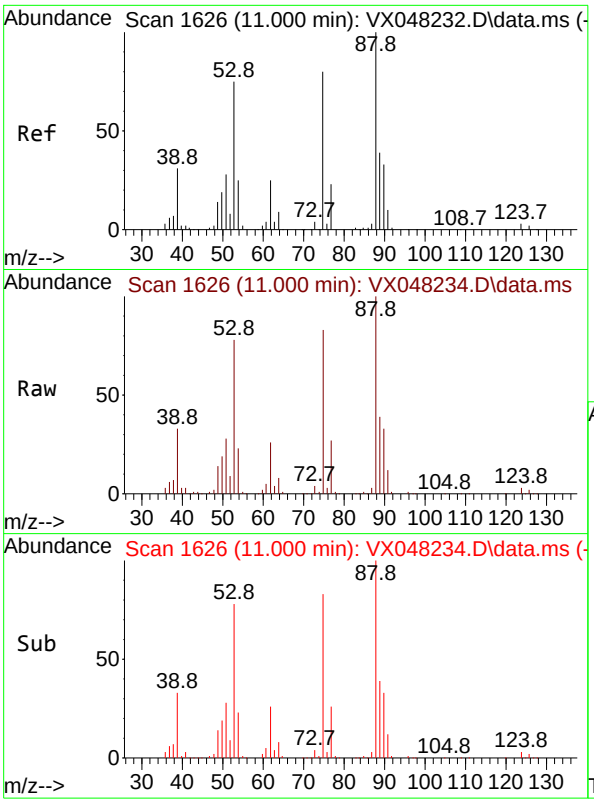




#80
1,3,5-Trimethylbenzene
Concen: 162.591 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 699885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.7 | 24.0 | 72.0 |

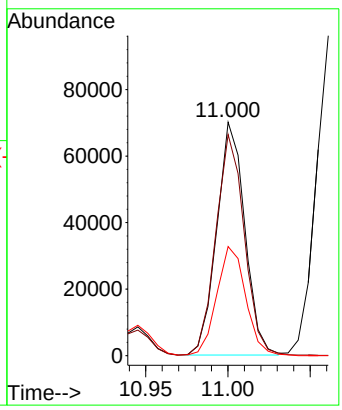





#81
trans-1,4-Dichloro-2-butene
Concen: 176.858 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 8315

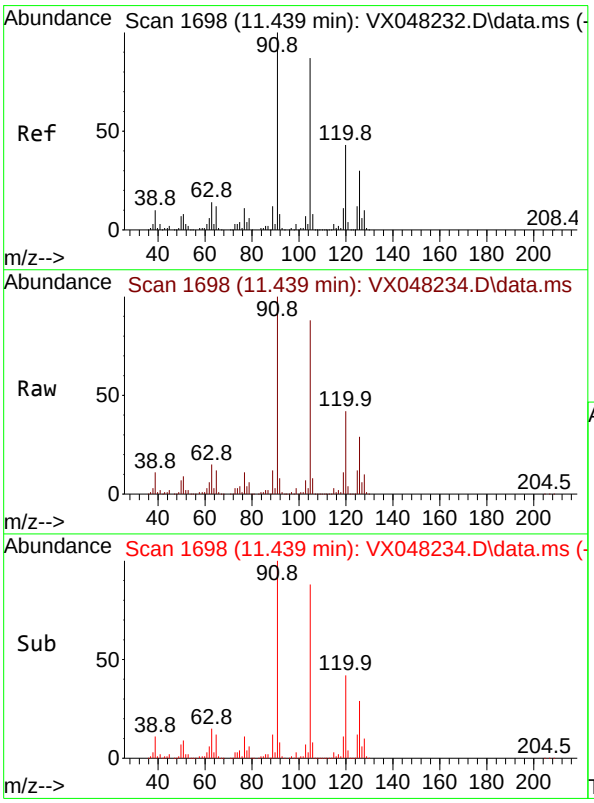
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 96.5 | 79.5 | 119.3 |
| 89 | 48.6 | 36.8 | 55.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

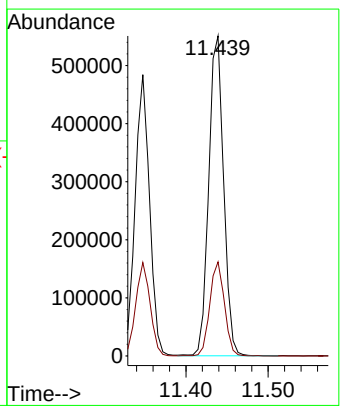
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

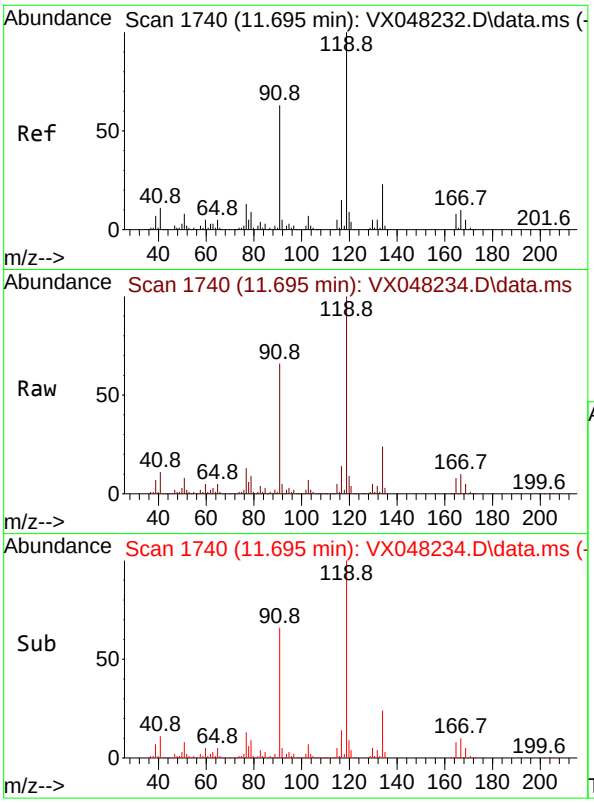



#82
4-Chlorotoluene
Concen: 153.240 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 691903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.0 | 14.1 | 42.4 |

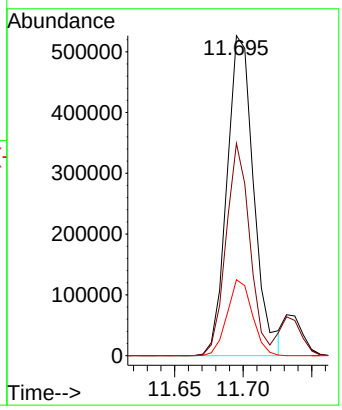





#83
tert-Butylbenzene
Concen: 165.020 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:119 Resp: 71764

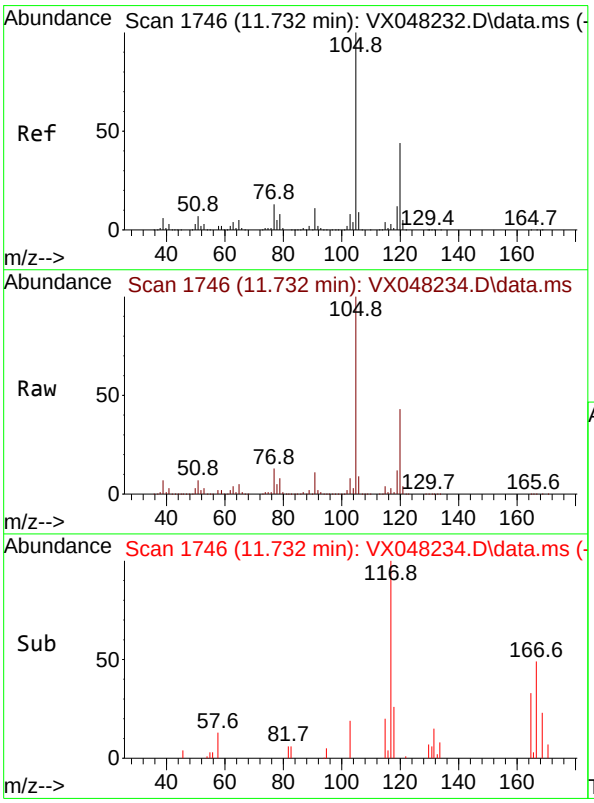
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 58.9 | 30.3 | 91.0 |
| 134 | 22.3 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

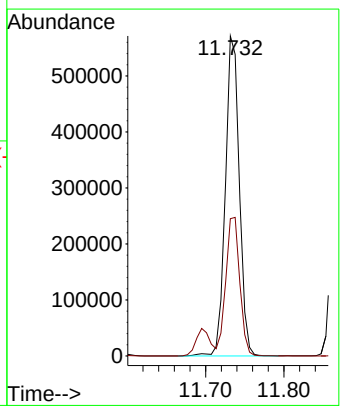
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

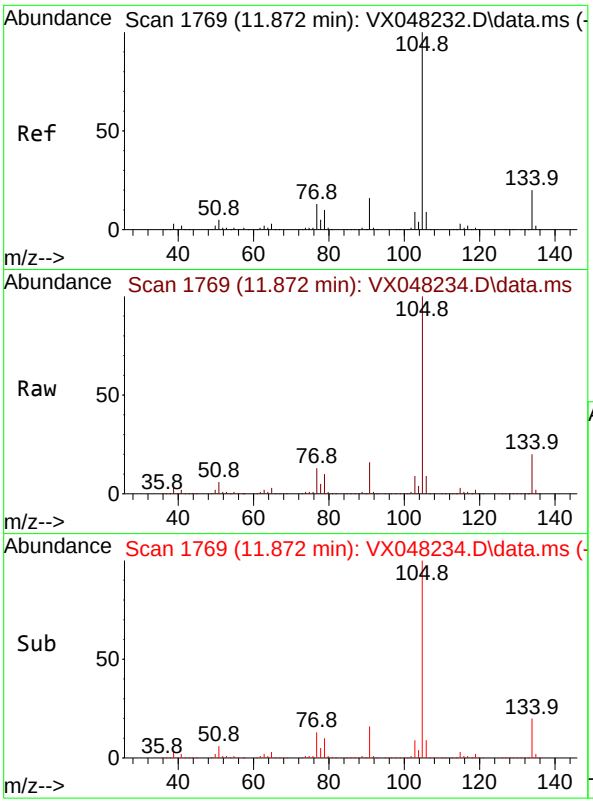



#84
1,2,4-Trimethylbenzene
Concen: 164.961 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 707074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 22.1 | 66.5 |

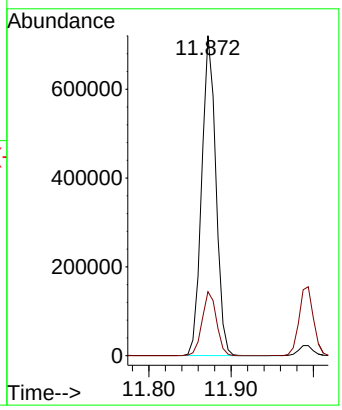





#85
sec-Butylbenzene
Concen: 162.035 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 86146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.3 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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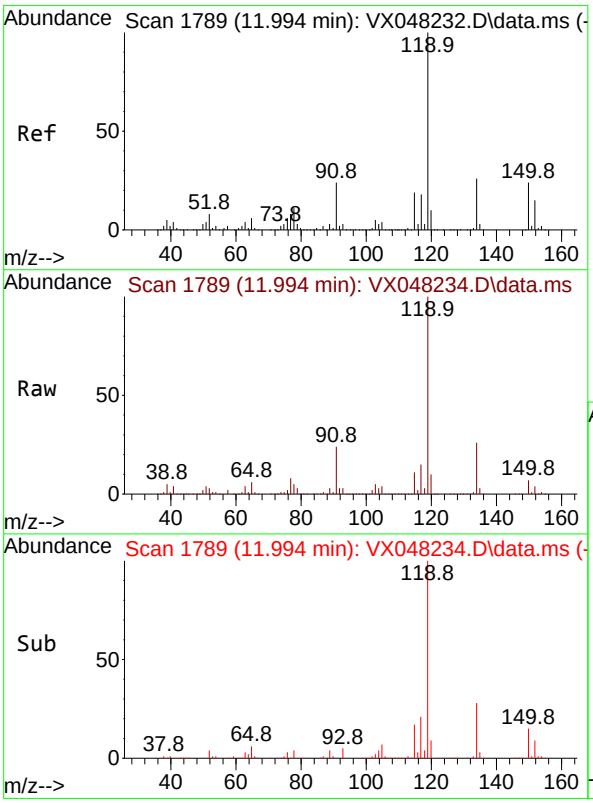
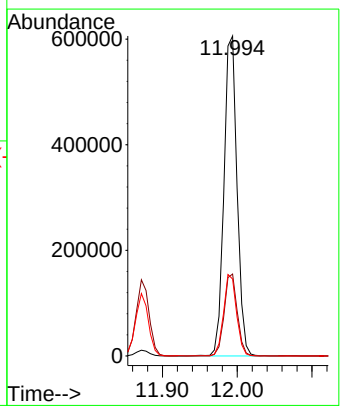
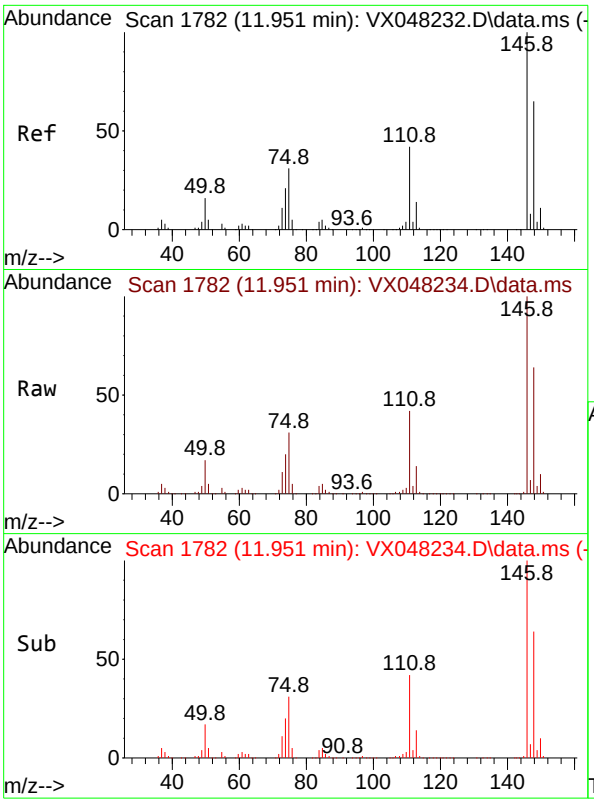



#86
p-Isopropyltoluene
Concen: 164.794 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:119 Resp: 738496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 13.0 | 39.0 |
| 91 | 25.1 | 12.1 | 36.3 |

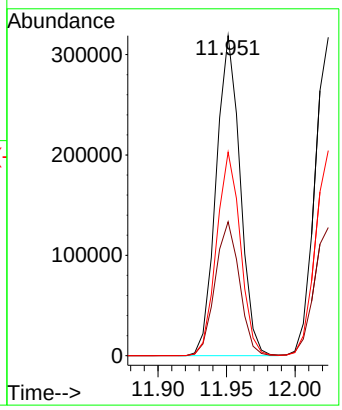





#87
1,3-Dichlorobenzene
Concen: 157.307 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:146 Resp: 38606

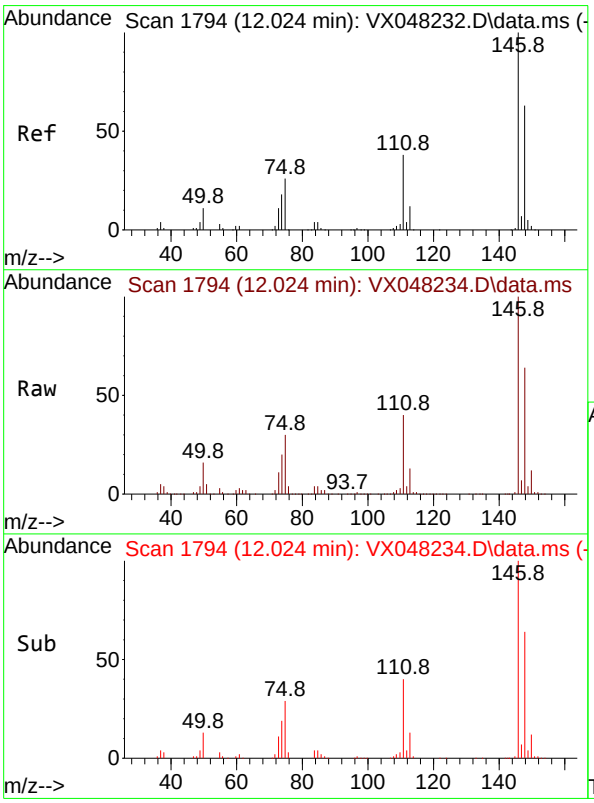
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.7 | 20.4 | 61.2 |
| 148 | 63.5 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

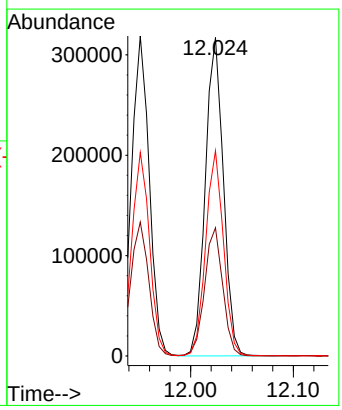
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

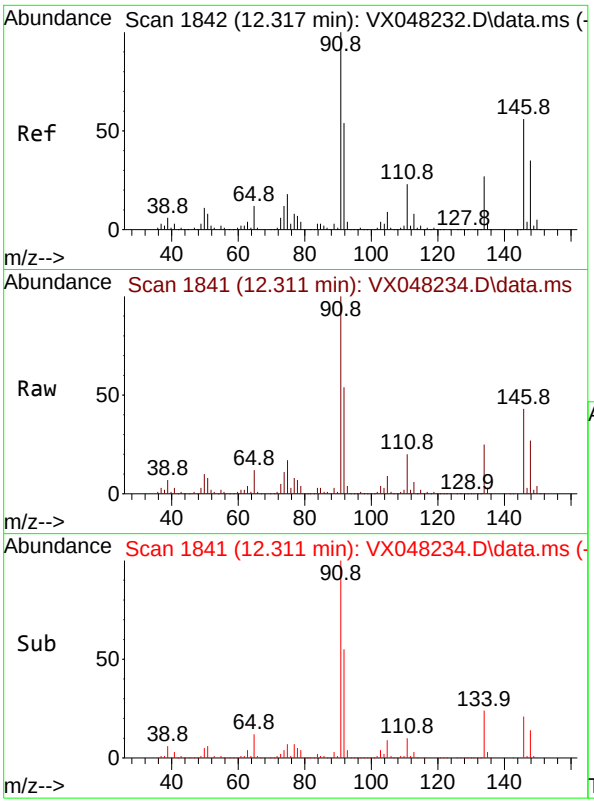



#88
1,4-Dichlorobenzene
Concen: 152.078 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:146 Resp: 386885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.1 | 60.2 |
| 148 | 63.4 | 31.8 | 95.3 |

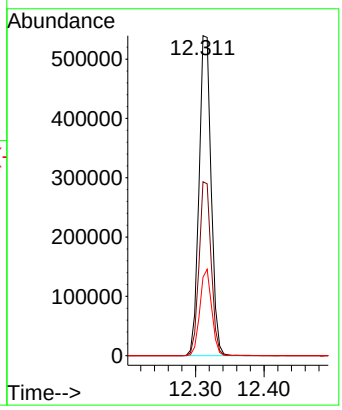





#89
n-Butylbenzene
Concen: 159.098 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 66407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.4 | 26.9 | 80.6 |
| 134 | 26.3 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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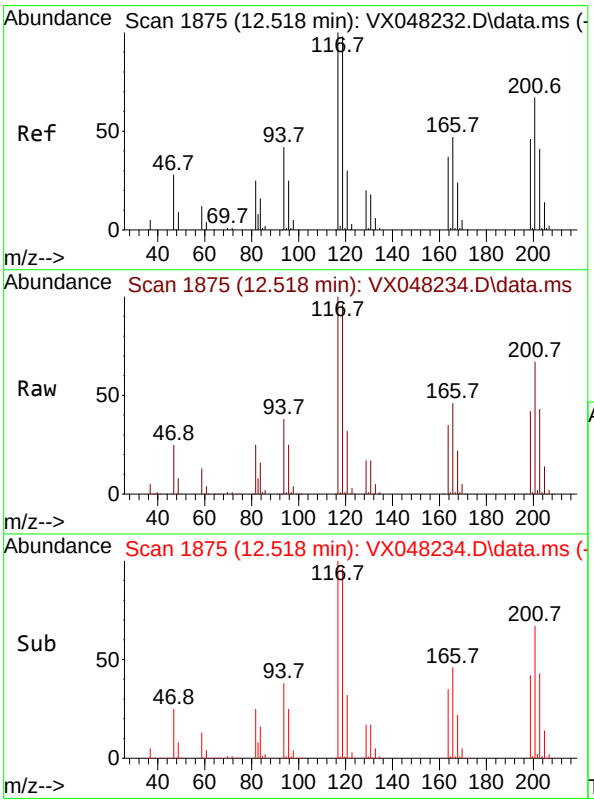
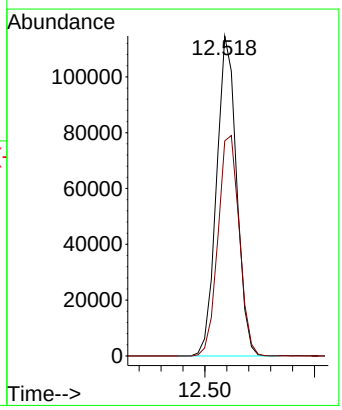
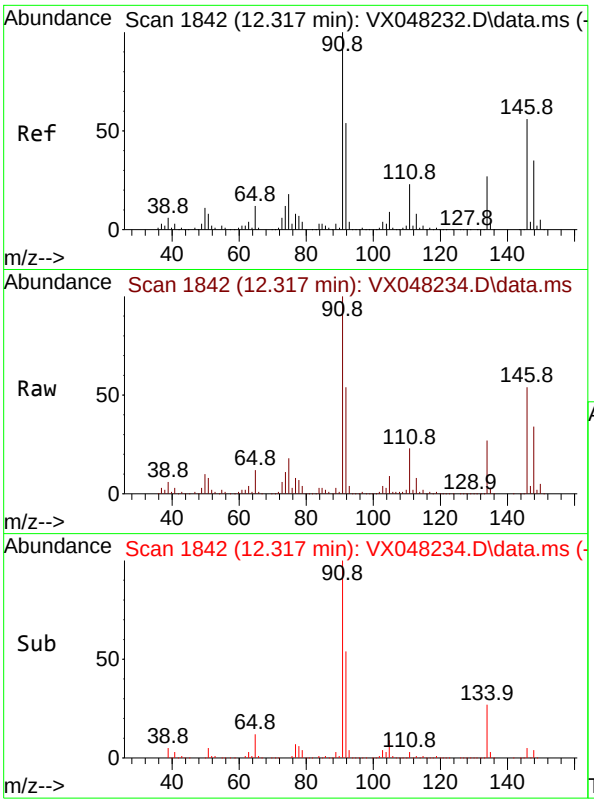



#90
Hexachloroethane
Concen: 154.159 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 145813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 73.0 | 34.1 | 102.2 |

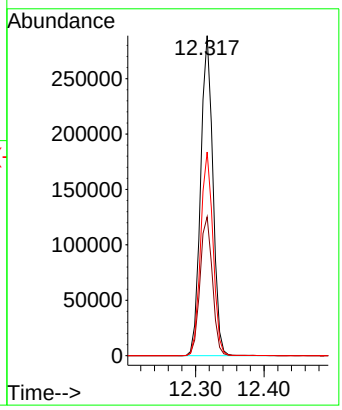





#91
1,2-Dichlorobenzene
Concen: 154.946 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:146 Resp: 35927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.8 | 21.9 | 65.5 |
| 148 | 64.4 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

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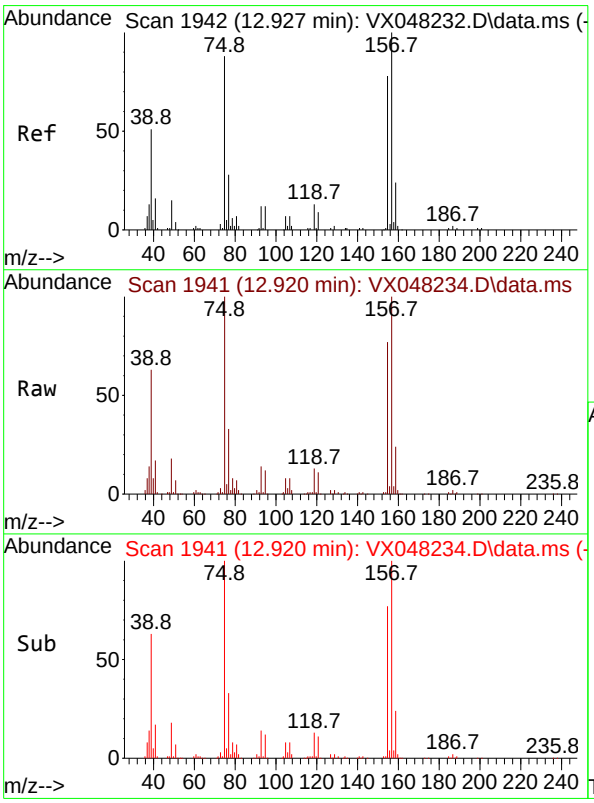
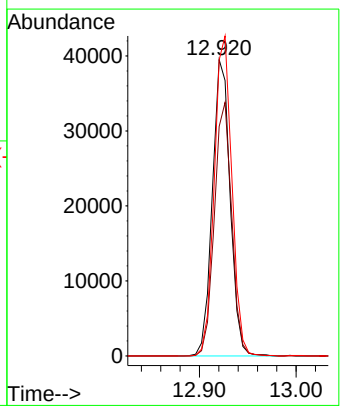
Supervised By :Semsettin Yesilyurt 10/21/2025

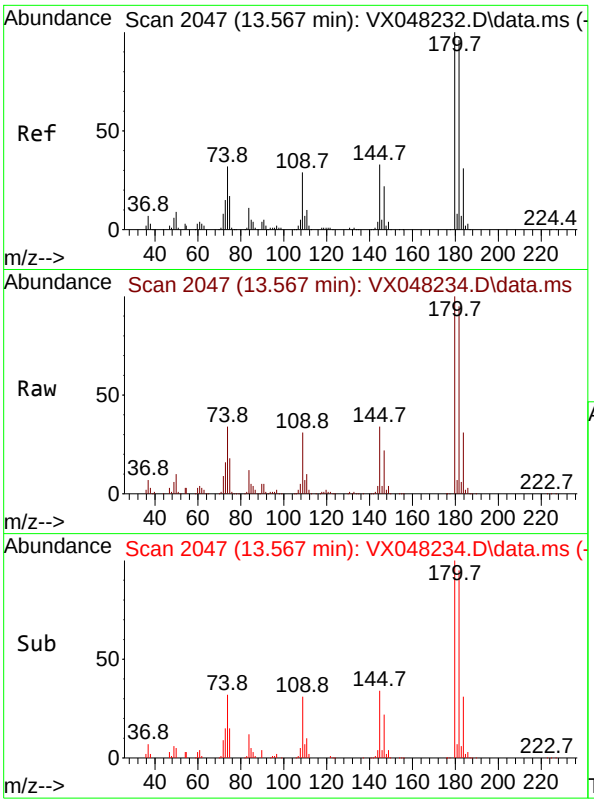



#92
1,2-Dibromo-3-Chloropropane
Concen: 185.536 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 50367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.7 | 42.8 | 128.4 |
| 157 | 106.9 | 54.2 | 162.6 |

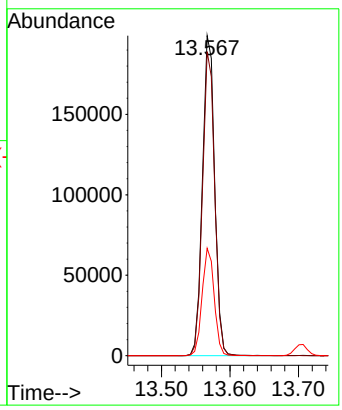





#93
1,2,4-Trichlorobenzene
Concen: 180.791 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

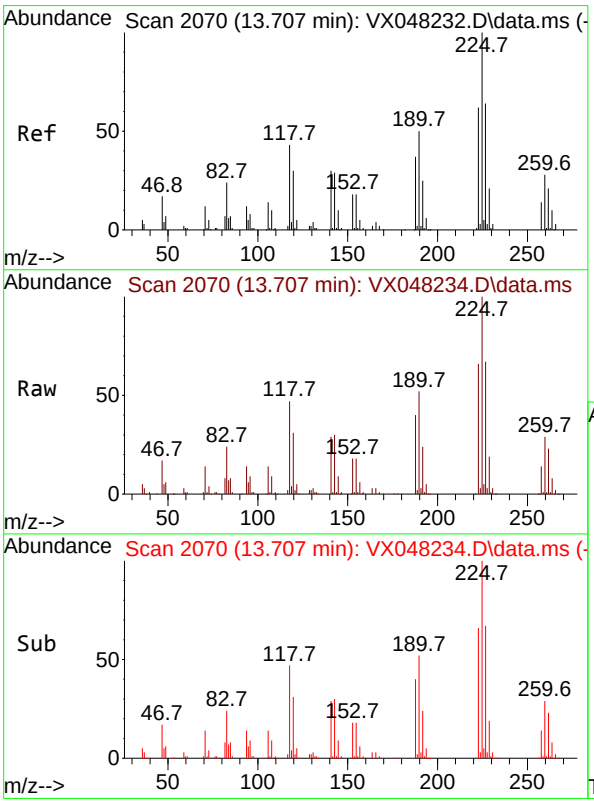
Tgt Ion:180 Resp: 24747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 47.3 | 142.0 |
| 145 | 33.2 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

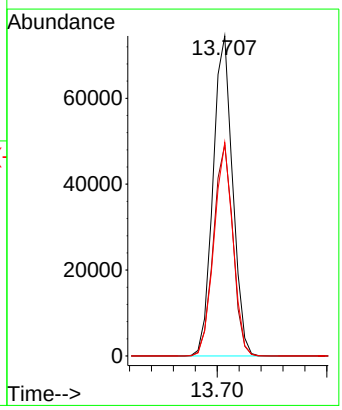
**Manual Integrations APPROVED**
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

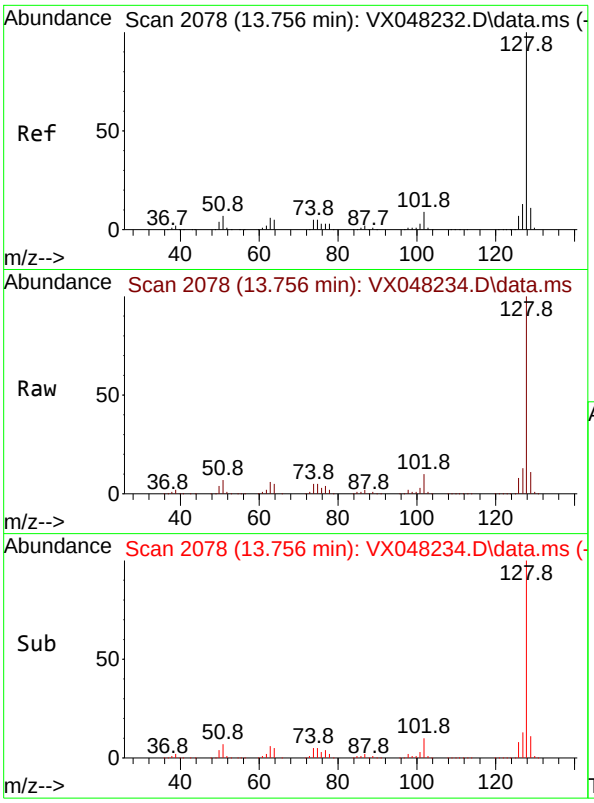



#94
Hexachlorobutadiene
Concen: 175.138 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:225 Resp: 92458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.2 | 32.6 | 97.7 |
| 227 | 64.3 | 32.5 | 97.4 |

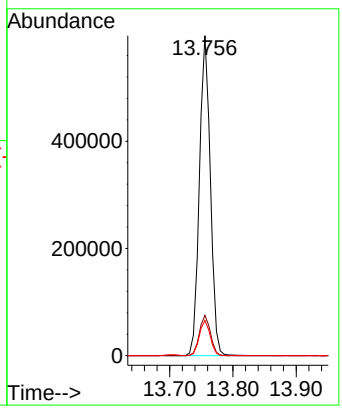





#95
Naphthalene
Concen: 199.386 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:128 Resp: 71943

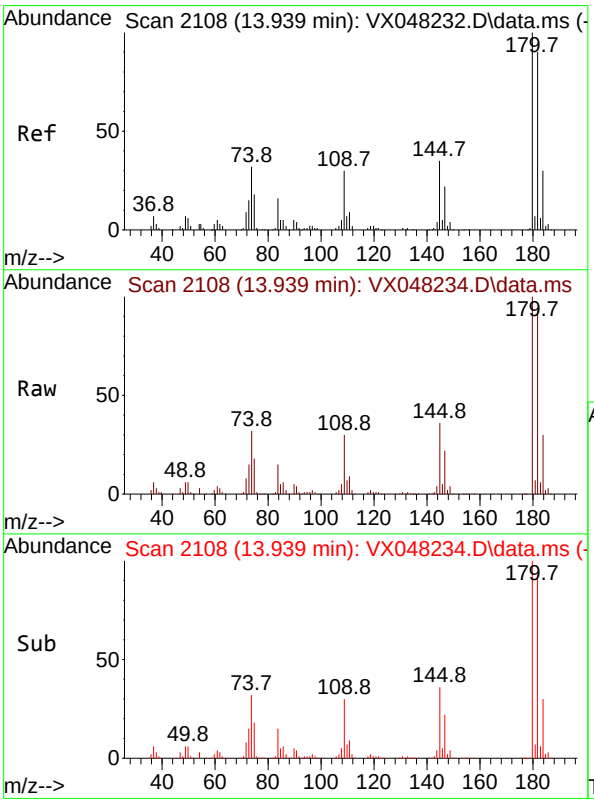
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.2 | 15.4 |
| 129 | 11.0 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

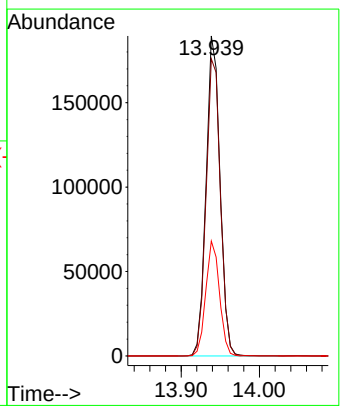
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025




#96
1,2,3-Trichlorobenzene
Concen: 185.022 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:180 Resp: 233671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 46.6 | 139.7 |
| 145 | 35.4 | 16.9 | 50.7 |



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) Pentafluorobenzene | 5.537 | 168 | 138374 | 50.000 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.751 | 114 | 228619 | 50.000 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 208481 | 50.000 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 105998 | 50.000 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 10036 | 4.008 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 8.020%# | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 7733 | 3.839 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 7.680%# | | | |
| 50) Toluene-d8 | 8.634 | 98 | 27914 | 3.999 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 8.000%# | | | |
| 62) 4-Bromofluorobenzene | 11.067 | 95 | 11429 | 4.042 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 8.080%# | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 7219 | 5.194 | ug/l | | 93 |
| 3) Chloromethane | 1.300 | 50 | 7032 | 5.531 | ug/l | | 95 |
| 4) Vinyl Chloride | 1.380 | 62 | 6338 | 5.341 | ug/l | | 98 |
| 5) Bromomethane | 1.611 | 94 | 4789 | 5.918 | ug/l | | 99 |
| 6) Chloroethane | 1.691 | 64 | 3610 | 5.085 | ug/l | | 99 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 12170 | 5.319 | ug/l | | 96 |
| 8) Diethyl Ether | 2.136 | 74 | 3283 | 5.035 | ug/l | | 87 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 7656 | 5.264 | ug/l | | 92 |
| 10) Methyl Iodide | 2.453 | 142 | 7871 | 4.284 | ug/l | | 98 |
| 11) Tert butyl alcohol | 2.940 | 59 | 5994 | 33.503 | ug/l | # | 80 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 7107 | 4.991 | ug/l | | 91 |
| 13) Acrolein | 2.233 | 56 | 5456 | 27.637 | ug/l | | 96 |
| 14) Allyl chloride | 2.666 | 41 | 11531 | 4.839 | ug/l | | 96 |
| 15) Acrylonitrile | 3.062 | 53 | 16982 | 24.912 | ug/l | | 97 |
| 16) Acetone | 2.373 | 43 | 18141 | 27.636 | ug/l | | 100 |
| 17) Carbon Disulfide | 2.520 | 76 | 23369 | 5.270 | ug/l | | 96 |
| 18) Methyl Acetate | 2.703 | 43 | 6418 | 4.639 | ug/l | | 98 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 22931 | 4.663 | ug/l | | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 8228 | 5.163 | ug/l | # | 81 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 8343 | 5.393 | ug/l | | 94 |
| 22) Diisopropyl ether | 3.757 | 45 | 23533 | 4.984 | ug/l | # | 97 |
| 23) Vinyl Acetate | 3.721 | 43 | 91771 | 24.336 | ug/l | # | 90 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 14582 | 5.126 | ug/l | # | 97 |
| 25) 2-Butanone | 4.550 | 43 | 21808 | 26.293 | ug/l | # | 89 |
| 26) 2,2-Dichloropropane | 4.471 | 77 | 13077 | 5.066 | ug/l | | 99 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 9312 | 5.084 | ug/l | | 96 |
| 28) Bromochloromethane | 4.885 | 49 | 6488 | 5.474 | ug/l | # | 89 |
| 29) Tetrahydrofuran | 4.995 | 42 | 12637 | 25.353 | ug/l | | 98 |
| 30) Chloroform | 5.086 | 83 | 15814 | 5.159 | ug/l | | 96 |
| 31) Cyclohexane | 5.458 | 56 | 11661 | 4.943 | ug/l | | 98 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 14399 | 5.115 | ug/l | | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 10855 | 5.001 | ug/l | | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 9058m | 4.970 | ug/l | | |
| 38) Carbon Tetrachloride | 5.672 | 117 | 14225 | 5.323 | ug/l | # | 81 |
| 39) Methylcyclohexane | 7.366 | 83 | 13491 | 5.318 | ug/l | | 97 |
| 40) Benzene | 6.031 | 78 | 32115 | 5.103 | ug/l | | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.922 | 41 | 4538m | 4.817 ug/l | |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 11412 | 4.870 ug/l | 100 |
| 43) Isopropyl Acetate | 6.330 | 43 | 13996 | 4.656 ug/l # | 93 |
| 44) Trichloroethene | 7.110 | 130 | 8373 | 5.009 ug/l | 93 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 7709 | 5.129 ug/l | 99 |
| 46) Dibromomethane | 7.568 | 93 | 6041 | 5.181 ug/l | 91 |
| 47) Bromodichloromethane | 7.811 | 83 | 12974 | 5.126 ug/l | 97 |
| 48) Methyl methacrylate | 7.683 | 41 | 6863 | 4.542 ug/l | 94 |
| 49) 1,4-Dioxane | 7.659 | 88 | 2020 | 103.402 ug/l | 97 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 42725 | 24.936 ug/l | 97 |
| 52) Toluene | 8.708 | 92 | 21137 | 5.296 ug/l | 97 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 12015 | 4.914 ug/l | 98 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 12702 | 4.820 ug/l | 90 |
| 55) 1,1,2-Trichloroethane | 9.140 | 97 | 8113 | 5.453 ug/l | 91 |
| 56) Ethyl methacrylate | 9.104 | 69 | 10320 | 4.713 ug/l | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 13087 | 5.112 ug/l | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.232 | 63 | 20764 | 19.525 ug/l | 98 |
| 59) 2-Hexanone | 9.415 | 43 | 30949 | 25.896 ug/l | 96 |
| 60) Dibromochloromethane | 9.506 | 129 | 10082 | 5.028 ug/l | 99 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 8079 | 5.075 ug/l | 100 |
| 64) Tetrachloroethene | 9.256 | 164 | 8020 | 5.341 ug/l | 92 |
| 65) Chlorobenzene | 10.061 | 112 | 23873 | 5.236 ug/l | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 8450 | 5.012 ug/l | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 39121 | 5.044 ug/l | 96 |
| 68) m/p-Xylenes | 10.287 | 106 | 30310 | 10.586 ug/l | 97 |
| 69) o-Xylene | 10.628 | 106 | 14262 | 5.128 ug/l | 98 |
| 70) Styrene | 10.640 | 104 | 24289 | 5.138 ug/l | 98 |
| 71) Bromoform | 10.780 | 173 | 6766 | 5.031 ug/l # | 96 |
| 73) Isopropylbenzene | 10.945 | 105 | 37935 | 5.082 ug/l | 99 |
| 74) N-amyl acetate | 10.829 | 43 | 12188 | 4.544 ug/l | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 10324 | 4.992 ug/l | 98 |
| 76) 1,2,3-Trichloropropane | 11.225 | 75 | 8134m | 4.889 ug/l | |
| 77) Bromobenzene | 11.183 | 156 | 9508 | 5.027 ug/l | 94 |
| 78) n-propylbenzene | 11.286 | 91 | 44189 | 5.097 ug/l | 99 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 26627 | 5.032 ug/l | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 30618 | 4.910 ug/l | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 3038 | 4.387 ug/l | 96 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 31357 | 5.017 ug/l | 97 |
| 83) tert-Butylbenzene | 11.695 | 119 | 32297 | 5.086 ug/l | 96 |
| 84) 1,2,4-Trimethylbenzene | 11.731 | 105 | 31709 | 5.129 ug/l | 100 |
| 85) sec-Butylbenzene | 11.872 | 105 | 39113 | 5.118 ug/l | 99 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 34155 | 5.185 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 18546 | 5.256 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 18787 | 5.081 ug/l | 91 |
| 89) n-Butylbenzene | 12.317 | 91 | 30409 | 5.069 ug/l | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 6863 | 5.210 ug/l | 98 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 16849 | 5.076 ug/l | 98 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.926 | 75 | 1984 | 4.680 ug/l | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.573 | 180 | 10538 | 4.693 ug/l | 98 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 5113 | 4.948 ug/l | 96 |
| 95) Naphthalene | 13.756 | 128 | 26218 | 4.374 ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 13.944 | 180 | 10040 | 4.906 ug/l | 97 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 2025
Response via : Initial Calibration

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

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

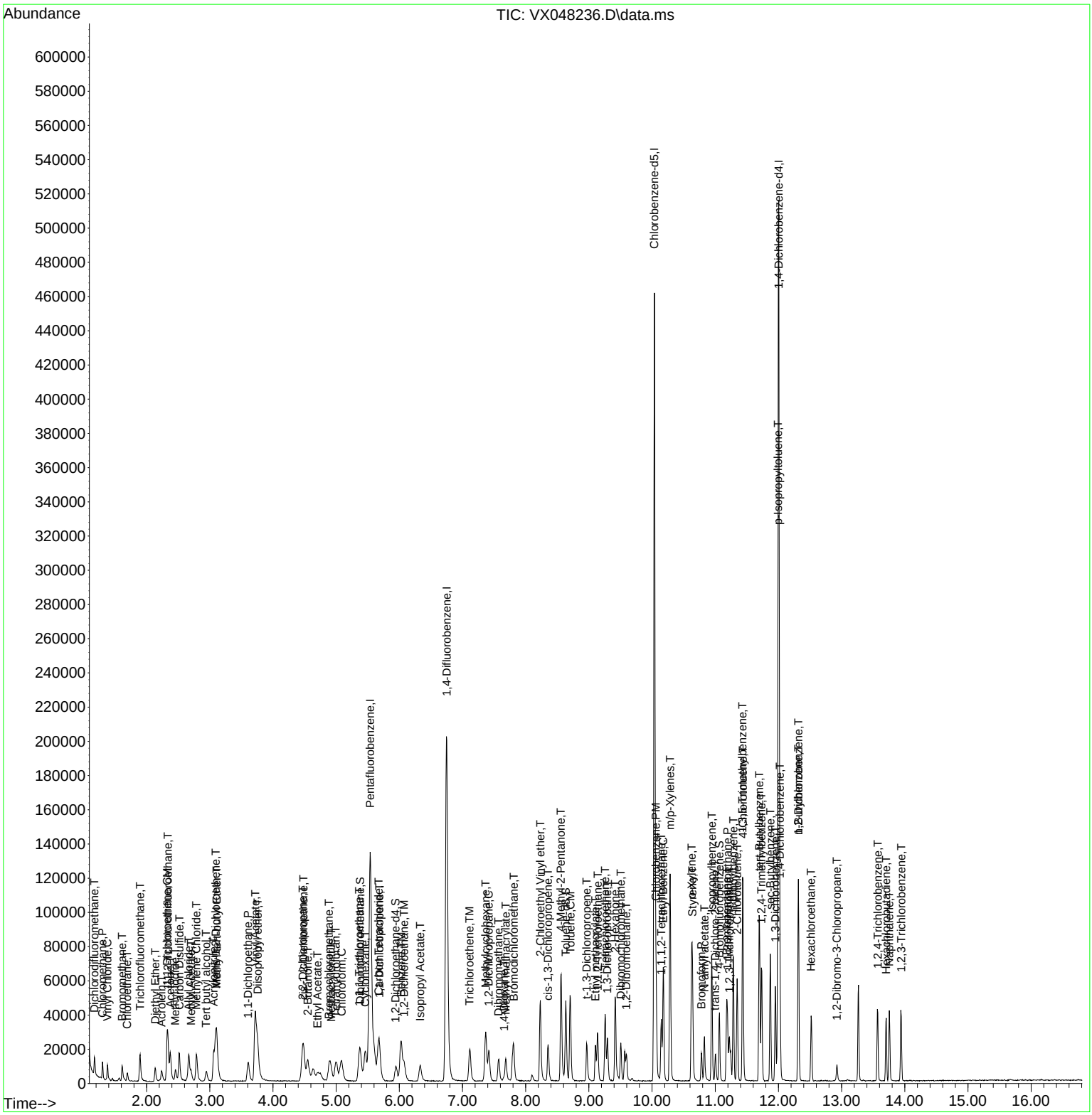
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

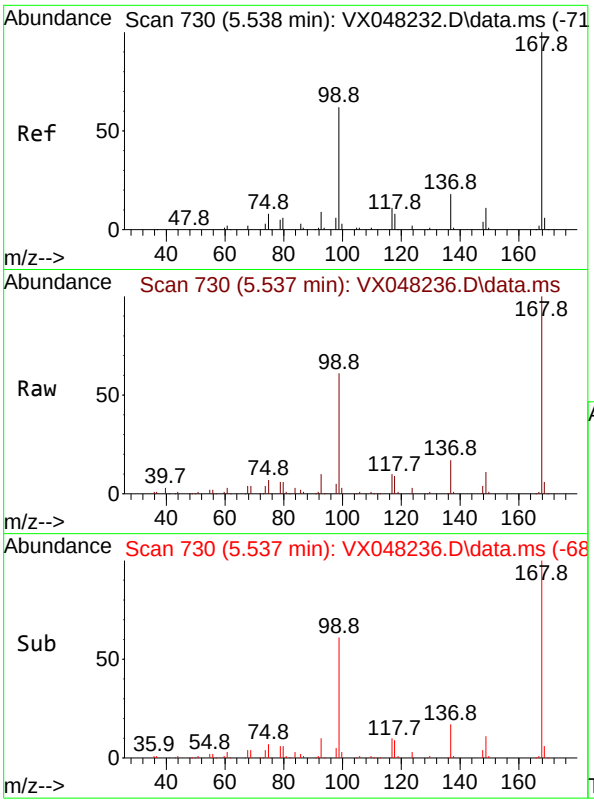
Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

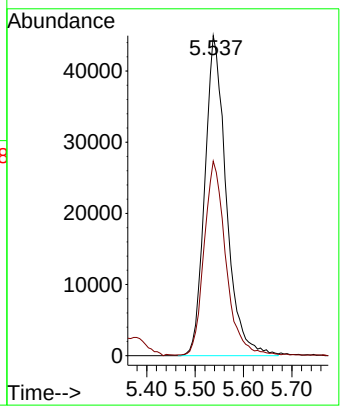





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:168 Resp: 13837

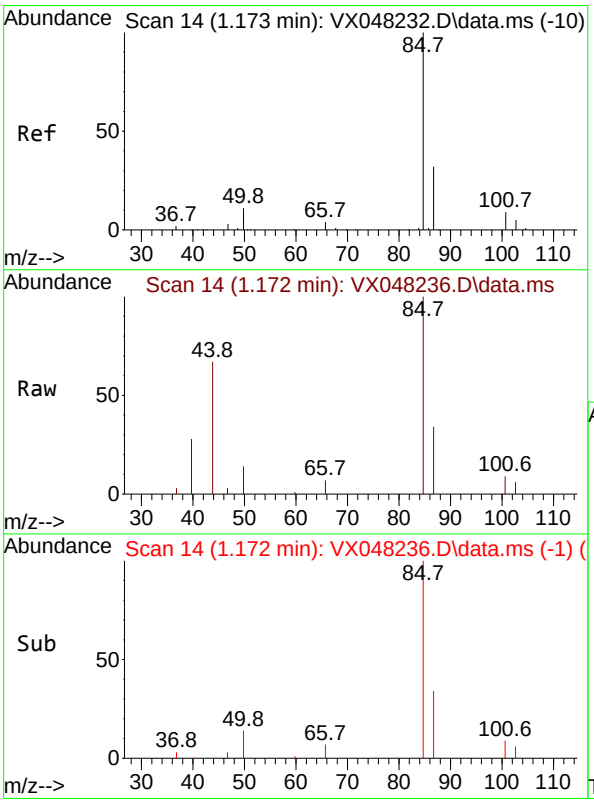
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.5 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
**APPROVED**

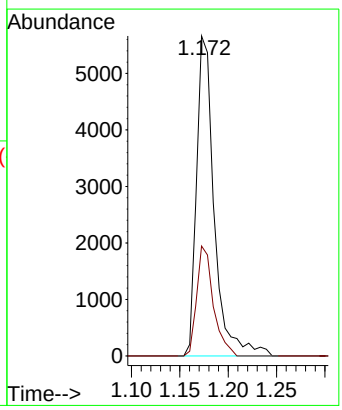
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

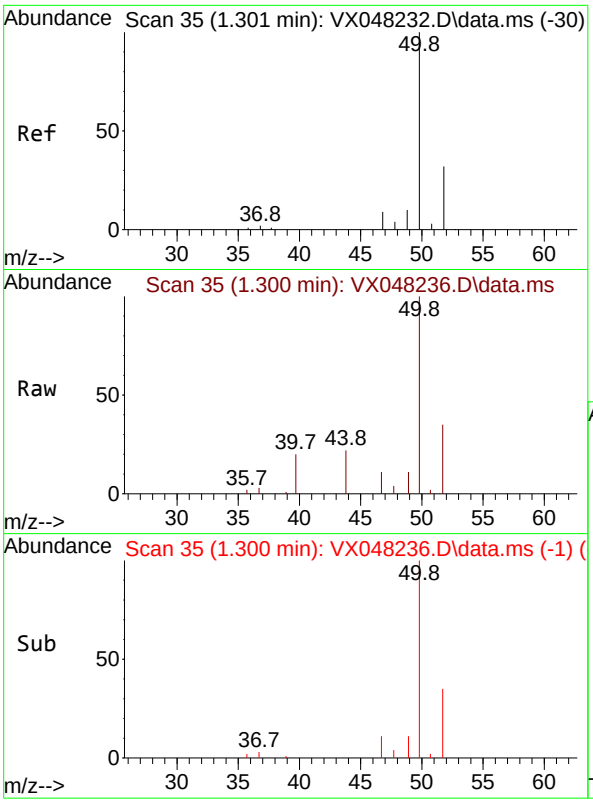



#2
Dichlorodifluoromethane
Concen: 5.194 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 85 Resp: 7219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.3 | 15.3 | 45.9 |

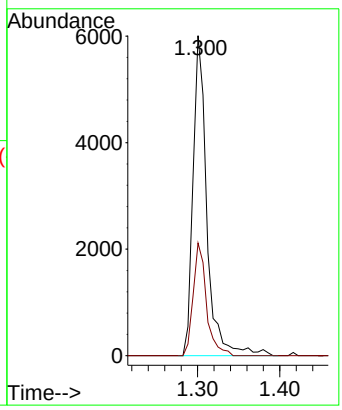





#3
Chloromethane
Concen: 5.531 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 50 Resp: 703

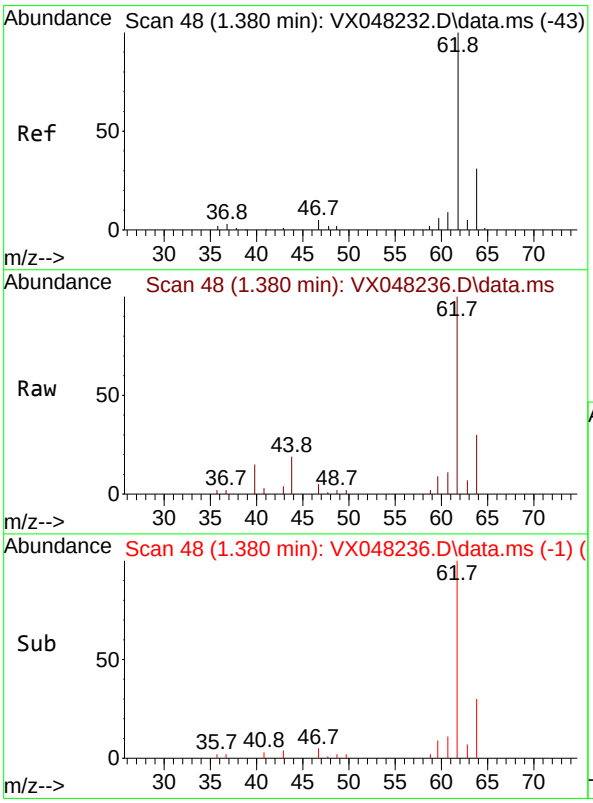
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.2 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

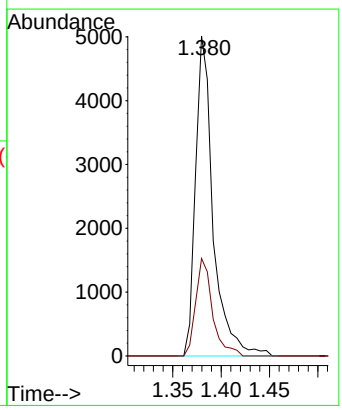
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

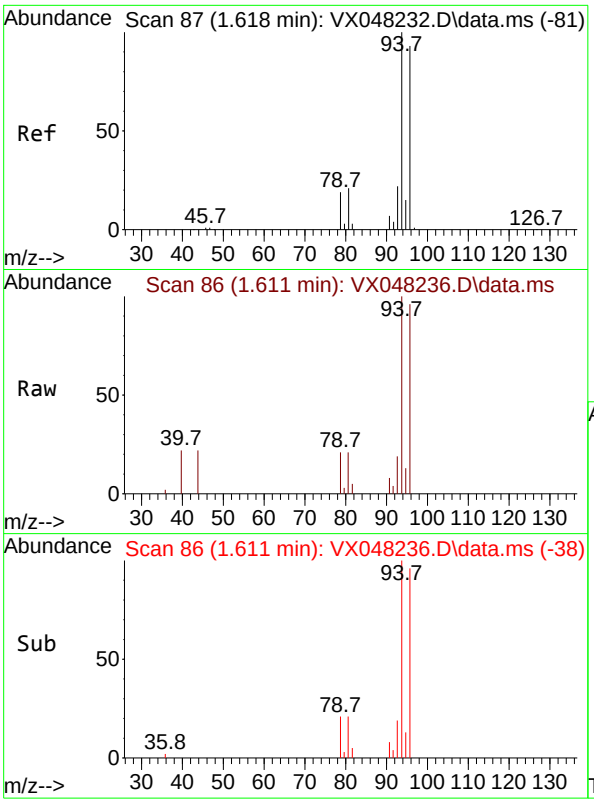



#4
Vinyl Chloride
Concen: 5.341 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 6338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.5 | 25.1 | 37.7 |

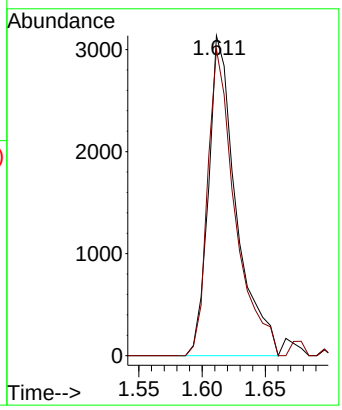





#5
Bromomethane
Concen: 5.918 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 94 Resp: 478

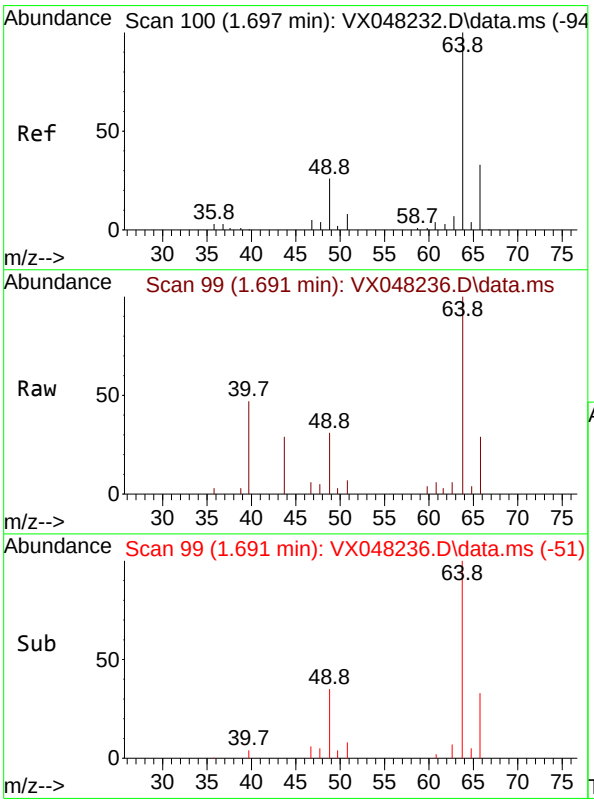
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.8 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
**APPROVED**

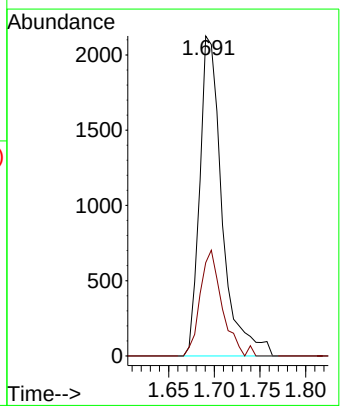
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

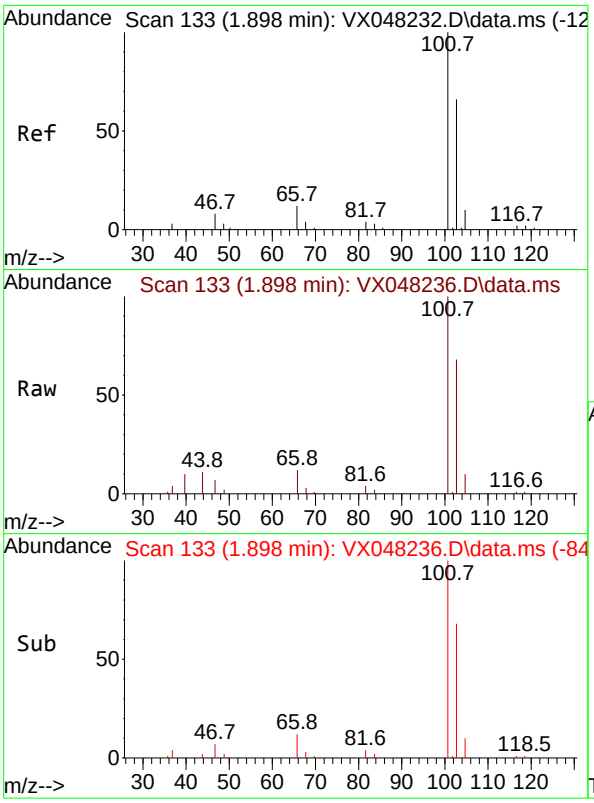



#6
Chloroethane
Concen: 5.085 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 64 Resp: 3610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.2 | 23.9 | 35.9 |

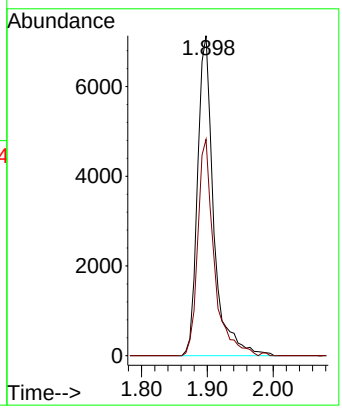





#7
Trichlorofluoromethane
Concen: 5.319 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:101 Resp: 1217

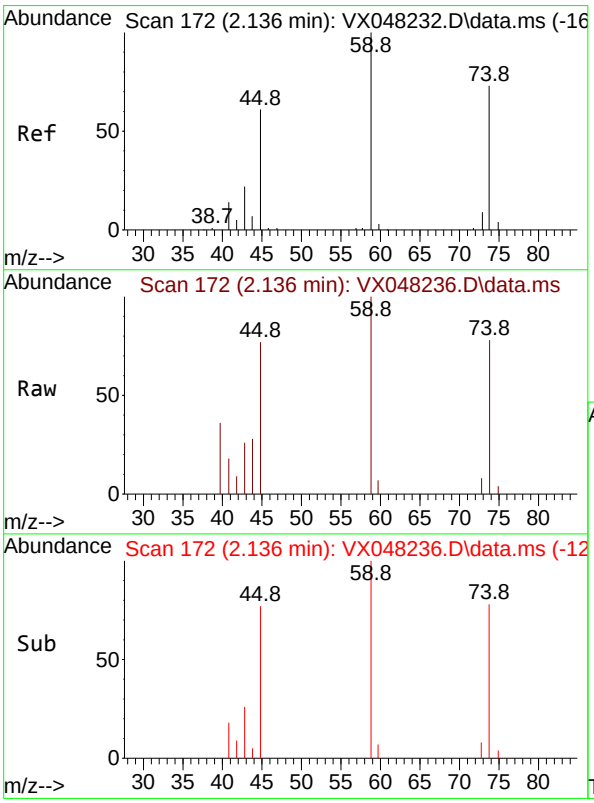
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 67.6 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

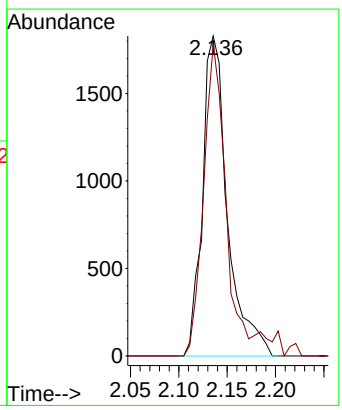
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

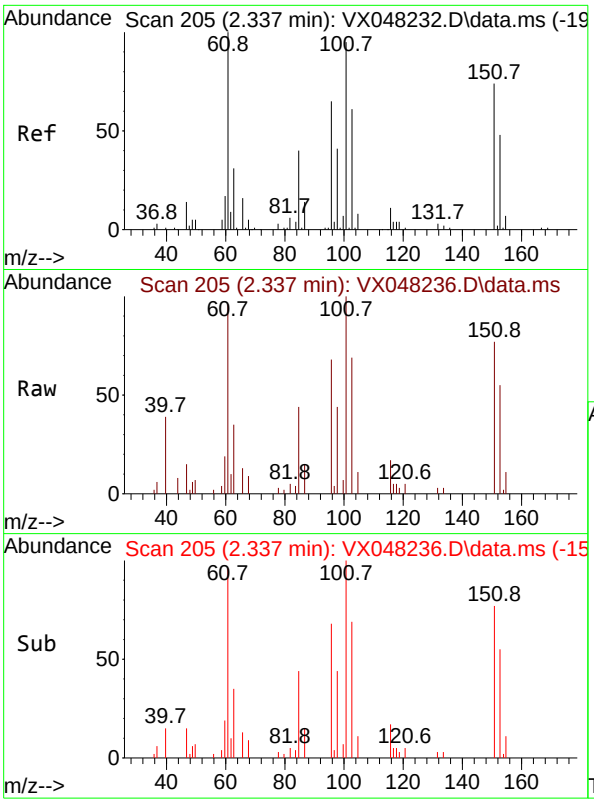



#8
Diethyl Ether
Concen: 5.035 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 74 Resp: 3283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 86.7 | 50.0 | 149.8 |






#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.264 ug/l
RT: 2.337 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

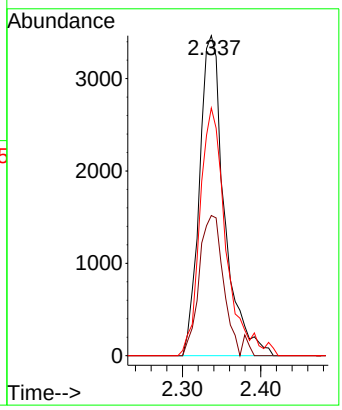
Tgt Ion:101 Resp: 765(

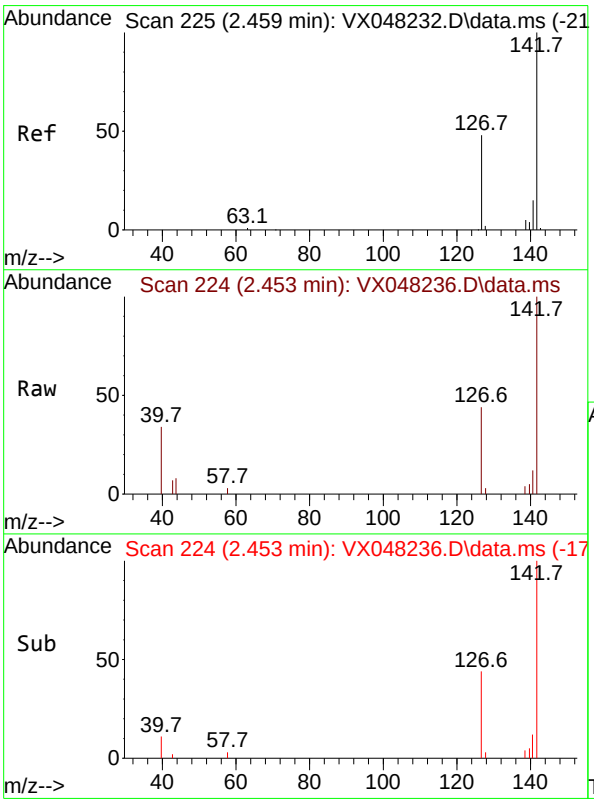
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.4 | 35.6 | 53.4 |
| 151 | 81.0 | 58.0 | 87.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

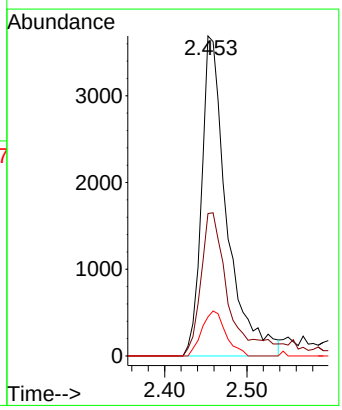


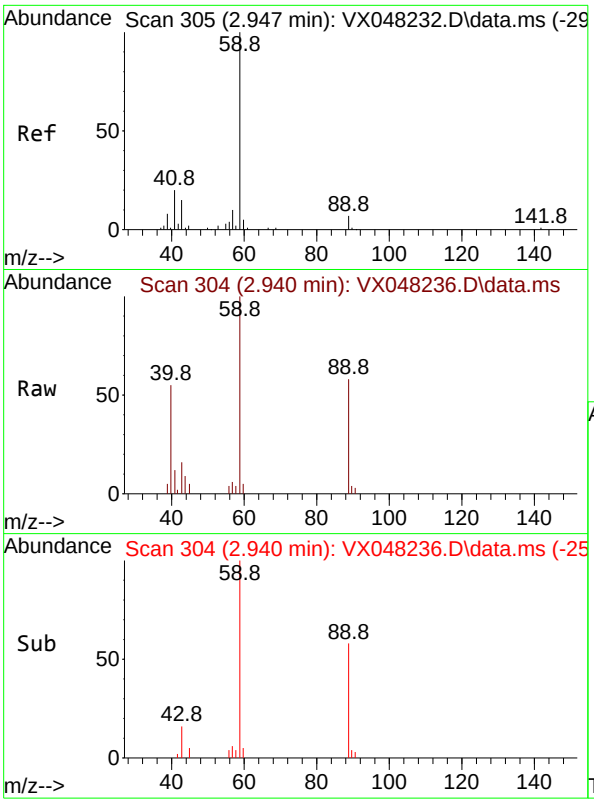




#10
Methyl Iodide
Concen: 4.284 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:142 Resp: 7871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.9 | 38.5 | 57.7 |
| 141 | 13.3 | 11.6 | 17.4 |






#11
Tert butyl alcohol
Concen: 33.503 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

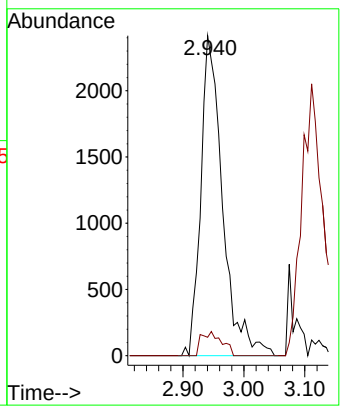
Tgt Ion: 59 Resp: 599

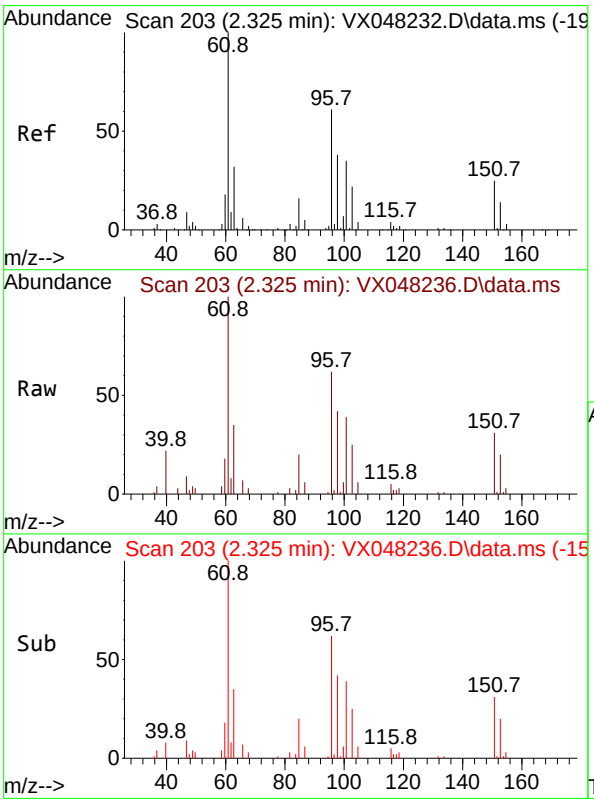
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 2.8 | 8.2 | 12.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

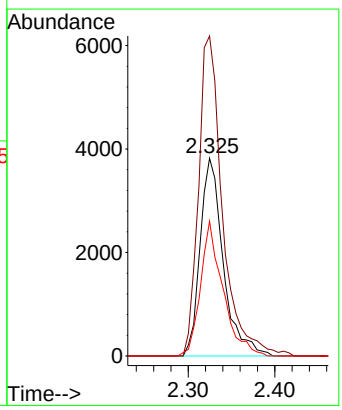


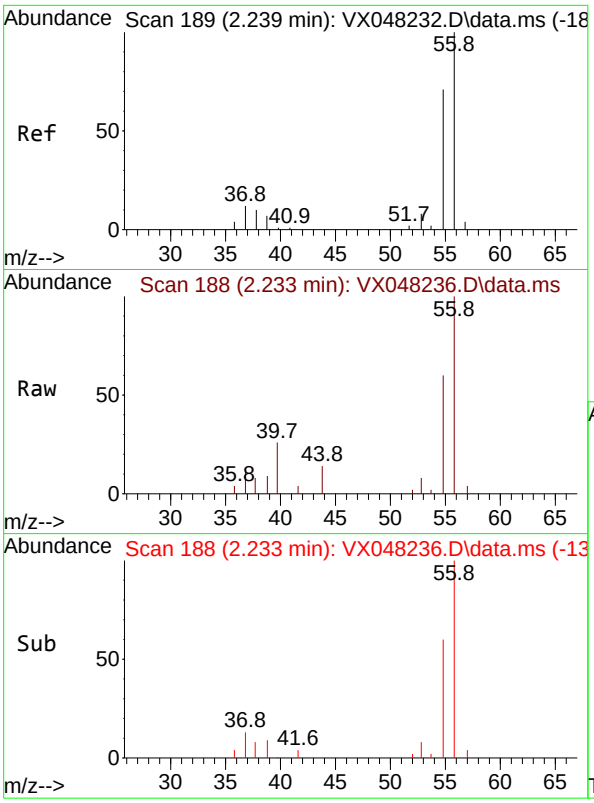




#12
1,1-Dichloroethene
Concen: 4.991 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 96 Resp: 7107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.9 | 139.0 | 208.6 |
| 98 | 66.1 | 52.4 | 78.6 |

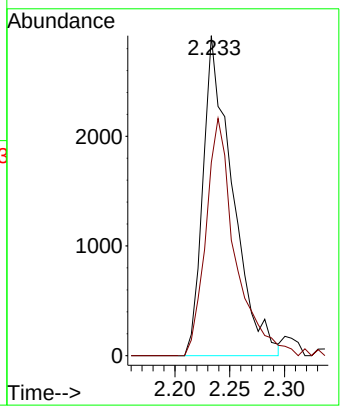





#13
Acrolein
Concen: 27.637 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 56 Resp: 545

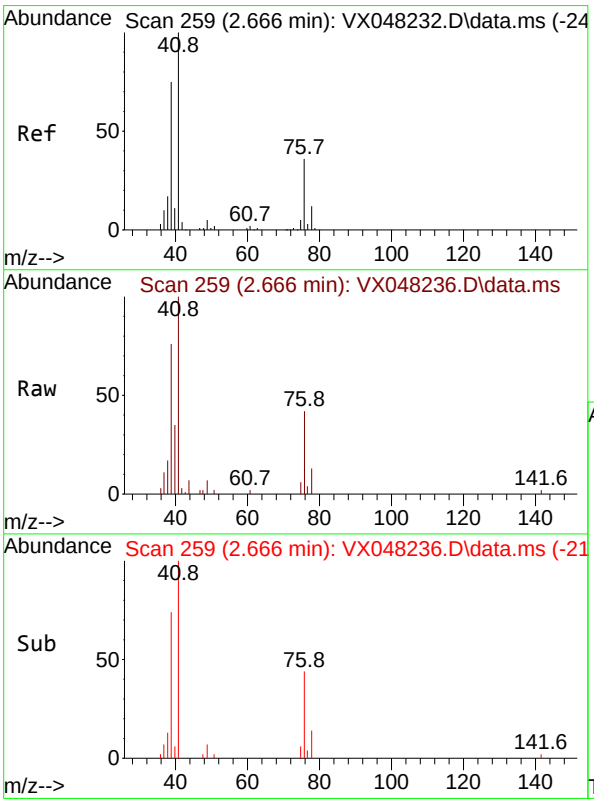
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 73.7 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

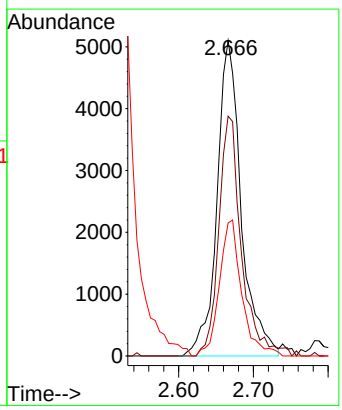
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

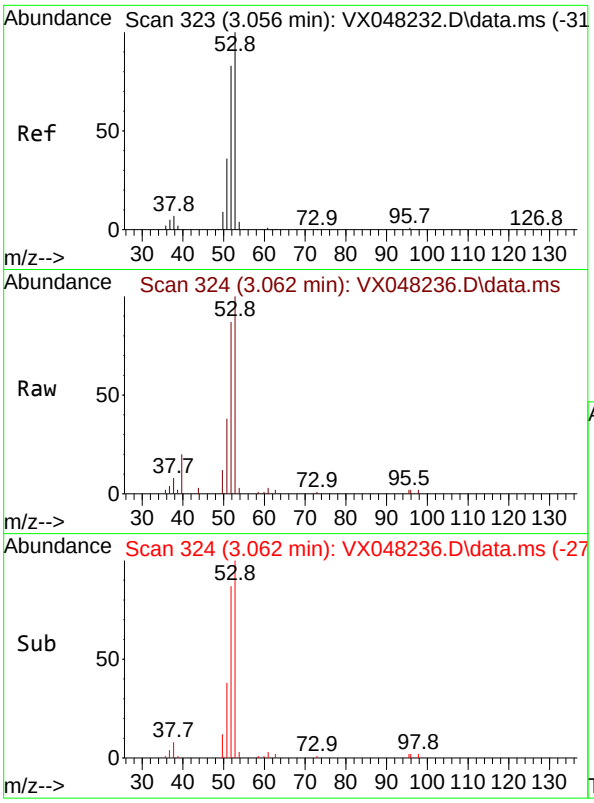



#14
Allyl chloride
Concen: 4.839 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 11531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 71.2 | 56.0 | 84.0 |
| 76 | 39.7 | 27.5 | 41.3 |

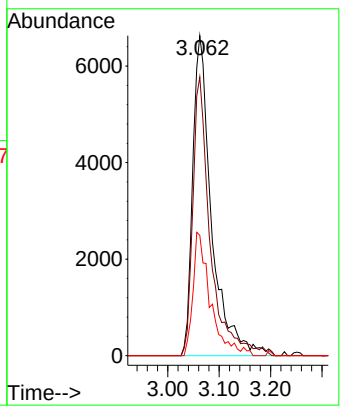





#15
Acrylonitrile
Concen: 24.912 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 53 Resp: 1698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.1 | 66.1 | 99.1 |
| 51 | 34.9 | 29.0 | 43.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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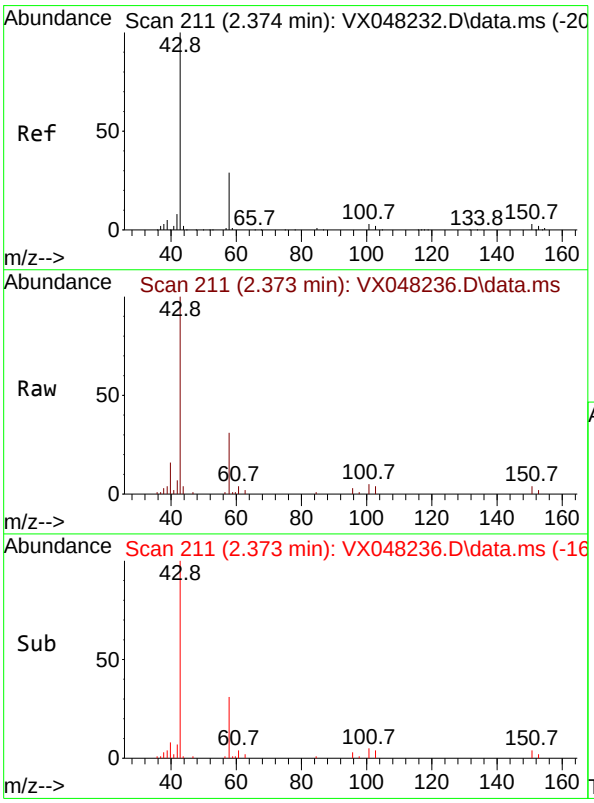
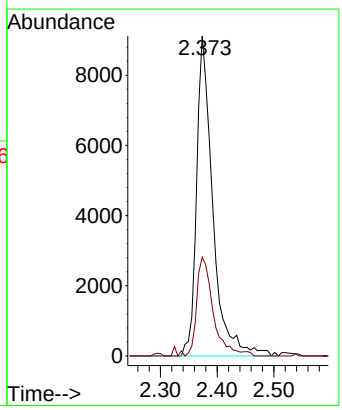
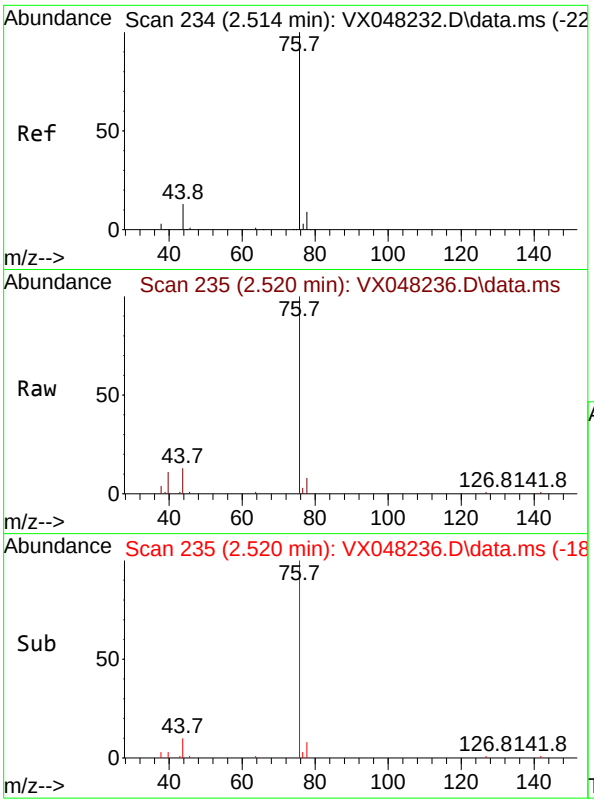



#16
Acetone
Concen: 27.636 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 18141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.5 | 23.4 | 35.2 |

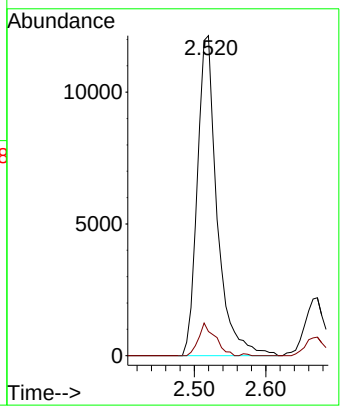





#17
Carbon Disulfide
Concen: 5.270 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 76 Resp: 2336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 7.3 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/21/2025
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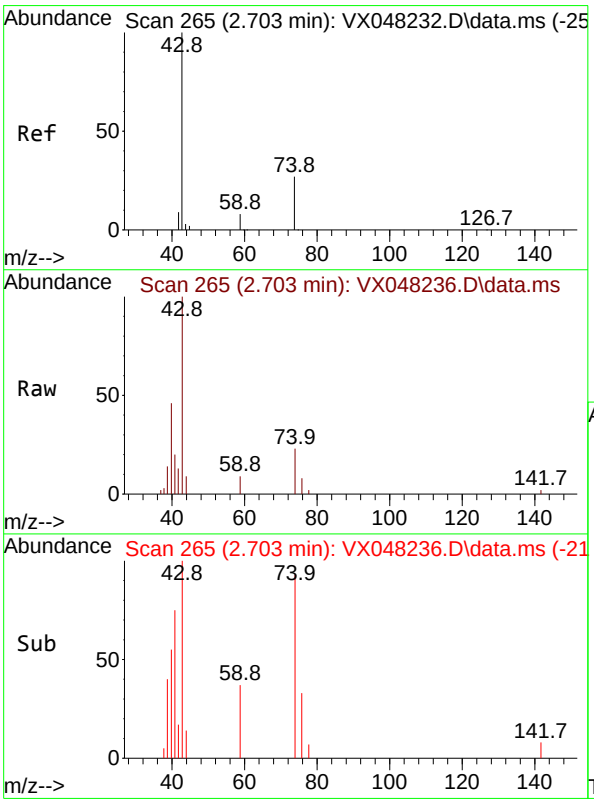
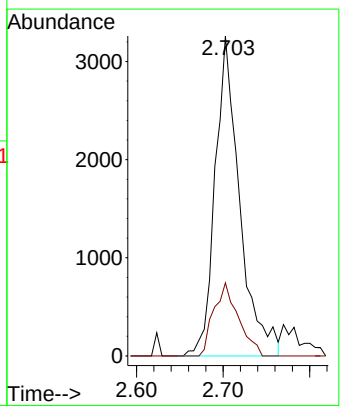
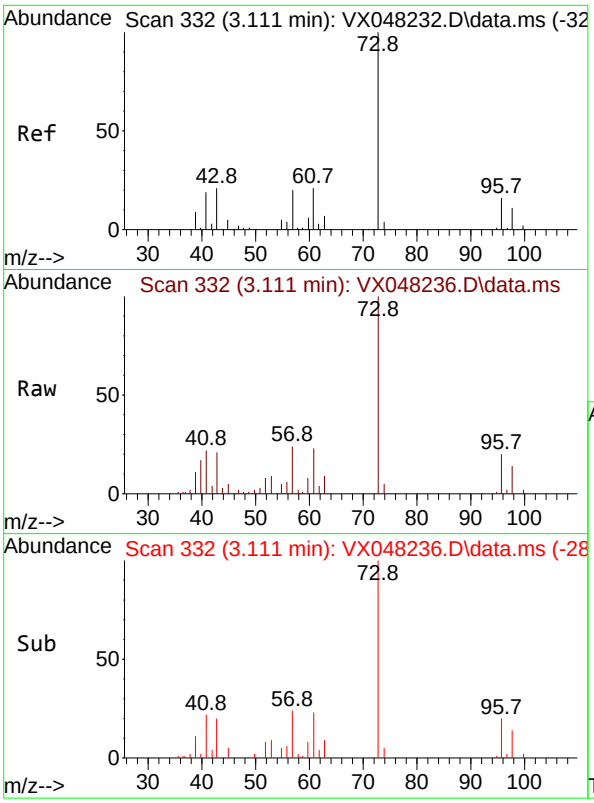



#18
Methyl Acetate
Concen: 4.639 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 6418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.0 | 17.5 | 26.3 |

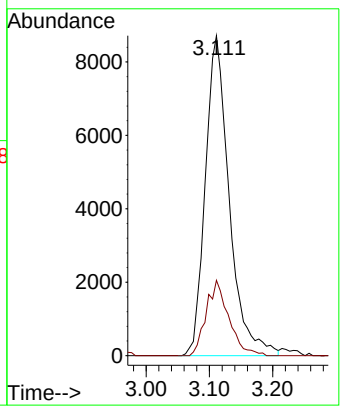





#19
Methyl tert-butyl Ether
Concen: 4.663 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 73 Resp: 2293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.6 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
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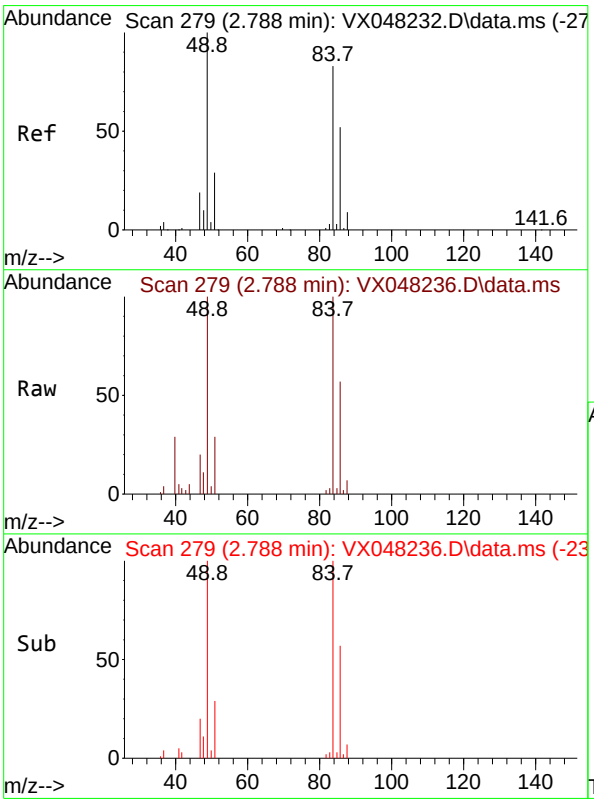
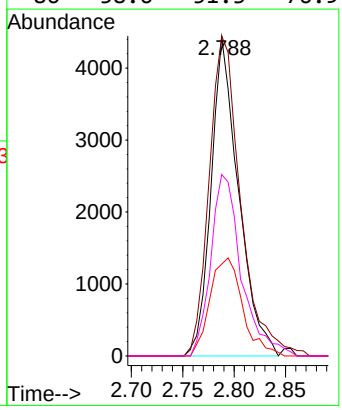
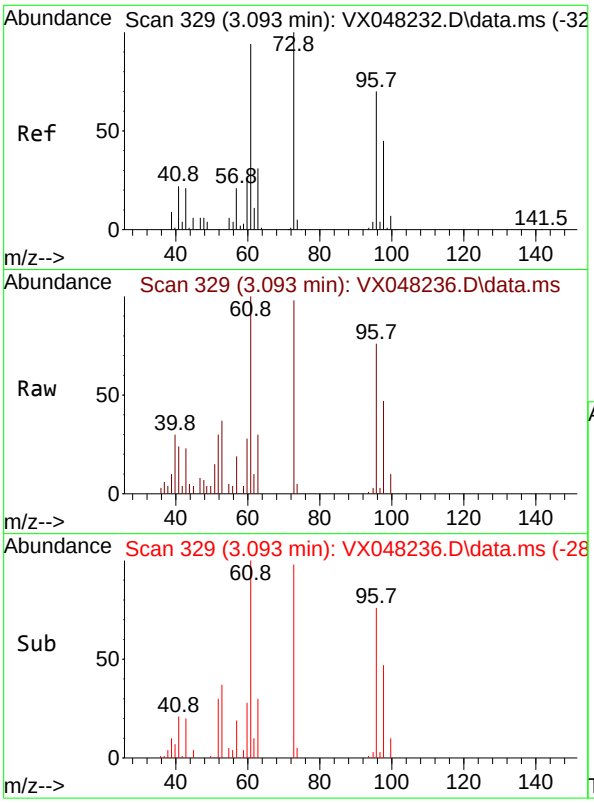



#20
Methylene Chloride
Concen: 5.163 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 84 Resp: 8228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 100.4 | 104.1 | 156.1# |
| 51 | 28.8 | 31.3 | 46.9# |
| 86 | 58.6 | 51.3 | 76.9 |

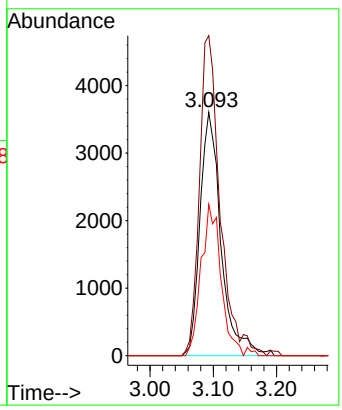





#21
trans-1,2-Dichloroethene
Concen: 5.393 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 96 Resp: 834

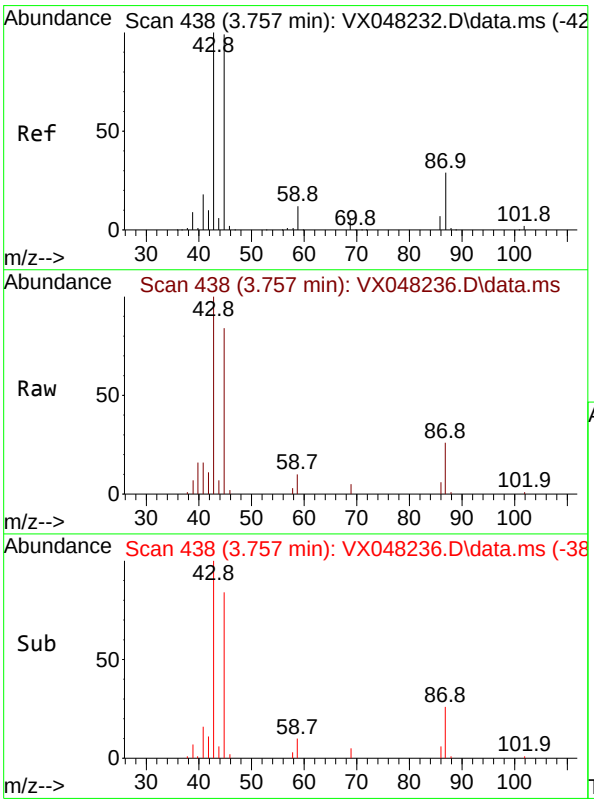
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.5 | 111.9 | 167.9 |
| 98 | 62.1 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

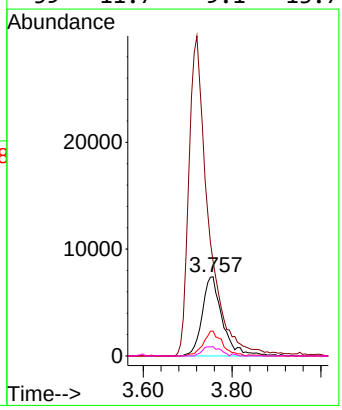
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

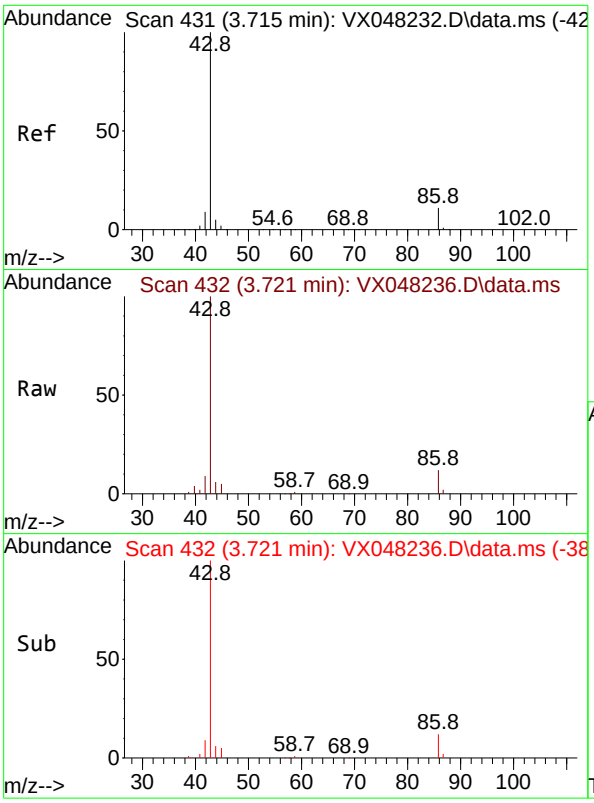



#22
Diisopropyl ether
Concen: 4.984 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 45 Resp: 23533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 113.3 | 89.8 | 134.8 |
| 87 | 31.5 | 20.6 | 31.0# |
| 59 | 11.7 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 24.336 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 9177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 13.5 | 7.9 | 11.9# |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
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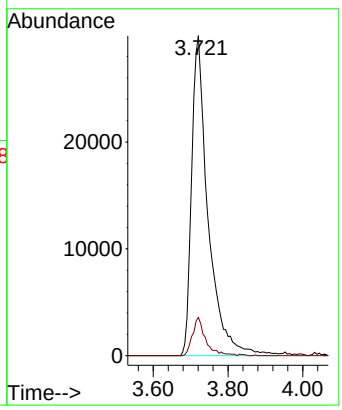
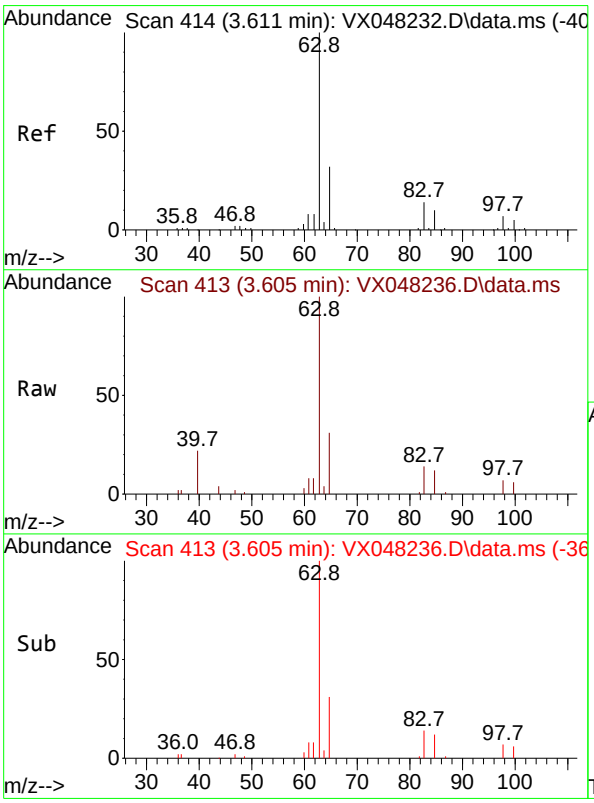
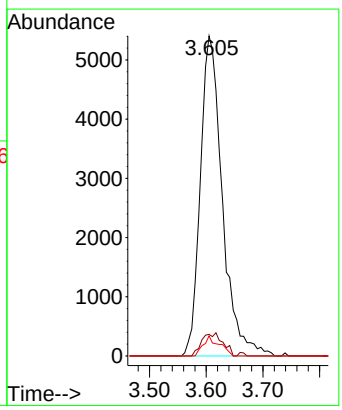


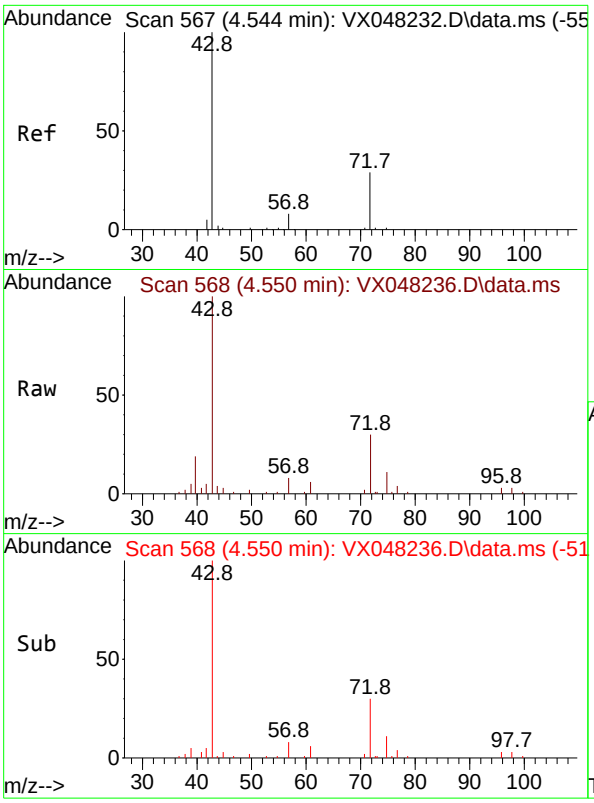




#24
1,1-Dichloroethane
Concen: 5.126 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 14582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.8 | 3.5 | 10.6 |
| 100 | 6.3 | 2.1 | 6.3# |






#25
2-Butanone
Concen: 26.293 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 2180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 30.6 | 19.9 | 29.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
**APPROVED**

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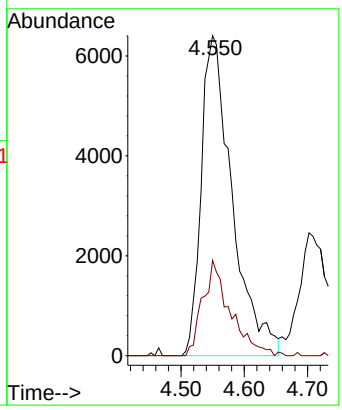
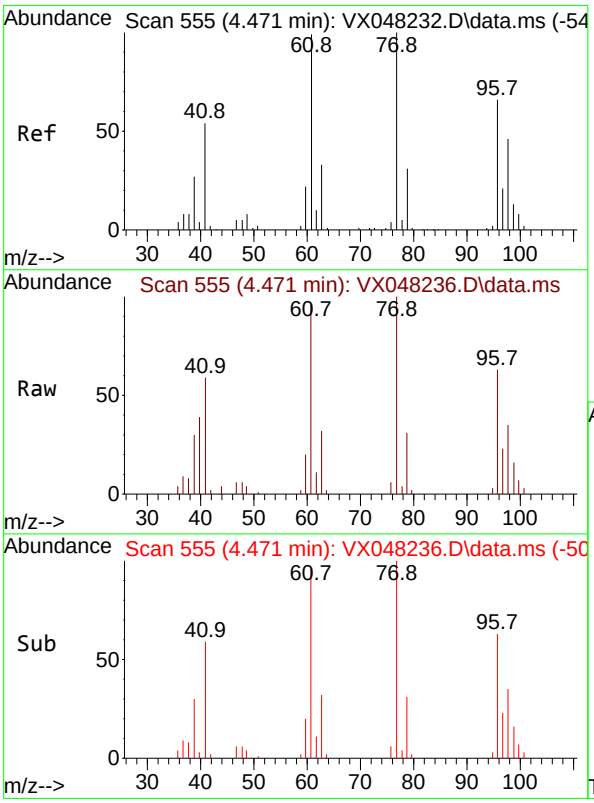
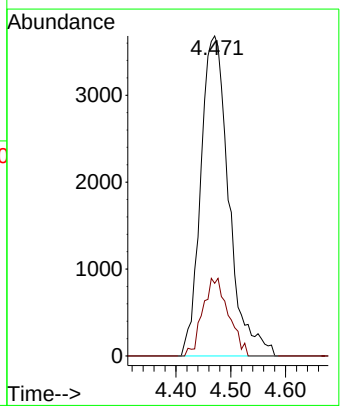


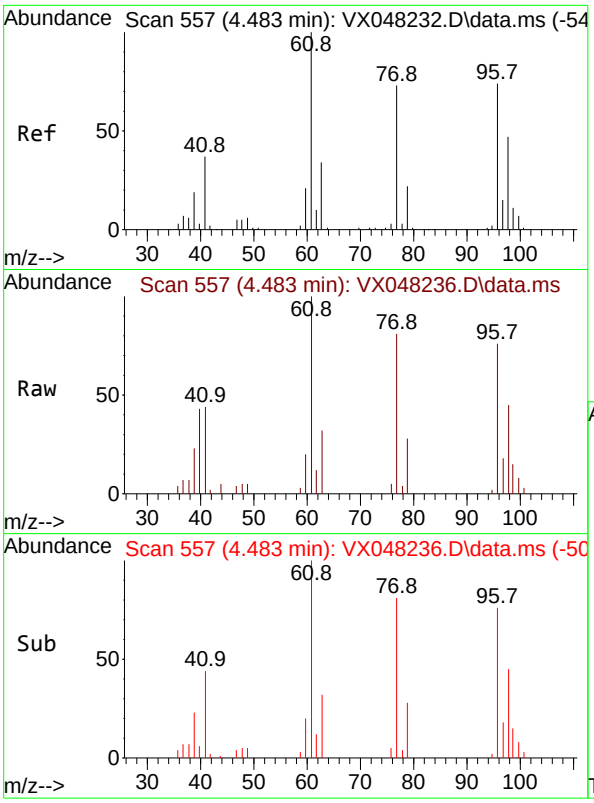




#26
2,2-Dichloropropane
Concen: 5.066 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 77 Resp: 13077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.5 | 11.1 | 33.3 |

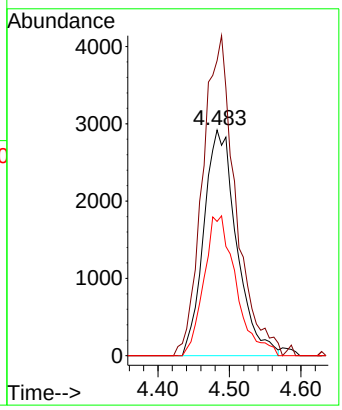





#27
cis-1,2-Dichloroethene
Concen: 5.084 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 96 Resp: 931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.5 | 0.0 | 294.2 |
| 98 | 60.5 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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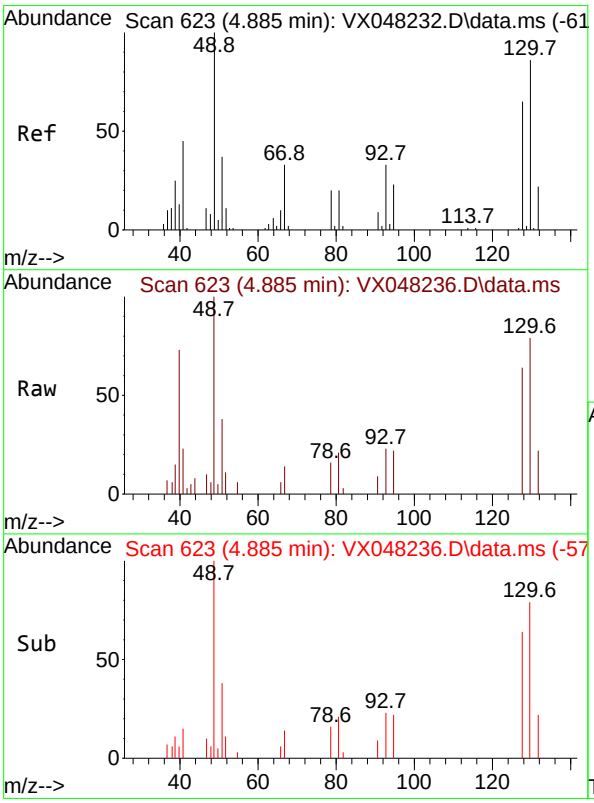
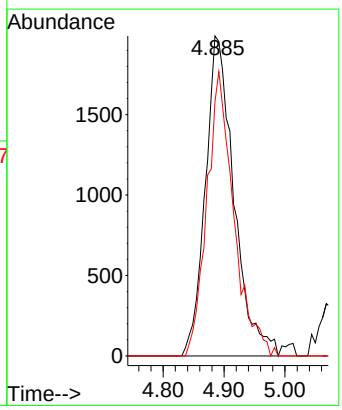
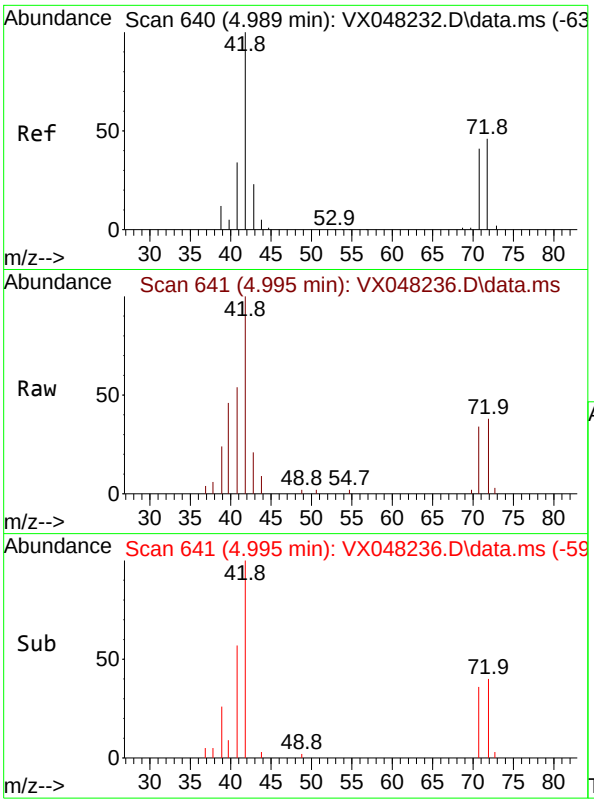



#28
Bromochloromethane
Concen: 5.474 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 49 Resp: 6488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.4 |
| 130 | 83.5 | 59.3 | 88.9 |






#29
Tetrahydrofuran
Concen: 25.353 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 42 Resp: 1263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 45.5 | 35.3 | 52.9 |
| 71 | 41.3 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
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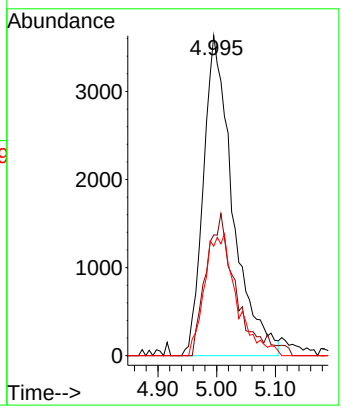
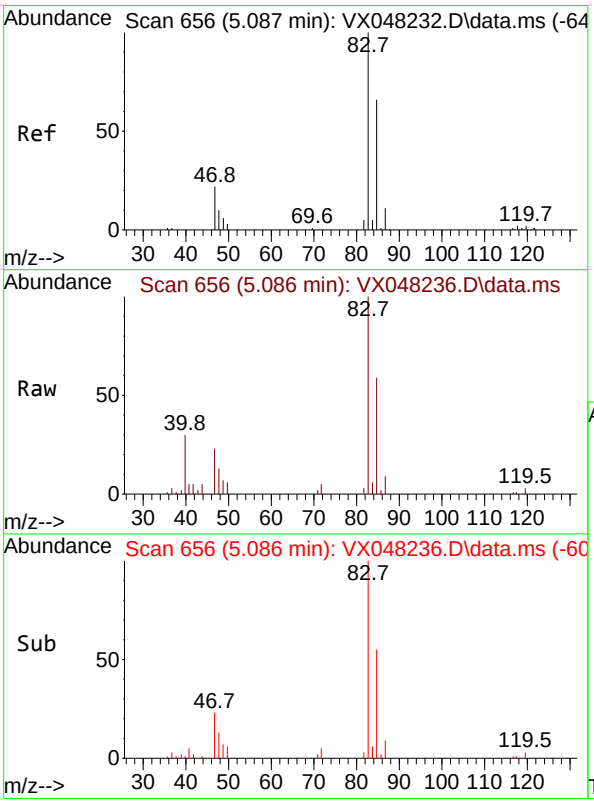
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

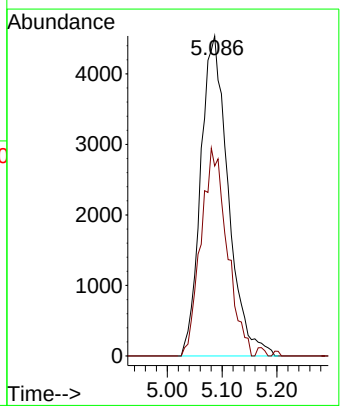


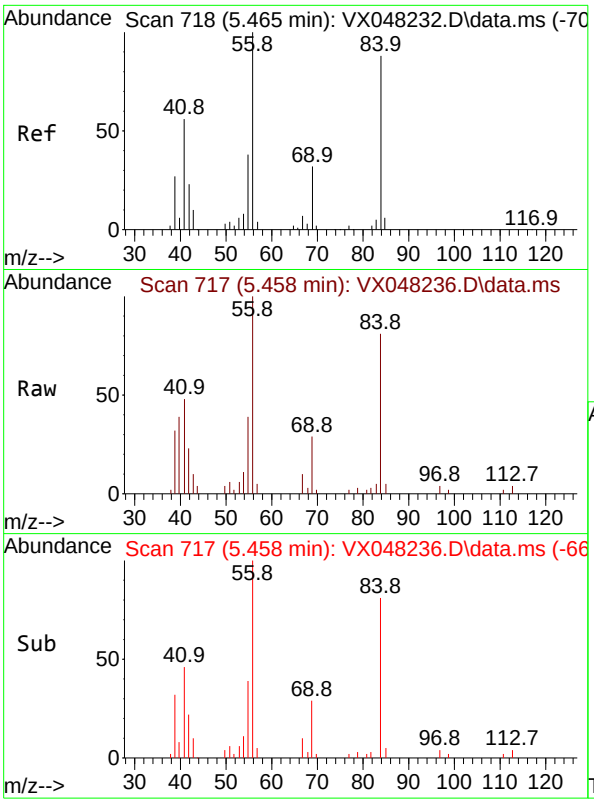




#30
Chloroform
Concen: 5.159 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 15814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 59.4 | 50.1 | 75.1 |

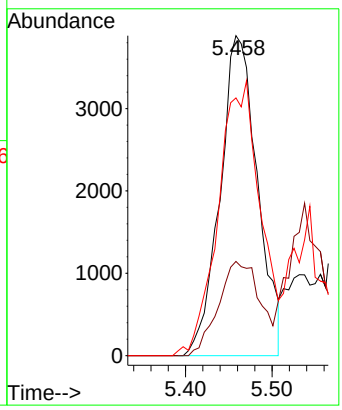





#31
Cyclohexane
Concen: 4.943 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 56 Resp: 1166

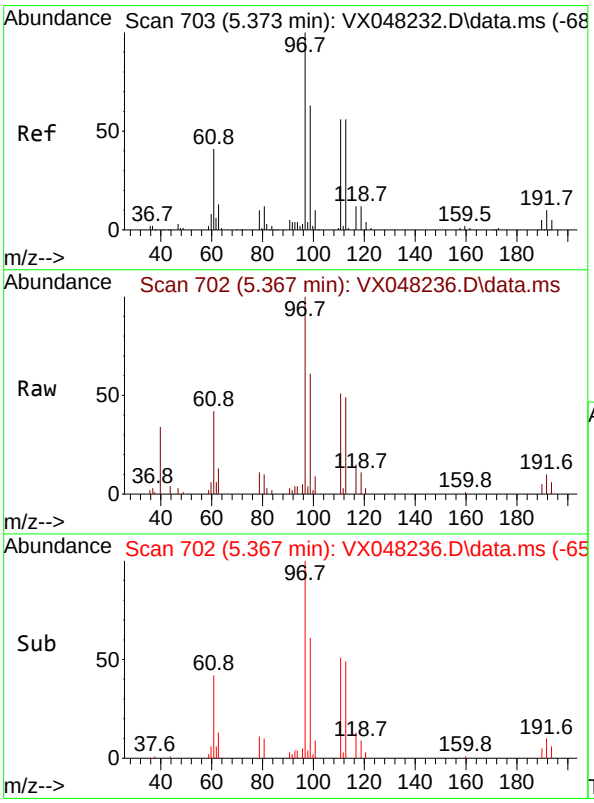
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.4 | 23.0 | 34.6 |
| 84 | 79.1 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

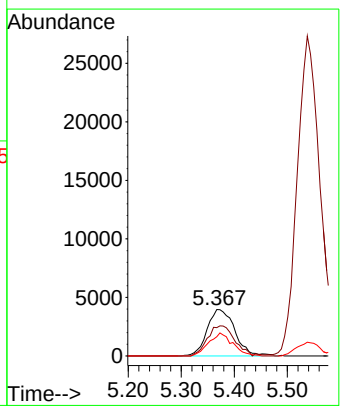
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

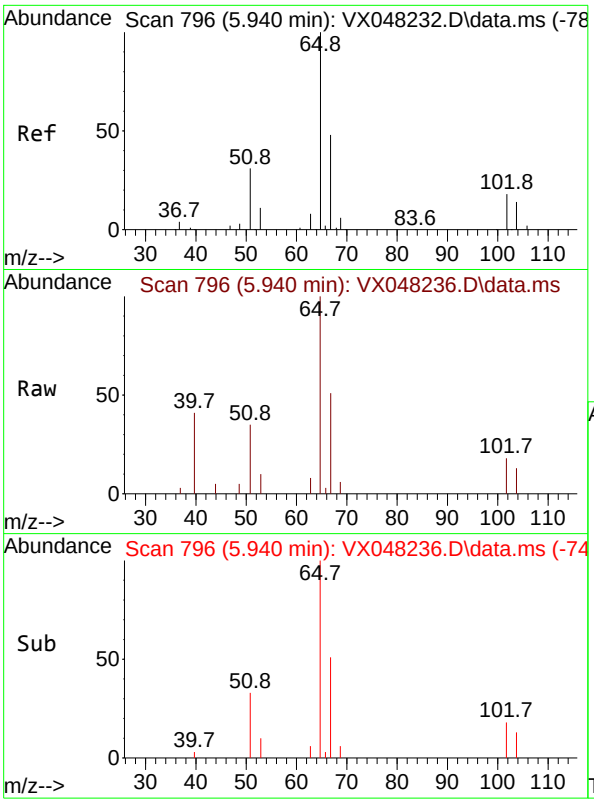



#32
1,1,1-Trichloroethane
Concen: 5.115 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 97 Resp: 14399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.0 | 51.7 | 77.5 |
| 61 | 42.8 | 34.8 | 52.2 |

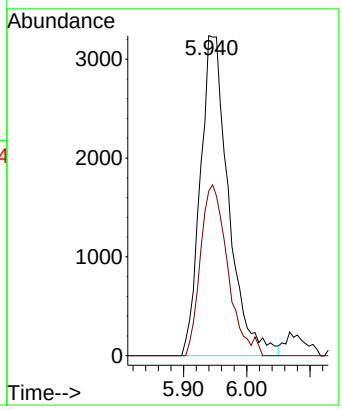





#33
1,2-Dichloroethane-d4
Concen: 4.008 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 65 Resp: 1003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.7 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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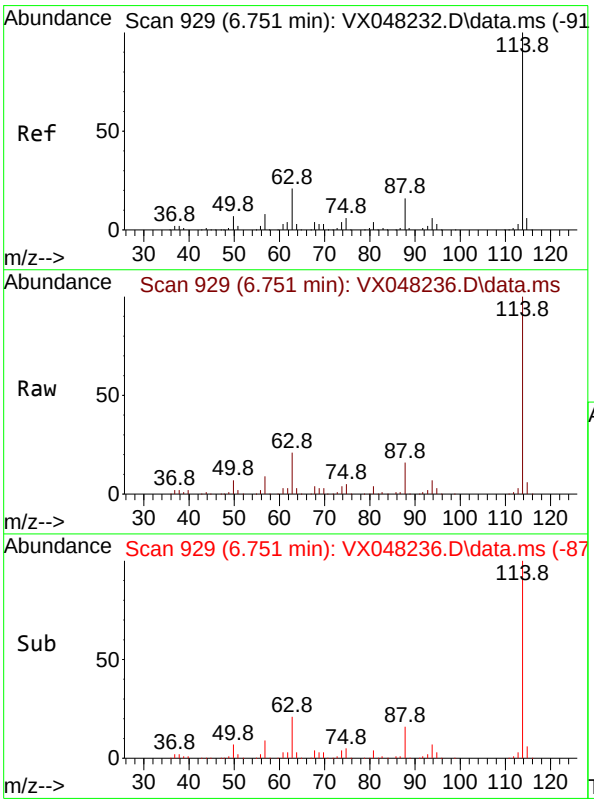
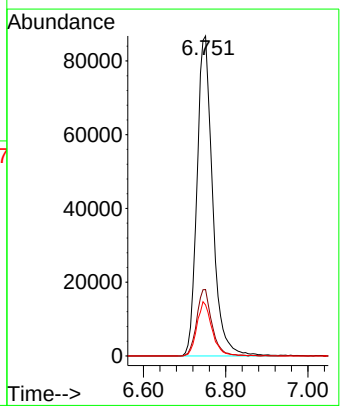
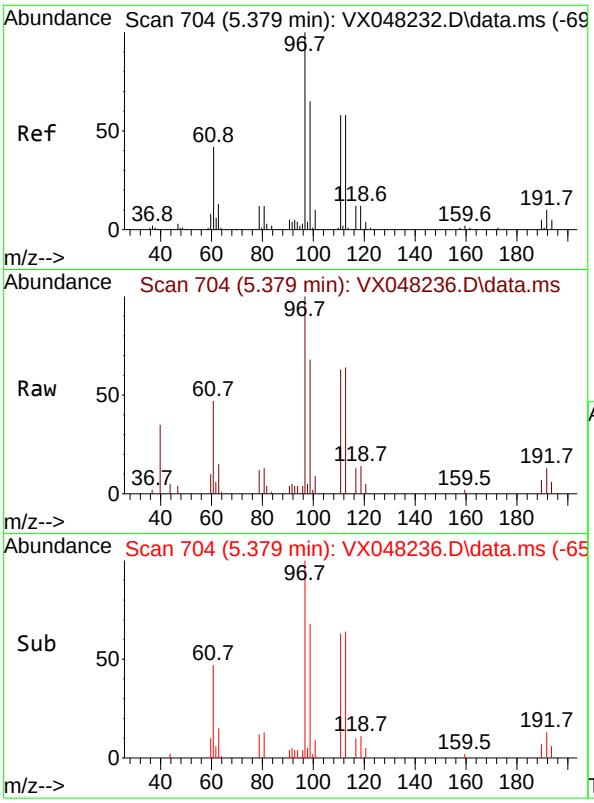



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:114 Resp: 228619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.8 | 0.0 | 43.2 |
| 88 | 15.9 | 0.0 | 33.6 |

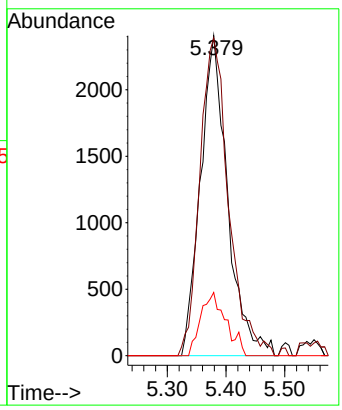





#35
Dibromofluoromethane
Concen: 3.839 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:113 Resp: 773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.9 | 82.2 | 123.4 |
| 192 | 18.3 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

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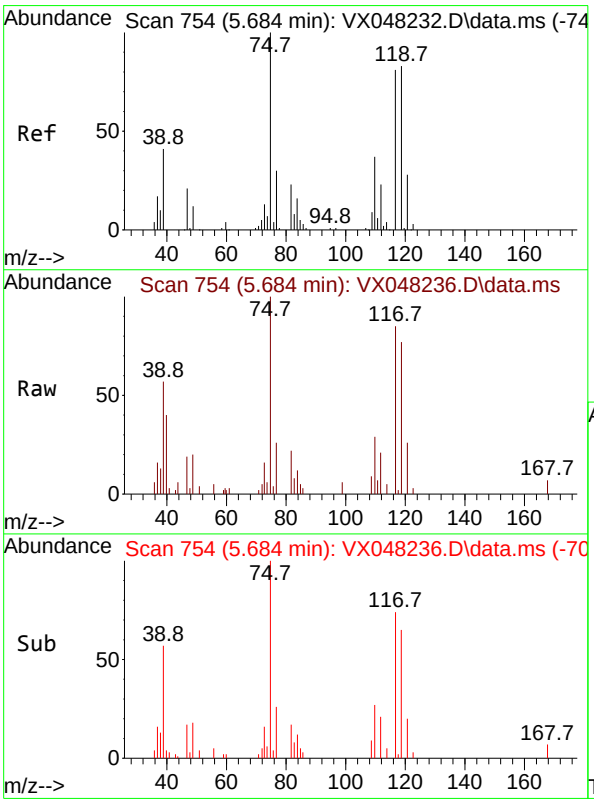
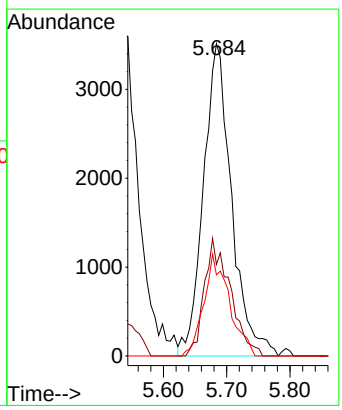
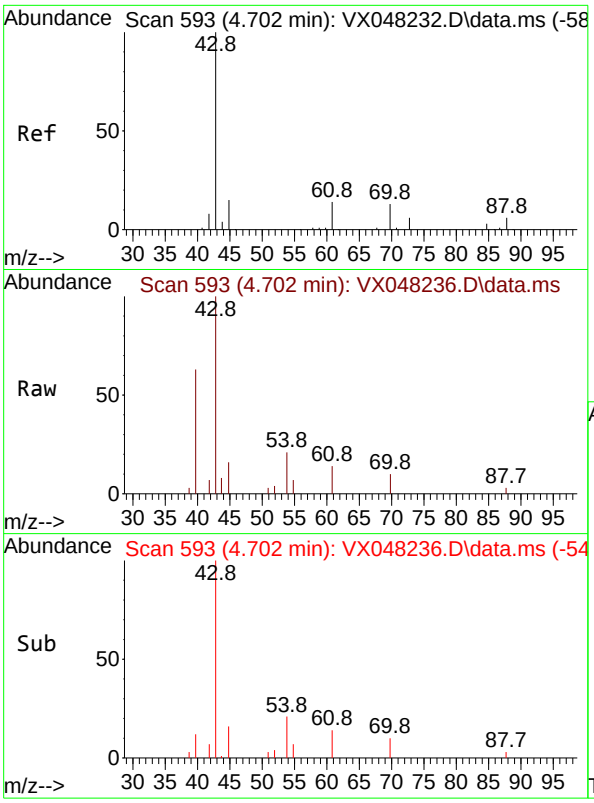



#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 10855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.8 | 17.7 | 53.1 |
| 77 | 29.5 | 24.3 | 36.5 |

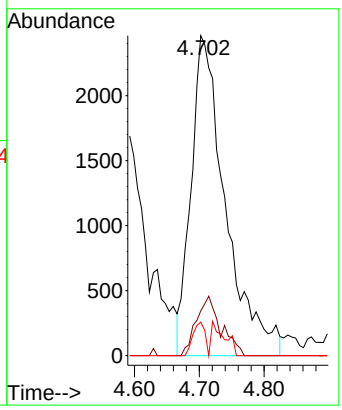





#37
Ethyl Acetate
Concen: 4.970 ug/l m
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 10.6 | 15.8# |
| 70 | 3.7 | 7.8 | 11.6# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

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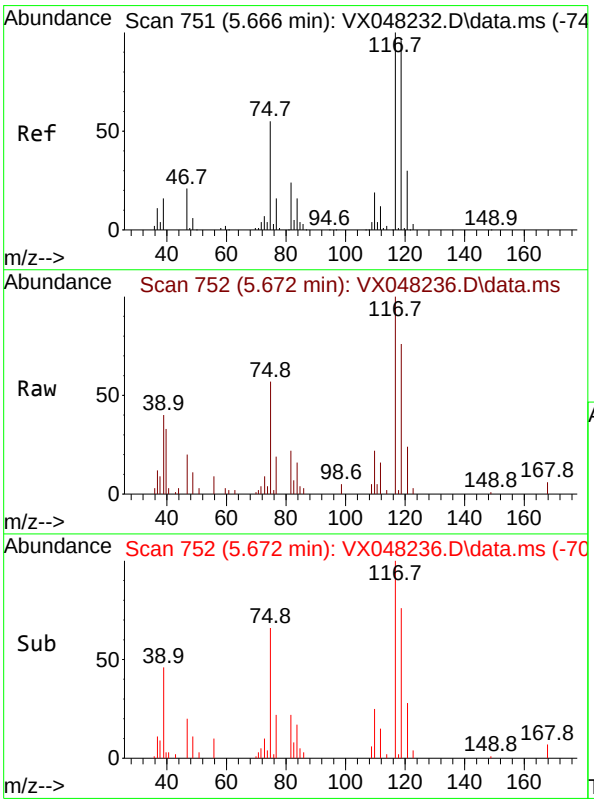
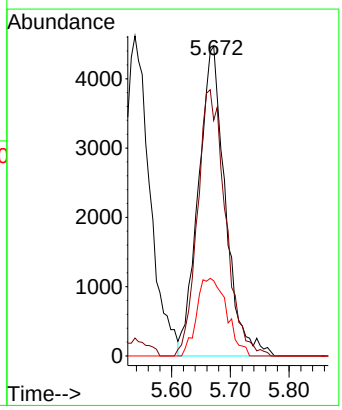
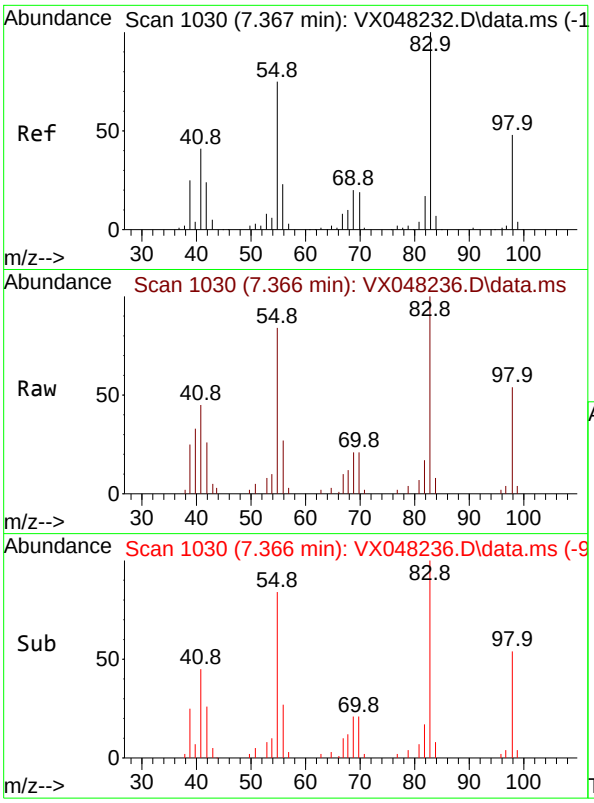



#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 14225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 76.0 | 77.2 | 115.8# |
| 121 | 24.3 | 24.8 | 37.2# |

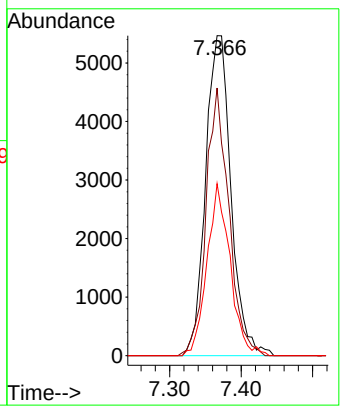





#39
Methylcyclohexane
Concen: 5.318 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 1349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 83.6 | 66.2 | 99.2 |
| 98 | 53.8 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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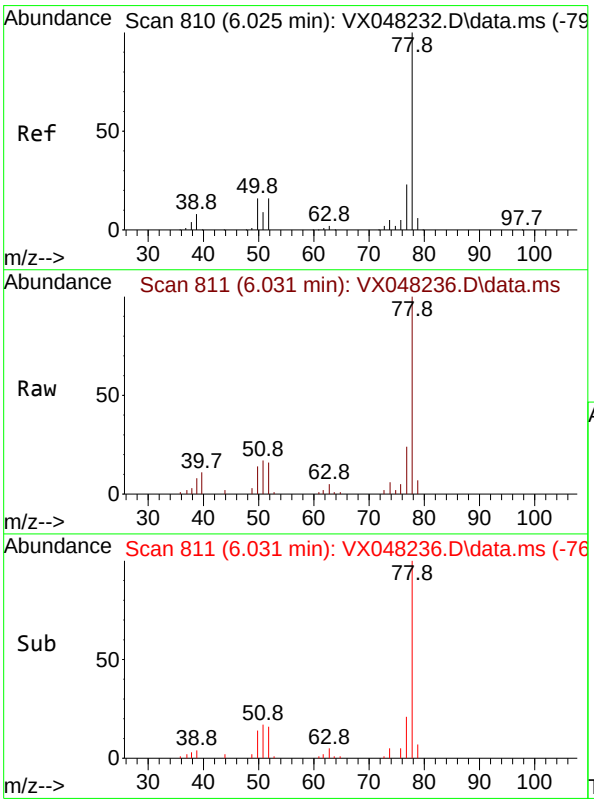
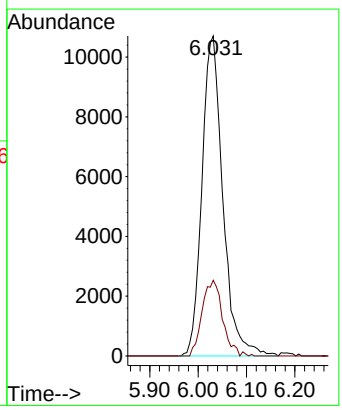
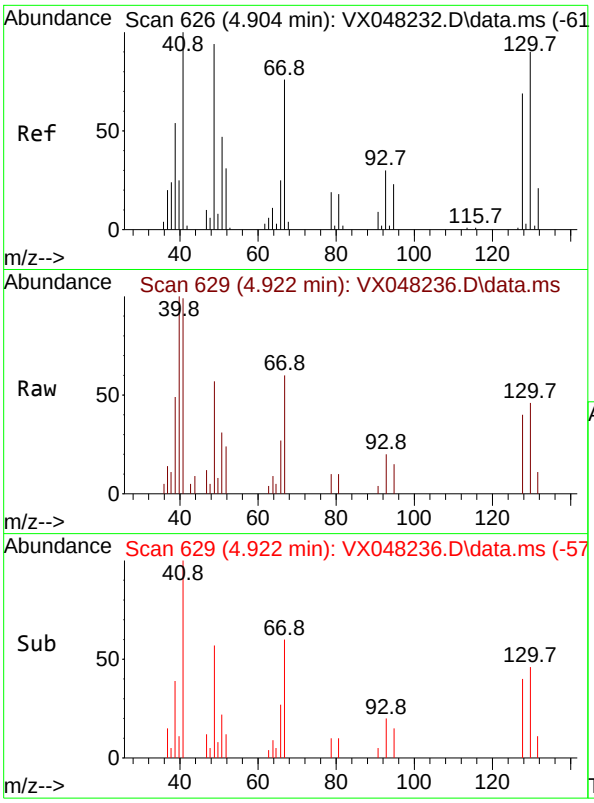



#40
Benzene
Concen: 5.103 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 78 Resp: 32115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 19.3 | 28.9 |

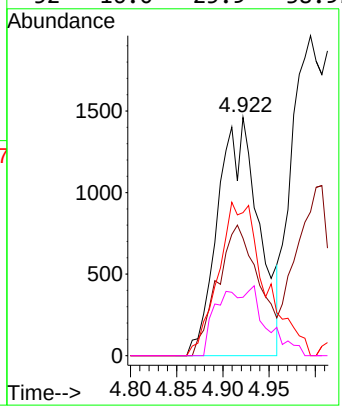





#41
Methacrylonitrile
Concen: 4.817 ug/l m
RT: 4.922 min Scan# 6
Delta R.T. 0.018 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.3 | 44.0 | 66.0 |
| 67 | 72.8 | 58.7 | 88.1 |
| 52 | 16.0 | 25.9 | 38.9# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
**APPROVED**

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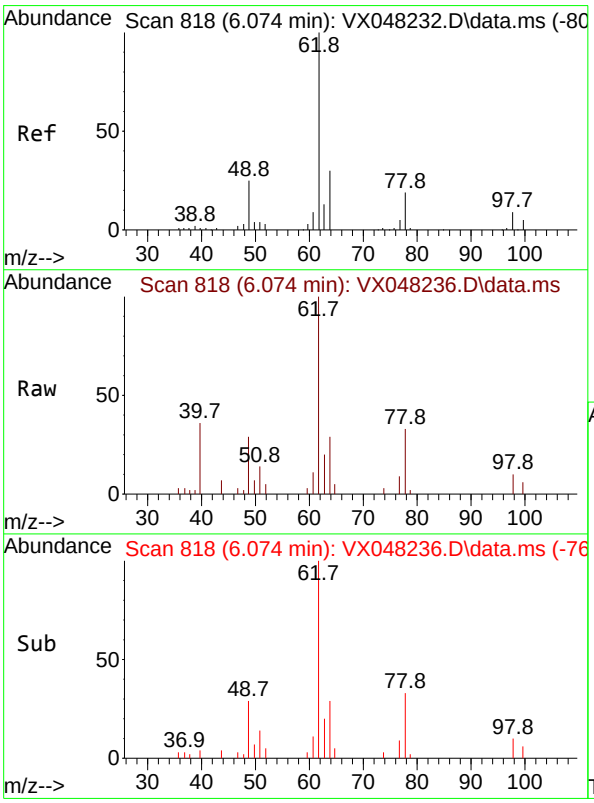
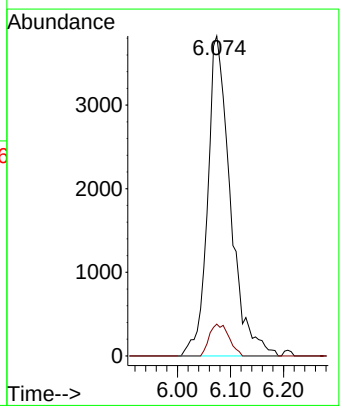
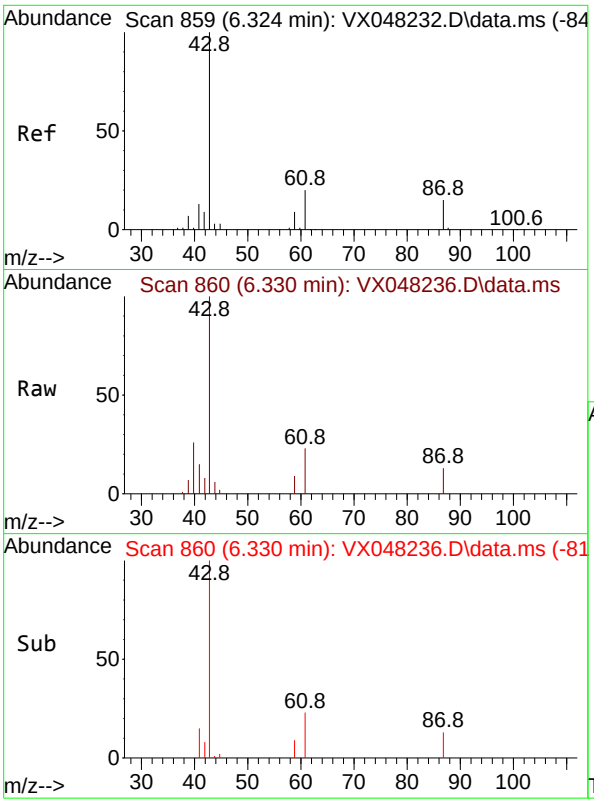



#42
1,2-Dichloroethane
Concen: 4.870 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 11412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.6 | 0.0 | 17.2 |






#43
Isopropyl Acetate
Concen: 4.656 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 1399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 22.5 | 14.9 | 22.3 |
| 87 | 14.0 | 9.4 | 14.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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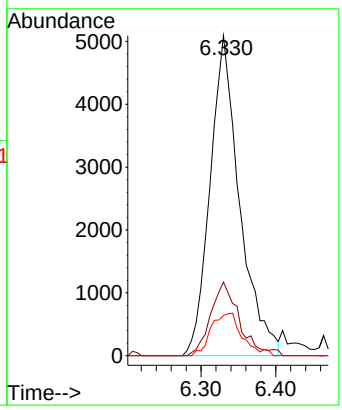
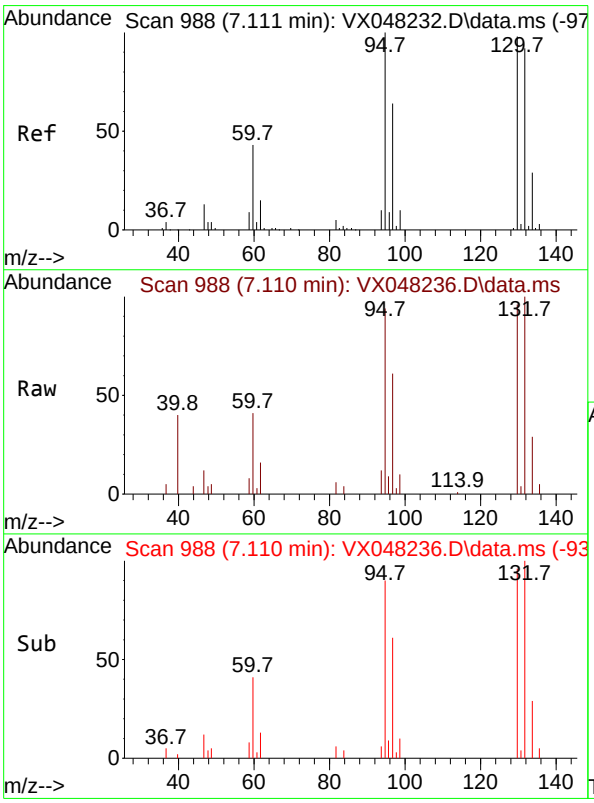
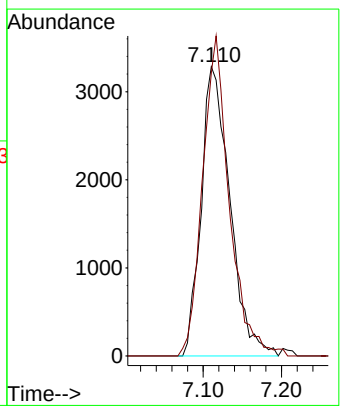


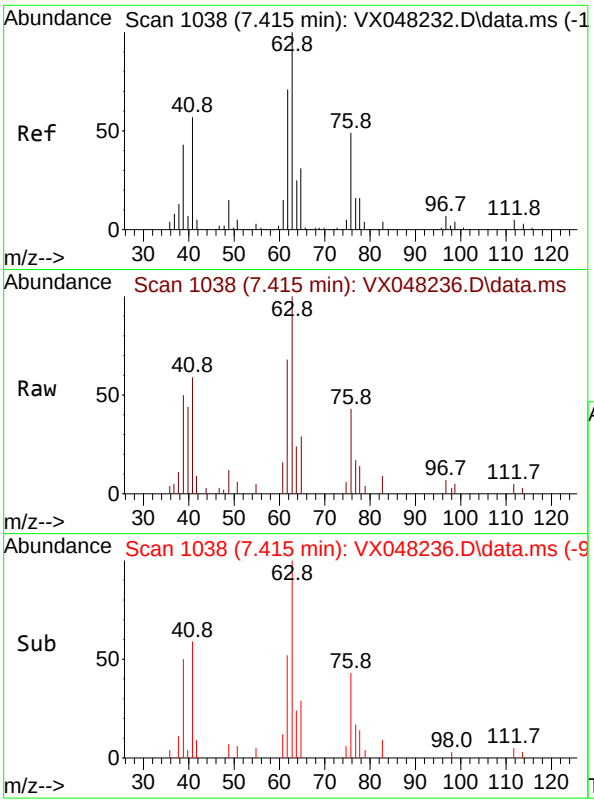




#44
Trichloroethene
Concen: 5.009 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:130 Resp: 8373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 107.6 | 0.0 | 200.6 |

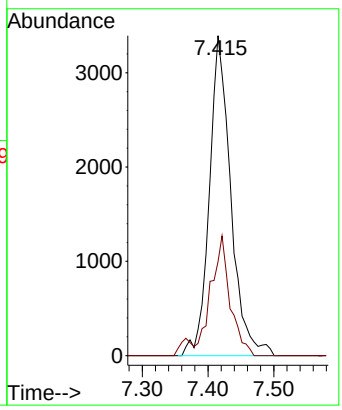





#45
1,2-Dichloropropane
Concen: 5.129 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.4 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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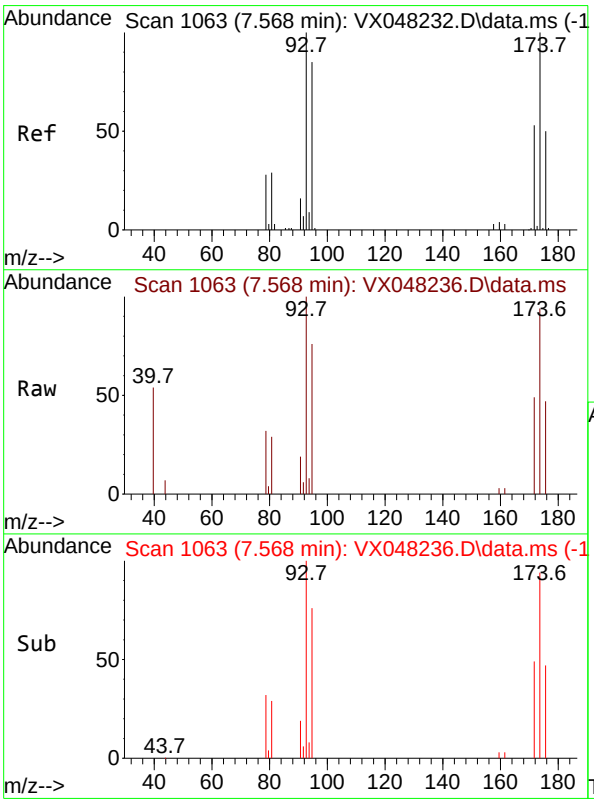
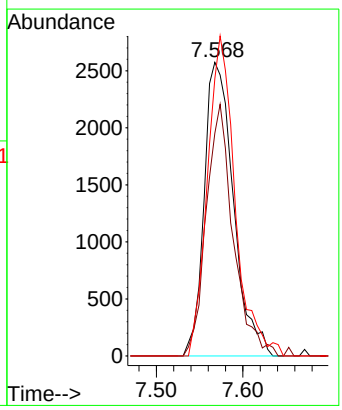
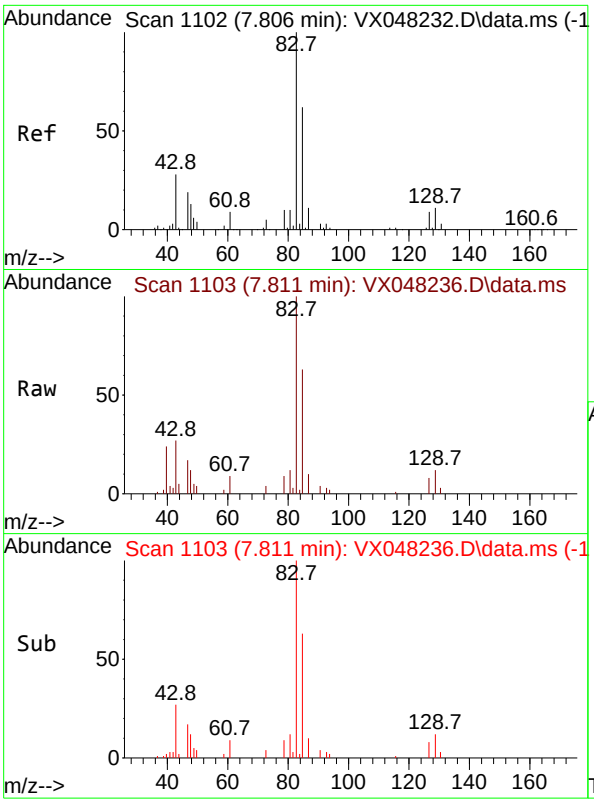



#46
Dibromomethane
Concen: 5.181 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 93 Resp: 6041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 79.0 | 65.9 | 98.9 |
| 174 | 103.1 | 71.7 | 107.5 |

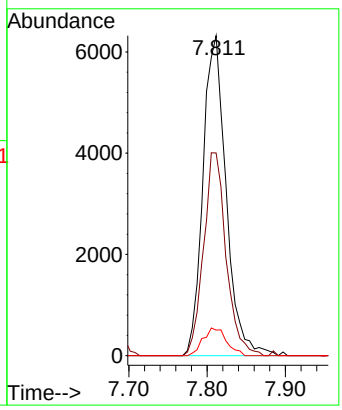





#47
Bromodichloromethane
Concen: 5.126 ug/l
RT: 7.811 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 1297

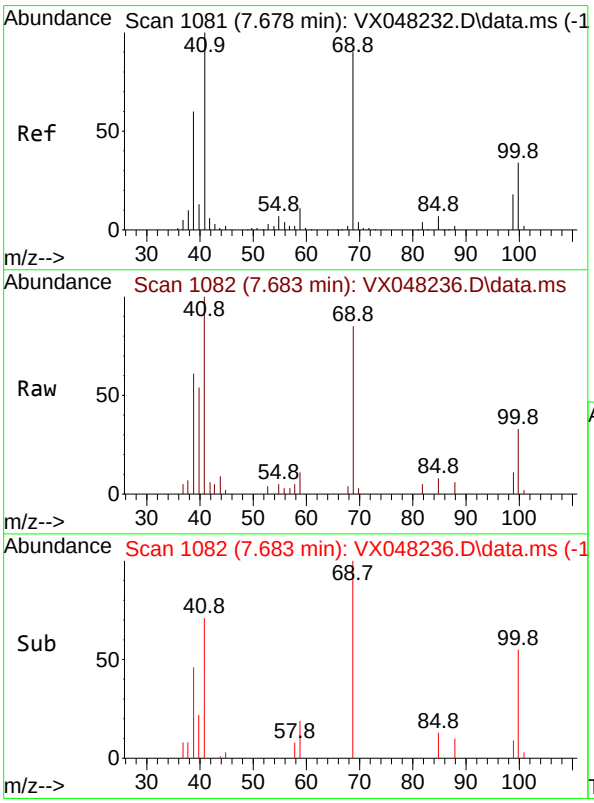
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.4 | 52.2 | 78.4 |
| 127 | 8.0 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

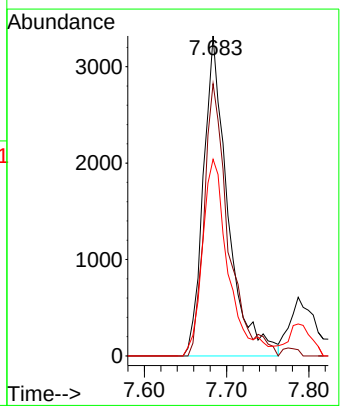
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

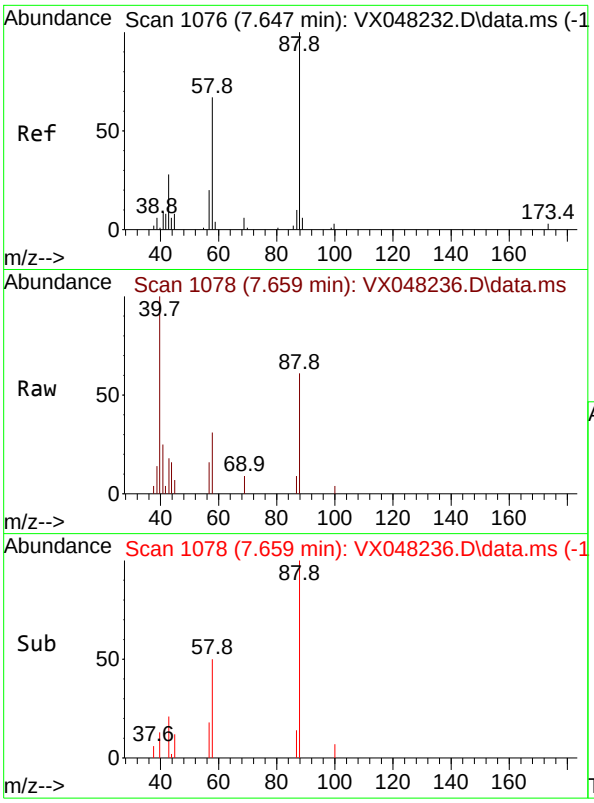



#48
Methyl methacrylate
Concen: 4.542 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 6863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 83.7 | 63.4 | 95.0 |
| 39 | 64.8 | 47.1 | 70.7 |

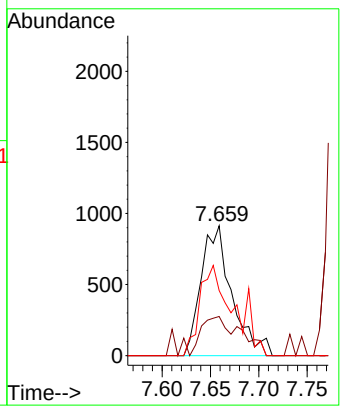





#49
1,4-Dioxane
Concen: 103.402 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 88 Resp: 202

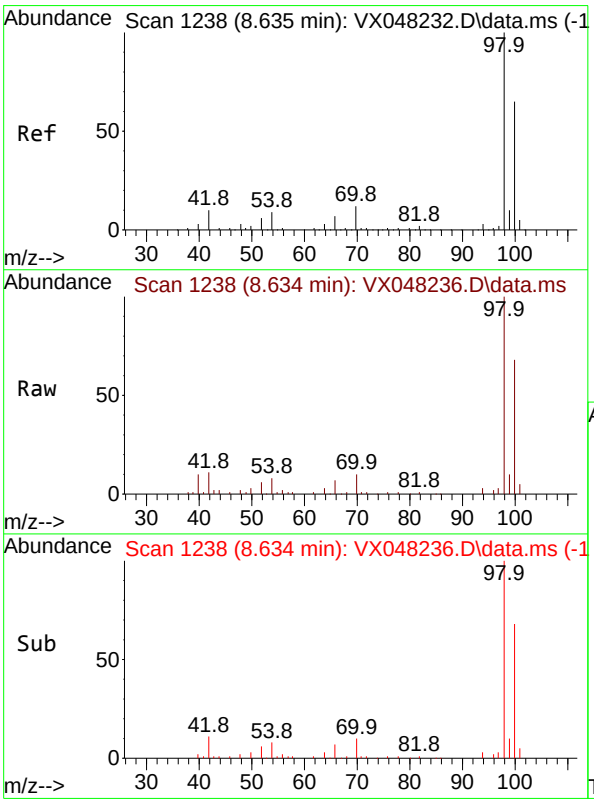
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 38.4 | 35.0 | 52.4 |
| 58 | 76.8 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

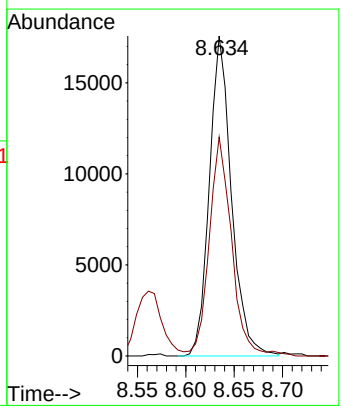
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

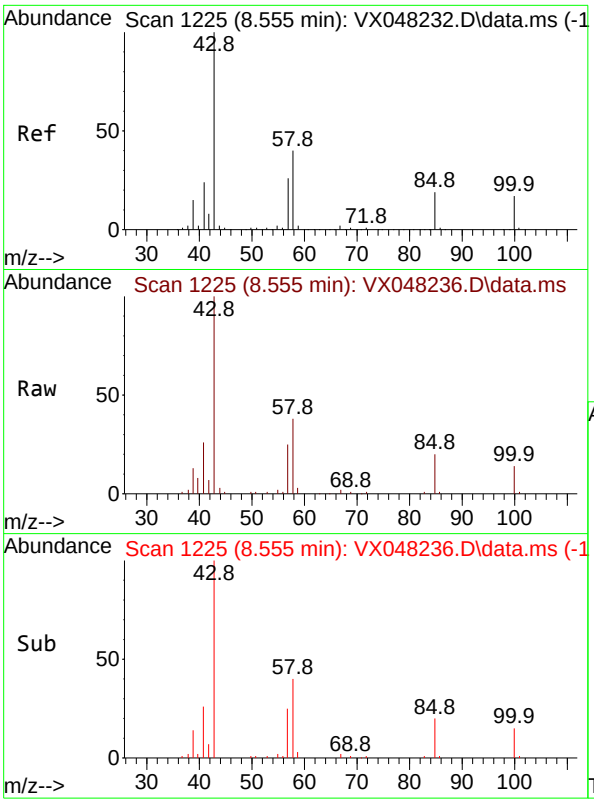



#50
Toluene-d8
Concen: 3.999 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 98 Resp: 27914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 69.2 | 53.0 | 79.4 |

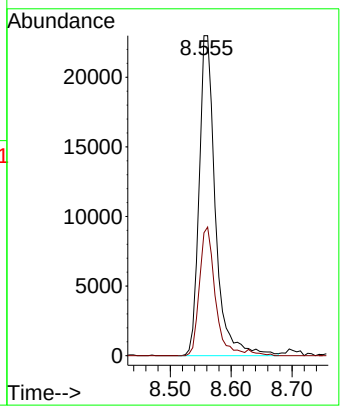





#51
4-Methyl-2-Pentanone
Concen: 24.936 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 4272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.7 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

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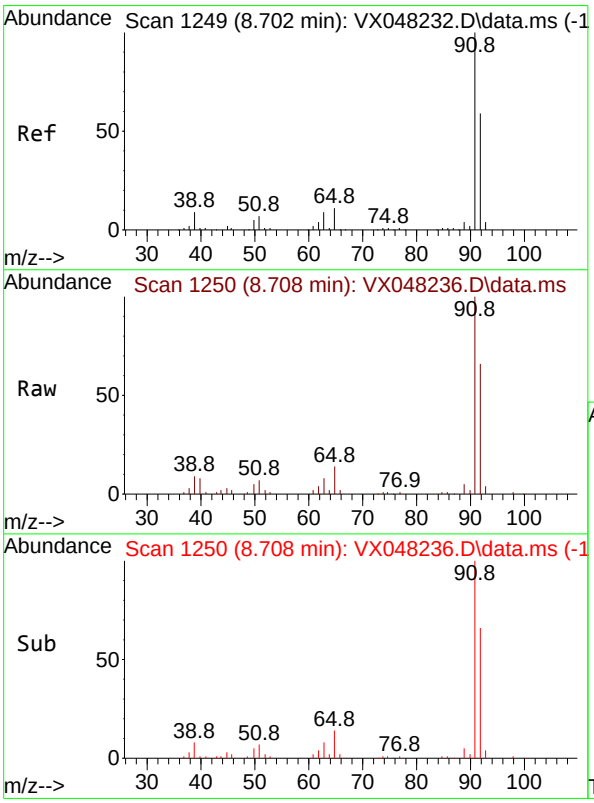
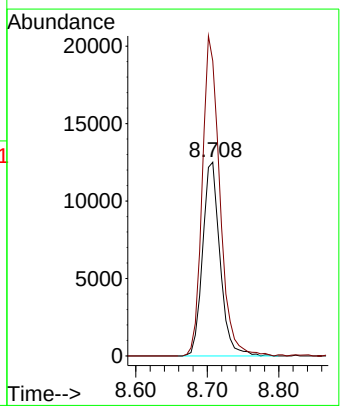
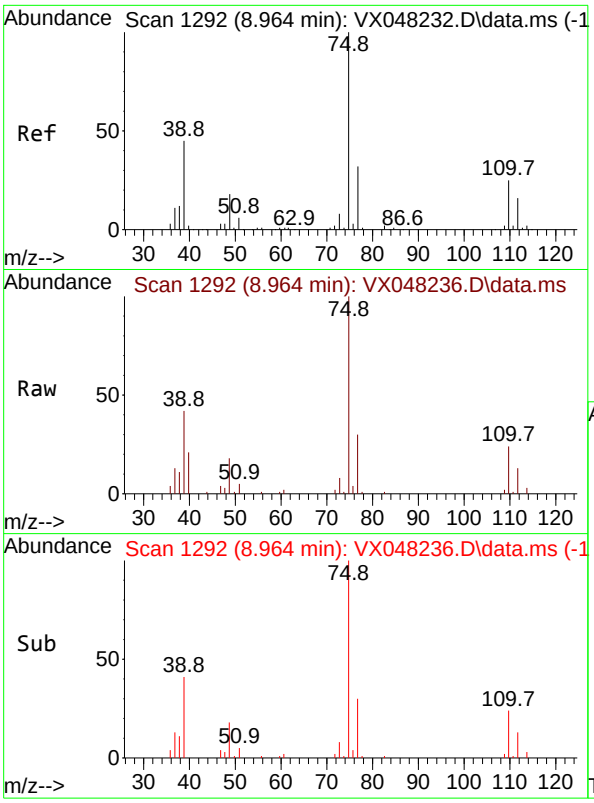



#52
Toluene
Concen: 5.296 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 92 Resp: 21137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 166.2 | 136.1 | 204.1 |

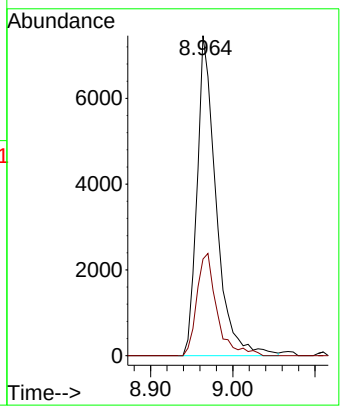





#53
t-1,3-Dichloropropene
Concen: 4.914 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 1201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.2 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

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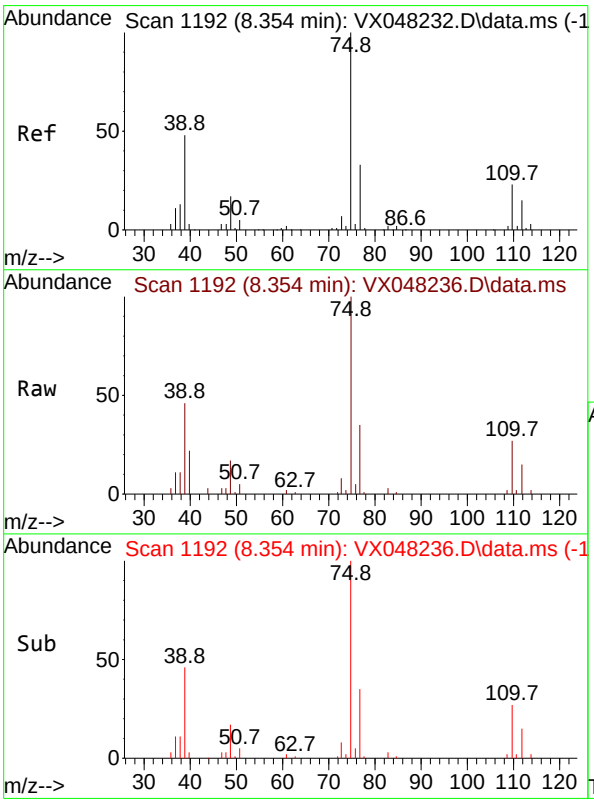
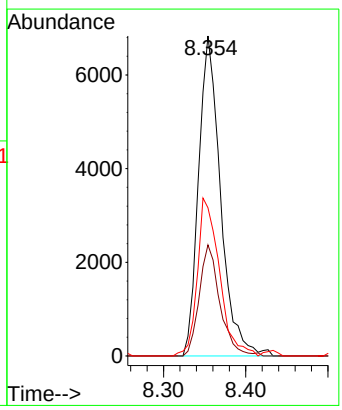
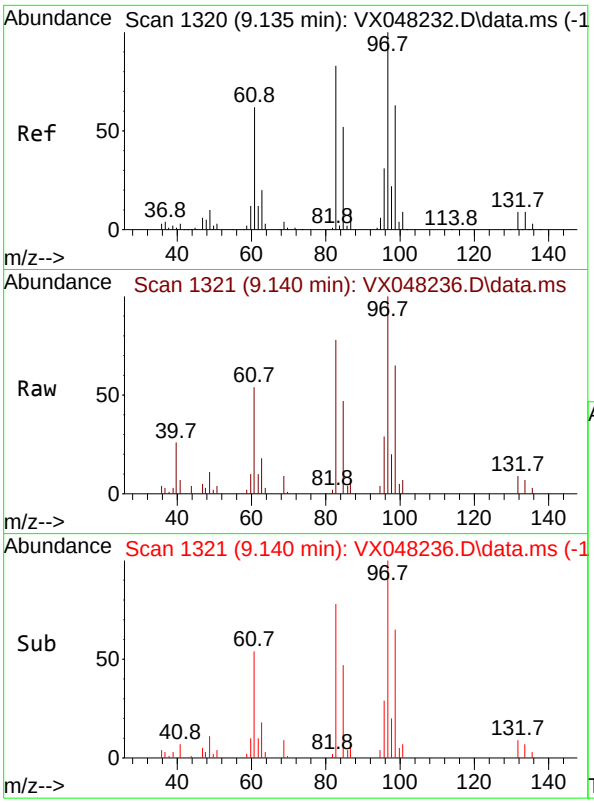



#54
cis-1,3-Dichloropropene
Concen: 4.820 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 12702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.7 | 24.9 | 37.3 |
| 39 | 45.3 | 42.6 | 64.0 |

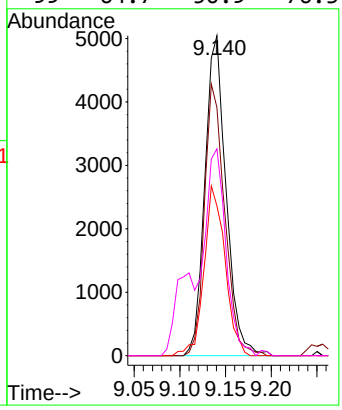





#55
1,1,2-Trichloroethane
Concen: 5.453 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 97 Resp: 811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 77.5 | 70.6 | 105.8 |
| 85 | 46.8 | 45.0 | 67.6 |
| 99 | 64.7 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
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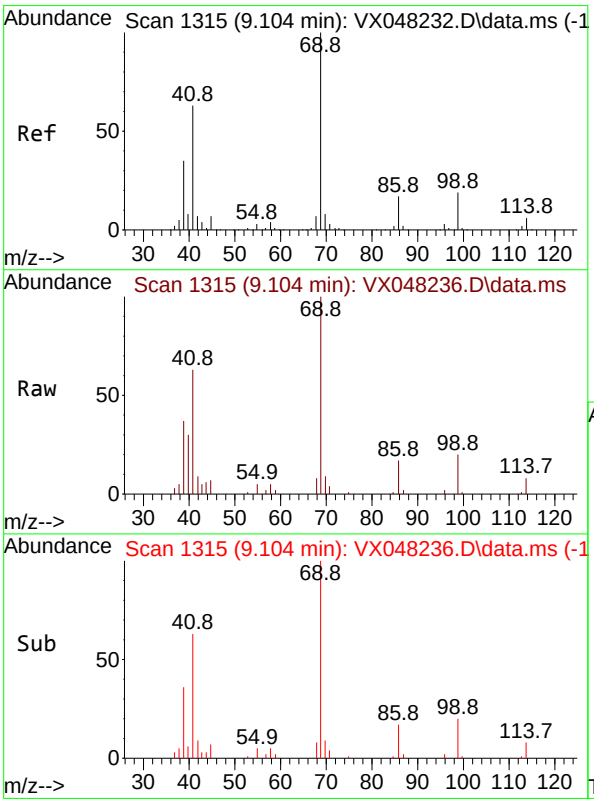
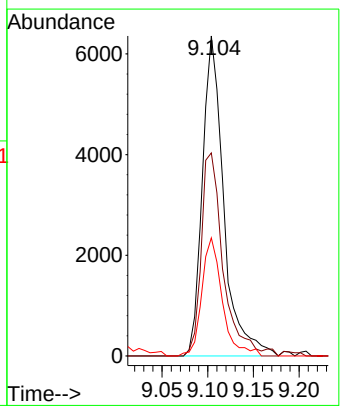
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

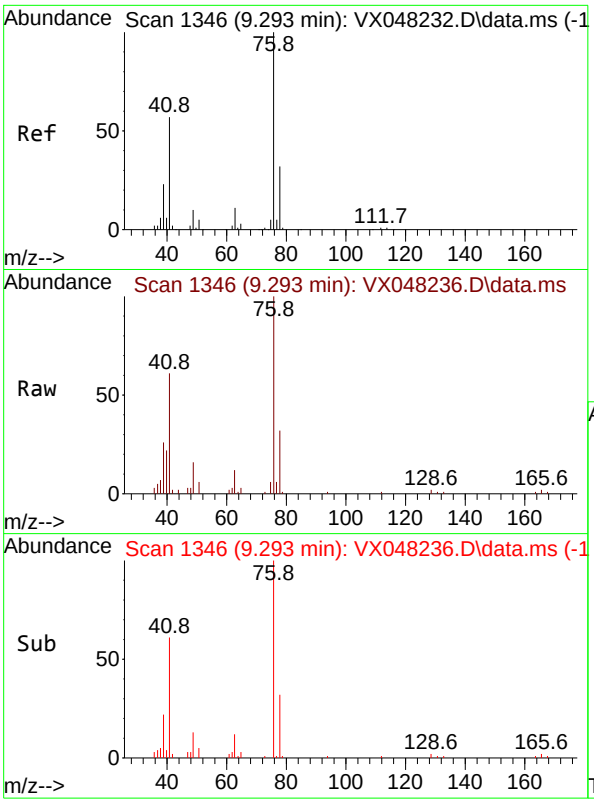



#56
Ethyl methacrylate
Concen: 4.713 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 69 Resp: 10320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.3 | 56.0 | 84.0 |
| 39 | 35.3 | 31.6 | 47.4 |

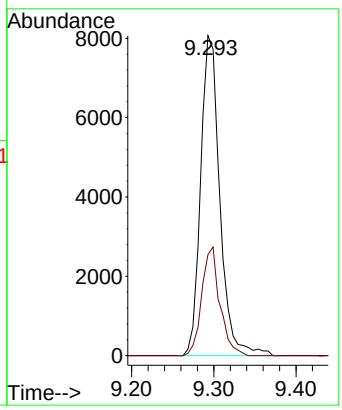





#57
1,3-Dichloropropane
Concen: 5.112 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 76 Resp: 1308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.0 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations**
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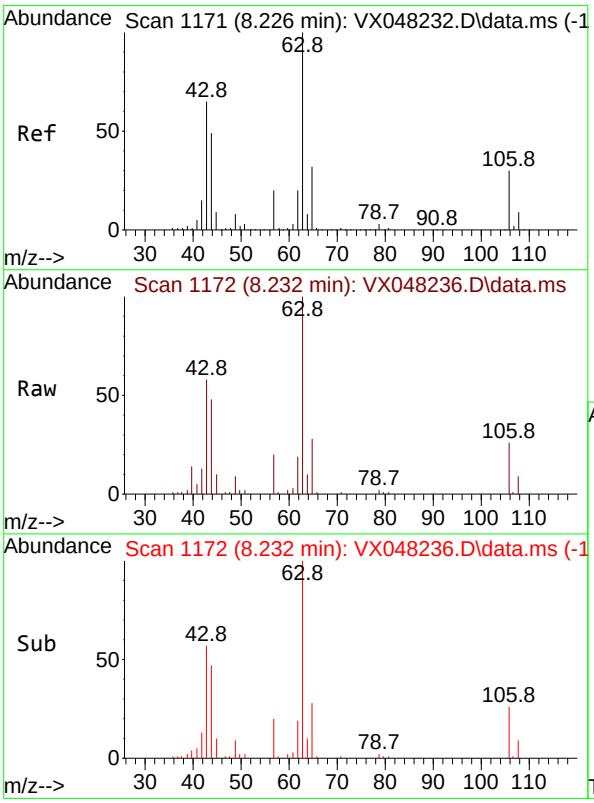
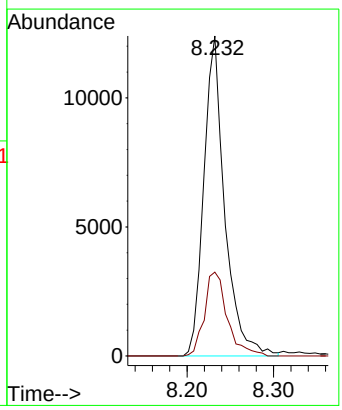
Supervised By :Semsettin Yesilyurt 10/21/2025

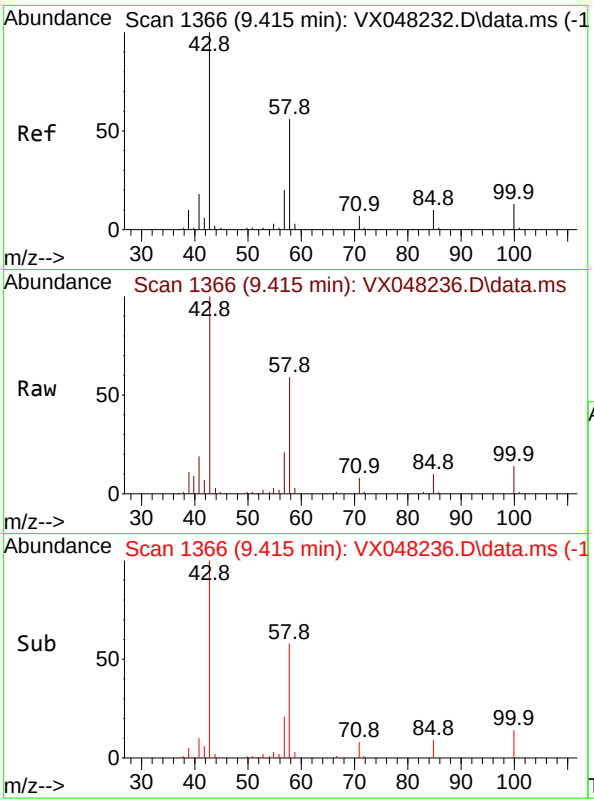



#58
2-Chloroethyl Vinyl ether
Concen: 19.525 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 20764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.6 | 22.2 | 33.2 |

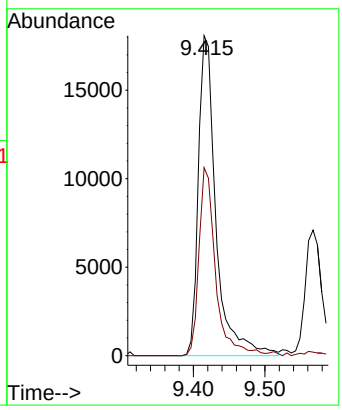





#59
2-Hexanone
Concen: 25.896 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 3094

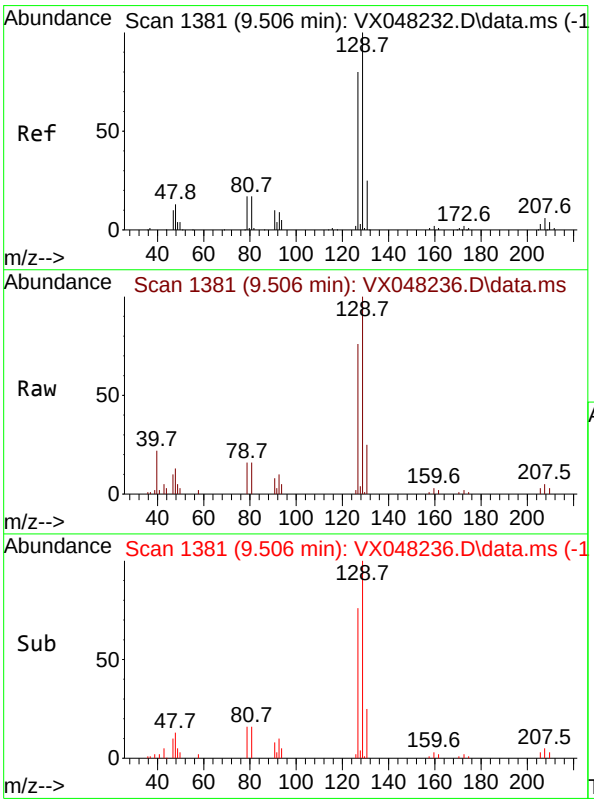
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.4 | 26.3 | 78.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

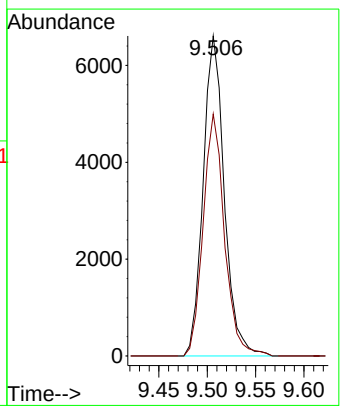
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

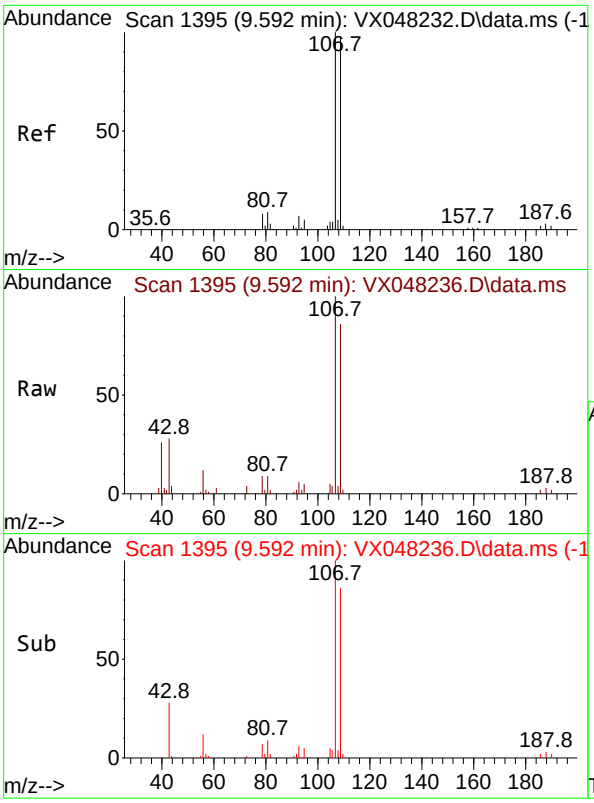



#60
Dibromochloromethane
Concen: 5.028 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:129 Resp: 10082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.3 | 38.6 | 115.7 |

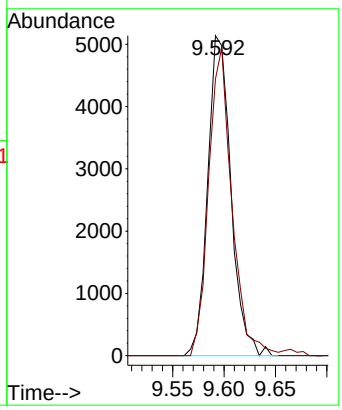





#61
1,2-Dibromoethane
Concen: 5.075 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:107 Resp: 807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.3 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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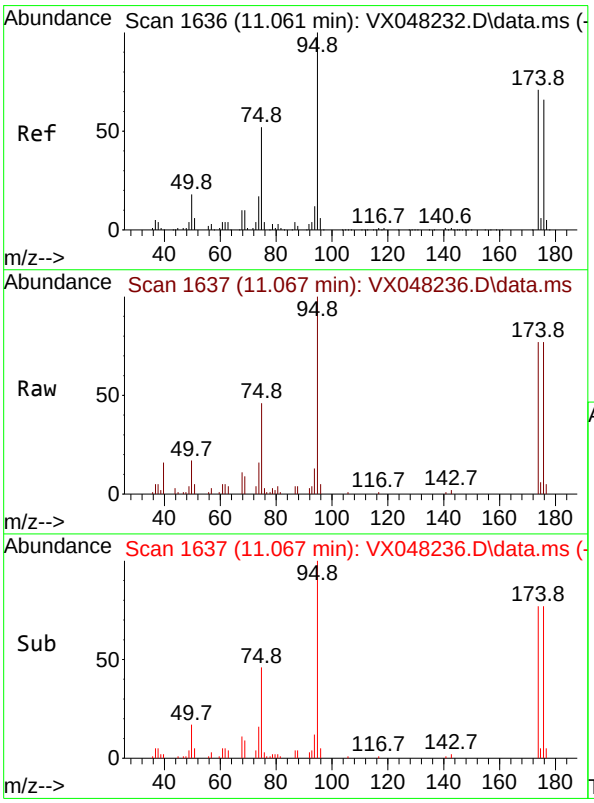
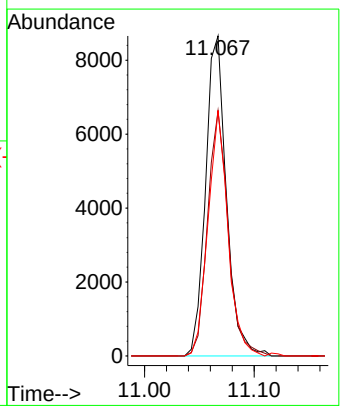
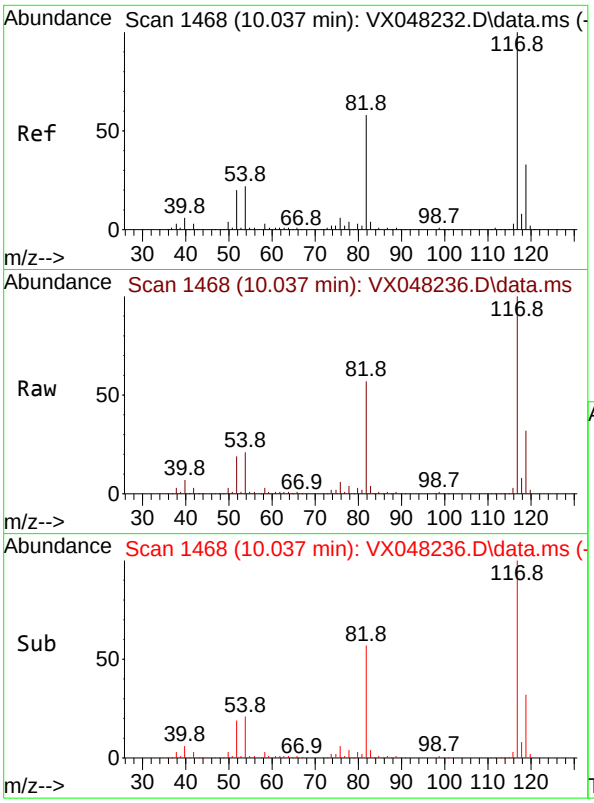



#62
4-Bromofluorobenzene
Concen: 4.042 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 95 Resp: 11429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.7 | 0.0 | 147.8 |
| 176 | 73.4 | 0.0 | 142.8 |

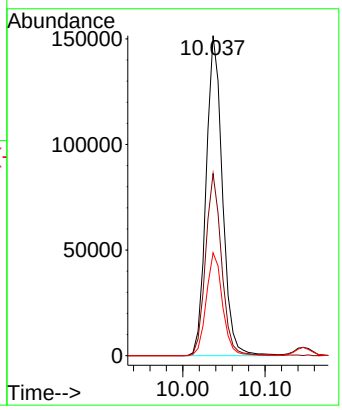





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 20848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.9 | 46.5 | 69.7 |
| 119 | 32.2 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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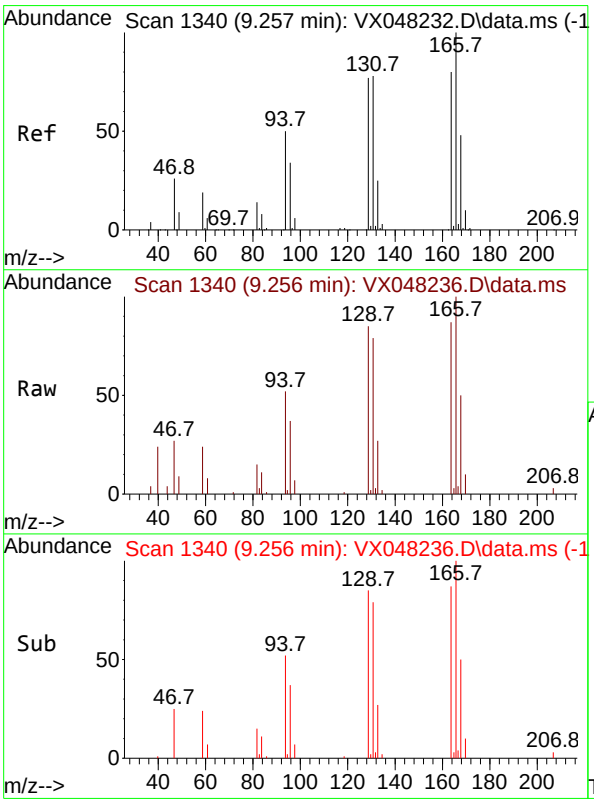
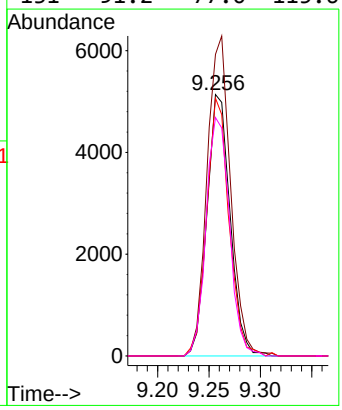
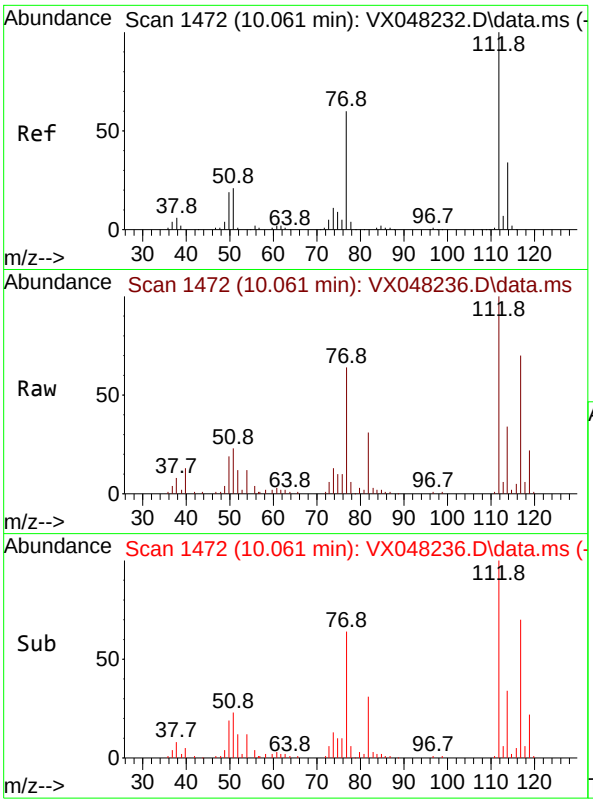



#64
Tetrachloroethene
Concen: 5.341 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:164 Resp: 8020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 115.3 | 104.5 | 156.7 |
| 129 | 98.6 | 81.8 | 122.6 |
| 131 | 91.2 | 77.0 | 115.6 |

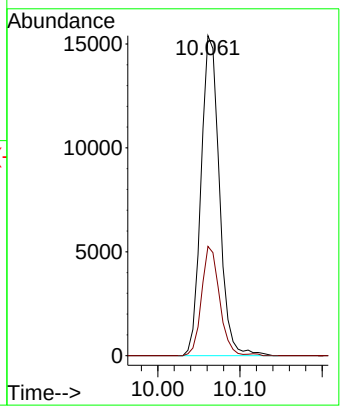





#65
Chlorobenzene
Concen: 5.236 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:112 Resp: 2387

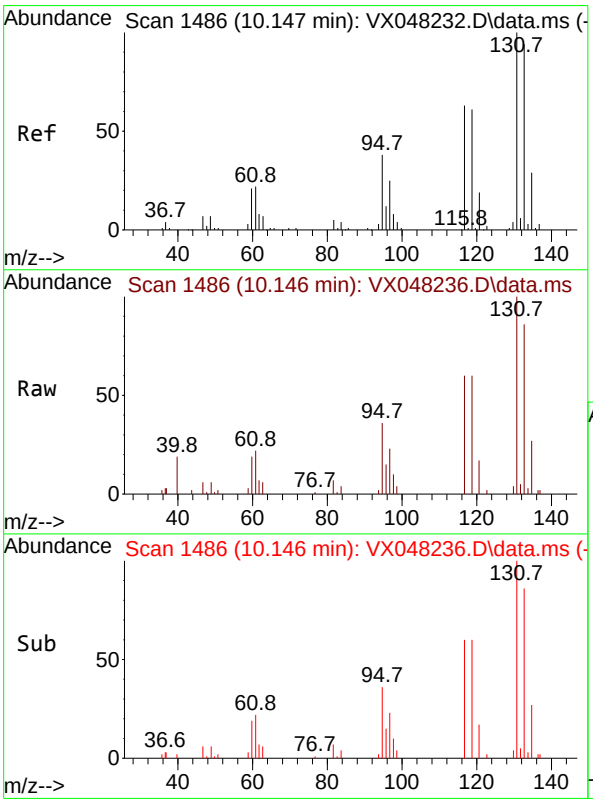
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 34.2 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

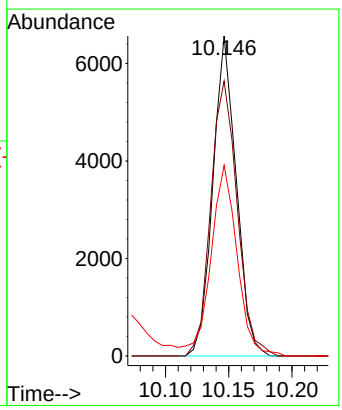
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

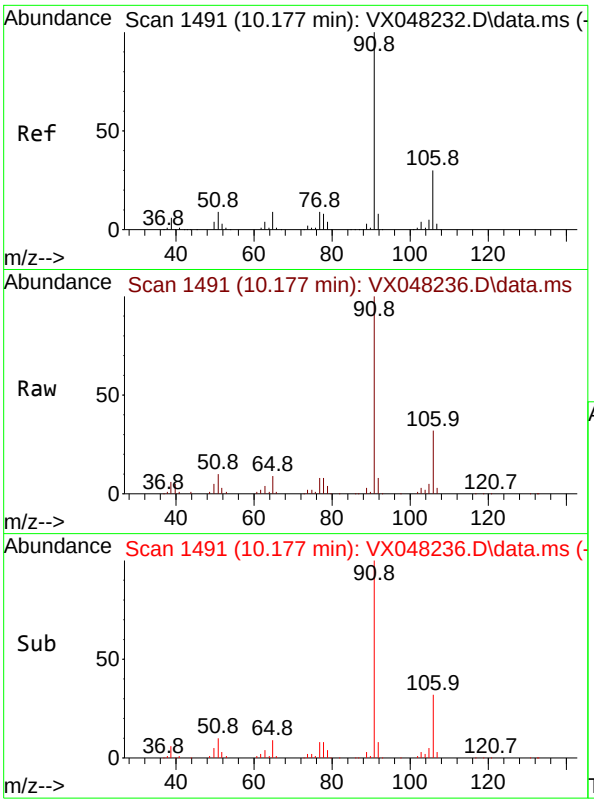



#66
1,1,1,2-Tetrachloroethane
Concen: 5.012 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:131 Resp: 8450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.1 | 47.6 | 142.8 |
| 119 | 66.7 | 32.5 | 97.5 |

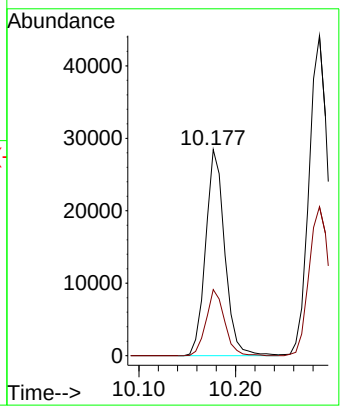





#67
Ethyl Benzene
Concen: 5.044 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 3912

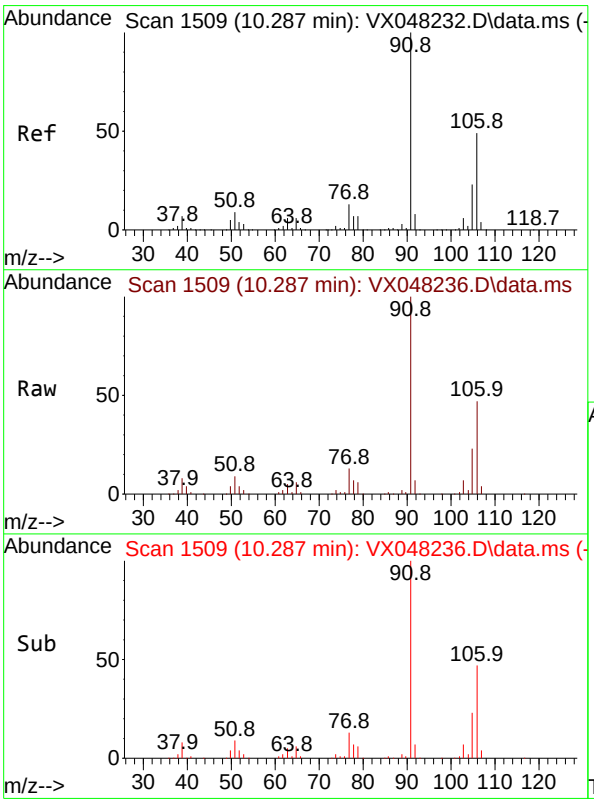
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.1 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

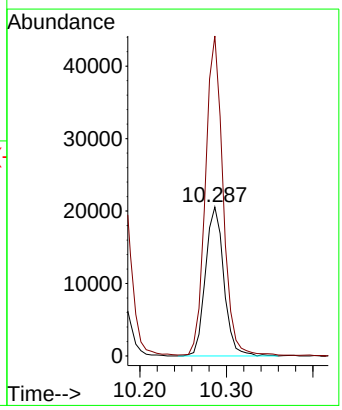
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

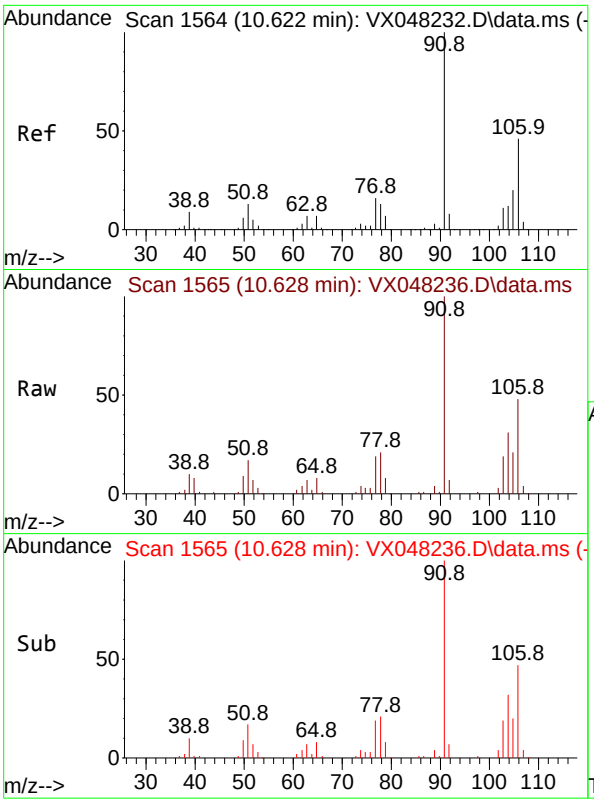



#68
m/p-Xylenes
Concen: 10.586 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:106 Resp: 30310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.7 | 167.9 | 251.9 |

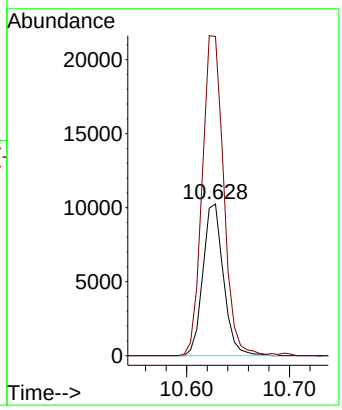





#69
o-Xylene
Concen: 5.128 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:106 Resp: 1426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.6 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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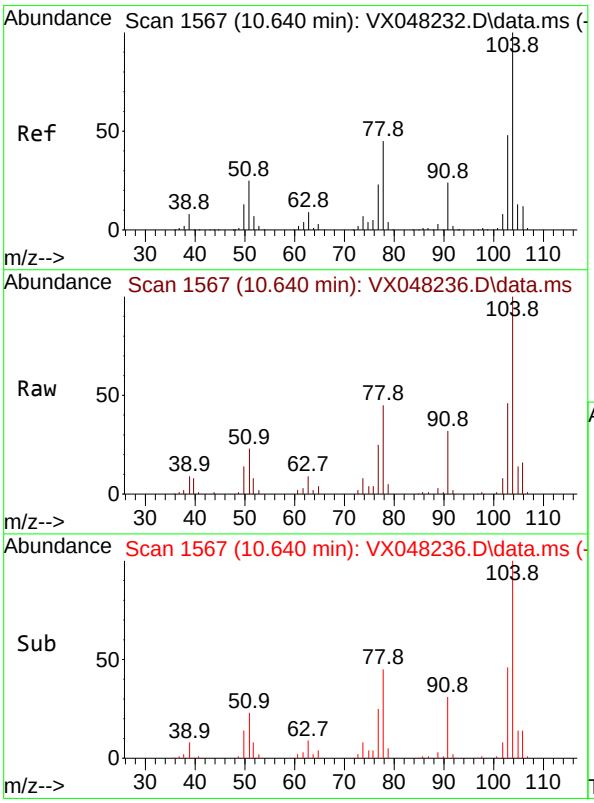
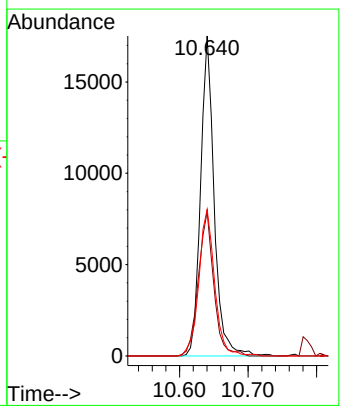
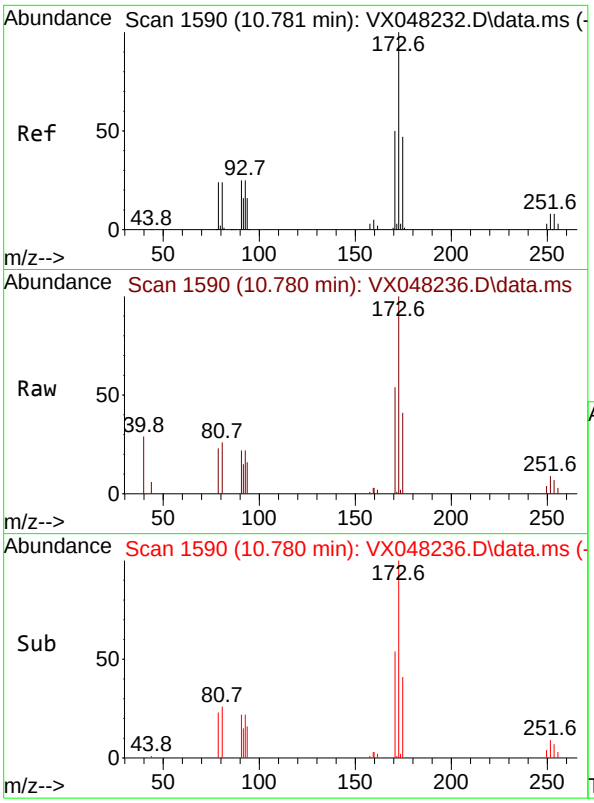



#70
Styrene
Concen: 5.138 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:104 Resp: 24289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.1 | 42.2 | 63.4 |
| 103 | 53.2 | 43.0 | 64.4 |

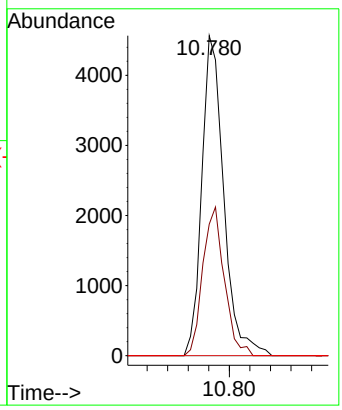





#71
Bromoform
Concen: 5.031 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:173 Resp: 676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 45.6 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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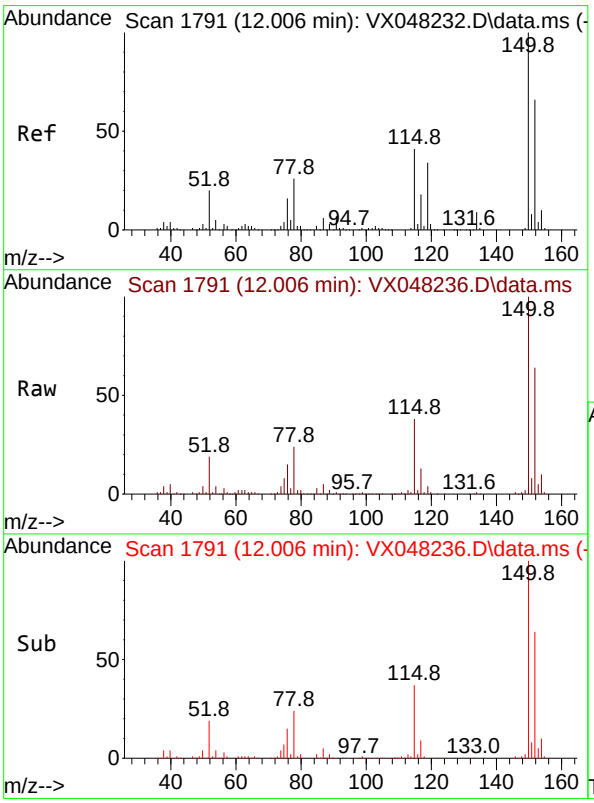
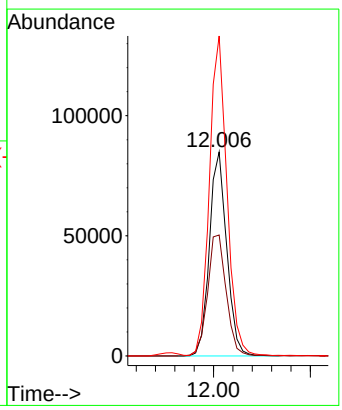
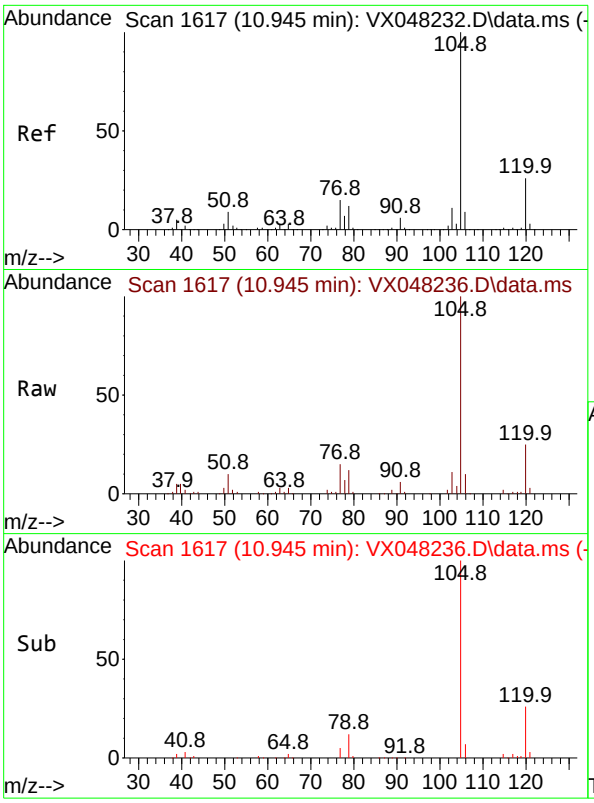



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:152 Resp: 105998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.9 | 43.1 | 129.4 |
| 150 | 157.2 | 0.0 | 353.0 |

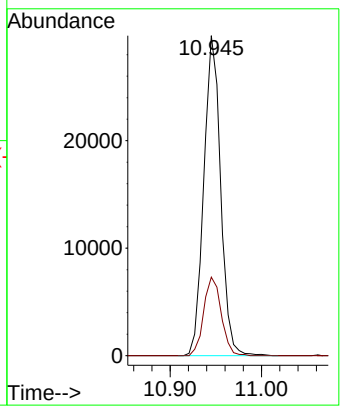





#73
Isopropylbenzene
Concen: 5.082 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 3793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.6 | 13.0 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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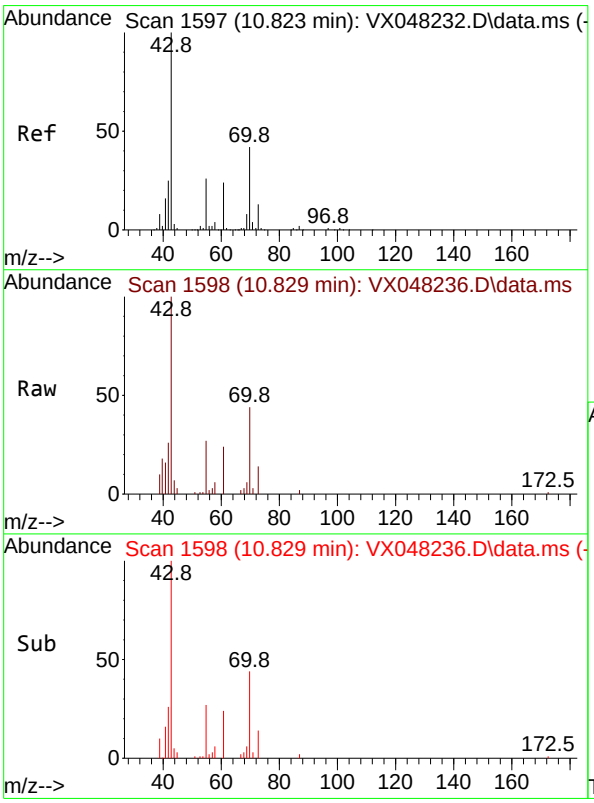
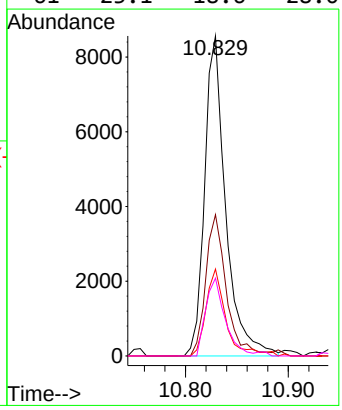
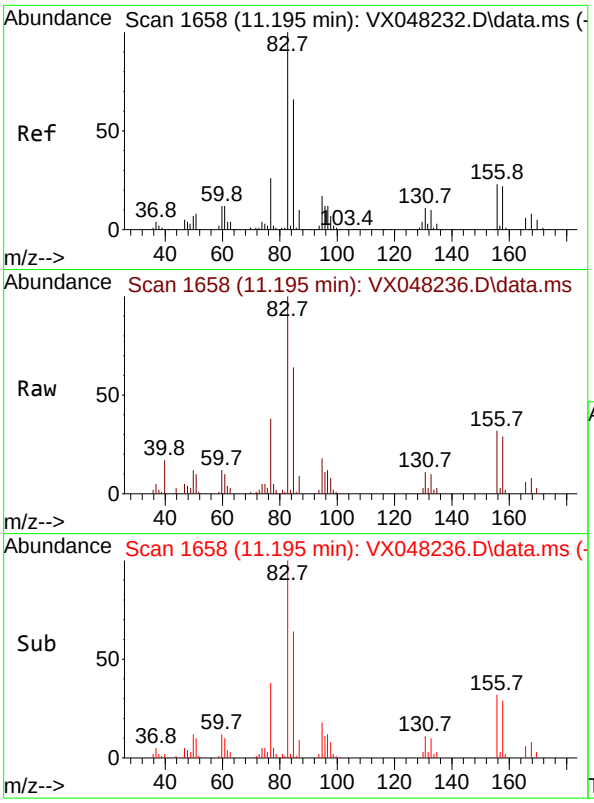



#74
N-amyl acetate
Concen: 4.544 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 12188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.3 | 32.2 | 48.2 |
| 55 | 25.7 | 19.1 | 28.7 |
| 61 | 23.1 | 18.6 | 28.0 |

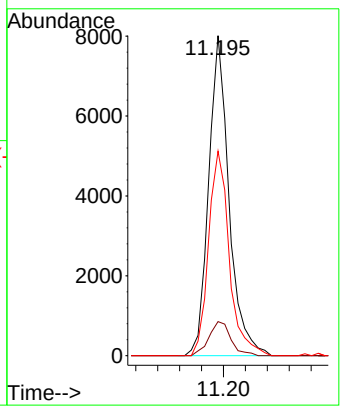





#75
1,1,2,2-Tetrachloroethane
Concen: 4.992 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 1032

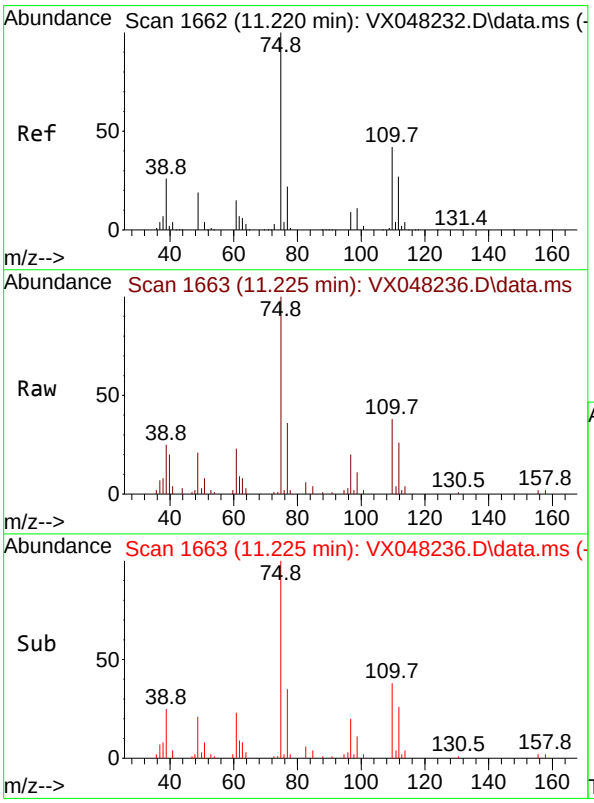
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.5 | 4.8 | 14.4 |
| 85 | 65.0 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

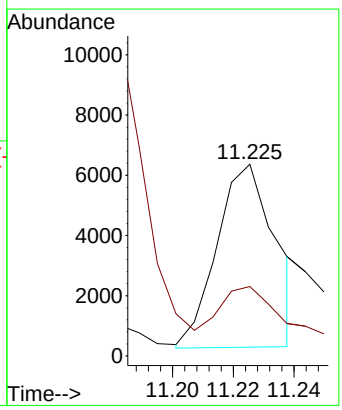
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

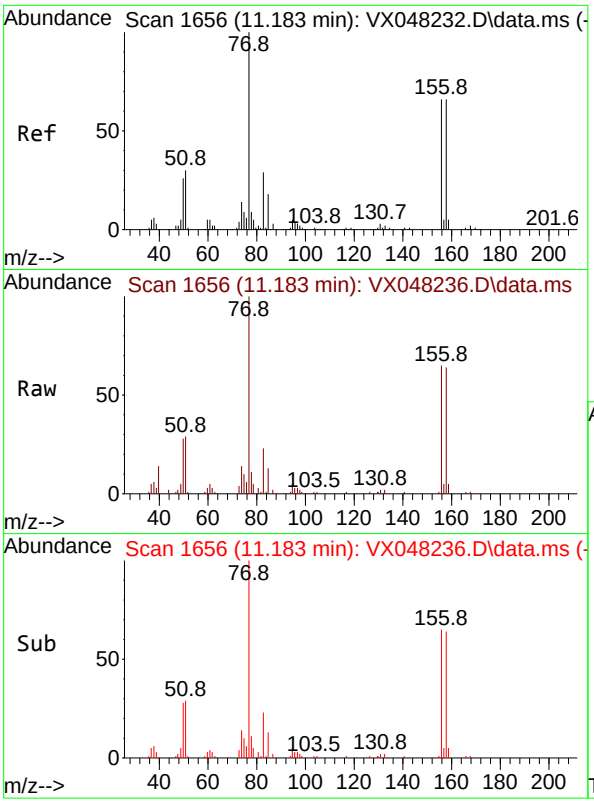



#76
1,2,3-Trichloropropane
Concen: 4.889 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 8134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 49.3 | 22.4 | 67.2 |

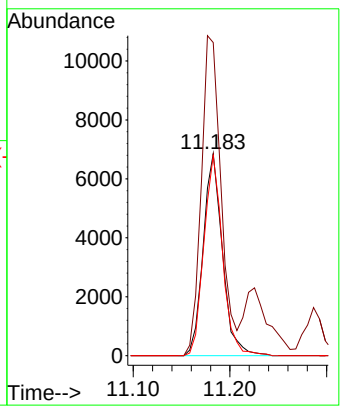





#77
Bromobenzene
Concen: 5.027 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:156 Resp: 950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 162.1 | 87.0 | 261.0 |
| 158 | 96.5 | 47.8 | 143.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

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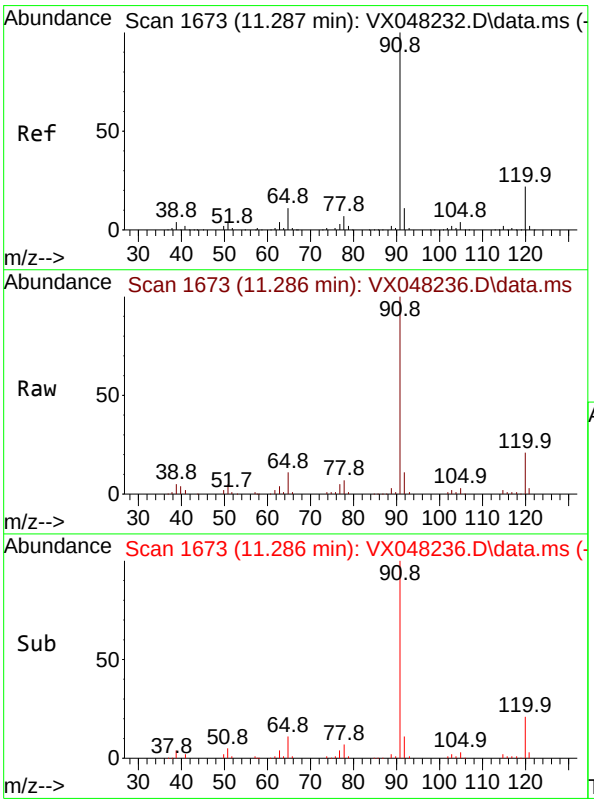
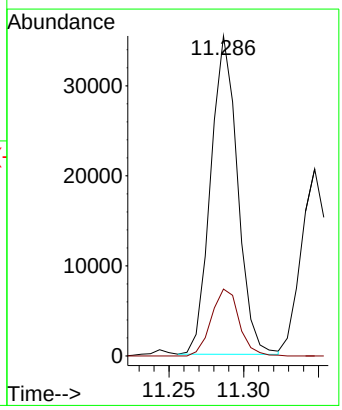
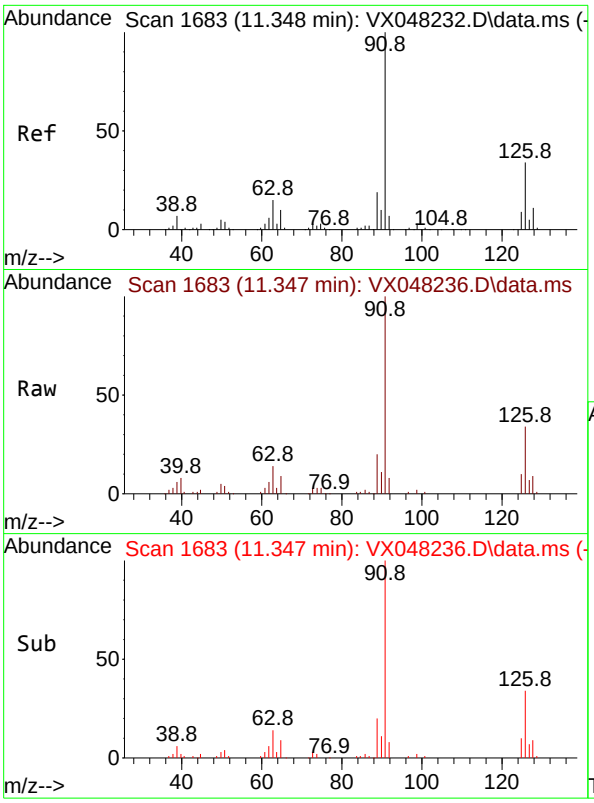



#78
n-propylbenzene
Concen: 5.097 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 44189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.7 | 11.1 | 33.1 |






#79
2-Chlorotoluene
Concen: 5.032 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 2662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.0 | 16.4 | 49.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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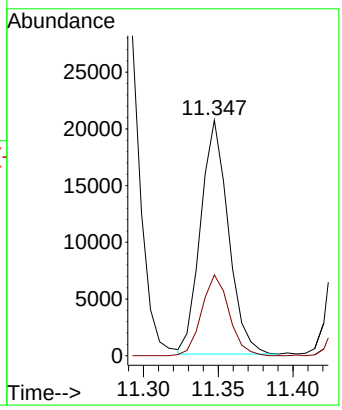
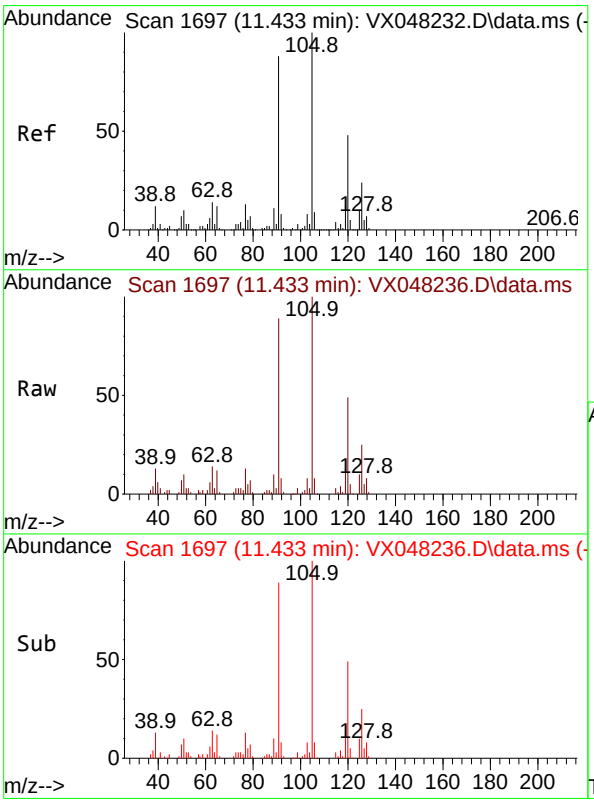
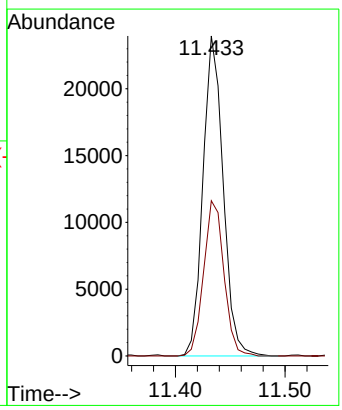


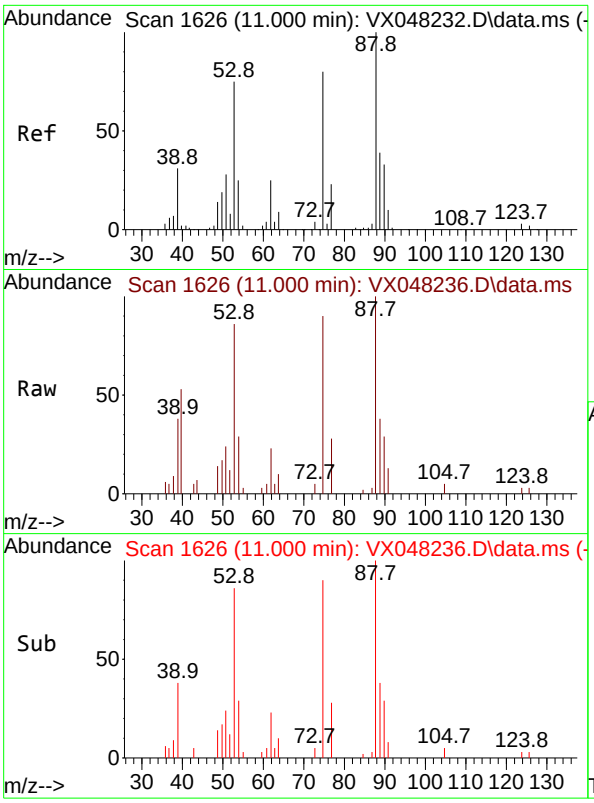




#80
1,3,5-Trimethylbenzene
Concen: 4.910 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 30618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.8 | 24.0 | 72.0 |

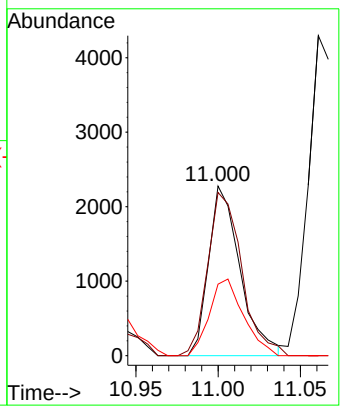





#81
trans-1,4-Dichloro-2-butene
Concen: 4.387 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 303

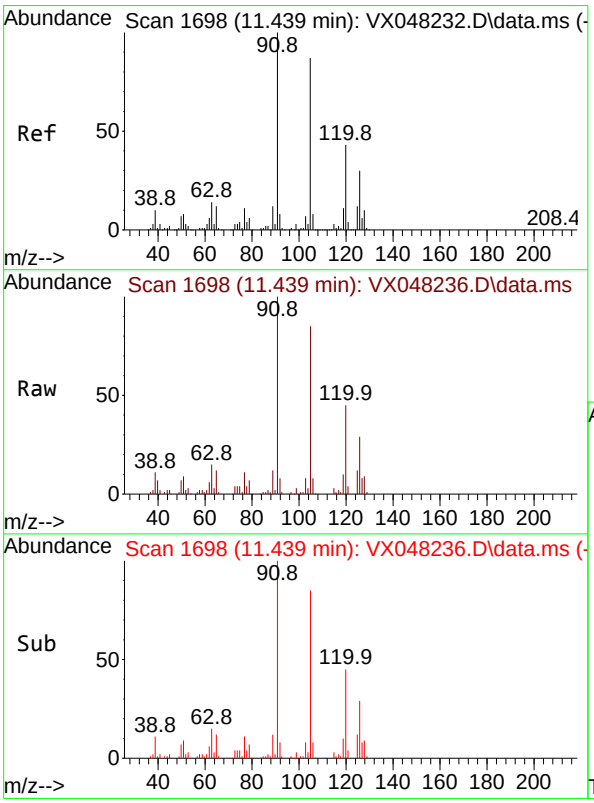
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 103.8 | 79.5 | 119.3 |
| 89 | 49.0 | 36.8 | 55.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

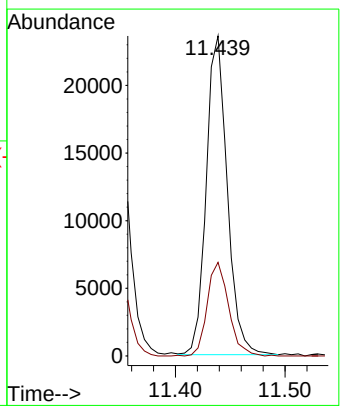
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

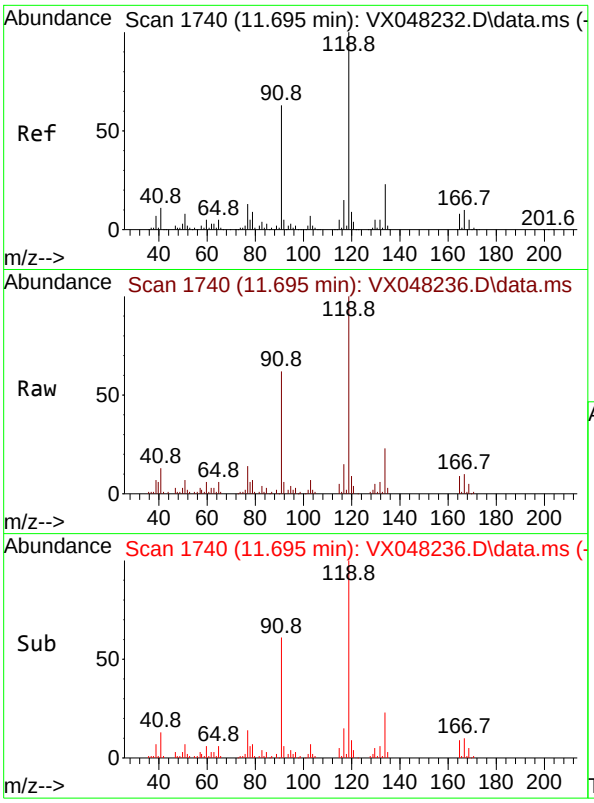



#82
4-Chlorotoluene
Concen: 5.017 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 31357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.1 | 14.1 | 42.4 |

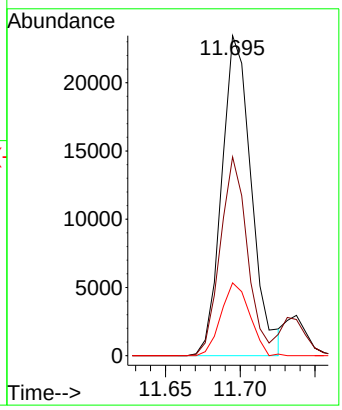





#83
tert-Butylbenzene
Concen: 5.086 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:119 Resp: 3229

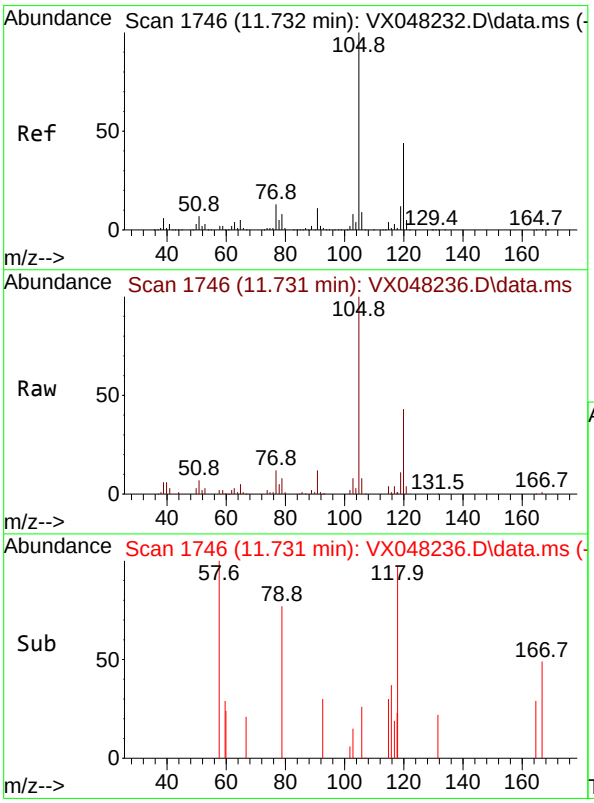
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 56.8 | 30.3 | 91.0 |
| 134 | 22.0 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

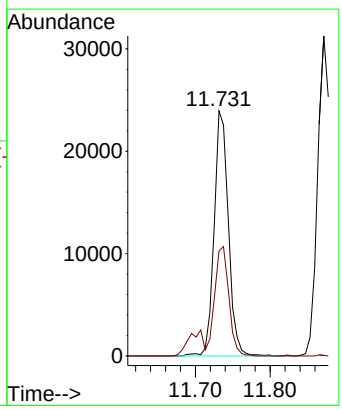
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

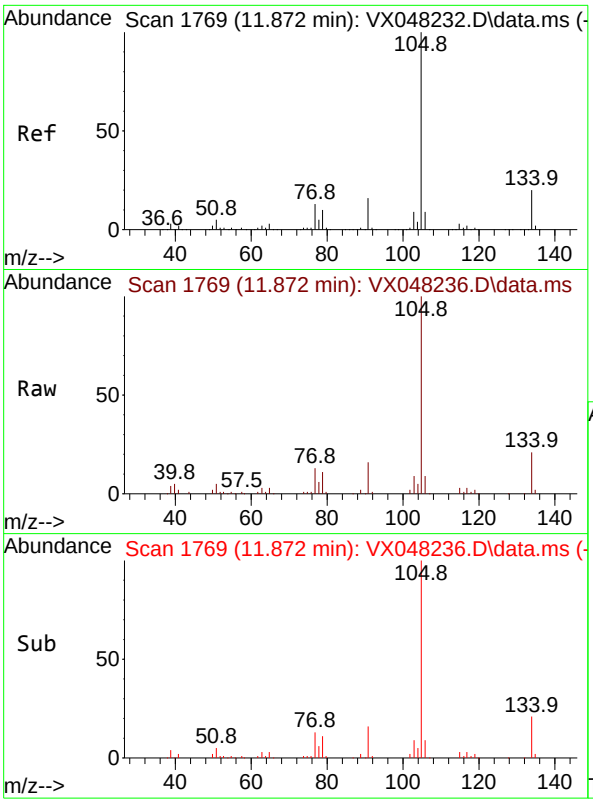



#84
1,2,4-Trimethylbenzene
Concen: 5.129 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 31709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.3 | 22.1 | 66.5 |






#85
sec-Butylbenzene
Concen: 5.118 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

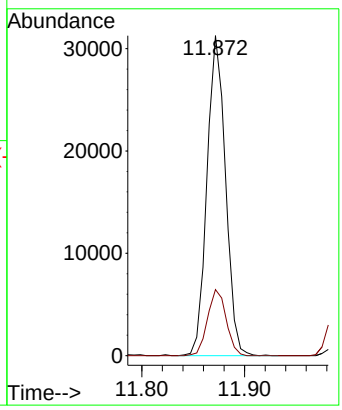
Tgt Ion:105 Resp: 3911

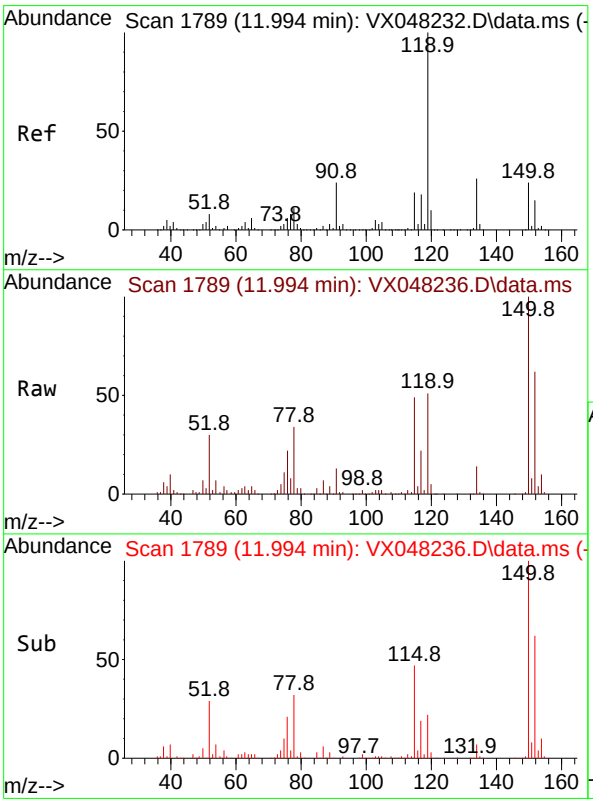
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.8 | 10.1 | 30.1 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

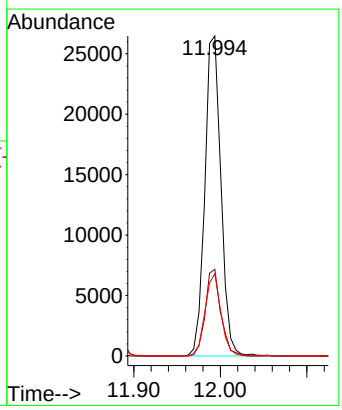


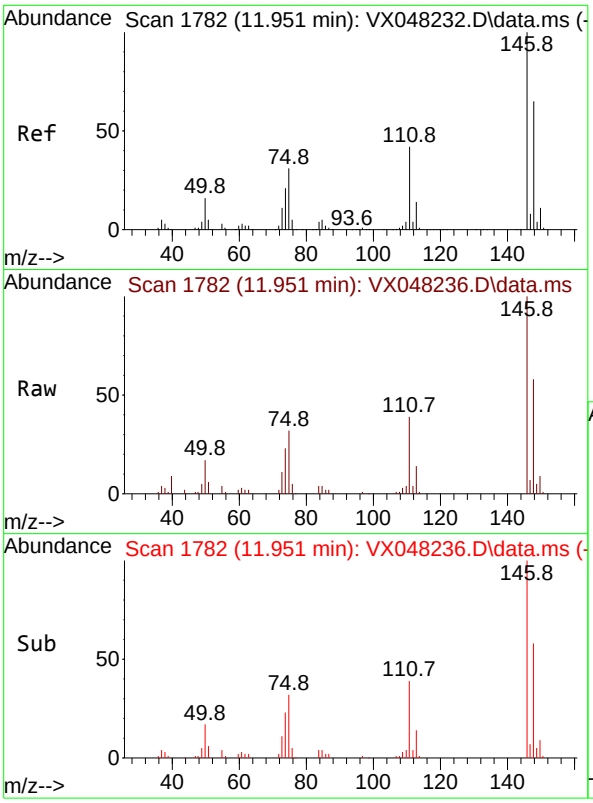




#86
p-Isopropyltoluene
Concen: 5.185 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:119 Resp: 34155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.1 | 13.0 | 39.0 |
| 91 | 25.3 | 12.1 | 36.3 |

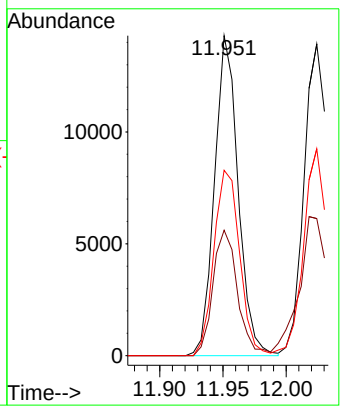





#87
1,3-Dichlorobenzene
Concen: 5.256 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:146 Resp: 1854

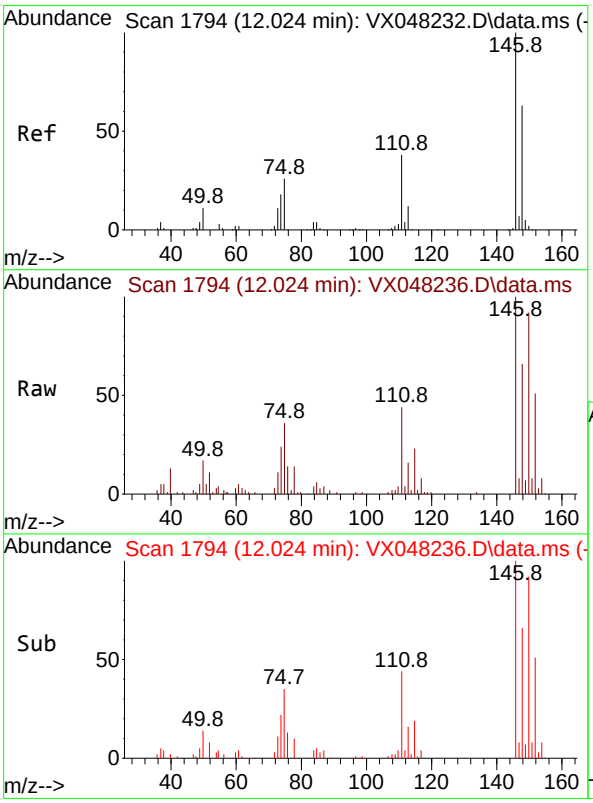
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.9 | 20.4 | 61.2 |
| 148 | 63.1 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

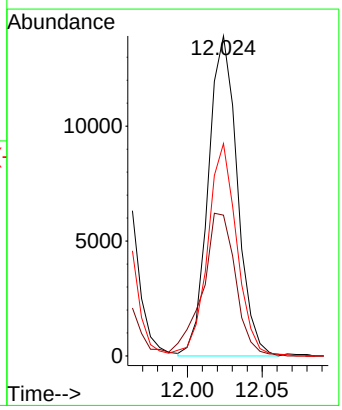
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

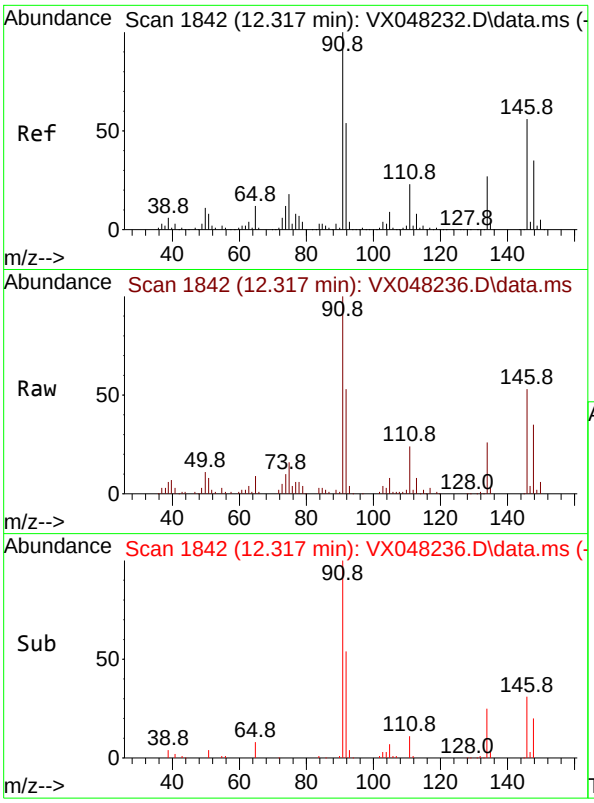



#88
1,4-Dichlorobenzene
Concen: 5.081 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:146 Resp: 18787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 50.9 | 20.1 | 60.2 |
| 148 | 66.5 | 31.8 | 95.3 |

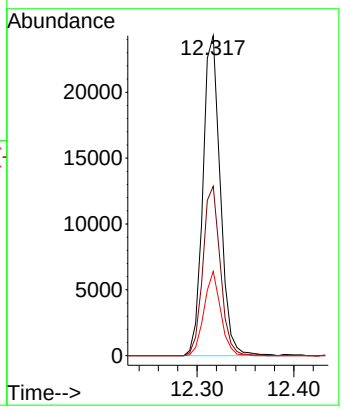





#89
n-Butylbenzene
Concen: 5.069 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 3040

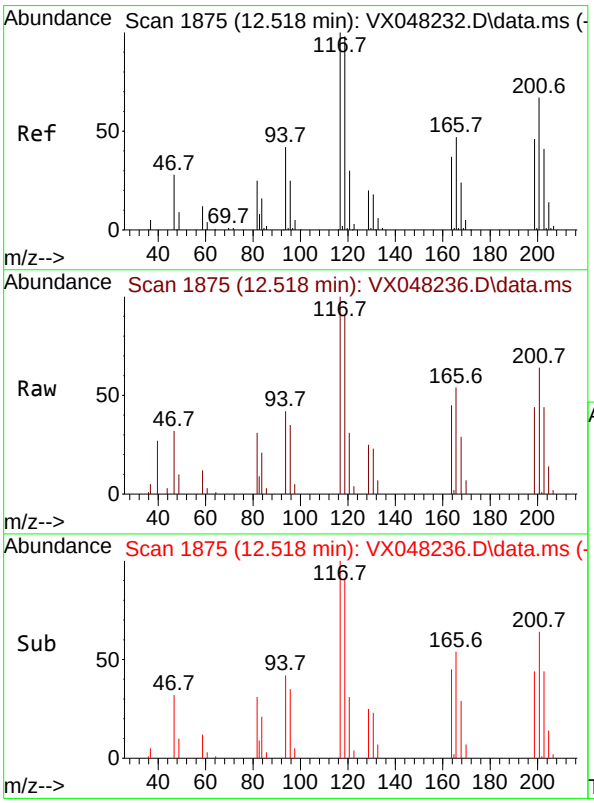
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.1 | 26.9 | 80.6 |
| 134 | 25.2 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

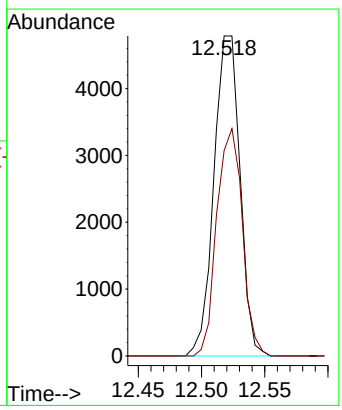
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

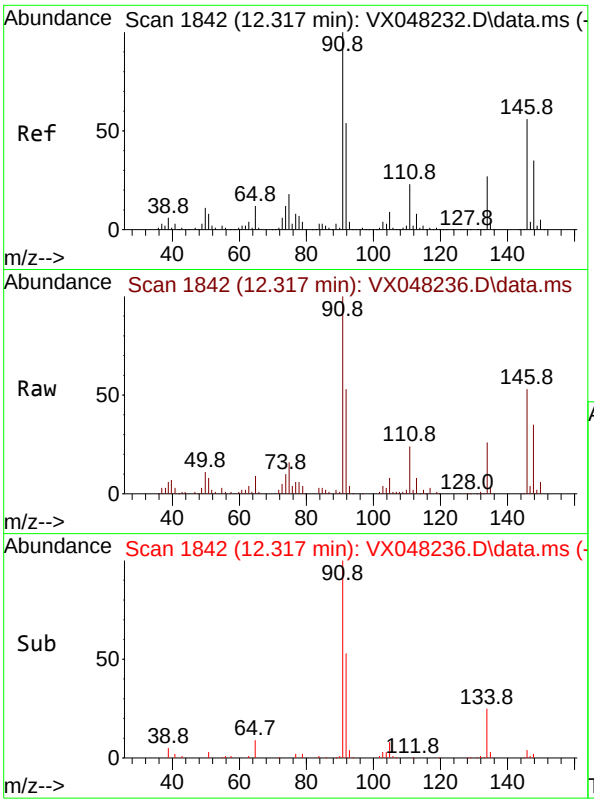



#90
Hexachloroethane
Concen: 5.210 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 6863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 69.4 | 34.1 | 102.2 |

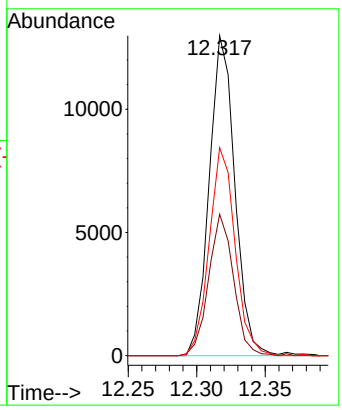





#91
1,2-Dichlorobenzene
Concen: 5.076 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:146 Resp: 1684

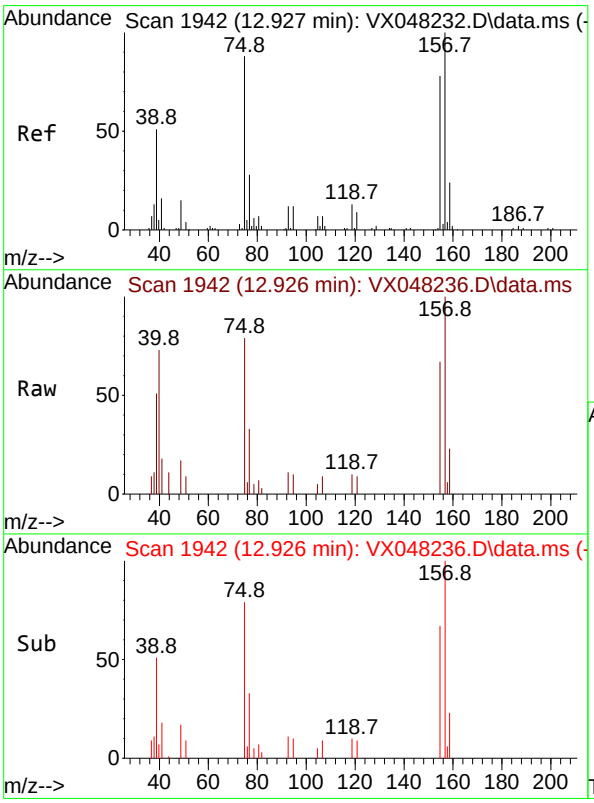
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.0 | 21.9 | 65.5 |
| 148 | 65.9 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

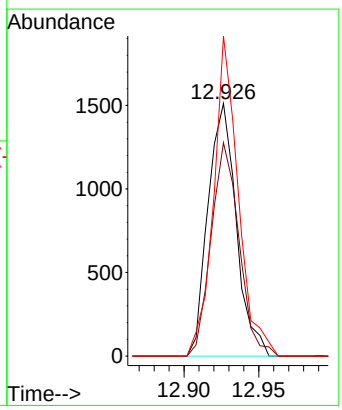
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

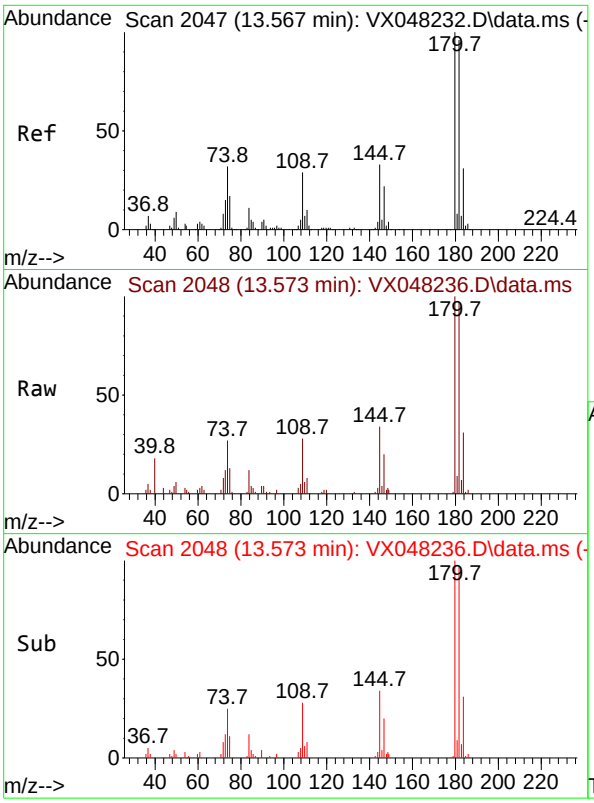



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.680 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 1984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.2 | 42.8 | 128.4 |
| 157 | 110.7 | 54.2 | 162.6 |

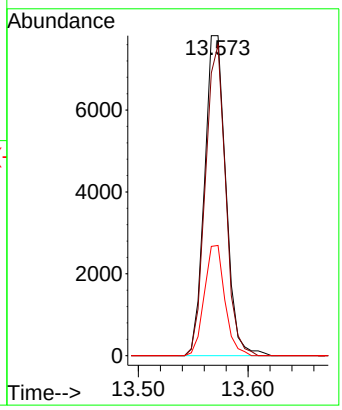





#93
1,2,4-Trichlorobenzene
Concen: 4.693 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:180 Resp: 1053

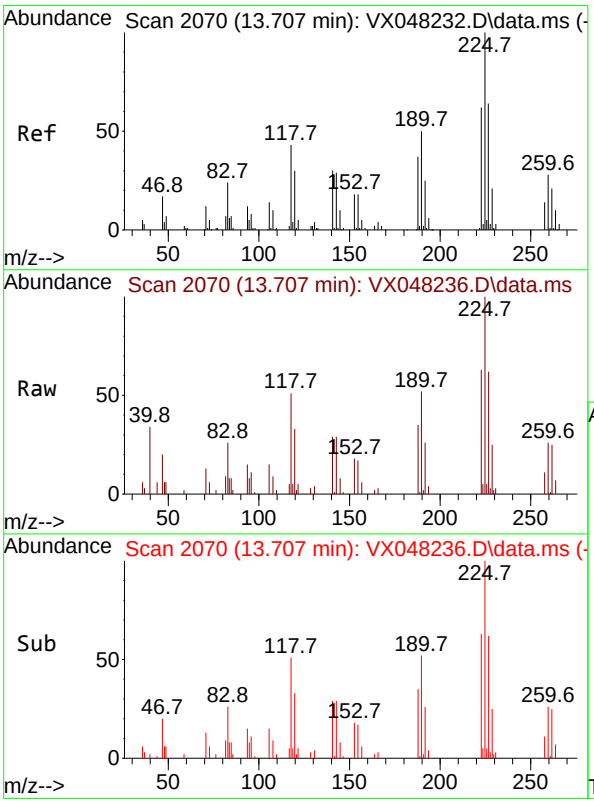
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.5 | 47.3 | 142.0 |
| 145 | 33.2 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

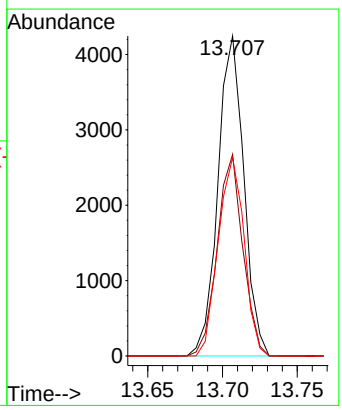
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

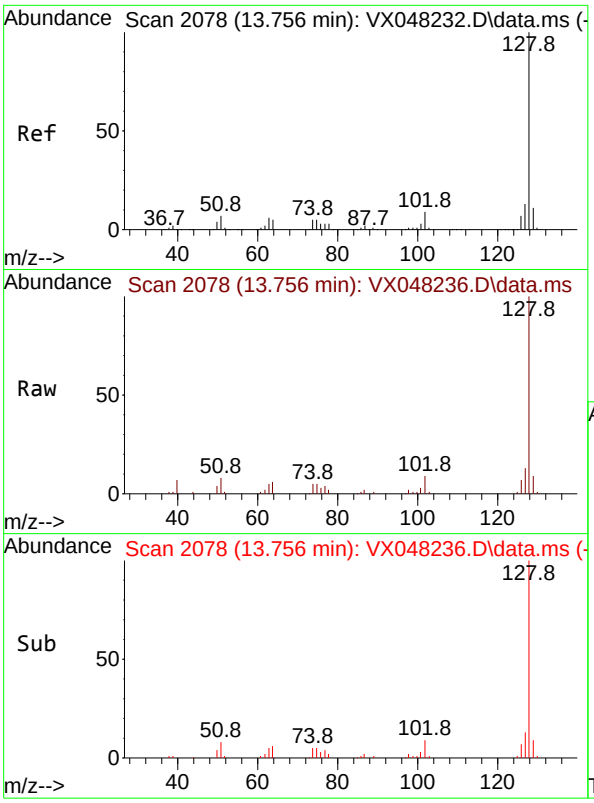



#94
Hexachlorobutadiene
Concen: 4.948 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:225 Resp: 5113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 32.6 | 97.7 |
| 227 | 62.0 | 32.5 | 97.4 |

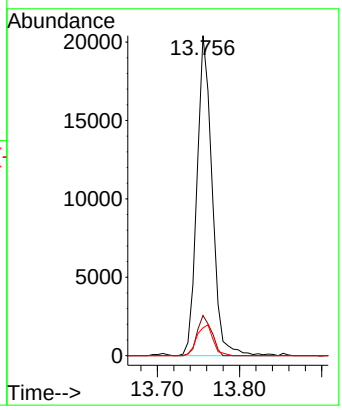





#95
Naphthalene
Concen: 4.374 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:128 Resp: 2621

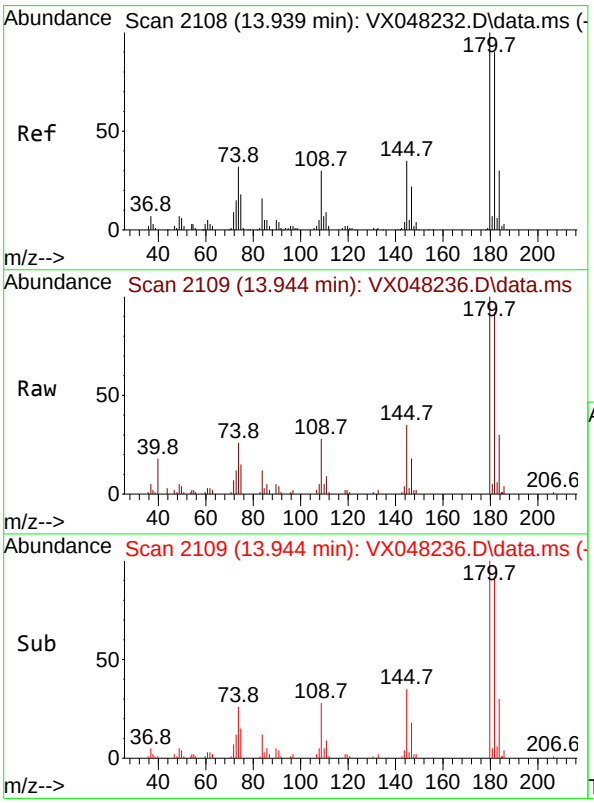
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.0 | 10.2 | 15.4 |
| 129 | 10.2 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

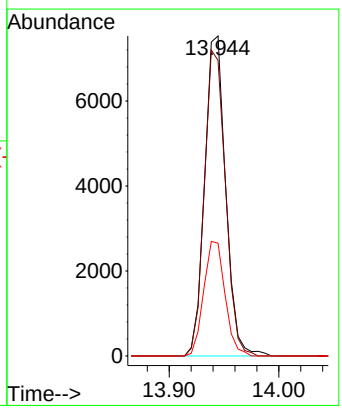
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025




#96
1,2,3-Trichlorobenzene
Concen: 4.906 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:180 Resp: 10040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 46.6 | 139.7 |
| 145 | 36.3 | 16.9 | 50.7 |



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 144715 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.739 | 114 | 229650 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 201397 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.000 | 152 | 99108 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 92700 | 45.687 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 91.380% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 76746 | 48.951 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 97.900% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 265898 | 48.386 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 96.780% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 97828 | 46.795 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 93.580% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 76365 | 51.331 | ug/l | 99 |
| 3) Chloromethane | 1.301 | 50 | 74279 | 53.491 | ug/l | 99 |
| 4) Vinyl Chloride | 1.380 | 62 | 71290 | 55.441 | ug/l | 99 |
| 5) Bromomethane | 1.611 | 94 | 47863 | 54.847 | ug/l | 96 |
| 6) Chloroethane | 1.691 | 64 | 42556 | 56.320 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 128754 | 52.209 | ug/l | 97 |
| 8) Diethyl Ether | 2.136 | 74 | 37292 | 53.742 | ug/l | 89 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 83688 | 53.589 | ug/l | 96 |
| 10) Methyl Iodide | 2.453 | 142 | 94222 | 47.994 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.934 | 59 | 45064 | 223.693 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.319 | 96 | 79070 | 52.043 | ug/l | 92 |
| 13) Acrolein | 2.233 | 56 | 51257 | 249.473 | ug/l | 98 |
| 14) Allyl chloride | 2.660 | 41 | 128896 | 51.099 | ug/l | 97 |
| 15) Acrylonitrile | 3.050 | 53 | 182260 | 250.900 | ug/l | 100 |
| 16) Acetone | 2.373 | 43 | 152988 | 219.789 | ug/l | 96 |
| 17) Carbon Disulfide | 2.514 | 76 | 233630 | 48.792 | ug/l | 99 |
| 18) Methyl Acetate | 2.697 | 43 | 71506 | 49.190 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 254812 | 49.162 | ug/l | 98 |
| 20) Methylene Chloride | 2.782 | 84 | 86610 | 51.066 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 85000 | 50.932 | ug/l | 96 |
| 22) Diisopropyl ether | 3.745 | 45 | 259934 | 51.665 | ug/l | 99 |
| 23) Vinyl Acetate | 3.709 | 43 | 1045584 | 260.168 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.599 | 63 | 150557 | 49.490 | ug/l | 99 |
| 25) 2-Butanone | 4.532 | 43 | 209999 | 238.354 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.458 | 77 | 132433 | 48.230 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.471 | 96 | 98066 | 50.350 | ug/l | 96 |
| 28) Bromochloromethane | 4.879 | 49 | 58764 | 46.587 | ug/l | 87 |
| 29) Tetrahydrofuran | 4.977 | 42 | 127995 | 242.572 | ug/l | 95 |
| 30) Chloroform | 5.074 | 83 | 157397 | 48.427 | ug/l | 99 |
| 31) Cyclohexane | 5.458 | 56 | 132594 | 52.646 | ug/l | 92 |
| 32) 1,1,1-Trichloroethane | 5.361 | 97 | 144706 | 48.309 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.672 | 75 | 109957 | 49.344 | ug/l | 100 |
| 37) Ethyl Acetate | 4.690 | 43 | 88074 | 47.684 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.659 | 117 | 132590 | 48.228 | ug/l | 99 |
| 39) Methylcyclohexane | 7.360 | 83 | 138611 | 52.670 | ug/l | 94 |
| 40) Benzene | 6.019 | 78 | 325041 | 50.241 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.891 | 41 | 48846 | 50.358 | ug/l | | 95 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 116893 | 48.963 | ug/l | | 98 |
| 43) Isopropyl Acetate | 6.318 | 43 | 151140 | 49.816 | ug/l | | 95 |
| 44) Trichloroethene | 7.104 | 130 | 86410 | 50.582 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 7.409 | 63 | 78439 | 50.994 | ug/l | | 98 |
| 46) Dibromomethane | 7.562 | 93 | 58616 | 48.913 | ug/l | | 94 |
| 47) Bromodichloromethane | 7.799 | 83 | 125388 | 48.459 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.671 | 41 | 75812 | 49.519 | ug/l | | 94 |
| 49) 1,4-Dioxane | 7.635 | 88 | 20230 | 1000.197 | ug/l | | 90 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 428393 | 244.897 | ug/l | | 95 |
| 52) Toluene | 8.702 | 92 | 205867 | 50.088 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.958 | 75 | 124683 | 50.004 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 134360 | 49.944 | ug/l | | 93 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 75808 | 49.597 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.098 | 69 | 111702 | 49.964 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.287 | 76 | 128519 | 49.226 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.220 | 63 | 290992 | 242.124 | ug/l | | 96 |
| 59) 2-Hexanone | 9.409 | 43 | 300183 | 246.102 | ug/l | | 96 |
| 60) Dibromochloromethane | 9.500 | 129 | 97643 | 47.530 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 80363 | 49.319 | ug/l | | 97 |
| 64) Tetrachloroethene | 9.256 | 164 | 73198 | 48.686 | ug/l | | 95 |
| 65) Chlorobenzene | 10.061 | 112 | 226953 | 50.095 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.140 | 131 | 81561 | 49.014 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 391830 | 50.798 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.281 | 106 | 293516 | 102.416 | ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 139515 | 50.424 | ug/l | | 99 |
| 70) Styrene | 10.634 | 104 | 243341 | 51.651 | ug/l | | 100 |
| 71) Bromoform | 10.781 | 173 | 64170 | 48.250 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 373948 | 51.658 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 131979 | 51.399 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 98715 | 49.936 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 81093m | 50.456 | ug/l | | |
| 77) Bromobenzene | 11.177 | 156 | 91000 | 50.135 | ug/l | | 94 |
| 78) n-propylbenzene | 11.287 | 91 | 435662 | 51.980 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.341 | 91 | 257936 | 50.760 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 305027 | 50.918 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 33027 | 49.995 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 304670 | 50.507 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 309524 | 50.288 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 308529 | 51.607 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.872 | 105 | 379368 | 51.230 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 324425 | 50.686 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 165027 | 48.229 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 168102 | 47.423 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 289706 | 49.728 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 61223 | 48.437 | ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 157812 | 49.123 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 19691 | 49.072 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 101983 | 46.941 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 39299 | 48.274 | ug/l | | 99 |
| 95) Naphthalene | 13.756 | 128 | 289882 | 50.362 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.938 | 180 | 96139 | 48.223 | ug/l | | 97 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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Reviewed By :John Carlone 10/21/2025
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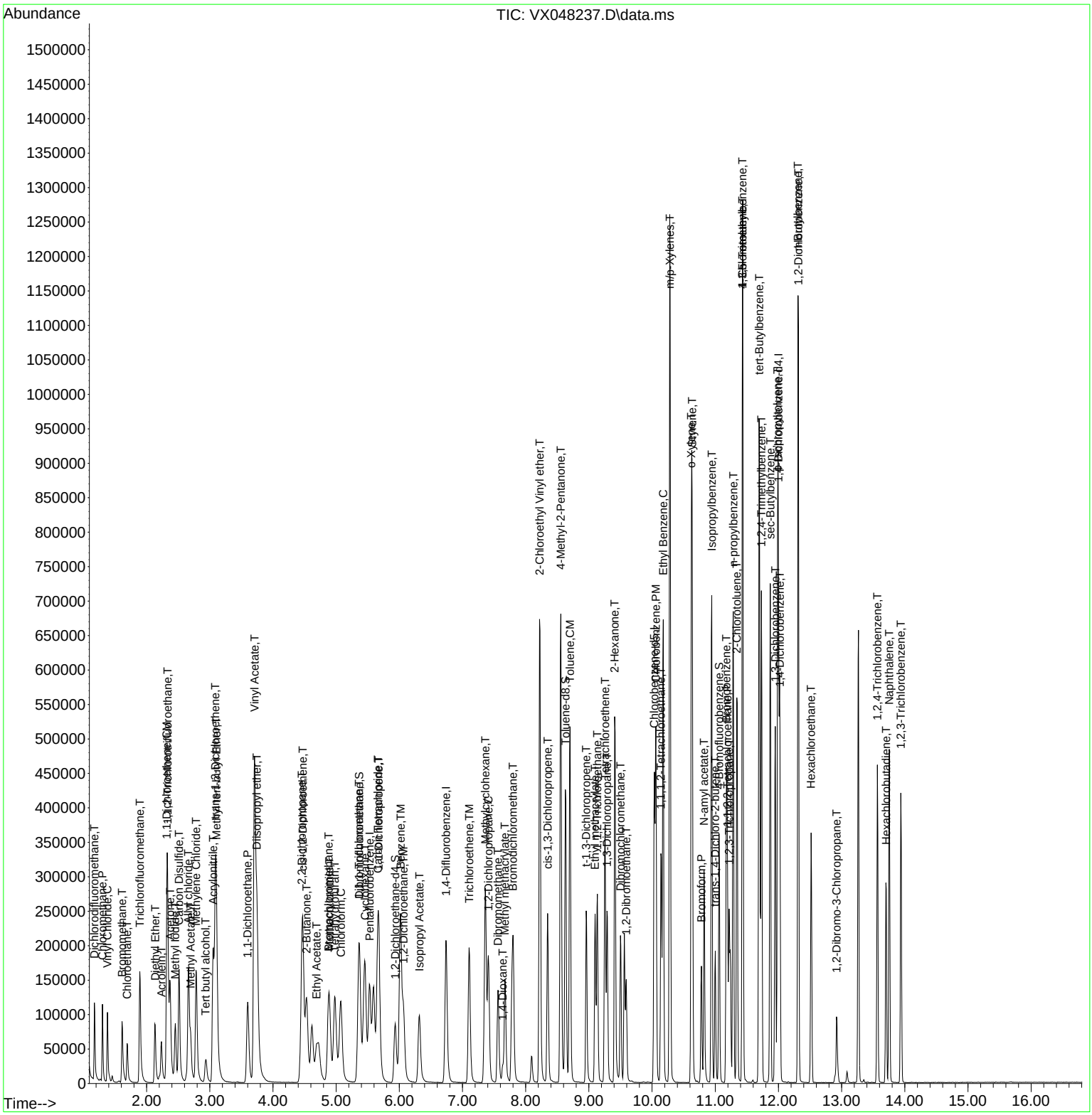
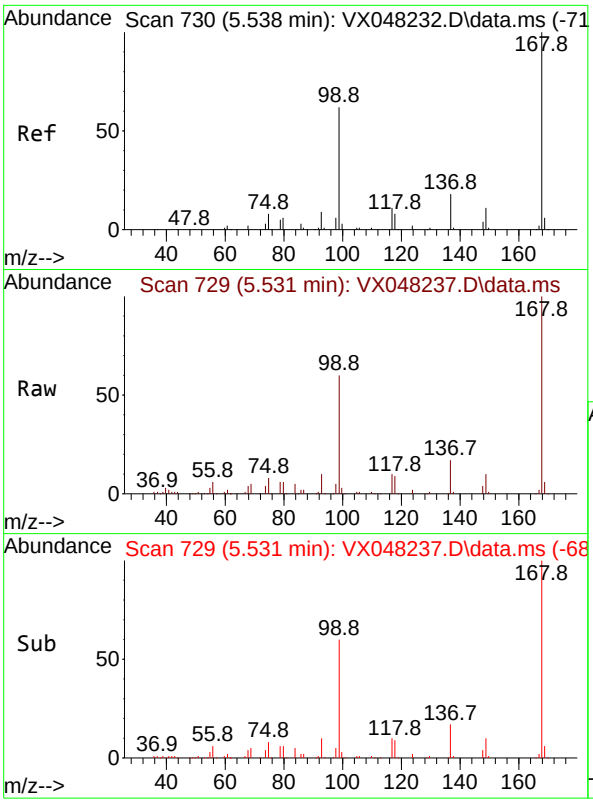
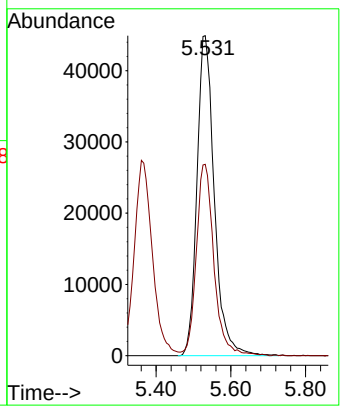





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:168 Resp: 14471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.7 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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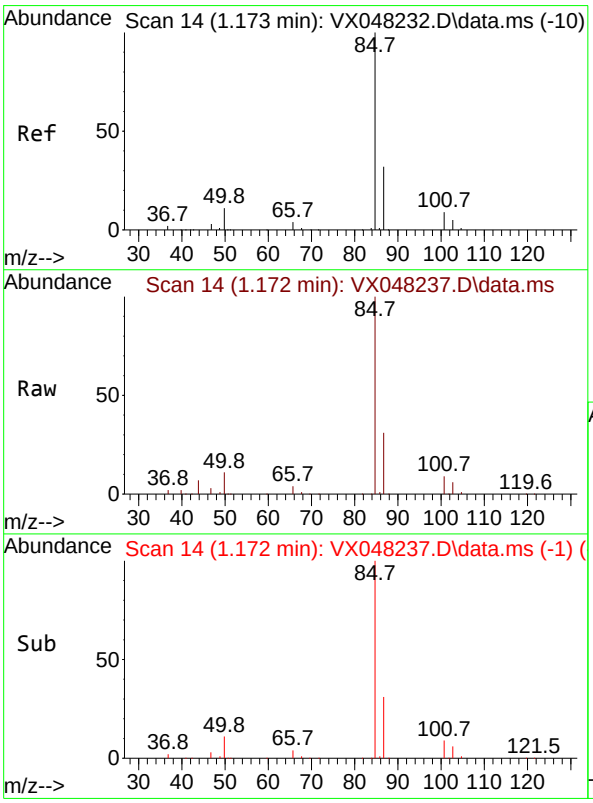
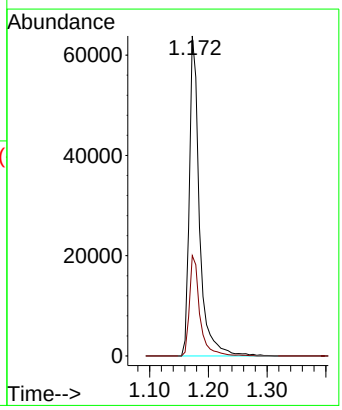
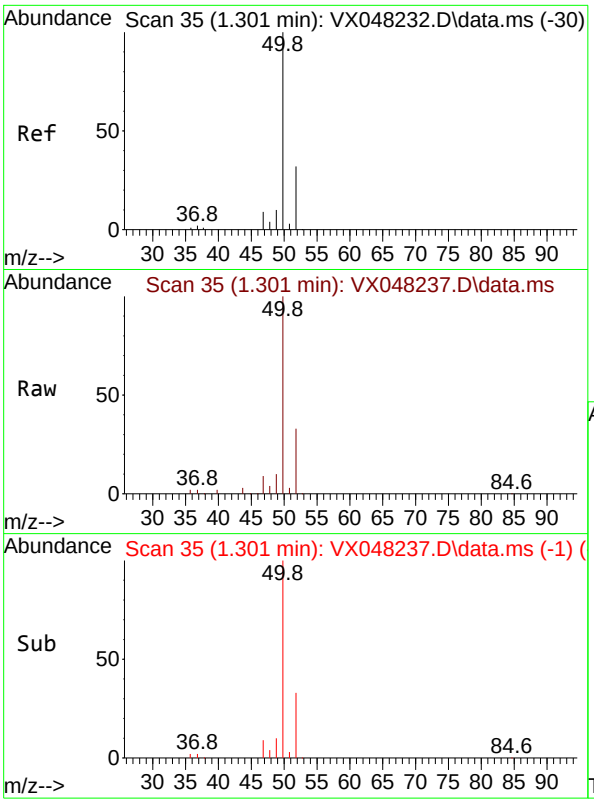



#2
Dichlorodifluoromethane
Concen: 51.331 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 85 Resp: 76365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.4 | 15.3 | 45.9 |

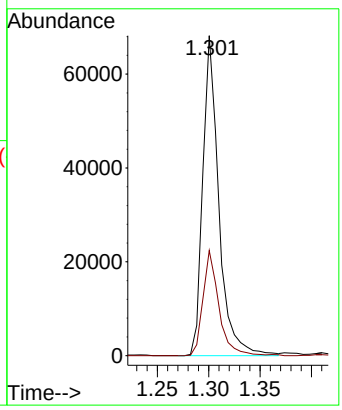





#3
Chloromethane
Concen: 53.491 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 50 Resp: 7427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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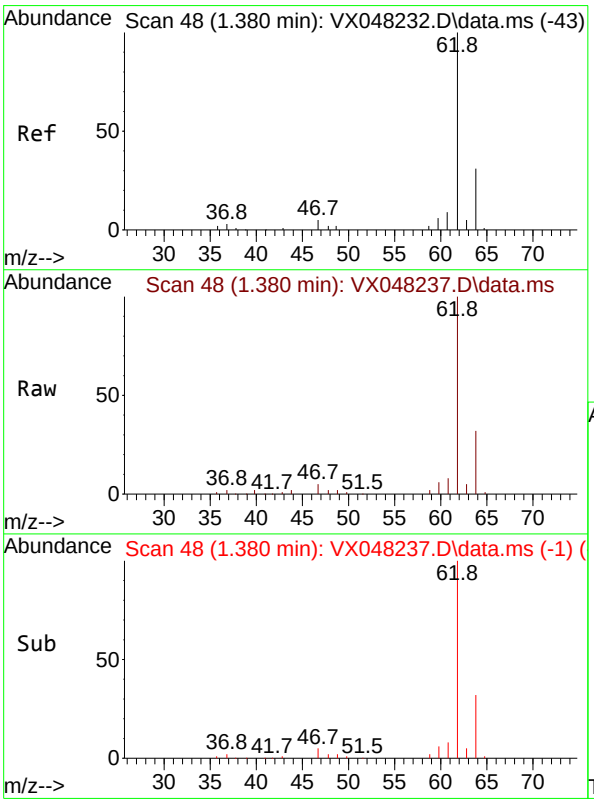
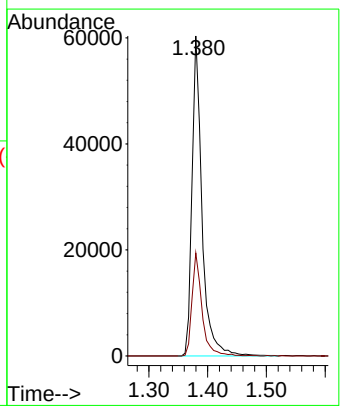
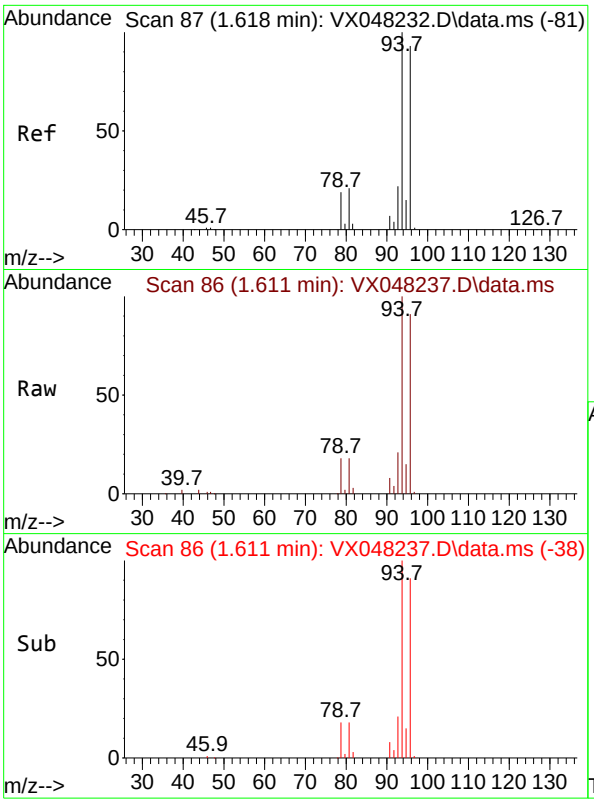



#4
Vinyl Chloride
Concen: 55.441 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 71290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.2 | 25.1 | 37.7 |

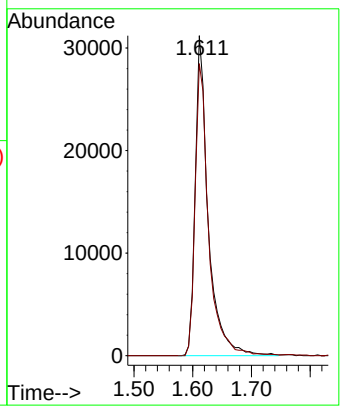





#5
Bromomethane
Concen: 54.847 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 94 Resp: 4786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.2 | 76.0 | 114.0 |




**Instrument :**
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ICVVX102025

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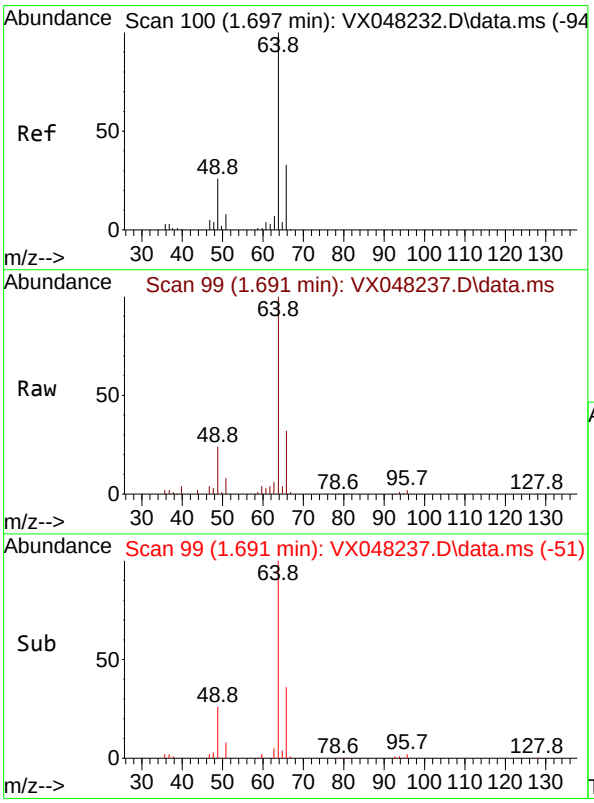
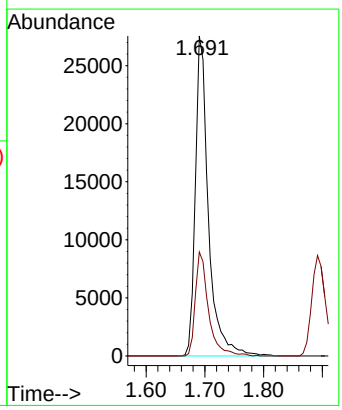
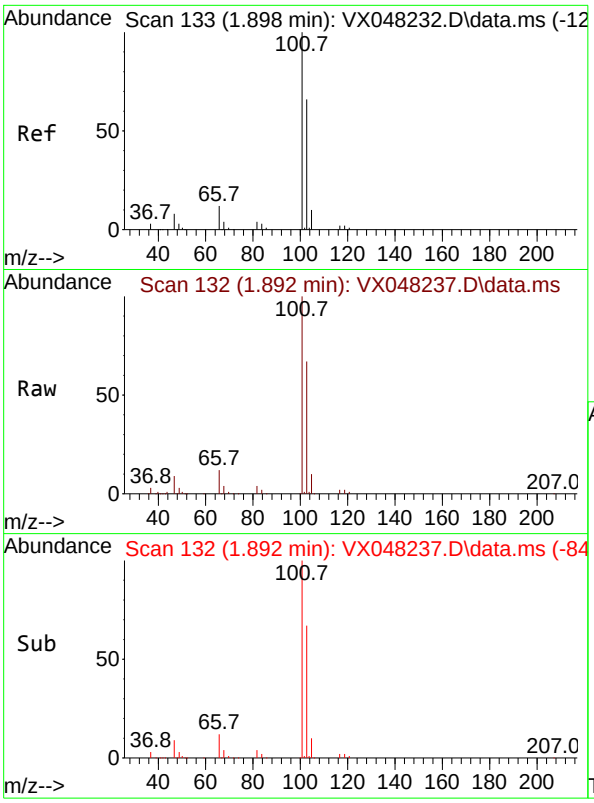



#6
Chloroethane
Concen: 56.320 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 64 Resp: 42556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.5 | 23.9 | 35.9 |

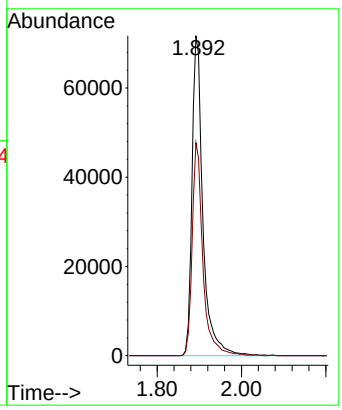





#7
Trichlorofluoromethane
Concen: 52.209 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:101 Resp: 12875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.5 | 51.6 | 77.4 |




**Instrument :**
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ICVVX102025

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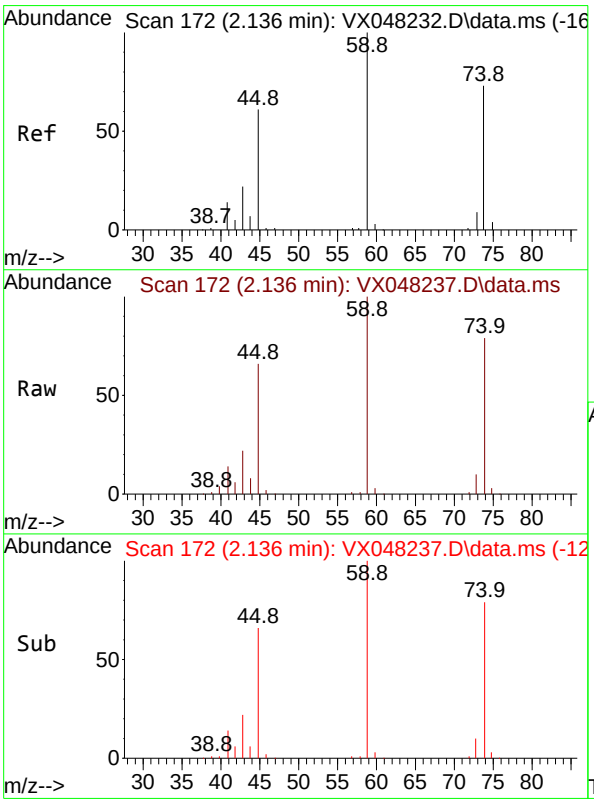
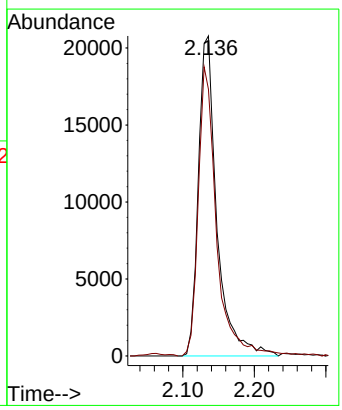
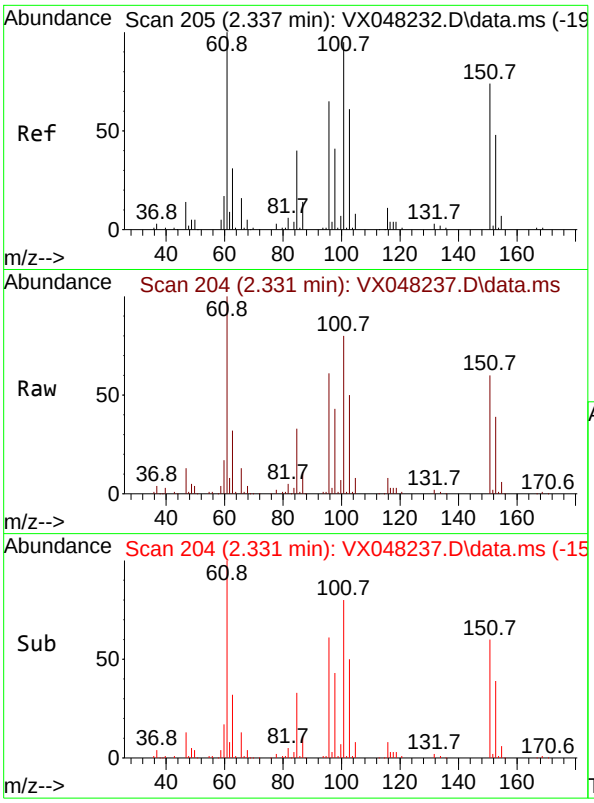



#8
Diethyl Ether
Concen: 53.742 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 74 Resp: 37292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 89.3 | 50.0 | 149.8 |

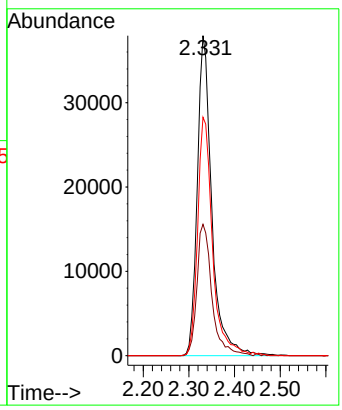





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.589 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:101 Resp: 8368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.4 | 35.6 | 53.4 |
| 151 | 76.9 | 58.0 | 87.0 |

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ICVVX102025

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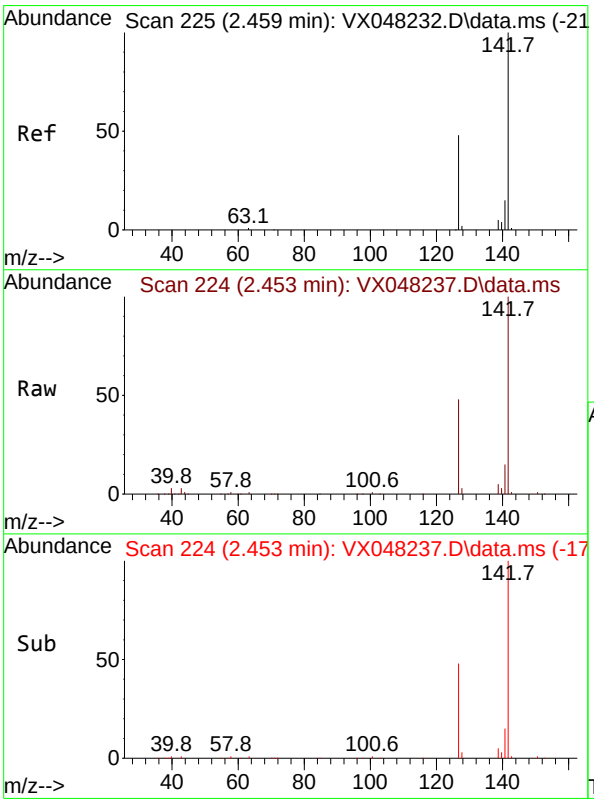
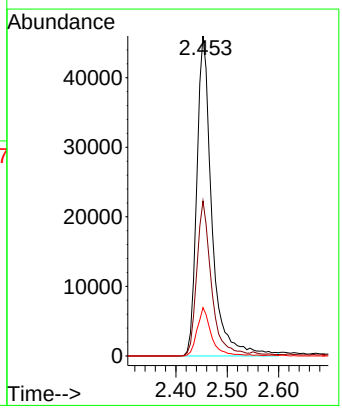
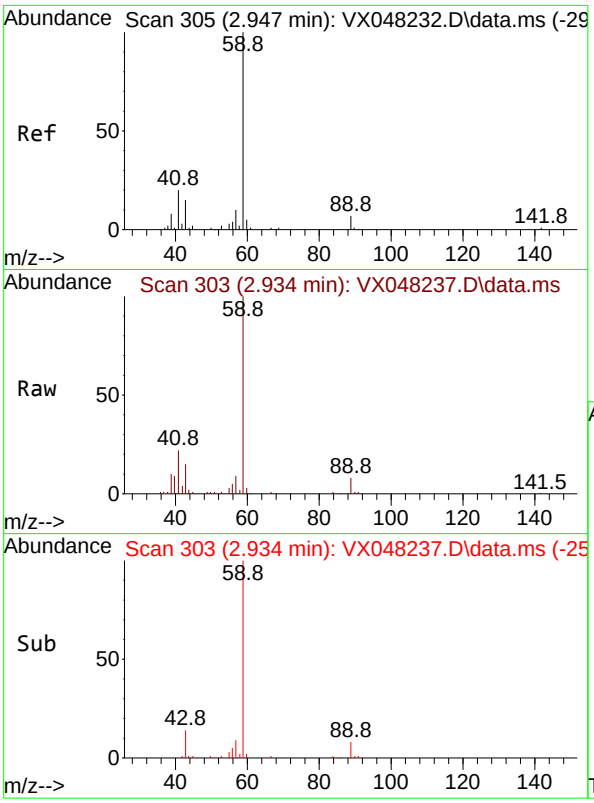



#10
Methyl Iodide
Concen: 47.994 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:142 Resp: 94222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 46.9 | 38.5 | 57.7 |
| 141 | 14.3 | 11.6 | 17.4 |

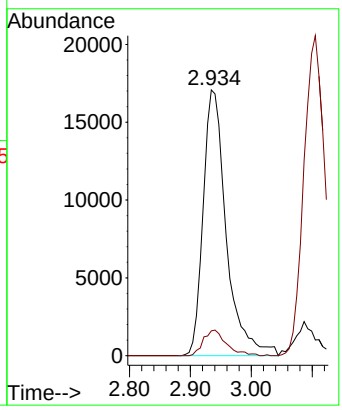





#11
Tert butyl alcohol
Concen: 223.693 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 59 Resp: 4506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.6 | 8.2 | 12.4 |

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ICVVX102025

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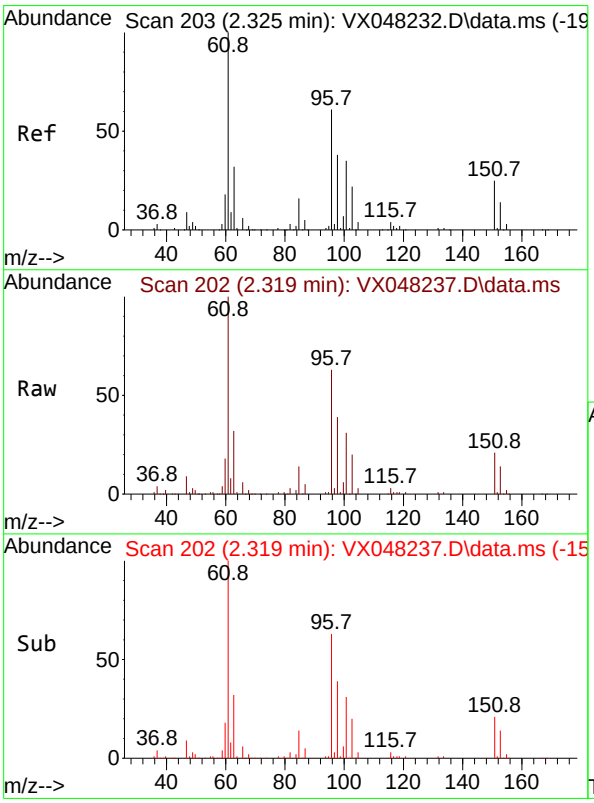
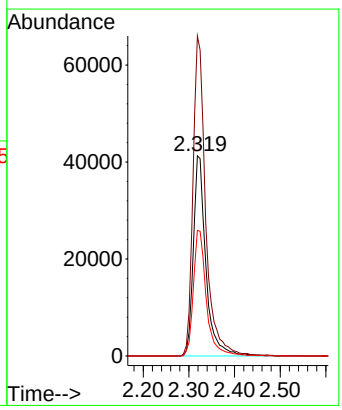
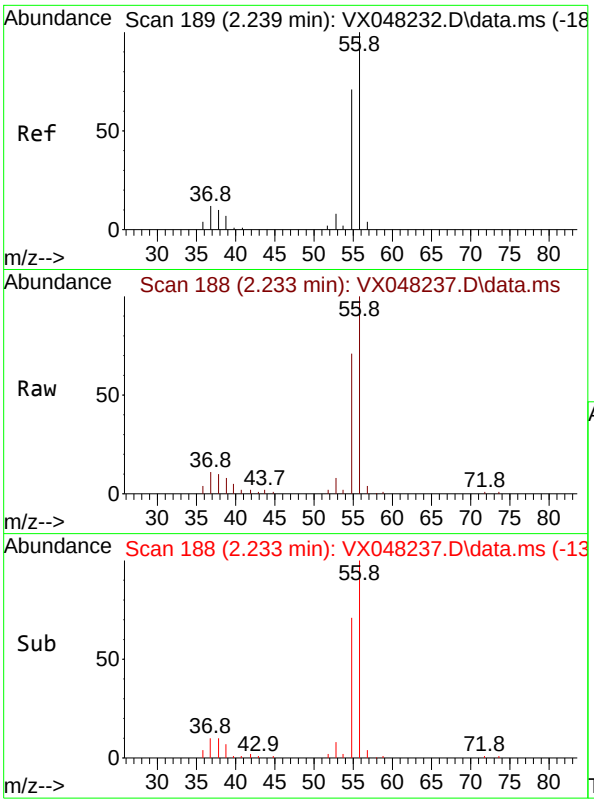



#12
1,1-Dichloroethene
Concen: 52.043 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 96 Resp: 79070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 159.8 | 139.0 | 208.6 |
| 98 | 62.7 | 52.4 | 78.6 |

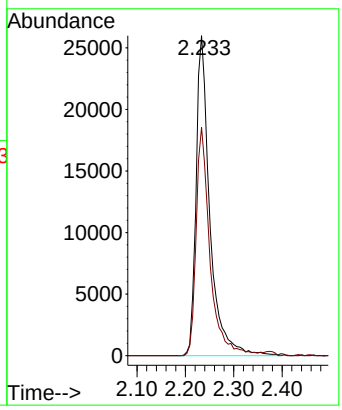





#13
Acrolein
Concen: 249.473 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 56 Resp: 5125

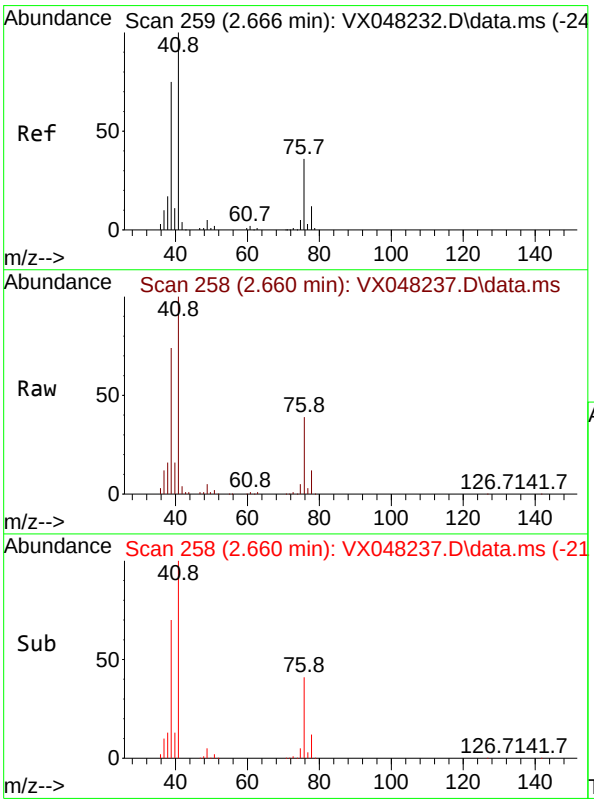
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.7 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

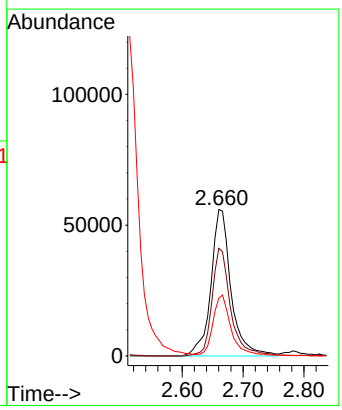
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

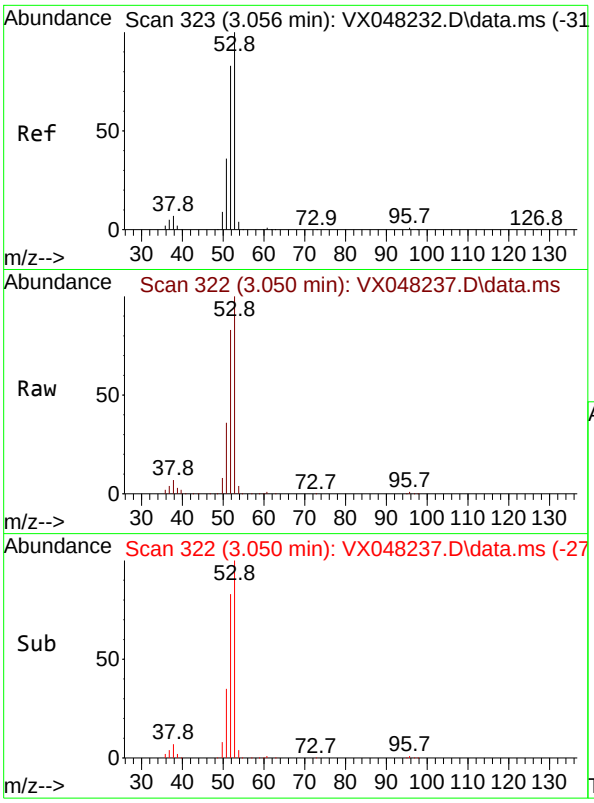



#14
Allyl chloride
Concen: 51.099 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 128896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 68.0 | 56.0 | 84.0 |
| 76 | 37.0 | 27.5 | 41.3 |

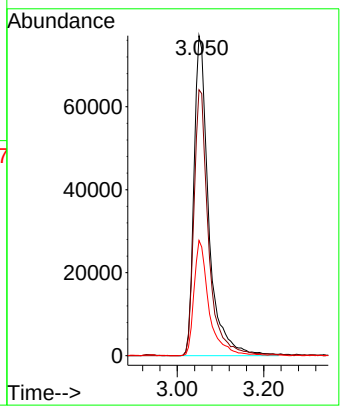





#15
Acrylonitrile
Concen: 250.900 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 53 Resp: 18226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.6 | 66.1 | 99.1 |
| 51 | 36.8 | 29.0 | 43.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations**
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Reviewed By :John Carlone 10/21/2025
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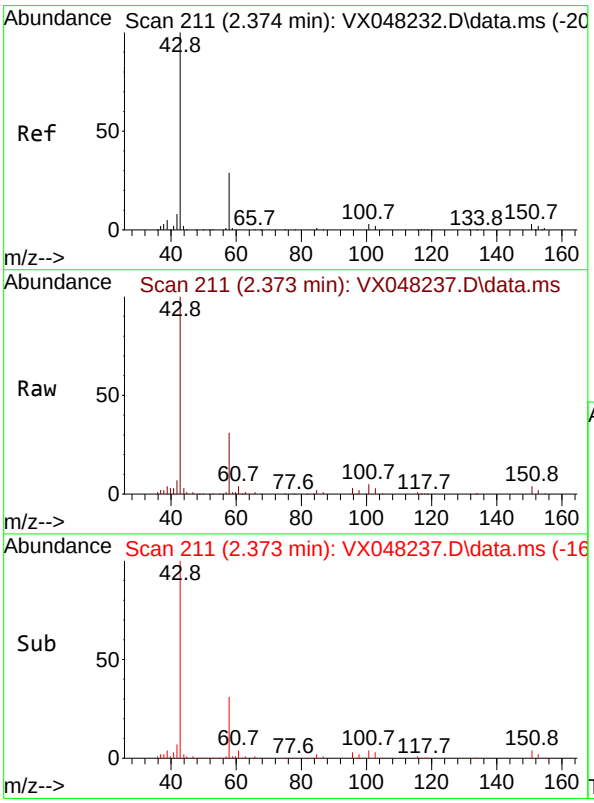
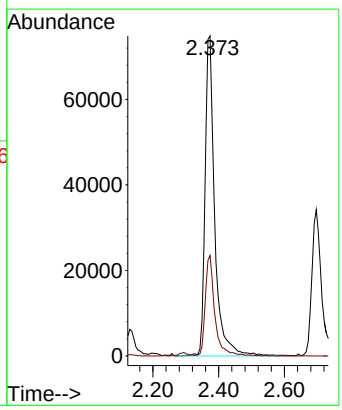
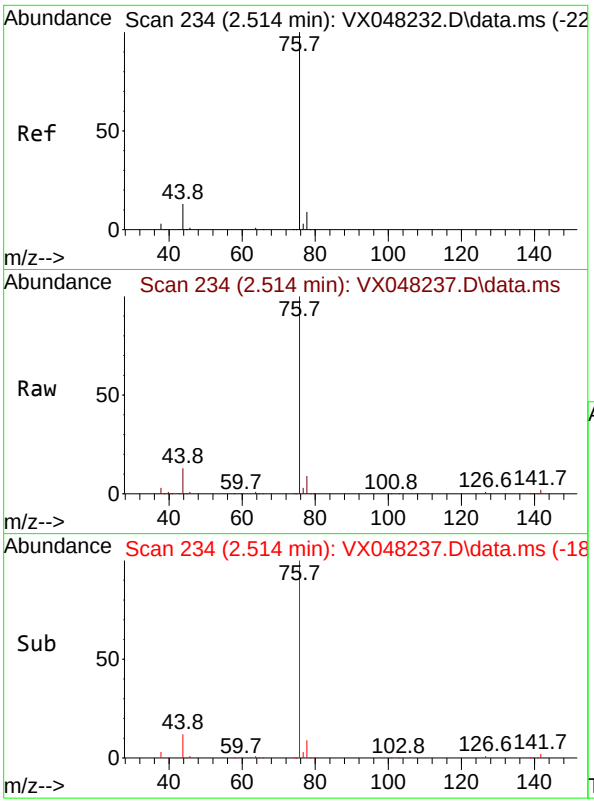



#16
Acetone
Concen: 219.789 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 152988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.4 | 23.4 | 35.2 |

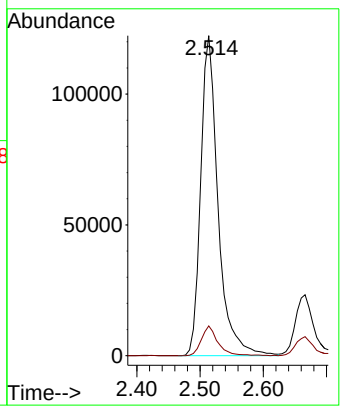





#17
Carbon Disulfide
Concen: 48.792 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 76 Resp: 23363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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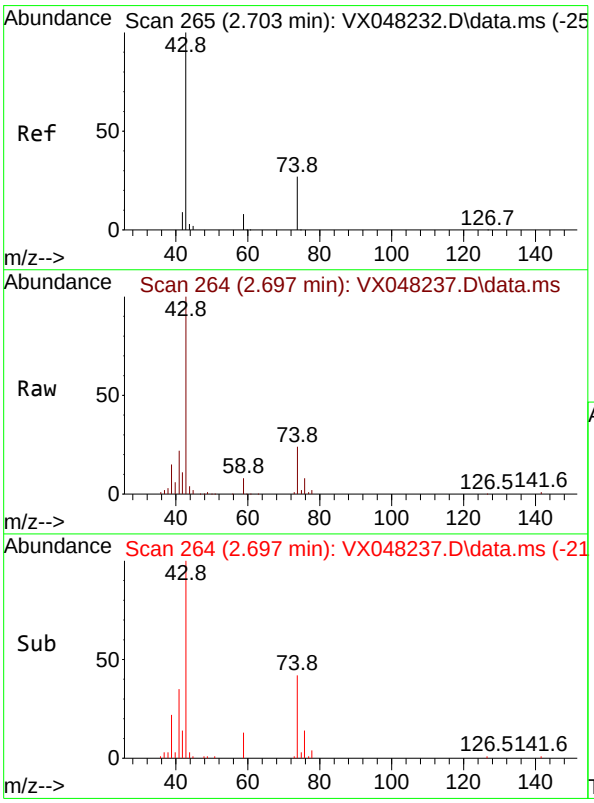
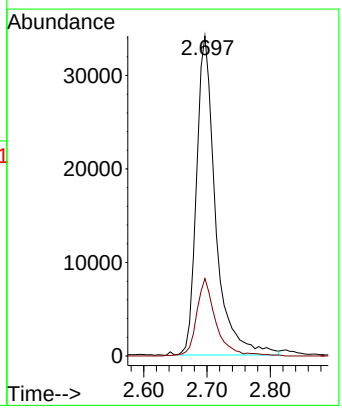
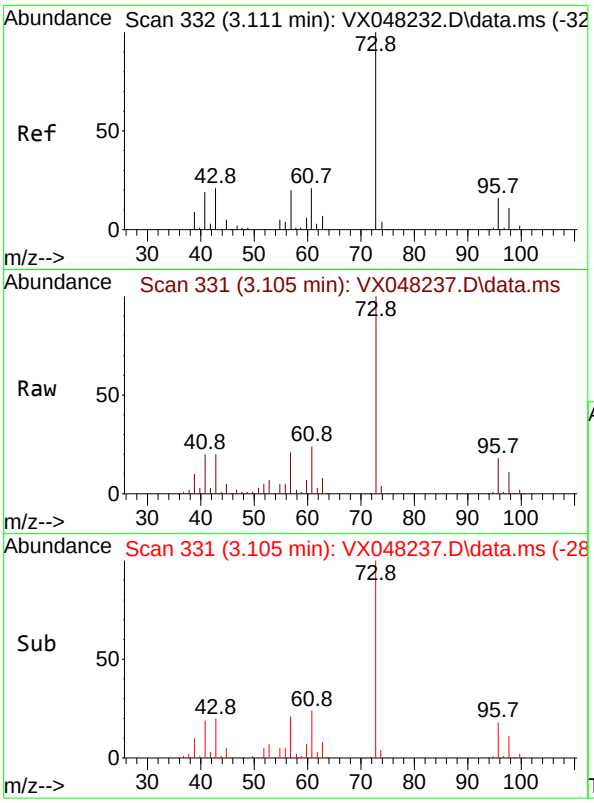



#18
Methyl Acetate
Concen: 49.190 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 71506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.7 | 17.5 | 26.3 |

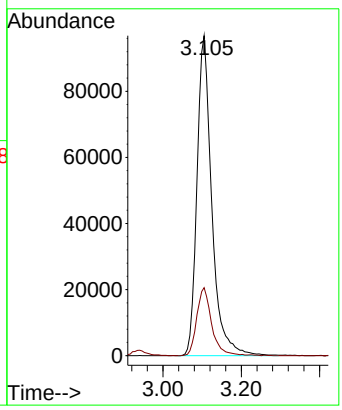





#19
Methyl tert-butyl Ether
Concen: 49.162 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 73 Resp: 25481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.2 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

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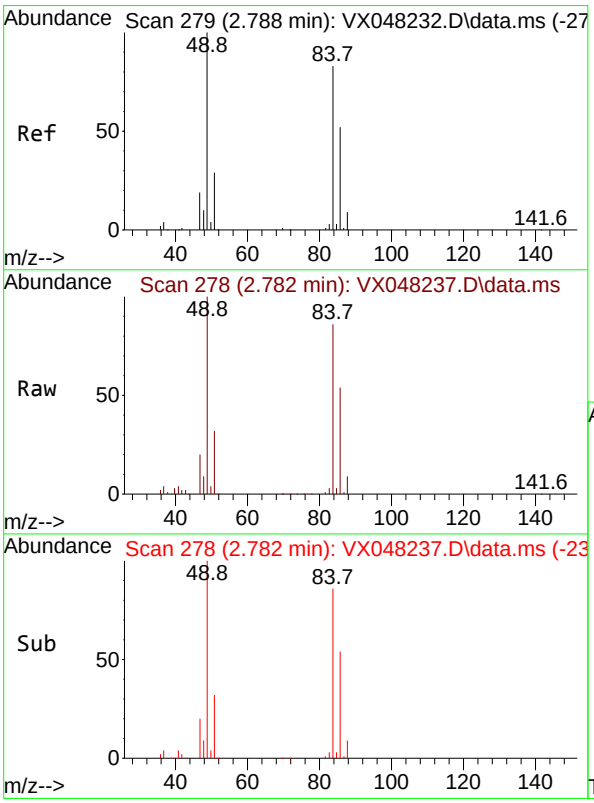
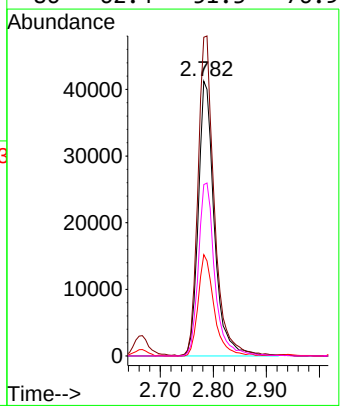
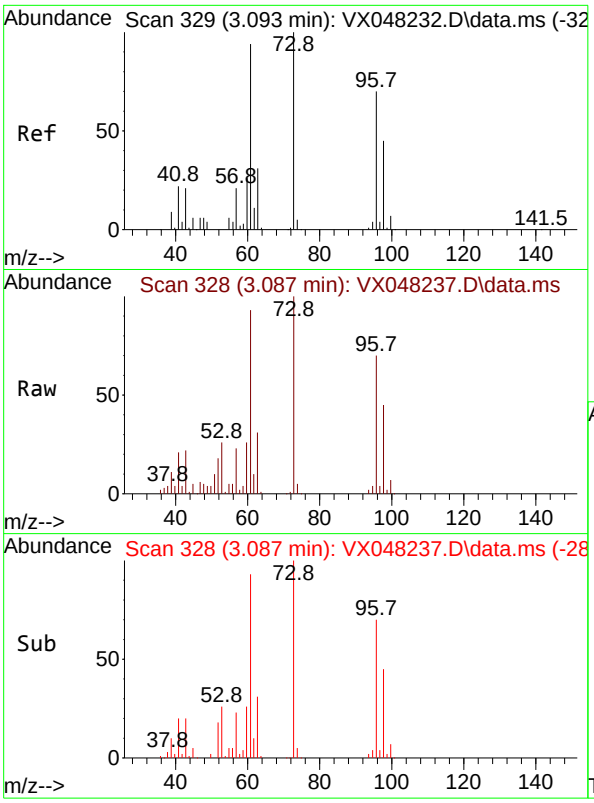



#20
Methylene Chloride
Concen: 51.066 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 84 Resp: 86610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.0 | 104.1 | 156.1 |
| 51 | 36.8 | 31.3 | 46.9 |
| 86 | 62.4 | 51.3 | 76.9 |

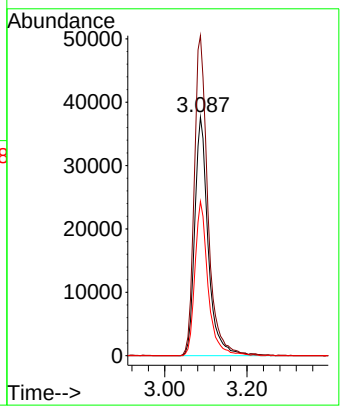





#21
trans-1,2-Dichloroethene
Concen: 50.932 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 96 Resp: 8500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.2 | 111.9 | 167.9 |
| 98 | 64.7 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations**
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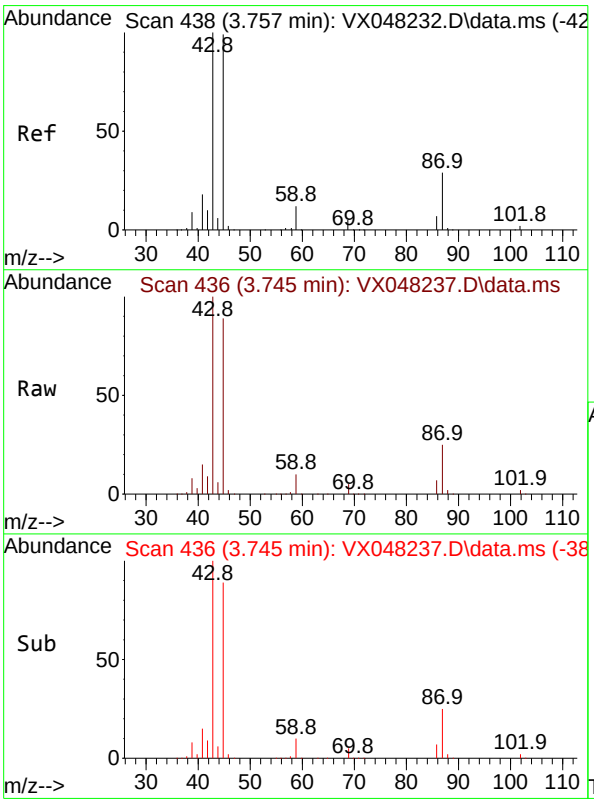
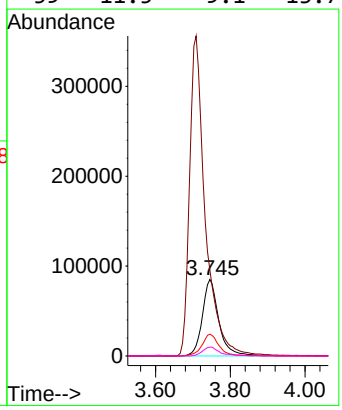
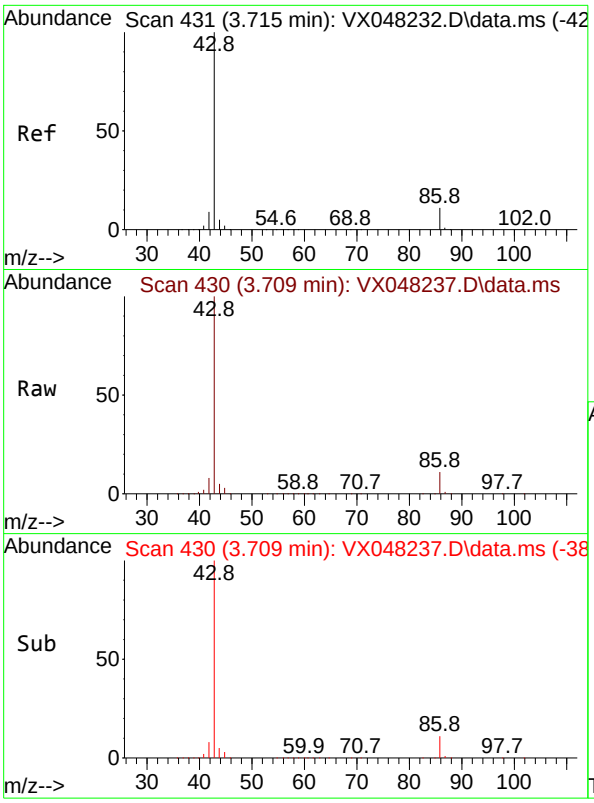



#22
Diisopropyl ether
Concen: 51.665 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 45 Resp: 259934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 111.4 | 89.8 | 134.8 |
| 87 | 28.3 | 20.6 | 31.0 |
| 59 | 11.5 | 9.1 | 13.7 |

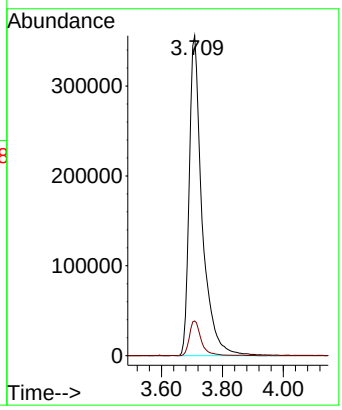





#23
Vinyl Acetate
Concen: 260.168 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 104558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.9 | 7.9 | 11.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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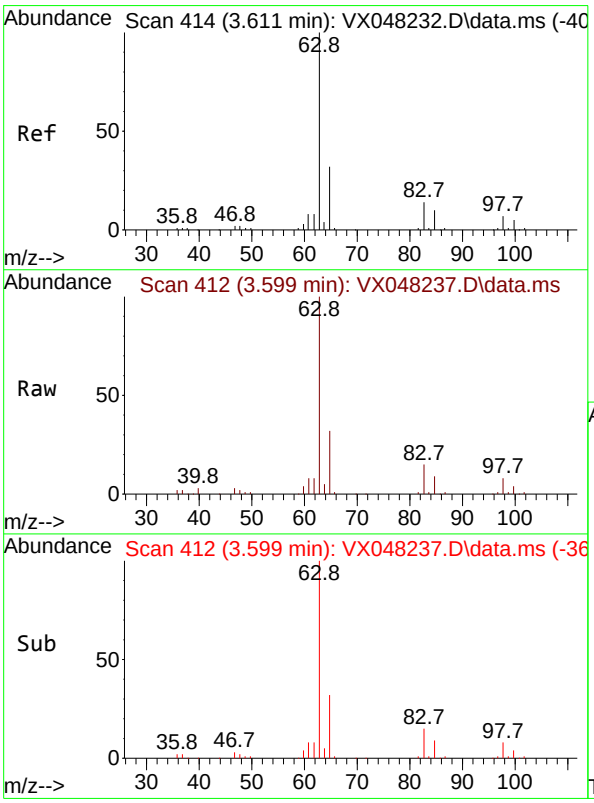
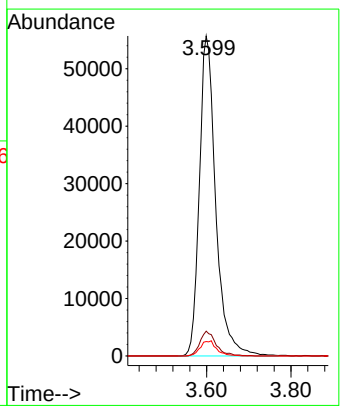
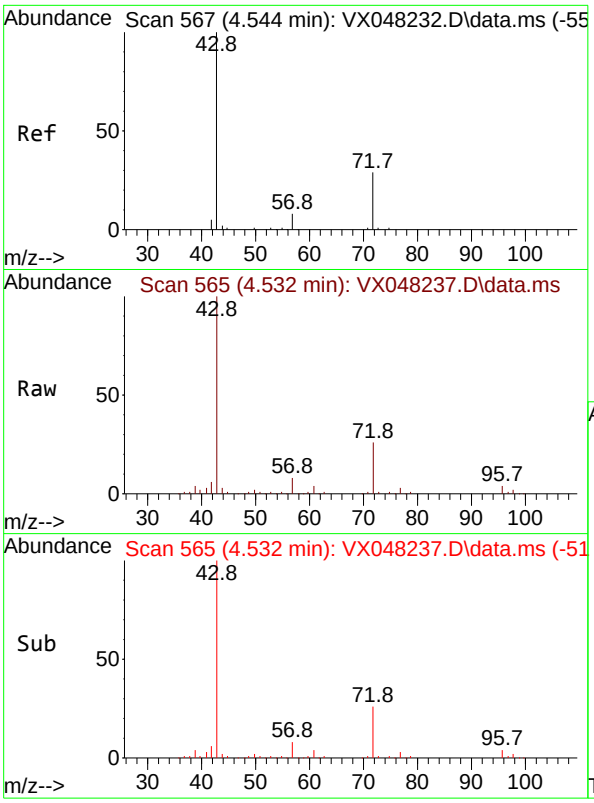



#24
1,1-Dichloroethane
Concen: 49.490 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 150557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.7 | 3.5 | 10.6 |
| 100 | 4.5 | 2.1 | 6.3 |

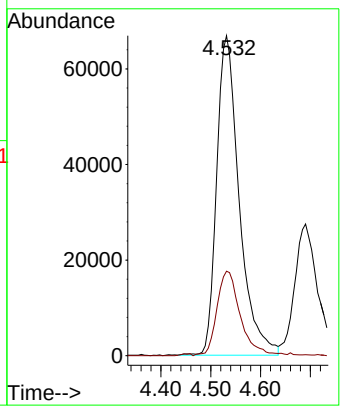





#25
2-Butanone
Concen: 238.354 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 20999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.3 | 19.9 | 29.9 |




**Instrument :**
MSVOA_X
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ICVVX102025

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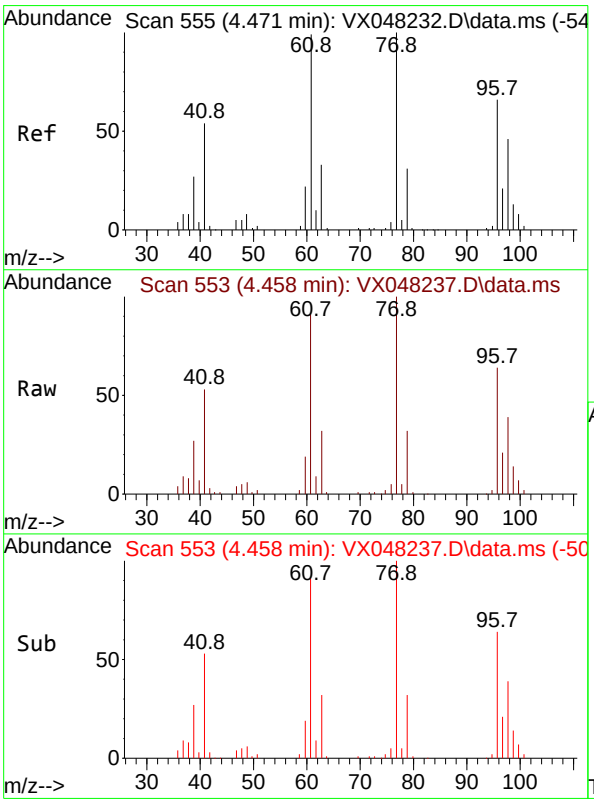
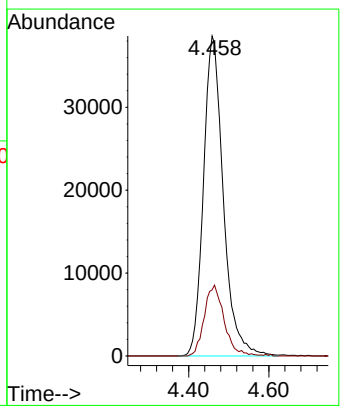
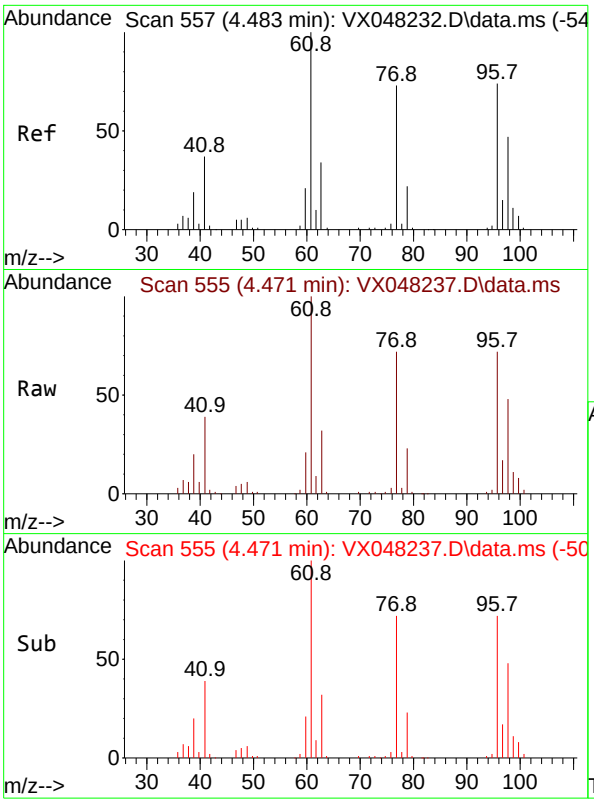



#26
2,2-Dichloropropane
Concen: 48.230 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 77 Resp: 132433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.1 | 11.1 | 33.3 |

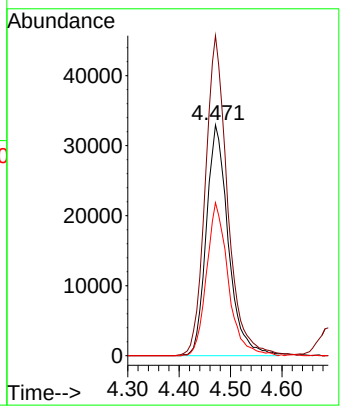





#27
cis-1,2-Dichloroethene
Concen: 50.350 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 96 Resp: 9806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 140.3 | 0.0 | 294.2 |
| 98 | 65.2 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
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ICVVX102025

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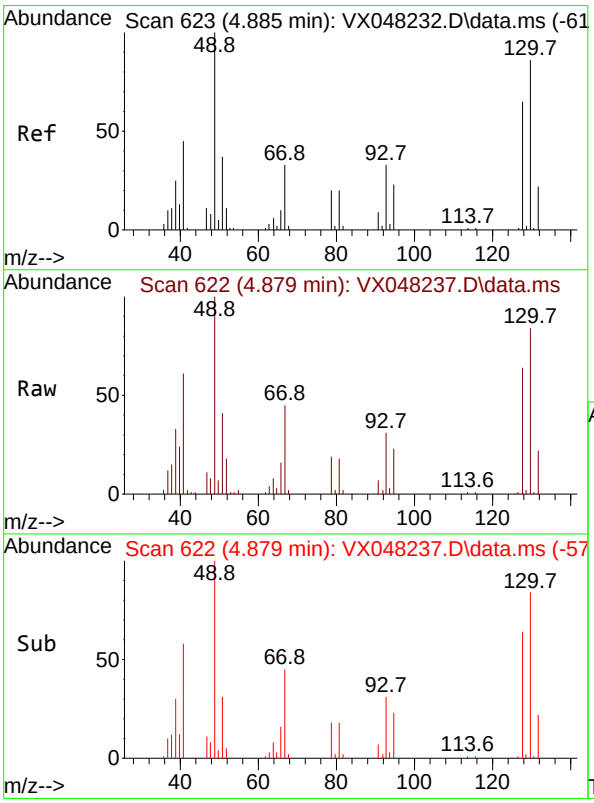
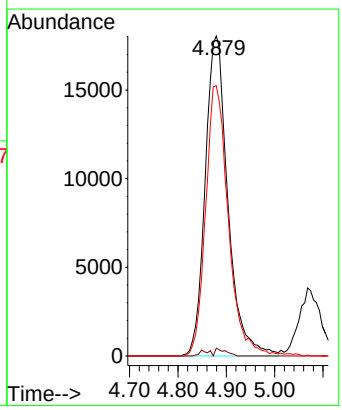
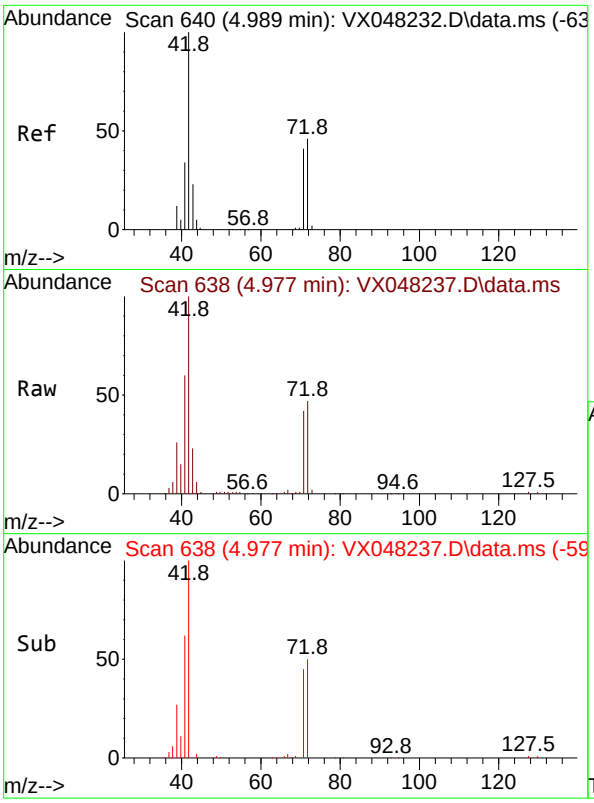



#28
Bromochloromethane
Concen: 46.587 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 49 Resp: 58764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.1 | 0.0 | 4.4 |
| 130 | 85.1 | 59.3 | 88.9 |






#29
Tetrahydrofuran
Concen: 242.572 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 42 Resp: 12799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 47.4 | 35.3 | 52.9 |
| 71 | 43.8 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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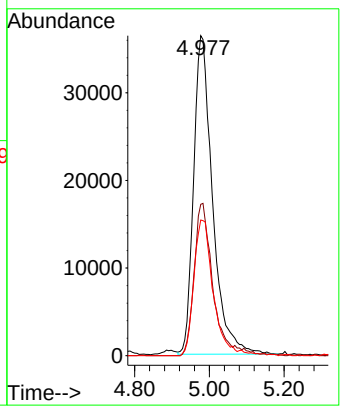
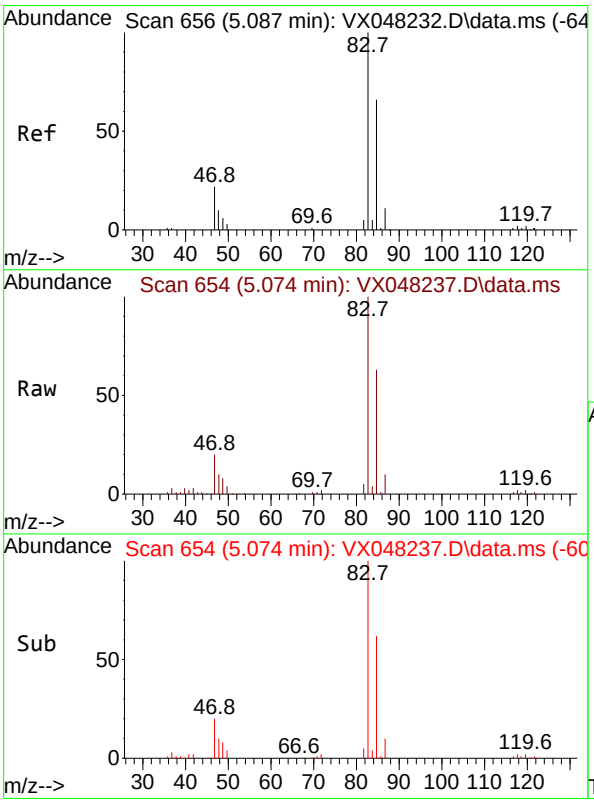
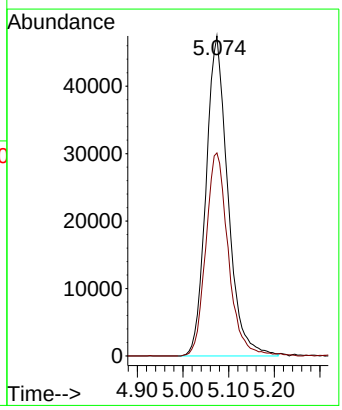


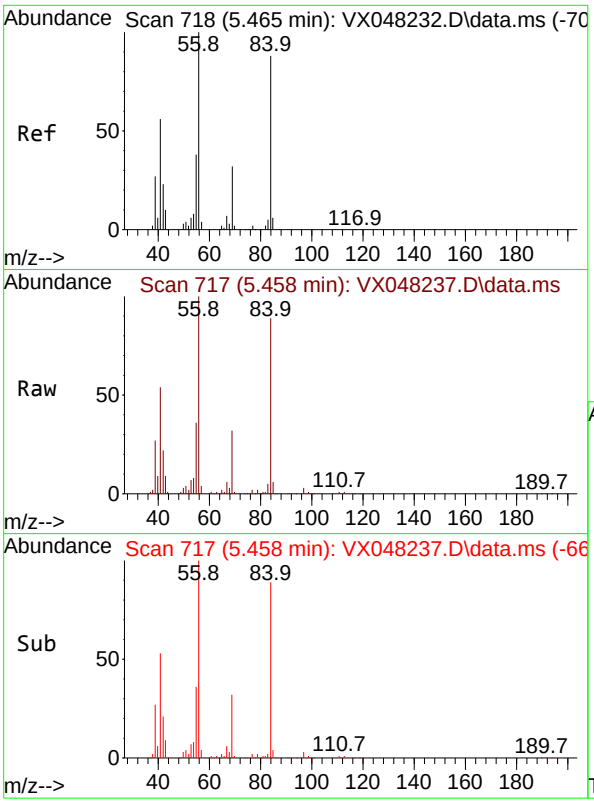




#30
Chloroform
Concen: 48.427 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 157397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.4 | 50.1 | 75.1 |

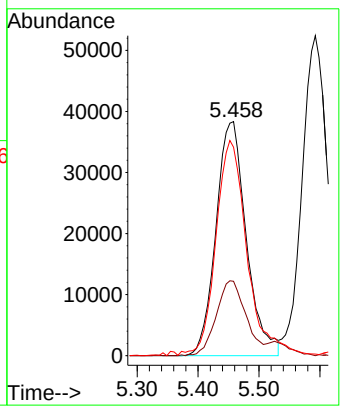





#31
Cyclohexane
Concen: 52.646 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 56 Resp: 13259

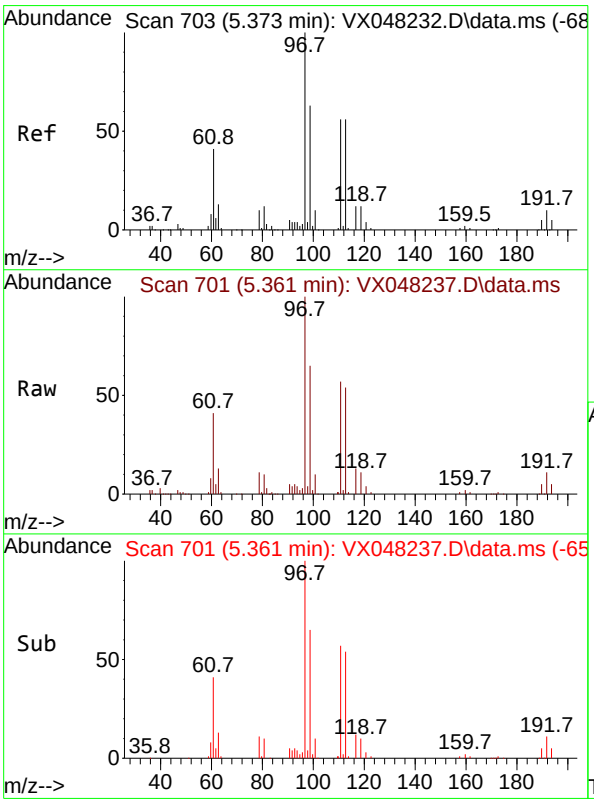
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.8 | 23.0 | 34.6 |
| 84 | 88.9 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

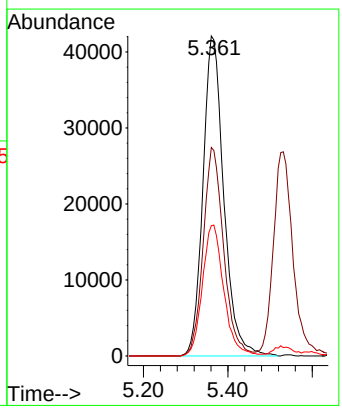
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

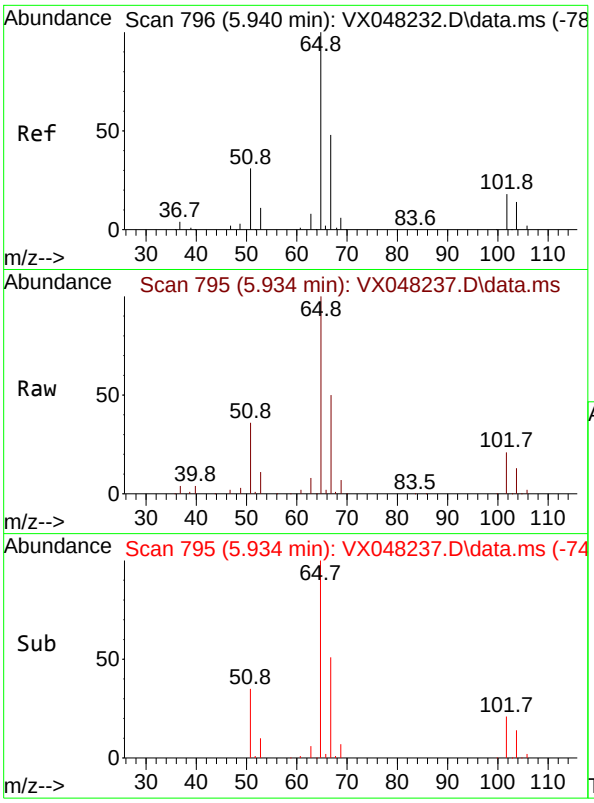



#32
1,1,1-Trichloroethane
Concen: 48.309 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 97 Resp: 144706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.0 | 51.7 | 77.5 |
| 61 | 41.8 | 34.8 | 52.2 |

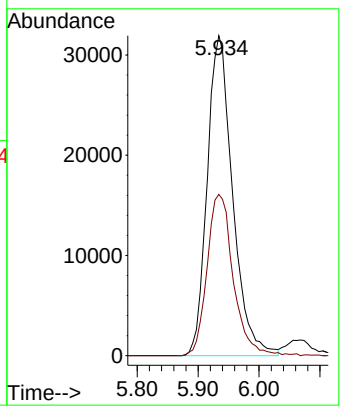





#33
1,2-Dichloroethane-d4
Concen: 45.687 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 65 Resp: 9270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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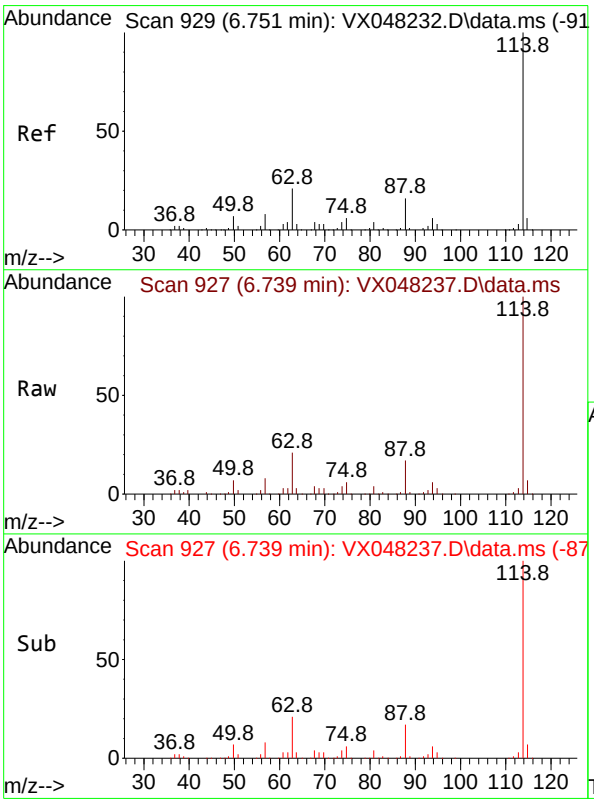
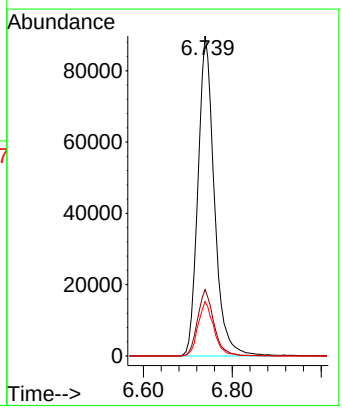
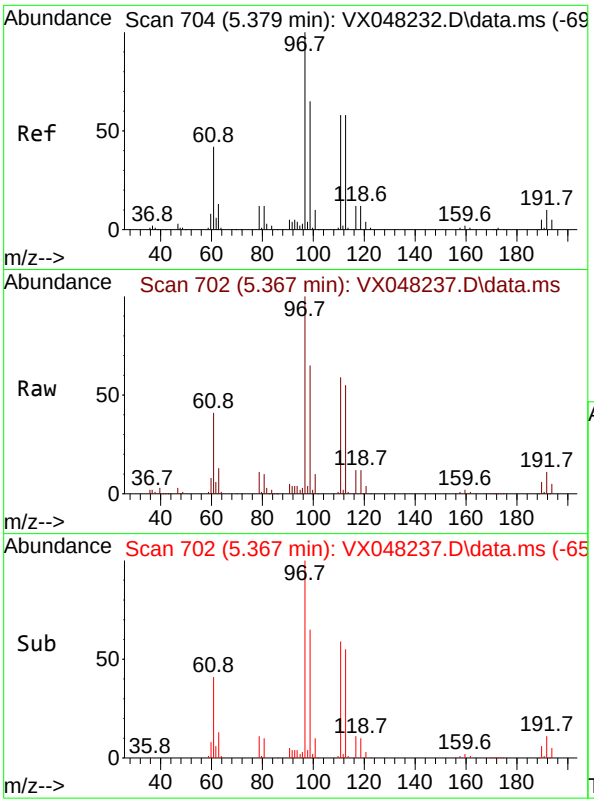



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:114 Resp: 229650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.6 | 0.0 | 43.2 |
| 88 | 17.0 | 0.0 | 33.6 |

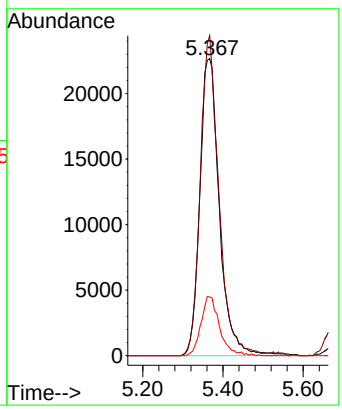





#35
Dibromofluoromethane
Concen: 48.951 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:113 Resp: 7674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.5 | 82.2 | 123.4 |
| 192 | 19.0 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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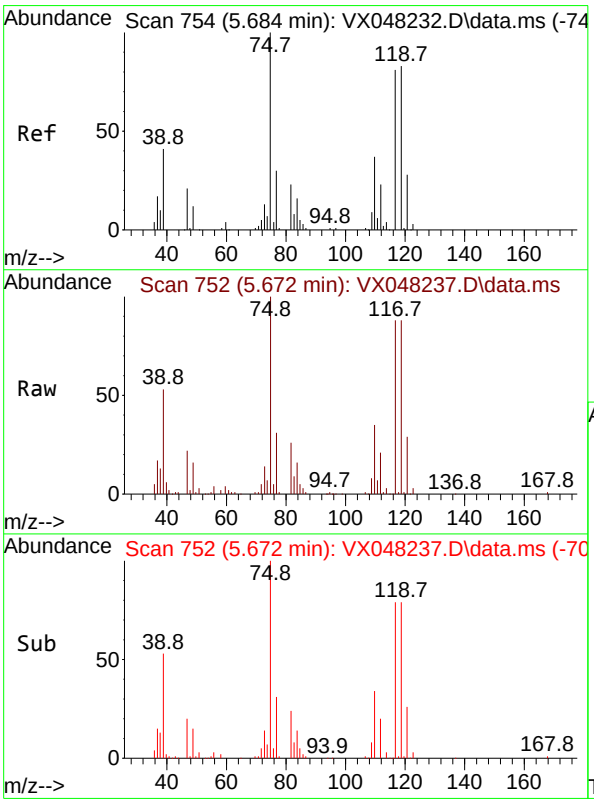
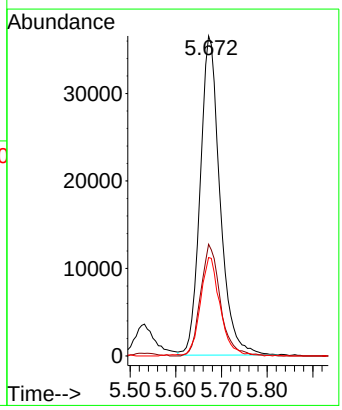
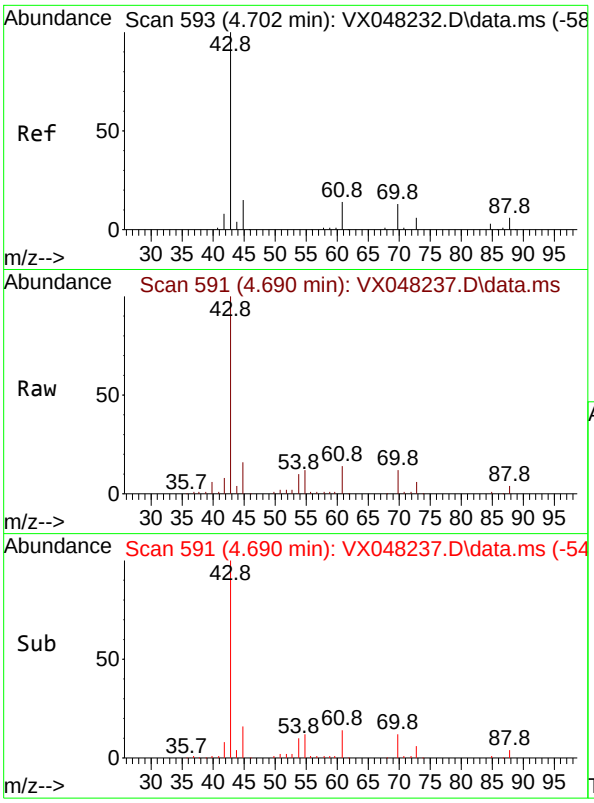



#36
1,1-Dichloropropene
Concen: 49.344 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 109957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.0 | 17.7 | 53.1 |
| 77 | 30.4 | 24.3 | 36.5 |

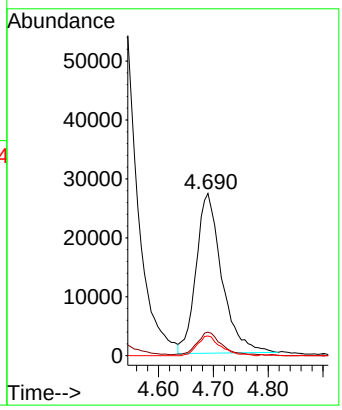





#37
Ethyl Acetate
Concen: 47.684 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 8807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.4 | 10.6 | 15.8 |
| 70 | 11.2 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations**
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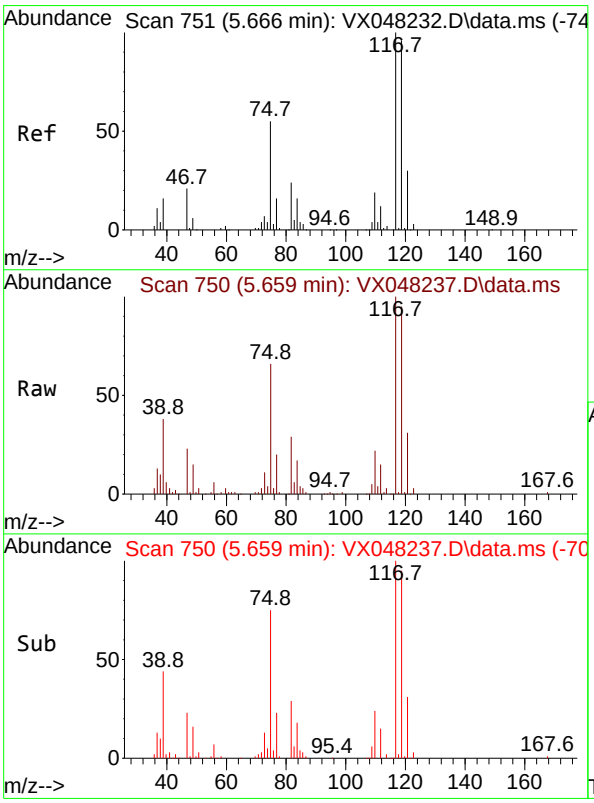
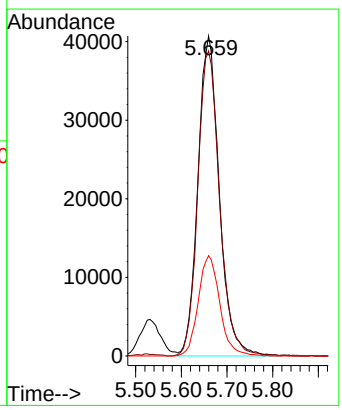
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

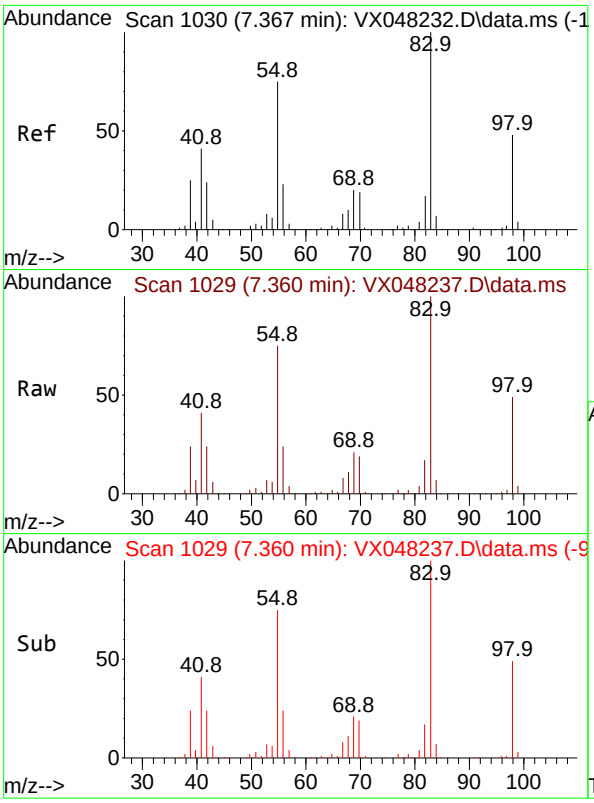



#38
Carbon Tetrachloride
Concen: 48.228 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 132590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.1 | 77.2 | 115.8 |
| 121 | 31.4 | 24.8 | 37.2 |

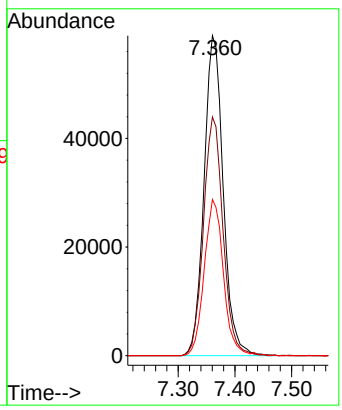





#39
Methylcyclohexane
Concen: 52.670 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 13861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.6 | 66.2 | 99.2 |
| 98 | 48.8 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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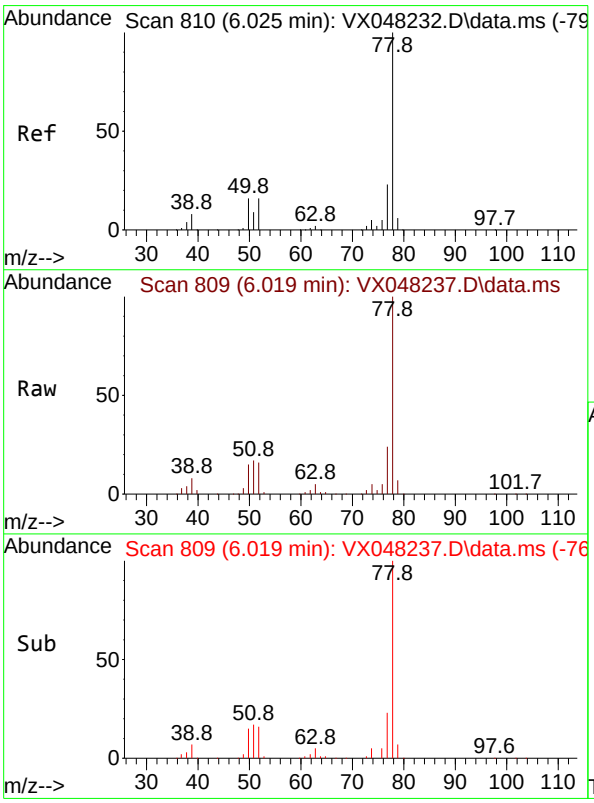
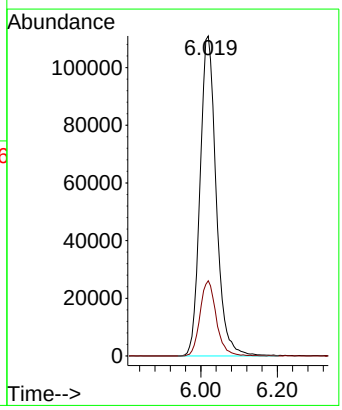
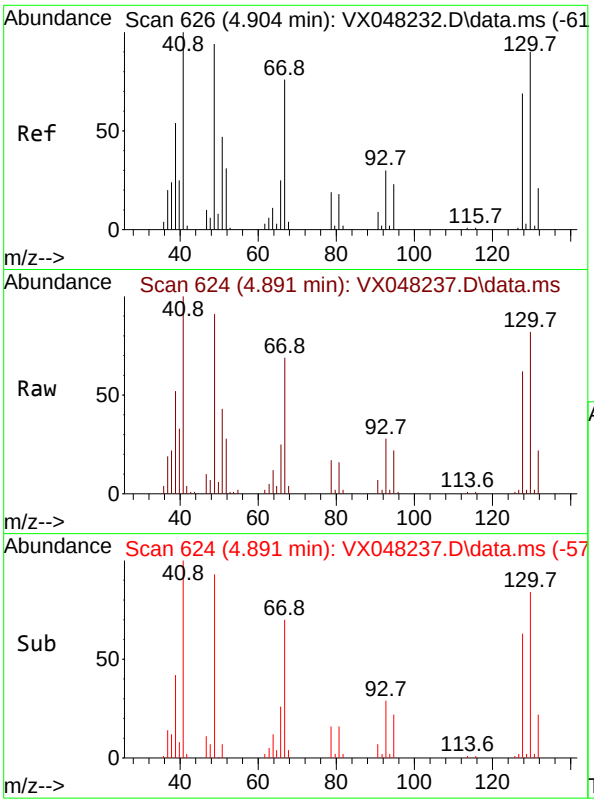



#40
Benzene
Concen: 50.241 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 78 Resp: 325041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 19.3 | 28.9 |

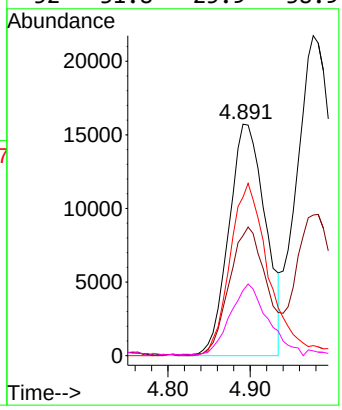





#41
Methacrylonitrile
Concen: 50.358 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 4884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.6 | 44.0 | 66.0 |
| 67 | 80.7 | 58.7 | 88.1 |
| 52 | 31.8 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

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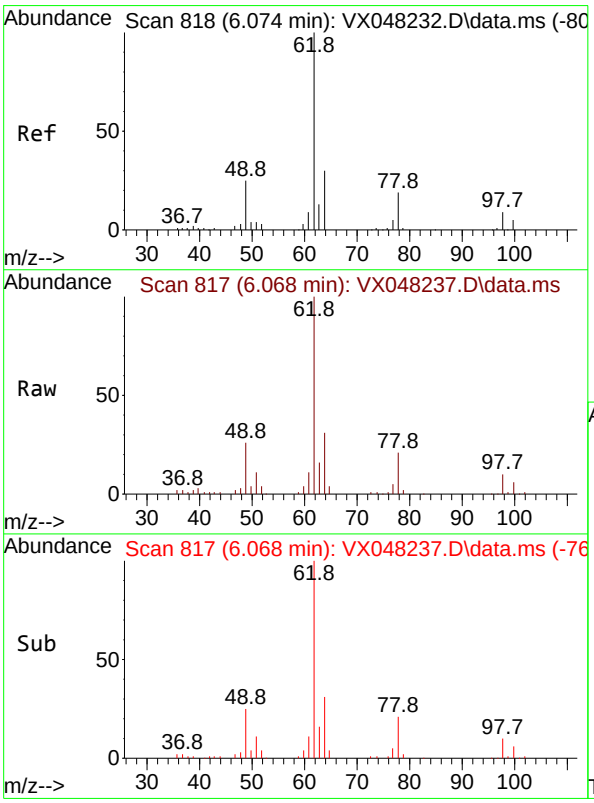
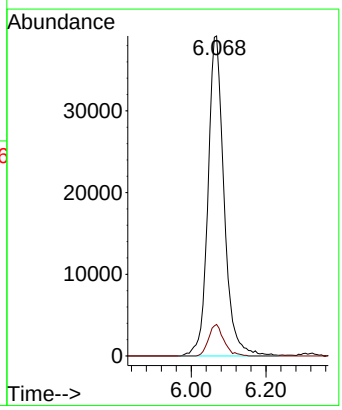
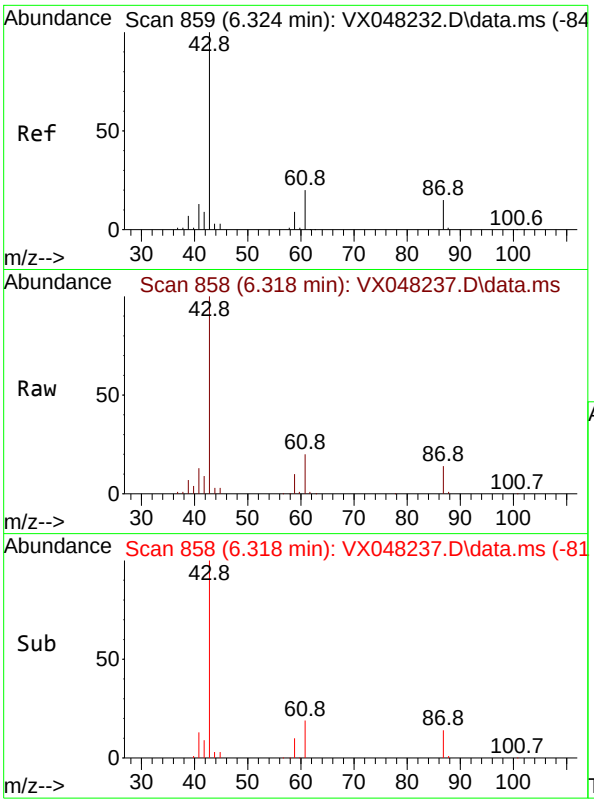



#42
1,2-Dichloroethane
Concen: 48.963 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 116893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.4 | 0.0 | 17.2 |

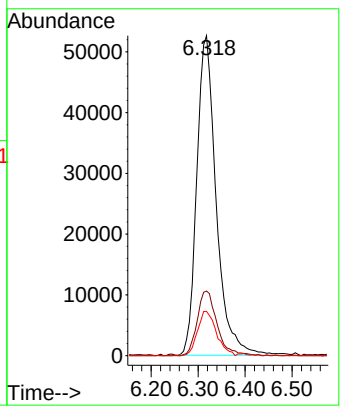





#43
Isopropyl Acetate
Concen: 49.816 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 15114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.7 | 14.9 | 22.3 |
| 87 | 13.5 | 9.4 | 14.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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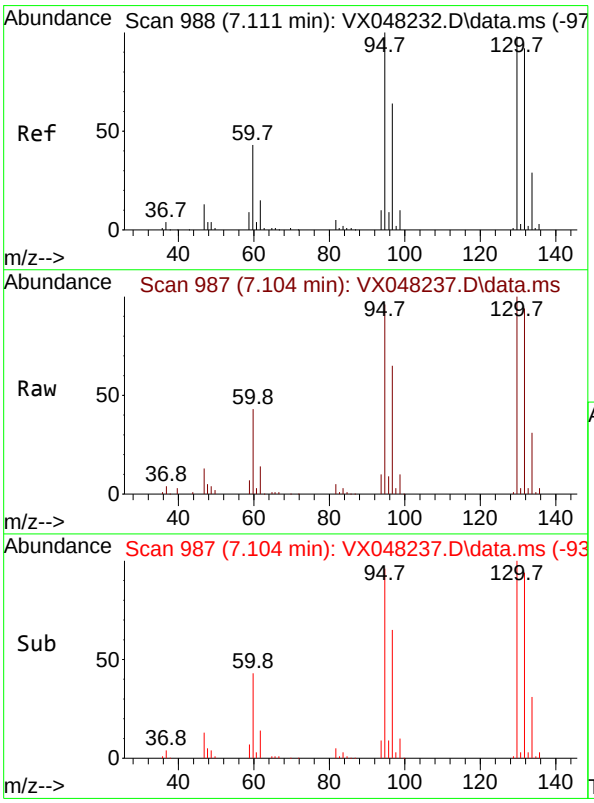
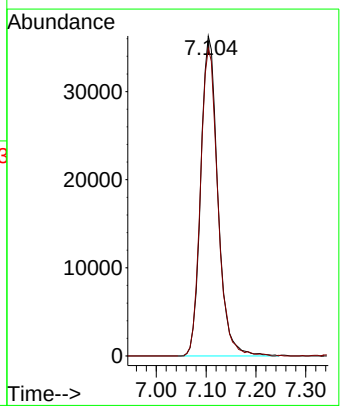
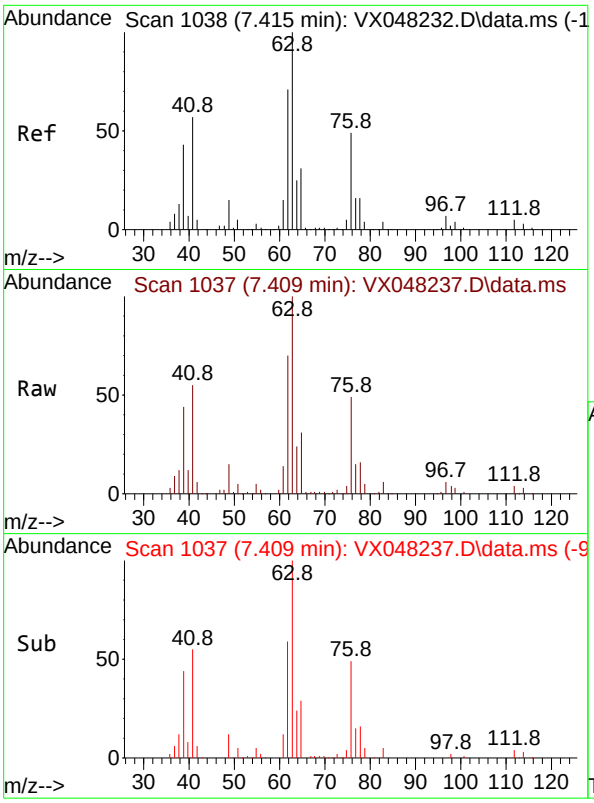



#44
Trichloroethene
Concen: 50.582 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:130 Resp: 86410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.2 | 0.0 | 200.6 |

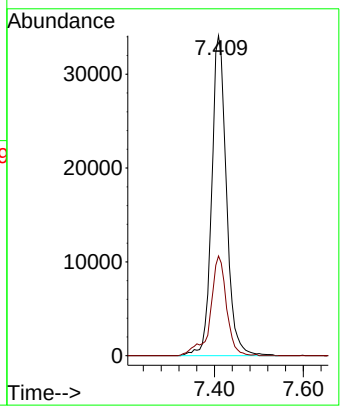





#45
1,2-Dichloropropane
Concen: 50.994 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 7843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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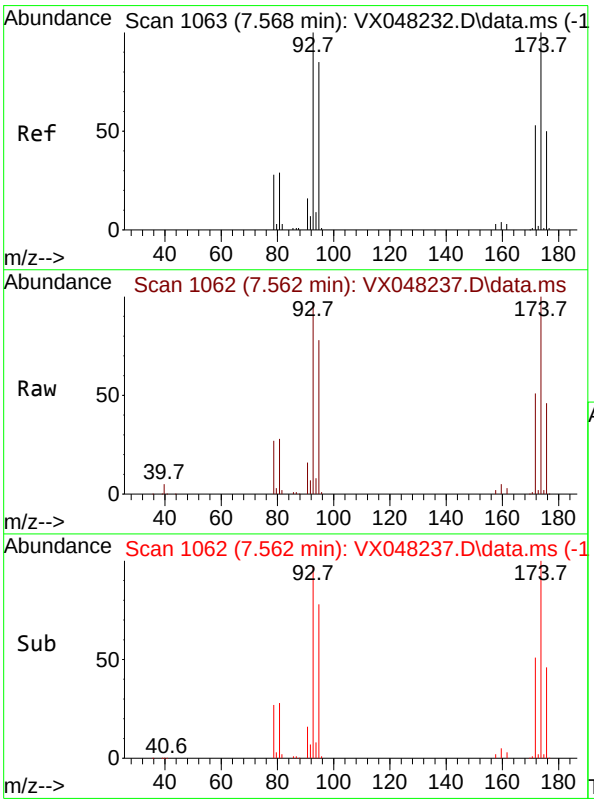
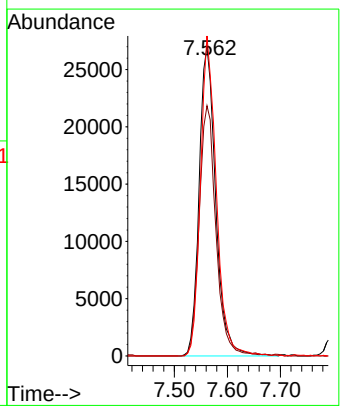
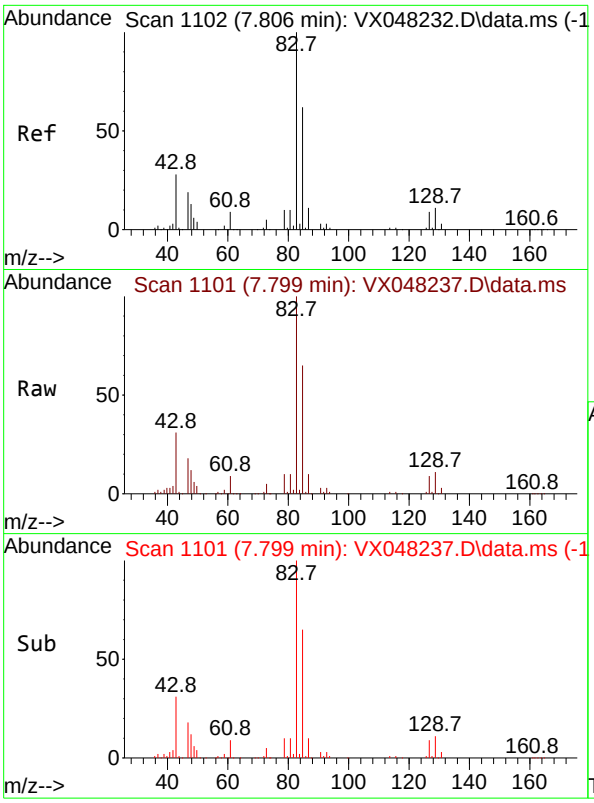



#46
Dibromomethane
Concen: 48.913 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 93 Resp: 58616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.4 | 65.9 | 98.9 |
| 174 | 99.2 | 71.7 | 107.5 |

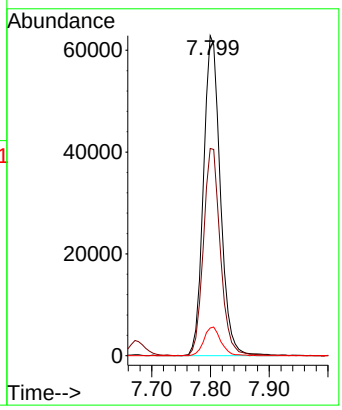





#47
Bromodichloromethane
Concen: 48.459 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 12538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 52.2 | 78.4 |
| 127 | 8.7 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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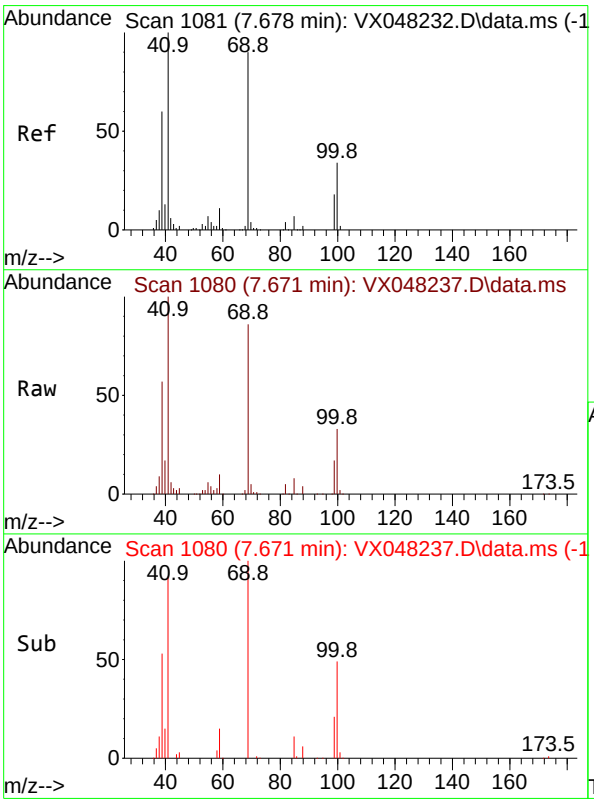
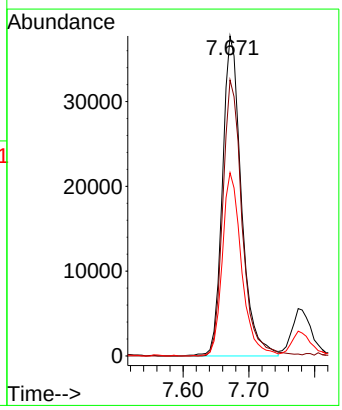
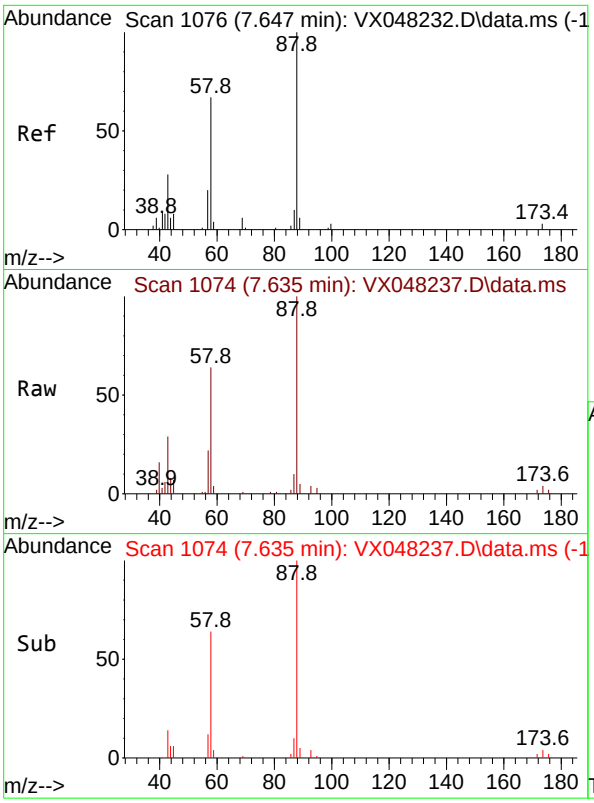



#48
Methyl methacrylate
Concen: 49.519 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 75812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 87.7 | 63.4 | 95.0 |
| 39 | 58.0 | 47.1 | 70.7 |

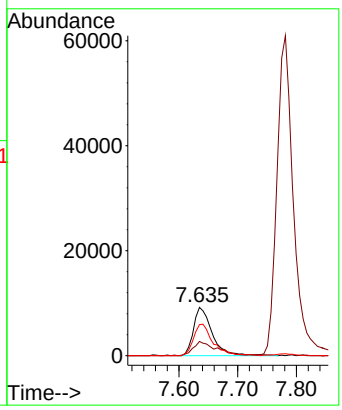





#49
1,4-Dioxane
Concen: 1000.197 ug/l
RT: 7.635 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 88 Resp: 2023

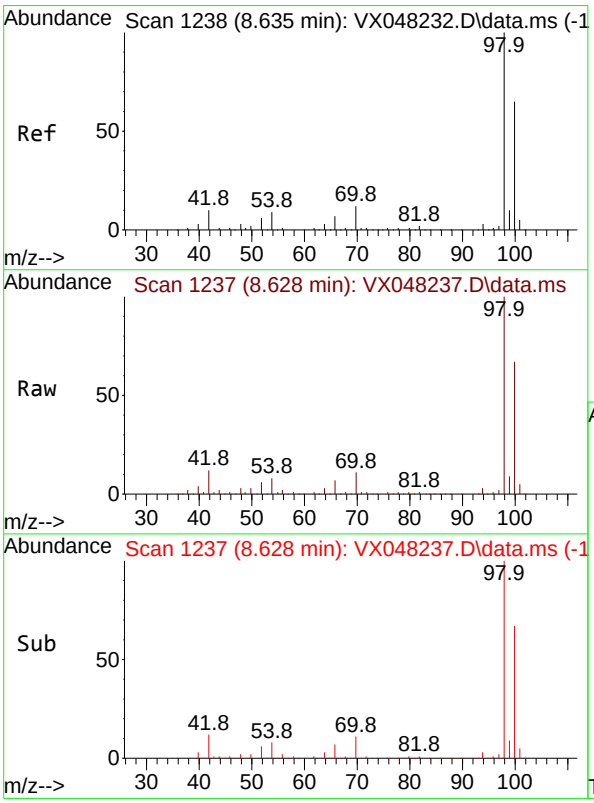
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.8 | 35.0 | 52.4 |
| 58 | 67.9 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

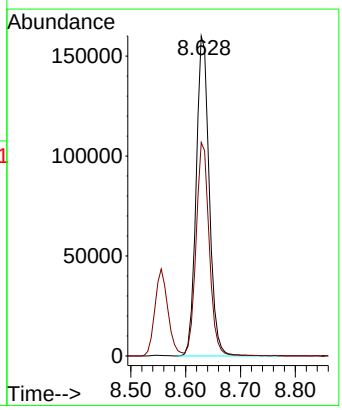
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

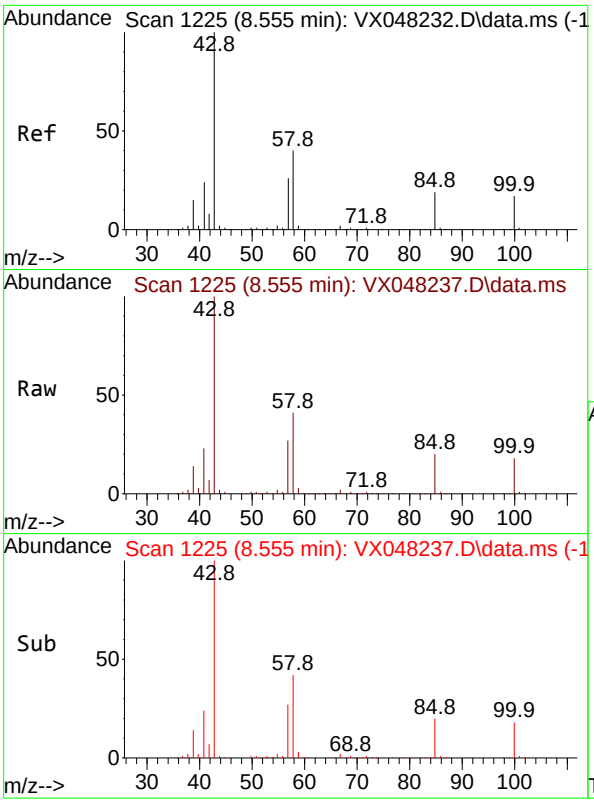



#50
Toluene-d8
Concen: 48.386 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 98 Resp: 265898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 53.0 | 79.4 |






#51
4-Methyl-2-Pentanone
Concen: 244.897 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

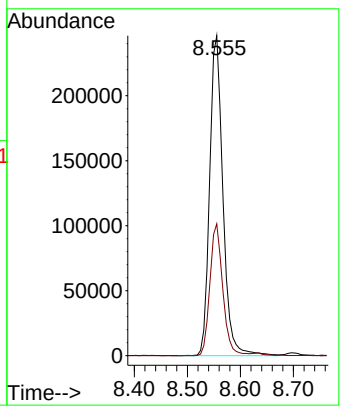
Tgt Ion: 43 Resp: 42839

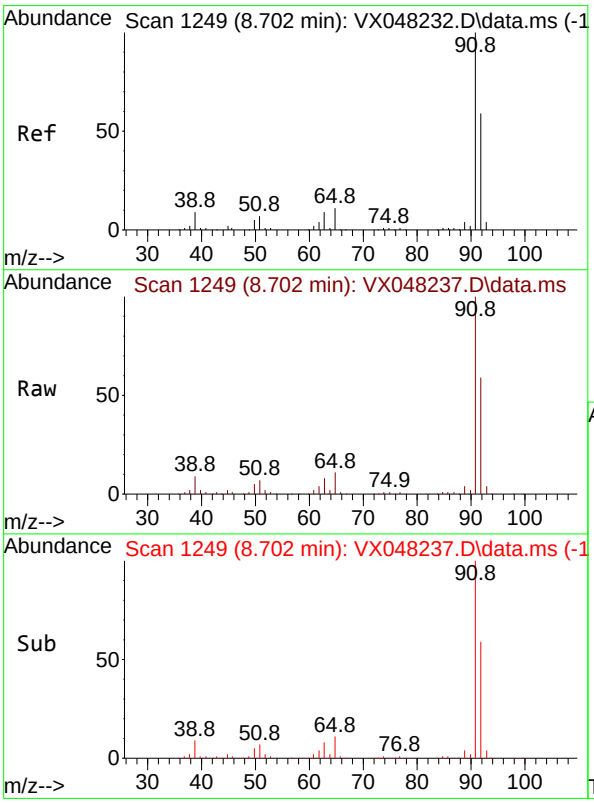
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.9 | 29.5 | 44.3 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

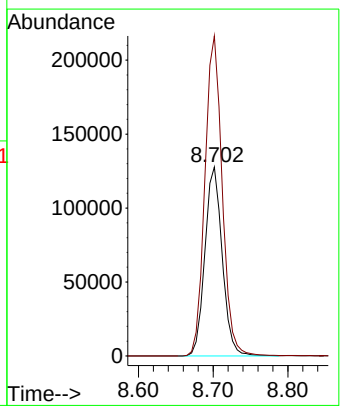


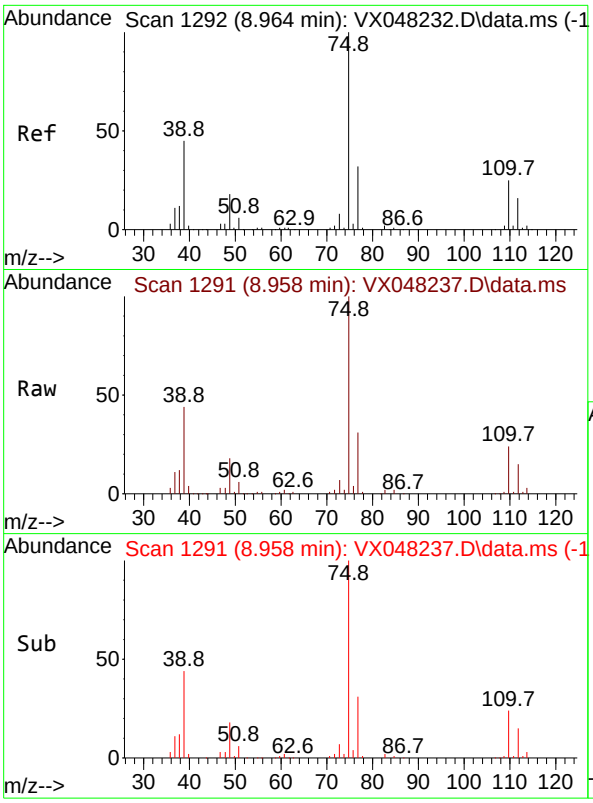




#52
Toluene
Concen: 50.088 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 92 Resp: 205867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.0 | 136.1 | 204.1 |

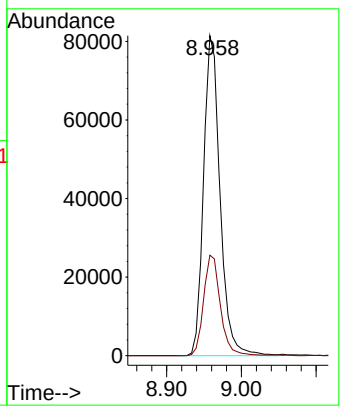





#53
t-1,3-Dichloropropene
Concen: 50.004 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 12468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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Reviewed By :John Carlone 10/21/2025
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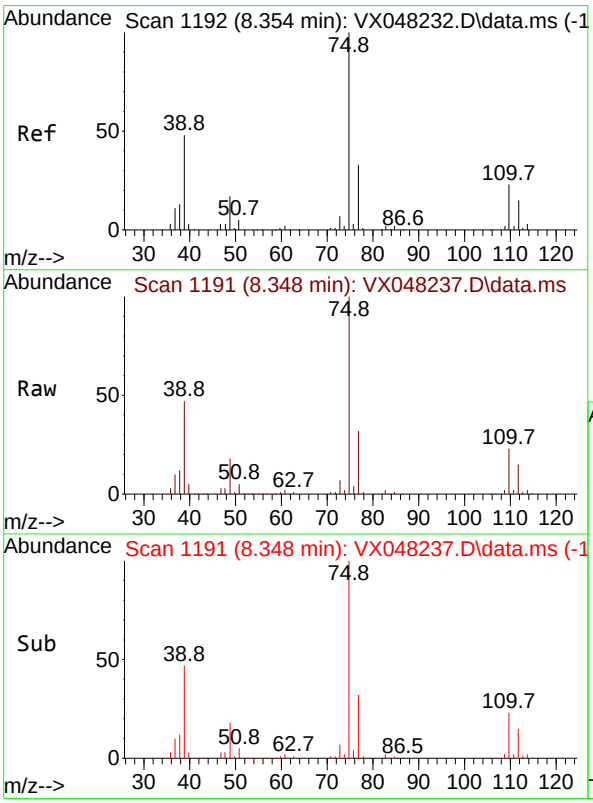
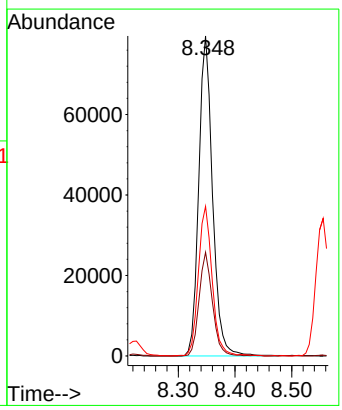
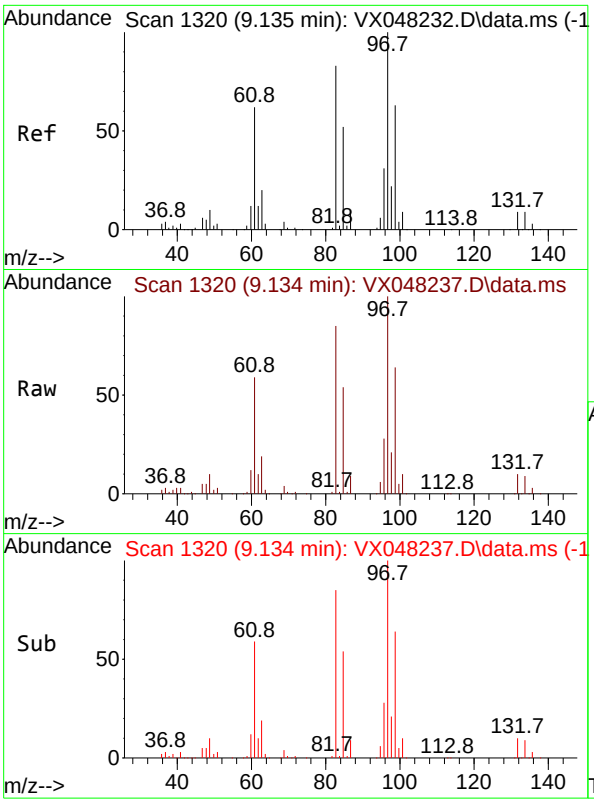



#54
cis-1,3-Dichloropropene
Concen: 49.944 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 134360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.4 | 24.9 | 37.3 |
| 39 | 46.7 | 42.6 | 64.0 |

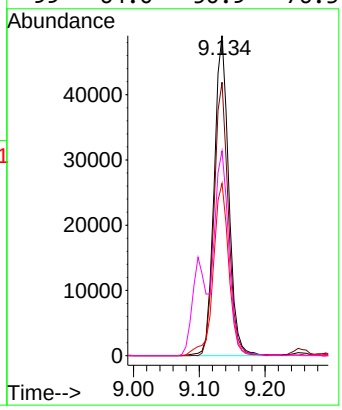





#55
1,1,2-Trichloroethane
Concen: 49.597 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 97 Resp: 7580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.5 | 70.6 | 105.8 |
| 85 | 53.9 | 45.0 | 67.6 |
| 99 | 64.0 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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Reviewed By :John Carlone 10/21/2025
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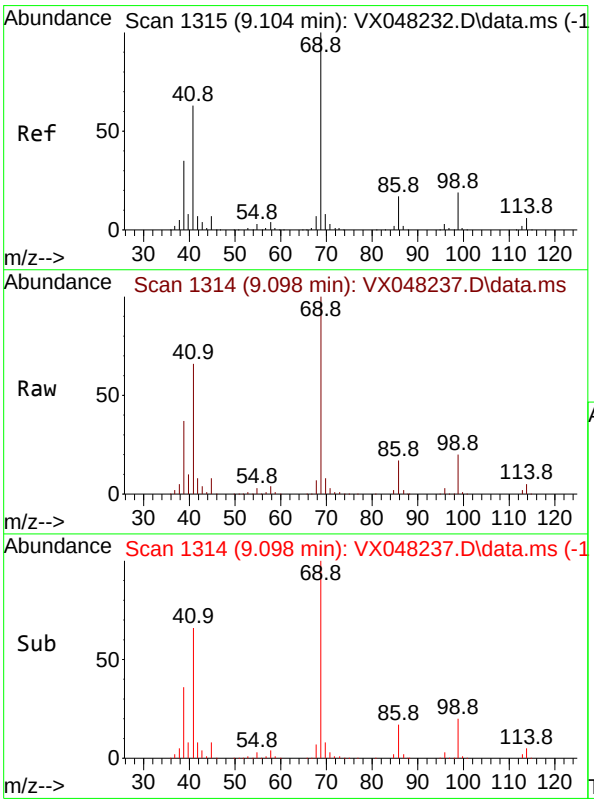
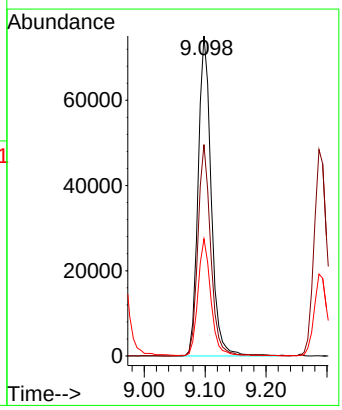
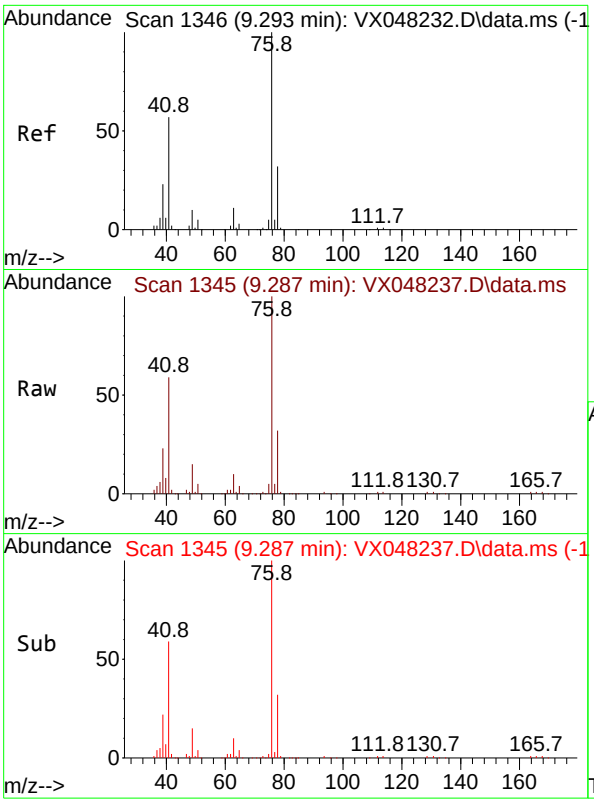



#56
Ethyl methacrylate
Concen: 49.964 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 69 Resp: 111702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.1 | 56.0 | 84.0 |
| 39 | 36.0 | 31.6 | 47.4 |

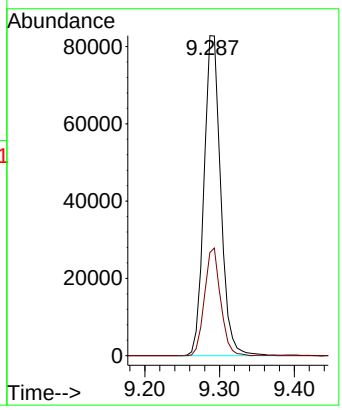





#57
1,3-Dichloropropane
Concen: 49.226 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 76 Resp: 12851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.4 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

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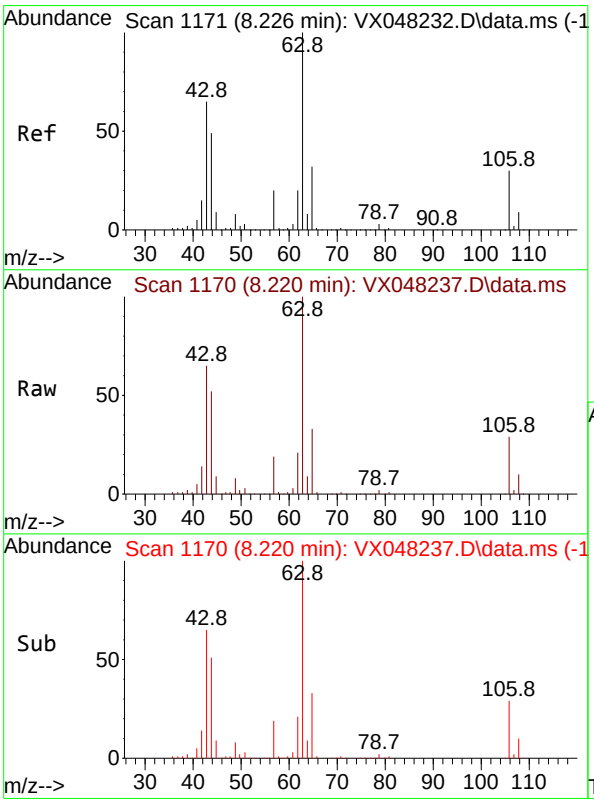
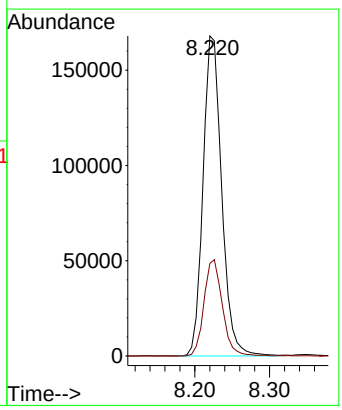
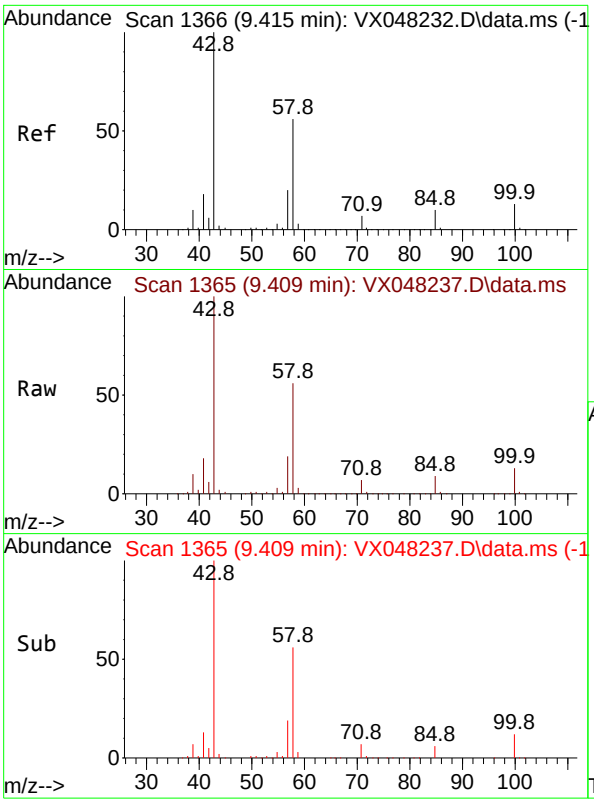



#58
2-Chloroethyl Vinyl ether
Concen: 242.124 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 290992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.6 | 22.2 | 33.2 |

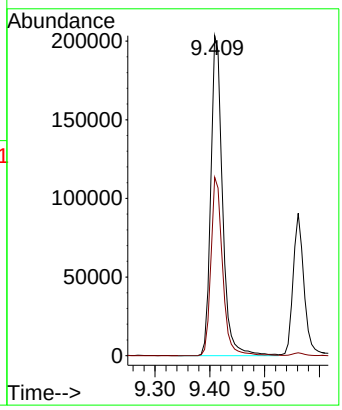





#59
2-Hexanone
Concen: 246.102 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 30018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.6 | 26.3 | 78.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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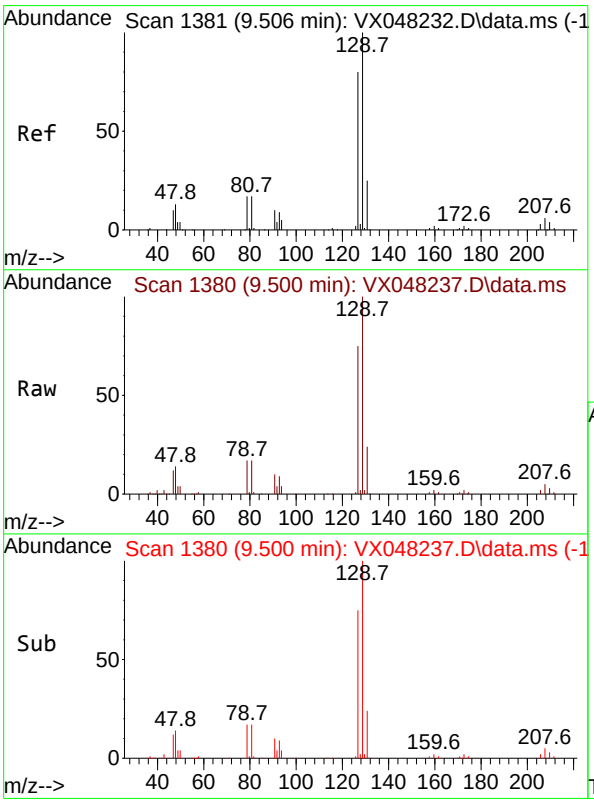
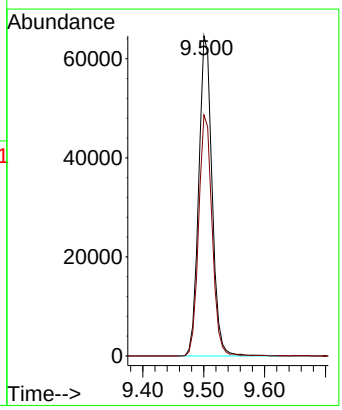
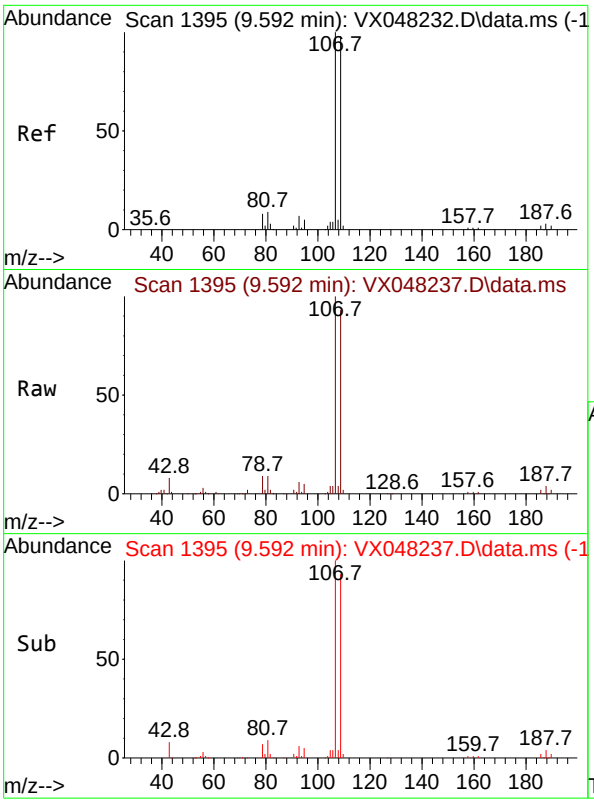



#60
Dibromochloromethane
Concen: 47.530 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:129 Resp: 97643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.2 | 38.6 | 115.7 |

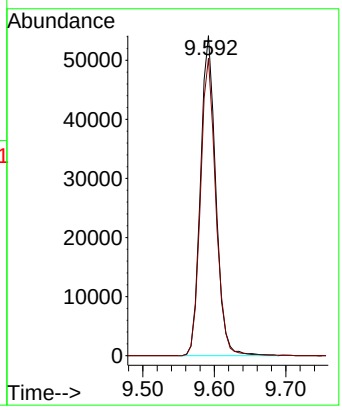





#61
1,2-Dibromoethane
Concen: 49.319 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:107 Resp: 8036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.1 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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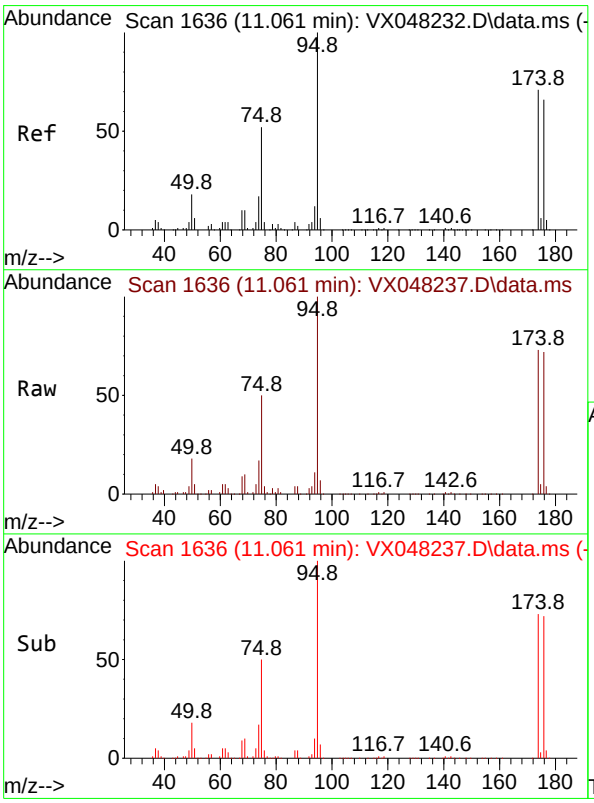
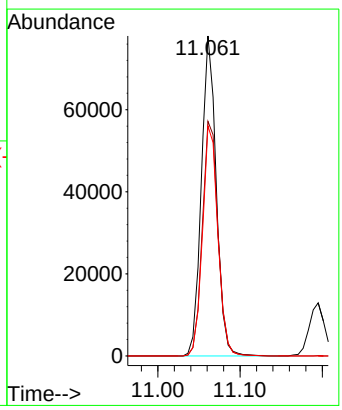
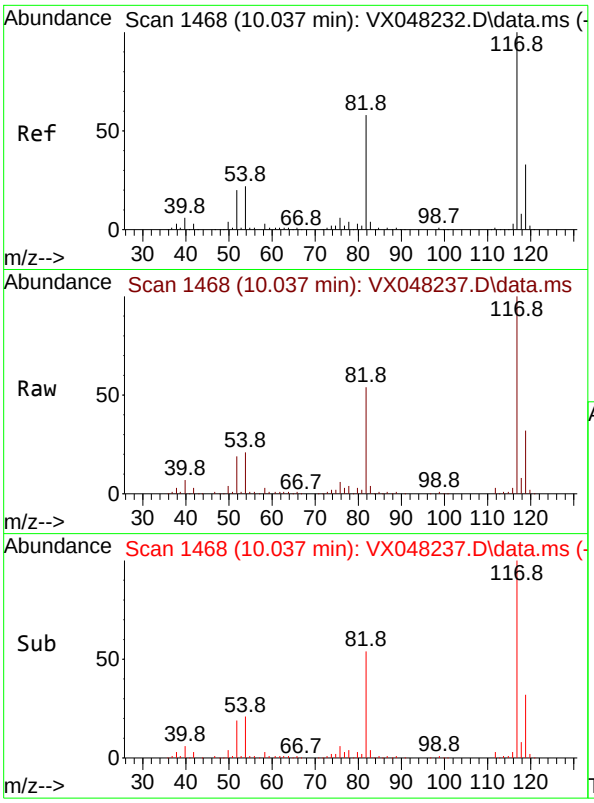



#62
4-Bromofluorobenzene
Concen: 46.795 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 95 Resp: 97828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.0 | 0.0 | 147.8 |
| 176 | 74.2 | 0.0 | 142.8 |

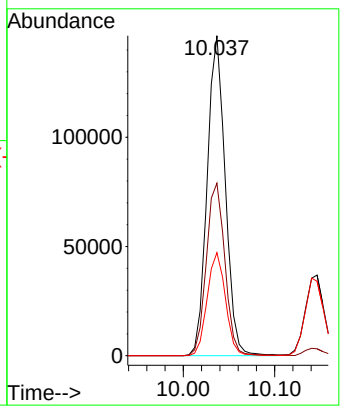





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 20139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.9 | 46.5 | 69.7 |
| 119 | 32.2 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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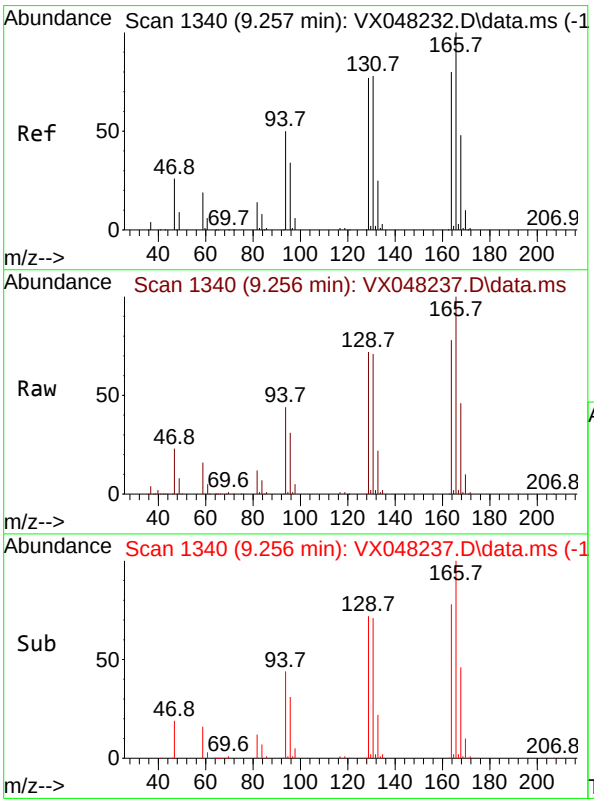
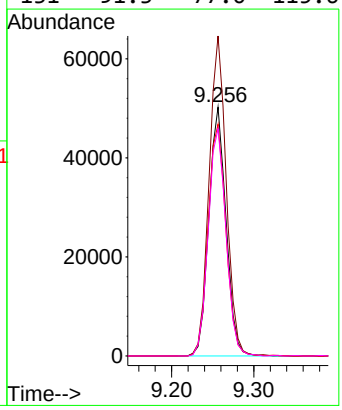
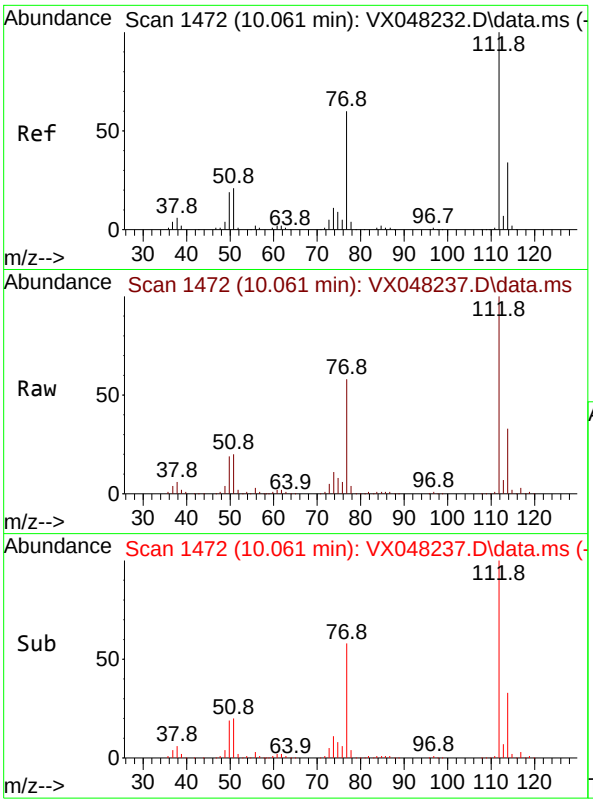



#64
Tetrachloroethene
Concen: 48.686 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:164 Resp: 73198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.6 | 104.5 | 156.7 |
| 129 | 93.1 | 81.8 | 122.6 |
| 131 | 91.3 | 77.0 | 115.6 |

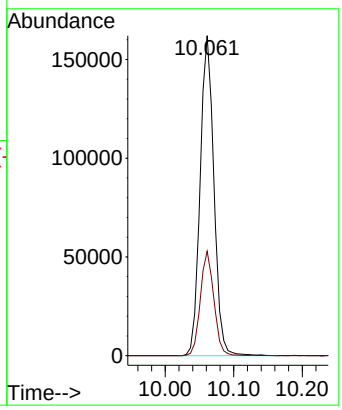





#65
Chlorobenzene
Concen: 50.095 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:112 Resp: 22695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.6 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

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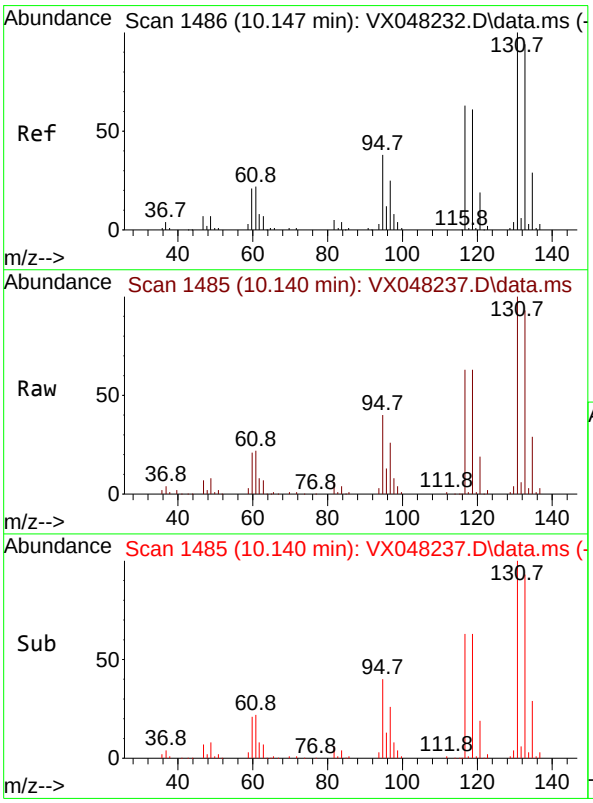
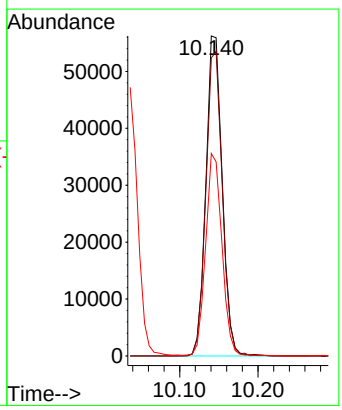
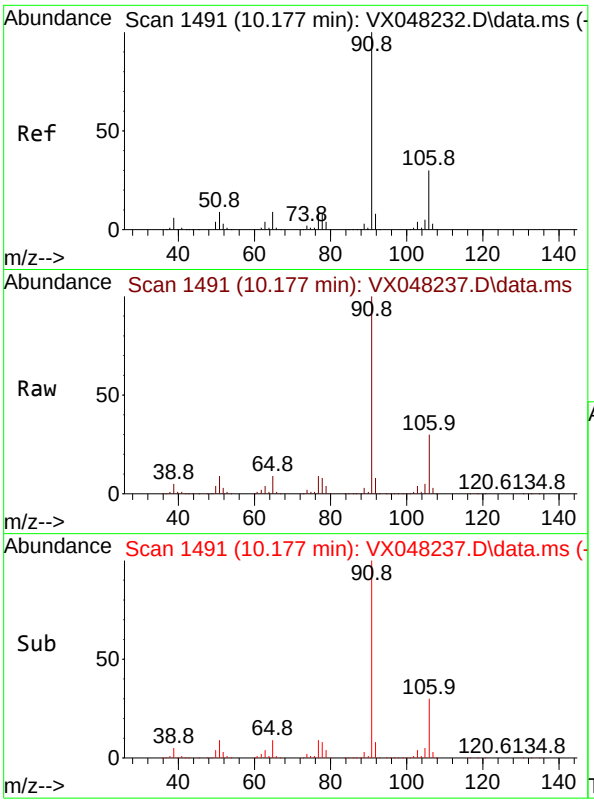



#66
1,1,1,2-Tetrachloroethane
Concen: 49.014 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:131 Resp: 81561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.2 | 47.6 | 142.8 |
| 119 | 63.3 | 32.5 | 97.5 |

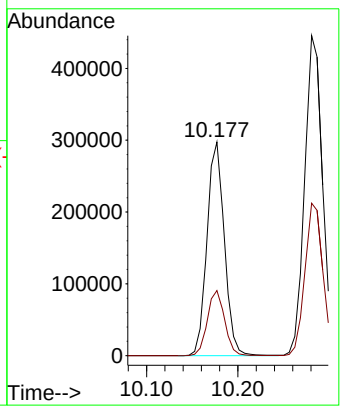





#67
Ethyl Benzene
Concen: 50.798 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 39183

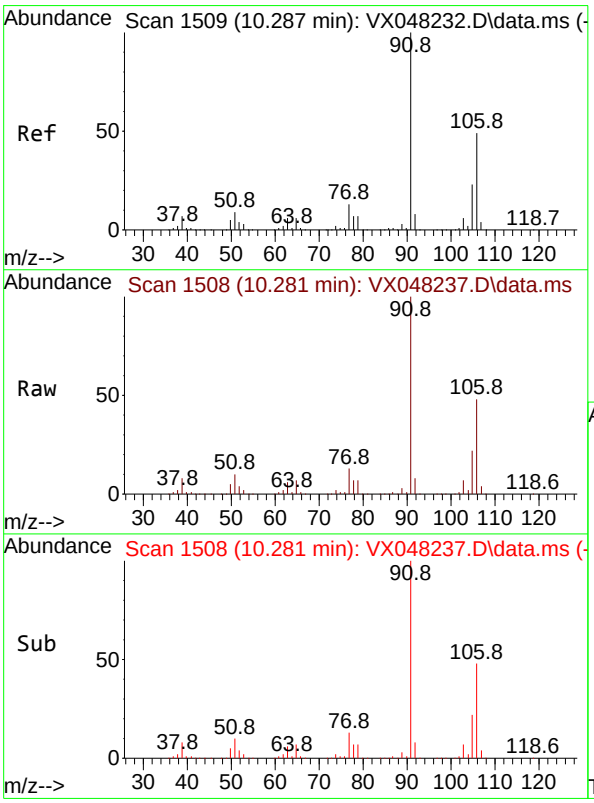
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.5 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

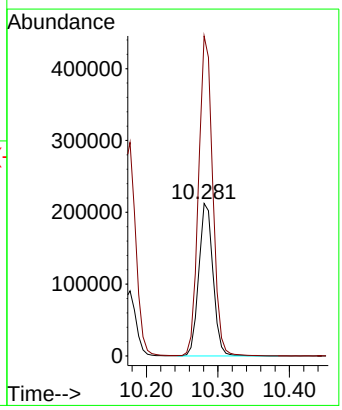
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

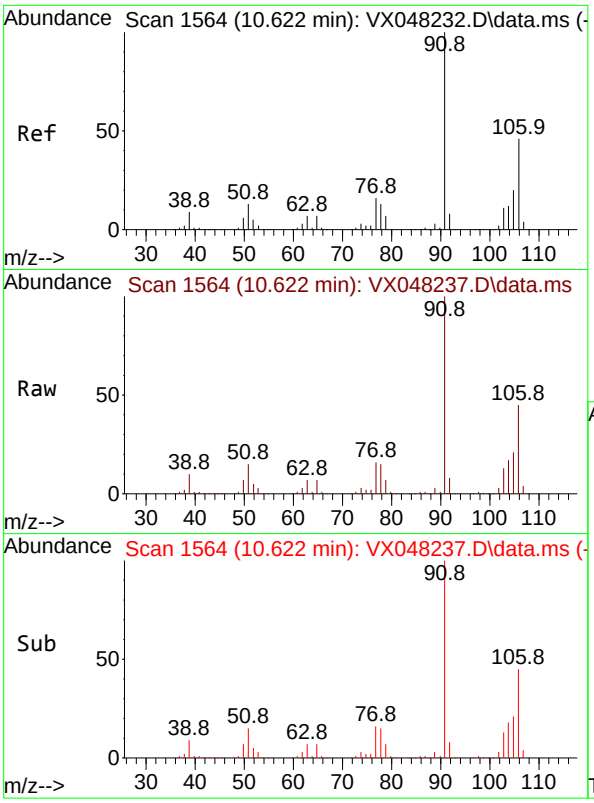



#68
m/p-Xylenes
Concen: 102.416 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:106 Resp: 293516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 208.2 | 167.9 | 251.9 |

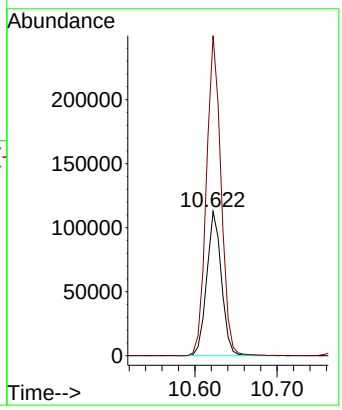





#69
o-Xylene
Concen: 50.424 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:106 Resp: 13951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.1 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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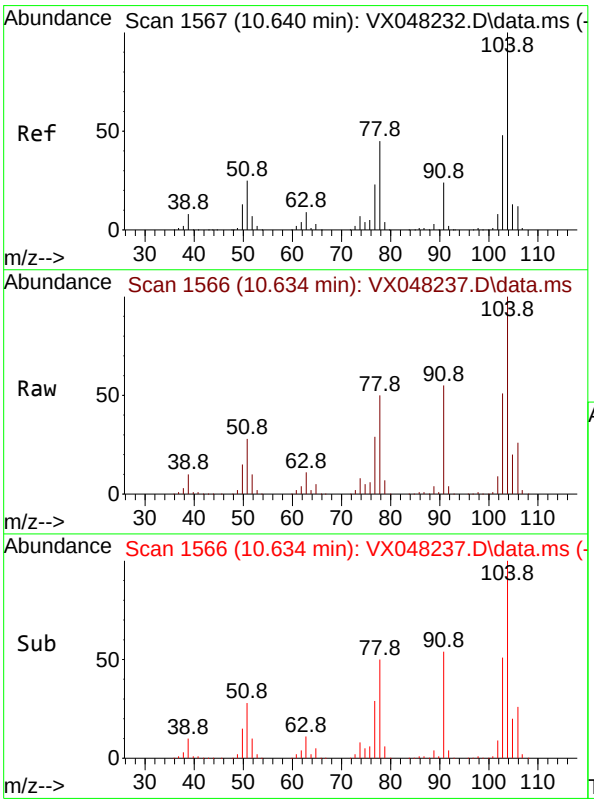
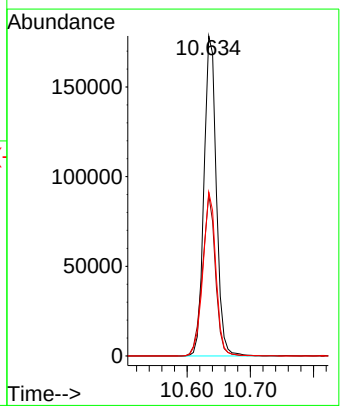
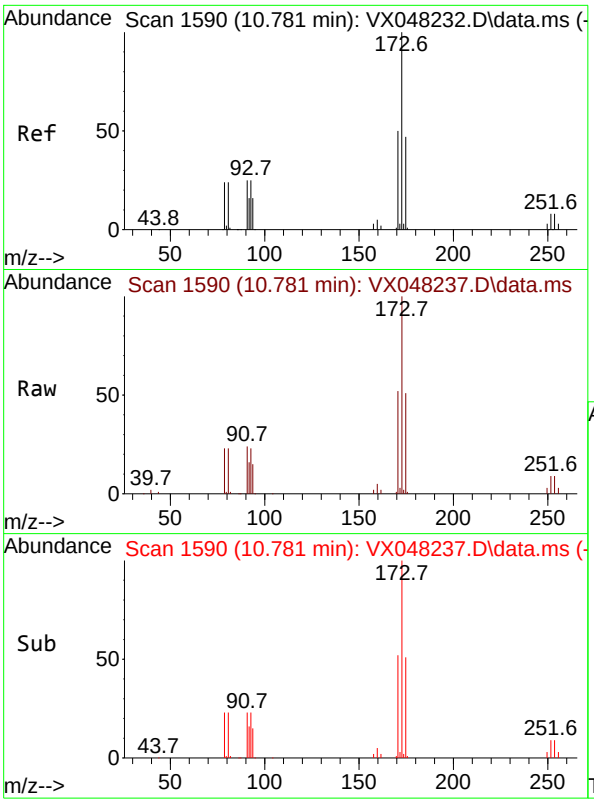



#70
Styrene
Concen: 51.651 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:104 Resp: 243341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.8 | 42.2 | 63.4 |
| 103 | 53.8 | 43.0 | 64.4 |

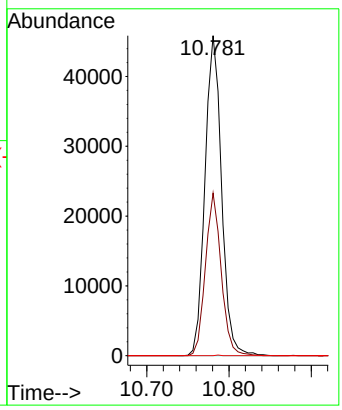





#71
Bromoform
Concen: 48.250 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:173 Resp: 6417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.3 | 24.0 | 72.0 |
| 254 | 0.1 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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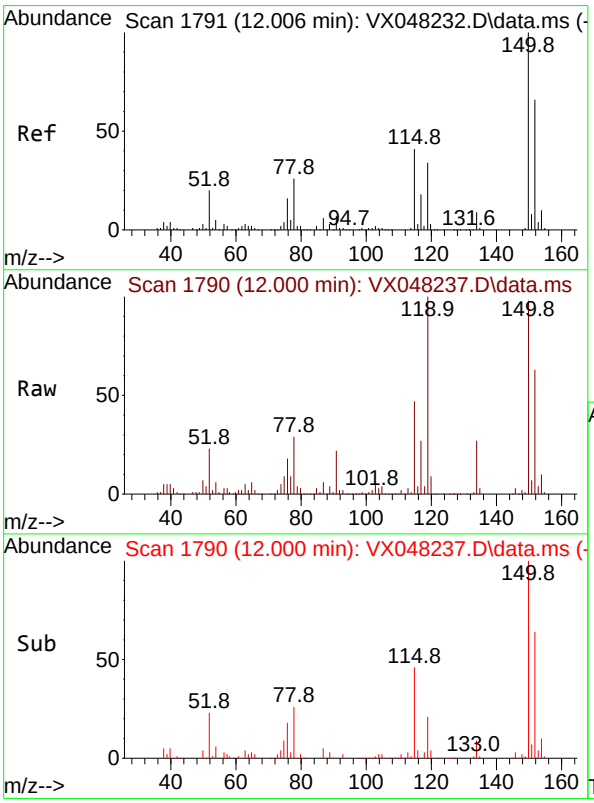
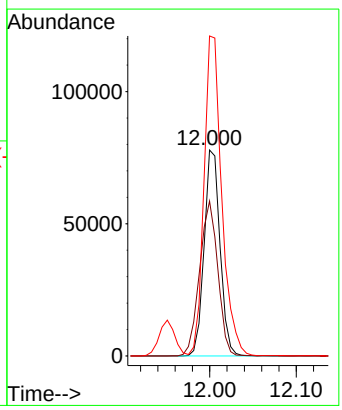
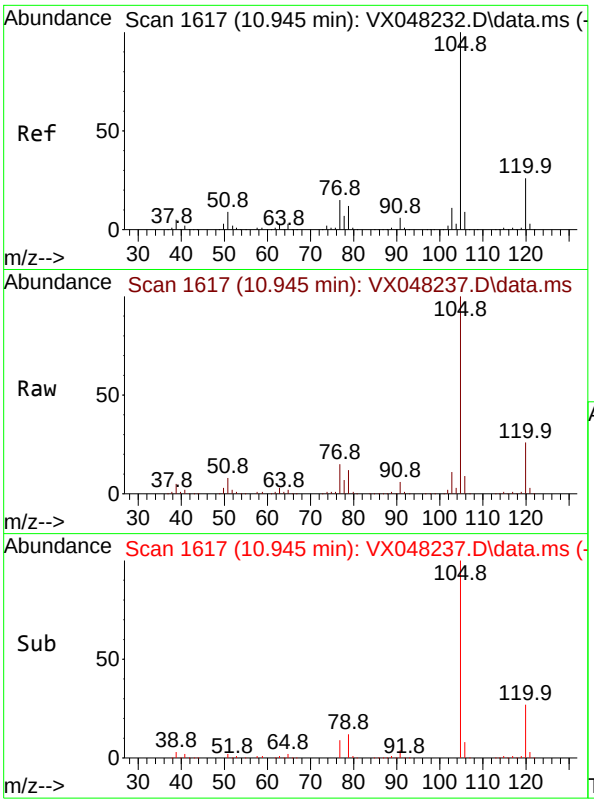



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:152 Resp: 99108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 86.2 | 43.1 | 129.4 |
| 150 | 173.4 | 0.0 | 353.0 |






#73
Isopropylbenzene
Concen: 51.658 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 373948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.8 | 13.0 | 38.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

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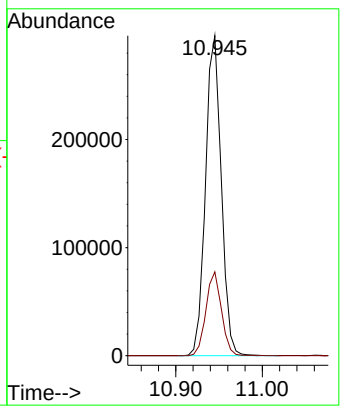
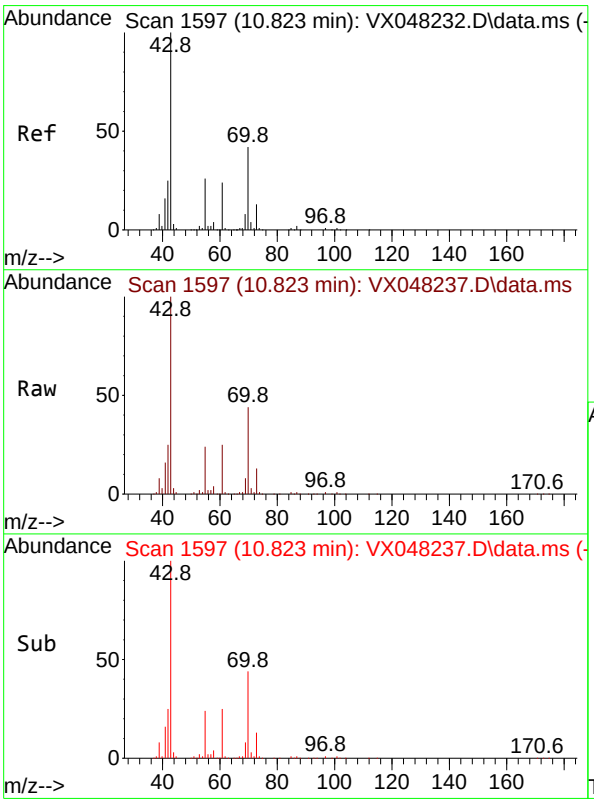
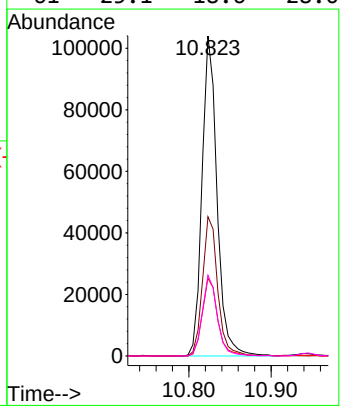


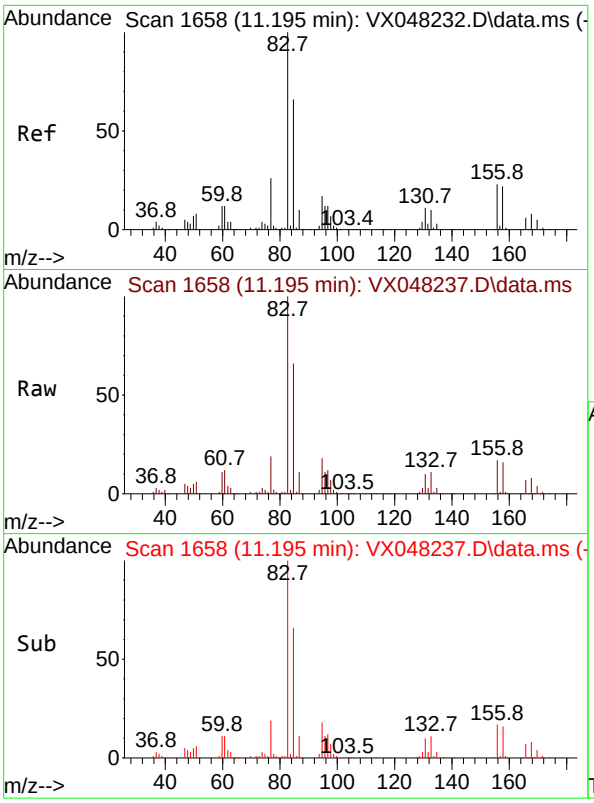




#74
N-amyl acetate
Concen: 51.399 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 131979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.1 | 32.2 | 48.2 |
| 55 | 25.0 | 19.1 | 28.7 |
| 61 | 25.1 | 18.6 | 28.0 |

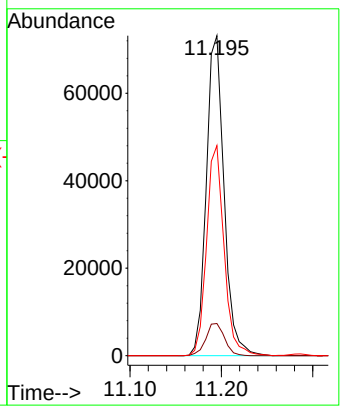





#75
1,1,2,2-Tetrachloroethane
Concen: 49.936 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 9871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.6 | 4.8 | 14.4 |
| 85 | 64.8 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/21/2025
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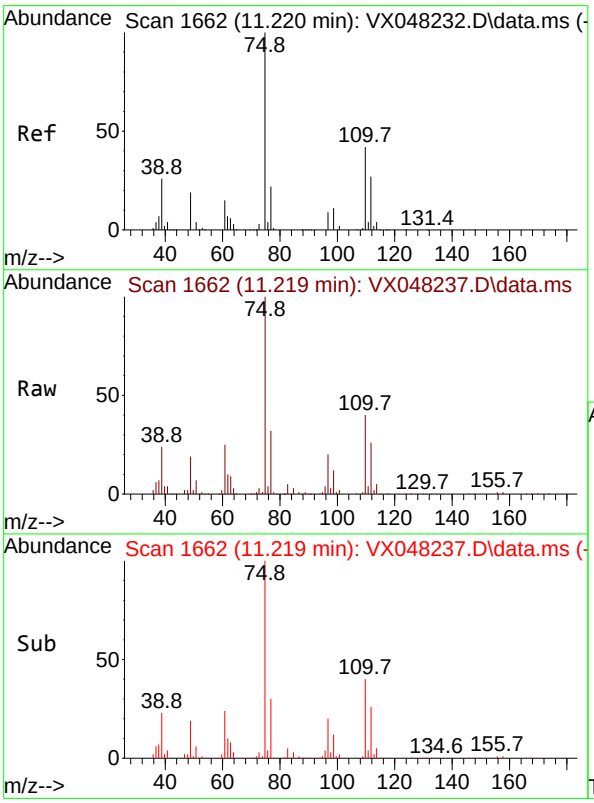
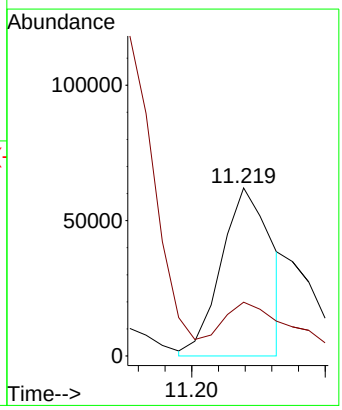
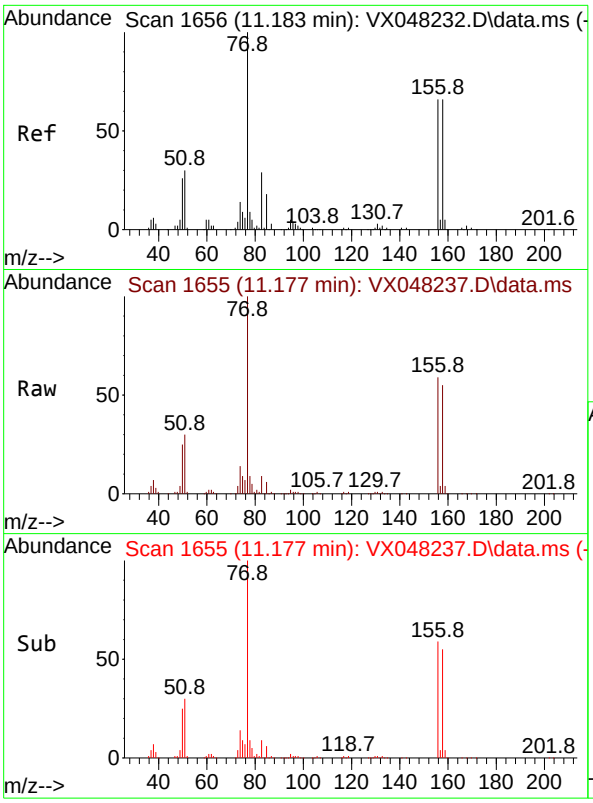



#76
1,2,3-Trichloropropane
Concen: 50.456 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 81093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.4 | 22.4 | 67.2 |

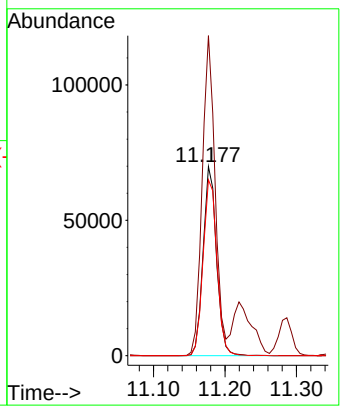





#77
Bromobenzene
Concen: 50.135 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:156 Resp: 9100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 162.5 | 87.0 | 261.0 |
| 158 | 96.4 | 47.8 | 143.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/21/2025
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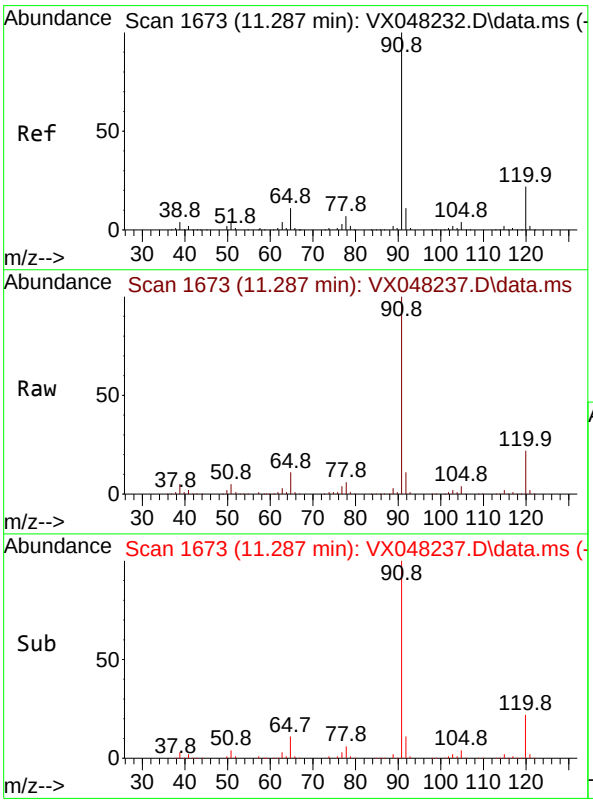
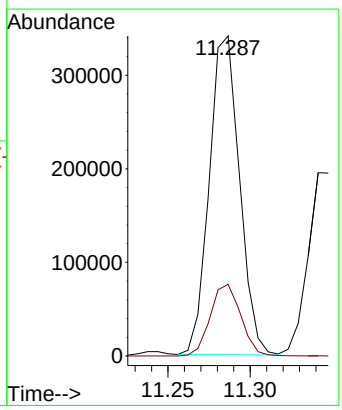
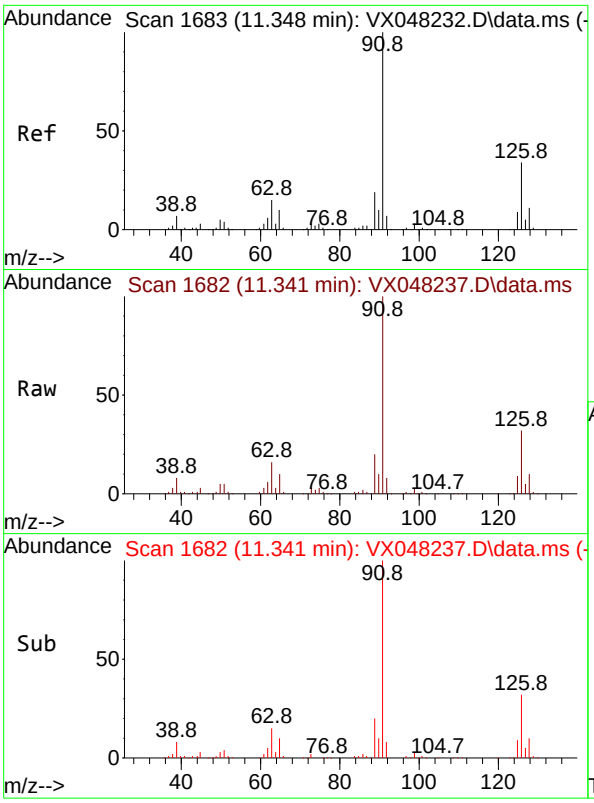



#78
n-propylbenzene
Concen: 51.980 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 435662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.7 | 11.1 | 33.1 |






#79
2-Chlorotoluene
Concen: 50.760 ug/l
RT: 11.341 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 25793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.7 | 16.4 | 49.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations**
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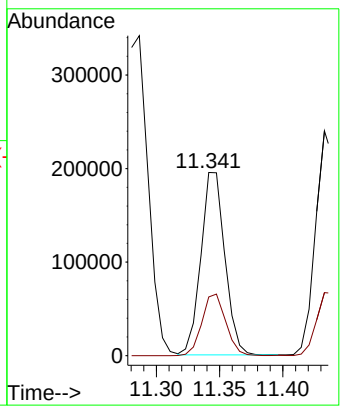
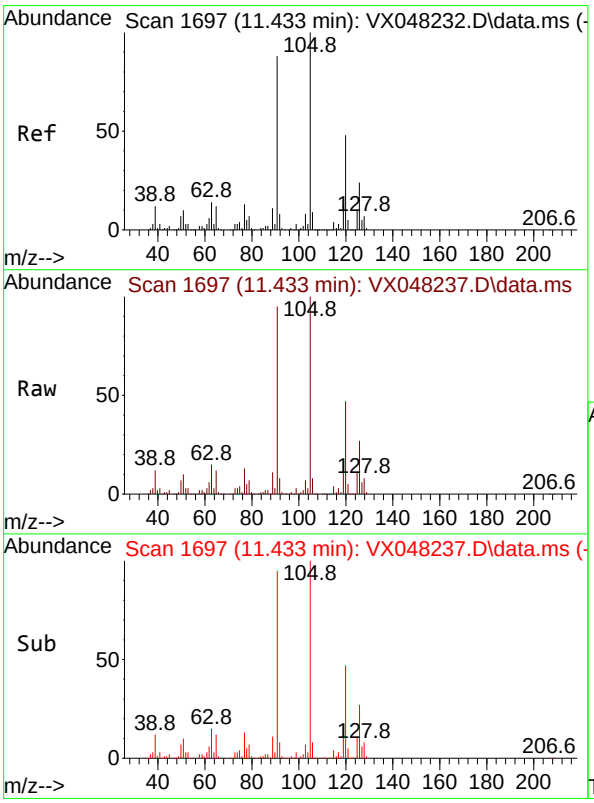
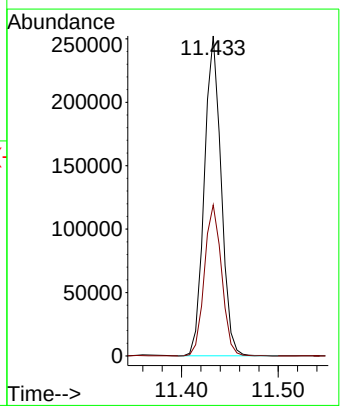


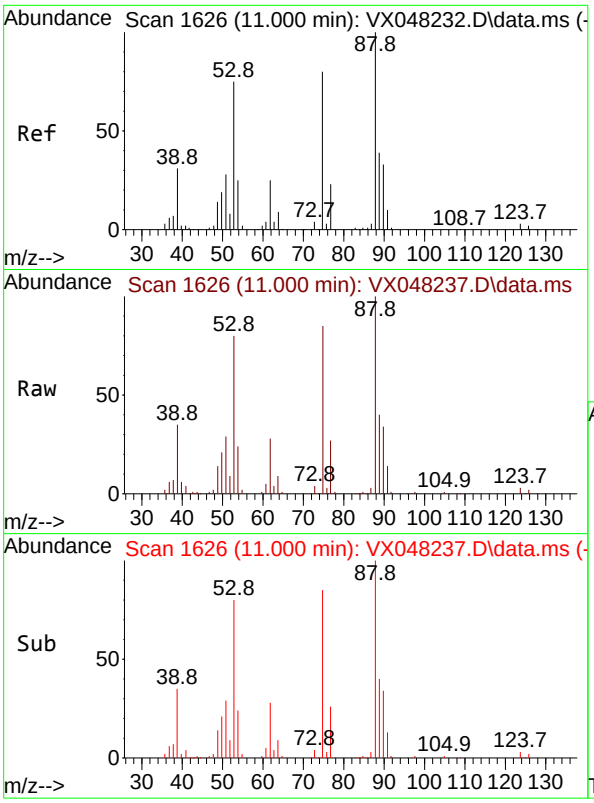




#80
1,3,5-Trimethylbenzene
Concen: 50.918 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 305027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.5 | 24.0 | 72.0 |

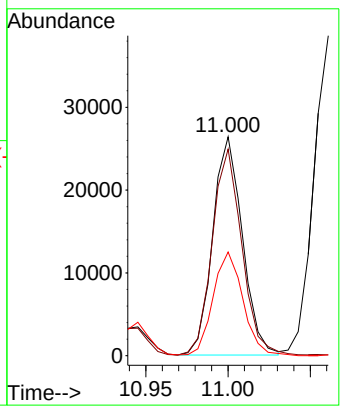





#81
trans-1,4-Dichloro-2-butene
Concen: 49.995 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 3302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 95.4 | 79.5 | 119.3 |
| 89 | 48.1 | 36.8 | 55.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations**
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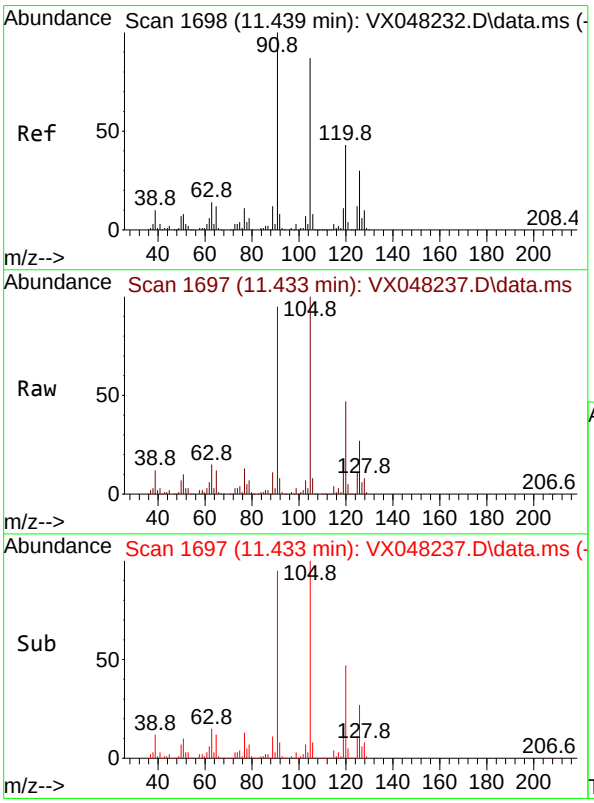
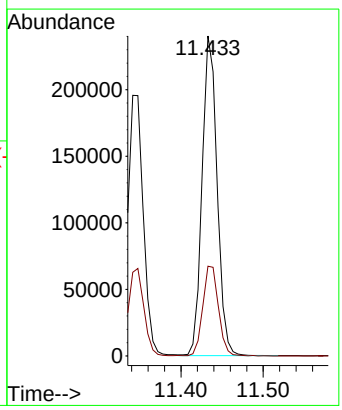
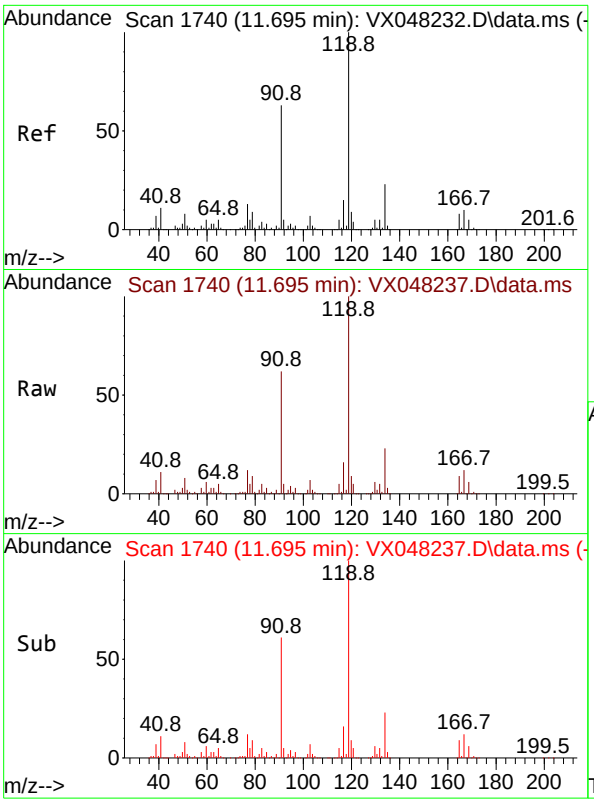



#82
4-Chlorotoluene
Concen: 50.507 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 304670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.5 | 14.1 | 42.4 |

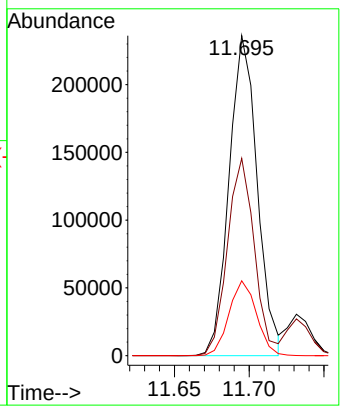





#83
tert-Butylbenzene
Concen: 50.288 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:119 Resp: 30952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.2 | 30.3 | 91.0 |
| 134 | 22.9 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

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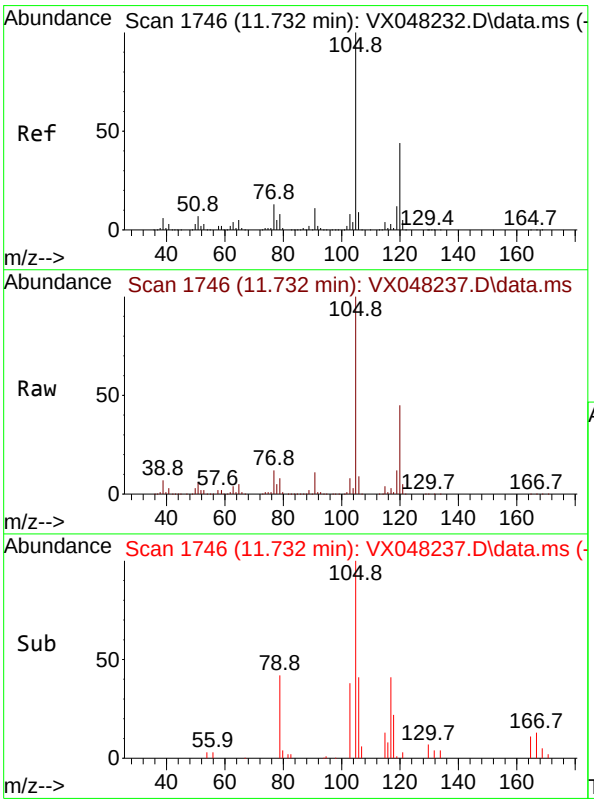
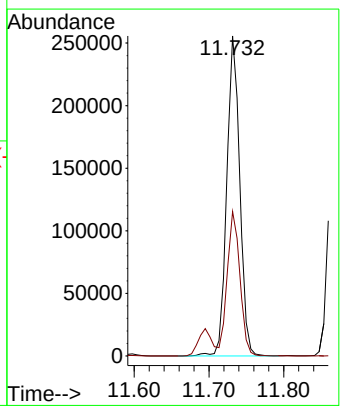
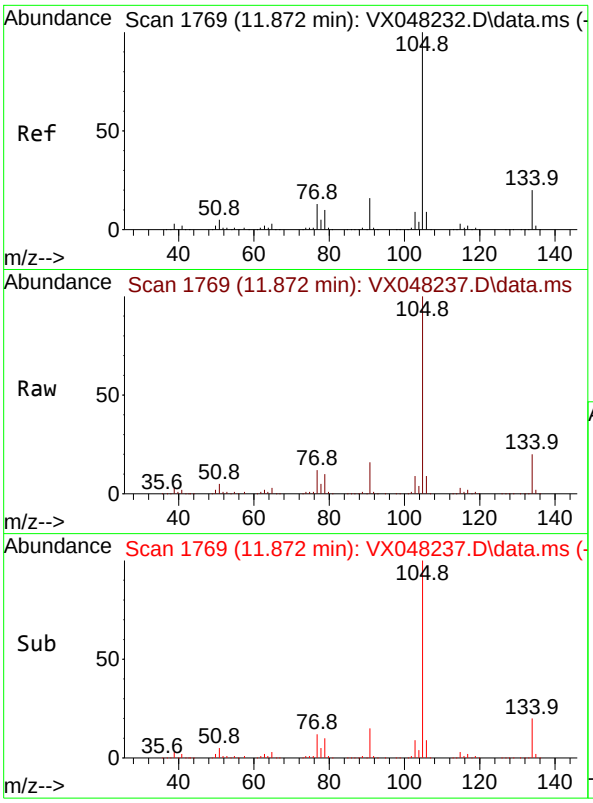



#84
1,2,4-Trimethylbenzene
Concen: 51.607 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 308529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.1 | 22.1 | 66.5 |

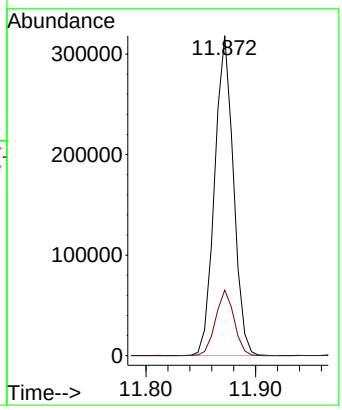





#85
sec-Butylbenzene
Concen: 51.230 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 37936

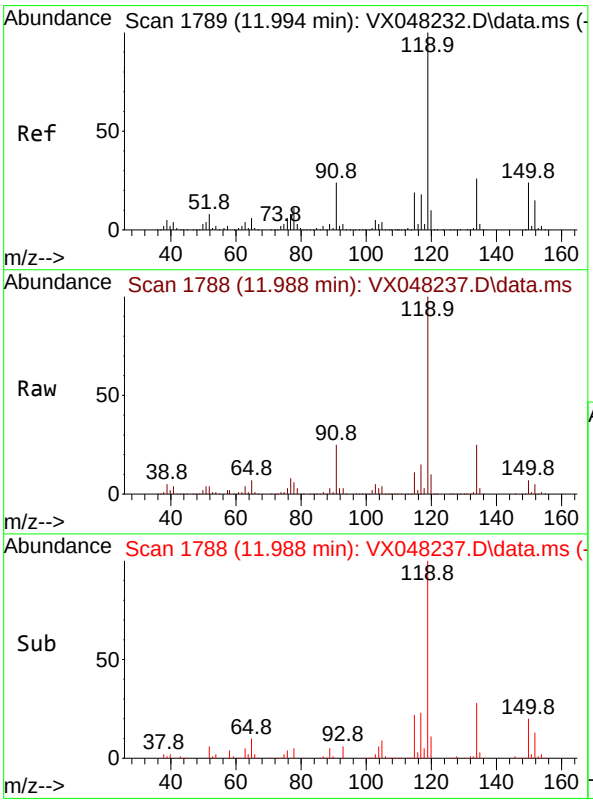
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

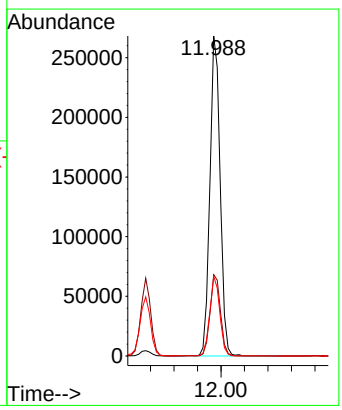
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

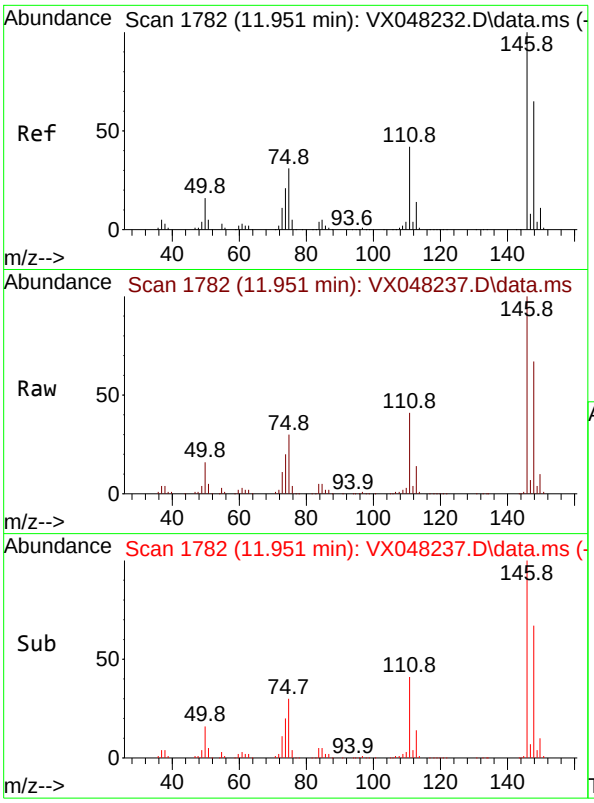



#86
p-Isopropyltoluene
Concen: 50.686 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:119 Resp: 324425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.8 | 13.0 | 39.0 |
| 91 | 24.3 | 12.1 | 36.3 |

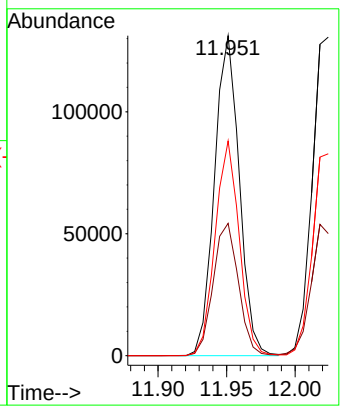





#87
1,3-Dichlorobenzene
Concen: 48.229 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:146 Resp: 16502

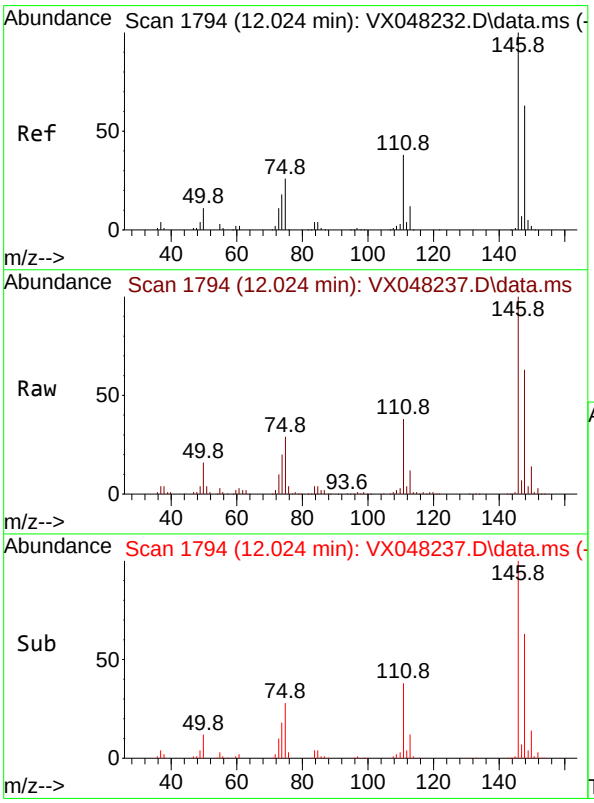
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.2 | 20.4 | 61.2 |
| 148 | 65.3 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations**
**APPROVED**

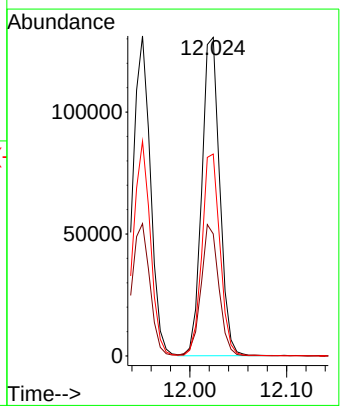
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

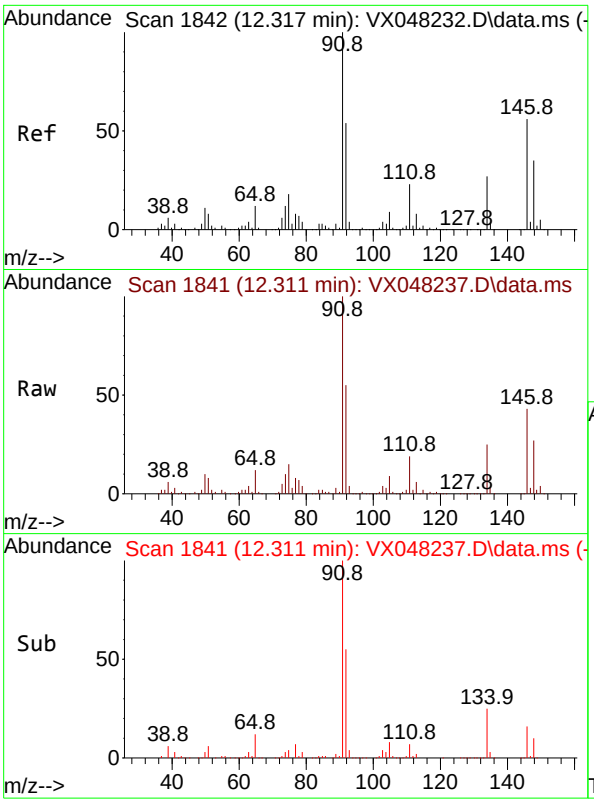



#88
1,4-Dichlorobenzene
Concen: 47.423 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:146 Resp: 168102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.9 | 20.1 | 60.2 |
| 148 | 63.9 | 31.8 | 95.3 |

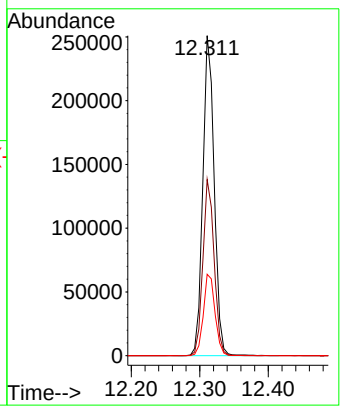





#89
n-Butylbenzene
Concen: 49.728 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 28970

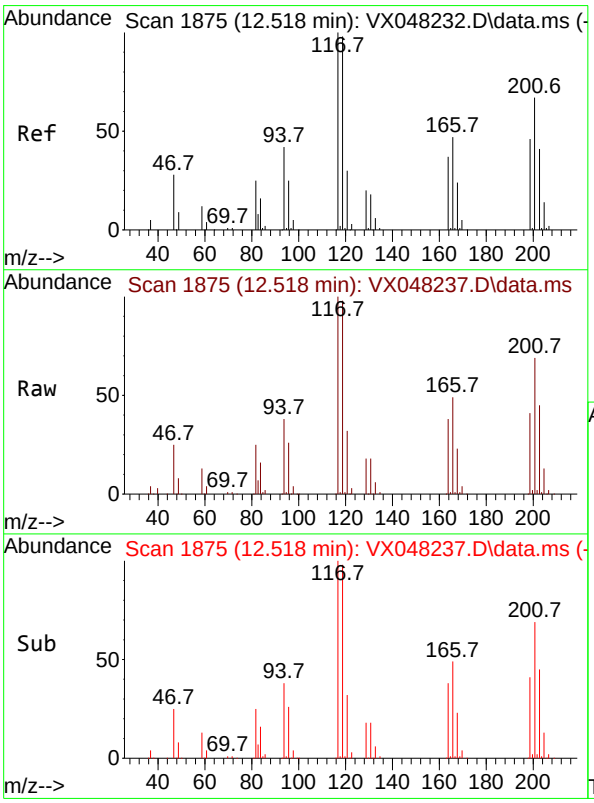
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.7 | 26.9 | 80.6 |
| 134 | 26.1 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

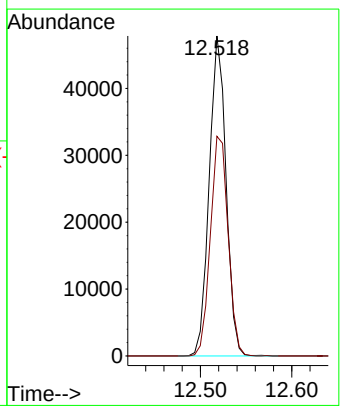
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

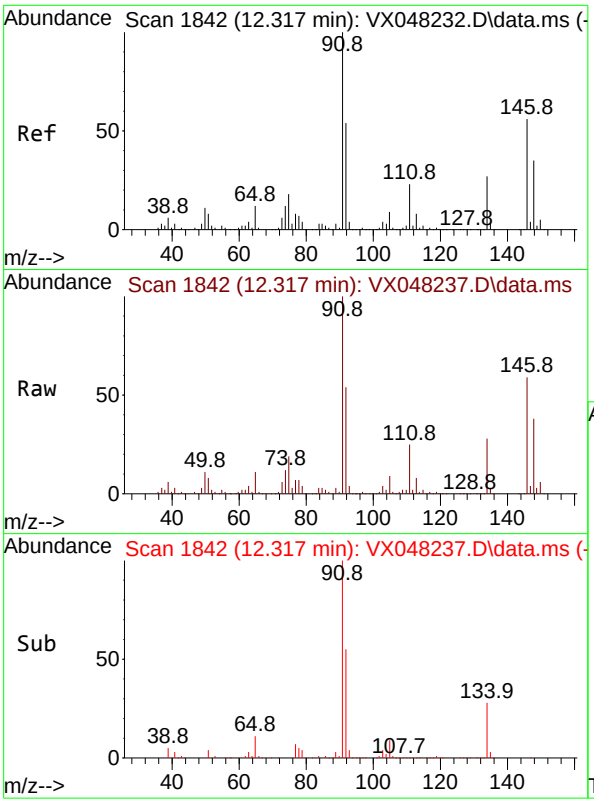



#90
Hexachloroethane
Concen: 48.437 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 61223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 72.4 | 34.1 | 102.2 |

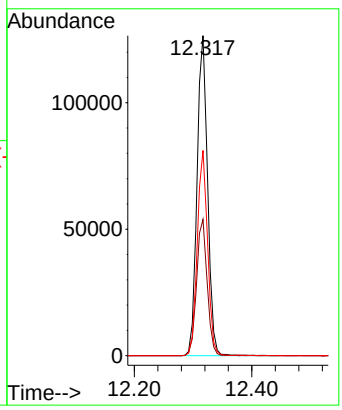





#91
1,2-Dichlorobenzene
Concen: 49.123 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:146 Resp: 15781

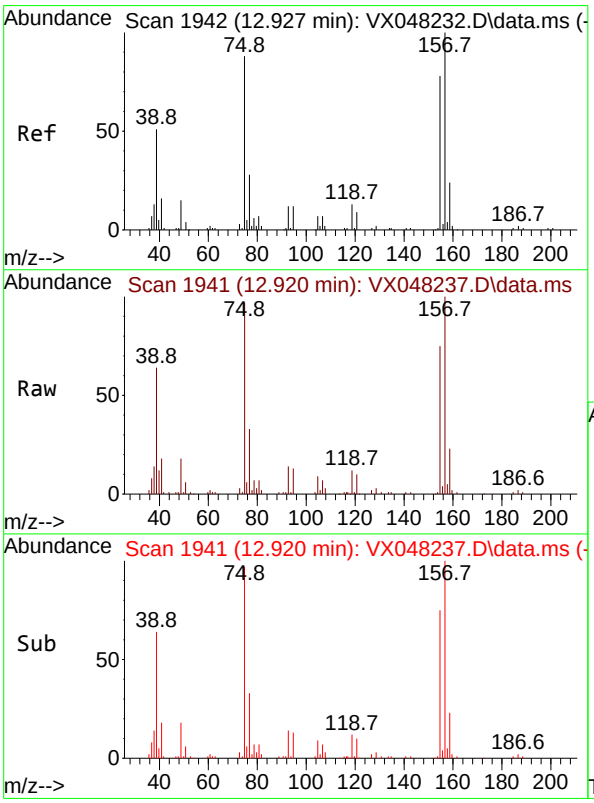
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.8 | 21.9 | 65.5 |
| 148 | 62.8 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

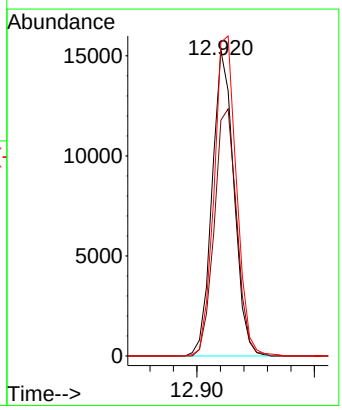
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

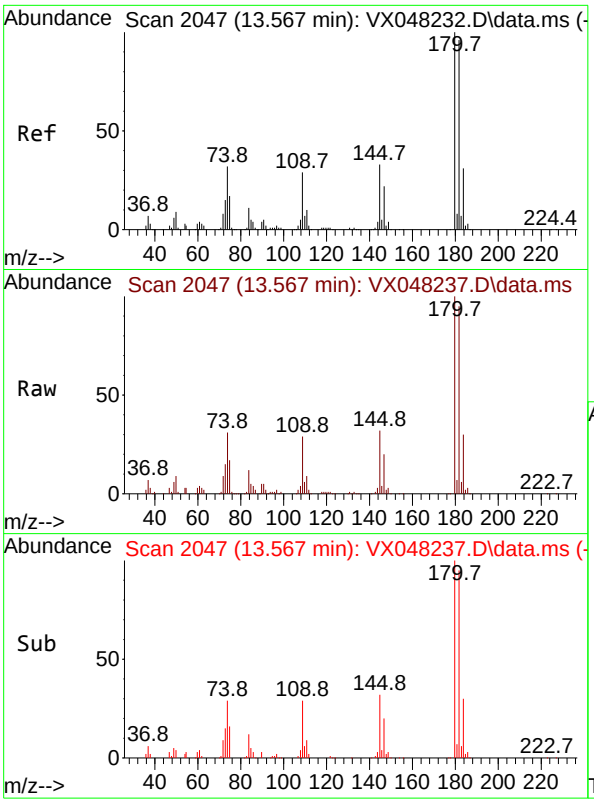



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.072 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 19691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.2 | 42.8 | 128.4 |
| 157 | 107.6 | 54.2 | 162.6 |

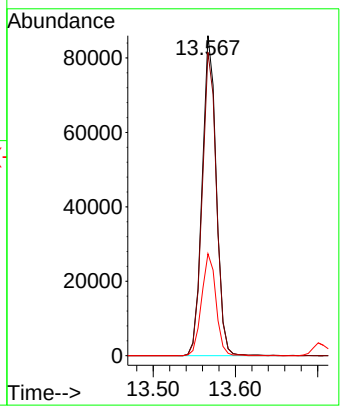





#93
1,2,4-Trichlorobenzene
Concen: 46.941 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:180 Resp: 10198

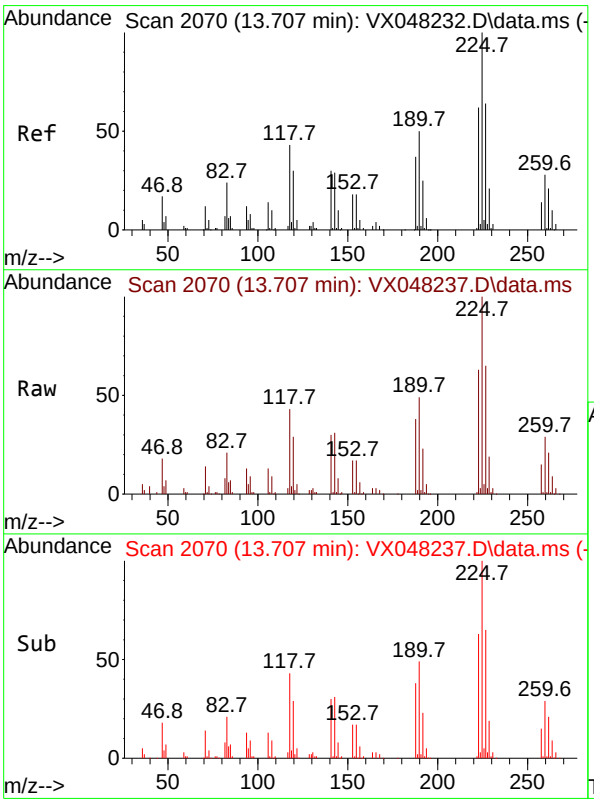
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 47.3 | 142.0 |
| 145 | 32.5 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations APPROVED**

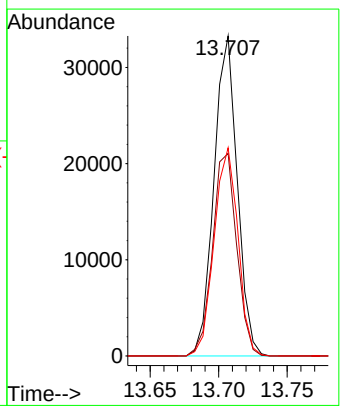
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

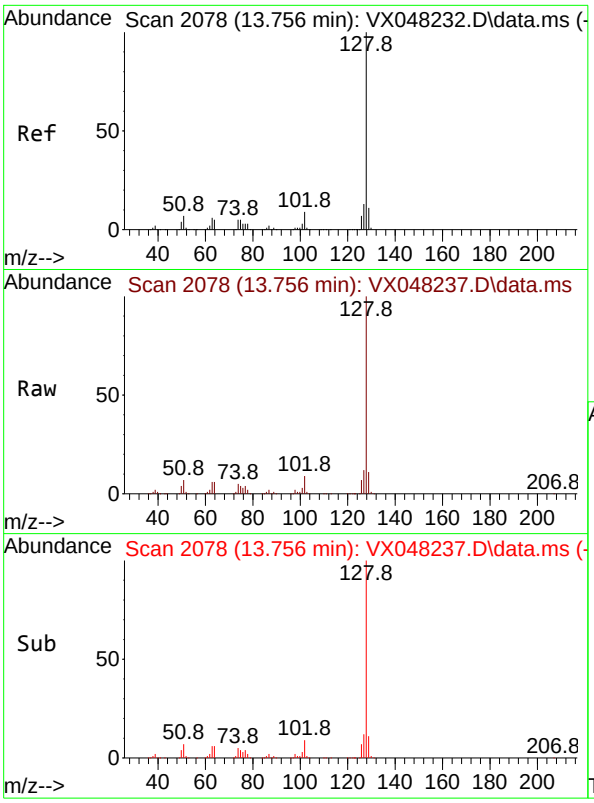



#94
Hexachlorobutadiene
Concen: 48.274 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:225 Resp: 39299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.8 | 32.6 | 97.7 |
| 227 | 66.5 | 32.5 | 97.4 |

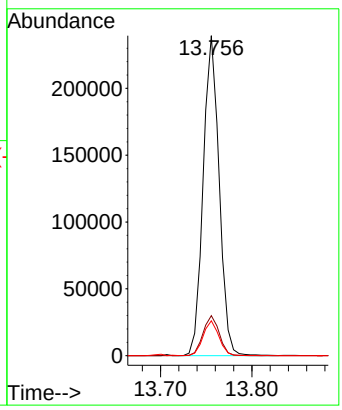





#95
Naphthalene
Concen: 50.362 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:128 Resp: 28988

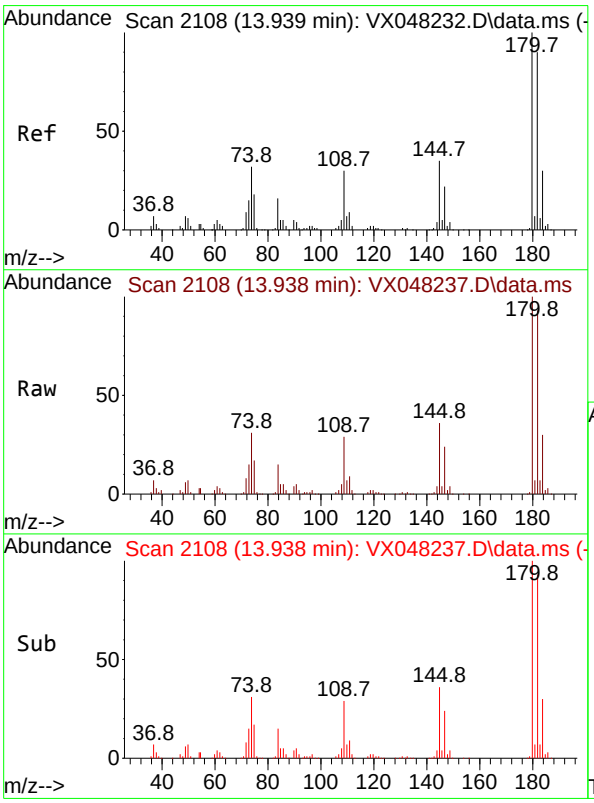
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.7 | 10.2 | 15.4 |
| 129 | 10.8 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

**Manual Integrations**
**APPROVED**

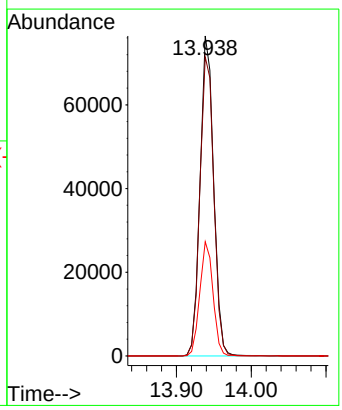
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025




#96
1,2,3-Trichlorobenzene
Concen: 48.223 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:180 Resp: 96139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 46.6 | 139.7 |
| 145 | 34.8 | 16.9 | 50.7 |



# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 116 | -0.01 |
| 2 | T | Dichlorodifluoromethane | 0.514 | 0.528 | -2.7 | 127 | 0.00 |
| 3 | P | Chloromethane | 0.480 | 0.513 | -6.9 | 133 | 0.00 |
| 4 | C | Vinyl Chloride | 0.444 | 0.493 | -11.0# | 138 | 0.00 |
| 5 | T | Bromomethane | 0.302 | 0.331 | -9.6 | 136 | 0.00 |
| 6 | T | Chloroethane | 0.261 | 0.294 | -12.6 | 139 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.852 | 0.890 | -4.5 | 128 | 0.00 |
| 8 | T | Diethyl Ether | 0.240 | 0.258 | -7.5 | 135 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.540 | 0.578 | -7.0 | 134 | 0.00 |
| 10 | T | Methyl Iodide | 0.678 | 0.651 | 4.0 | 114 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.070 | 0.062 | 11.4 | 117 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.525 | 0.546 | -4.0# | 131 | 0.00 |
| 13 | T | Acrolein | 0.071 | 0.071 | 0.0 | 126 | 0.00 |
| 14 | T | Allyl chloride | 0.872 | 0.891 | -2.2 | 129 | 0.00 |
| 15 | T | Acrylonitrile | 0.251 | 0.252 | -0.4 | 122 | 0.00 |
| 16 | T | Acetone | 0.240 | 0.211 | 12.1 | 121 | 0.00 |
| 17 | T | Carbon Disulfide | 1.654 | 1.614 | 2.4 | 130 | 0.00 |
| 18 | T | Methyl Acetate | 0.502 | 0.494 | 1.6 | 123 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.791 | 1.761 | 1.7 | 120 | 0.00 |
| 20 | T | Methylene Chloride | 0.586 | 0.598 | -2.0 | 126 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.577 | 0.587 | -1.7 | 128 | 0.00 |
| 22 | T | Diisopropyl ether | 1.738 | 1.796 | -3.3 | 126 | 0.00 |
| 23 | T | Vinyl Acetate | 1.389 | 1.445 | -4.0 | 125 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.051 | 1.040 | 1.0 | 124 | 0.00 |
| 25 | T | 2-Butanone | 0.304 | 0.290 | 4.6 | 120 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.949 | 0.915 | 3.6 | 121 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.673 | 0.678 | -0.7 | 126 | -0.01 |
| 28 | T | Bromochloromethane | 0.436 | 0.406 | 6.9 | 107 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.182 | 0.177 | 2.7 | 120 | -0.01 |
| 30 | C | Chloroform | 1.123 | 1.088 | 3.1# | 121 | 0.00 |
| 31 | T | Cyclohexane | 0.870 | 0.916 | -5.3 | 130 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.035 | 1.000 | 3.4 | 120 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.701 | 0.641 | 8.6 | 109 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.341 | 0.334 | 2.1 | 115 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.485 | 0.479 | 1.2 | 126 | -0.01 |
| 37 | T | Ethyl Acetate | 0.402 | 0.384 | 4.5 | 119 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.599 | 0.577 | 3.7 | 119 | 0.00 |
| 39 | T | Methylcyclohexane | 0.573 | 0.604 | -5.4 | 127 | 0.00 |
| 40 | TM | Benzene | 1.409 | 1.415 | -0.4 | 124 | 0.00 |
| 41 | T | Methacrylonitrile | 0.211 | 0.213 | -0.9 | 118 | -0.01 |
| 42 | TM | 1,2-Dichloroethane | 0.520 | 0.509 | 2.1 | 116 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.661 | 0.658 | 0.5 | 118 | 0.00 |
| 44 | TM | Trichloroethene | 0.372 | 0.376 | -1.1 | 123 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.335 | 0.342 | -2.1# | 121 | 0.00 |
| 46 | T | Dibromomethane | 0.261 | 0.255 | 2.3 | 118 | 0.00 |
| 47 | T | Bromodichloromethane | 0.563 | 0.546 | 3.0 | 115 | 0.00 |
| 48 | T | Methyl methacrylate | 0.333 | 0.330 | 0.9 | 117 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.004 | 0.004 | 0.0 | 113 | 0.00 |
| 50 | S | Toluene-d8 | 1.196 | 1.158 | 3.2 | 111 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.381 | 0.373 | 2.1 | 113 | 0.00 |
| 52 | CM | Toluene | 0.895 | 0.896 | -0.1# | 118 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.543 | 0.543 | 0.0 | 113 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.586 | 0.585 | 0.2 | 116 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.333 | 0.330 | 0.9 | 117 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.487 | 0.486 | 0.2 | 113 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.568 | 0.560 | 1.4 | 116 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.232 | 0.253 | -9.1 | 111 | 0.00 |
| 59 | T | 2-Hexanone | 0.266 | 0.261 | 1.9 | 112 | 0.00 |
| 60 | T | Dibromochloromethane | 0.447 | 0.425 | 4.9 | 114 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.355 | 0.350 | 1.4 | 116 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.455 | 0.426 | 6.4 | 109 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 109 | 0.00 |
| 64 | T | Tetrachloroethene | 0.373 | 0.363 | 2.7 | 121 | 0.00 |
| 65 | PM | Chlorobenzene | 1.125 | 1.127 | -0.2 | 118 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.413 | 0.405 | 1.9 | 113 | 0.00 |
| 67 | C | Ethyl Benzene | 1.915 | 1.946 | -1.6# | 116 | 0.00 |
| 68 | T | m/p-Xylenes | 0.712 | 0.729 | -2.4 | 116 | 0.00 |
| 69 | T | o-Xylene | 0.687 | 0.693 | -0.9 | 114 | 0.00 |
| 70 | T | Styrene | 1.170 | 1.208 | -3.2 | 115 | 0.00 |
| 71 | P | Bromoform | 0.330 | 0.319 | 3.3 | 113 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 107 | 0.00 |
| 73 | T | Isopropylbenzene | 3.652 | 3.773 | -3.3 | 118 | 0.00 |
| 74 | T | N-amyl acetate | 1.295 | 1.332 | -2.9 | 114 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.997 | 0.996 | 0.1 | 113 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.811 | 0.818 | -0.9 | 119 | 0.00 |
| 77 | T | Bromobenzene | 0.916 | 0.918 | -0.2 | 114 | 0.00 |
| 78 | T | n-propylbenzene | 4.228 | 4.396 | -4.0 | 117 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.564 | 2.603 | -1.5 | 116 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.022 | 3.078 | -1.9 | 115 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.333 | 0.333 | 0.0 | 113 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.043 | 3.074 | -1.0 | 114 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.105 | 3.123 | -0.6 | 115 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.016 | 3.113 | -3.2 | 116 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.736 | 3.828 | -2.5 | 118 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.229 | 3.273 | -1.4 | 117 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.726 | 1.665 | 3.5 | 115 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.788 | 1.696 | 5.1 | 115 | 0.00 |
| 89 | T | n-Butylbenzene | 2.939 | 2.923 | 0.5 | 119 | 0.00 |
| 90 | T | Hexachloroethane | 0.638 | 0.618 | 3.1 | 116 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.621 | 1.592 | 1.8 | 114 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.202 | 0.199 | 1.5 | 109 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.096 | 1.029 | 6.1 | 115 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.507 | 0.397 | 21.7 | 114 | 0.00 |
| 95 | T | Naphthalene | 2.904 | 2.925 | -0.7 | 113 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 1.006 | 0.970 | 3.6 | 114 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 116 | -0.01 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 51.331 | -2.7 | 127 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 53.491 | -7.0 | 133 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 55.441 | -10.9# | 138 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 54.847 | -9.7 | 136 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 56.320 | -12.6 | 139 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 52.209 | -4.4 | 128 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 53.742 | -7.5 | 135 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 53.589 | -7.2 | 134 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 47.994 | 4.0 | 114 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 223.693 | 10.5 | 117 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 52.043 | -4.1# | 131 | 0.00 |
| 13 | T | Acrolein | 250.000 | 249.473 | 0.2 | 126 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 51.099 | -2.2 | 129 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 250.900 | -0.4 | 122 | 0.00 |
| 16 | T | Acetone | 250.000 | 219.789 | 12.1 | 121 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 48.792 | 2.4 | 130 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 49.190 | 1.6 | 123 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 49.162 | 1.7 | 120 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 51.066 | -2.1 | 126 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 50.932 | -1.9 | 128 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 51.665 | -3.3 | 126 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 260.168 | -4.1 | 125 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 49.490 | 1.0 | 124 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 238.354 | 4.7 | 120 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 48.230 | 3.5 | 121 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 50.350 | -0.7 | 126 | -0.01 |
| 28 | T | Bromochloromethane | 50.000 | 46.587 | 6.8 | 107 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 242.572 | 3.0 | 120 | -0.01 |
| 30 | C | Chloroform | 50.000 | 48.427 | 3.1# | 121 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 52.646 | -5.3 | 130 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 48.309 | 3.4 | 120 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 45.687 | 8.6 | 109 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 114 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 48.951 | 2.1 | 115 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 49.344 | 1.3 | 126 | -0.01 |
| 37 | T | Ethyl Acetate | 50.000 | 47.684 | 4.6 | 119 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 48.228 | 3.5 | 119 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 52.670 | -5.3 | 127 | 0.00 |
| 40 | TM | Benzene | 50.000 | 50.241 | -0.5 | 124 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 50.358 | -0.7 | 118 | -0.01 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 48.963 | 2.1 | 116 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 49.816 | 0.4 | 118 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 50.582 | -1.2 | 123 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.994 | -2.0# | 121 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 48.913 | 2.2 | 118 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 48.459 | 3.1 | 115 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 49.519 | 1.0 | 117 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1000.197 | -0.0 | 113 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 48.386 | 3.2 | 111 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 244.897 | 2.0 | 113 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.088 | -0.2# | 118 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 50.004 | -0.0 | 113 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 49.944 | 0.1 | 116 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 49.597 | 0.8 | 117 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 49.964 | 0.1 | 113 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 49.226 | 1.5 | 116 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 242.124 | 3.2 | 111 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 246.102 | 1.6 | 112 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 47.530 | 4.9 | 114 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 49.319 | 1.4 | 116 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 46.795 | 6.4 | 109 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 109 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 48.686 | 2.6 | 121 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.095 | -0.2 | 118 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 49.014 | 2.0 | 113 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 50.798 | -1.6# | 116 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 102.416 | -2.4 | 116 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 50.424 | -0.8 | 114 | 0.00 |
| 70 | T | Styrene | 50.000 | 51.651 | -3.3 | 115 | 0.00 |
| 71 | P | Bromoform | 50.000 | 48.250 | 3.5 | 113 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 107 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.658 | -3.3 | 118 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 51.399 | -2.8 | 114 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 49.936 | 0.1 | 113 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 50.456 | -0.9 | 119 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 50.135 | -0.3 | 114 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 51.980 | -4.0 | 117 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 50.760 | -1.5 | 116 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 50.918 | -1.8 | 115 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 49.995 | 0.0 | 113 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 50.507 | -1.0 | 114 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 50.288 | -0.6 | 115 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 51.607 | -3.2 | 116 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 51.230 | -2.5 | 118 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 50.686 | -1.4 | 117 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 48.229 | 3.5 | 115 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 47.423 | 5.2 | 115 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 49.728 | 0.5 | 119 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 48.437 | 3.1 | 116 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 49.123 | 1.8 | 114 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 49.072 | 1.9 | 109 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 46.941 | 6.1 | 115 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 48.274 | 3.5 | 114 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 50.362 | -0.7 | 113 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 48.223 | 3.6 | 114 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_X | Calibration Date/Time: 10/22/2025 08:37

Lab File ID: VX048280.D | Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 10:59 13:49

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Vinyl Chloride | 0.444 | 0.420 | | -5.41 | 20 |
| 1,1-Dichloroethene | 0.525 | 0.556 | | 5.91 | 20 |
| 2-Butanone | 0.304 | 0.297 | | -2.3 | 20 |
| Carbon Tetrachloride | 0.599 | 0.685 | | 14.36 | 20 |
| Chloroform | 1.123 | 1.158 | | 3.12 | 20 |
| Benzene | 1.409 | 1.476 | | 4.76 | 20 |
| 1,2-Dichloroethane | 0.520 | 0.586 | | 12.69 | 20 |
| Trichloroethene | 0.372 | 0.403 | | 8.33 | 20 |
| Tetrachloroethene | 0.373 | 0.399 | | 6.97 | 20 |
| Chlorobenzene | 1.125 | 1.207 | 0.3 | 7.29 | 20 |
| 1,2-Dichloroethane-d4 | 0.701 | 0.677 | | -3.42 | 20 |
| Dibromofluoromethane | 0.341 | 0.353 | | 3.52 | 20 |
| Toluene-d8 | 1.196 | 1.188 | | -0.67 | 20 |
| 4-Bromofluorobenzene | 0.455 | 0.440 | | -3.3 | 20 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 112883 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.739 | 114 | 171616 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 151325 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.000 | 152 | 76595 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 76366 | 48.250 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 96.500% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 60534 | 51.667 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 103.340% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 203851 | 49.640 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.280% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 75540 | 48.352 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 96.700% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 65265 | 56.241 | ug/l | 99 |
| 3) Chloromethane | 1.300 | 50 | 49425 | 45.630 | ug/l | 99 |
| 4) Vinyl Chloride | 1.380 | 62 | 47382 | 47.239 | ug/l | 100 |
| 5) Bromomethane | 1.611 | 94 | 33539 | 49.271 | ug/l | 97 |
| 6) Chloroethane | 1.691 | 64 | 28903 | 49.038 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 107357 | 55.808 | ug/l | 97 |
| 8) Diethyl Ether | 2.136 | 74 | 26023 | 48.077 | ug/l | 83 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 68490 | 56.225 | ug/l | 96 |
| 10) Methyl Iodide | 2.453 | 142 | 87087 | 56.868 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.940 | 59 | 35785 | 227.724 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.319 | 96 | 62744 | 52.943 | ug/l | 94 |
| 13) Acrolein | 2.233 | 56 | 48081 | 300.005 | ug/l | 99 |
| 14) Allyl chloride | 2.660 | 41 | 94077 | 47.813 | ug/l | 91 |
| 15) Acrylonitrile | 3.050 | 53 | 131715 | 232.450 | ug/l | 98 |
| 16) Acetone | 2.373 | 43 | 154383 | 284.337 | ug/l | 99 |
| 17) Carbon Disulfide | 2.514 | 76 | 177992 | 47.654 | ug/l | 99 |
| 18) Methyl Acetate | 2.697 | 43 | 51668 | 45.566 | ug/l | 93 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 209570 | 51.835 | ug/l | 93 |
| 20) Methylene Chloride | 2.788 | 84 | 68678 | 51.912 | ug/l | 88 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 68104 | 52.315 | ug/l | 99 |
| 22) Diisopropyl ether | 3.745 | 45 | 196556 | 50.085 | ug/l # | 96 |
| 23) Vinyl Acetate | 3.709 | 43 | 777072 | 247.880 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 3.599 | 63 | 120039 | 50.586 | ug/l | 100 |
| 25) 2-Butanone | 4.532 | 43 | 167713 | 244.037 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.458 | 77 | 115554 | 53.950 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.471 | 96 | 77266 | 50.857 | ug/l | 100 |
| 28) Bromochloromethane | 4.879 | 49 | 50491 | 51.316 | ug/l # | 80 |
| 29) Tetrahydrofuran | 4.983 | 42 | 90001 | 218.666 | ug/l | 91 |
| 30) Chloroform | 5.074 | 83 | 130715 | 51.559 | ug/l | 94 |
| 31) Cyclohexane | 5.452 | 56 | 98916 | 50.349 | ug/l | 86 |
| 32) 1,1,1-Trichloroethane | 5.361 | 97 | 128292 | 54.907 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 5.672 | 75 | 89311 | 53.632 | ug/l | 99 |
| 37) Ethyl Acetate | 4.696 | 43 | 64504 | 46.733 | ug/l | 95 |
| 38) Carbon Tetrachloride | 5.659 | 117 | 117550 | 57.216 | ug/l | 96 |
| 39) Methylcyclohexane | 7.360 | 83 | 108726 | 55.285 | ug/l | 93 |
| 40) Benzene | 6.013 | 78 | 253259 | 52.383 | ug/l | 96 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.897 | 41 | 35771 | 49.349 | ug/l | | 93 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 100501 | 56.333 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.312 | 43 | 108948 | 48.053 | ug/l | # | 95 |
| 44) Trichloroethene | 7.104 | 130 | 69227 | 54.227 | ug/l | | 95 |
| 45) 1,2-Dichloropropane | 7.409 | 63 | 59904 | 52.114 | ug/l | | 97 |
| 46) Dibromomethane | 7.562 | 93 | 47300 | 52.817 | ug/l | | 93 |
| 47) Bromodichloromethane | 7.799 | 83 | 106527 | 55.092 | ug/l | | 96 |
| 48) Methyl methacrylate | 7.671 | 41 | 56901 | 49.735 | ug/l | | 94 |
| 49) 1,4-Dioxane | 7.641 | 88 | 14380 | 951.387 | ug/l | | 92 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 310242 | 237.329 | ug/l | | 94 |
| 52) Toluene | 8.702 | 92 | 163729 | 53.307 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.958 | 75 | 101924 | 54.699 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 107258 | 53.352 | ug/l | | 94 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 59586 | 52.167 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.098 | 69 | 84986 | 50.869 | ug/l | | 95 |
| 57) 1,3-Dichloropropane | 9.287 | 76 | 101491 | 52.019 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.220 | 63 | 229383 | 255.311 | ug/l | | 94 |
| 59) 2-Hexanone | 9.409 | 43 | 240369 | 263.703 | ug/l | | 95 |
| 60) Dibromochloromethane | 9.500 | 129 | 80645 | 52.530 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 64007 | 52.565 | ug/l | | 96 |
| 64) Tetrachloroethene | 9.256 | 164 | 60402 | 53.469 | ug/l | | 95 |
| 65) Chlorobenzene | 10.061 | 112 | 182674 | 53.663 | ug/l | | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 68462 | 54.756 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 314516 | 54.267 | ug/l | | 96 |
| 68) m/p-Xylenes | 10.281 | 106 | 236784 | 109.959 | ug/l | | 98 |
| 69) o-Xylene | 10.622 | 106 | 113014 | 54.361 | ug/l | | 100 |
| 70) Styrene | 10.634 | 104 | 197941 | 55.916 | ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 53116 | 53.153 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.945 | 105 | 304903 | 54.500 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 96095 | 48.424 | ug/l | | 94 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 75307 | 49.292 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 63201m | 50.882 | ug/l | | |
| 77) Bromobenzene | 11.177 | 156 | 75059 | 53.507 | ug/l | | 93 |
| 78) n-propylbenzene | 11.286 | 91 | 356264 | 55.000 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 212434 | 54.093 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 253794 | 54.818 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 25680 | 50.299 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 250734 | 53.783 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.695 | 119 | 254160 | 53.430 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 252256 | 54.596 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 309120 | 54.013 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 269139 | 54.408 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 137722 | 52.079 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.018 | 146 | 139405 | 50.886 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 235632 | 52.334 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 49234 | 50.400 | ug/l | | 92 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 129743 | 52.256 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 15838 | 51.071 | ug/l | | 96 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 85647 | 51.009 | ug/l | | 97 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 34001 | 54.034 | ug/l | | 99 |
| 95) Naphthalene | 13.756 | 128 | 226945 | 51.017 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.938 | 180 | 78971 | 51.255 | ug/l | | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| 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\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
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Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
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**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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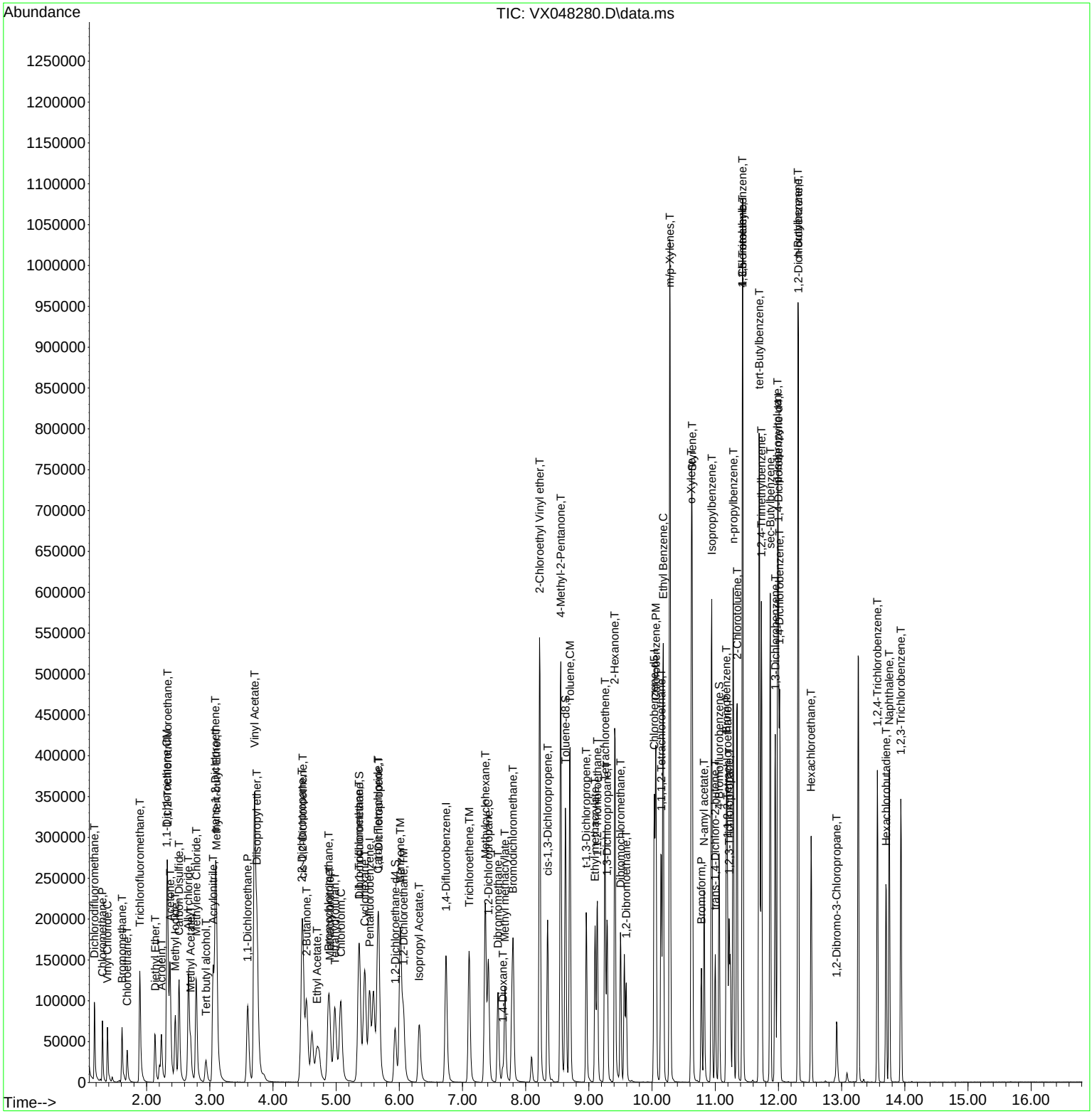
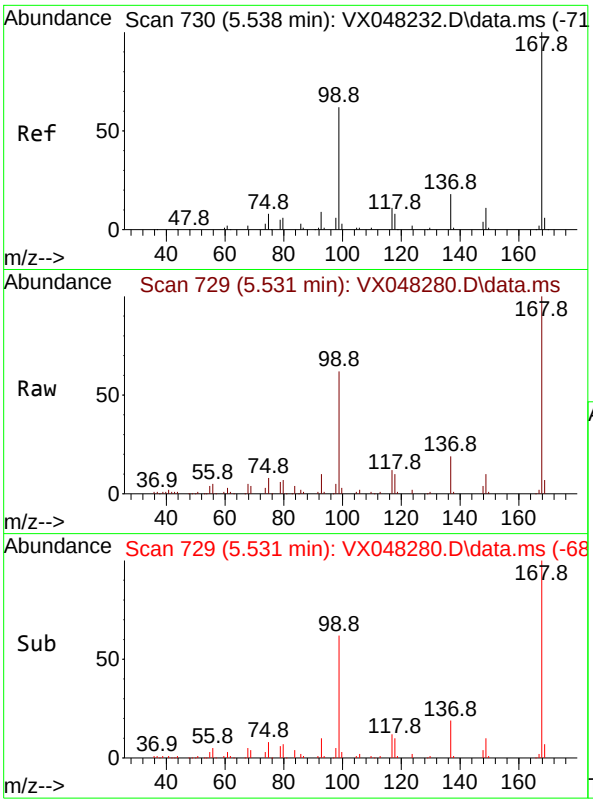
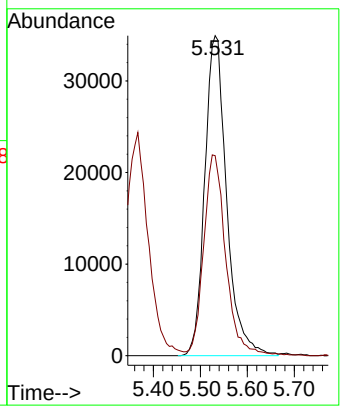





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:168 Resp: 11288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 62.0 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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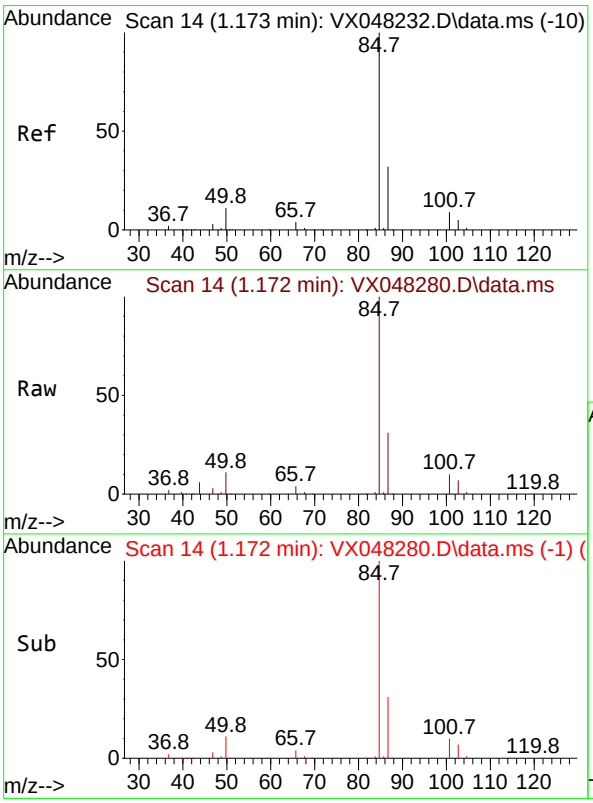
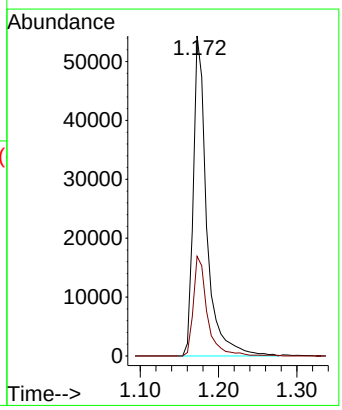
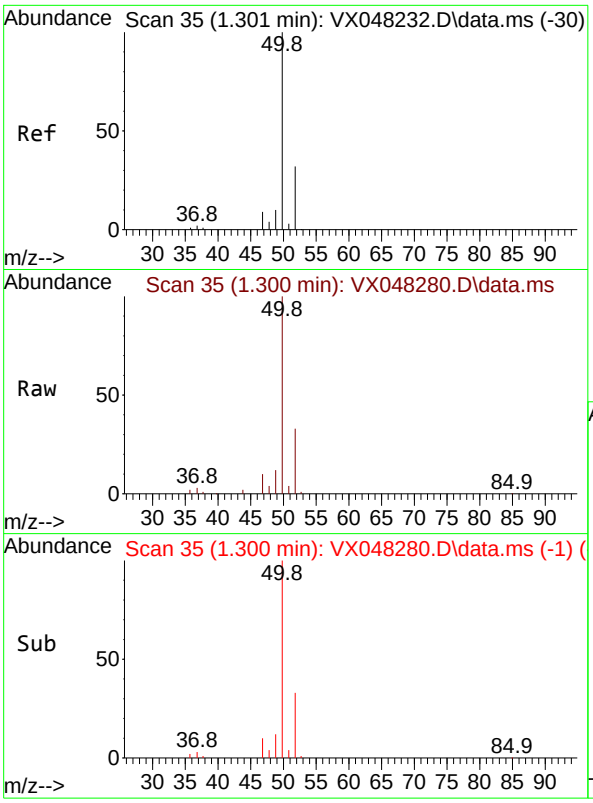



#2
Dichlorodifluoromethane
Concen: 56.241 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 85 Resp: 65265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.2 | 15.3 | 45.9 |

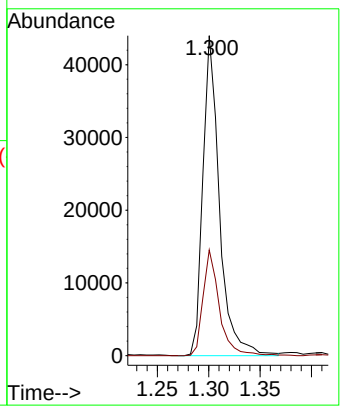





#3
Chloromethane
Concen: 45.630 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 50 Resp: 4942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.0 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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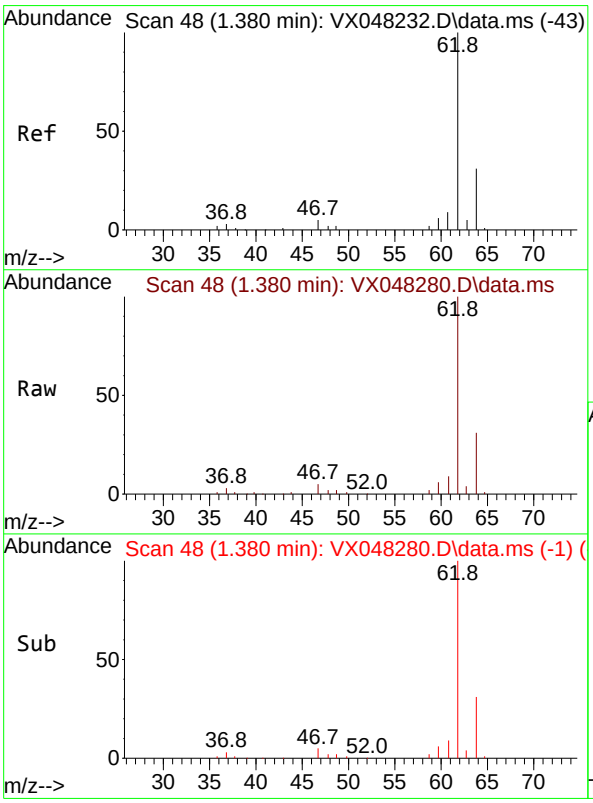
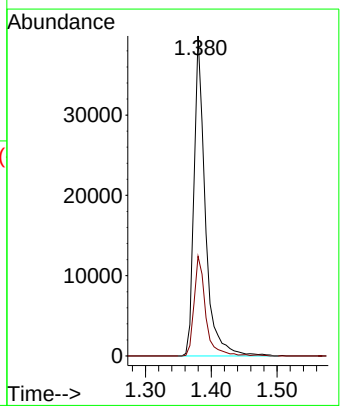
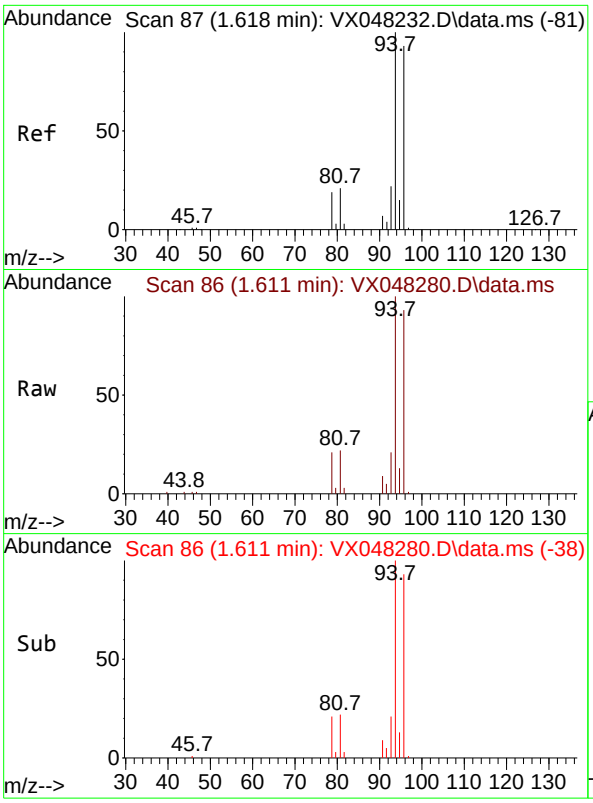



#4
Vinyl Chloride
Concen: 47.239 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 62 Resp: 47382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.2 | 25.1 | 37.7 |

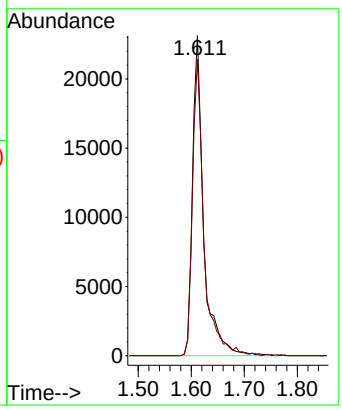





#5
Bromomethane
Concen: 49.271 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 94 Resp: 3353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.5 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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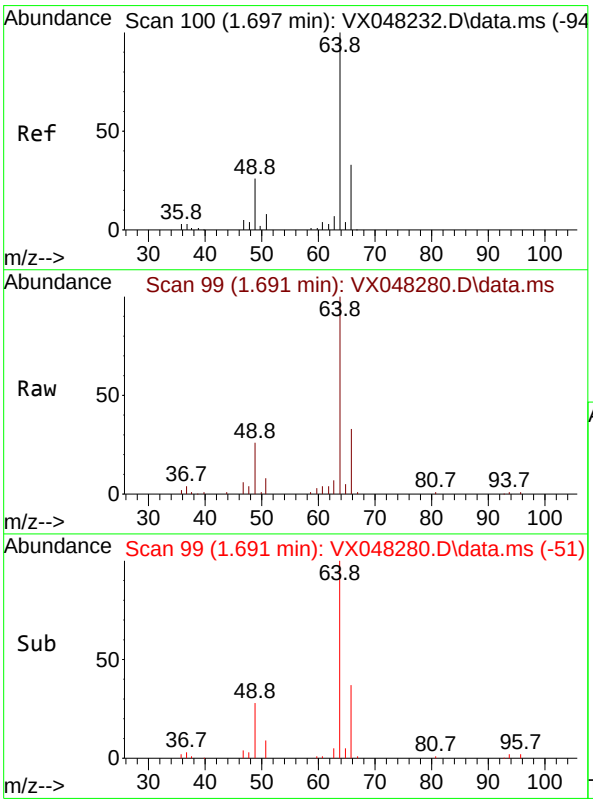
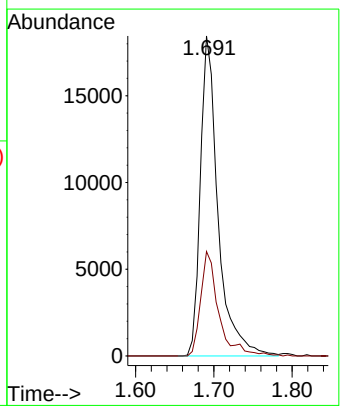
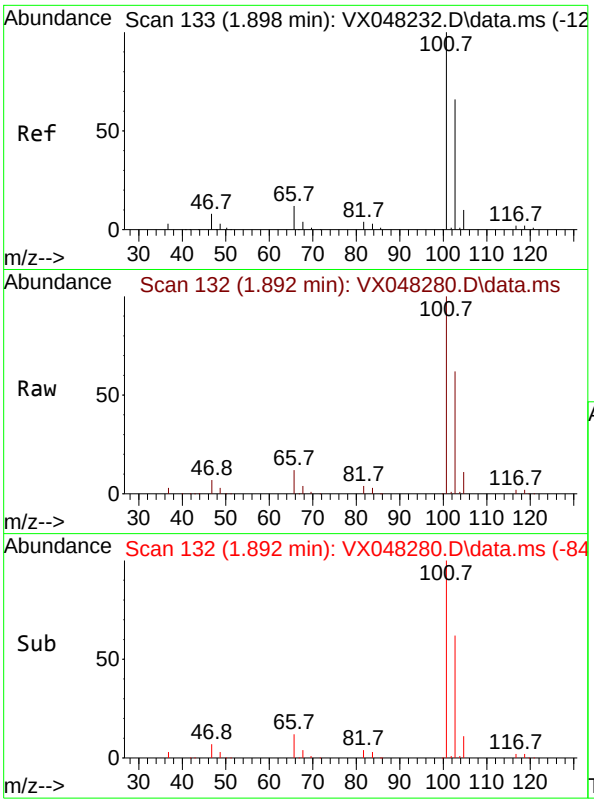



#6
Chloroethane
Concen: 49.038 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 64 Resp: 28903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.7 | 23.9 | 35.9 |

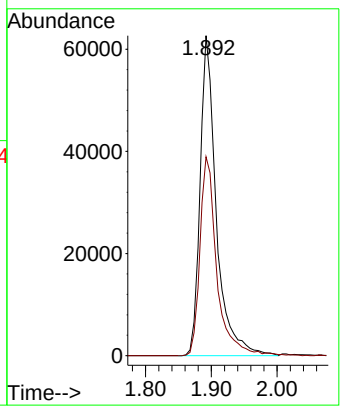





#7
Trichlorofluoromethane
Concen: 55.808 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:101 Resp: 10735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.2 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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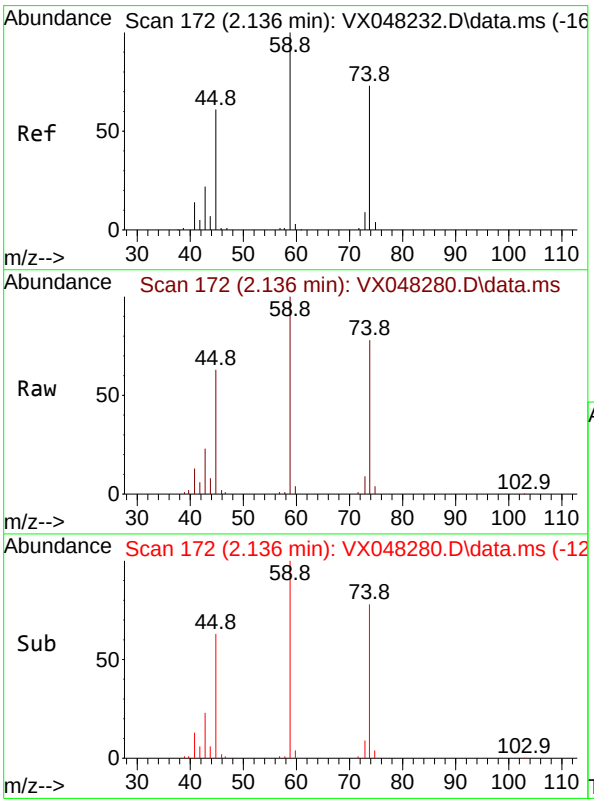
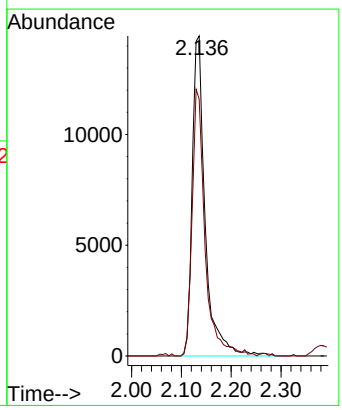
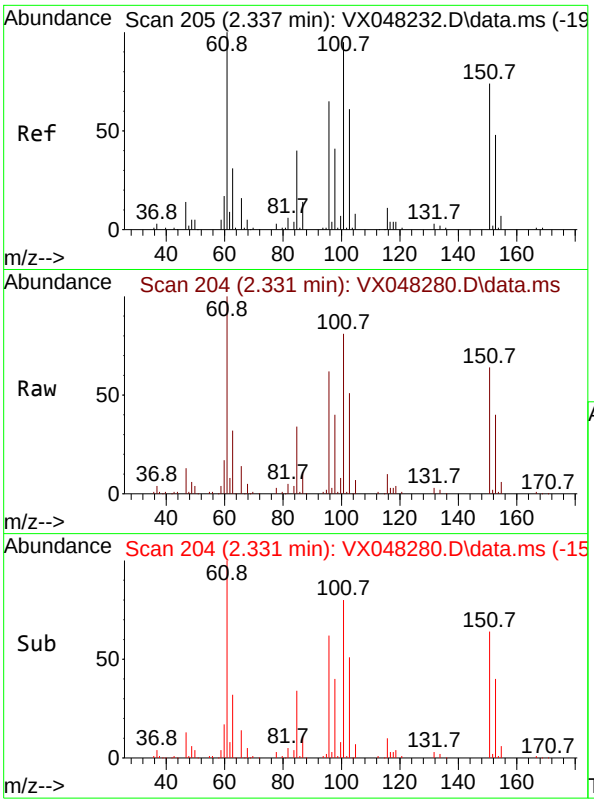



#8
Diethyl Ether
Concen: 48.077 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 74 Resp: 26023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 83.1 | 50.0 | 149.8 |

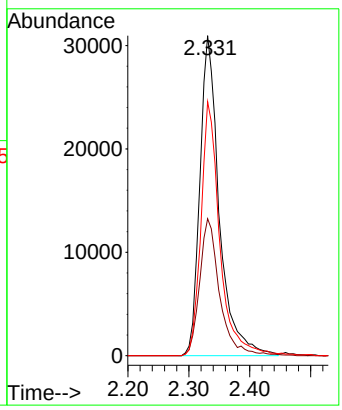





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.225 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:101 Resp: 6849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.2 | 35.6 | 53.4 |
| 151 | 77.3 | 58.0 | 87.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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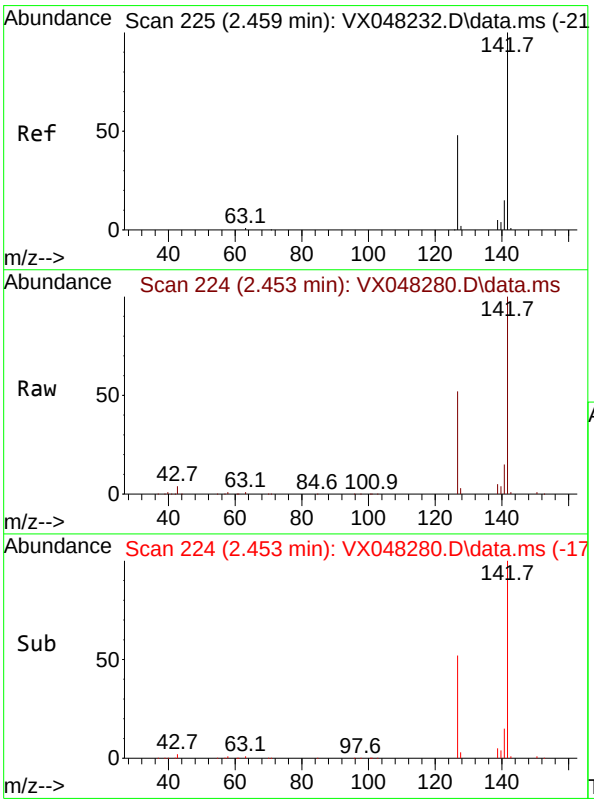
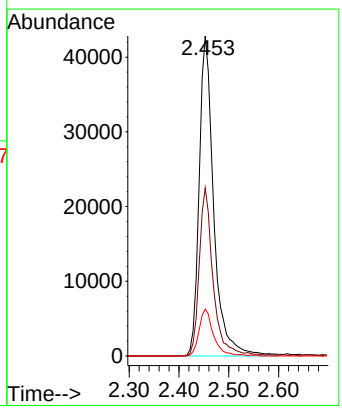
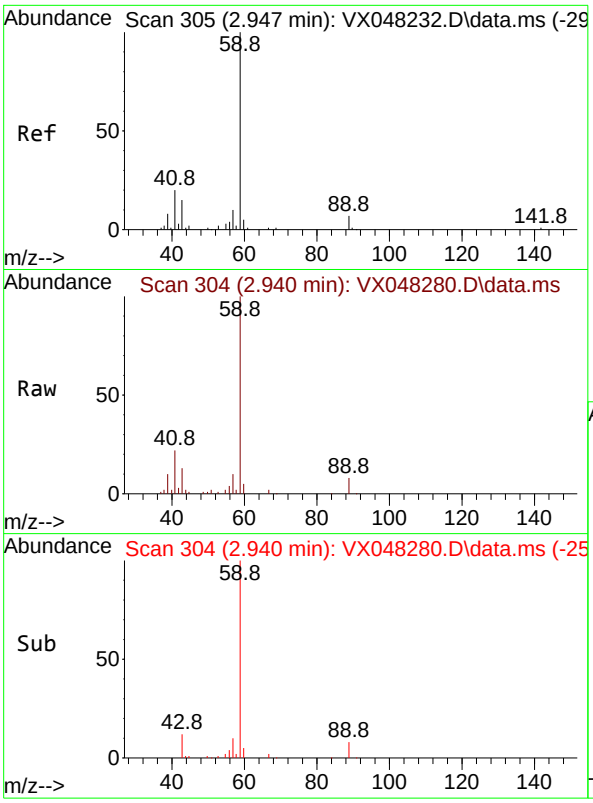



#10
Methyl Iodide
Concen: 56.868 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:142 Resp: 87087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 49.9 | 38.5 | 57.7 |
| 141 | 14.4 | 11.6 | 17.4 |






#11
Tert butyl alcohol
Concen: 227.724 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 59 Resp: 3578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 8.2 | 12.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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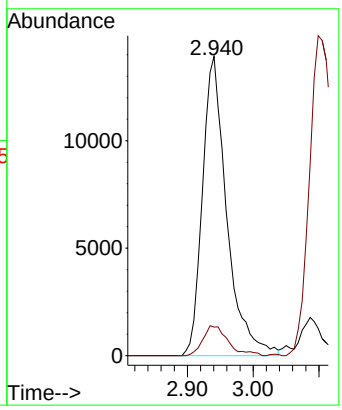
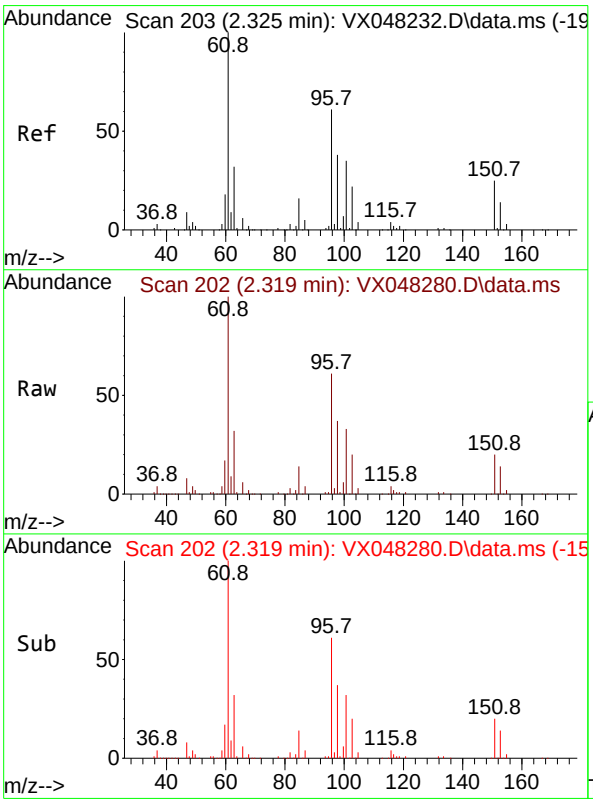
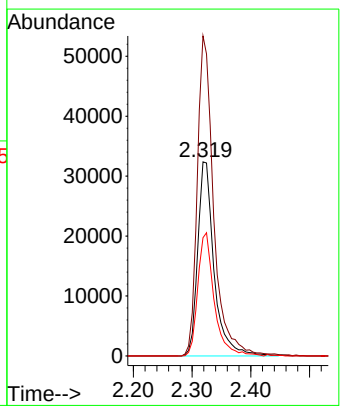


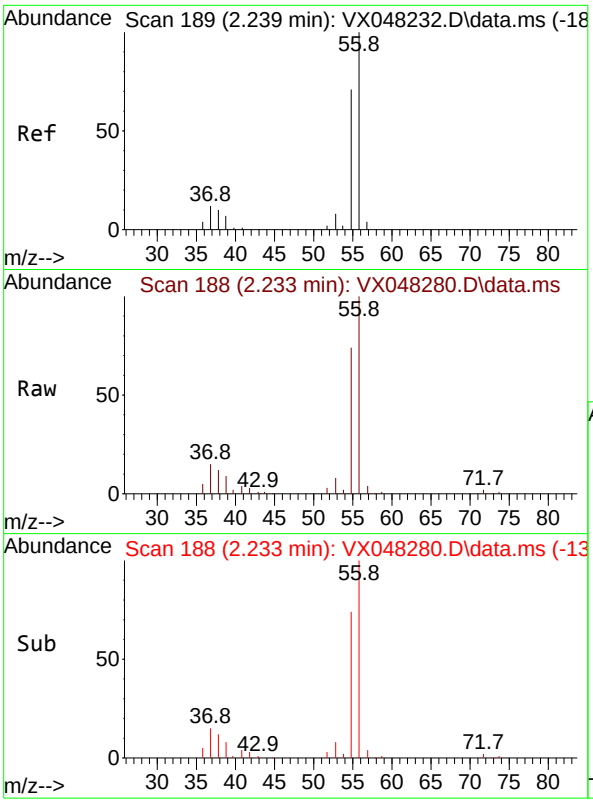




#12
1,1-Dichloroethene
Concen: 52.943 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 96 Resp: 62744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.9 | 139.0 | 208.6 |
| 98 | 63.0 | 52.4 | 78.6 |

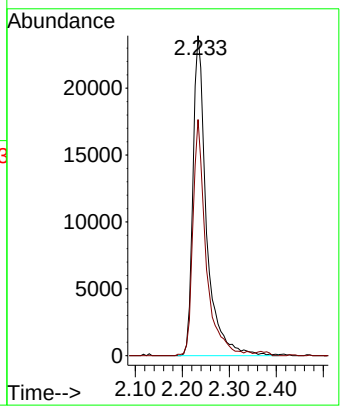





#13
Acrolein
Concen: 300.005 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 56 Resp: 4808

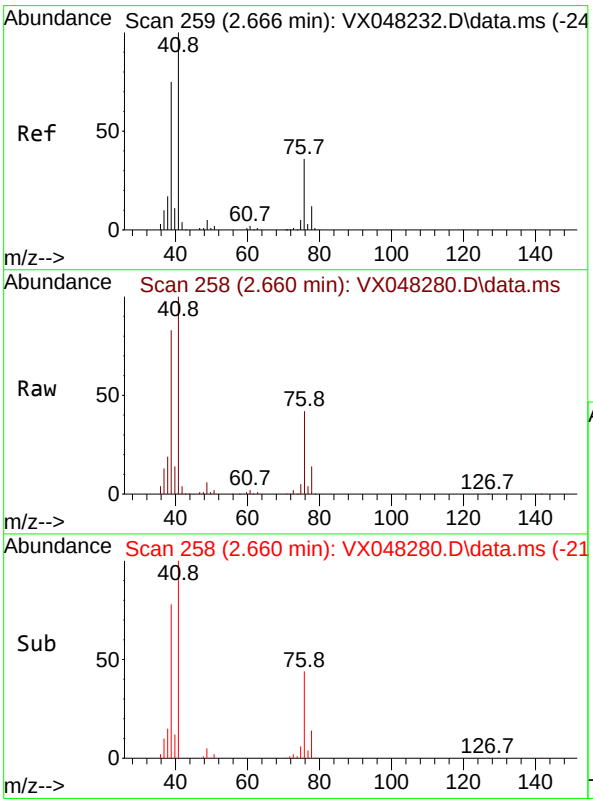
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.2 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

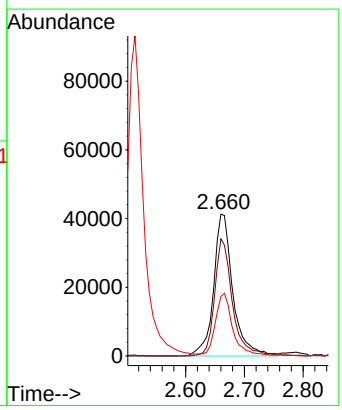
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

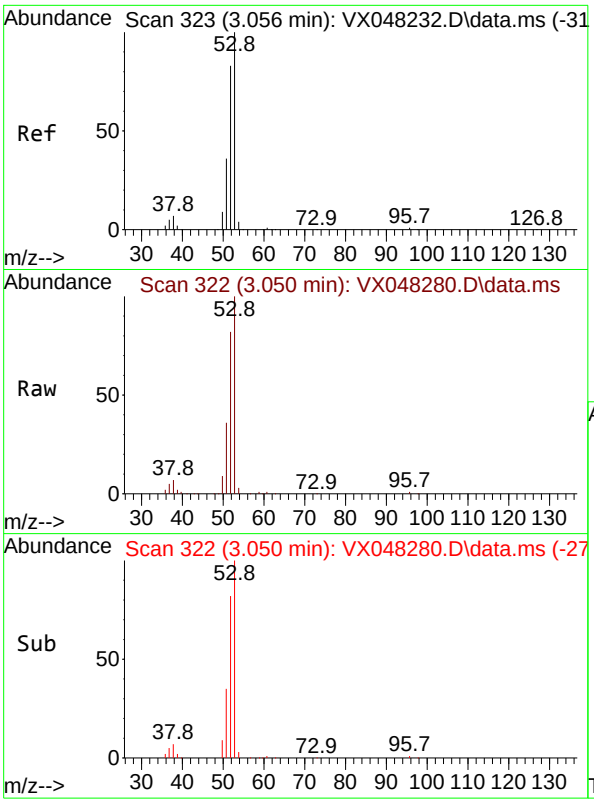



#14
Allyl chloride
Concen: 47.813 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 41 Resp: 94077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 76.3 | 56.0 | 84.0 |
| 76 | 40.4 | 27.5 | 41.3 |






#15
Acrylonitrile
Concen: 232.450 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 53 Resp: 13171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.7 | 66.1 | 99.1 |
| 51 | 38.2 | 29.0 | 43.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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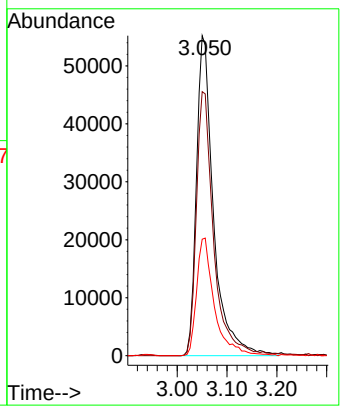
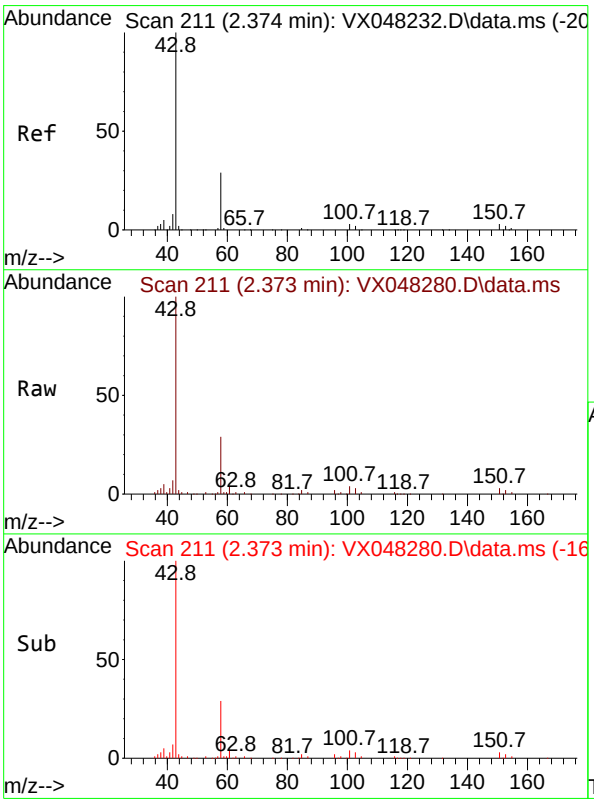
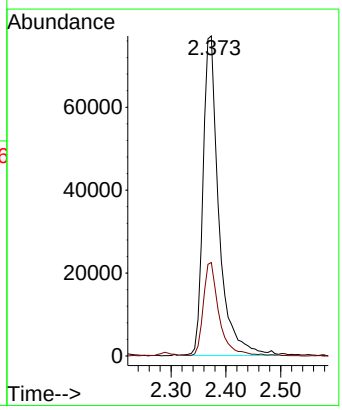


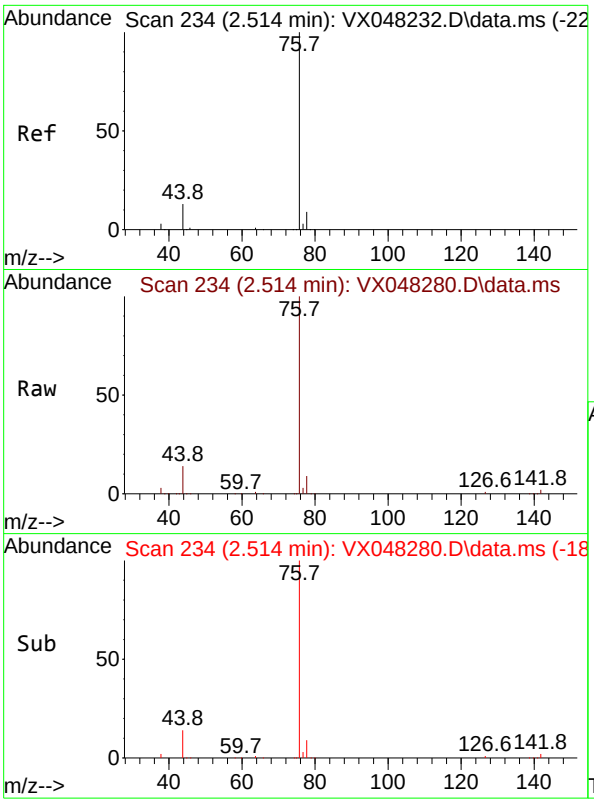




#16
Acetone
Concen: 284.337 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 154383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.0 | 23.4 | 35.2 |

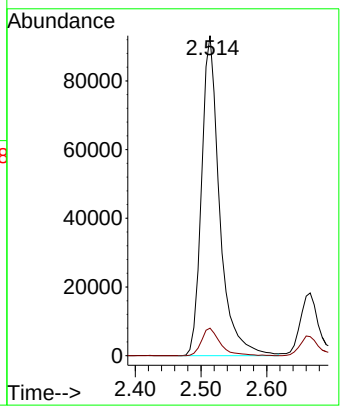





#17
Carbon Disulfide
Concen: 47.654 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 76 Resp: 17799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.6 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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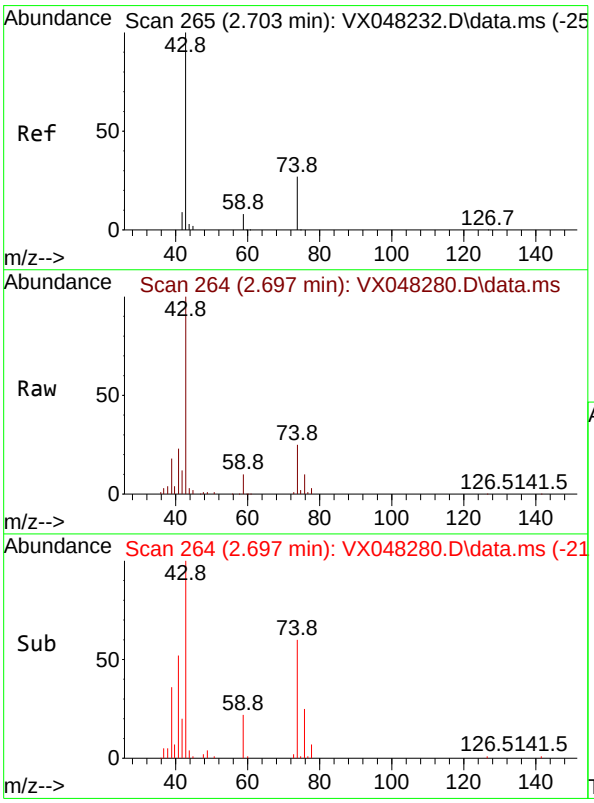
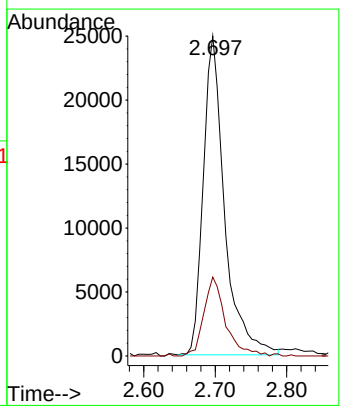
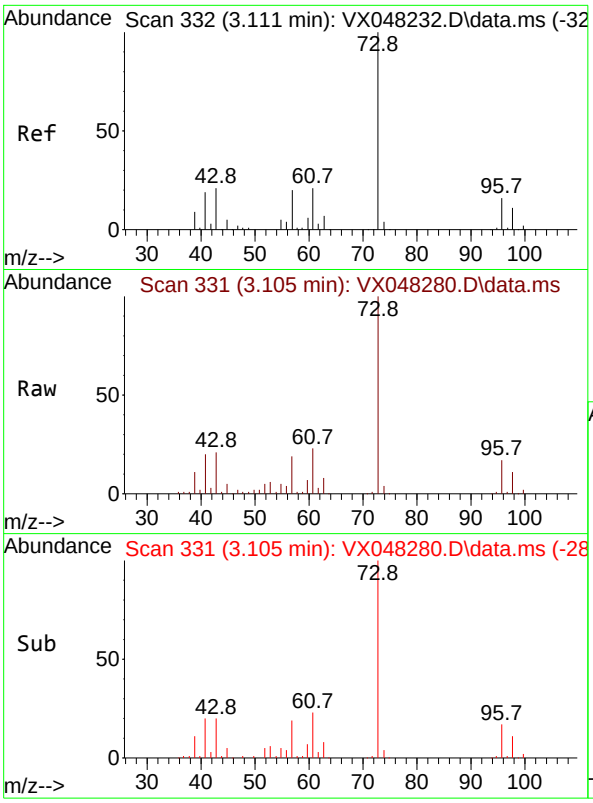



#18
Methyl Acetate
Concen: 45.566 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 51668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.0 | 17.5 | 26.3 |

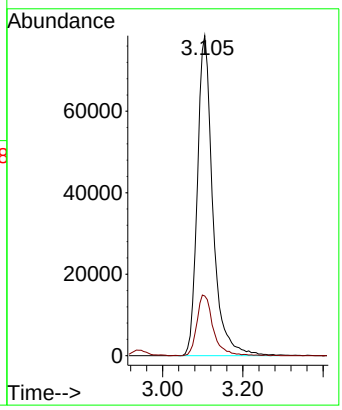





#19
Methyl tert-butyl Ether
Concen: 51.835 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 73 Resp: 20957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 18.6 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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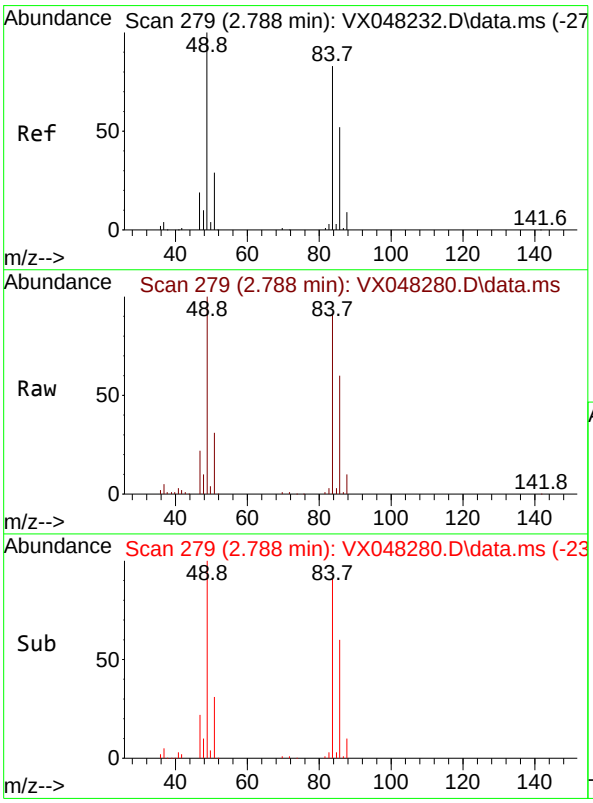
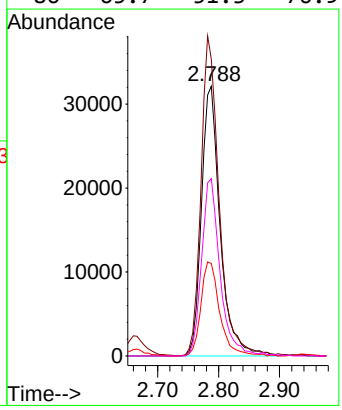
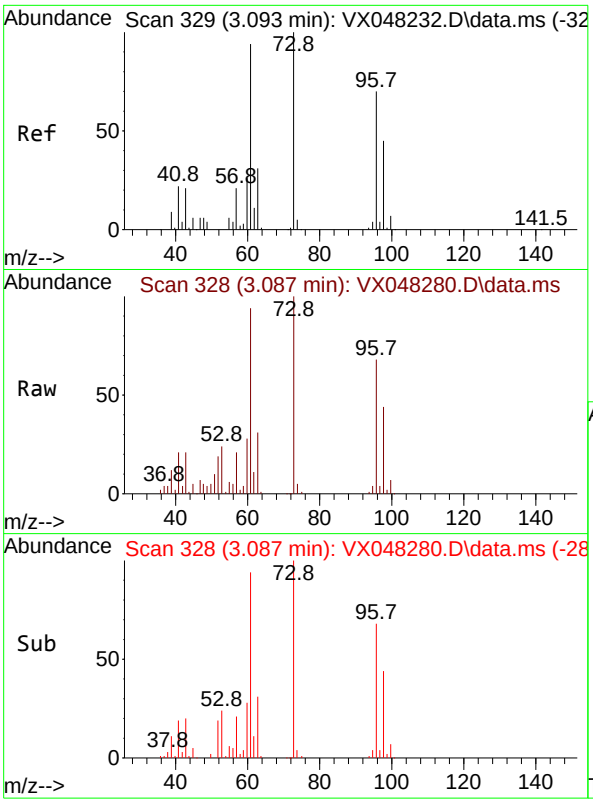



#20
Methylene Chloride
Concen: 51.912 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 84 Resp: 68678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 109.8 | 104.1 | 156.1 |
| 51 | 34.3 | 31.3 | 46.9 |
| 86 | 65.7 | 51.3 | 76.9 |

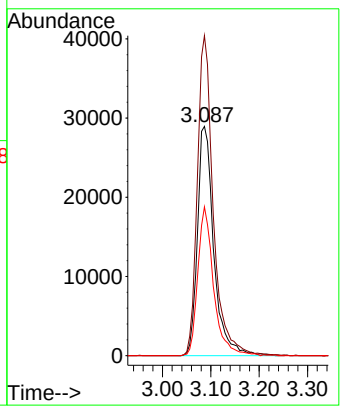





#21
trans-1,2-Dichloroethene
Concen: 52.315 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 96 Resp: 6810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.6 | 111.9 | 167.9 |
| 98 | 64.9 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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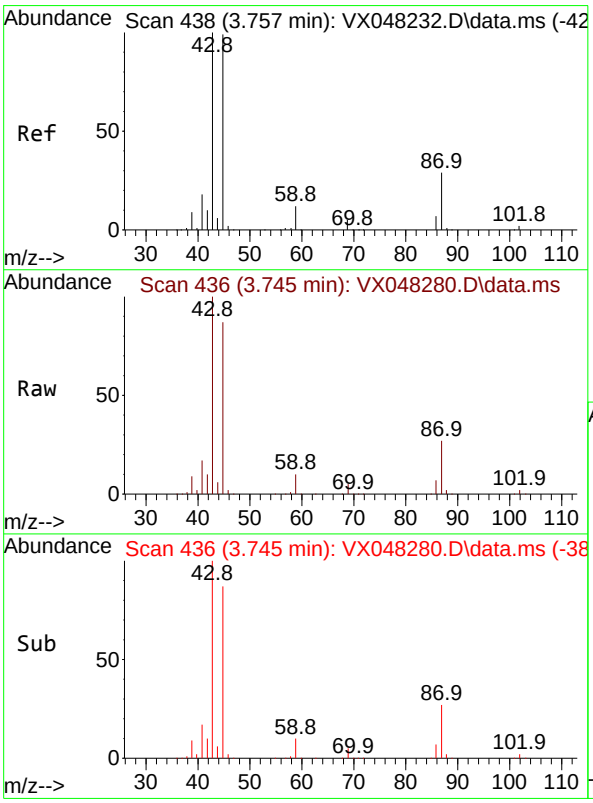
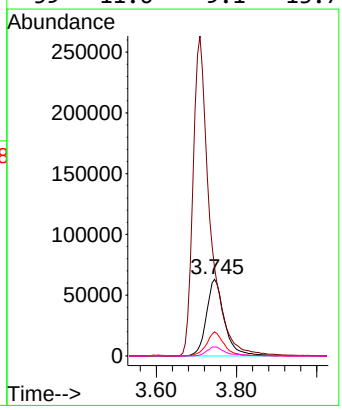
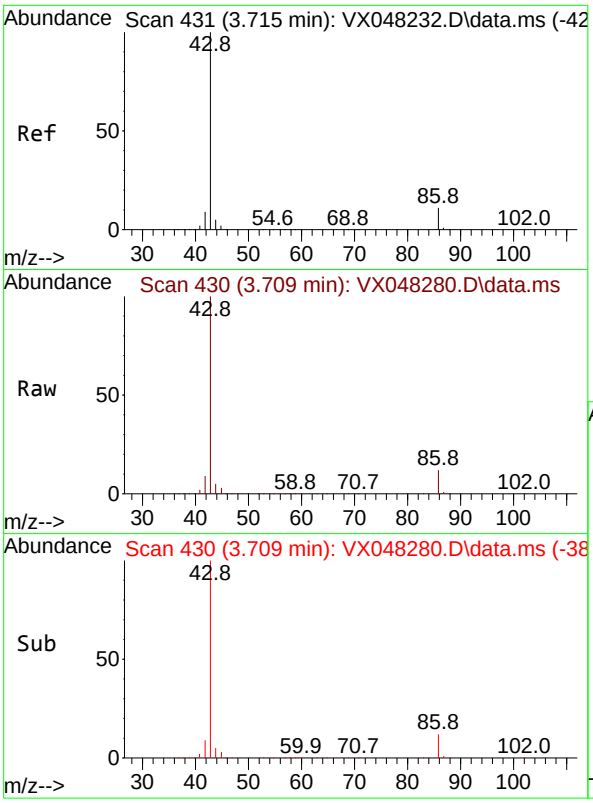



#22
Diisopropyl ether
Concen: 50.085 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 45 Resp: 196556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 115.1 | 89.8 | 134.8 |
| 87 | 31.6 | 20.6 | 31.0# |
| 59 | 11.6 | 9.1 | 13.7 |

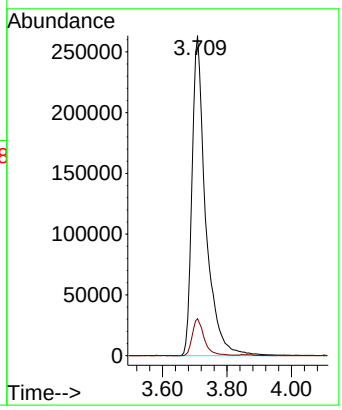





#23
Vinyl Acetate
Concen: 247.880 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 77707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.6 | 7.9 | 11.9 |




**Instrument :**
MSVOA_X
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VSTDCCC050

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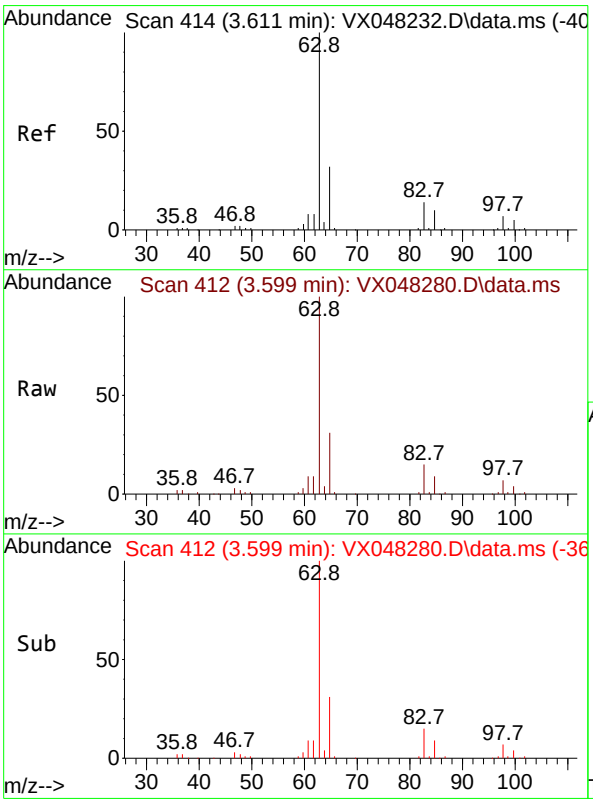
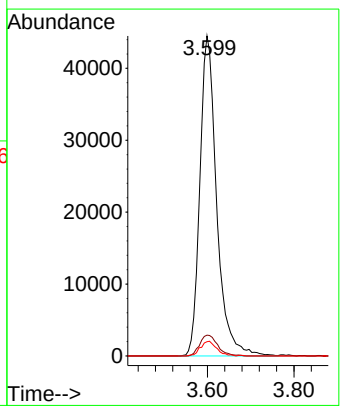
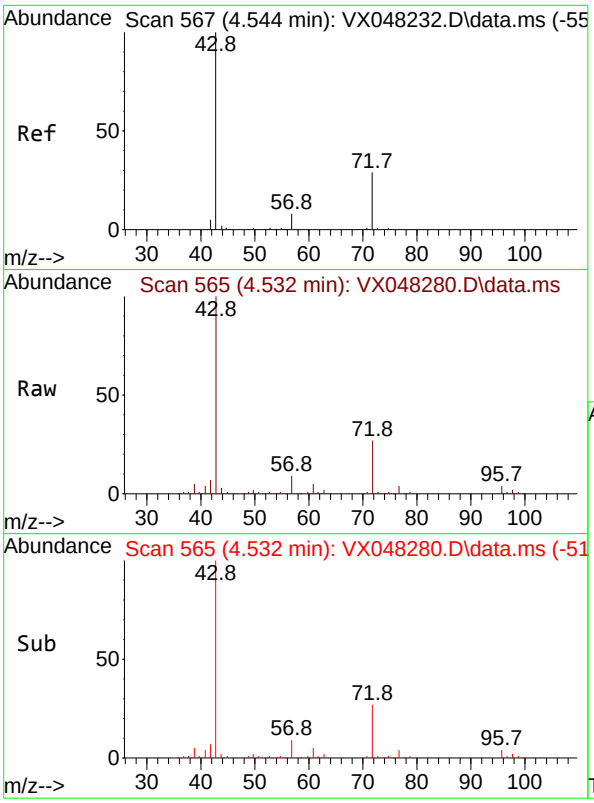



#24
1,1-Dichloroethane
Concen: 50.586 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 63 Resp: 120039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 3.5 | 10.6 |
| 100 | 4.5 | 2.1 | 6.3 |






#25
2-Butanone
Concen: 244.037 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 16771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.5 | 19.9 | 29.9 |

**Instrument :**
MSVOA_X
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VSTDCCC050

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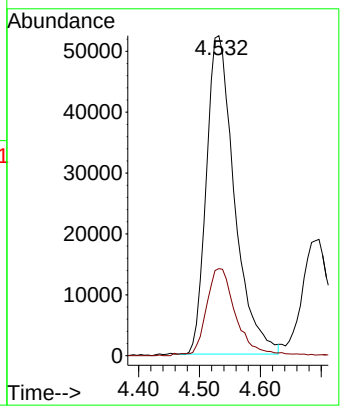
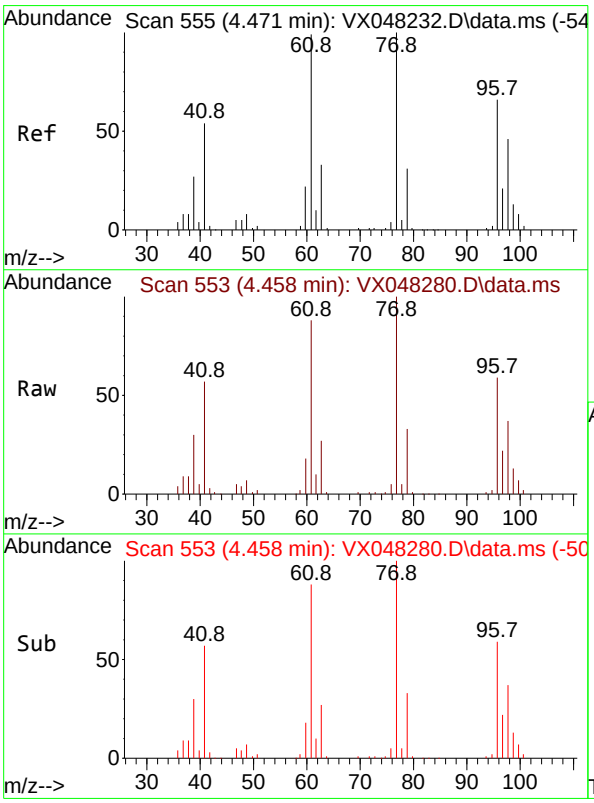
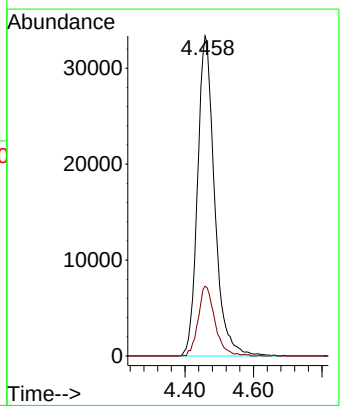


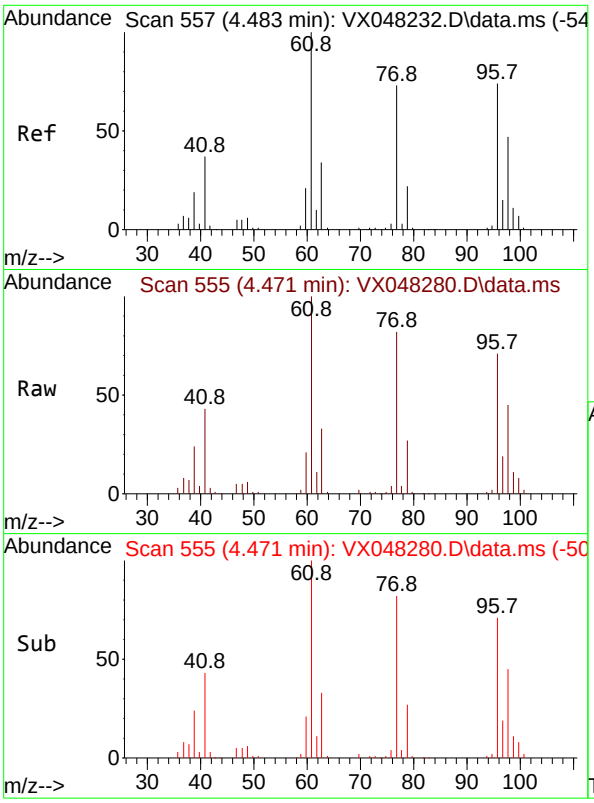




#26
2,2-Dichloropropane
Concen: 53.950 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 77 Resp: 115554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.4 | 11.1 | 33.3 |

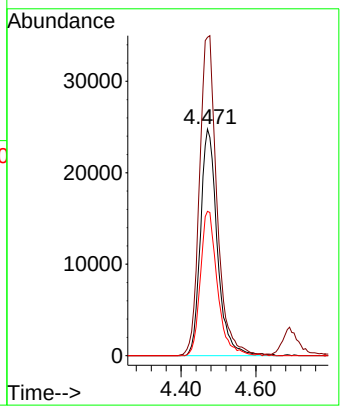





#27
cis-1,2-Dichloroethene
Concen: 50.857 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 96 Resp: 7726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 147.0 | 0.0 | 294.2 |
| 98 | 64.5 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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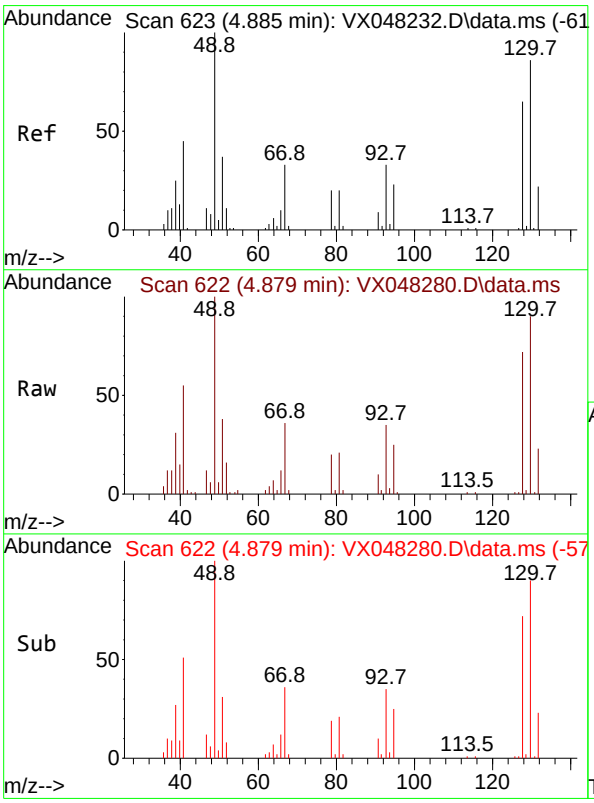
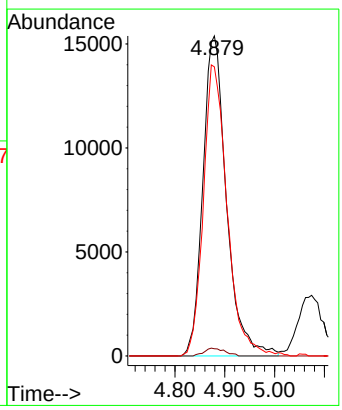
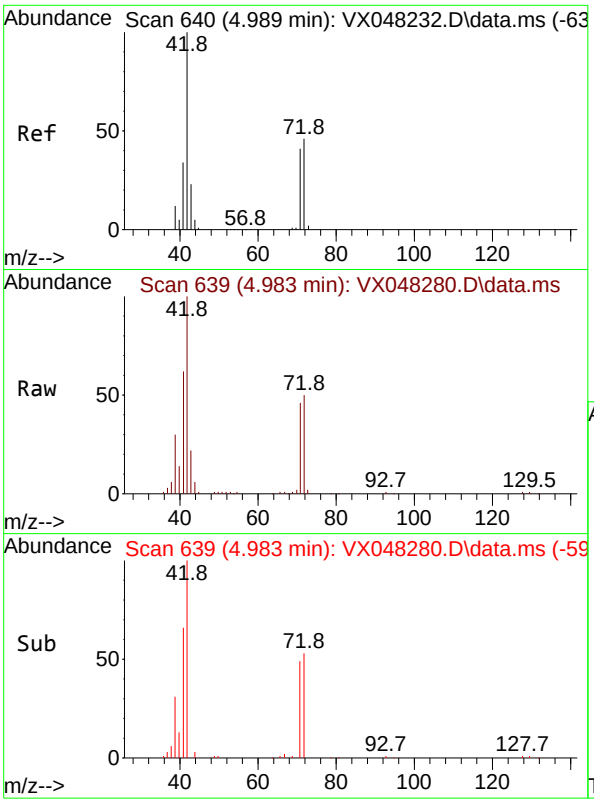



#28
Bromochloromethane
Concen: 51.316 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 49 Resp: 50491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 4.4 |
| 130 | 91.7 | 59.3 | 88.9# |






#29
Tetrahydrofuran
Concen: 218.666 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 42 Resp: 9000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 50.1 | 35.3 | 52.9 |
| 71 | 45.9 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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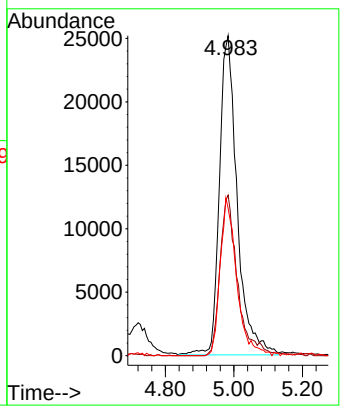
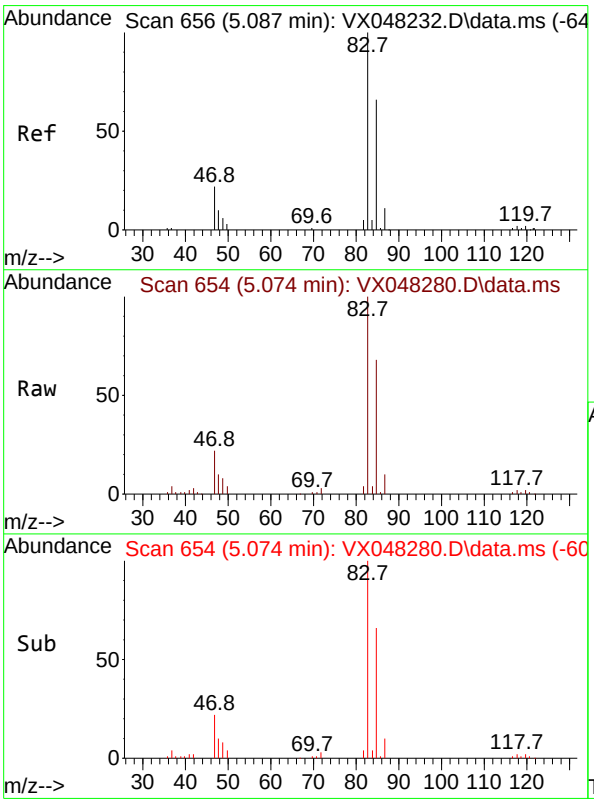
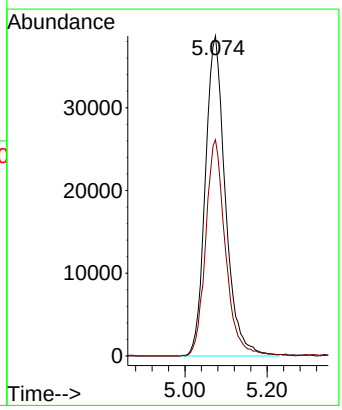


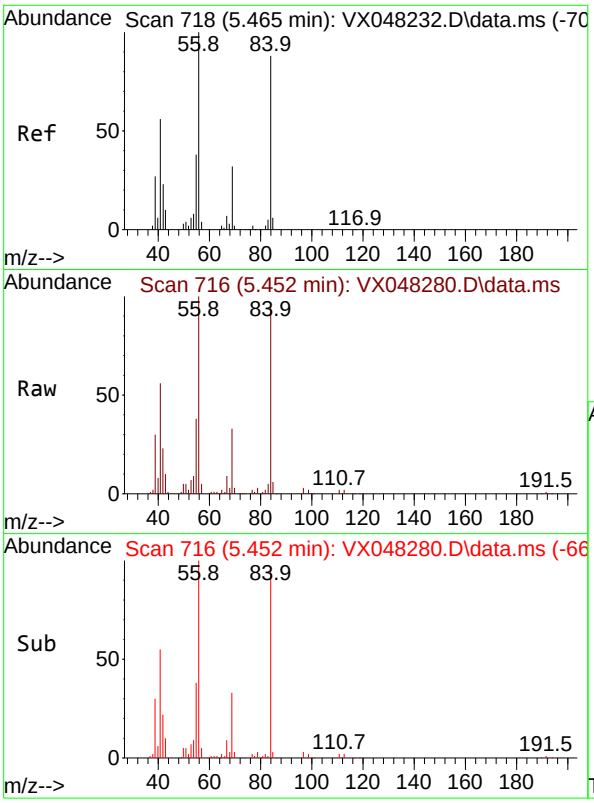




#30
Chloroform
Concen: 51.559 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 83 Resp: 130715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.6 | 50.1 | 75.1 |






#31
Cyclohexane
Concen: 50.349 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

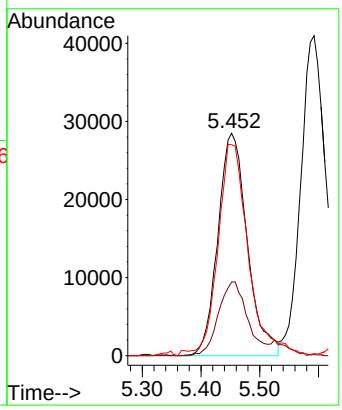
Tgt Ion: 56 Resp: 9891

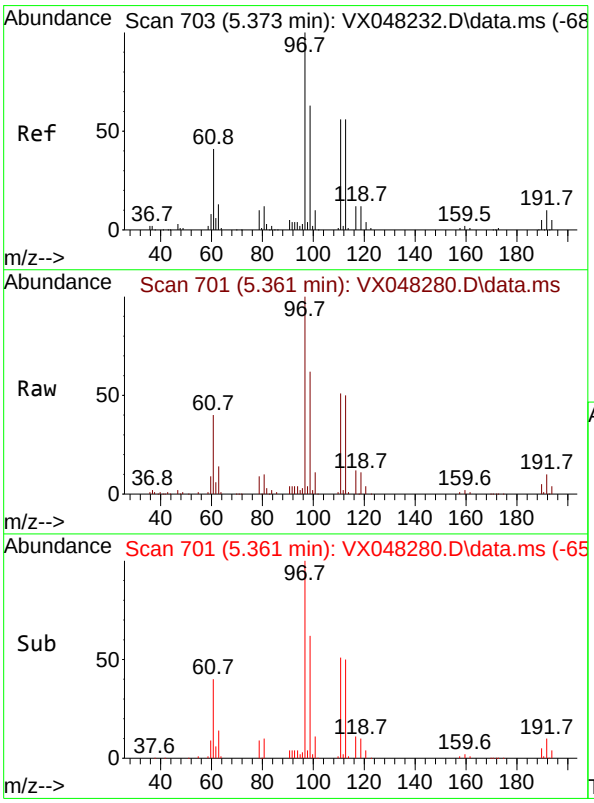
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.7 | 23.0 | 34.6 |
| 84 | 94.9 | 64.6 | 97.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

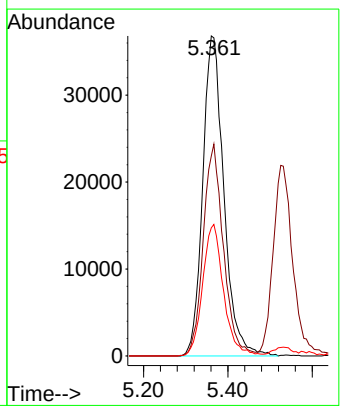


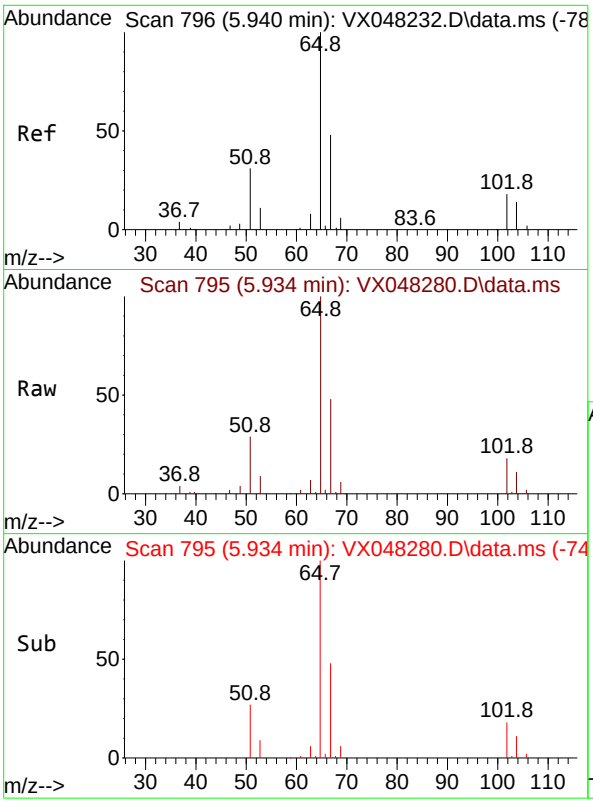




#32
1,1,1-Trichloroethane
Concen: 54.907 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 97 Resp: 128292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.2 | 51.7 | 77.5 |
| 61 | 40.7 | 34.8 | 52.2 |

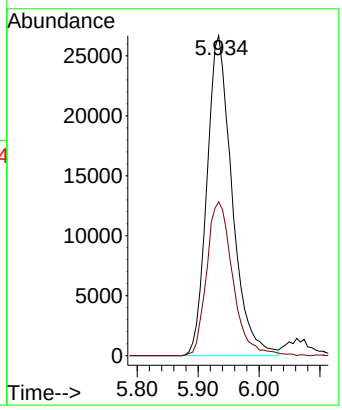





#33
1,2-Dichloroethane-d4
Concen: 48.250 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 65 Resp: 7636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.0 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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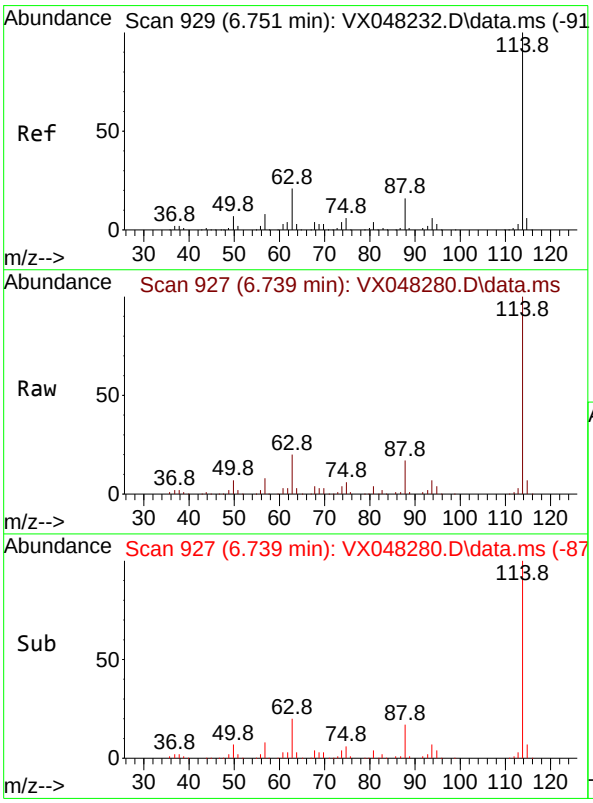
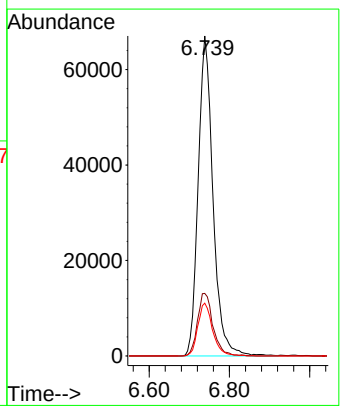
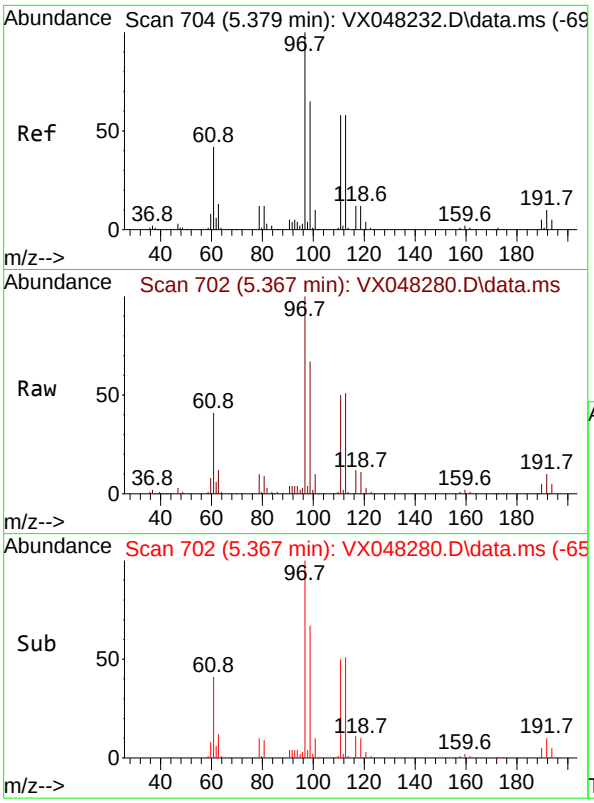



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:114 Resp: 171616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.5 | 0.0 | 43.2 |
| 88 | 16.5 | 0.0 | 33.6 |

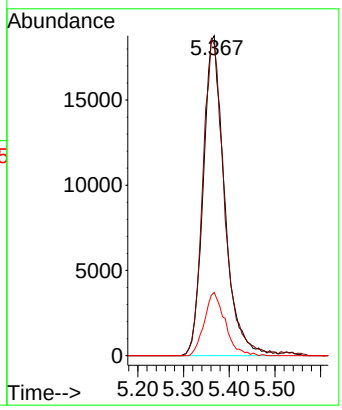





#35
Dibromofluoromethane
Concen: 51.667 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:113 Resp: 6053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.7 | 82.2 | 123.4 |
| 192 | 19.4 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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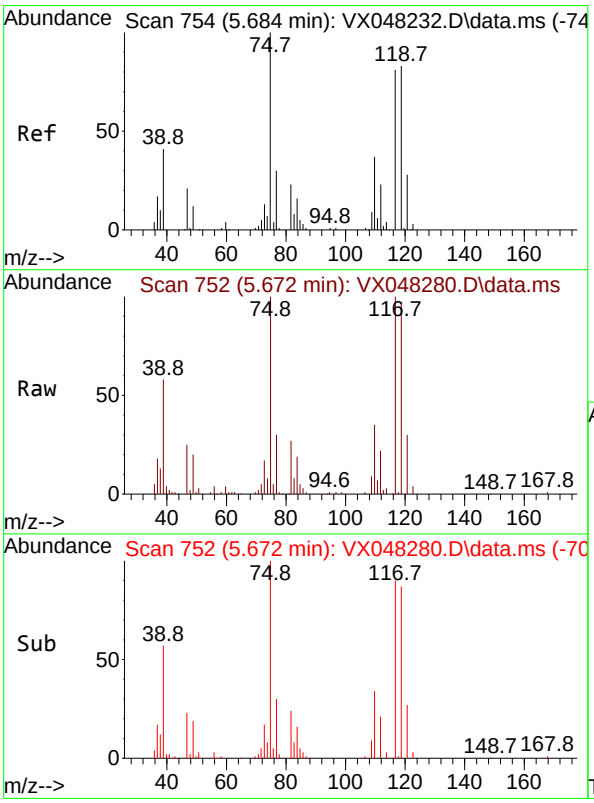
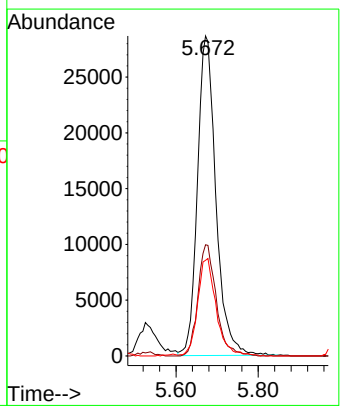
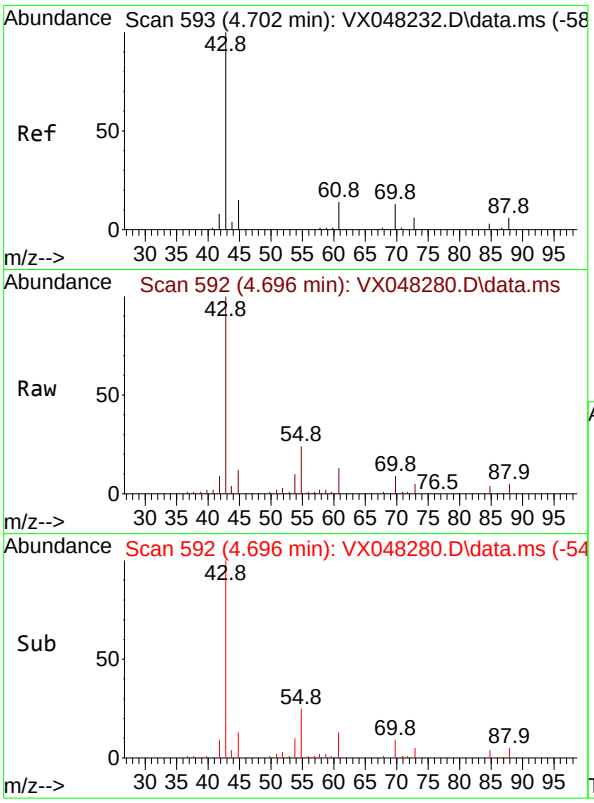



#36
1,1-Dichloropropene
Concen: 53.632 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 89311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.6 | 17.7 | 53.1 |
| 77 | 30.8 | 24.3 | 36.5 |

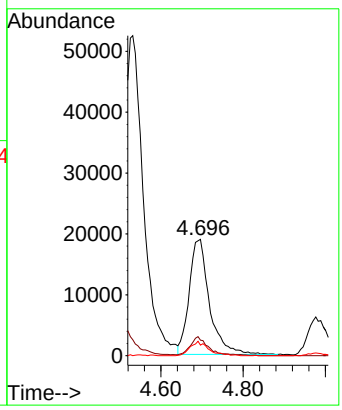





#37
Ethyl Acetate
Concen: 46.733 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 6450

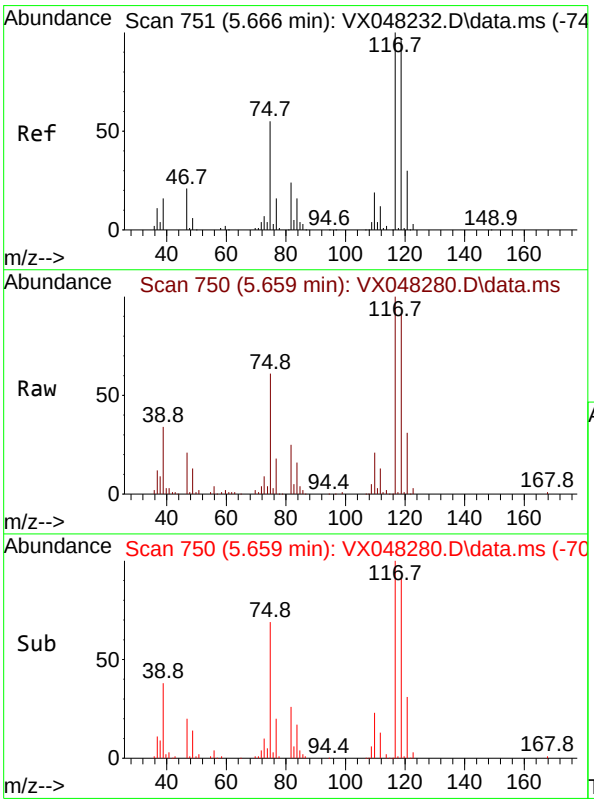
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.1 | 10.6 | 15.8 |
| 70 | 11.3 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

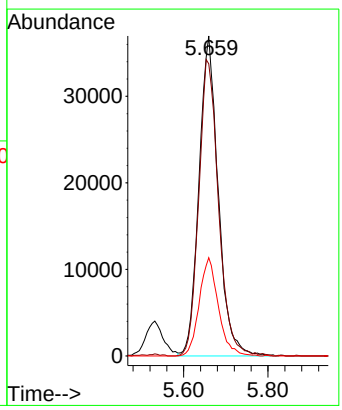
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

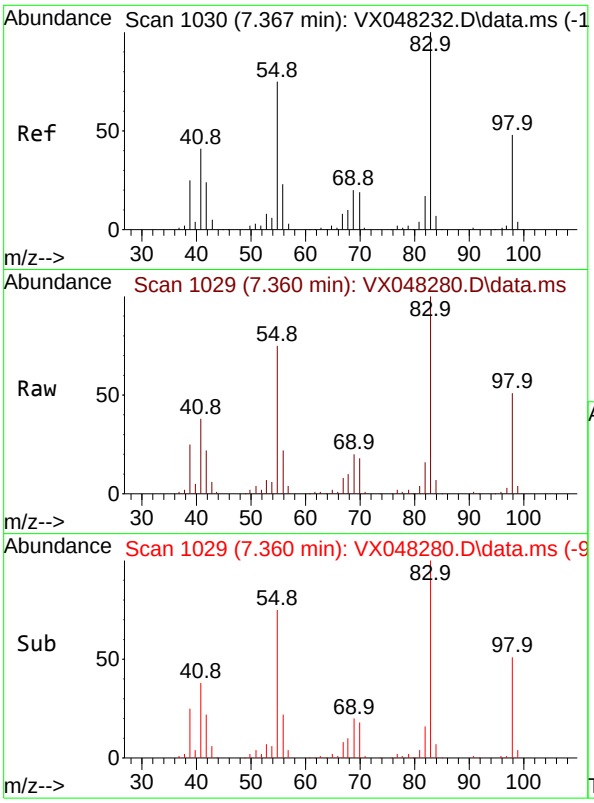



#38
Carbon Tetrachloride
Concen: 57.216 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:117 Resp: 117550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.2 | 77.2 | 115.8 |
| 121 | 30.7 | 24.8 | 37.2 |

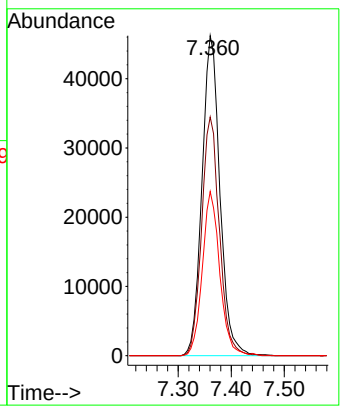





#39
Methylcyclohexane
Concen: 55.285 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 83 Resp: 10872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.6 | 66.2 | 99.2 |
| 98 | 51.3 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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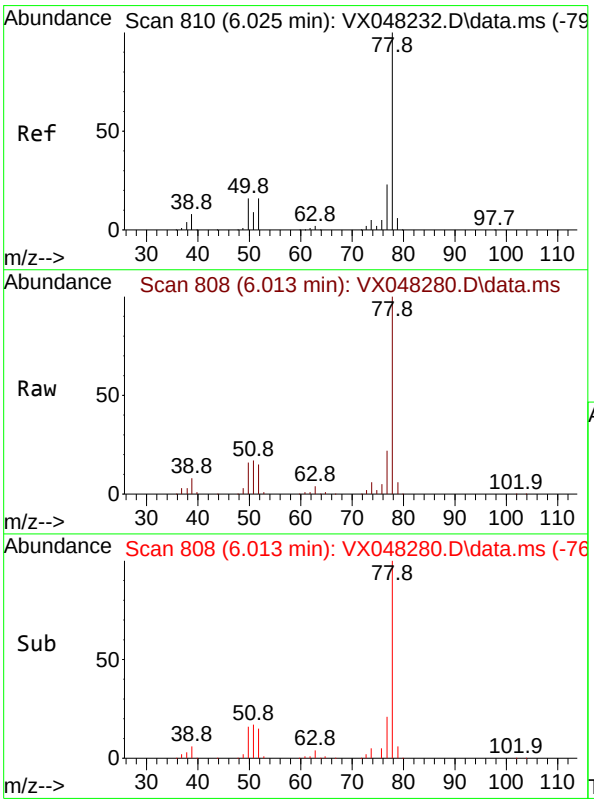
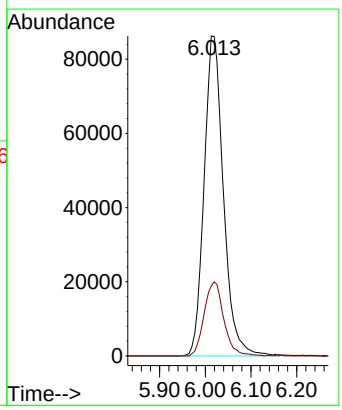
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

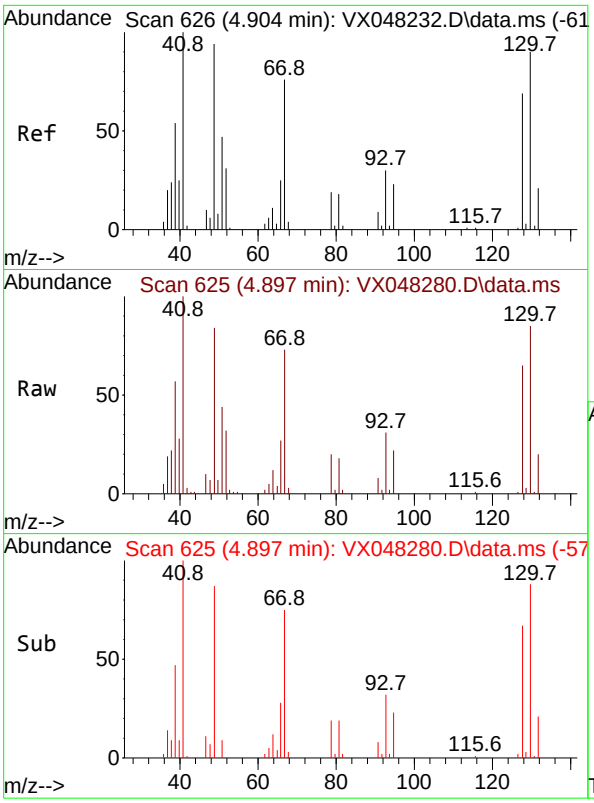



#40
Benzene
Concen: 52.383 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 78 Resp: 253259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.9 | 19.3 | 28.9 |

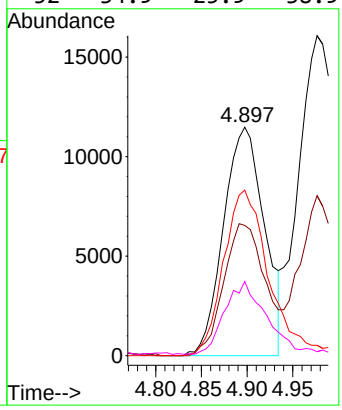





#41
Methacrylonitrile
Concen: 49.349 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 41 Resp: 3577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.8 | 44.0 | 66.0 |
| 67 | 81.6 | 58.7 | 88.1 |
| 52 | 34.9 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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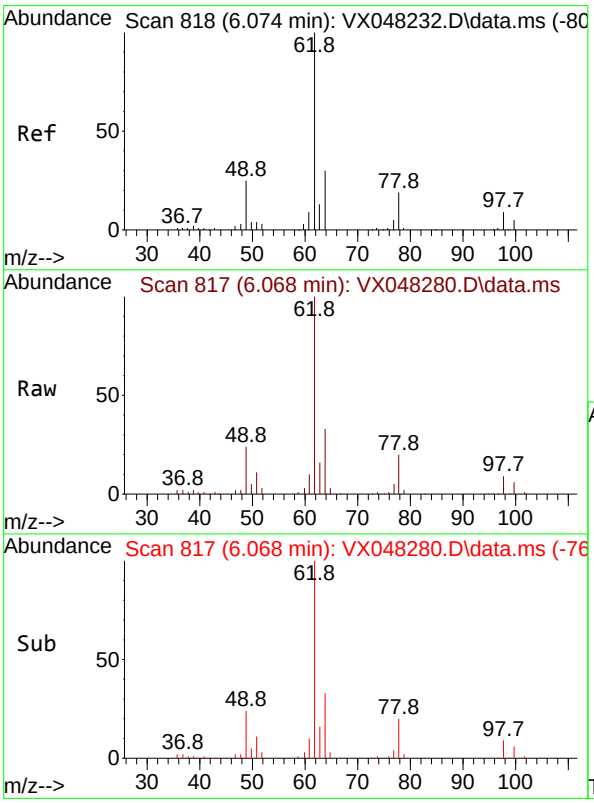
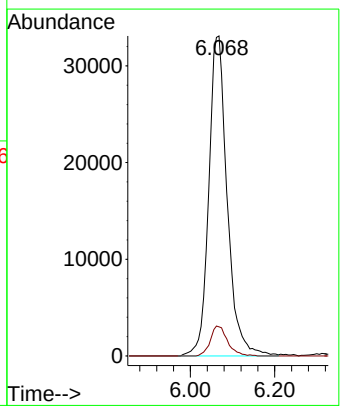
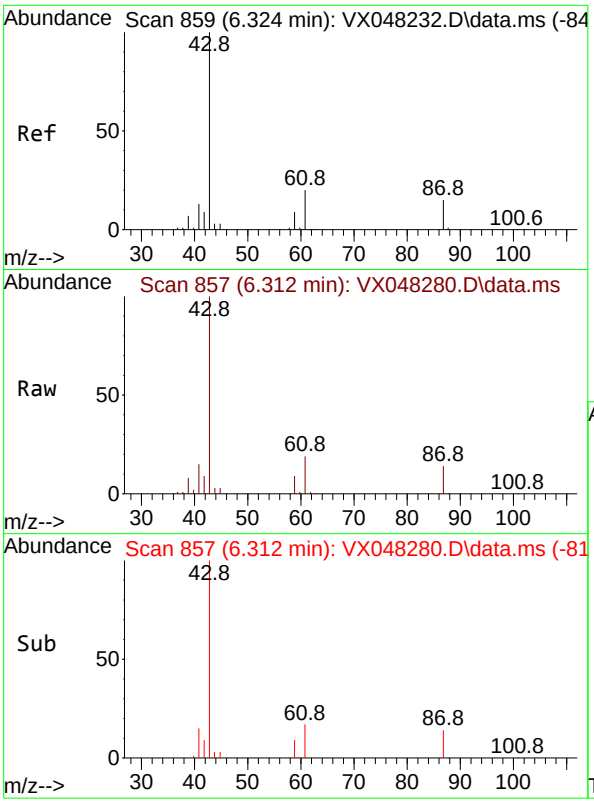



#42
1,2-Dichloroethane
Concen: 56.333 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 62 Resp: 100501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.8 | 0.0 | 17.2 |






#43
Isopropyl Acetate
Concen: 48.053 ug/l
RT: 6.312 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 10894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.4 | 14.9 | 22.3 |
| 87 | 14.4 | 9.4 | 14.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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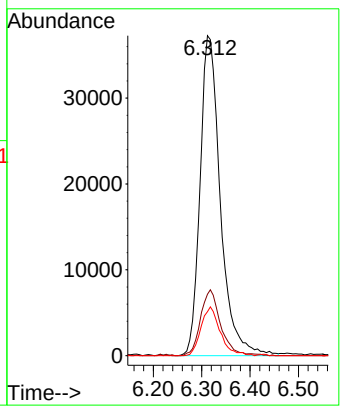
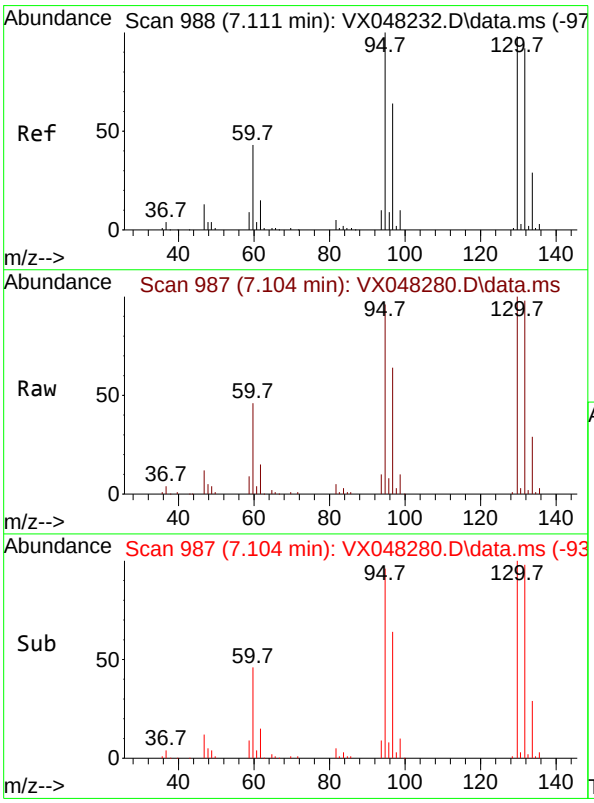
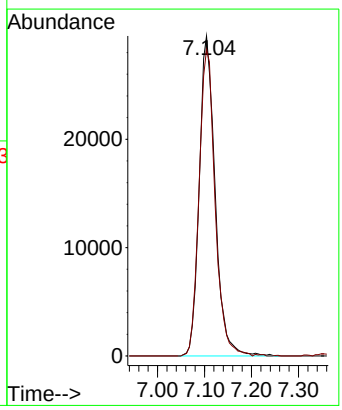


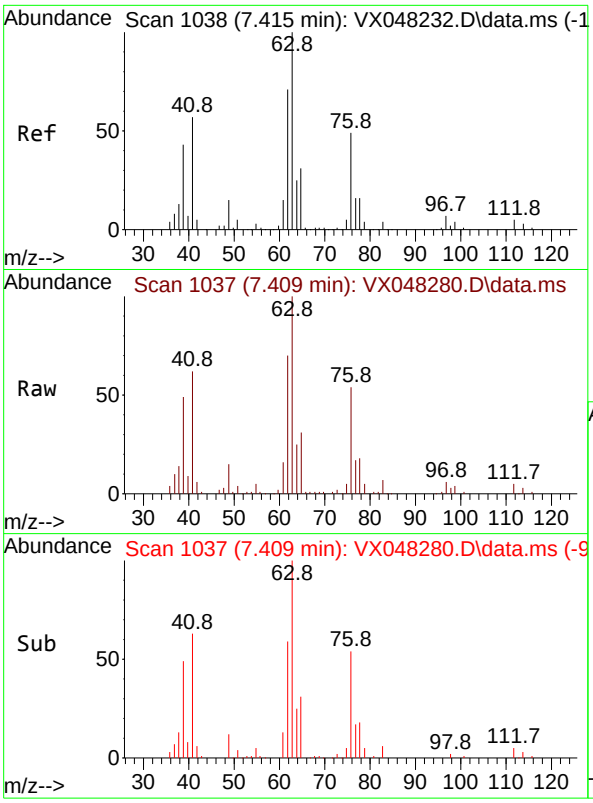




#44
Trichloroethene
Concen: 54.227 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:130 Resp: 69227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.7 | 0.0 | 200.6 |

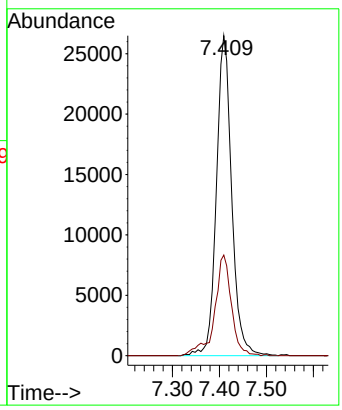





#45
1,2-Dichloropropane
Concen: 52.114 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 63 Resp: 5990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.5 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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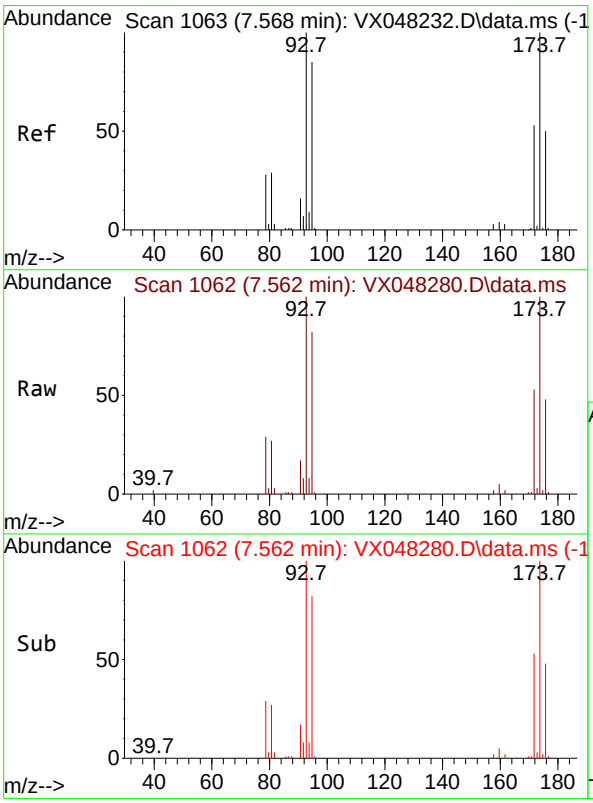
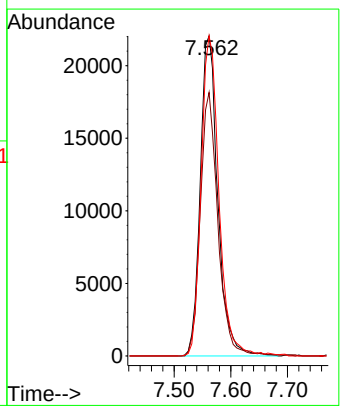
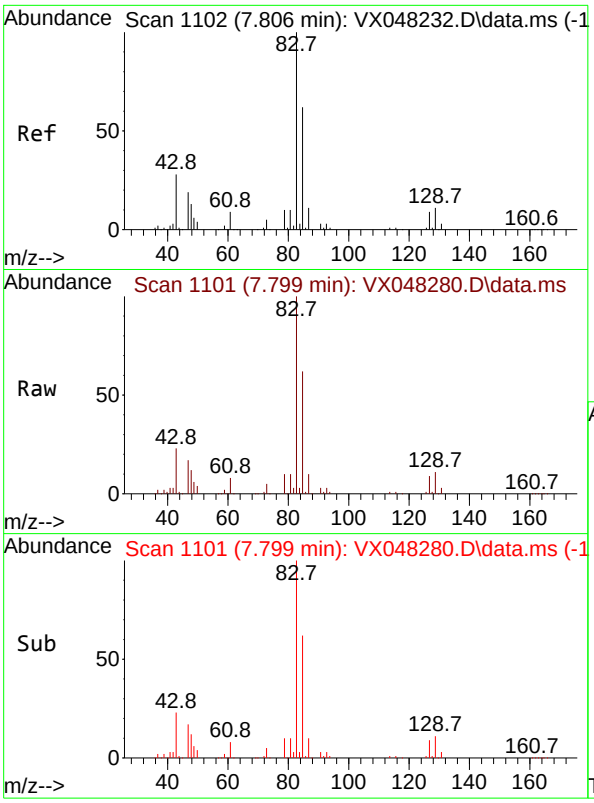



#46
Dibromomethane
Concen: 52.817 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 93 Resp: 47300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.8 | 65.9 | 98.9 |
| 174 | 102.0 | 71.7 | 107.5 |

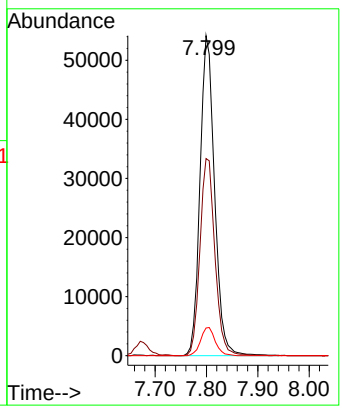





#47
Bromodichloromethane
Concen: 55.092 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 83 Resp: 10652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.6 | 52.2 | 78.4 |
| 127 | 8.7 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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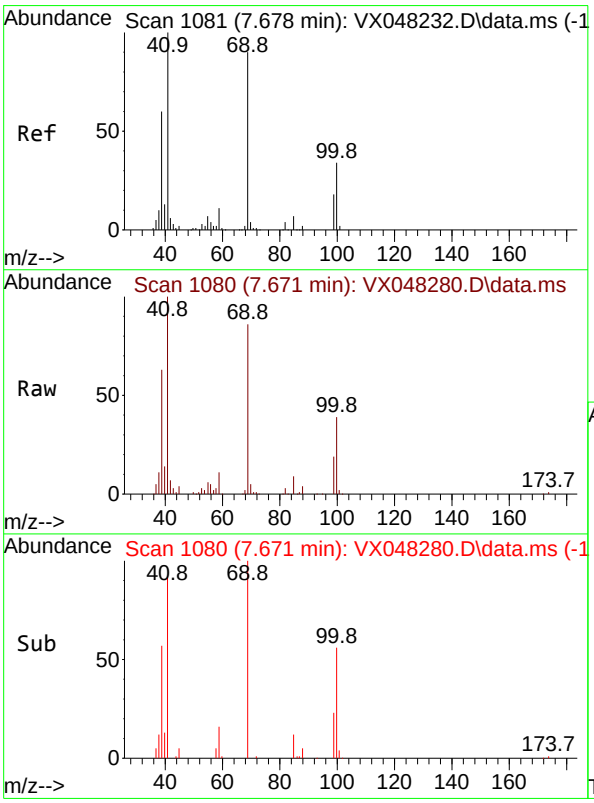
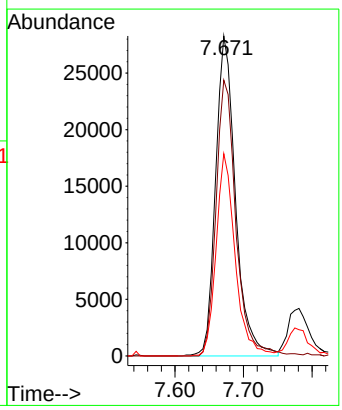
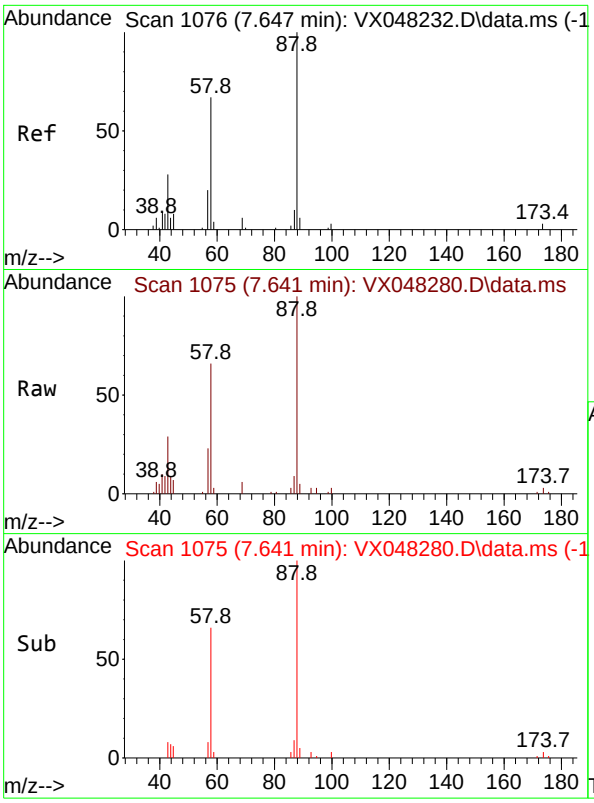



#48
Methyl methacrylate
Concen: 49.735 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 41 Resp: 56901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.5 | 63.4 | 95.0 |
| 39 | 60.5 | 47.1 | 70.7 |

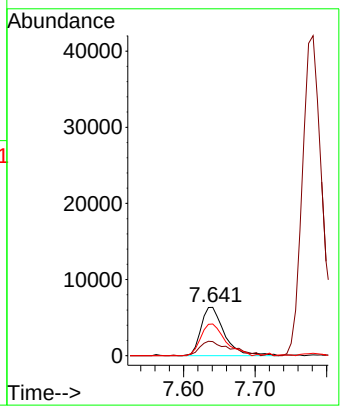





#49
1,4-Dioxane
Concen: 951.387 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 88 Resp: 1438

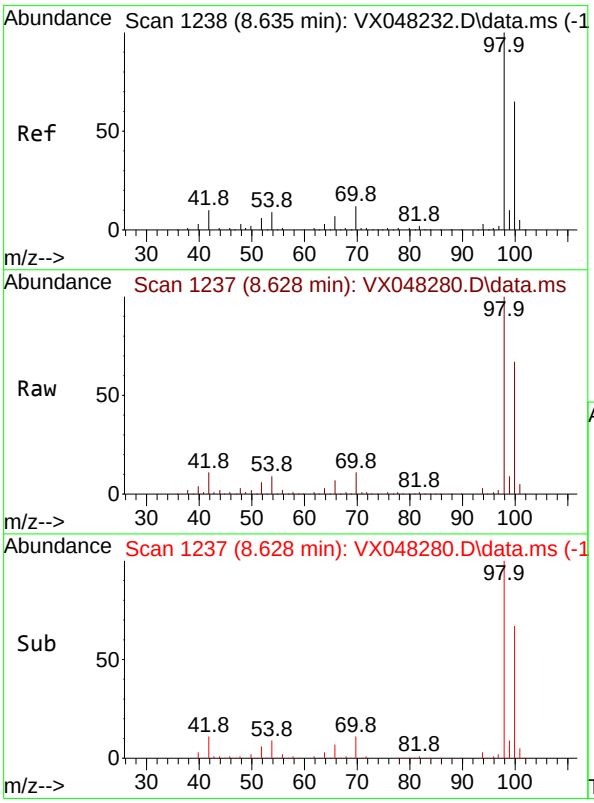
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.9 | 35.0 | 52.4 |
| 58 | 69.1 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

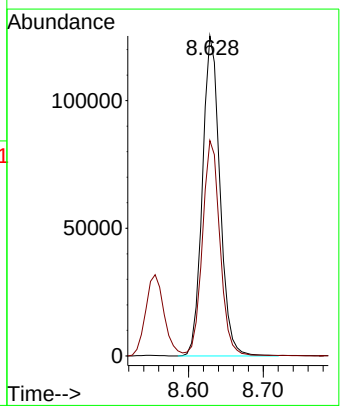
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

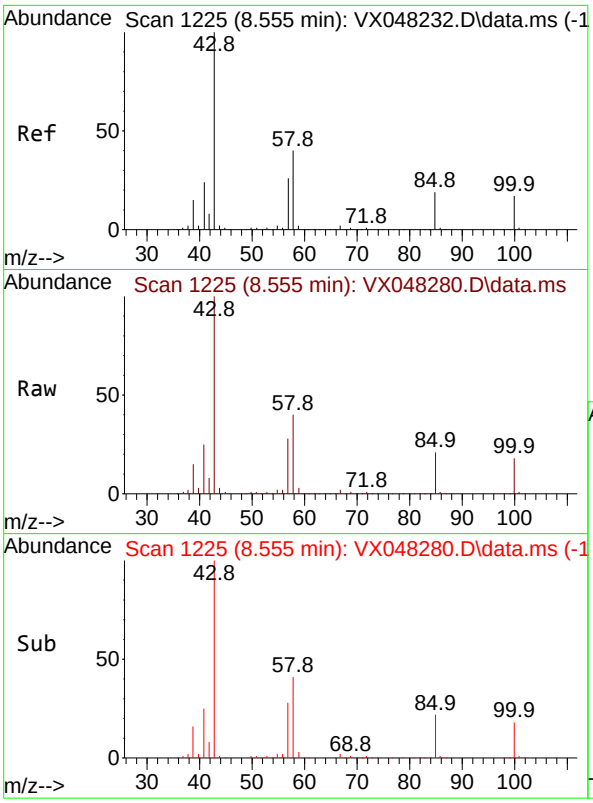



#50
Toluene-d8
Concen: 49.640 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 98 Resp: 203851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.9 | 53.0 | 79.4 |

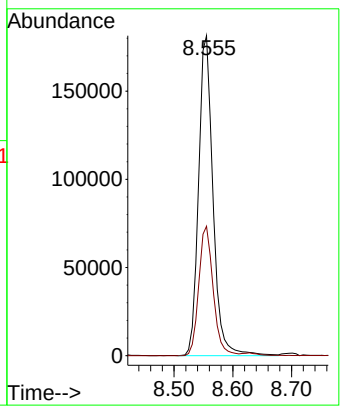





#51
4-Methyl-2-Pentanone
Concen: 237.329 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 31024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
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VSTDCCC050

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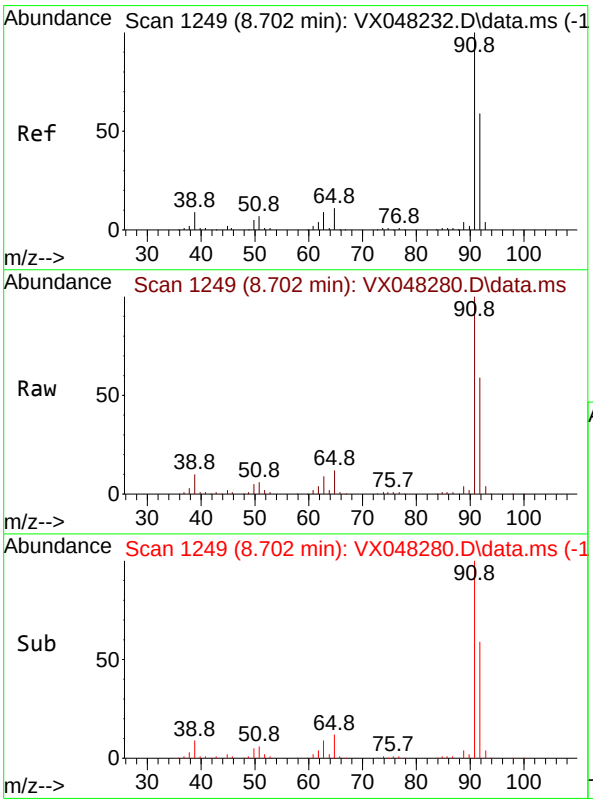
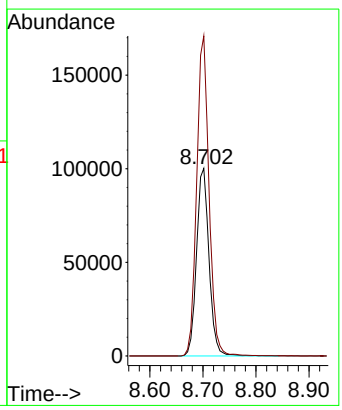
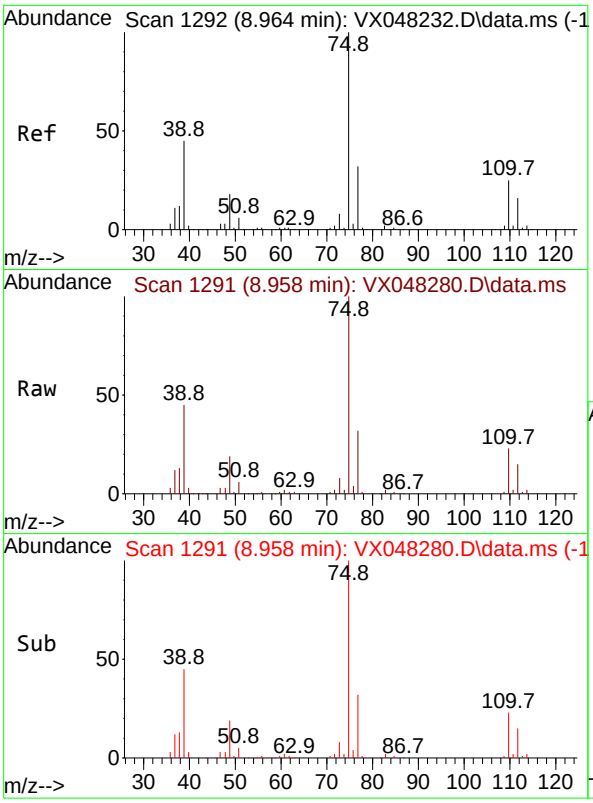



#52
Toluene
Concen: 53.307 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 92 Resp: 163729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.5 | 136.1 | 204.1 |

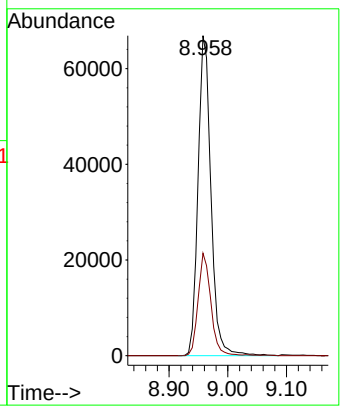





#53
t-1,3-Dichloropropene
Concen: 54.699 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 10192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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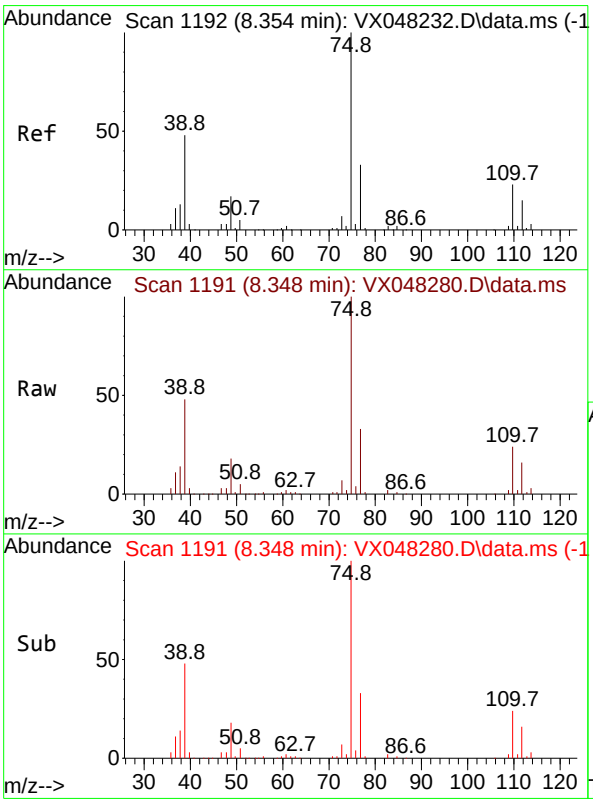
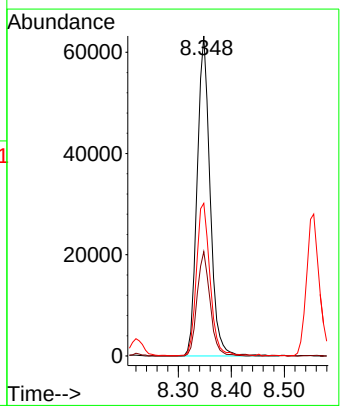
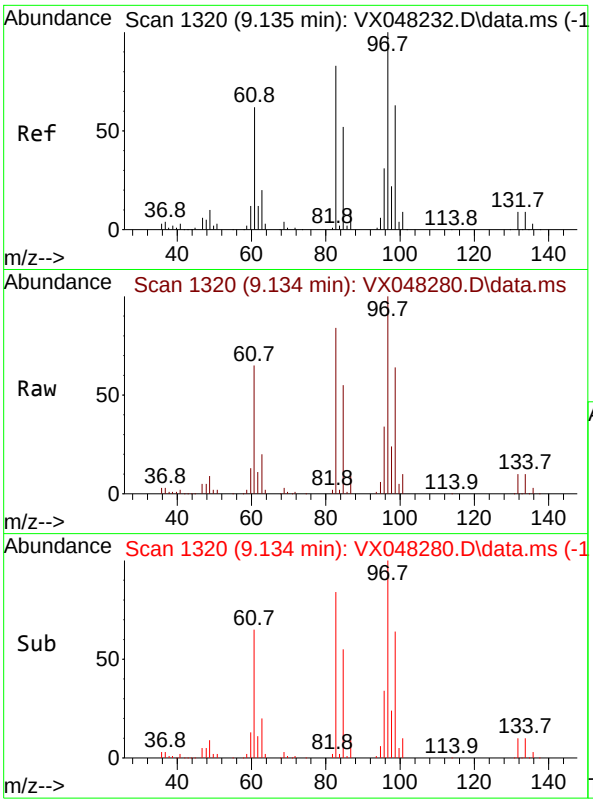



#54
cis-1,3-Dichloropropene
Concen: 53.352 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 107258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.6 | 24.9 | 37.3 |
| 39 | 47.6 | 42.6 | 64.0 |

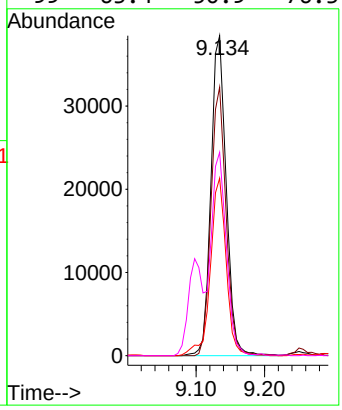





#55
1,1,2-Trichloroethane
Concen: 52.167 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 97 Resp: 5958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.9 | 70.6 | 105.8 |
| 85 | 55.4 | 45.0 | 67.6 |
| 99 | 63.4 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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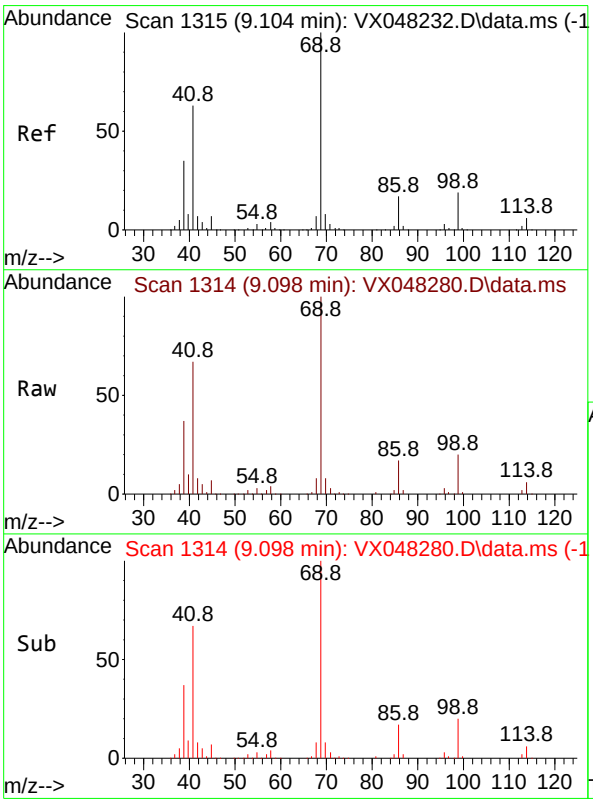
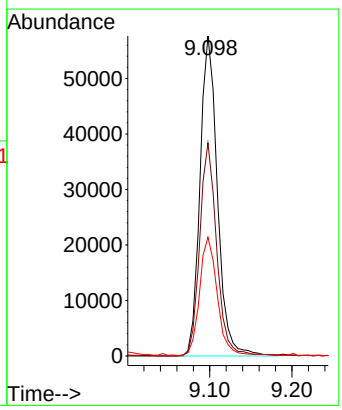
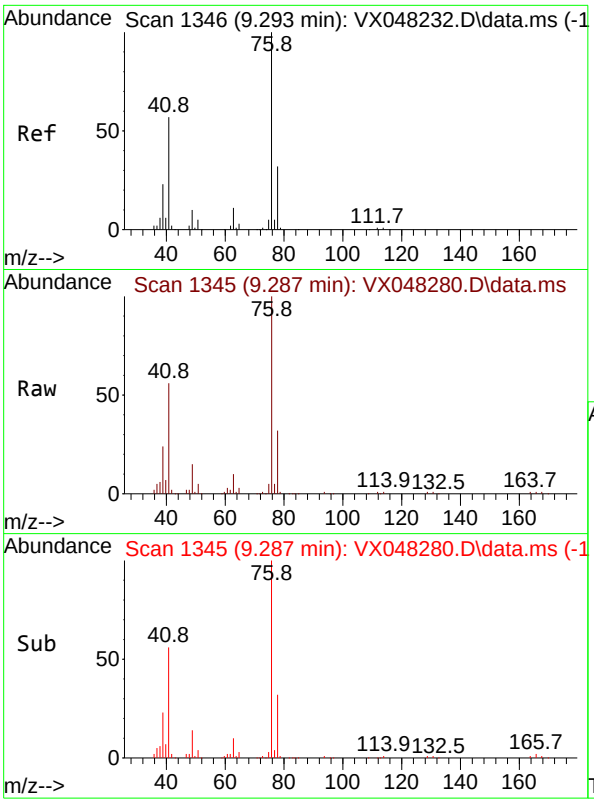



#56
Ethyl methacrylate
Concen: 50.869 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 69 Resp: 84986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.1 | 56.0 | 84.0 |
| 39 | 37.5 | 31.6 | 47.4 |

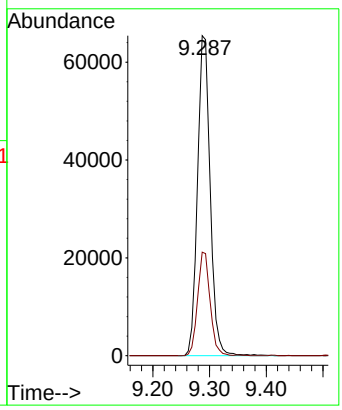





#57
1,3-Dichloropropane
Concen: 52.019 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 76 Resp: 10149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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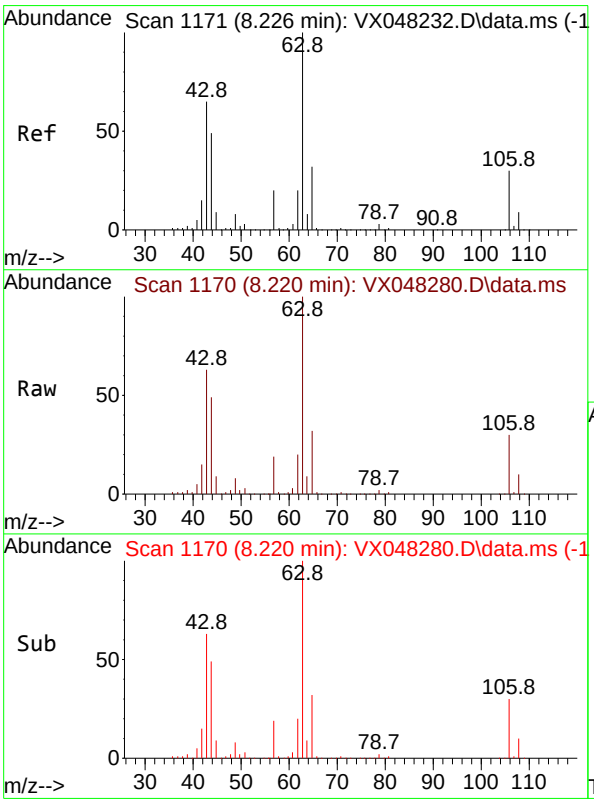
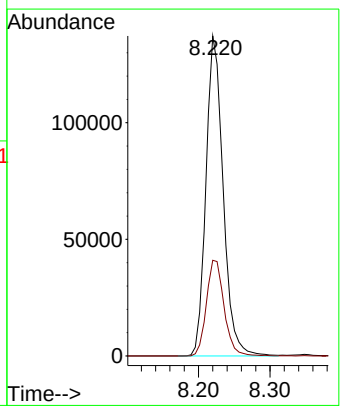
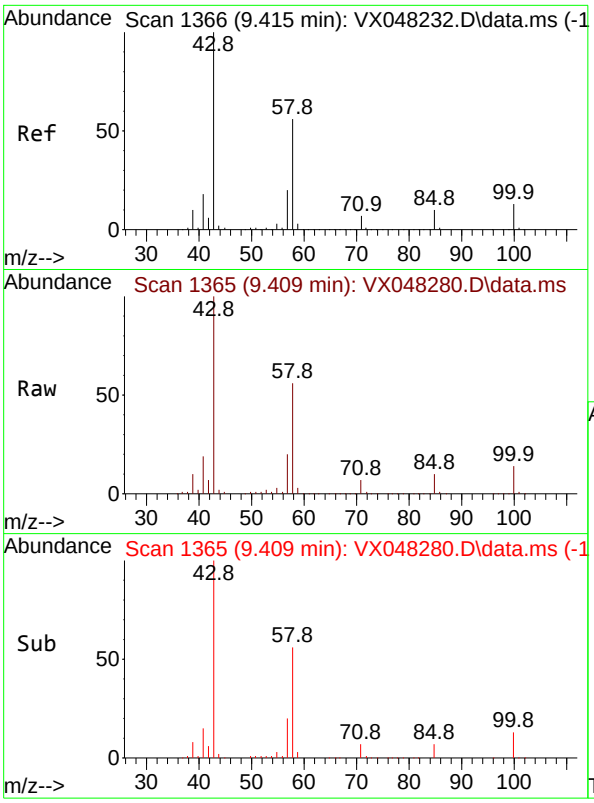



#58
2-Chloroethyl Vinyl ether
Concen: 255.311 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 63 Resp: 229383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.8 | 22.2 | 33.2 |






#59
2-Hexanone
Concen: 263.703 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 240369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.9 | 26.3 | 78.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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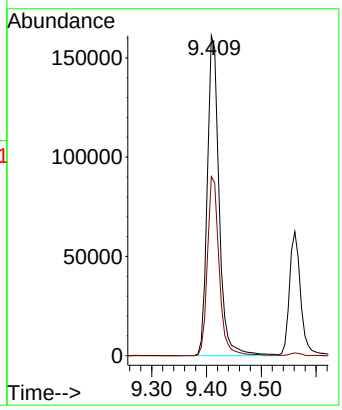
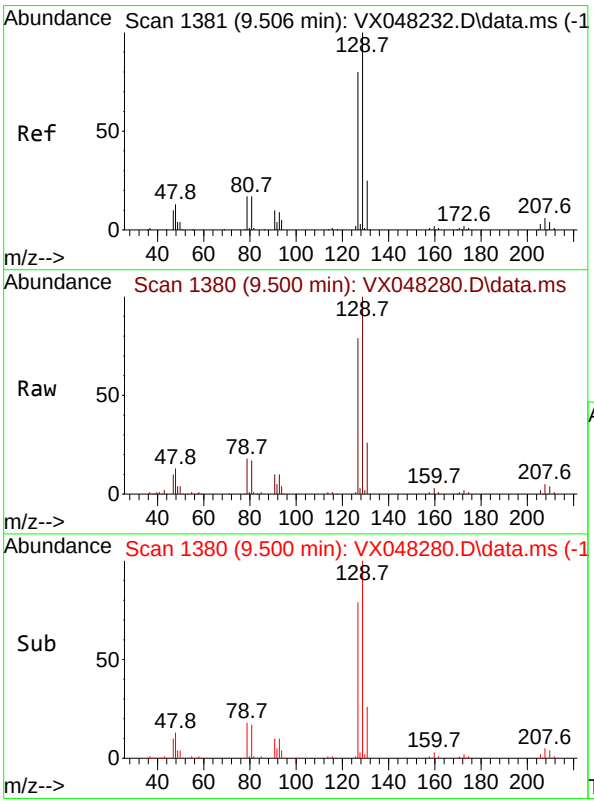
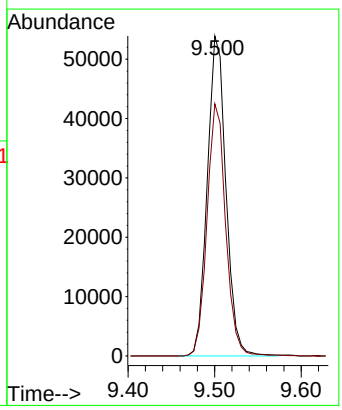


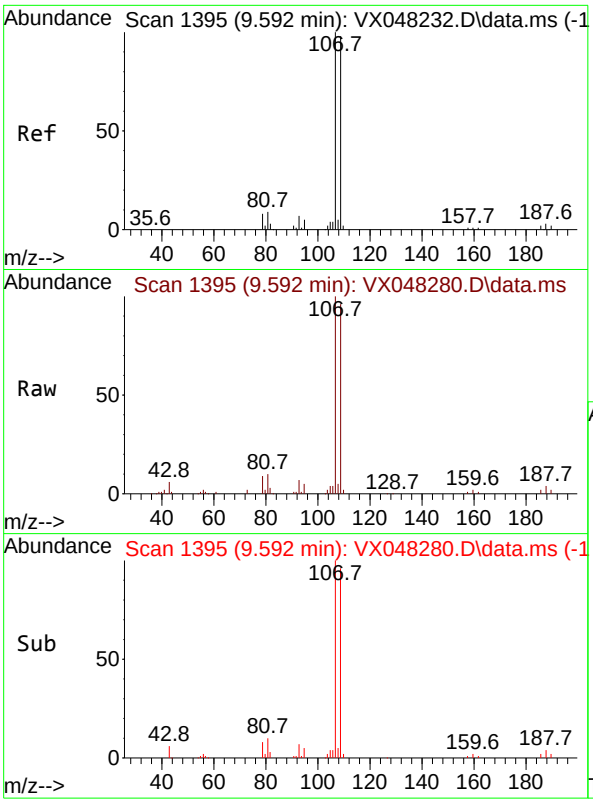




#60
Dibromochloromethane
Concen: 52.530 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:129 Resp: 80645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.8 | 38.6 | 115.7 |

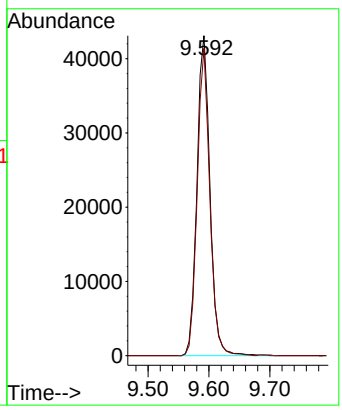





#61
1,2-Dibromoethane
Concen: 52.565 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:107 Resp: 6400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.6 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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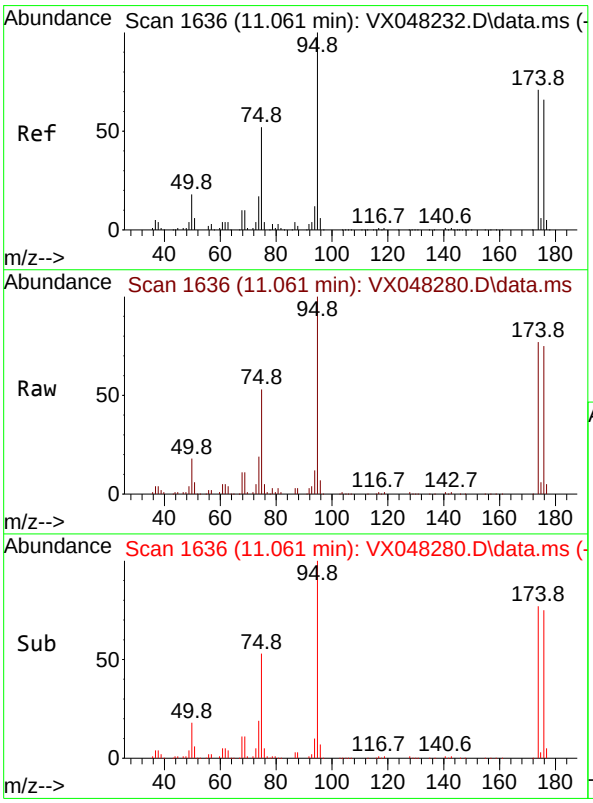
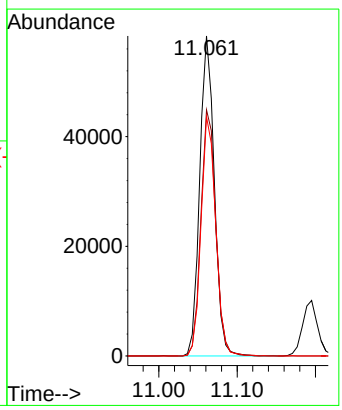
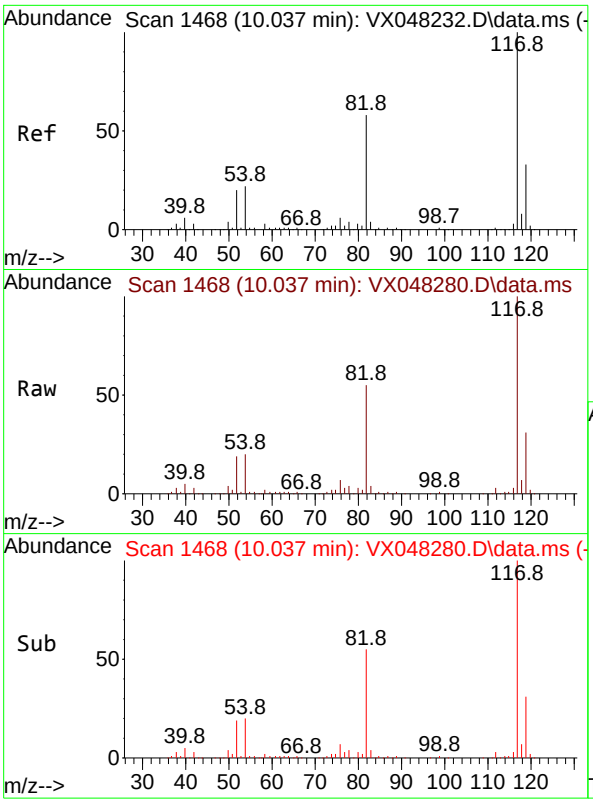



#62
4-Bromofluorobenzene
Concen: 48.352 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 95 Resp: 75540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.0 | 0.0 | 147.8 |
| 176 | 75.4 | 0.0 | 142.8 |

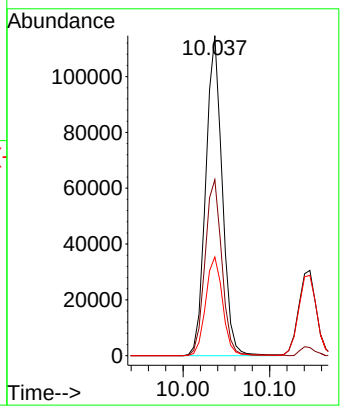





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:117 Resp: 15132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.0 | 46.5 | 69.7 |
| 119 | 30.8 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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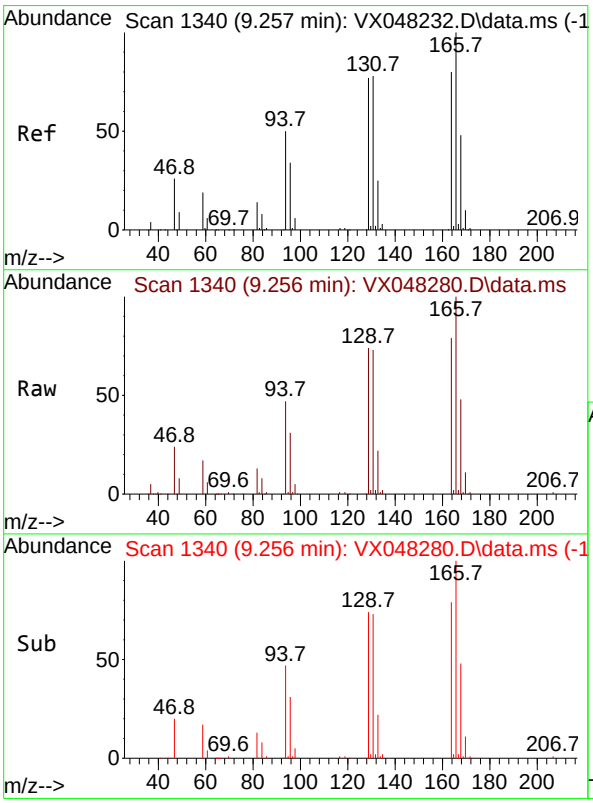
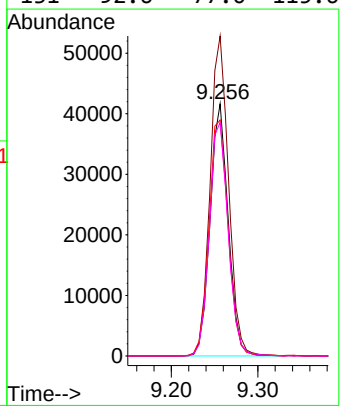
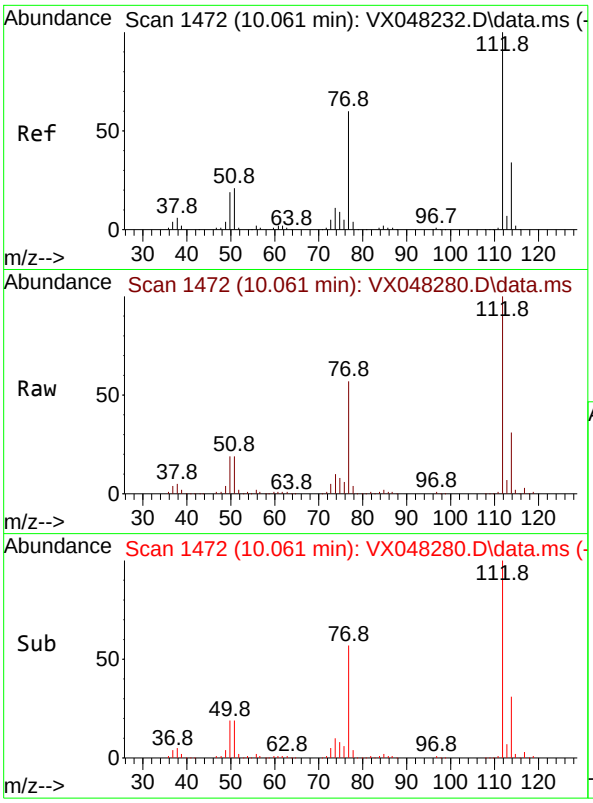



#64
Tetrachloroethene
Concen: 53.469 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:164 Resp: 60402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.9 | 104.5 | 156.7 |
| 129 | 93.6 | 81.8 | 122.6 |
| 131 | 92.6 | 77.0 | 115.6 |

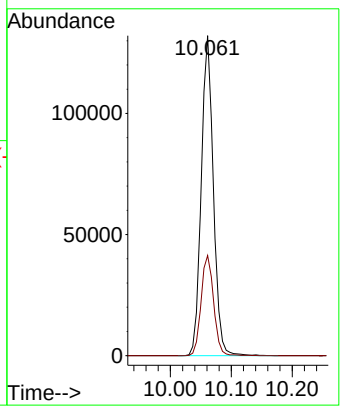





#65
Chlorobenzene
Concen: 53.663 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:112 Resp: 18267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.3 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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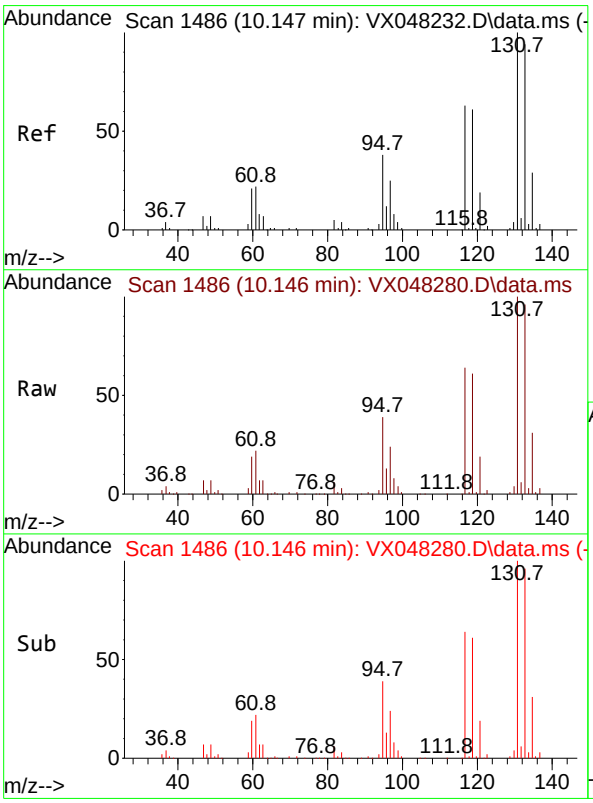
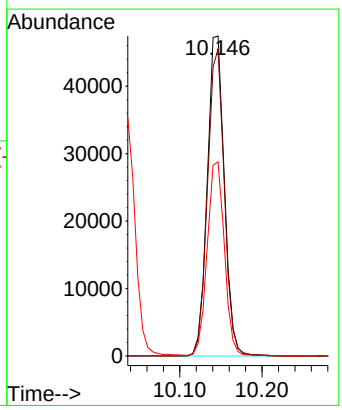
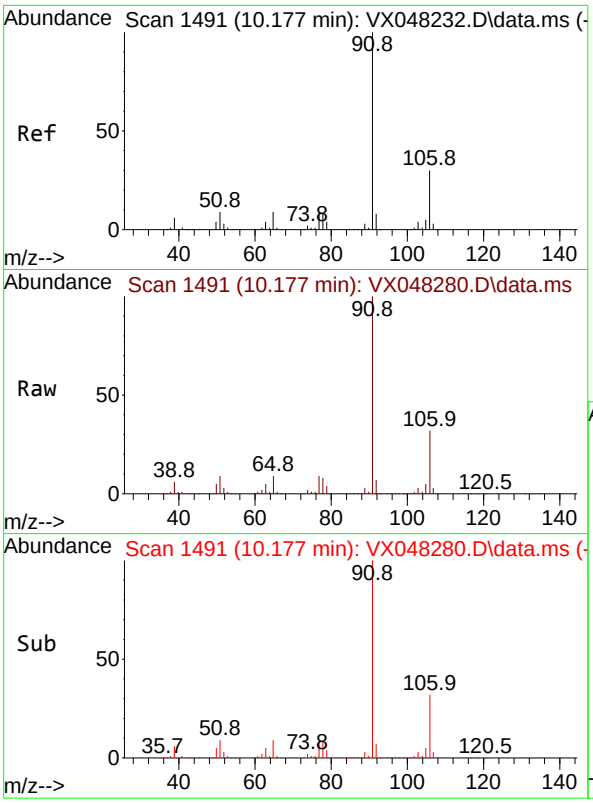



#66
1,1,1,2-Tetrachloroethane
Concen: 54.756 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:131 Resp: 68462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.3 | 47.6 | 142.8 |
| 119 | 61.2 | 32.5 | 97.5 |

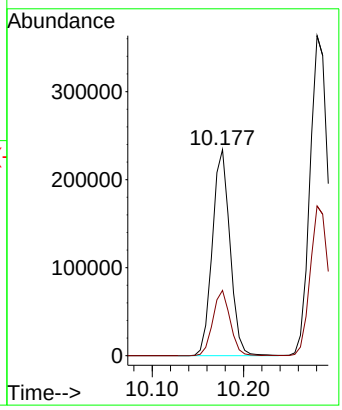





#67
Ethyl Benzene
Concen: 54.267 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 31451

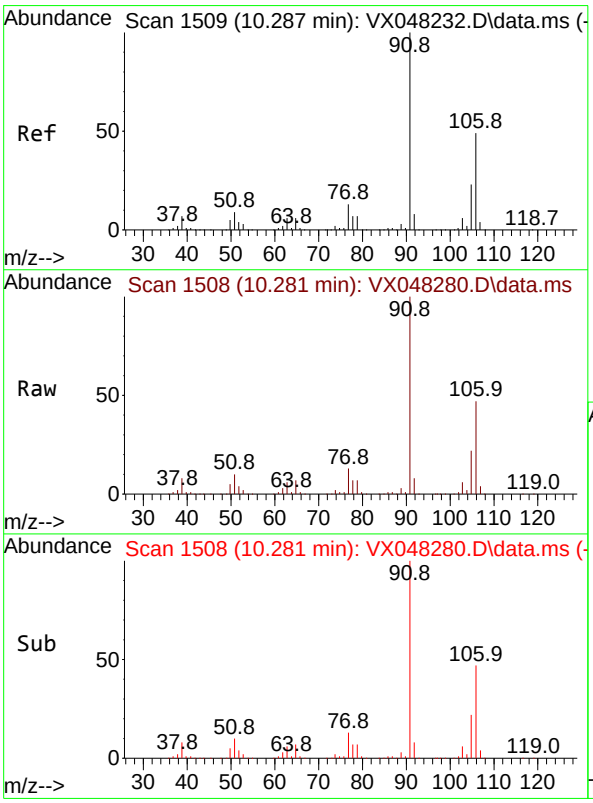
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.7 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

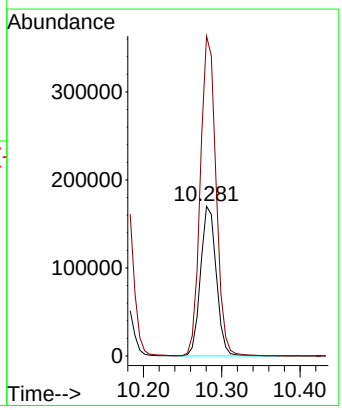
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

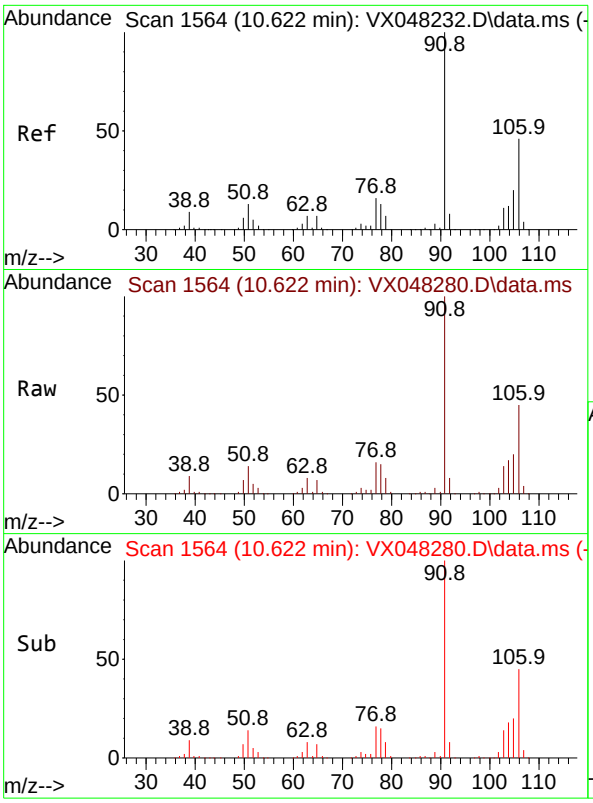



#68
m/p-Xylenes
Concen: 109.959 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:106 Resp: 236784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.7 | 167.9 | 251.9 |

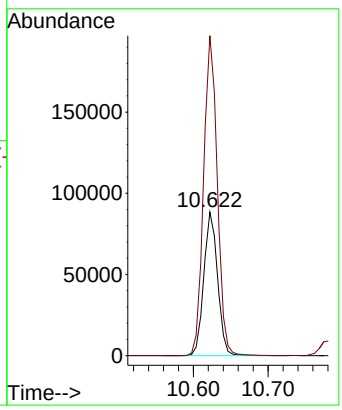





#69
o-Xylene
Concen: 54.361 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:106 Resp: 11301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.2 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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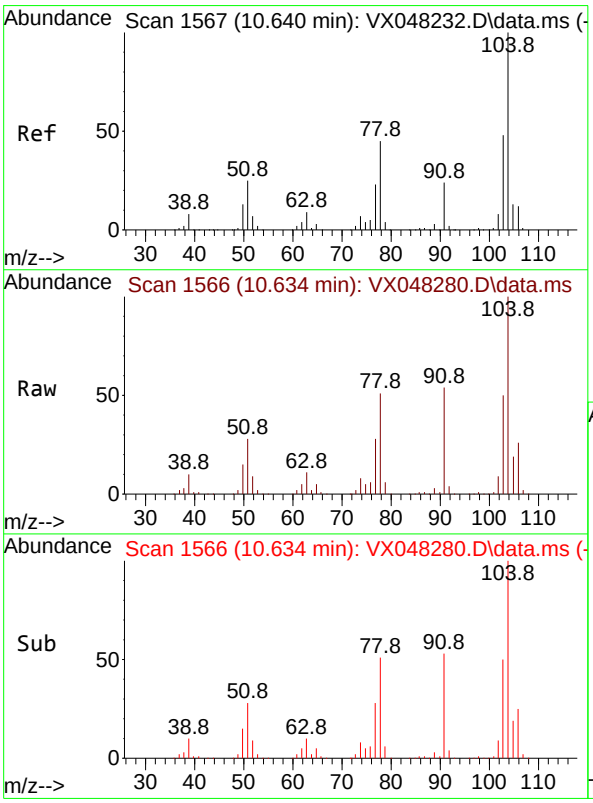
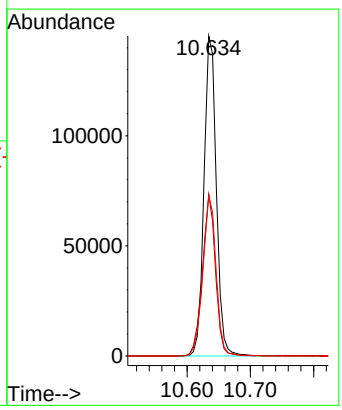
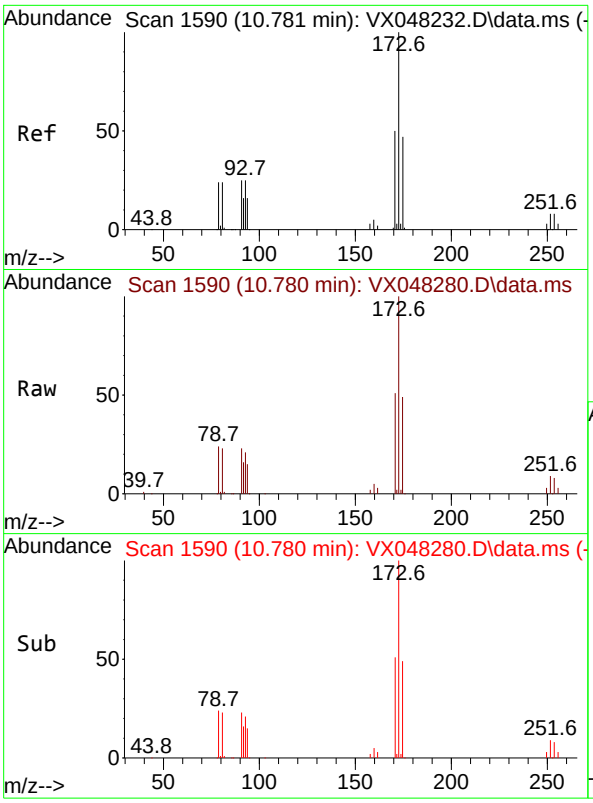



#70
Styrene
Concen: 55.916 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:104 Resp: 197941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.4 | 42.2 | 63.4 |
| 103 | 53.6 | 43.0 | 64.4 |

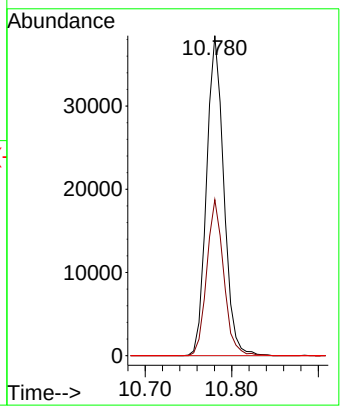





#71
Bromoform
Concen: 53.153 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:173 Resp: 5311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.1 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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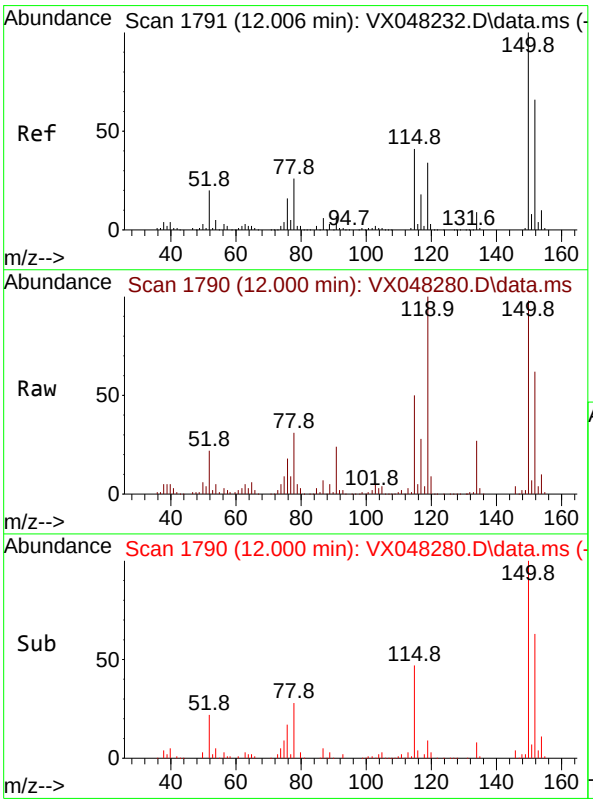
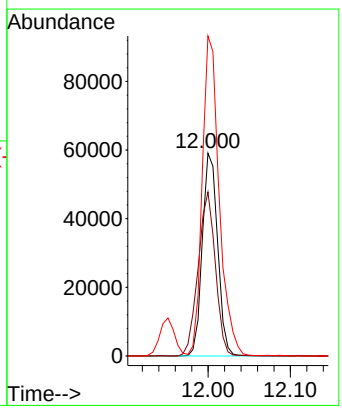
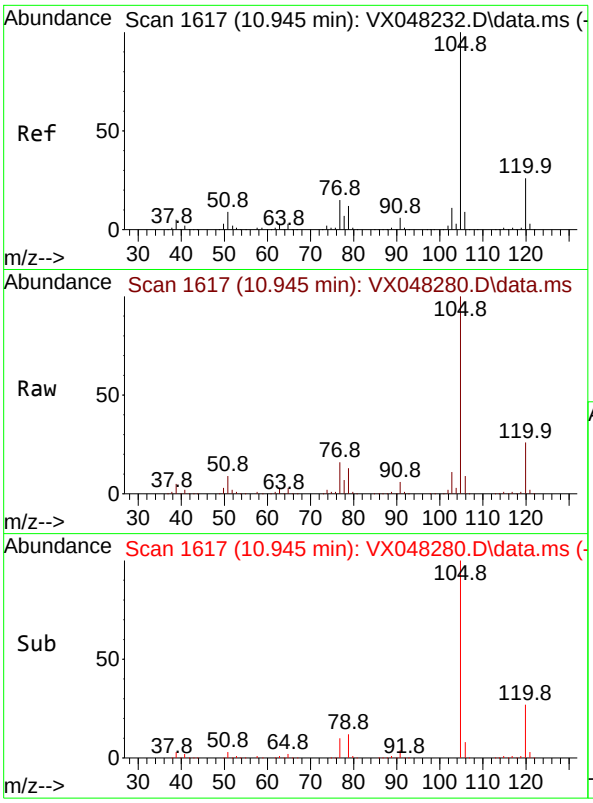



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:152 Resp: 76595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 91.1 | 43.1 | 129.4 |
| 150 | 173.9 | 0.0 | 353.0 |






#73
Isopropylbenzene
Concen: 54.500 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:105 Resp: 30490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.8 | 13.0 | 38.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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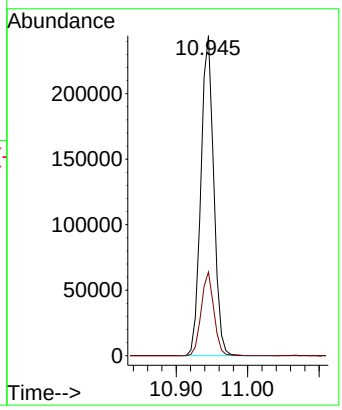
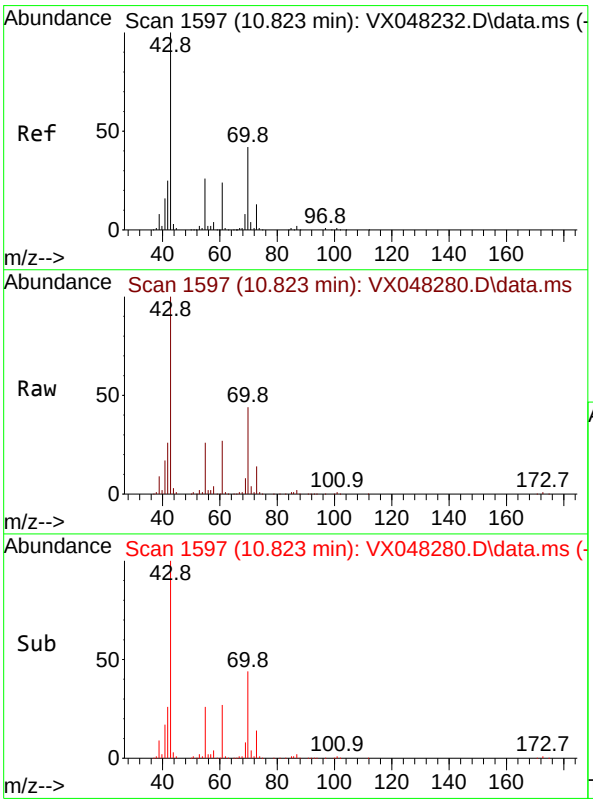
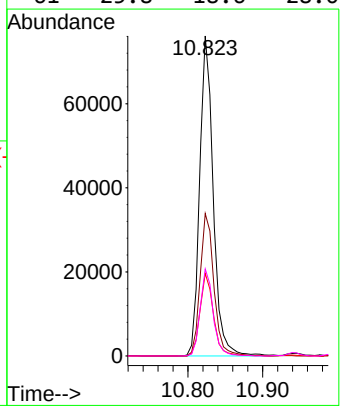


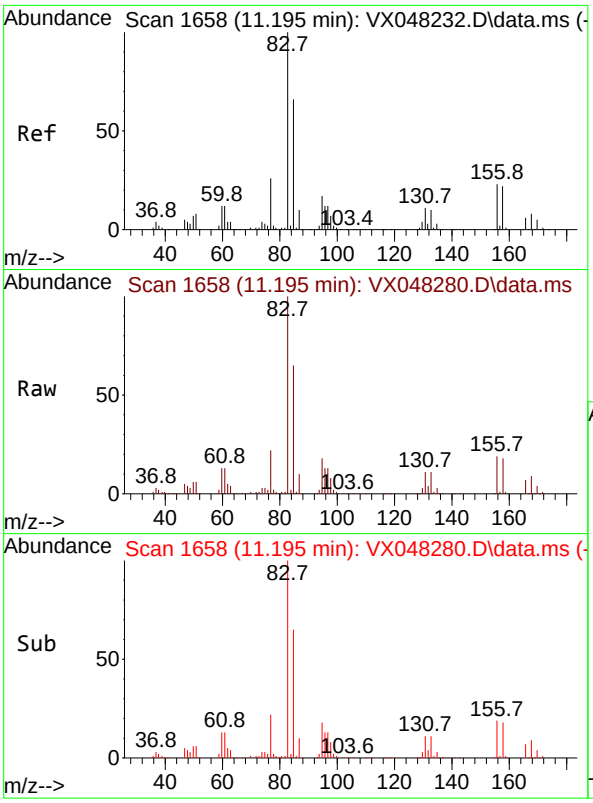




#74
N-amyl acetate
Concen: 48.424 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 96095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 45.2 | 32.2 | 48.2 |
| 55 | 25.5 | 19.1 | 28.7 |
| 61 | 25.8 | 18.6 | 28.0 |

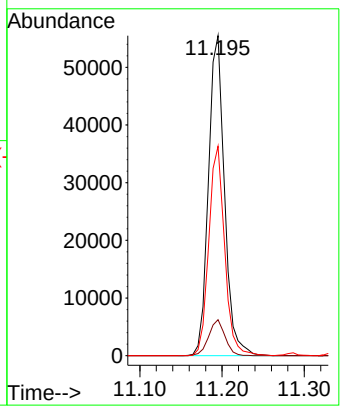





#75
1,1,2,2-Tetrachloroethane
Concen: 49.292 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 83 Resp: 7530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.4 | 4.8 | 14.4 |
| 85 | 64.7 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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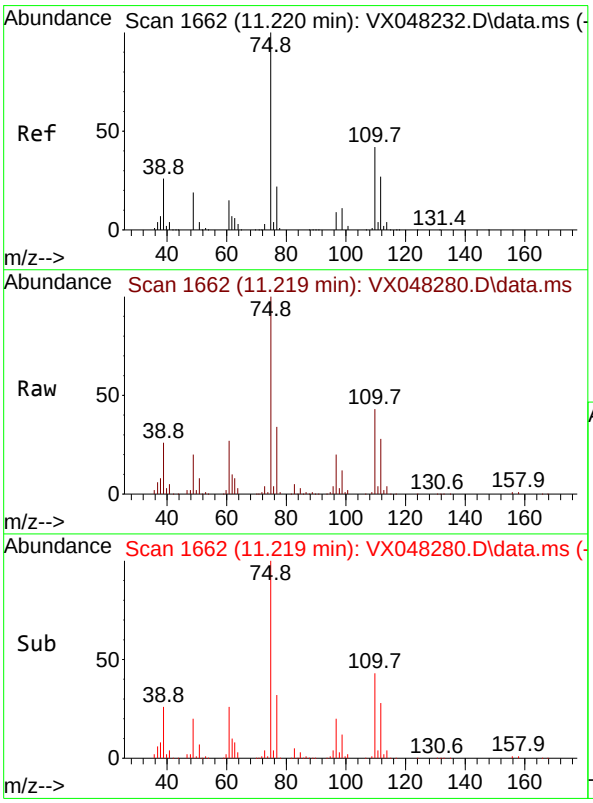
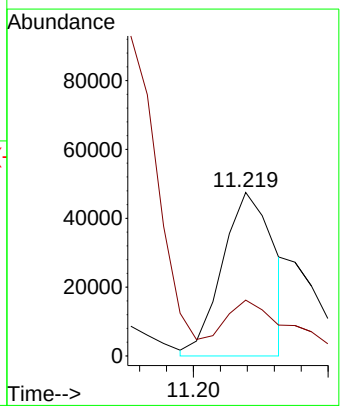
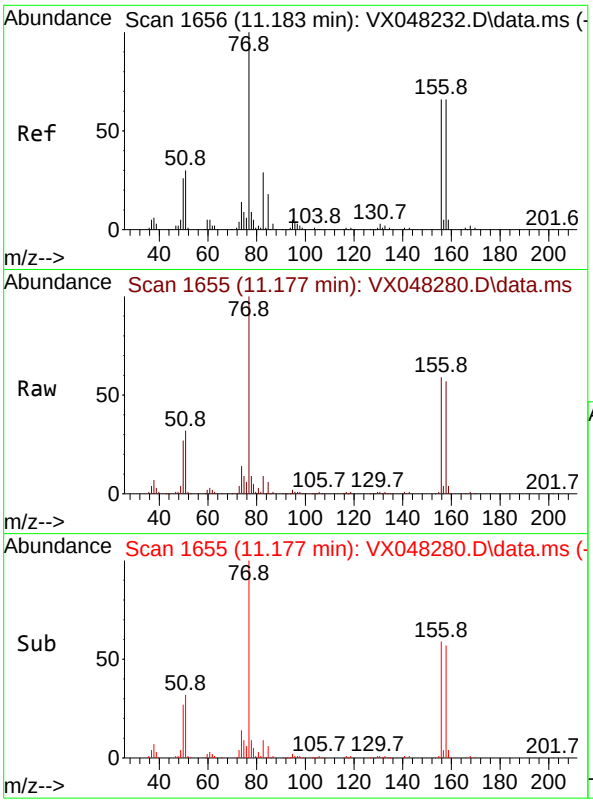



#76
1,2,3-Trichloropropane
Concen: 50.882 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 63201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.1 | 22.4 | 67.2 |

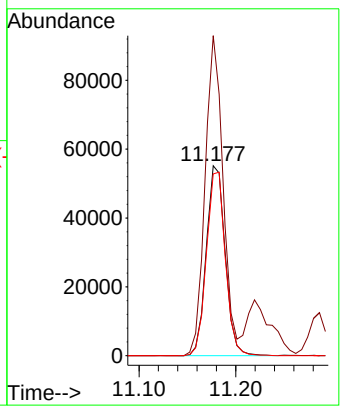





#77
Bromobenzene
Concen: 53.507 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:156 Resp: 7505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 159.4 | 87.0 | 261.0 |
| 158 | 96.7 | 47.8 | 143.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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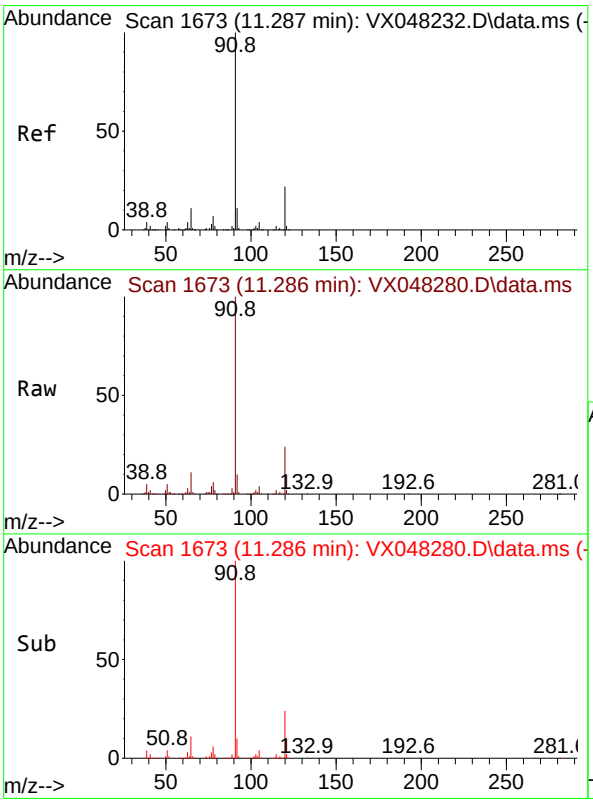
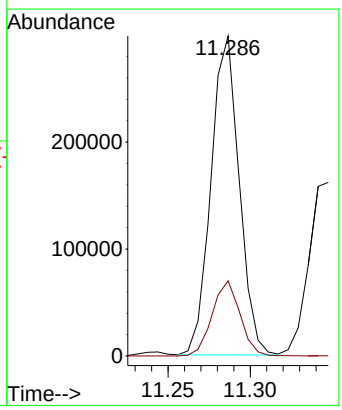
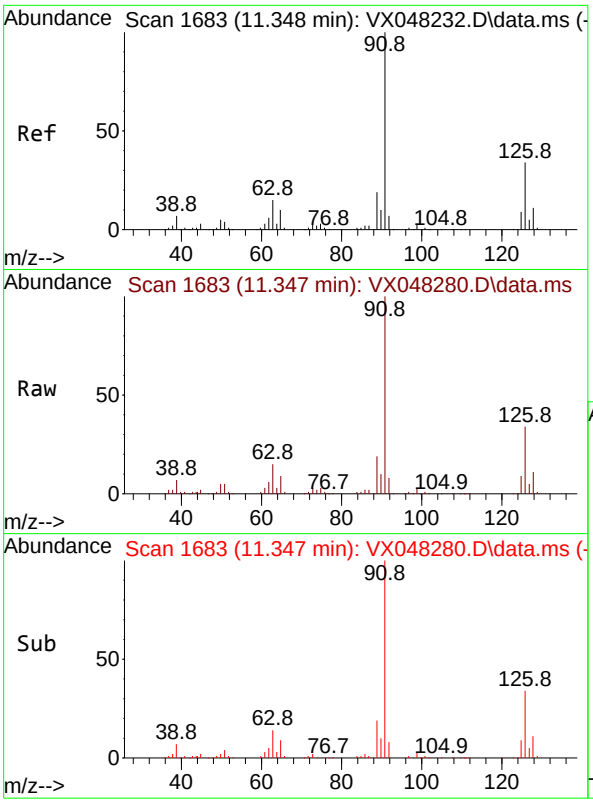



#78
n-propylbenzene
Concen: 55.000 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 356264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.3 | 11.1 | 33.1 |

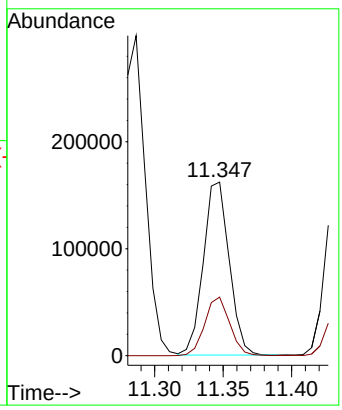





#79
2-Chlorotoluene
Concen: 54.093 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 21243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.8 | 16.4 | 49.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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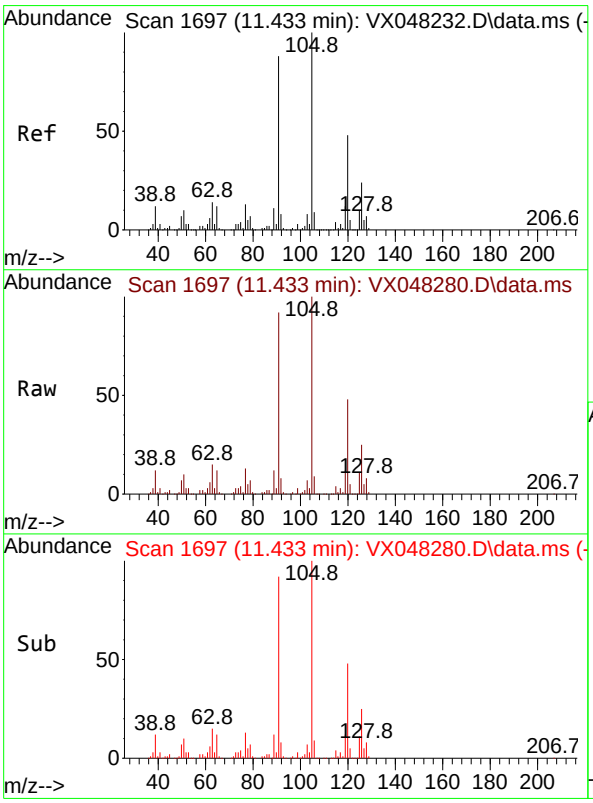
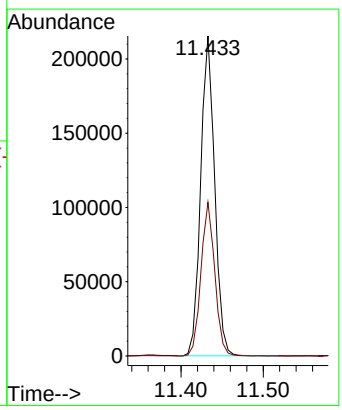
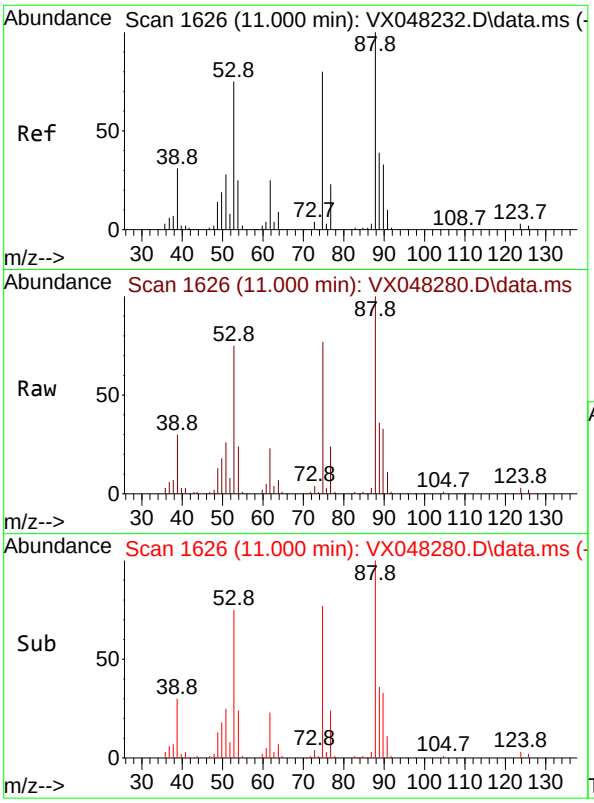



#80
1,3,5-Trimethylbenzene
Concen: 54.818 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:105 Resp: 253794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.6 | 24.0 | 72.0 |






#81
trans-1,4-Dichloro-2-butene
Concen: 50.299 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 2568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 102.3 | 79.5 | 119.3 |
| 89 | 49.9 | 36.8 | 55.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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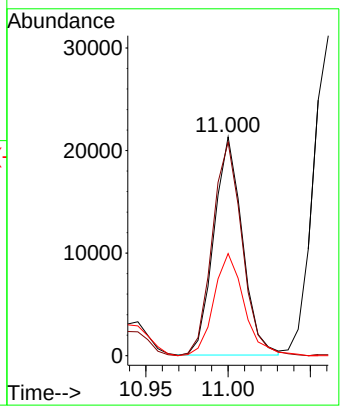
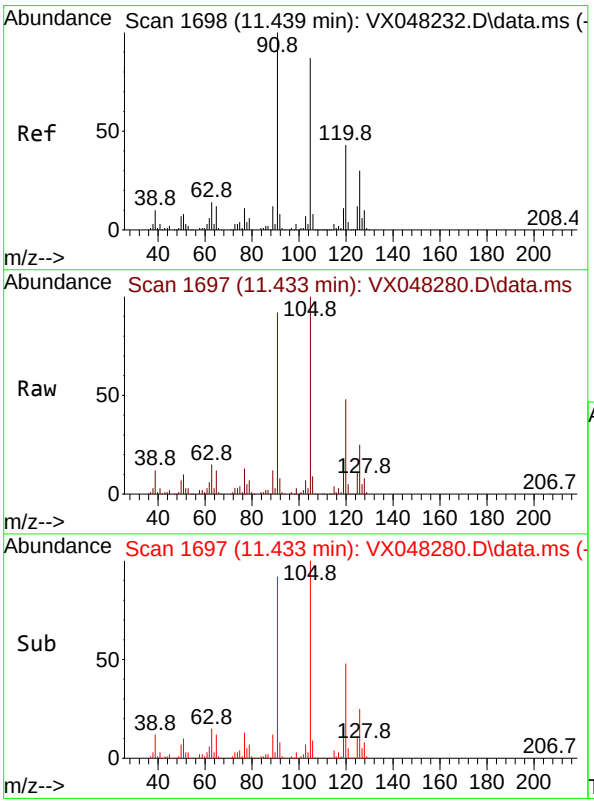
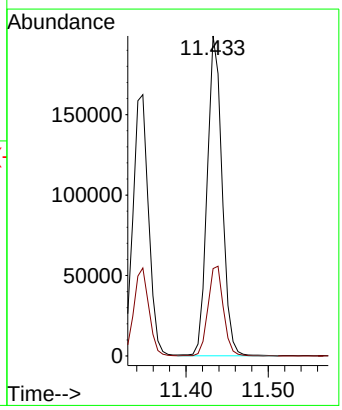


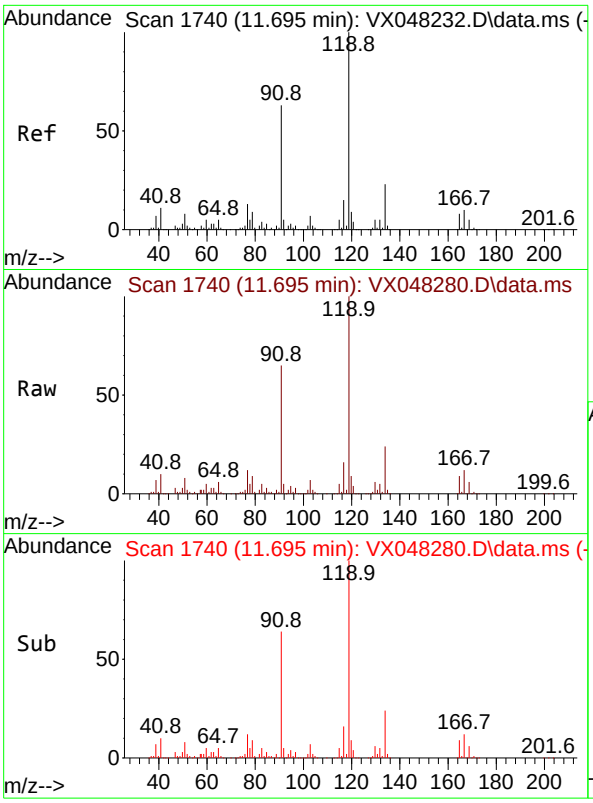




#82
4-Chlorotoluene
Concen: 53.783 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 250734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.0 | 14.1 | 42.4 |

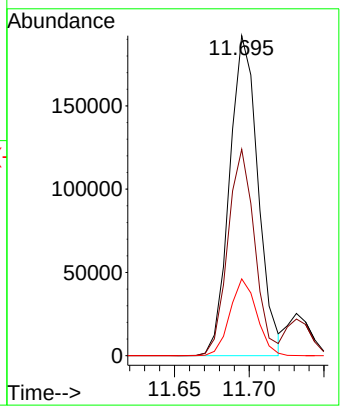





#83
tert-Butylbenzene
Concen: 53.430 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:119 Resp: 25416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 61.2 | 30.3 | 91.0 |
| 134 | 22.6 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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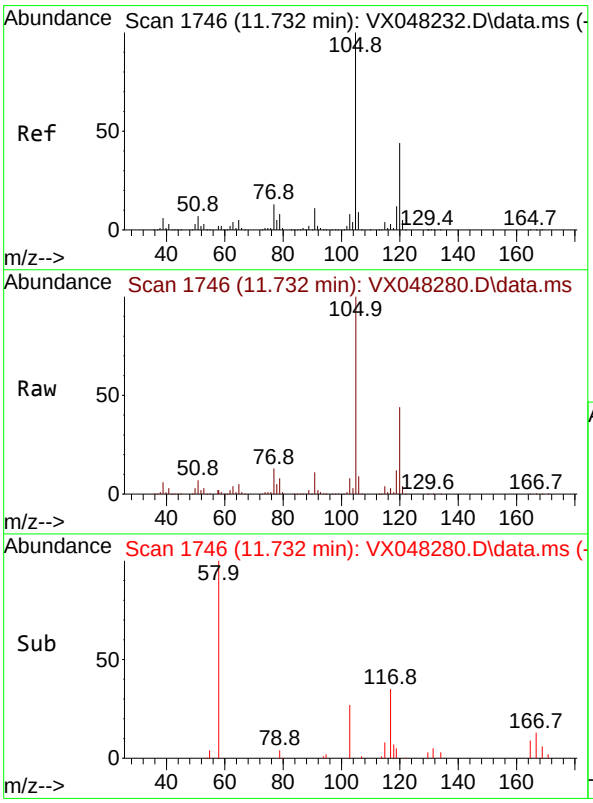
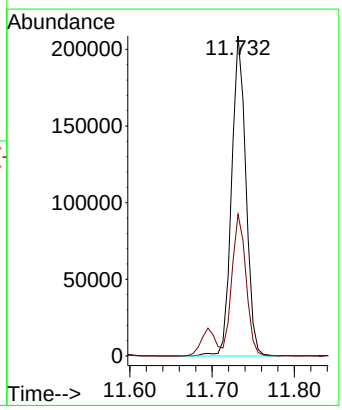
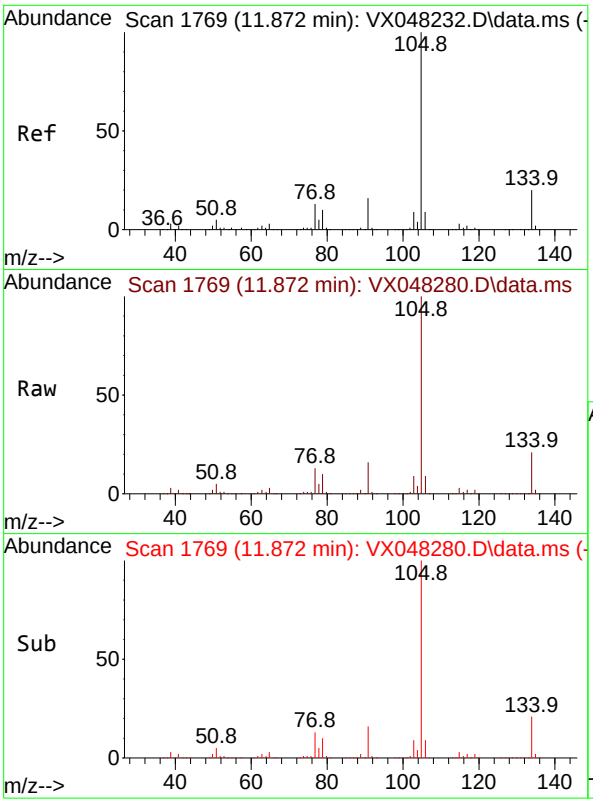



#84
1,2,4-Trimethylbenzene
Concen: 54.596 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:105 Resp: 252256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.6 | 22.1 | 66.5 |

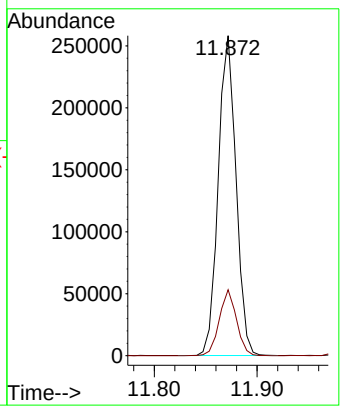





#85
sec-Butylbenzene
Concen: 54.013 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:105 Resp: 30912

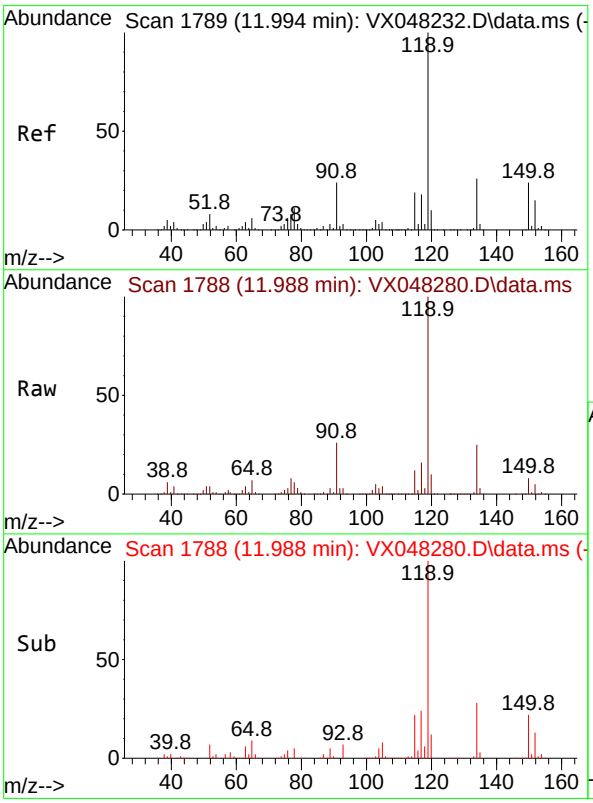
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.0 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

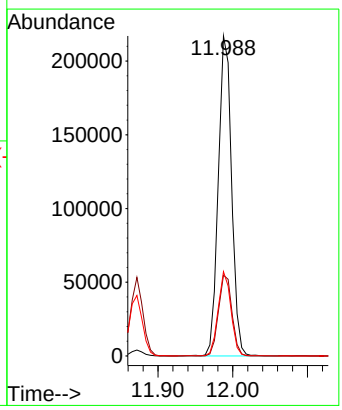
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

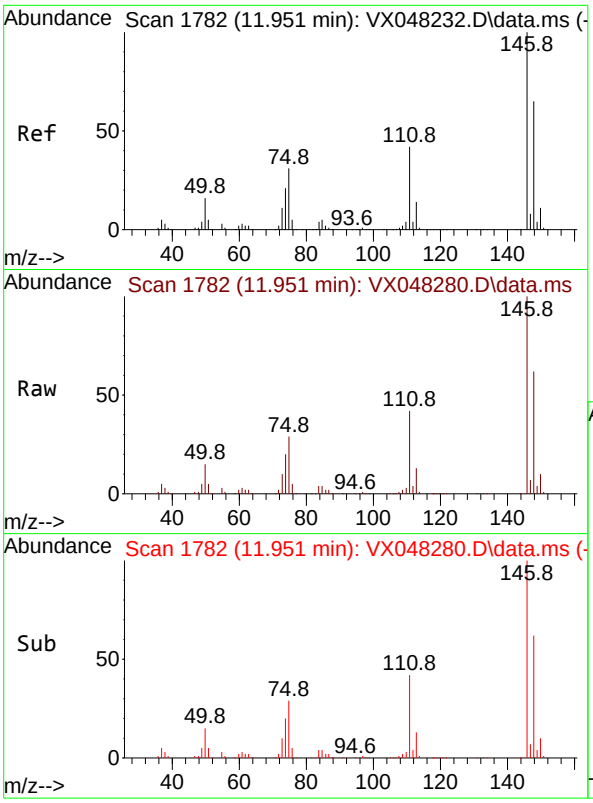



#86
p-Isopropyltoluene
Concen: 54.408 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:119 Resp: 269139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 13.0 | 39.0 |
| 91 | 25.4 | 12.1 | 36.3 |

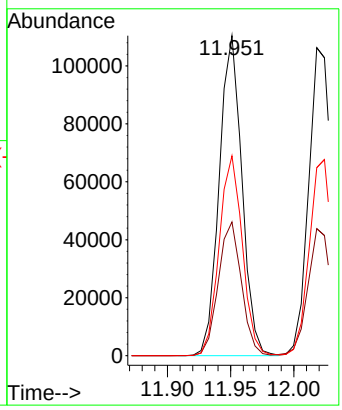





#87
1,3-Dichlorobenzene
Concen: 52.079 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:146 Resp: 13772

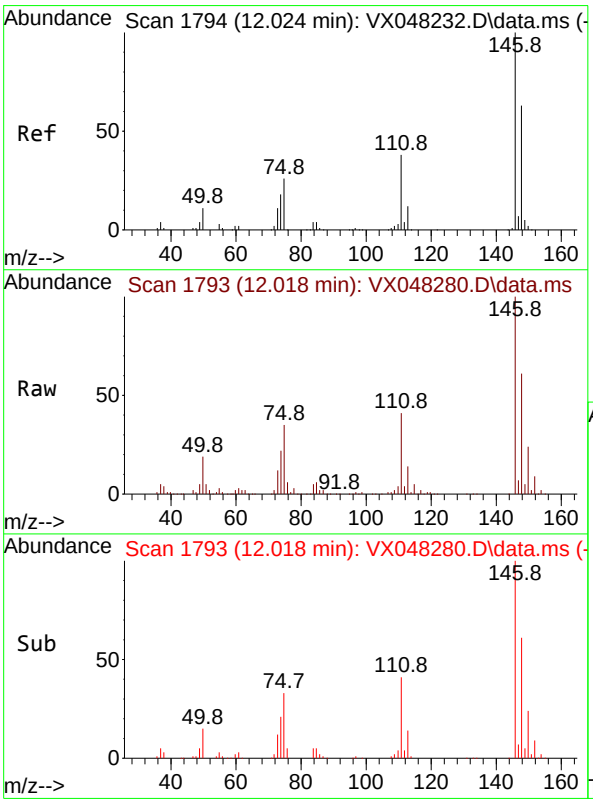
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.6 | 20.4 | 61.2 |
| 148 | 63.9 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

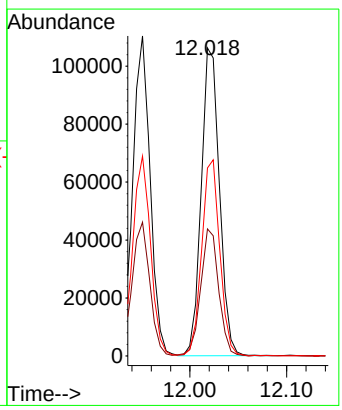
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

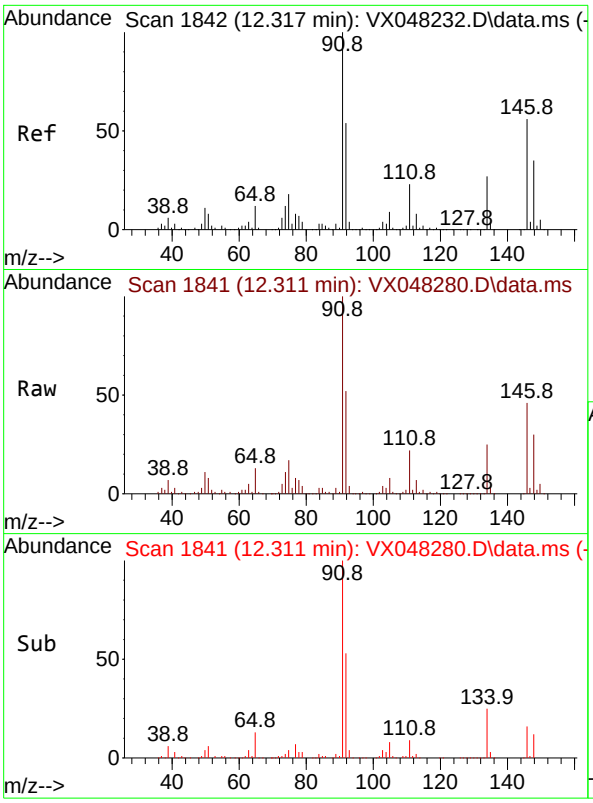



#88
1,4-Dichlorobenzene
Concen: 50.886 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:146 Resp: 139405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.9 | 20.1 | 60.2 |
| 148 | 63.0 | 31.8 | 95.3 |

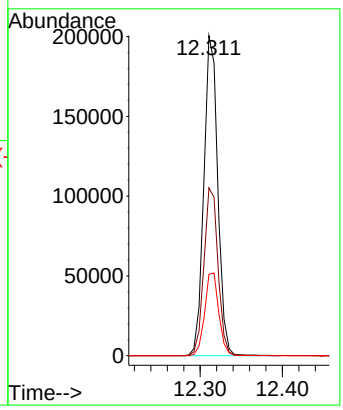





#89
n-Butylbenzene
Concen: 52.334 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 23563

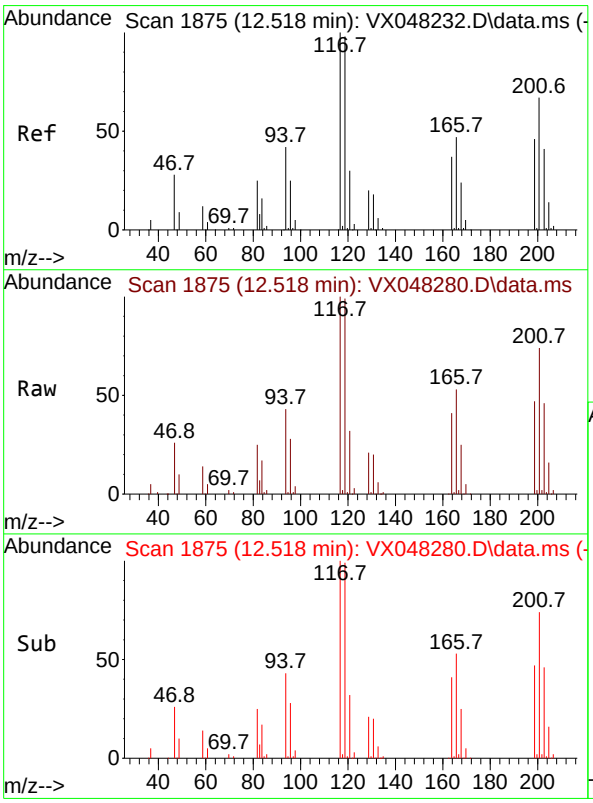
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.3 | 26.9 | 80.6 |
| 134 | 26.2 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

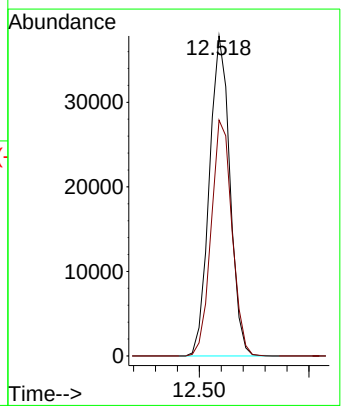
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

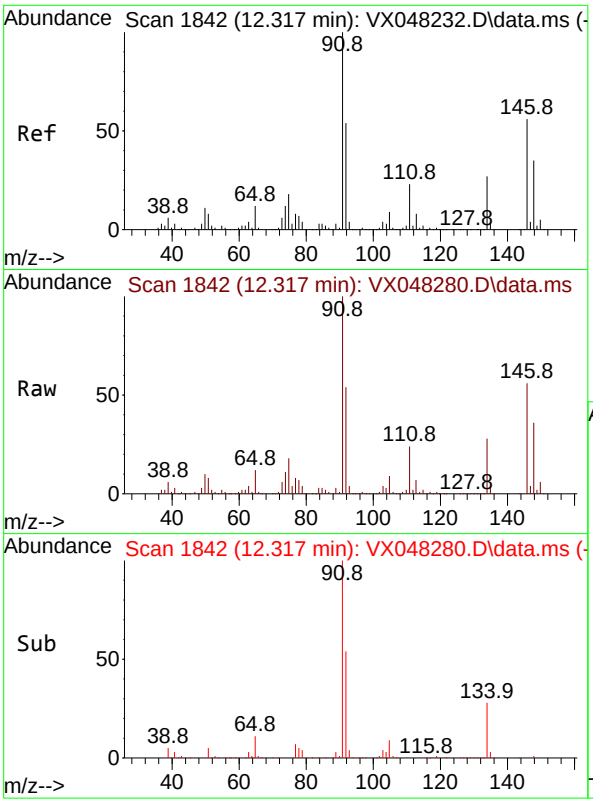



#90
Hexachloroethane
Concen: 50.400 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:117 Resp: 49234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 74.7 | 34.1 | 102.2 |

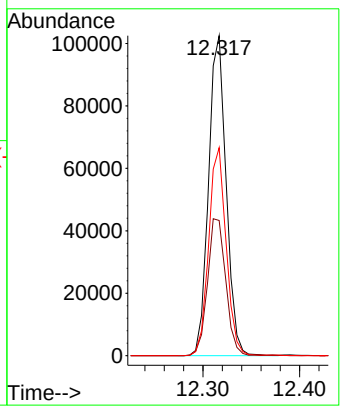





#91
1,2-Dichlorobenzene
Concen: 52.256 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:146 Resp: 12974

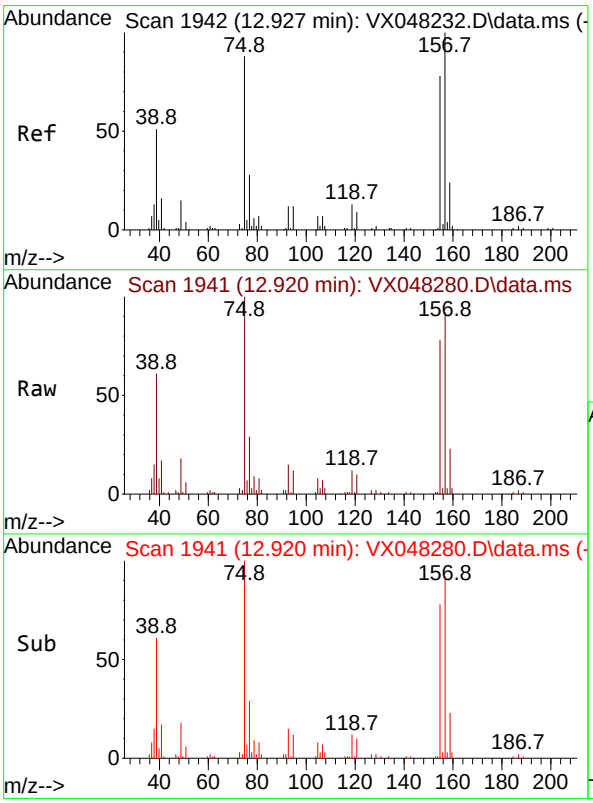
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.6 | 21.9 | 65.5 |
| 148 | 64.7 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

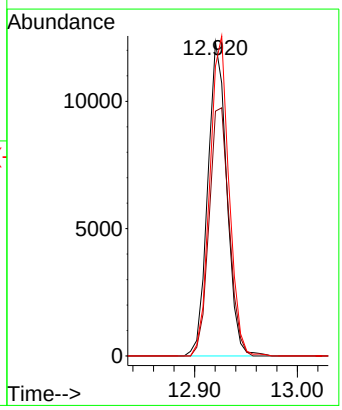
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

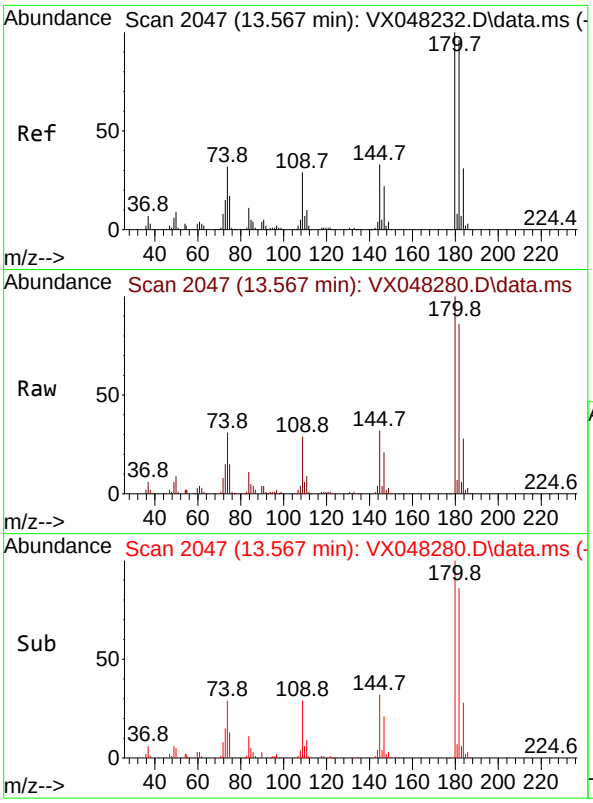



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.071 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 15838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.0 | 42.8 | 128.4 |
| 157 | 102.4 | 54.2 | 162.6 |

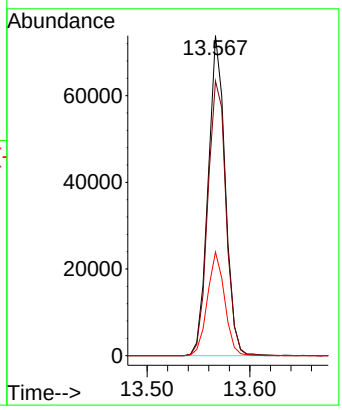





#93
1,2,4-Trichlorobenzene
Concen: 51.009 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:180 Resp: 8564

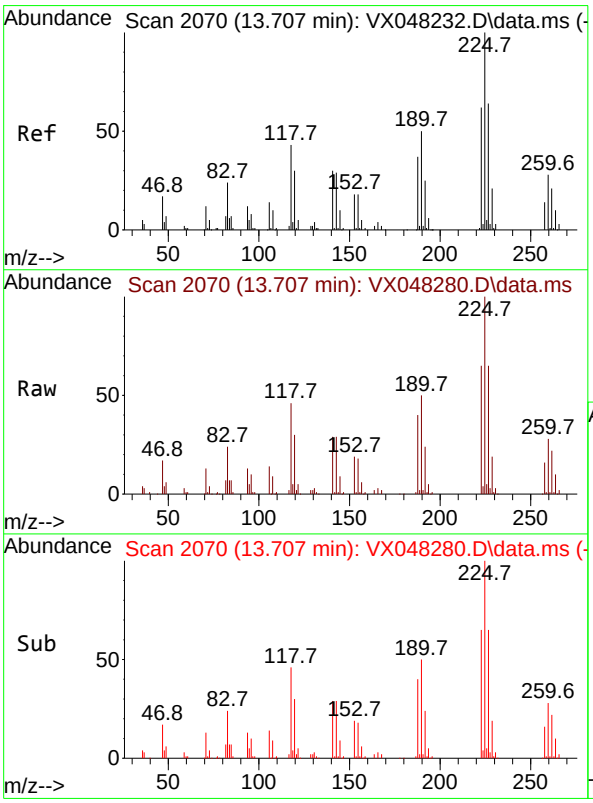
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.2 | 47.3 | 142.0 |
| 145 | 32.5 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

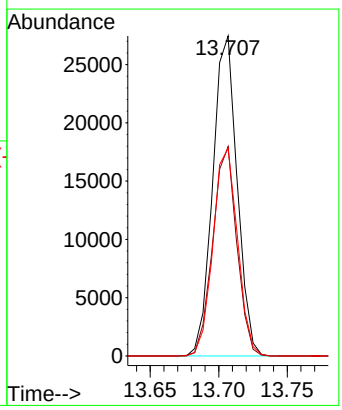
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

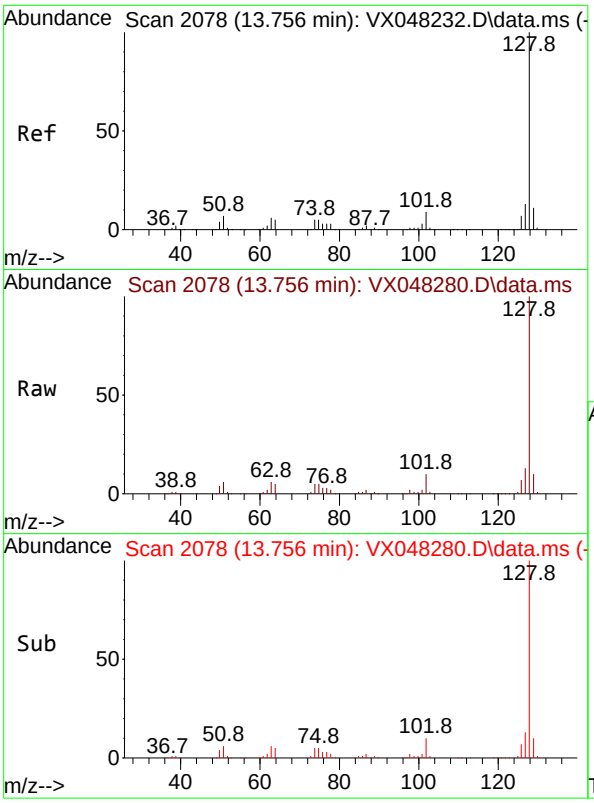



#94
Hexachlorobutadiene
Concen: 54.034 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:225 Resp: 34001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.3 | 32.6 | 97.7 |
| 227 | 65.2 | 32.5 | 97.4 |

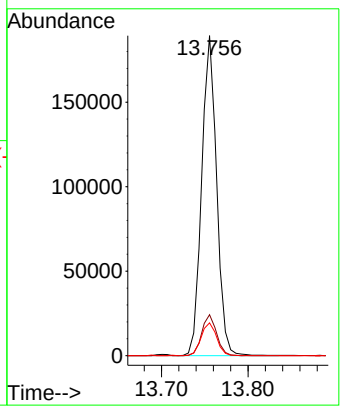





#95
Naphthalene
Concen: 51.017 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:128 Resp: 22694

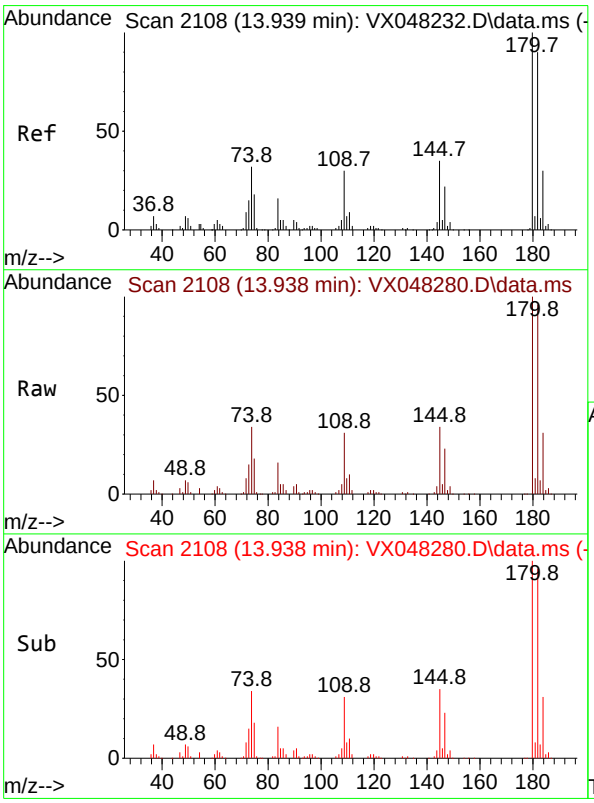
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.7 | 10.2 | 15.4 |
| 129 | 10.6 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

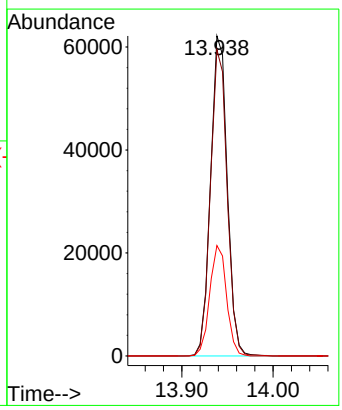
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025




#96
1,2,3-Trichlorobenzene
Concen: 51.255 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:180 Resp: 78971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 46.6 | 139.7 |
| 145 | 34.7 | 16.9 | 50.7 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 91 | -0.01 |
| 2 | T | Dichlorodifluoromethane | 0.514 | 0.578 | -12.5 | 108 | 0.00 |
| 3 | P | Chloromethane | 0.480 | 0.438 | 8.7 | 88 | 0.00 |
| 4 | C | Vinyl Chloride | 0.444 | 0.420 | 5.4# | 91 | 0.00 |
| 5 | T | Bromomethane | 0.302 | 0.297 | 1.7 | 96 | 0.00 |
| 6 | T | Chloroethane | 0.261 | 0.256 | 1.9 | 94 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.852 | 0.951 | -11.6 | 107 | 0.00 |
| 8 | T | Diethyl Ether | 0.240 | 0.231 | 3.7 | 94 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.540 | 0.607 | -12.4 | 110 | 0.00 |
| 10 | T | Methyl Iodide | 0.678 | 0.771 | -13.7 | 105 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.070 | 0.063 | 10.0 | 93 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.525 | 0.556 | -5.9# | 104 | 0.00 |
| 13 | T | Acrolein | 0.071 | 0.085 | -19.7 | 119 | 0.00 |
| 14 | T | Allyl chloride | 0.872 | 0.833 | 4.5 | 94 | 0.00 |
| 15 | T | Acrylonitrile | 0.251 | 0.233 | 7.2 | 88 | 0.00 |
| 16 | T | Acetone | 0.240 | 0.274 | -14.2 | 123 | 0.00 |
| 17 | T | Carbon Disulfide | 1.654 | 1.577 | 4.7 | 99 | 0.00 |
| 18 | T | Methyl Acetate | 0.502 | 0.458 | 8.8 | 89 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.791 | 1.857 | -3.7 | 99 | 0.00 |
| 20 | T | Methylene Chloride | 0.586 | 0.608 | -3.8 | 100 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.577 | 0.603 | -4.5 | 102 | 0.00 |
| 22 | T | Diisopropyl ether | 1.738 | 1.741 | -0.2 | 95 | 0.00 |
| 23 | T | Vinyl Acetate | 1.389 | 1.377 | 0.9 | 93 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.051 | 1.063 | -1.1 | 99 | 0.00 |
| 25 | T | 2-Butanone | 0.304 | 0.297 | 2.3 | 96 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.949 | 1.024 | -7.9 | 106 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.673 | 0.684 | -1.6 | 99 | -0.01 |
| 28 | T | Bromochloromethane | 0.436 | 0.447 | -2.5 | 92 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.182 | 0.159 | 12.6 | 85 | 0.00 |
| 30 | C | Chloroform | 1.123 | 1.158 | -3.1# | 100 | 0.00 |
| 31 | T | Cyclohexane | 0.870 | 0.876 | -0.7 | 97 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.035 | 1.137 | -9.9 | 106 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.701 | 0.677 | 3.4 | 90 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.341 | 0.353 | -3.5 | 91 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.485 | 0.520 | -7.2 | 102 | -0.01 |
| 37 | T | Ethyl Acetate | 0.402 | 0.376 | 6.5 | 87 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.599 | 0.685 | -14.4 | 105 | 0.00 |
| 39 | T | Methylcyclohexane | 0.573 | 0.634 | -10.6 | 100 | 0.00 |
| 40 | TM | Benzene | 1.409 | 1.476 | -4.8 | 96 | -0.01 |
| 41 | T | Methacrylonitrile | 0.211 | 0.208 | 1.4 | 87 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.520 | 0.586 | -12.7 | 100 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.661 | 0.635 | 3.9 | 85 | -0.01 |
| 44 | TM | Trichloroethene | 0.372 | 0.403 | -8.3 | 98 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.335 | 0.349 | -4.2# | 92 | 0.00 |
| 46 | T | Dibromomethane | 0.261 | 0.276 | -5.7 | 95 | 0.00 |
| 47 | T | Bromodichloromethane | 0.563 | 0.621 | -10.3 | 98 | 0.00 |
| 48 | T | Methyl methacrylate | 0.333 | 0.332 | 0.3 | 87 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.004 | 0.004 | 0.0 | 80 | 0.00 |
| 50 | S | Toluene-d8 | 1.196 | 1.188 | 0.7 | 85 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.381 | 0.362 | 5.0 | 82 | 0.00 |
| 52 | CM | Toluene | 0.895 | 0.954 | -6.6# | 94 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.543 | 0.594 | -9.4 | 93 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.586 | 0.625 | -6.7 | 93 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.333 | 0.347 | -4.2 | 92 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.487 | 0.495 | -1.6 | 86 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.568 | 0.591 | -4.0 | 92 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.232 | 0.267 | -15.1 | 87 | 0.00 |
| 59 | T | 2-Hexanone | 0.266 | 0.280 | -5.3 | 89 | 0.00 |
| 60 | T | Dibromochloromethane | 0.447 | 0.470 | -5.1 | 94 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.355 | 0.373 | -5.1 | 93 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.455 | 0.440 | 3.3 | 84 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 82 | 0.00 |
| 64 | T | Tetrachloroethene | 0.373 | 0.399 | -7.0 | 100 | 0.00 |
| 65 | PM | Chlorobenzene | 1.125 | 1.207 | -7.3 | 95 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.413 | 0.452 | -9.4 | 95 | 0.00 |
| 67 | C | Ethyl Benzene | 1.915 | 2.078 | -8.5# | 93 | 0.00 |
| 68 | T | m/p-Xylenes | 0.712 | 0.782 | -9.8 | 93 | 0.00 |
| 69 | T | o-Xylene | 0.687 | 0.747 | -8.7 | 92 | 0.00 |
| 70 | T | Styrene | 1.170 | 1.308 | -11.8 | 94 | 0.00 |
| 71 | P | Bromoform | 0.330 | 0.351 | -6.4 | 93 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 83 | 0.00 |
| 73 | T | Isopropylbenzene | 3.652 | 3.981 | -9.0 | 96 | 0.00 |
| 74 | T | N-amyl acetate | 1.295 | 1.255 | 3.1 | 83 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.997 | 0.983 | 1.4 | 86 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.811 | 0.825 | -1.7 | 93 | 0.00 |
| 77 | T | Bromobenzene | 0.916 | 0.980 | -7.0 | 94 | 0.00 |
| 78 | T | n-propylbenzene | 4.228 | 4.651 | -10.0 | 96 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.564 | 2.773 | -8.2 | 96 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.022 | 3.313 | -9.6 | 96 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.333 | 0.335 | -0.6 | 88 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.043 | 3.274 | -7.6 | 94 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.105 | 3.318 | -6.9 | 94 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.016 | 3.293 | -9.2 | 95 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.736 | 4.036 | -8.0 | 96 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.229 | 3.514 | -8.8 | 97 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.726 | 1.798 | -4.2 | 96 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.788 | 1.820 | -1.8 | 95 | 0.00 |
| 89 | T | n-Butylbenzene | 2.939 | 3.076 | -4.7 | 97 | 0.00 |
| 90 | T | Hexachloroethane | 0.638 | 0.643 | -0.8 | 93 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.621 | 1.694 | -4.5 | 94 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.202 | 0.207 | -2.5 | 88 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.096 | 1.118 | -2.0 | 96 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.507 | 0.444 | 12.4 | 98 | 0.00 |
| 95 | T | Naphthalene | 2.904 | 2.963 | -2.0 | 88 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 1.006 | 1.031 | -2.5 | 94 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 91 | -0.01 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 56.241 | -12.5 | 108 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 45.630 | 8.7 | 88 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 47.239 | 5.5# | 91 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 49.271 | 1.5 | 96 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 49.038 | 1.9 | 94 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 55.808 | -11.6 | 107 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 48.077 | 3.8 | 94 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 56.225 | -12.5 | 110 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 56.868 | -13.7 | 105 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 227.724 | 8.9 | 93 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 52.943 | -5.9# | 104 | 0.00 |
| 13 | T | Acrolein | 250.000 | 300.005 | -20.0 | 119 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 47.813 | 4.4 | 94 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 232.450 | 7.0 | 88 | 0.00 |
| 16 | T | Acetone | 250.000 | 284.337 | -13.7 | 123 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 47.654 | 4.7 | 99 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 45.566 | 8.9 | 89 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 51.835 | -3.7 | 99 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 51.912 | -3.8 | 100 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 52.315 | -4.6 | 102 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 50.085 | -0.2 | 95 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 247.880 | 0.8 | 93 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 50.586 | -1.2 | 99 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 244.037 | 2.4 | 96 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 53.950 | -7.9 | 106 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 50.857 | -1.7 | 99 | -0.01 |
| 28 | T | Bromochloromethane | 50.000 | 51.316 | -2.6 | 92 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 218.666 | 12.5 | 85 | 0.00 |
| 30 | C | Chloroform | 50.000 | 51.559 | -3.1# | 100 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 50.349 | -0.7 | 97 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 54.907 | -9.8 | 106 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 48.250 | 3.5 | 90 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 85 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 51.667 | -3.3 | 91 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 53.632 | -7.3 | 102 | -0.01 |
| 37 | T | Ethyl Acetate | 50.000 | 46.733 | 6.5 | 87 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 57.216 | -14.4 | 105 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 55.285 | -10.6 | 100 | 0.00 |
| 40 | TM | Benzene | 50.000 | 52.383 | -4.8 | 96 | -0.01 |
| 41 | T | Methacrylonitrile | 50.000 | 49.349 | 1.3 | 87 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 56.333 | -12.7 | 100 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 48.053 | 3.9 | 85 | -0.01 |
| 44 | TM | Trichloroethene | 50.000 | 54.227 | -8.5 | 98 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 52.114 | -4.2# | 92 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 52.817 | -5.6 | 95 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 55.092 | -10.2 | 98 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 49.735 | 0.5 | 87 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 951.387 | 4.9 | 80 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 49.640 | 0.7 | 85 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 237.329 | 5.1 | 82 | 0.00 |
| 52 | CM | Toluene | 50.000 | 53.307 | -6.6# | 94 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 54.699 | -9.4 | 93 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 53.352 | -6.7 | 93 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 52.167 | -4.3 | 92 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 50.869 | -1.7 | 86 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 52.019 | -4.0 | 92 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 255.311 | -2.1 | 87 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 263.703 | -5.5 | 89 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 52.530 | -5.1 | 94 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 52.565 | -5.1 | 93 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 48.352 | 3.3 | 84 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 82 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 53.469 | -6.9 | 100 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 53.663 | -7.3 | 95 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 54.756 | -9.5 | 95 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 54.267 | -8.5# | 93 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 109.959 | -10.0 | 93 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 54.361 | -8.7 | 92 | 0.00 |
| 70 | T | Styrene | 50.000 | 55.916 | -11.8 | 94 | 0.00 |
| 71 | P | Bromoform | 50.000 | 53.153 | -6.3 | 93 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 83 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 54.500 | -9.0 | 96 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 48.424 | 3.2 | 83 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 49.292 | 1.4 | 86 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 50.882 | -1.8 | 93 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 53.507 | -7.0 | 94 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 55.000 | -10.0 | 96 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 54.093 | -8.2 | 96 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 54.818 | -9.6 | 96 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 50.299 | -0.6 | 88 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 53.783 | -7.6 | 94 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 53.430 | -6.9 | 94 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 54.596 | -9.2 | 95 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 54.013 | -8.0 | 96 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 54.408 | -8.8 | 97 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 52.079 | -4.2 | 96 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 50.886 | -1.8 | 95 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 52.334 | -4.7 | 97 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 50.400 | -0.8 | 93 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 52.256 | -4.5 | 94 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 51.071 | -2.1 | 88 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 51.009 | -2.0 | 96 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 54.034 | -8.1 | 98 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 51.017 | -2.0 | 88 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 51.255 | -2.5 | 94 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_X | Calibration Date/Time: 10/22/2025 18:36

Lab File ID: VX048308.D | Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 10:59 13:49

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Vinyl Chloride | 0.444 | 0.551 | | 24.1 | 50 |
| 1,1-Dichloroethene | 0.525 | 0.380 | | -27.62 | 50 |
| 2-Butanone | 0.304 | 0.276 | | -9.21 | 50 |
| Carbon Tetrachloride | 0.599 | 0.488 | | -18.53 | 50 |
| Chloroform | 1.123 | 1.031 | | -8.19 | 50 |
| Benzene | 1.409 | 1.296 | | -8.02 | 50 |
| 1,2-Dichloroethane | 0.520 | 0.475 | | -8.65 | 50 |
| Trichloroethene | 0.372 | 0.354 | | -4.84 | 50 |
| Tetrachloroethene | 0.373 | 0.382 | | 2.41 | 50 |
| Chlorobenzene | 1.125 | 1.011 | 0.3 | -10.13 | 50 |
| 1,2-Dichloroethane-d4 | 0.701 | 0.593 | | -15.41 | 50 |
| Dibromofluoromethane | 0.341 | 0.295 | | -13.49 | 50 |
| Toluene-d8 | 1.196 | 1.171 | | -2.09 | 50 |
| 4-Bromofluorobenzene | 0.455 | 0.303 | | -33.41 | 50 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 165808 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 262018 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 162404 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 79762 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 98371 | 42.315 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 84.620% | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 77200 | 43.158 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 86.320% | | |
| 50) Toluene-d8 | 8.635 | 98 | 306881 | 48.945 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 97.900% | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 79463 | 33.314 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 66.620%# | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 66177 | 38.824 | ug/l | 97 |
| 3) Chloromethane | 1.301 | 50 | 37608 | 23.638 | ug/l | 95 |
| 4) Vinyl Chloride | 1.380 | 62 | 91377 | 62.022 | ug/l | 100 |
| 5) Bromomethane | 1.612 | 94 | 32351 | 32.356 | ug/l | 97 |
| 6) Chloroethane | 1.697 | 64 | 56587 | 65.362 | ug/l | 94 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 146591 | 51.880 | ug/l | 99 |
| 8) Diethyl Ether | 2.136 | 74 | 53679 | 67.517 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 60114 | 33.597 | ug/l | 94 |
| 10) Methyl Iodide | 2.459 | 142 | 181583 | 80.726 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.941 | 59 | 32336 | 140.093 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 62980 | 36.180 | ug/l | 92 |
| 13) Acrolein | 2.233 | 56 | 74306 | 315.647 | ug/l | 99 |
| 14) Allyl chloride | 2.666 | 41 | 79895 | 27.644 | ug/l | 91 |
| 15) Acrylonitrile | 3.056 | 53 | 114921 | 138.075 | ug/l | 100 |
| 16) Acetone | 2.374 | 43 | 95807 | 120.131 | ug/l | 98 |
| 17) Carbon Disulfide | 2.514 | 76 | 139872 | 25.495 | ug/l | 98 |
| 18) Methyl Acetate | 2.697 | 43 | 59506 | 35.728 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 185328 | 31.207 | ug/l | 96 |
| 20) Methylene Chloride | 2.788 | 84 | 57361 | 29.518 | ug/l | 91 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 57282 | 29.957 | ug/l | 97 |
| 22) Diisopropyl ether | 3.751 | 45 | 291884 | 50.635 | ug/l | 96 |
| 23) Vinyl Acetate | 3.715 | 43 | 1110692 | 241.211 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 110925 | 31.824 | ug/l | 99 |
| 25) 2-Butanone | 4.538 | 43 | 228459 | 226.319 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.471 | 77 | 135695 | 43.131 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 109379 | 49.014 | ug/l | 96 |
| 28) Bromochloromethane | 4.891 | 49 | 75080 | 51.950 | ug/l | 96 |
| 29) Tetrahydrofuran | 4.989 | 42 | 151482 | 250.563 | ug/l | 98 |
| 30) Chloroform | 5.080 | 83 | 171030 | 45.928 | ug/l | 99 |
| 31) Cyclohexane | 5.458 | 56 | 143903 | 49.868 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 152924 | 44.558 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.678 | 75 | 115364 | 45.375 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 115541 | 54.827 | ug/l | 95 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 127792 | 40.741 | ug/l | 95 |
| 39) Methylcyclohexane | 7.367 | 83 | 142533 | 47.470 | ug/l | 94 |
| 40) Benzene | 6.025 | 78 | 339549 | 46.000 | ug/l | 97 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.904 | 41 | 56448 | 51.006 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 124472 | 45.697 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.324 | 43 | 179767 | 51.932 | ug/l | | 97 |
| 44) Trichloroethene | 7.111 | 130 | 92885 | 47.655 | ug/l | | 95 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 88398 | 50.369 | ug/l | | 98 |
| 46) Dibromomethane | 7.568 | 93 | 61658 | 45.095 | ug/l | | 94 |
| 47) Bromodichloromethane | 7.806 | 83 | 131135 | 44.420 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.678 | 41 | 83930 | 48.050 | ug/l | | 96 |
| 49) 1,4-Dioxane | 7.641 | 88 | 20301 | 879.716 | ug/l | | 91 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 516932 | 259.006 | ug/l | | 97 |
| 52) Toluene | 8.702 | 92 | 226635 | 48.329 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 123757 | 43.501 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 131492 | 42.840 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 67181 | 38.524 | ug/l | | 99 |
| 56) Ethyl methacrylate | 9.098 | 69 | 114708 | 44.971 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 94925 | 31.867 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 350352 | 255.410 | ug/l | | 99 |
| 59) 2-Hexanone | 9.415 | 43 | 211292 | 151.826 | ug/l | | 95 |
| 60) Dibromochloromethane | 9.507 | 129 | 69937 | 29.838 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 57700 | 31.036 | ug/l | | 97 |
| 64) Tetrachloroethene | 9.257 | 164 | 62003 | 51.141 | ug/l | | 98 |
| 65) Chlorobenzene | 10.061 | 112 | 164147 | 44.931 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 61612 | 45.916 | ug/l | | 97 |
| 67) Ethyl Benzene | 10.177 | 91 | 285001 | 45.820 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 217045 | 93.917 | ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 103036 | 46.180 | ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 177742 | 46.785 | ug/l | | 99 |
| 71) Bromoform | 10.781 | 173 | 45139 | 42.089 | ug/l | # | 97 |
| 73) Isopropylbenzene | 10.945 | 105 | 280008 | 48.063 | ug/l | | 99 |
| 74) N-amyl acetate | 10.823 | 43 | 94223 | 45.596 | ug/l | | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 70007 | 44.003 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 65667m | 50.768 | ug/l | | |
| 77) Bromobenzene | 11.183 | 156 | 70363 | 48.168 | ug/l | | 93 |
| 78) n-propylbenzene | 11.287 | 91 | 322187 | 47.765 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 192865 | 47.160 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 231776 | 48.075 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 17468 | 32.856 | ug/l | # | 93 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 226624 | 46.681 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 228741 | 46.177 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 230093 | 47.822 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 273283 | 45.855 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 240774 | 46.741 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 122488 | 44.479 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 125212 | 43.891 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 209483 | 44.679 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 37811 | 37.170 | ug/l | | 88 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 117796 | 45.560 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.921 | 75 | 15163 | 46.953 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 81717 | 46.736 | ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 32287 | 49.279 | ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 220659 | 47.634 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 75696 | 47.178 | ug/l | | 97 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| 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\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
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**ClientSampleId :**
VSTDCCC050EC

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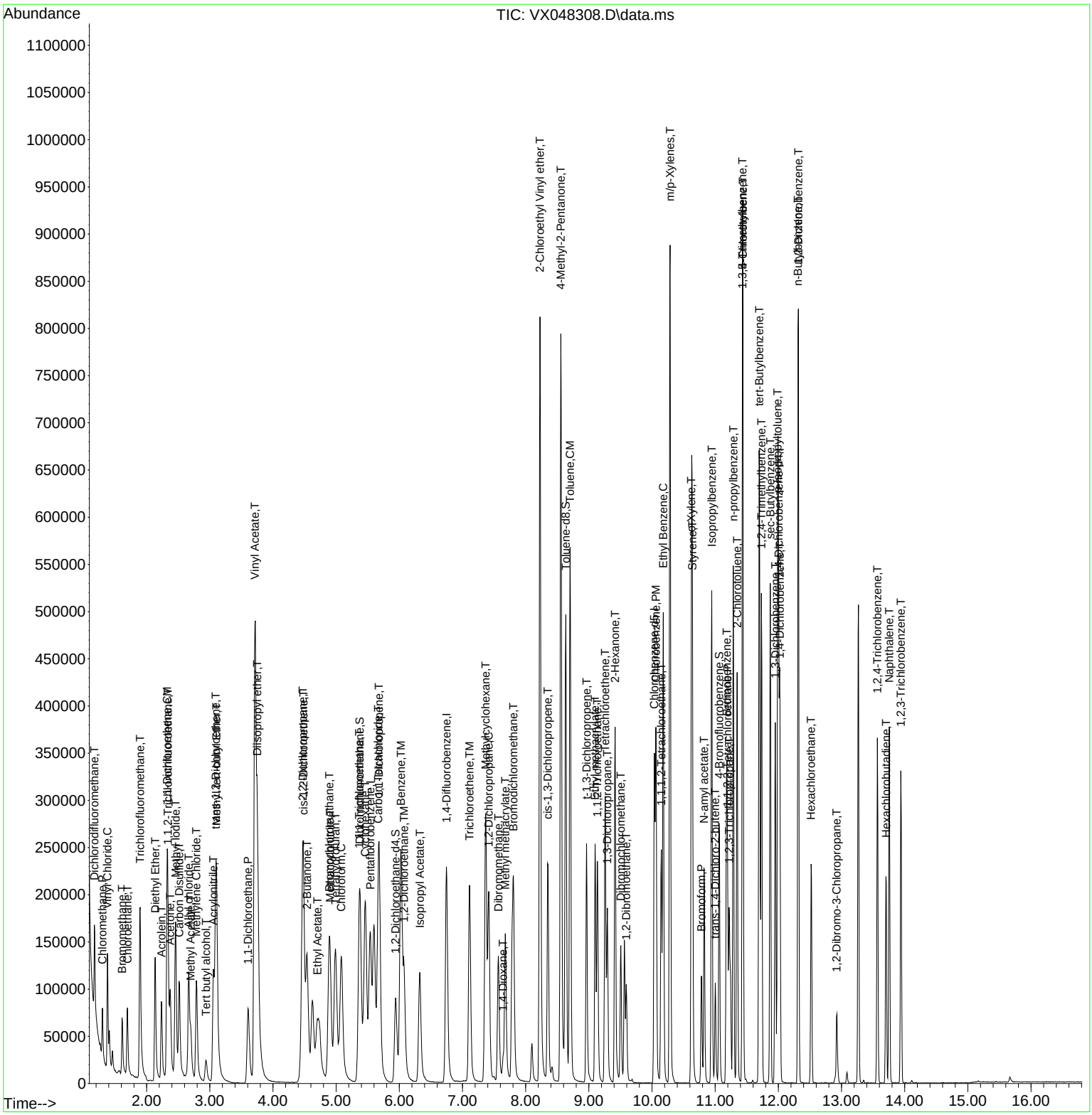
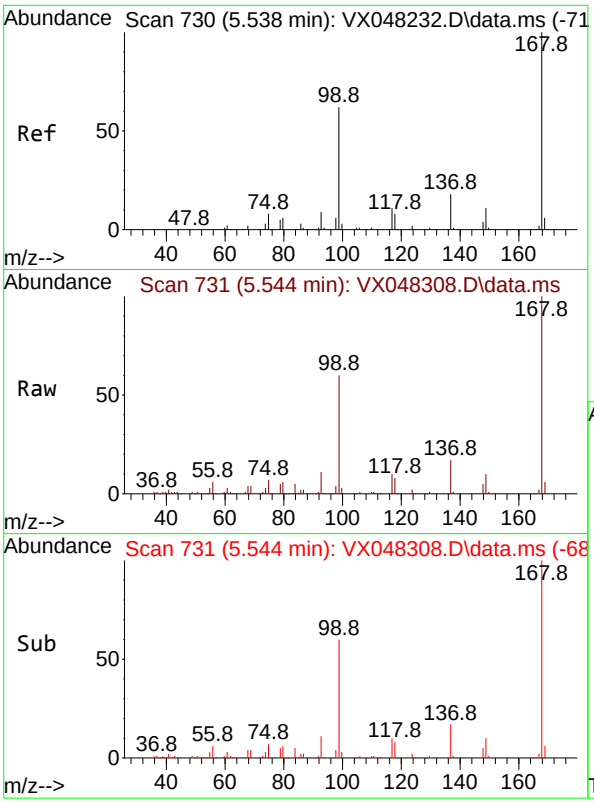
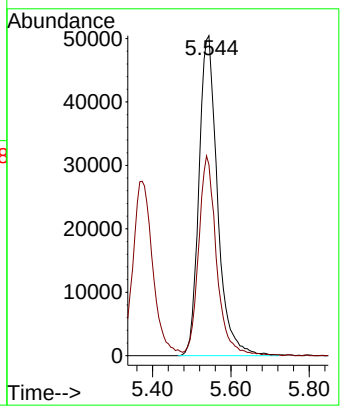





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:168 Resp: 16580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.4 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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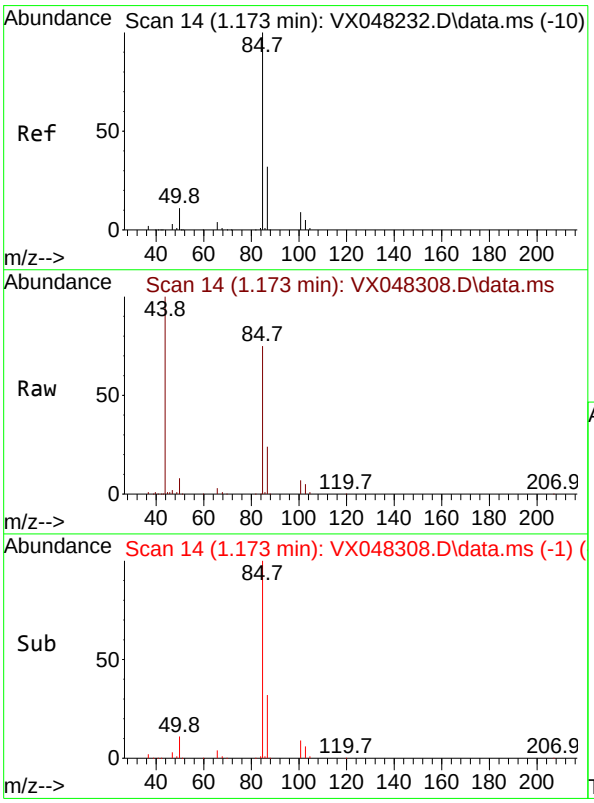
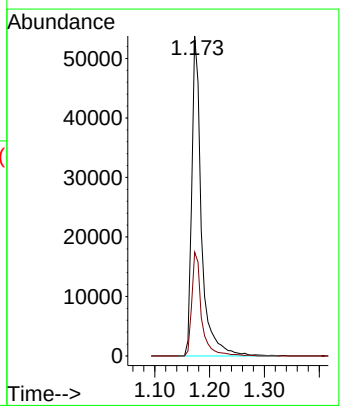
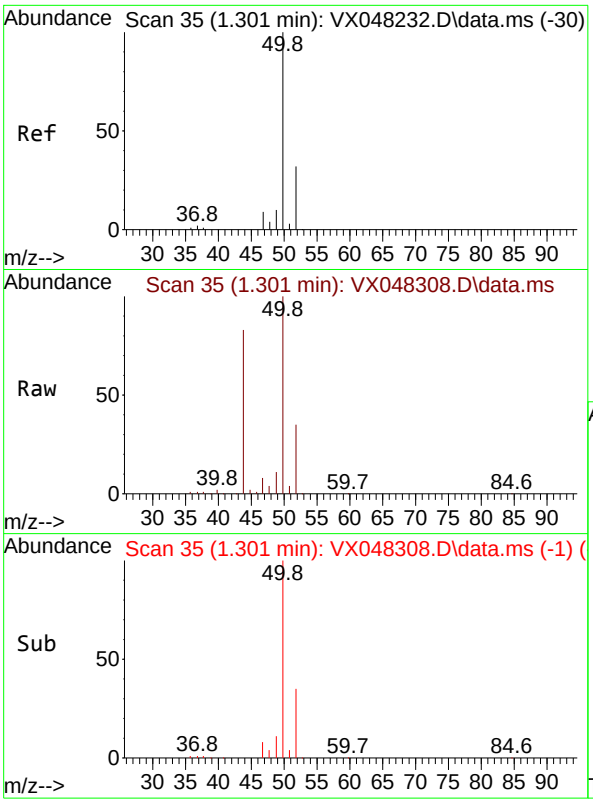



#2
Dichlorodifluoromethane
Concen: 38.824 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 85 Resp: 66177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.4 | 15.3 | 45.9 |

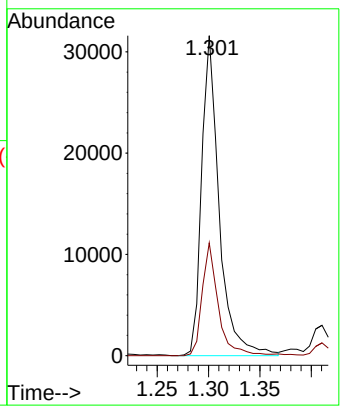





#3
Chloromethane
Concen: 23.638 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 50 Resp: 3760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.3 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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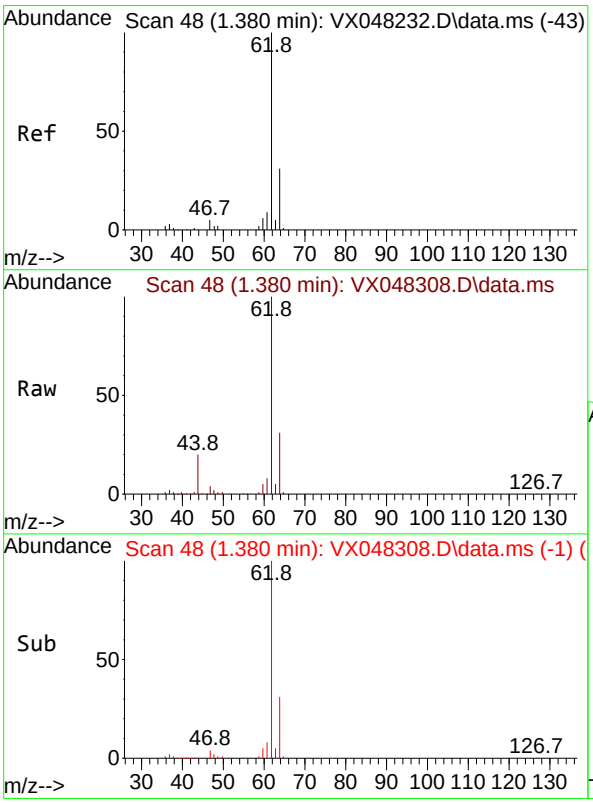
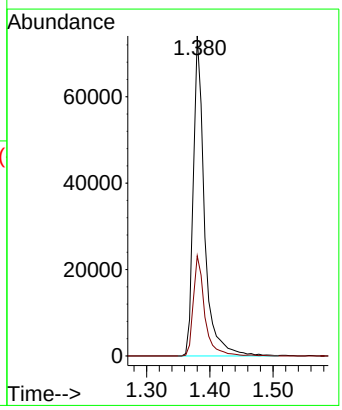
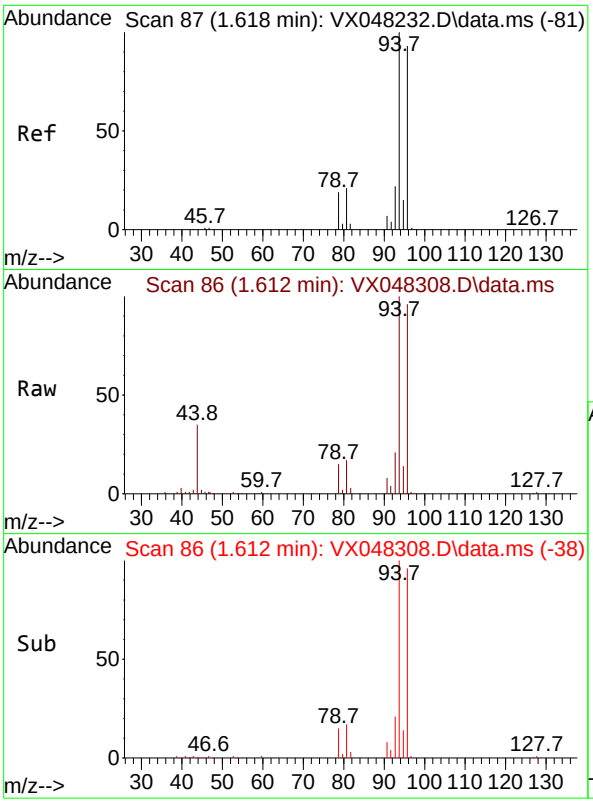



#4
Vinyl Chloride
Concen: 62.022 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 62 Resp: 91377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.3 | 25.1 | 37.7 |

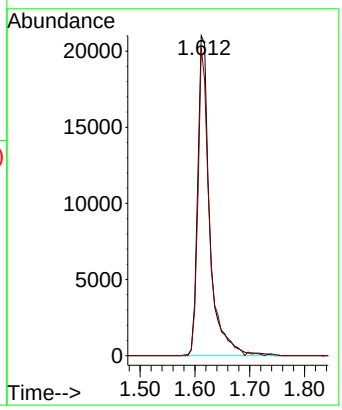





#5
Bromomethane
Concen: 32.356 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 94 Resp: 3235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 97.6 | 76.0 | 114.0 |




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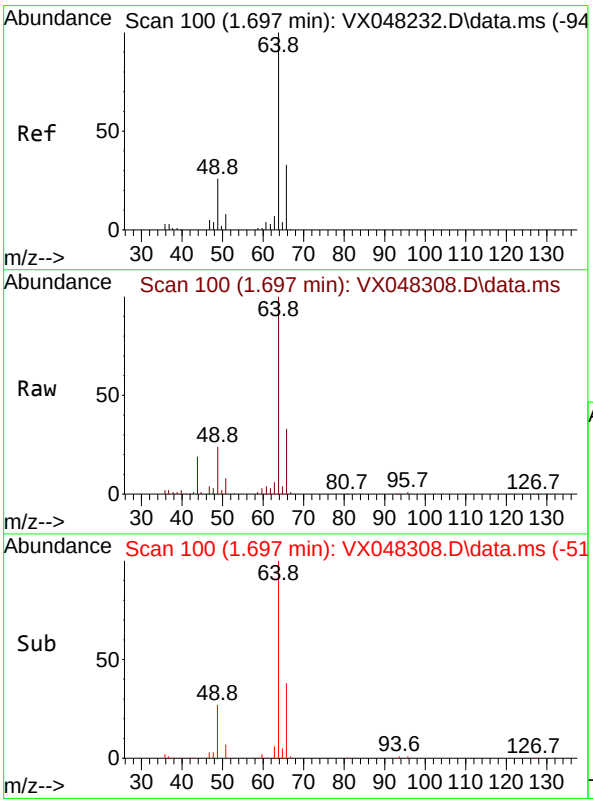
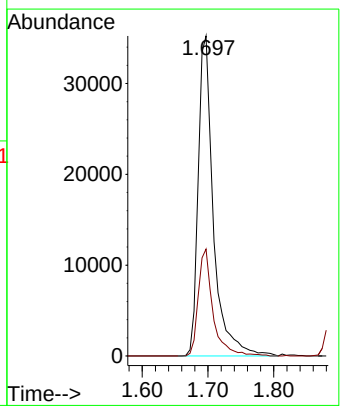
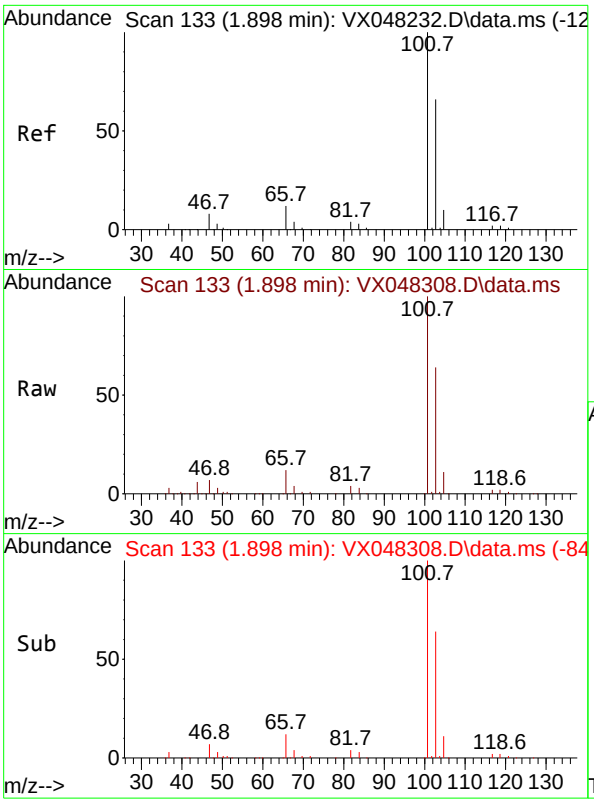



#6
Chloroethane
Concen: 65.362 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 64 Resp: 56587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.4 | 23.9 | 35.9 |

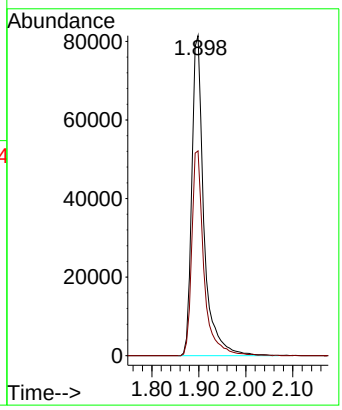





#7
Trichlorofluoromethane
Concen: 51.880 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:101 Resp: 14659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.0 | 51.6 | 77.4 |

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VSTDCCC050EC

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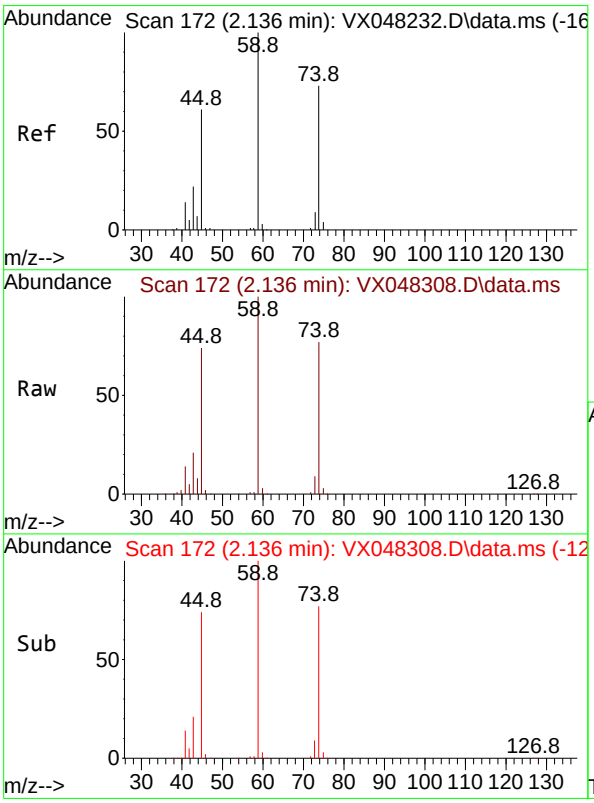
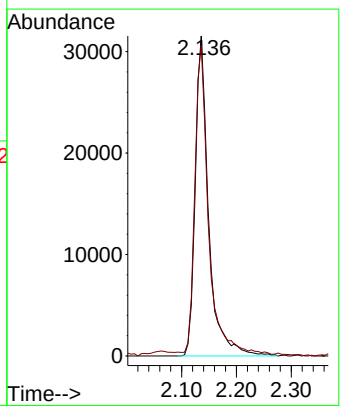
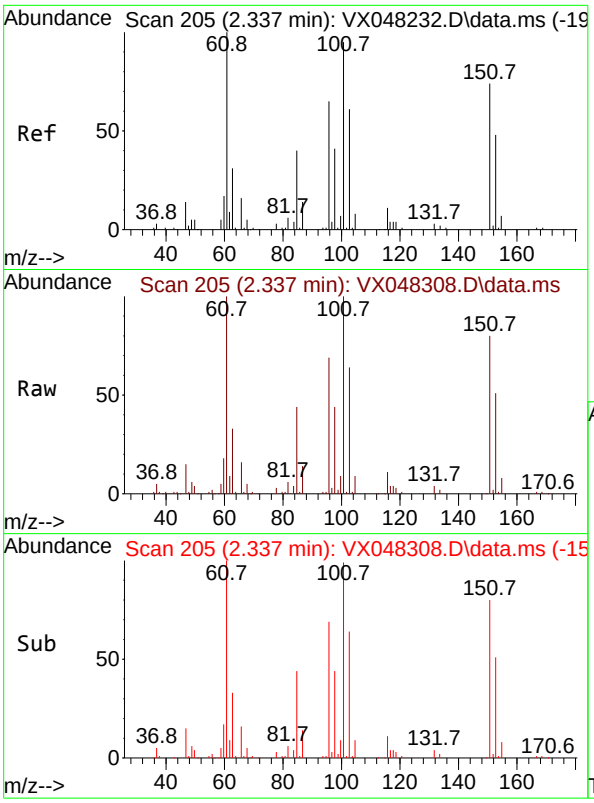



#8
Diethyl Ether
Concen: 67.517 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 74 Resp: 53679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 98.7 | 50.0 | 149.8 |






#9
1,1,2-Trichlorotrifluoroethane
Concen: 33.597 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:101 Resp: 6011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.8 | 35.6 | 53.4 |
| 151 | 79.4 | 58.0 | 87.0 |

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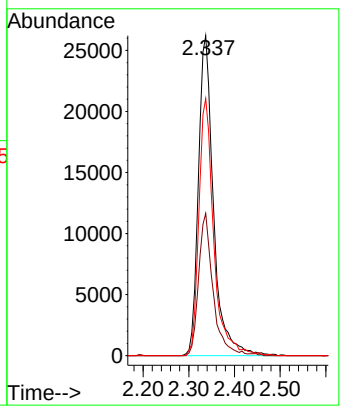
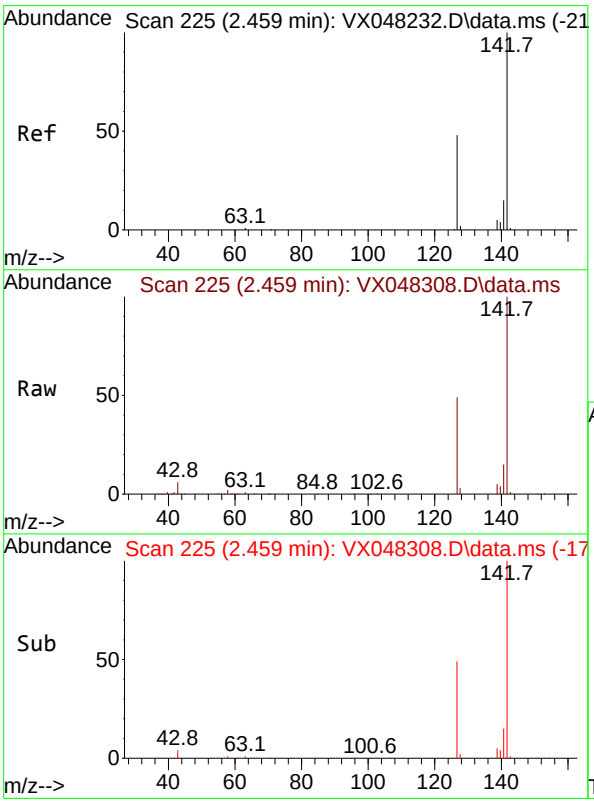
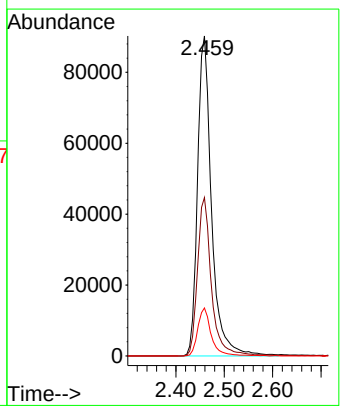


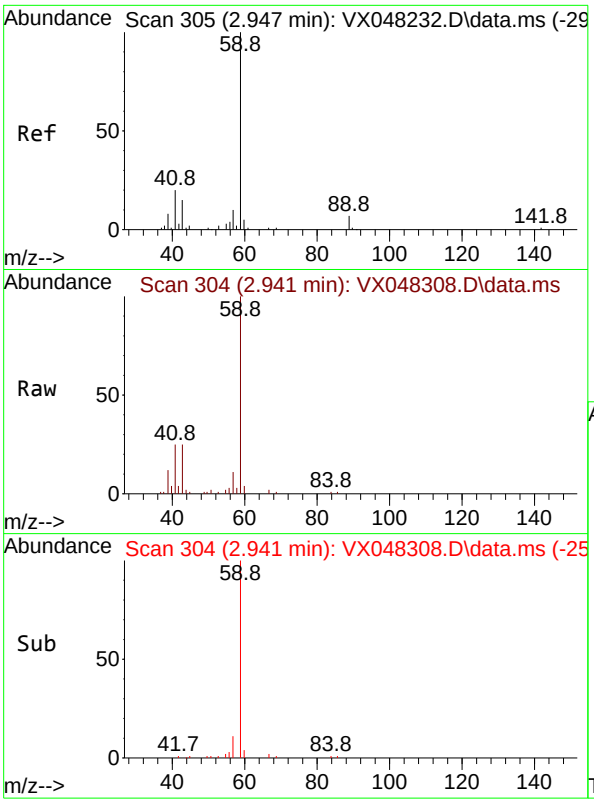




#10
Methyl Iodide
Concen: 80.726 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:142 Resp: 181583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 49.3 | 38.5 | 57.7 |
| 141 | 14.5 | 11.6 | 17.4 |

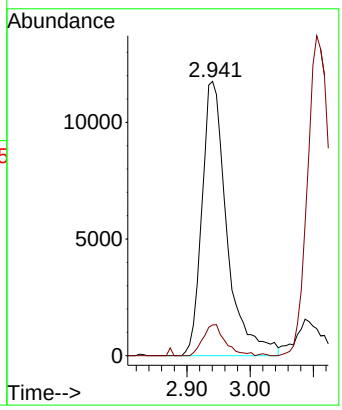





#11
Tert butyl alcohol
Concen: 140.093 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 59 Resp: 3233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.0 | 8.2 | 12.4 |

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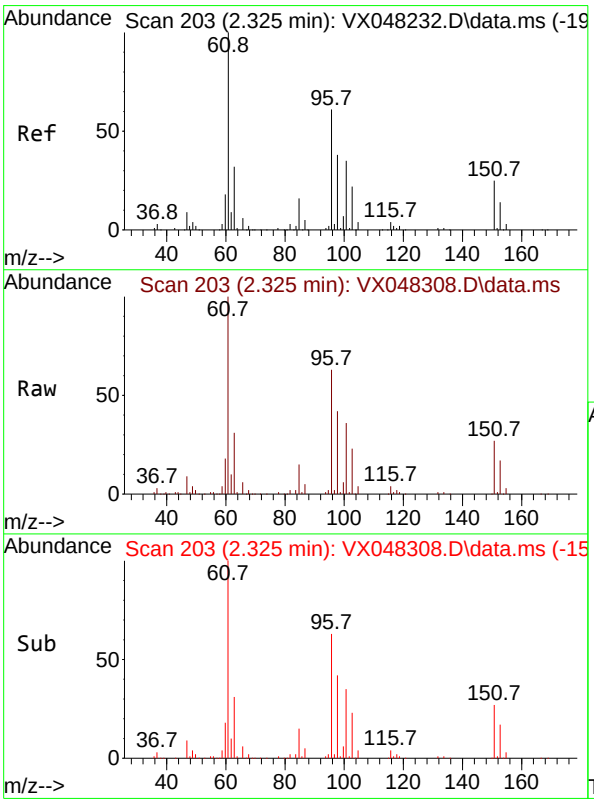
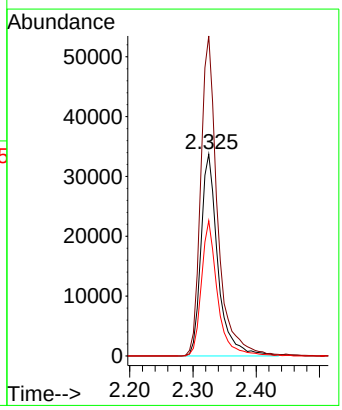
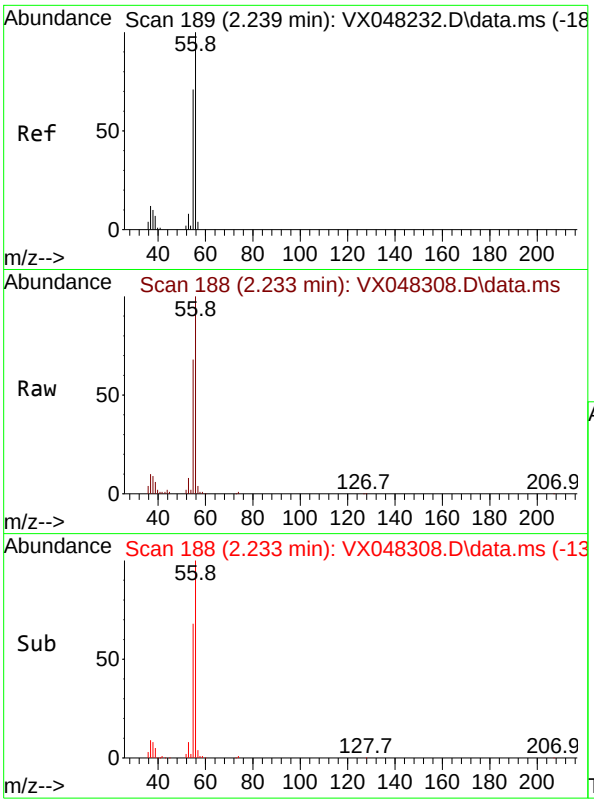



#12
1,1-Dichloroethene
Concen: 36.180 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 96 Resp: 62980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 158.6 | 139.0 | 208.6 |
| 98 | 67.0 | 52.4 | 78.6 |

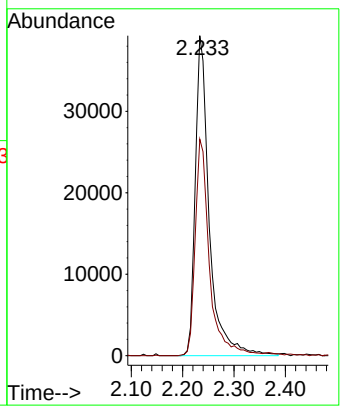





#13
Acrolein
Concen: 315.647 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 56 Resp: 7430

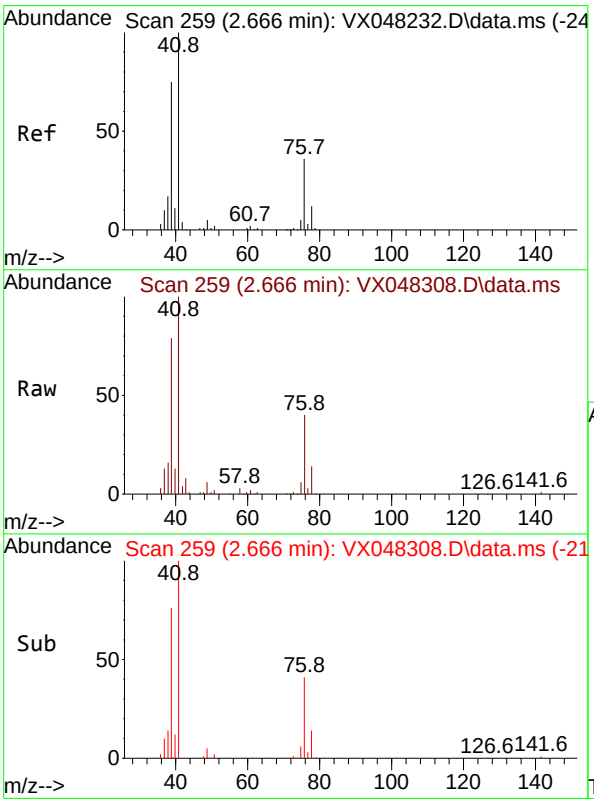
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 68.9 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

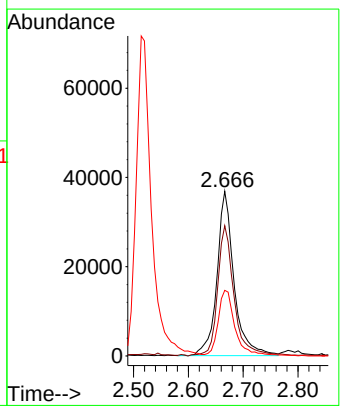
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

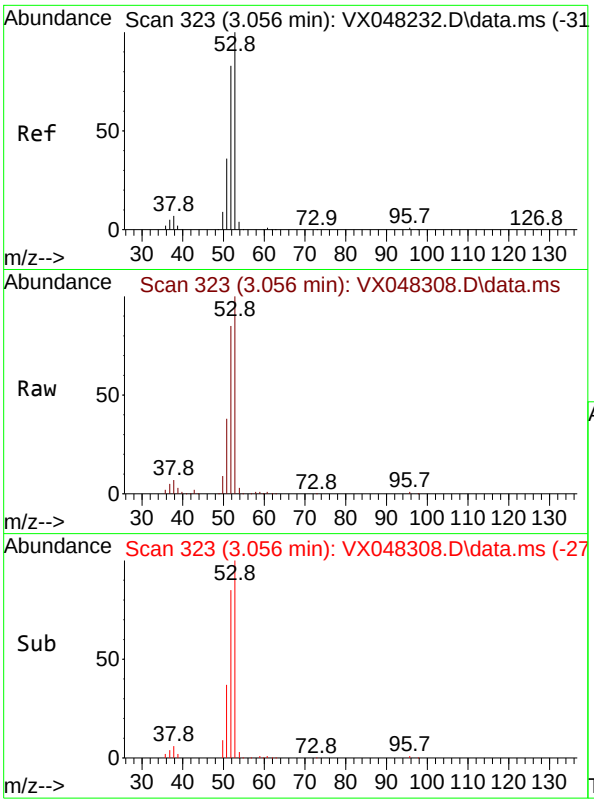



#14
Allyl chloride
Concen: 27.644 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 41 Resp: 79895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 76.8 | 56.0 | 84.0 |
| 76 | 39.9 | 27.5 | 41.3 |






#15
Acrylonitrile
Concen: 138.075 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 53 Resp: 11492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.3 | 66.1 | 99.1 |
| 51 | 36.4 | 29.0 | 43.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

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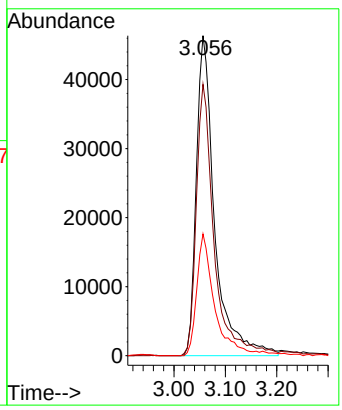
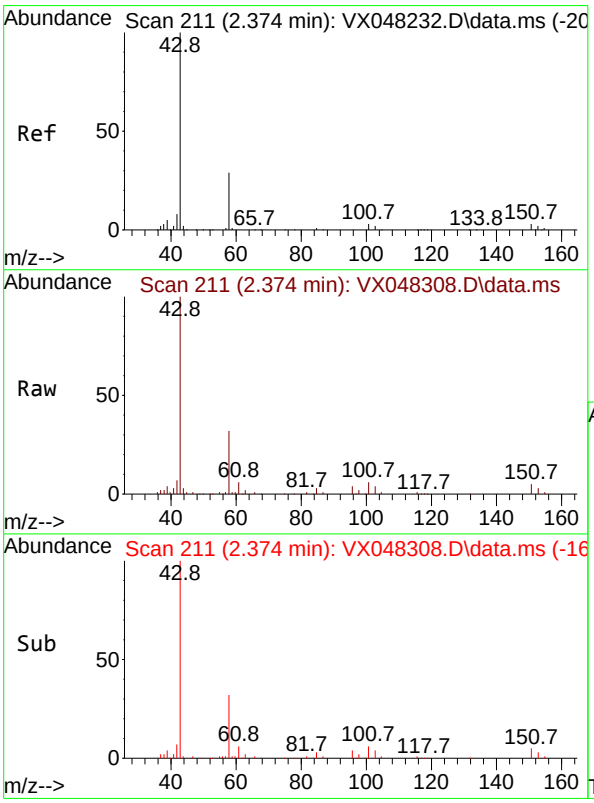
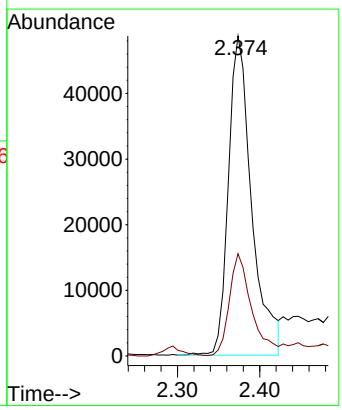


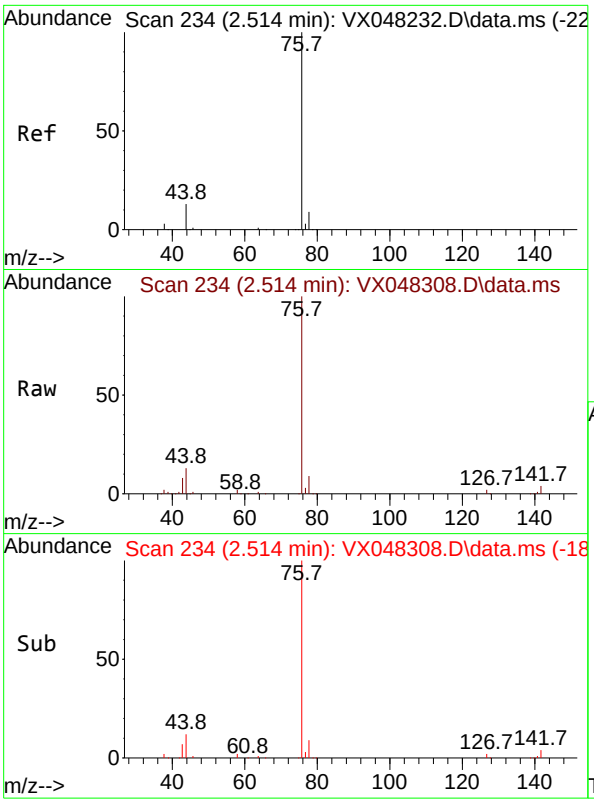




#16
Acetone
Concen: 120.131 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 95807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.3 | 23.4 | 35.2 |






#17
Carbon Disulfide
Concen: 25.495 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 76 Resp: 13987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.1 | 10.7 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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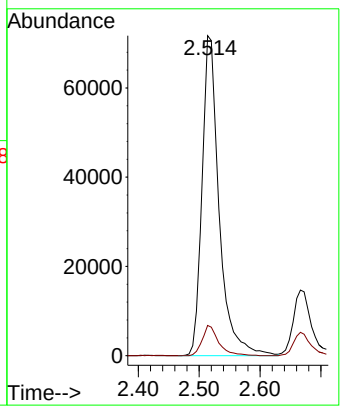
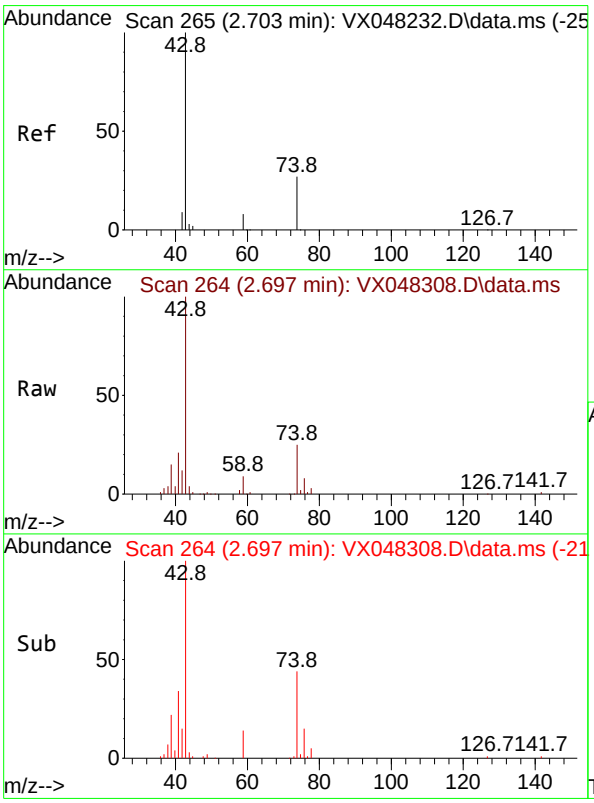
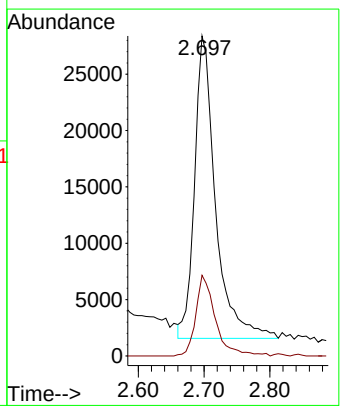


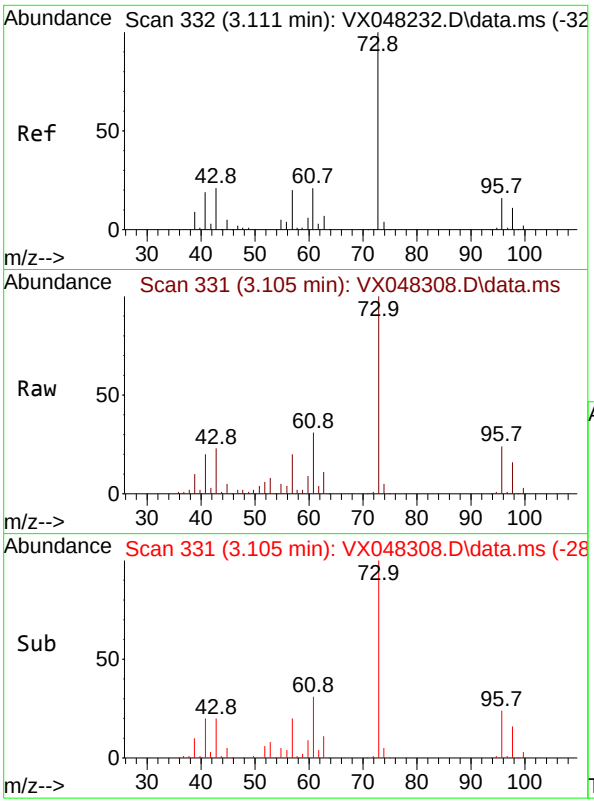




#18
Methyl Acetate
Concen: 35.728 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 59506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.9 | 17.5 | 26.3 |

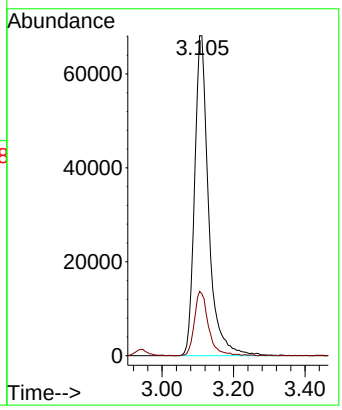





#19
Methyl tert-butyl Ether
Concen: 31.207 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 73 Resp: 18532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.1 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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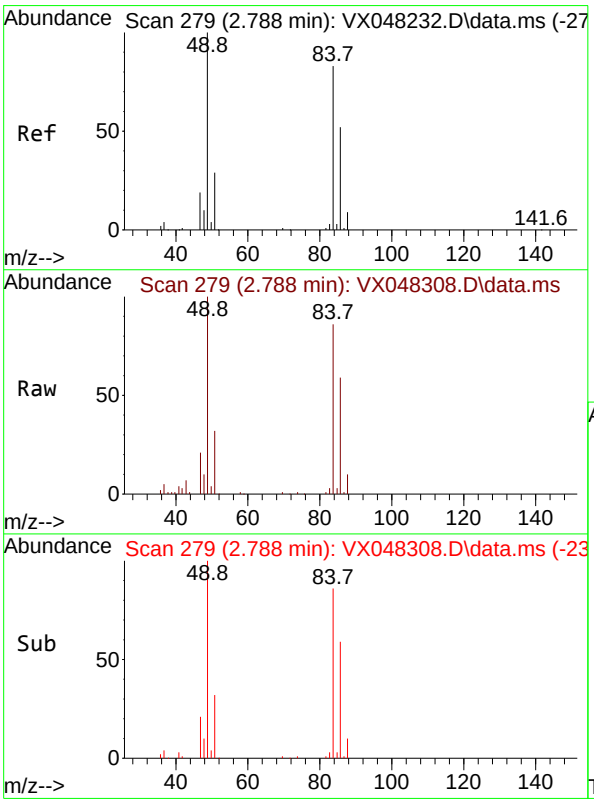
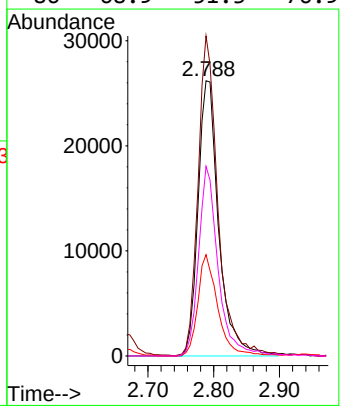
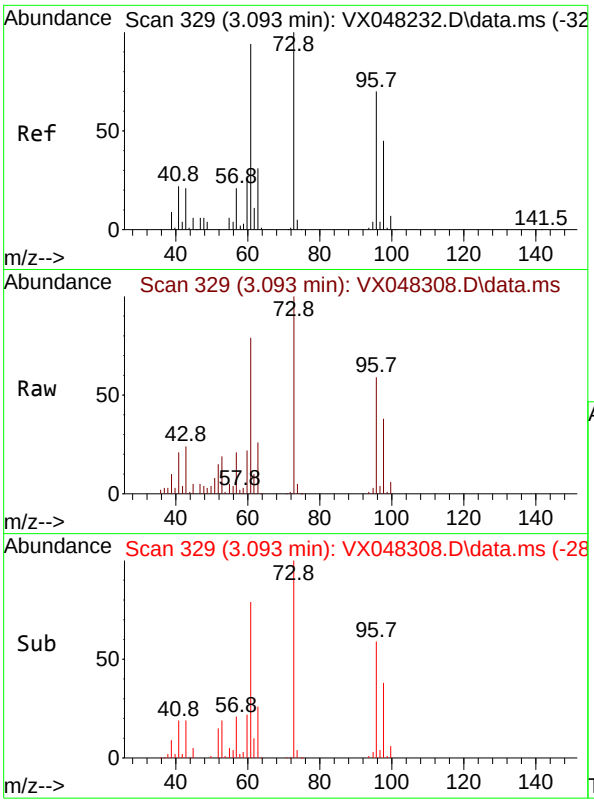



#20
Methylene Chloride
Concen: 29.518 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 84 Resp: 57361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 115.9 | 104.1 | 156.1 |
| 51 | 36.8 | 31.3 | 46.9 |
| 86 | 68.9 | 51.3 | 76.9 |

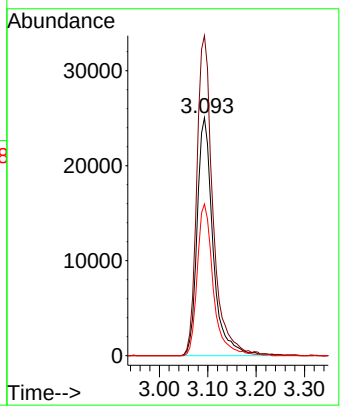





#21
trans-1,2-Dichloroethene
Concen: 29.957 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 96 Resp: 5728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.5 | 111.9 | 167.9 |
| 98 | 63.8 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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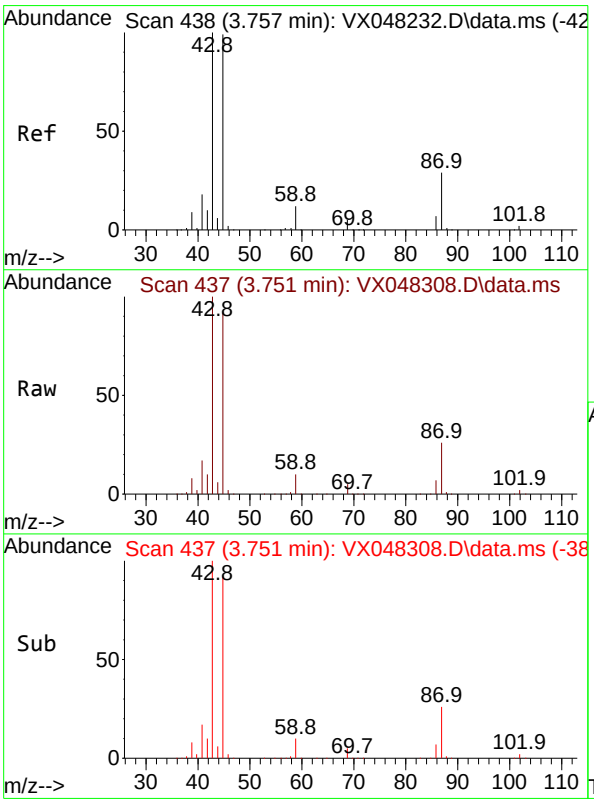
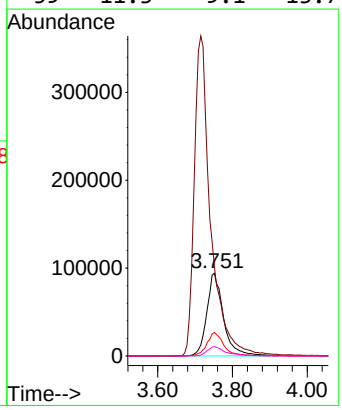
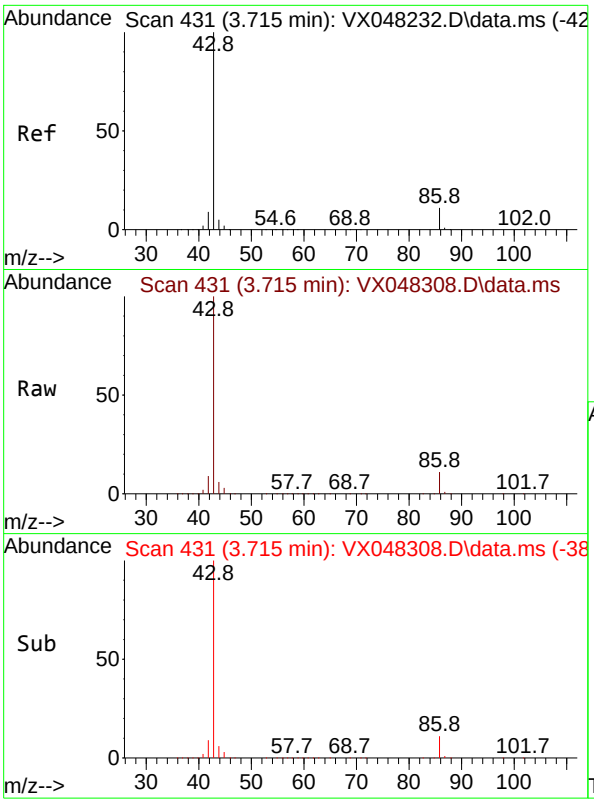



#22
Diisopropyl ether
Concen: 50.635 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 45 Resp: 291884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 108.0 | 89.8 | 134.8 |
| 87 | 28.4 | 20.6 | 31.0 |
| 59 | 11.3 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 241.211 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 111069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.0 | 7.9 | 11.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

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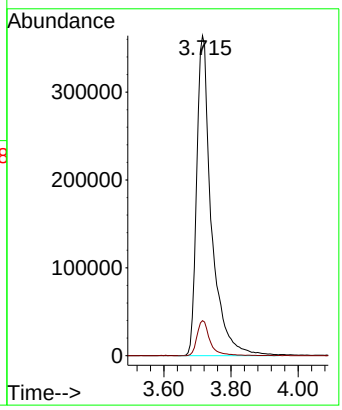
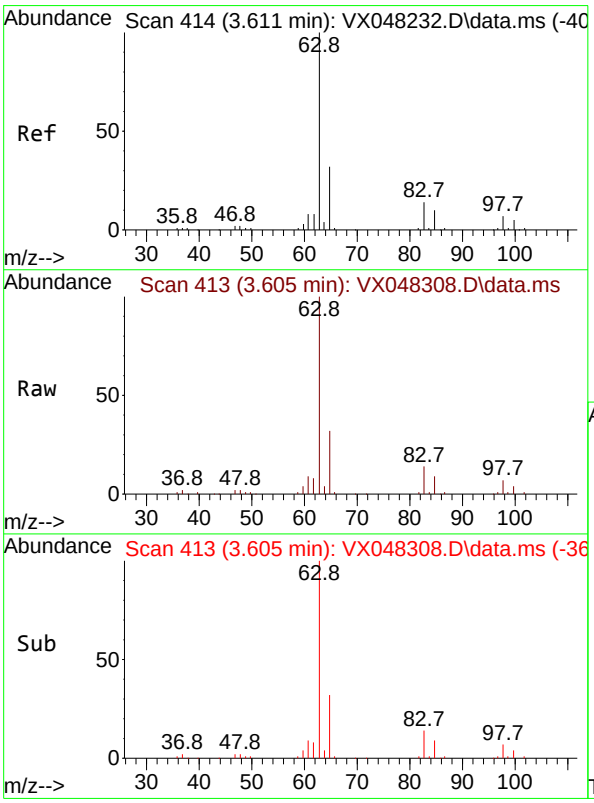
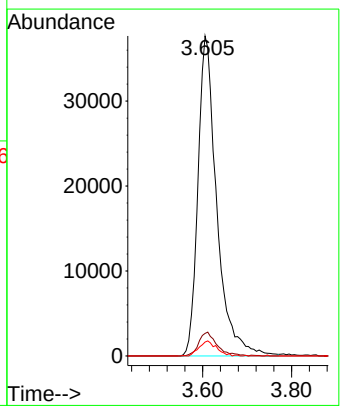


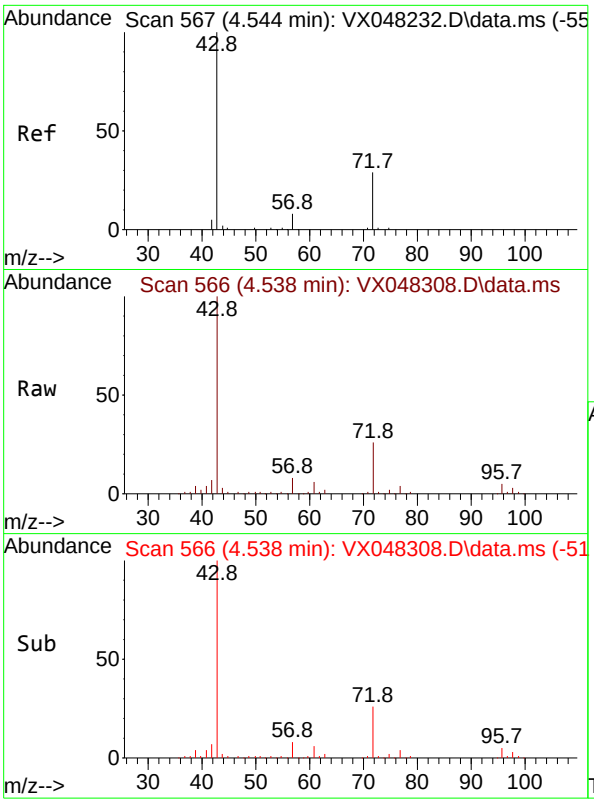




#24
1,1-Dichloroethane
Concen: 31.824 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 63 Resp: 110925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.8 | 3.5 | 10.6 |
| 100 | 4.4 | 2.1 | 6.3 |






#25
2-Butanone
Concen: 226.319 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 22845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.4 | 19.9 | 29.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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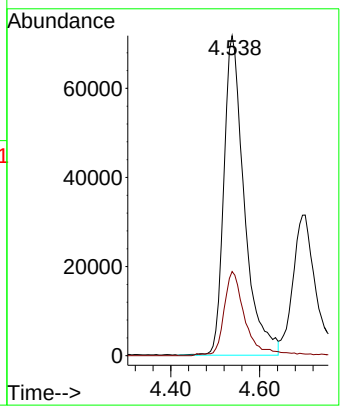
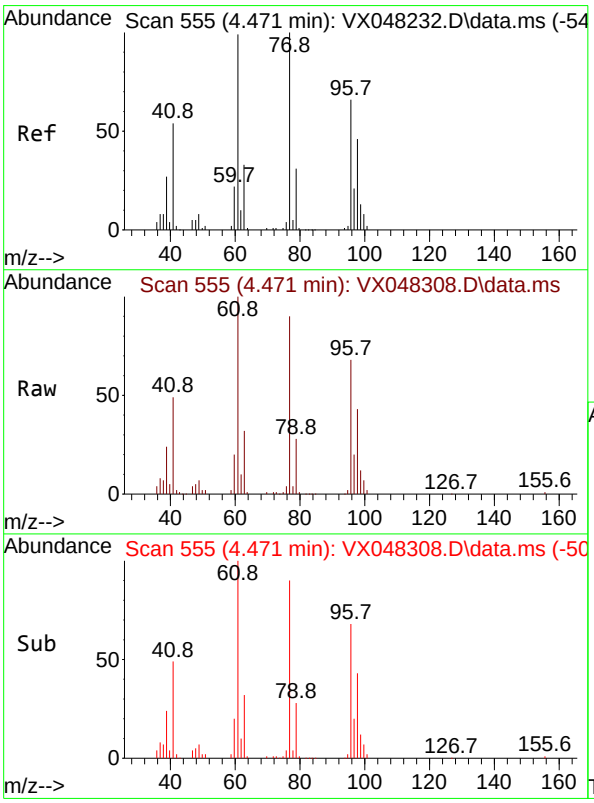
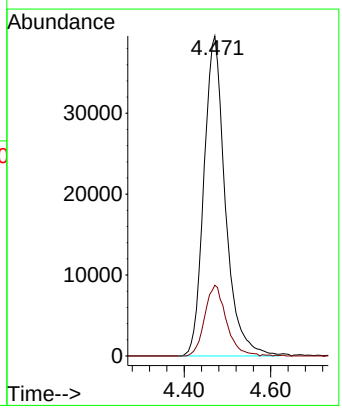


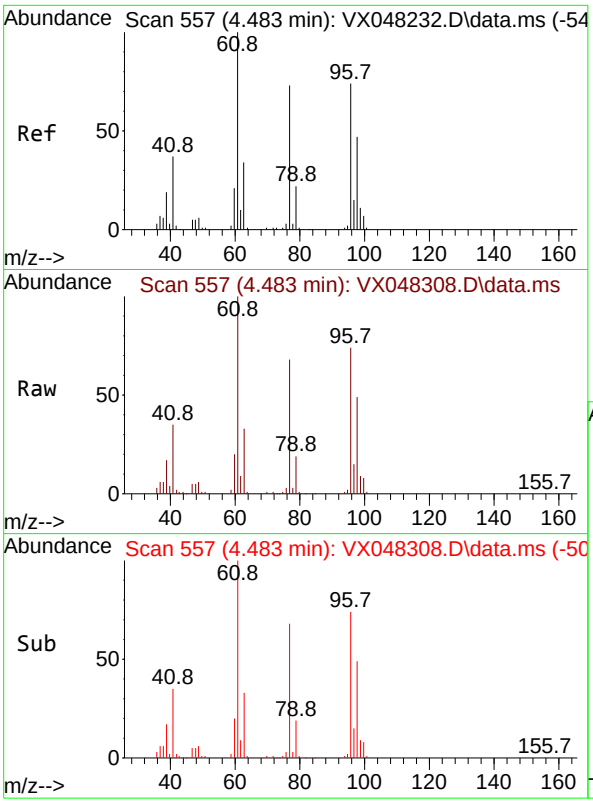




#26
2,2-Dichloropropane
Concen: 43.131 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 77 Resp: 135695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.2 | 11.1 | 33.3 |

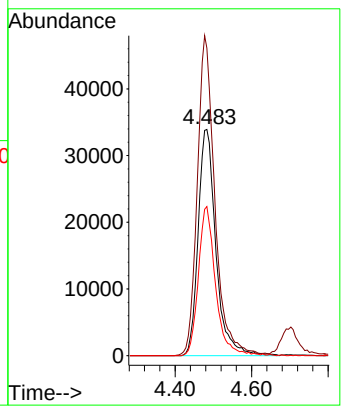





#27
cis-1,2-Dichloroethene
Concen: 49.014 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 96 Resp: 10937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.8 | 0.0 | 294.2 |
| 98 | 63.6 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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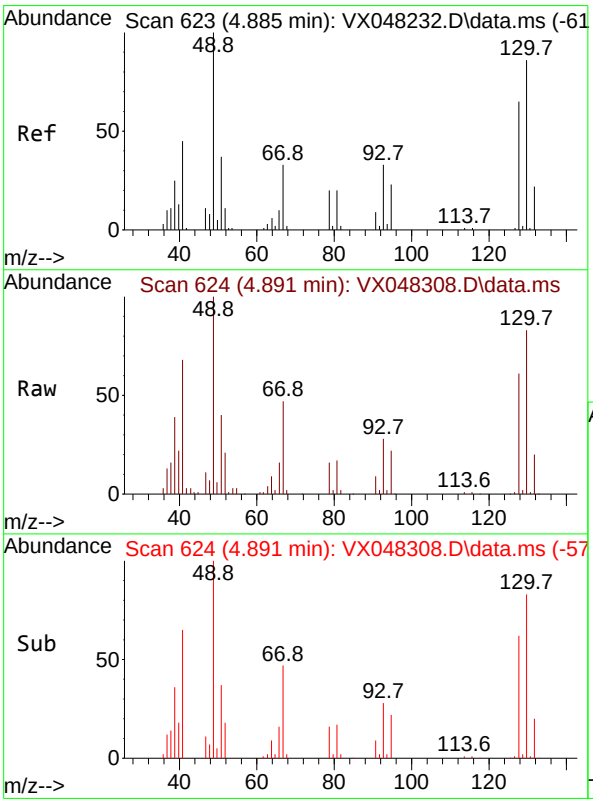
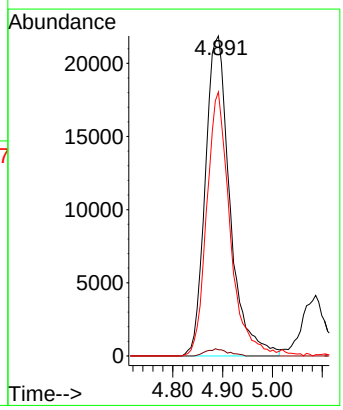
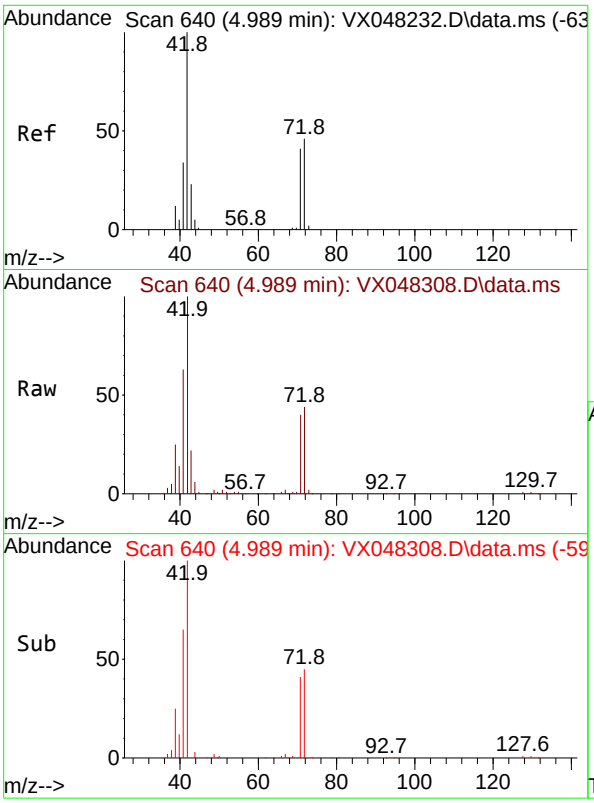



#28
Bromochloromethane
Concen: 51.950 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 49 Resp: 75080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.4 |
| 130 | 77.9 | 59.3 | 88.9 |






#29
Tetrahydrofuran
Concen: 250.563 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 42 Resp: 15148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.8 | 35.3 | 52.9 |
| 71 | 42.8 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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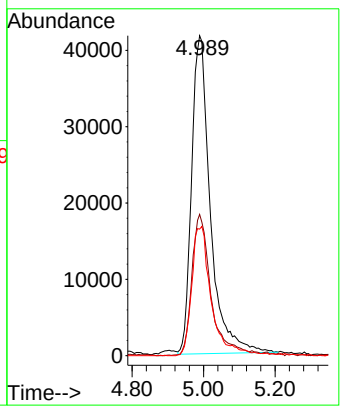
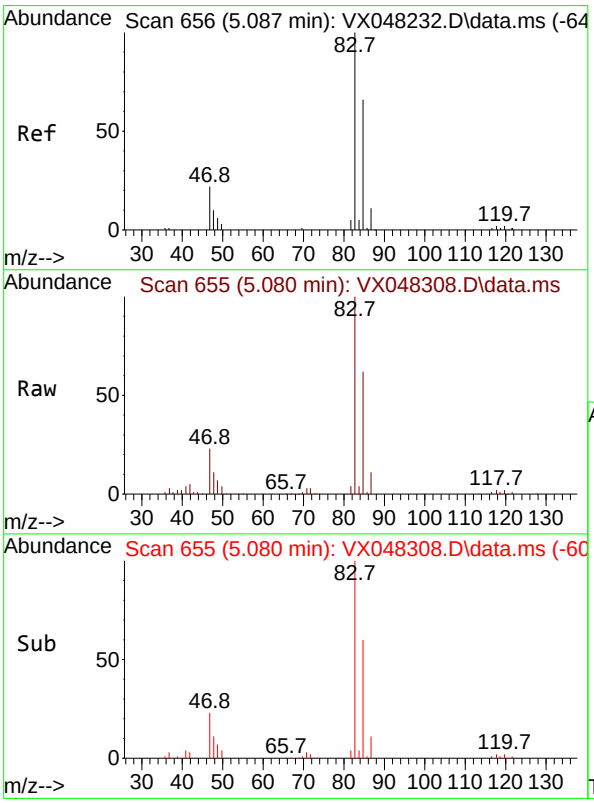
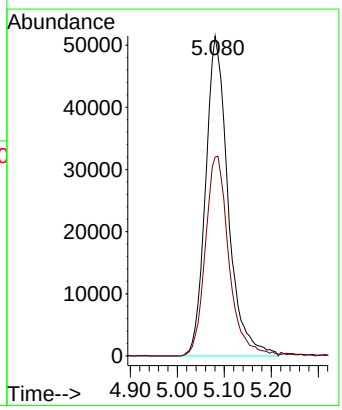


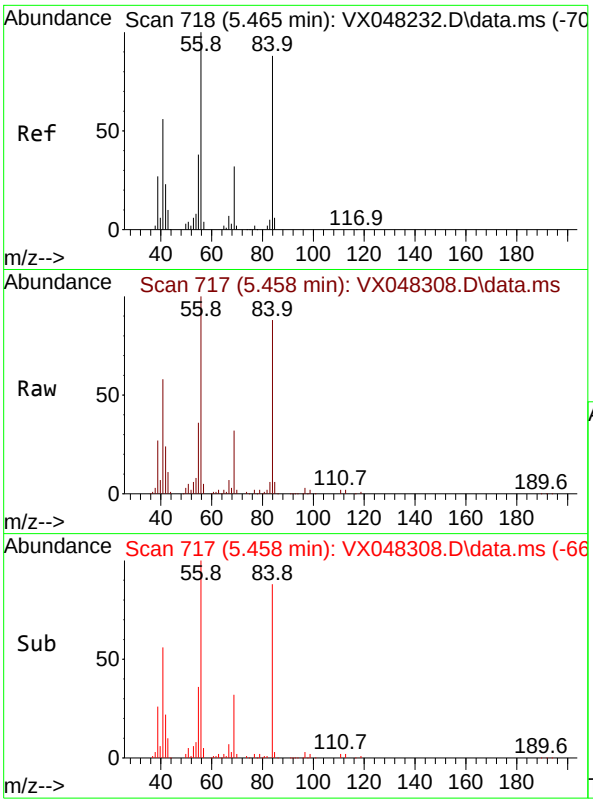




#30
Chloroform
Concen: 45.928 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 83 Resp: 171030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.2 | 50.1 | 75.1 |

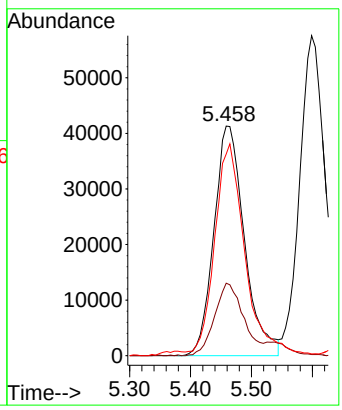





#31
Cyclohexane
Concen: 49.868 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 56 Resp: 14390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.2 | 23.0 | 34.6 |
| 84 | 85.7 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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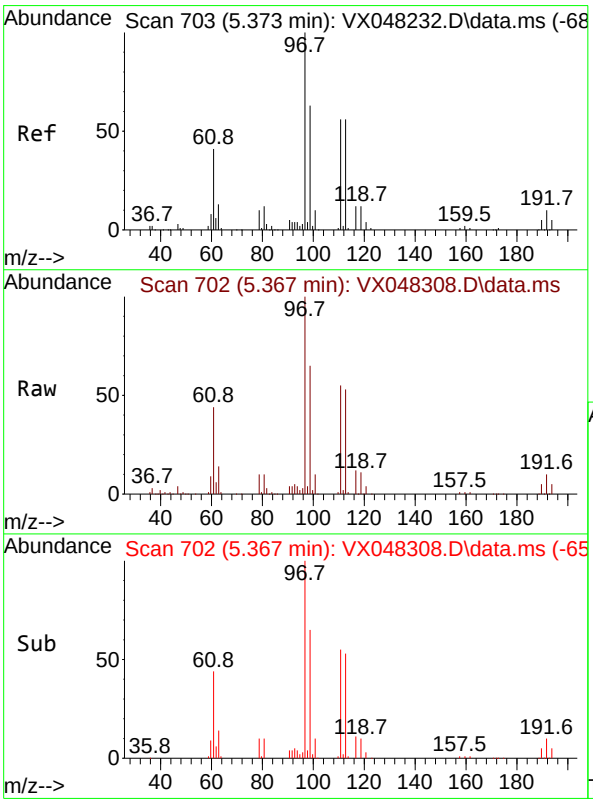
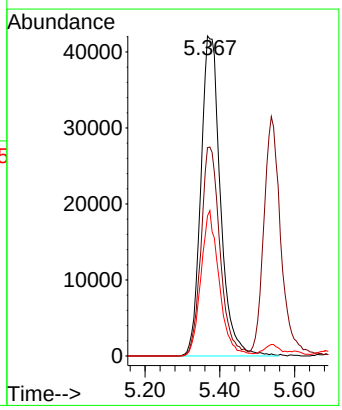
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

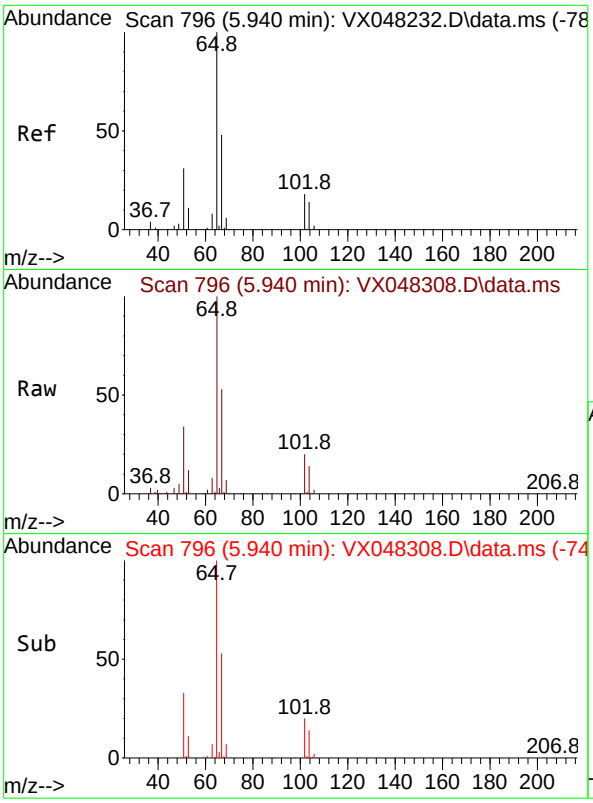



#32
1,1,1-Trichloroethane
Concen: 44.558 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 97 Resp: 152924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.5 | 51.7 | 77.5 |
| 61 | 42.5 | 34.8 | 52.2 |

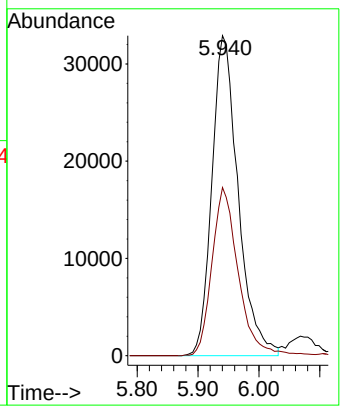





#33
1,2-Dichloroethane-d4
Concen: 42.315 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 65 Resp: 9837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.9 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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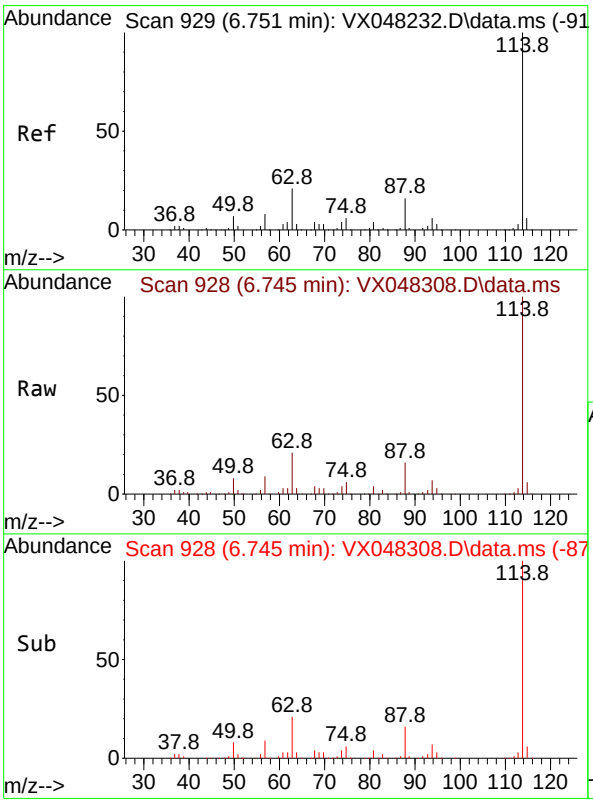
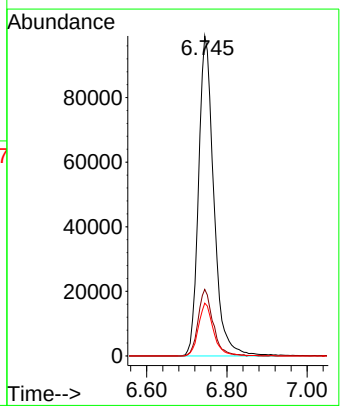
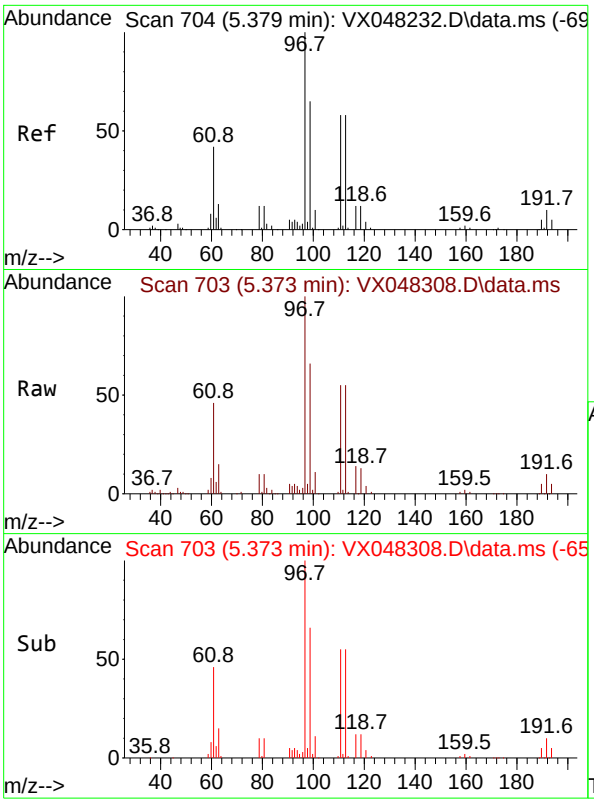



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:114 Resp: 262018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.8 | 0.0 | 43.2 |
| 88 | 16.5 | 0.0 | 33.6 |

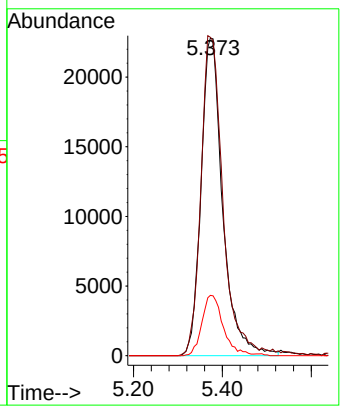





#35
Dibromofluoromethane
Concen: 43.158 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:113 Resp: 7720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.6 | 82.2 | 123.4 |
| 192 | 18.7 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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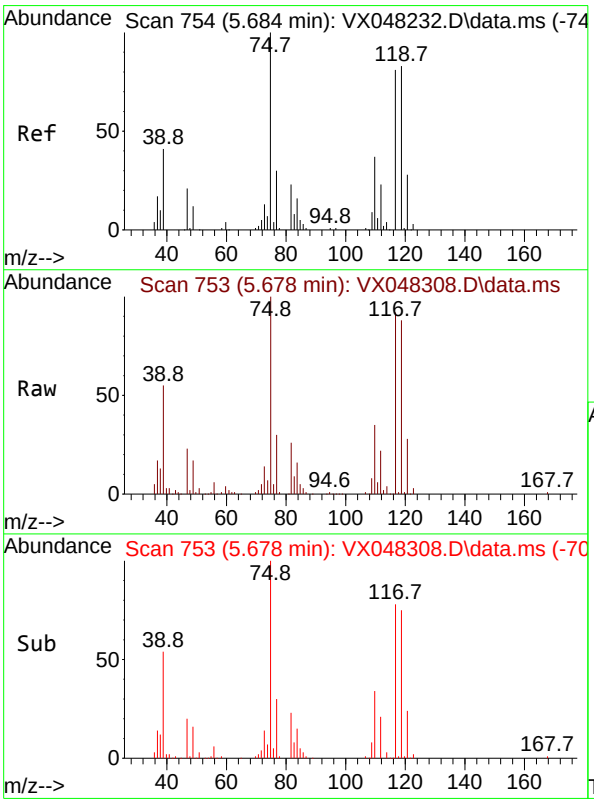
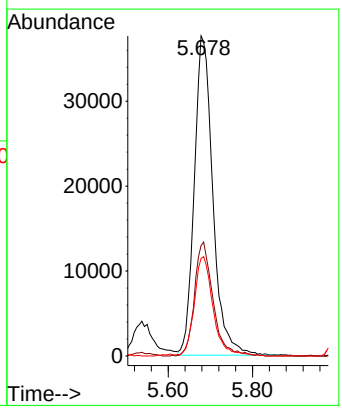
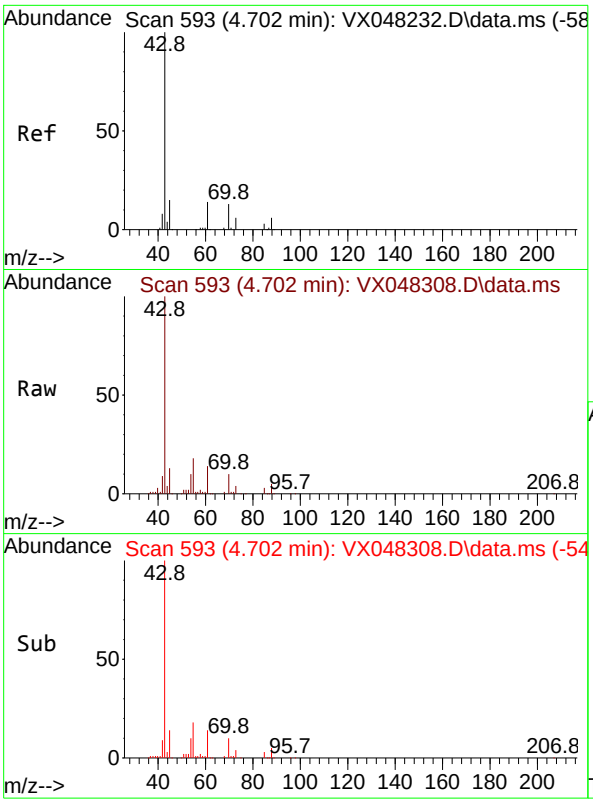



#36
1,1-Dichloropropene
Concen: 45.375 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 115364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.6 | 17.7 | 53.1 |
| 77 | 31.5 | 24.3 | 36.5 |

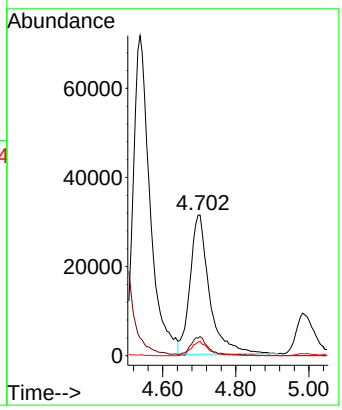





#37
Ethyl Acetate
Concen: 54.827 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 11554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 10.7 | 10.6 | 15.8 |
| 70 | 8.7 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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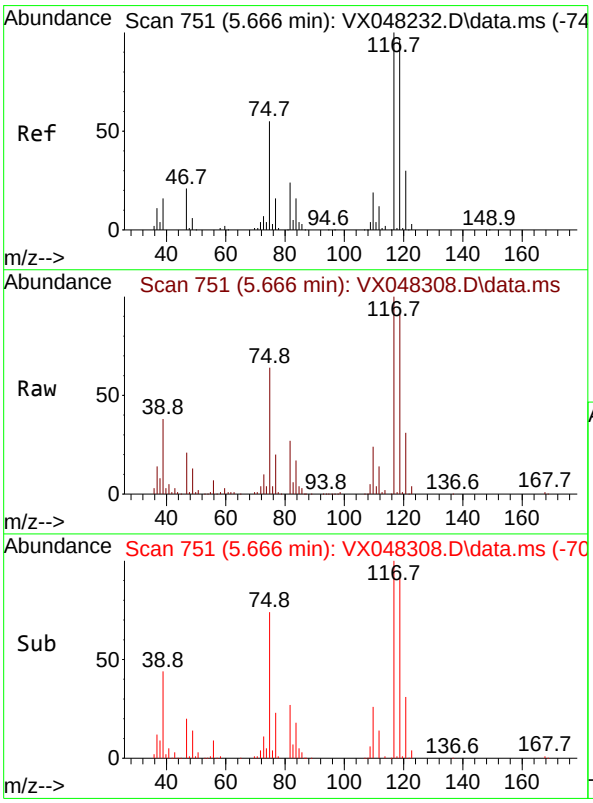
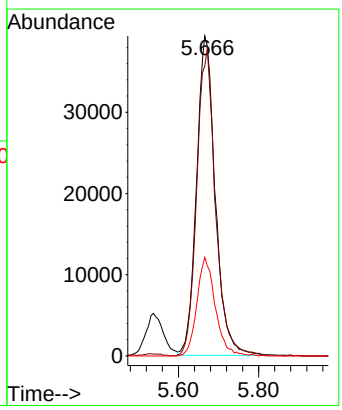
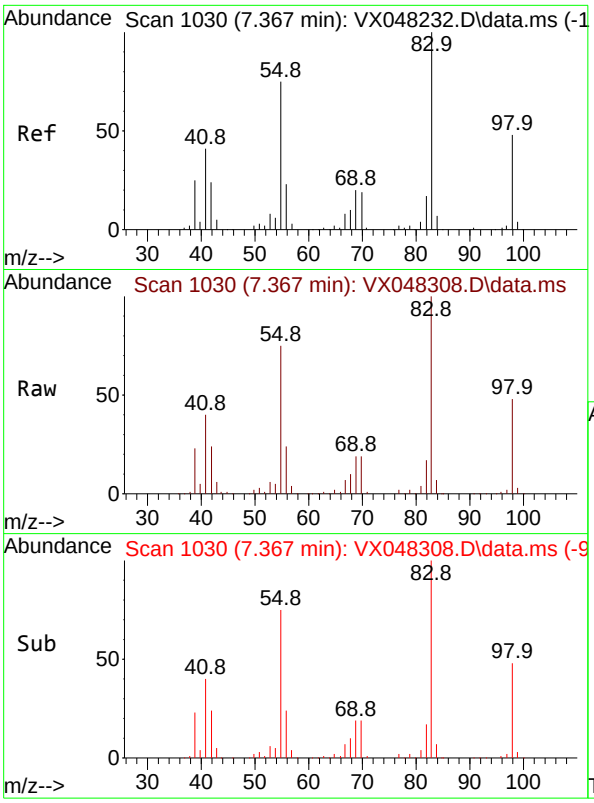



#38
Carbon Tetrachloride
Concen: 40.741 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:117 Resp: 127792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.7 | 77.2 | 115.8 |
| 121 | 30.9 | 24.8 | 37.2 |

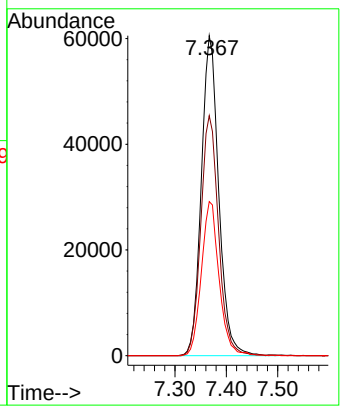





#39
Methylcyclohexane
Concen: 47.470 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 83 Resp: 14253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 75.0 | 66.2 | 99.2 |
| 98 | 48.2 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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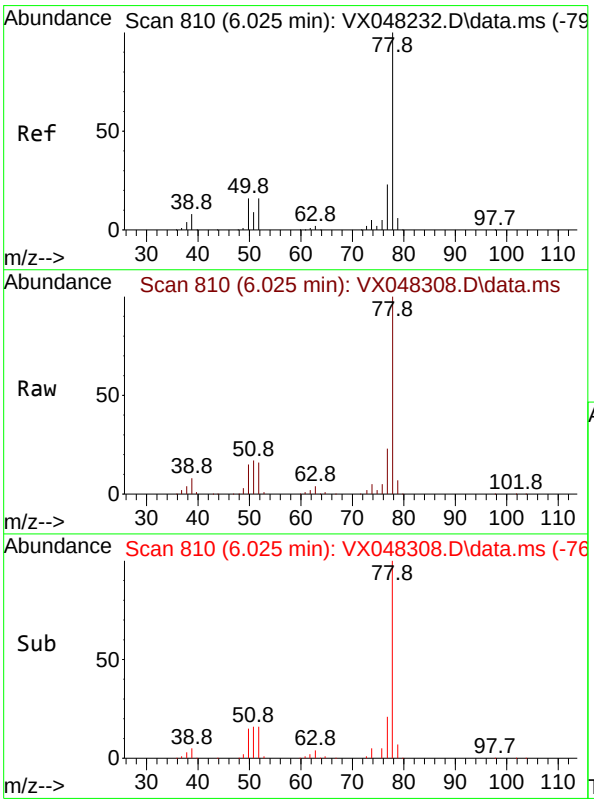
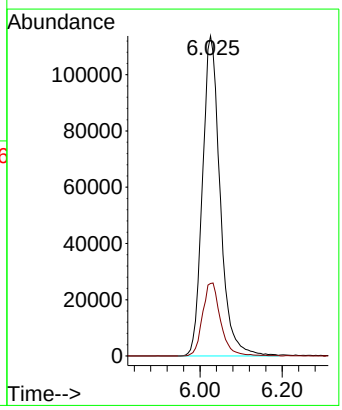
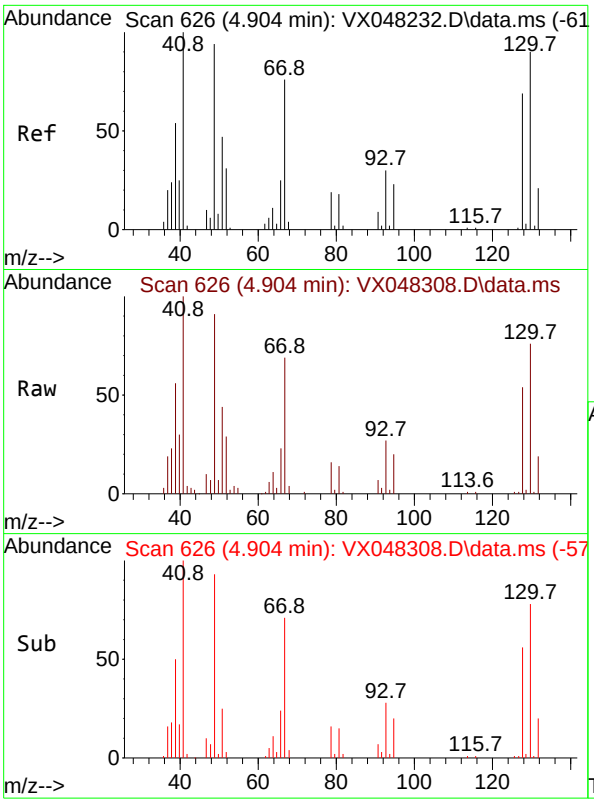



#40
Benzene
Concen: 46.000 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 78 Resp: 339549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.7 | 19.3 | 28.9 |

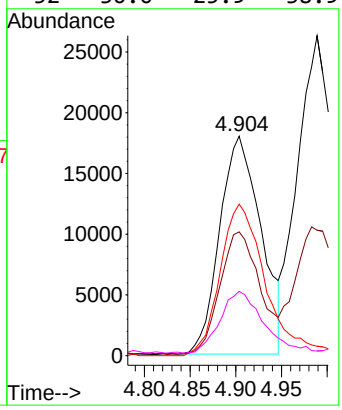





#41
Methacrylonitrile
Concen: 51.006 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 41 Resp: 5644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.7 | 44.0 | 66.0 |
| 67 | 77.8 | 58.7 | 88.1 |
| 52 | 30.0 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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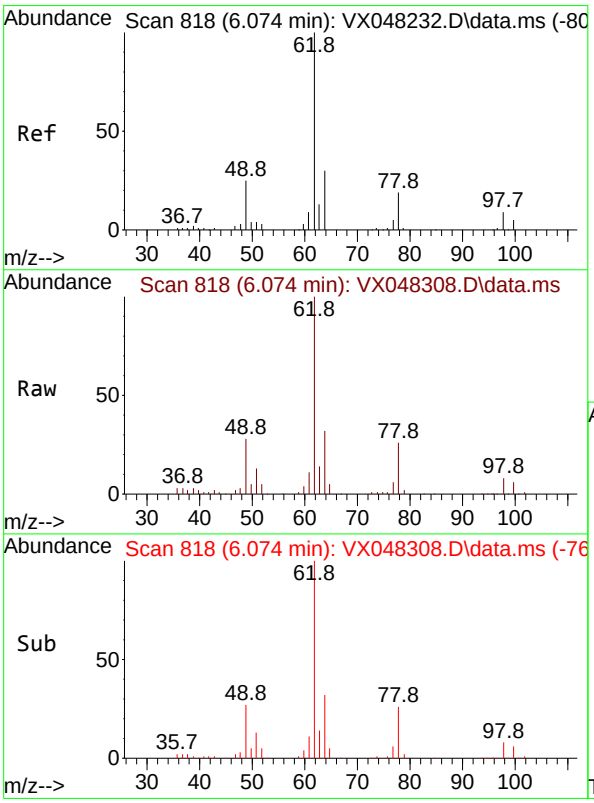
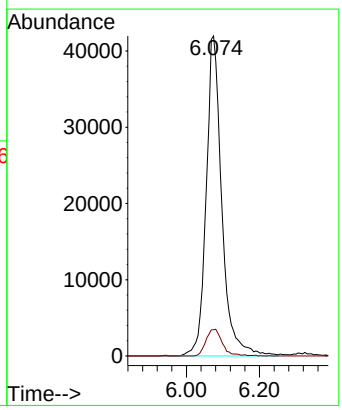
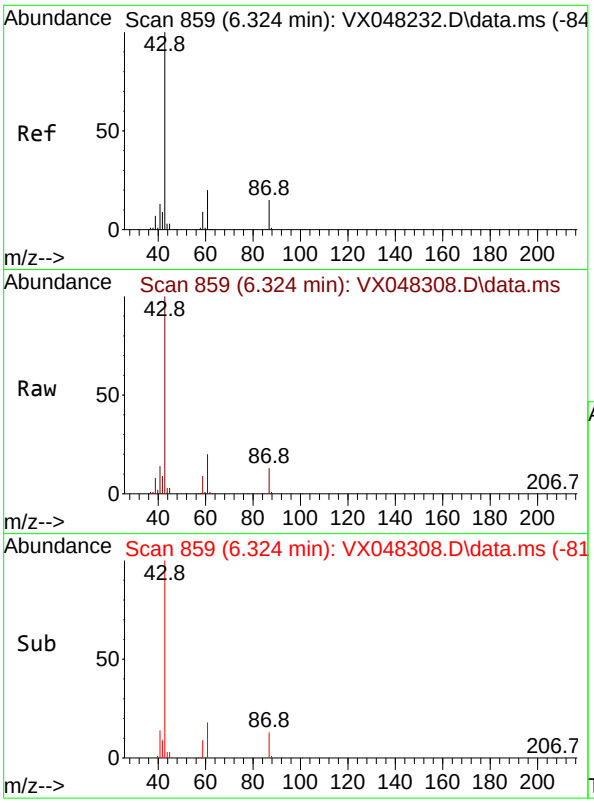



#42
1,2-Dichloroethane
Concen: 45.697 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 62 Resp: 124472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.7 | 0.0 | 17.2 |






#43
Isopropyl Acetate
Concen: 51.932 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 17976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.2 | 14.9 | 22.3 |
| 87 | 12.9 | 9.4 | 14.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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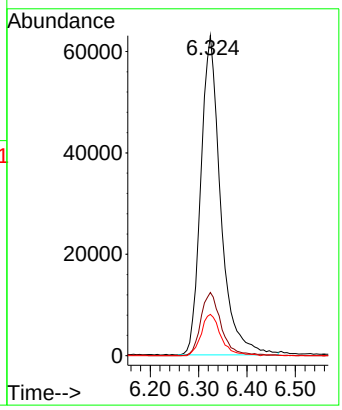
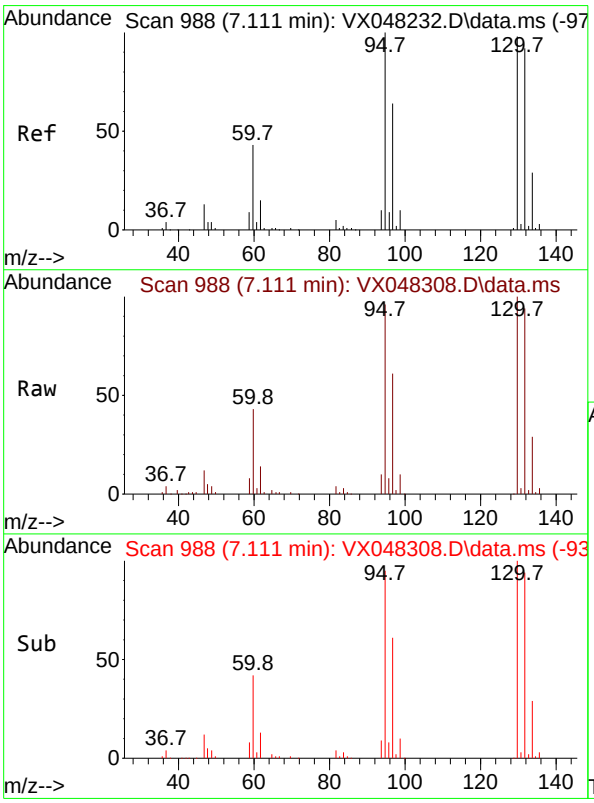
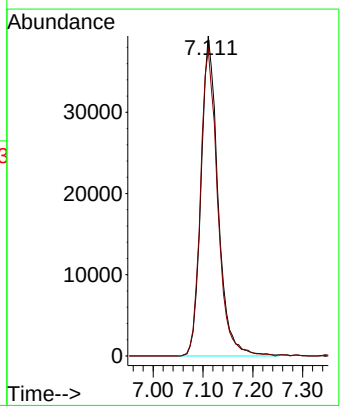


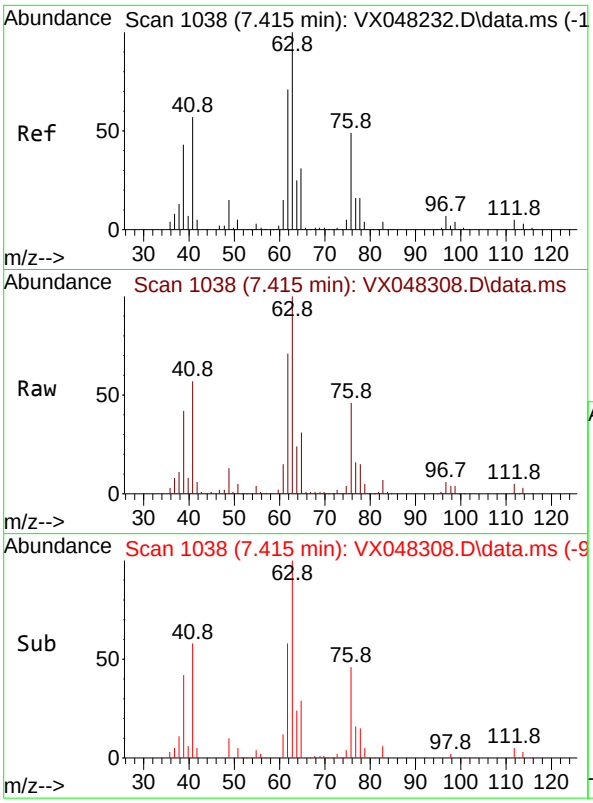




#44
Trichloroethene
Concen: 47.655 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:130 Resp: 92885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.6 | 0.0 | 200.6 |

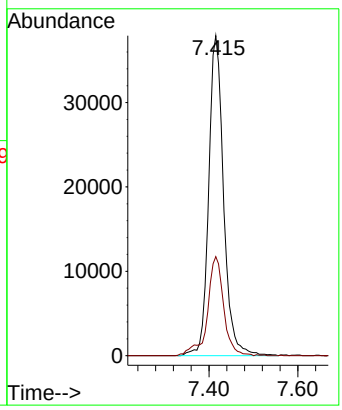





#45
1,2-Dichloropropane
Concen: 50.369 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 63 Resp: 8839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.9 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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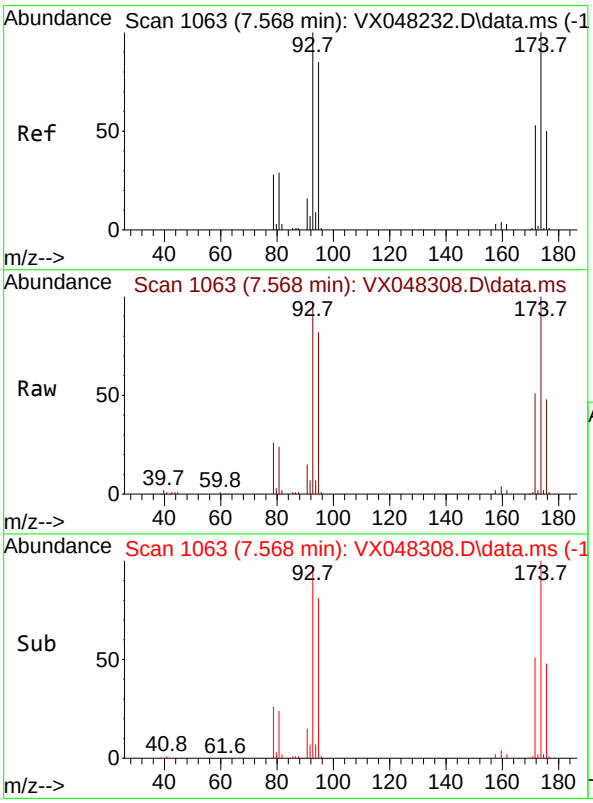
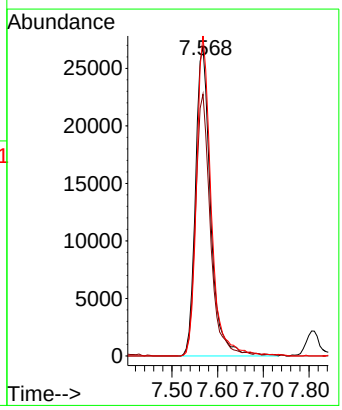
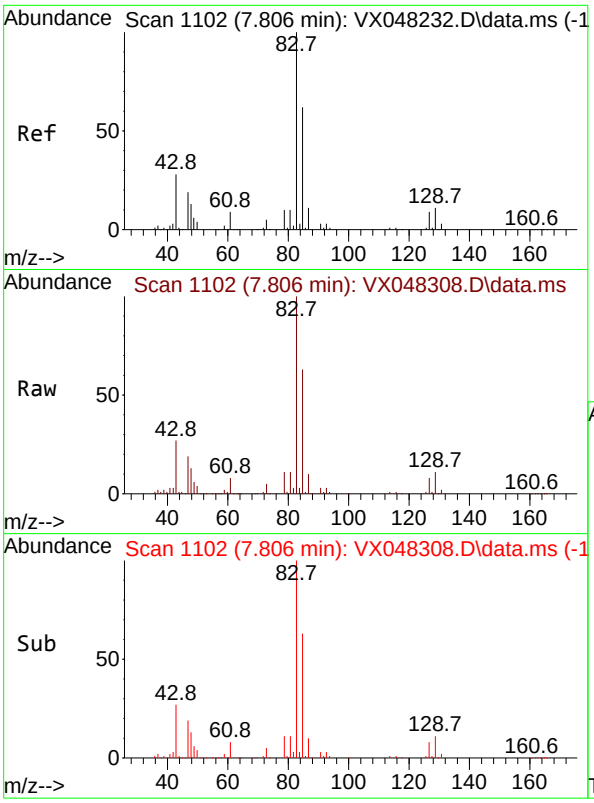



#46
Dibromomethane
Concen: 45.095 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 93 Resp: 61658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.0 | 65.9 | 98.9 |
| 174 | 99.8 | 71.7 | 107.5 |

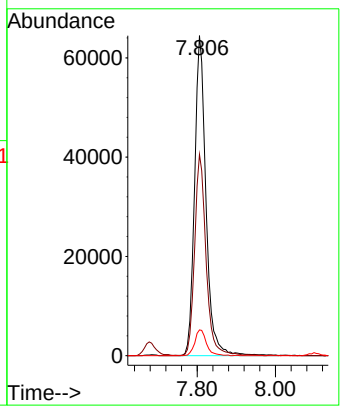





#47
Bromodichloromethane
Concen: 44.420 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 83 Resp: 13113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 52.2 | 78.4 |
| 127 | 8.1 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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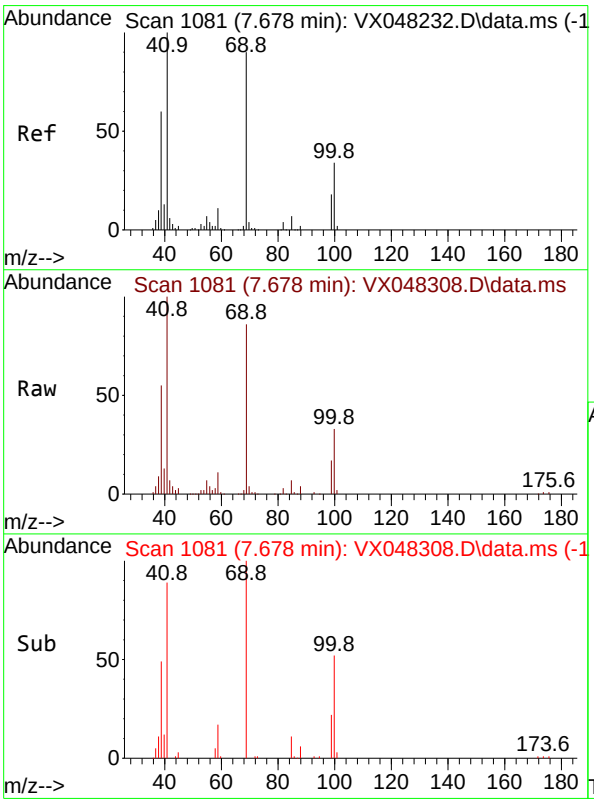
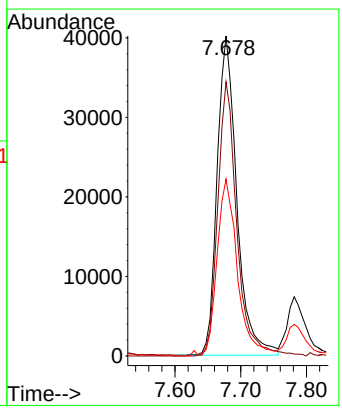
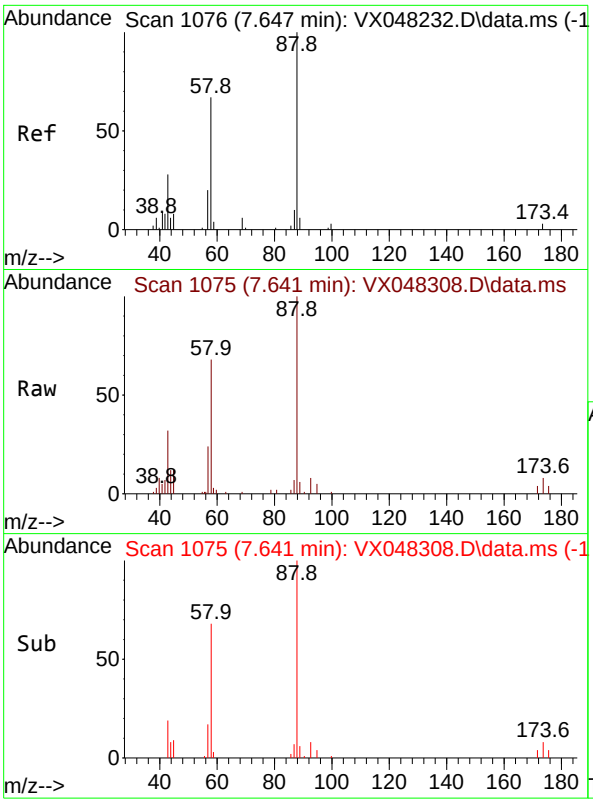



#48
Methyl methacrylate
Concen: 48.050 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 41 Resp: 83930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 83.1 | 63.4 | 95.0 |
| 39 | 56.3 | 47.1 | 70.7 |

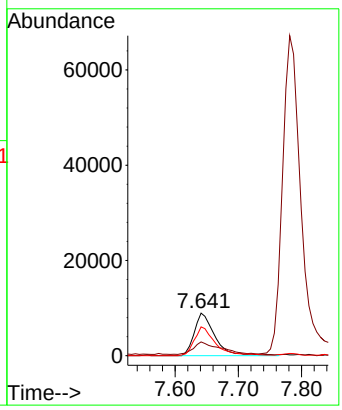





#49
1,4-Dioxane
Concen: 879.716 ug/l
RT: 7.641 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 88 Resp: 2030

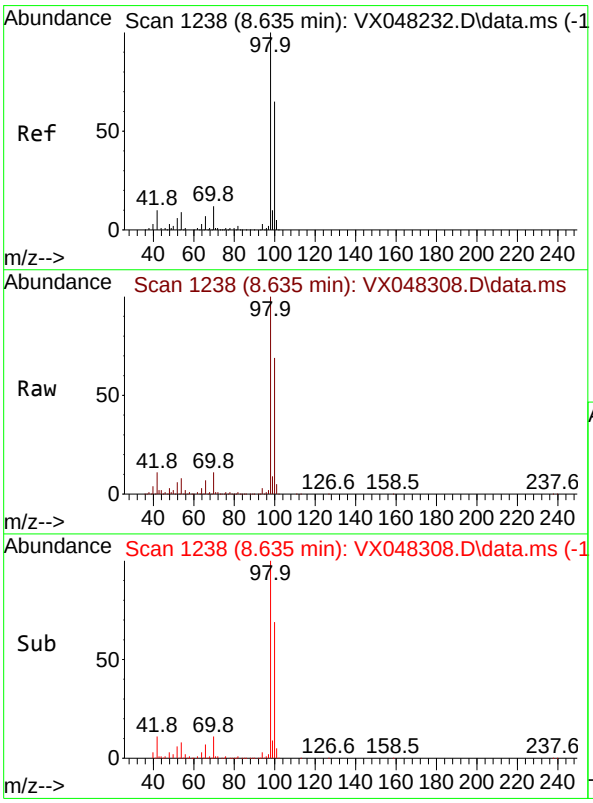
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.9 | 35.0 | 52.4 |
| 58 | 69.5 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

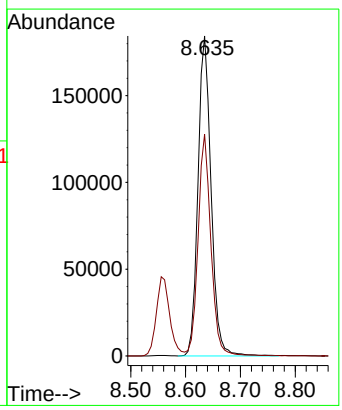
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

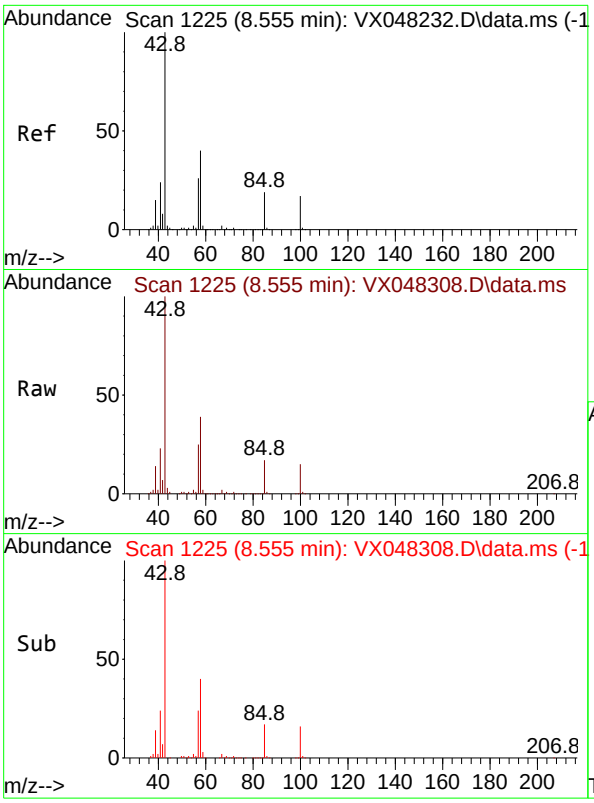



#50
Toluene-d8
Concen: 48.945 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 98 Resp: 306881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.6 | 53.0 | 79.4 |

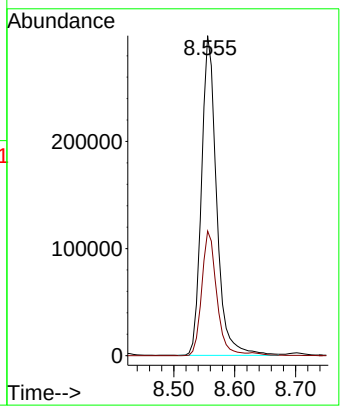





#51
4-Methyl-2-Pentanone
Concen: 259.006 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 51693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.5 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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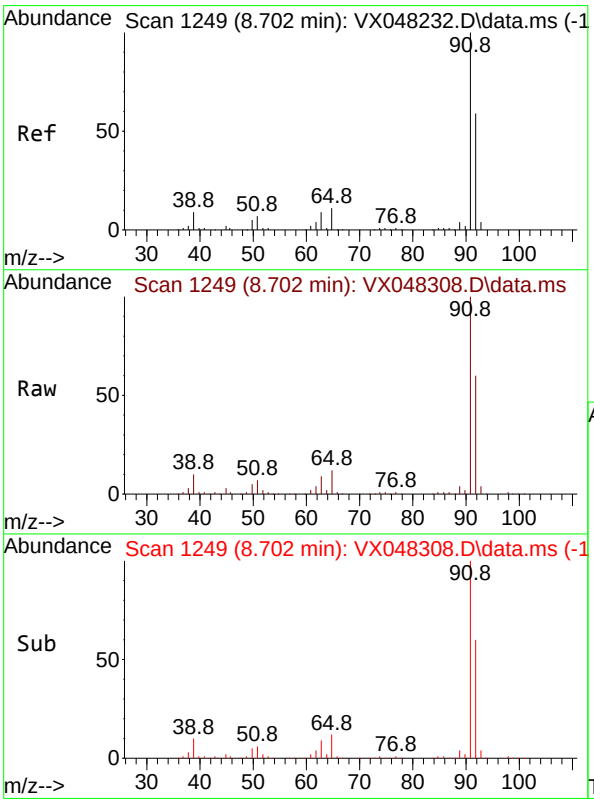
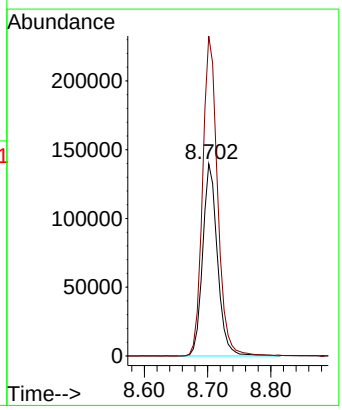
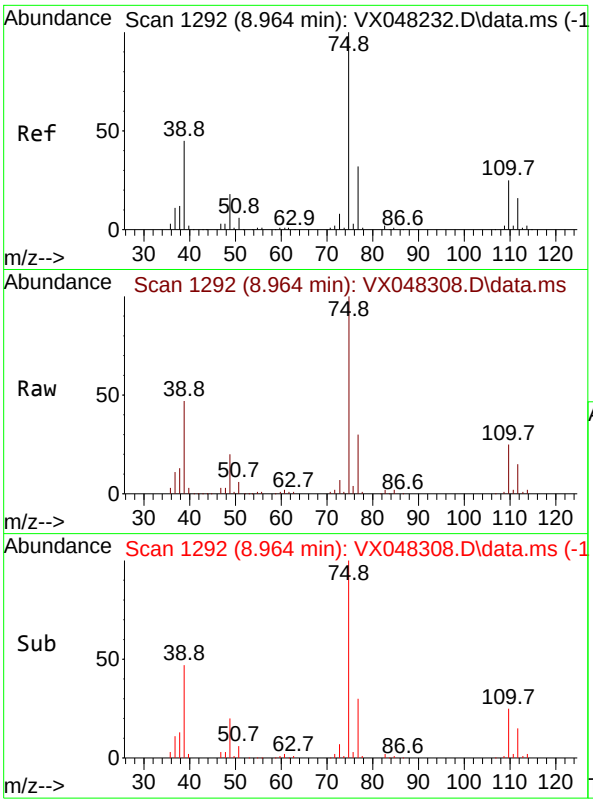



#52
Toluene
Concen: 48.329 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 92 Resp: 226635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.3 | 136.1 | 204.1 |

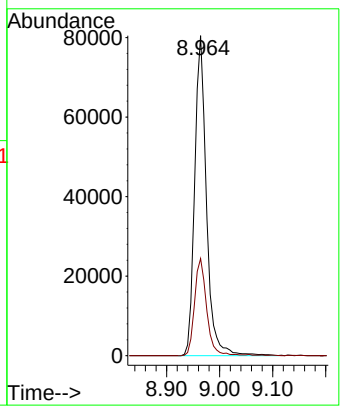





#53
t-1,3-Dichloropropene
Concen: 43.501 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 12375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.4 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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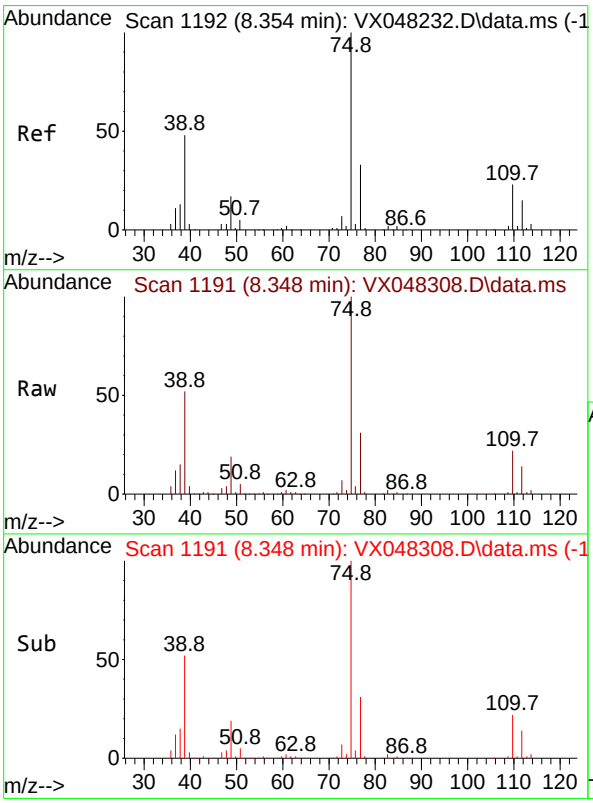
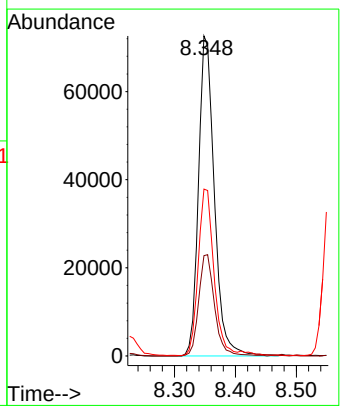
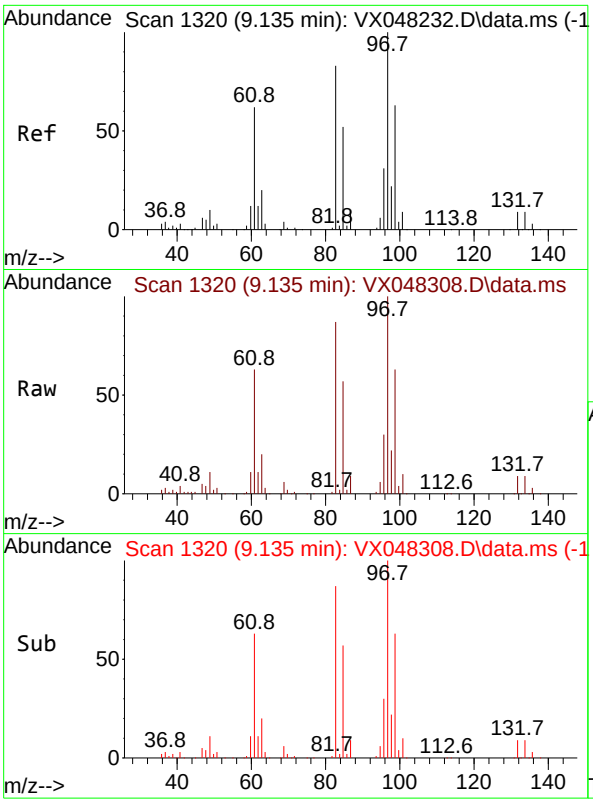



#54
cis-1,3-Dichloropropene
Concen: 42.840 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 131492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 24.9 | 37.3 |
| 39 | 51.9 | 42.6 | 64.0 |

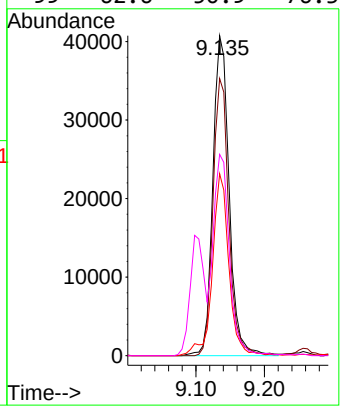





#55
1,1,2-Trichloroethane
Concen: 38.524 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 97 Resp: 6718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.6 | 70.6 | 105.8 |
| 85 | 56.9 | 45.0 | 67.6 |
| 99 | 62.6 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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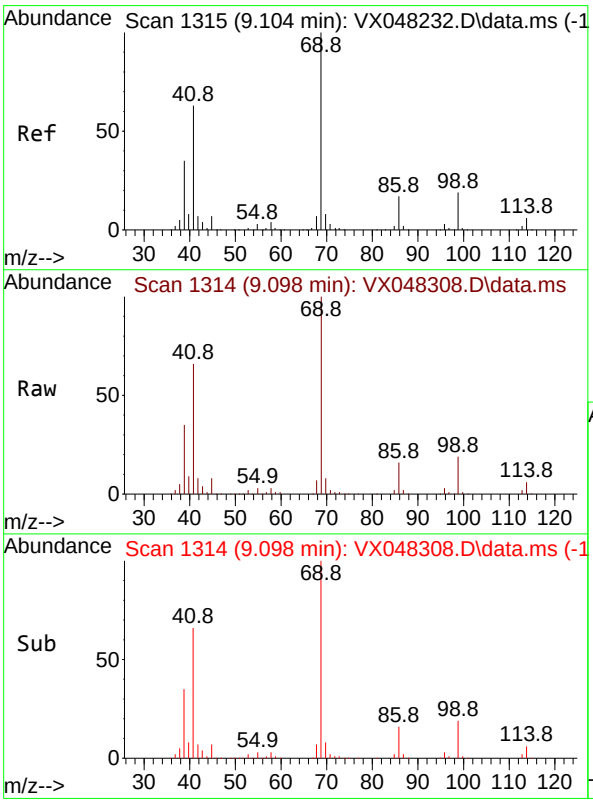
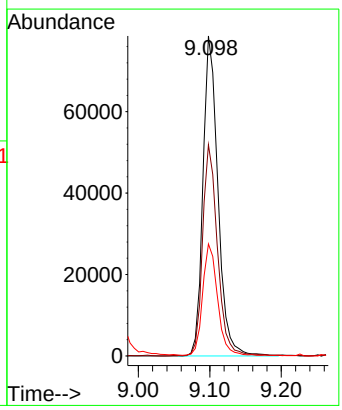
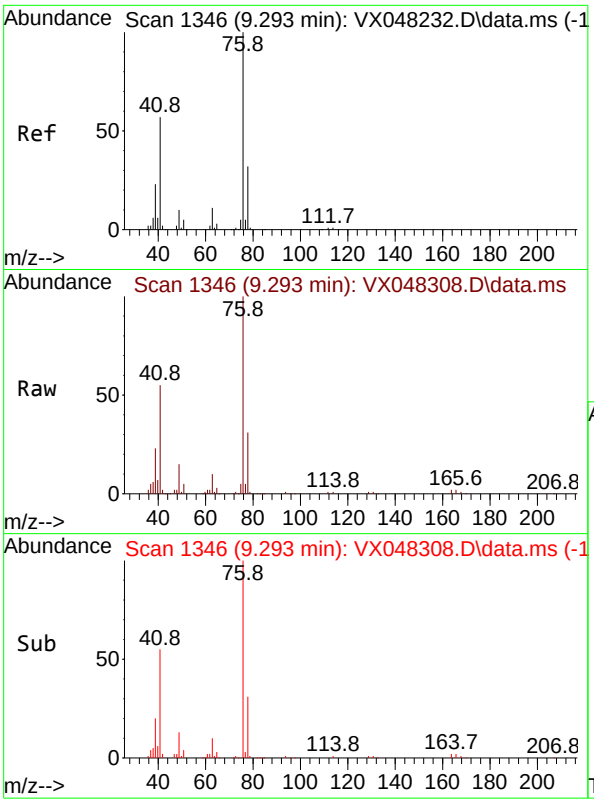



#56
Ethyl methacrylate
Concen: 44.971 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 69 Resp: 114708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.4 | 56.0 | 84.0 |
| 39 | 34.8 | 31.6 | 47.4 |

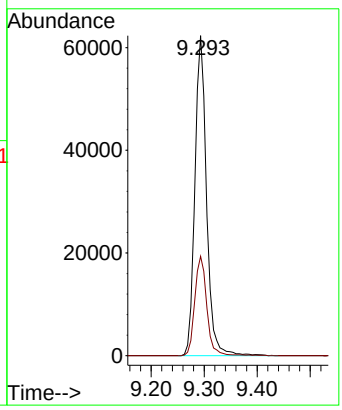





#57
1,3-Dichloropropane
Concen: 31.867 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 76 Resp: 9492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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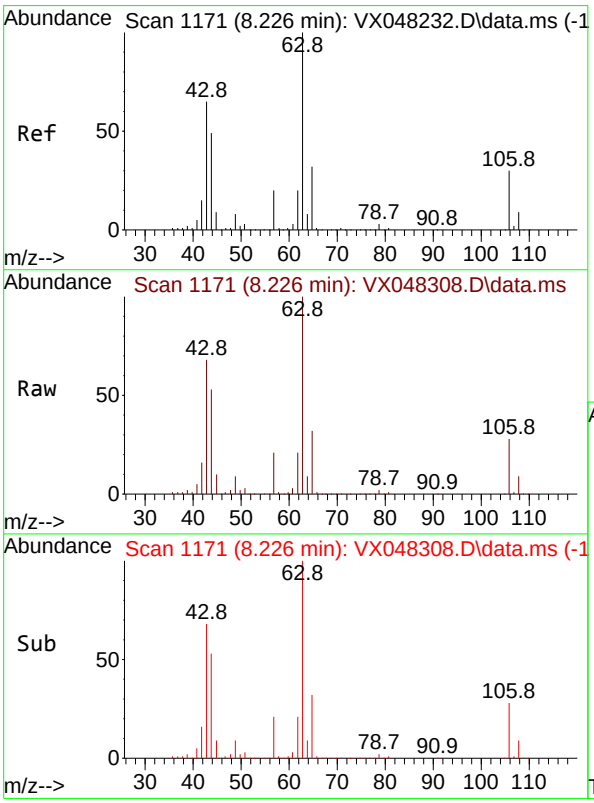
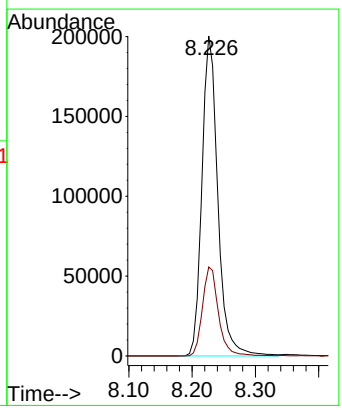
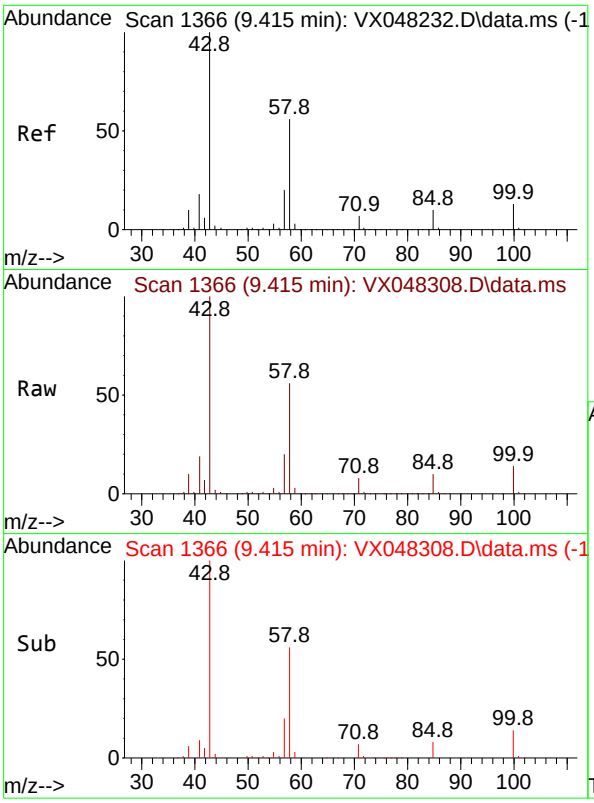



#58
2-Chloroethyl Vinyl ether
Concen: 255.410 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 63 Resp: 350352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.1 | 22.2 | 33.2 |






#59
2-Hexanone
Concen: 151.826 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 21129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.0 | 26.3 | 78.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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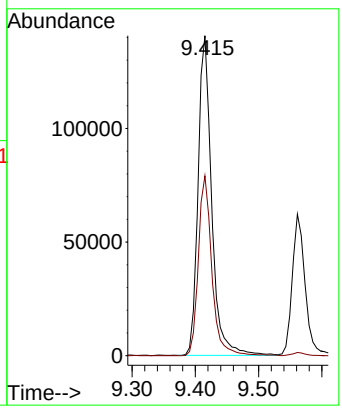
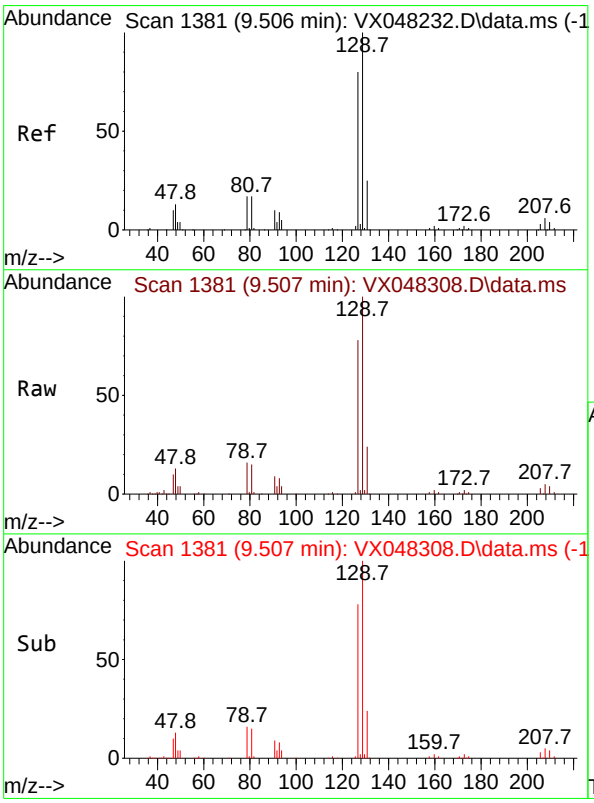
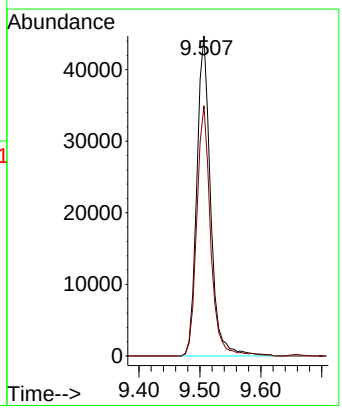


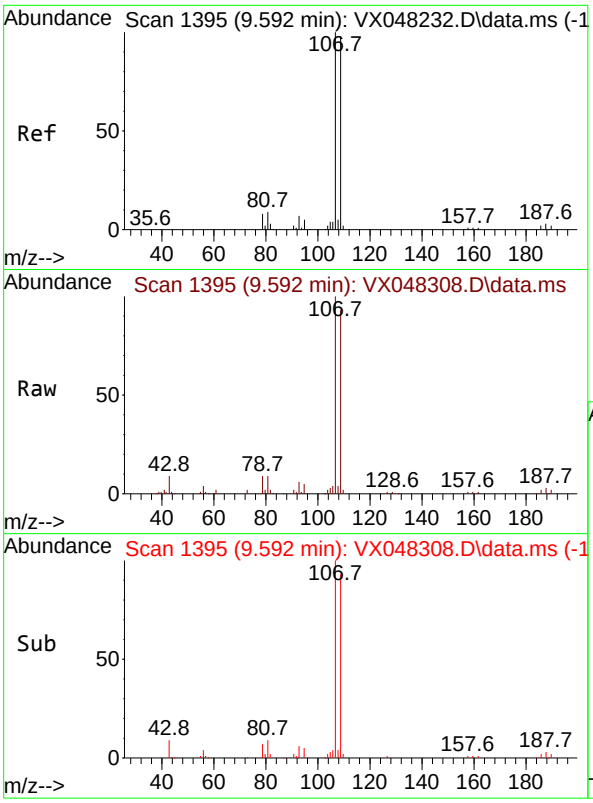




#60
Dibromochloromethane
Concen: 29.838 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:129 Resp: 69937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.7 | 38.6 | 115.7 |






#61
1,2-Dibromoethane
Concen: 31.036 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:107 Resp: 5770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.2 | 77.0 | 115.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

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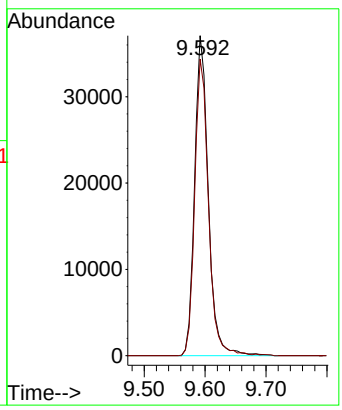
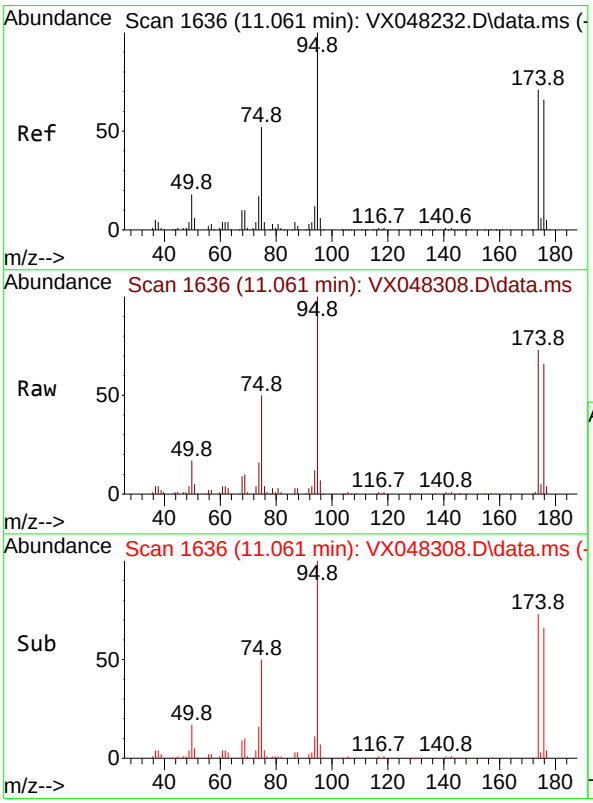
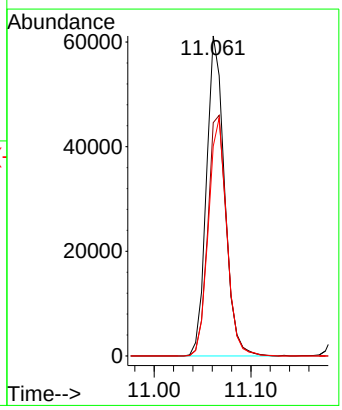


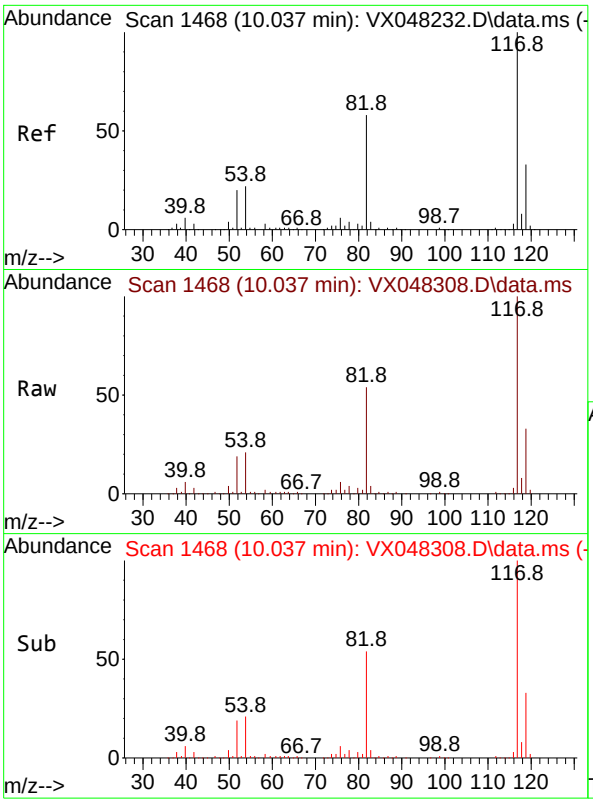




#62
4-Bromofluorobenzene
Concen: 33.314 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 95 Resp: 79463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.2 | 0.0 | 147.8 |
| 176 | 75.5 | 0.0 | 142.8 |

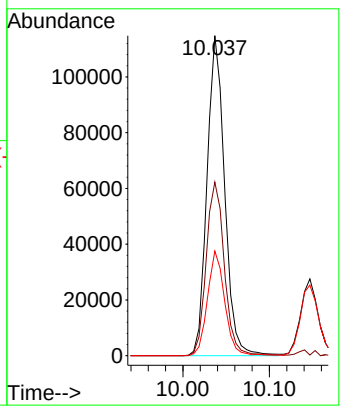





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:117 Resp: 16240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.2 | 46.5 | 69.7 |
| 119 | 32.7 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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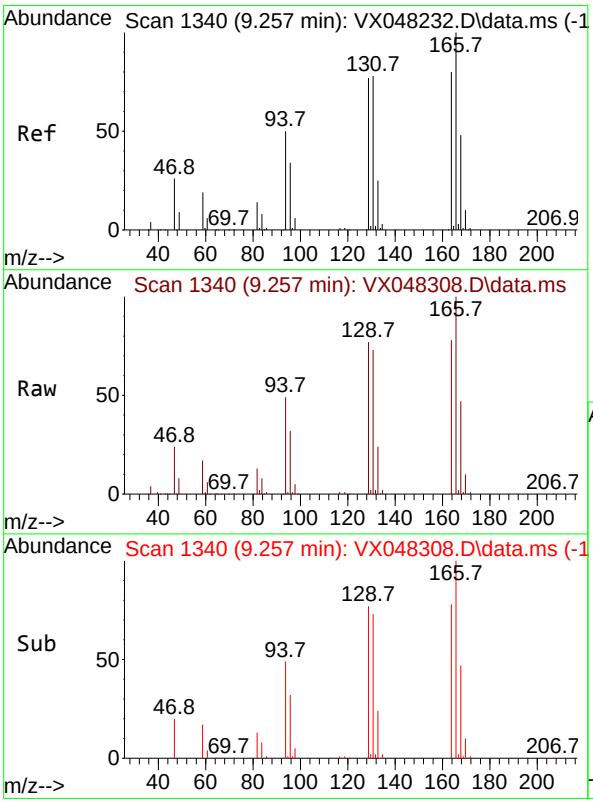
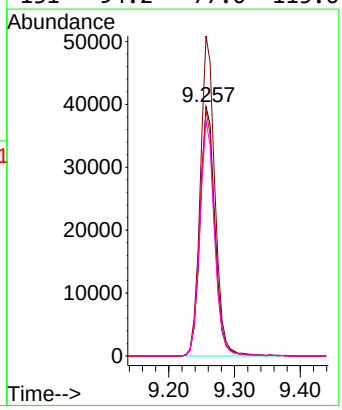
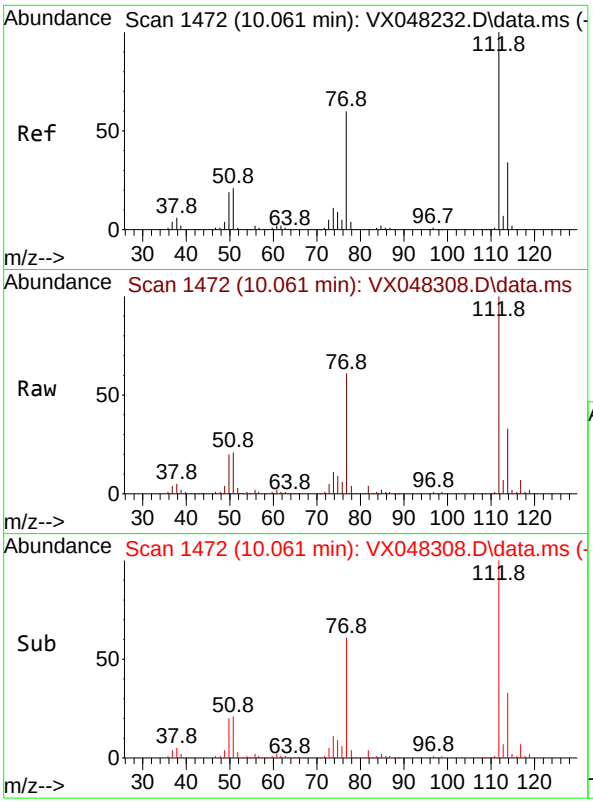



#64
Tetrachloroethene
Concen: 51.141 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:164 Resp: 62003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.4 | 104.5 | 156.7 |
| 129 | 98.6 | 81.8 | 122.6 |
| 131 | 94.2 | 77.0 | 115.6 |

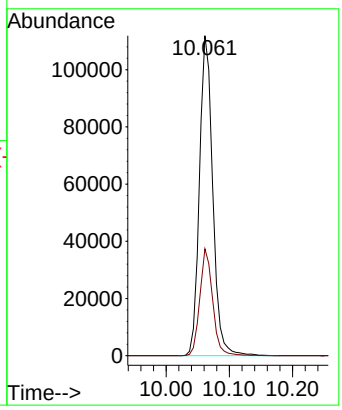





#65
Chlorobenzene
Concen: 44.931 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:112 Resp: 16414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.4 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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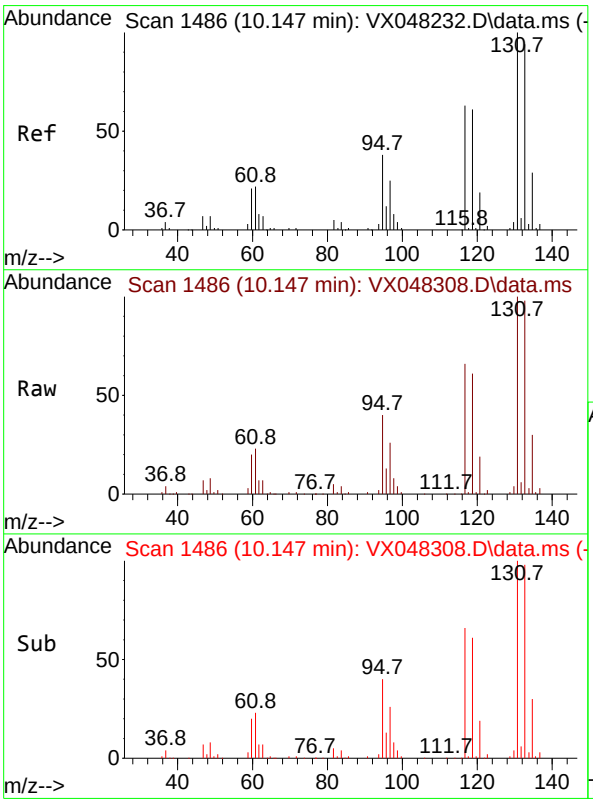
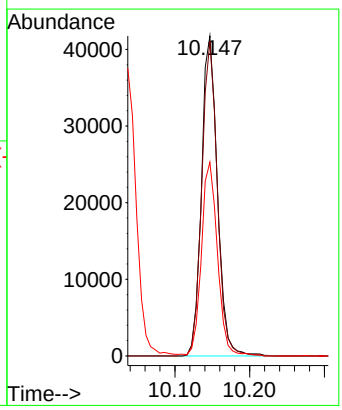
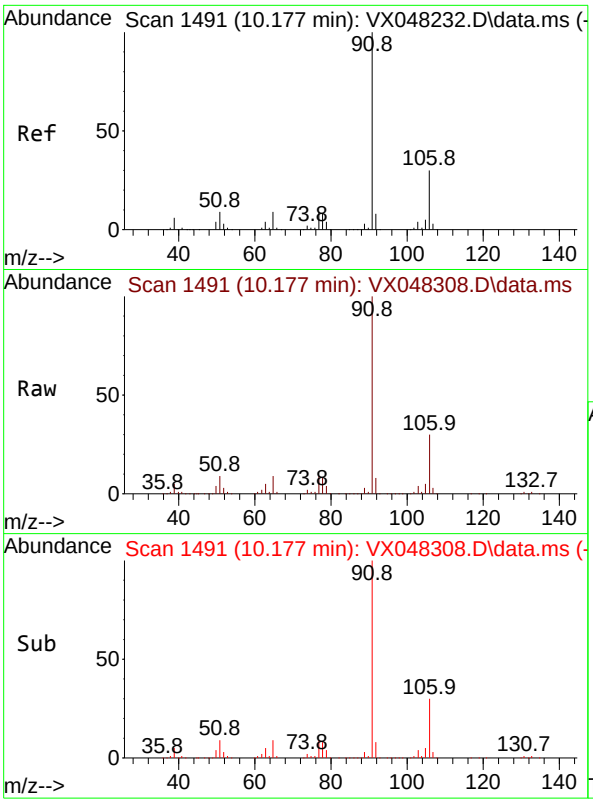



#66
1,1,1,2-Tetrachloroethane
Concen: 45.916 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:131 Resp: 61612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.2 | 47.6 | 142.8 |
| 119 | 61.3 | 32.5 | 97.5 |

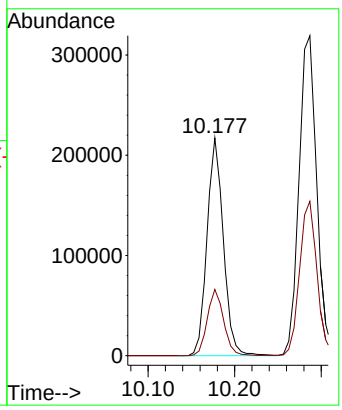





#67
Ethyl Benzene
Concen: 45.820 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 28500

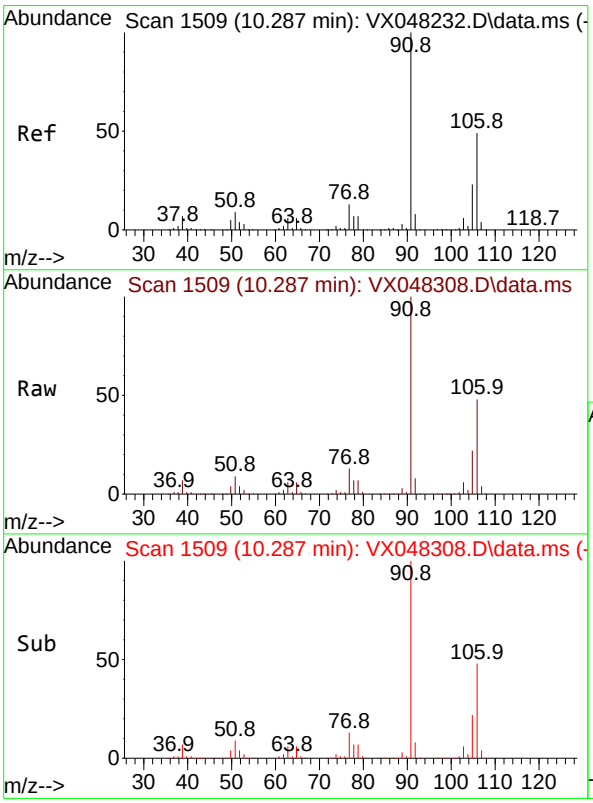
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

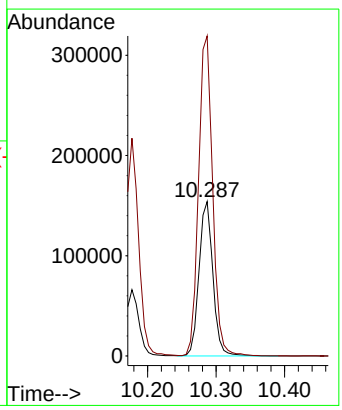
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

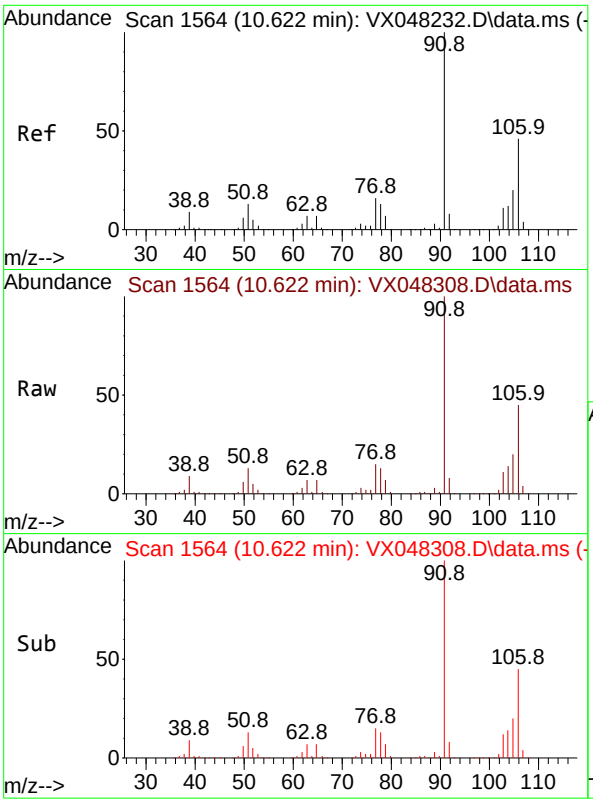



#68
m/p-Xylenes
Concen: 93.917 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:106 Resp: 217045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.6 | 167.9 | 251.9 |

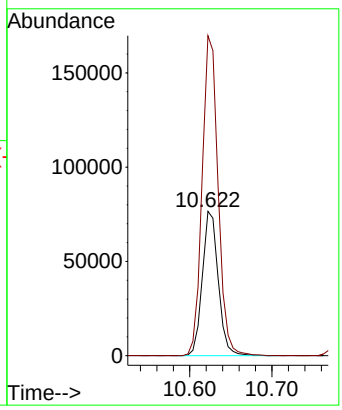





#69
o-Xylene
Concen: 46.180 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:106 Resp: 10303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.9 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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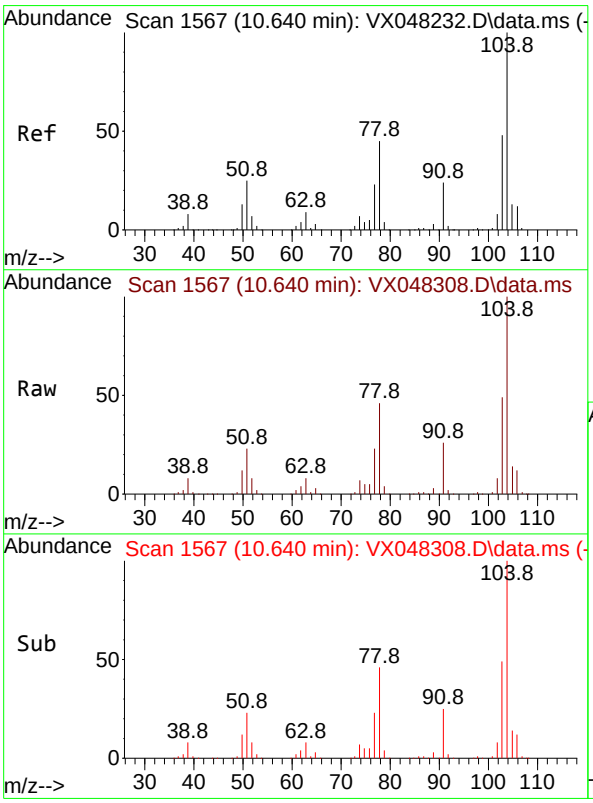
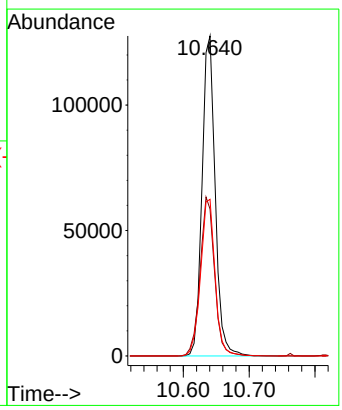
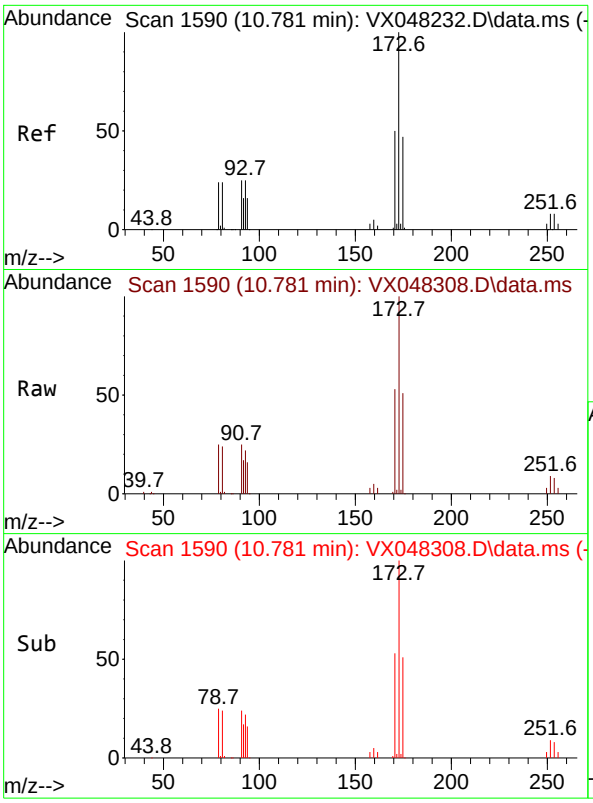



#70
Styrene
Concen: 46.785 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:104 Resp: 177742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.2 | 42.2 | 63.4 |
| 103 | 53.8 | 43.0 | 64.4 |

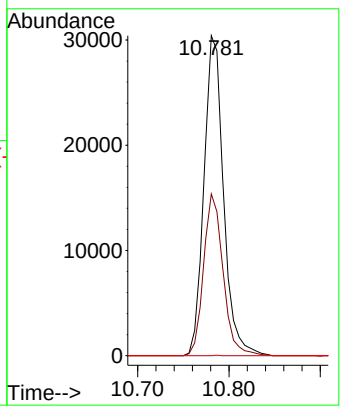





#71
Bromoform
Concen: 42.089 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:173 Resp: 4513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.2 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
Reviewed By :John Carlone 10/24/2025
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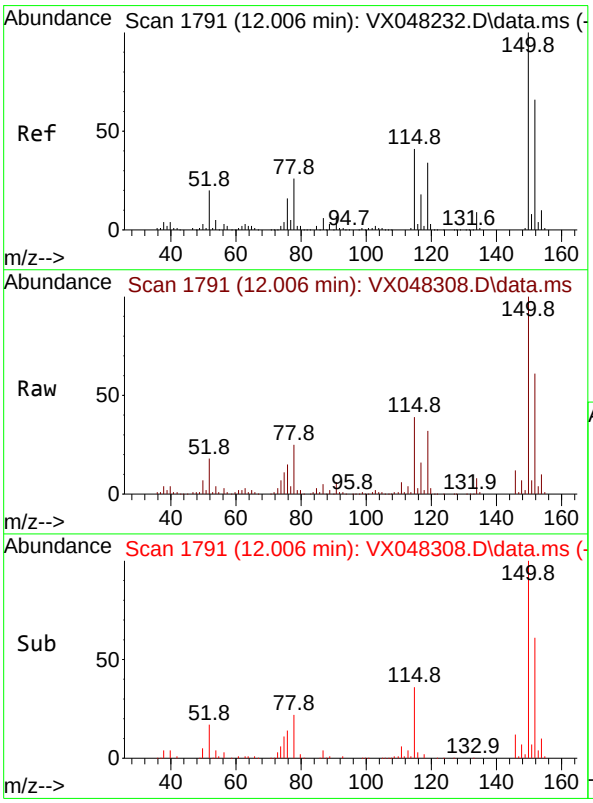
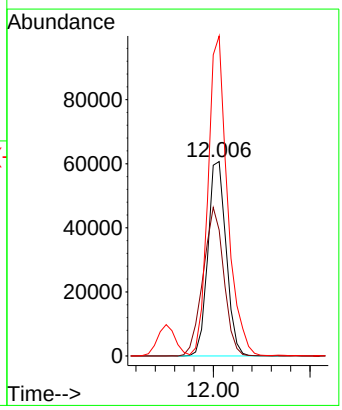
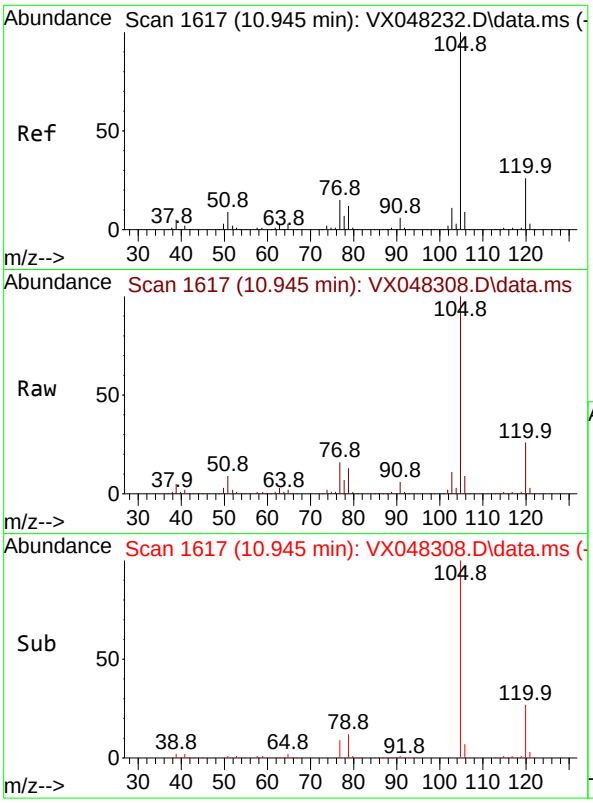



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:152 Resp: 79762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 86.4 | 43.1 | 129.4 |
| 150 | 173.7 | 0.0 | 353.0 |

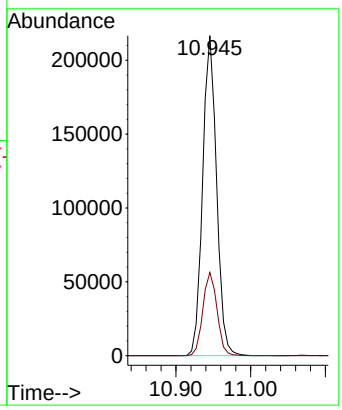





#73
Isopropylbenzene
Concen: 48.063 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:105 Resp: 28000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.4 | 13.0 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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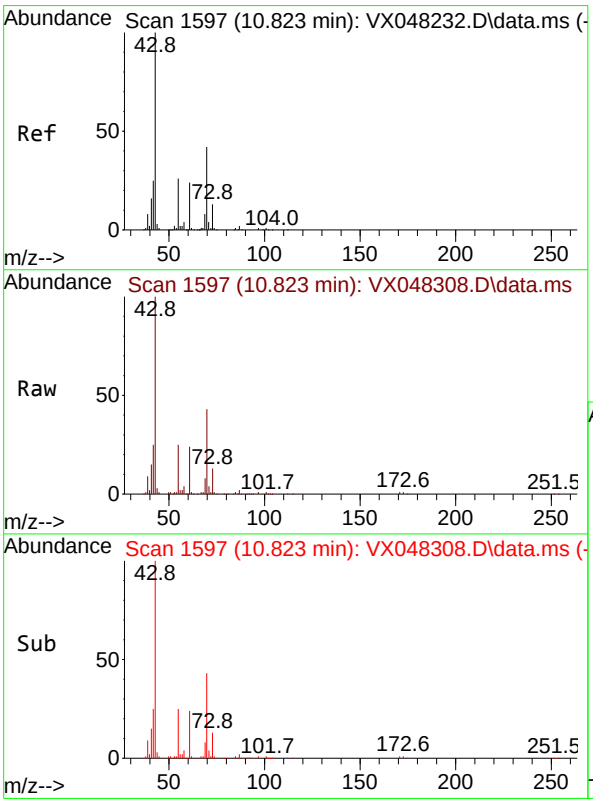
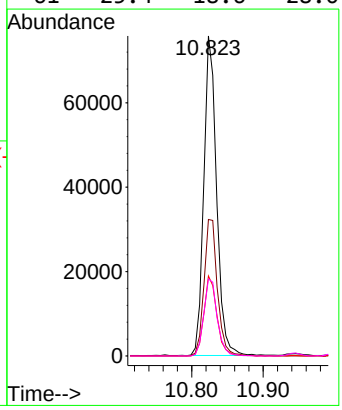
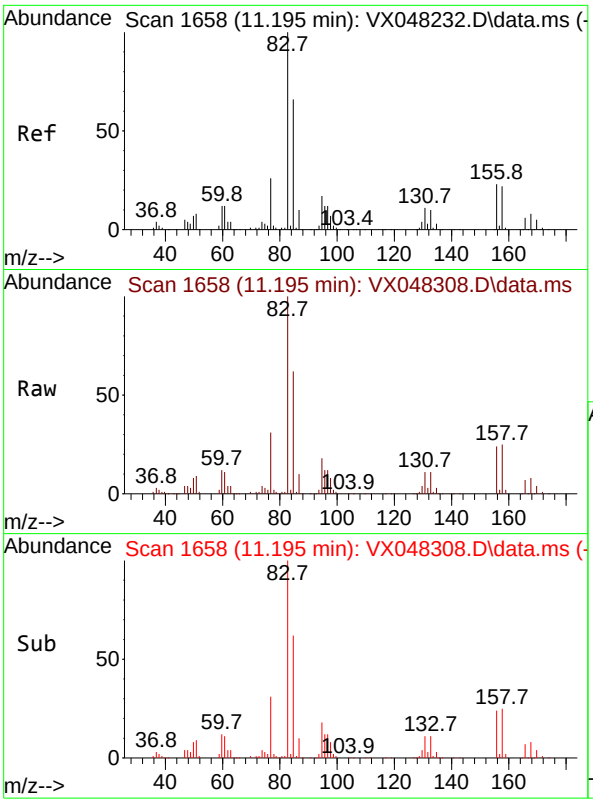



#74
N-amyl acetate
Concen: 45.596 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 94223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.9 | 32.2 | 48.2 |
| 55 | 25.4 | 19.1 | 28.7 |
| 61 | 25.4 | 18.6 | 28.0 |






#75
1,1,2,2-Tetrachloroethane
Concen: 44.003 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 83 Resp: 7000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.6 | 4.8 | 14.4 |
| 85 | 64.7 | 31.9 | 95.7 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

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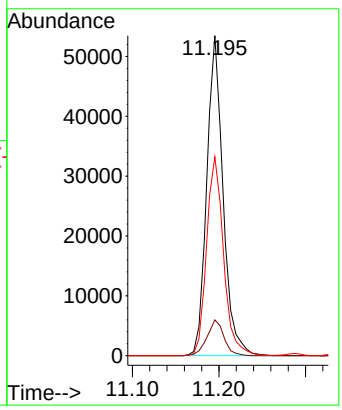
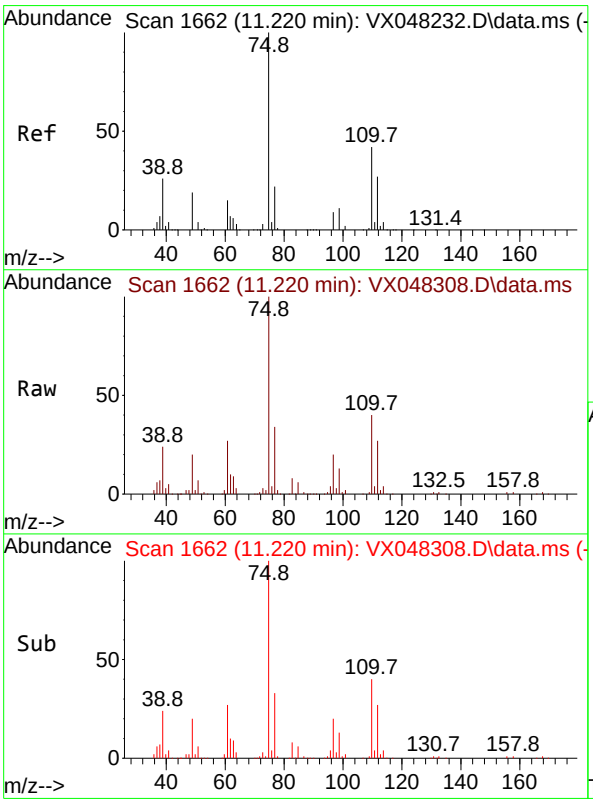
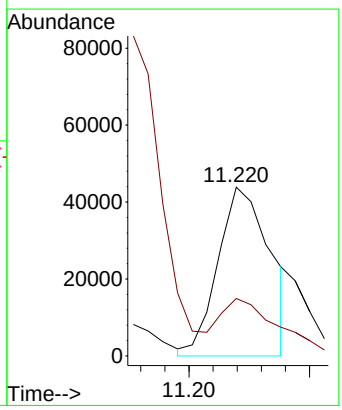


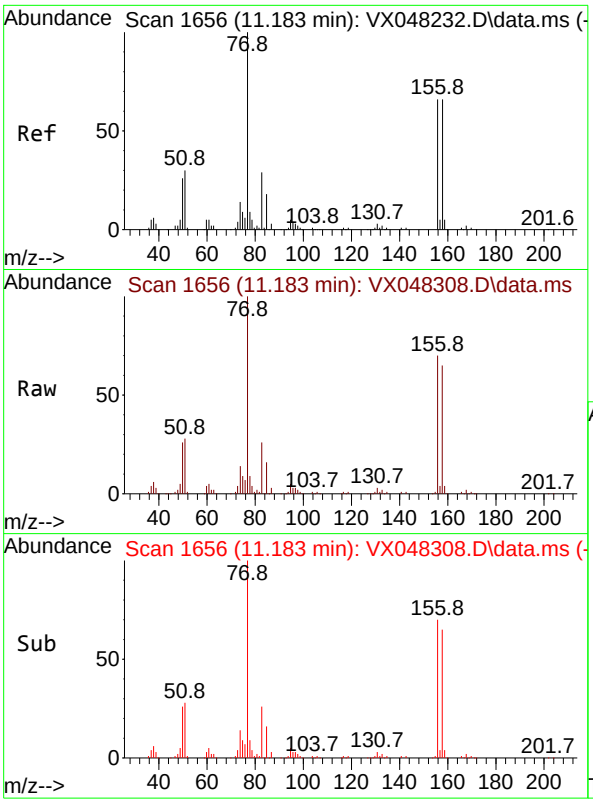




#76
1,2,3-Trichloropropane
Concen: 50.768 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 65667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.0 | 22.4 | 67.2 |

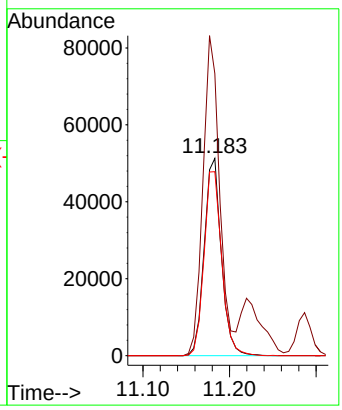





#77
Bromobenzene
Concen: 48.168 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:156 Resp: 7036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 158.9 | 87.0 | 261.0 |
| 158 | 96.8 | 47.8 | 143.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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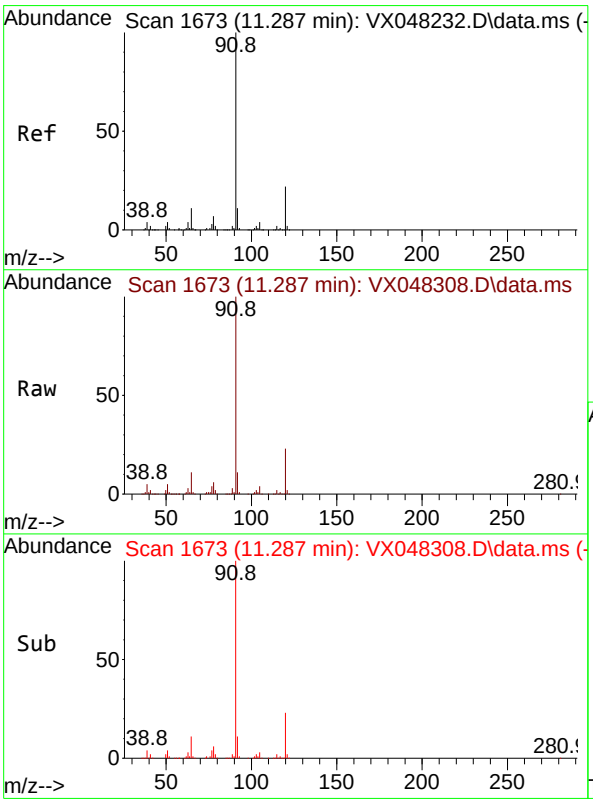
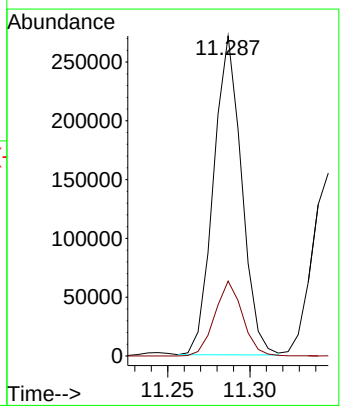
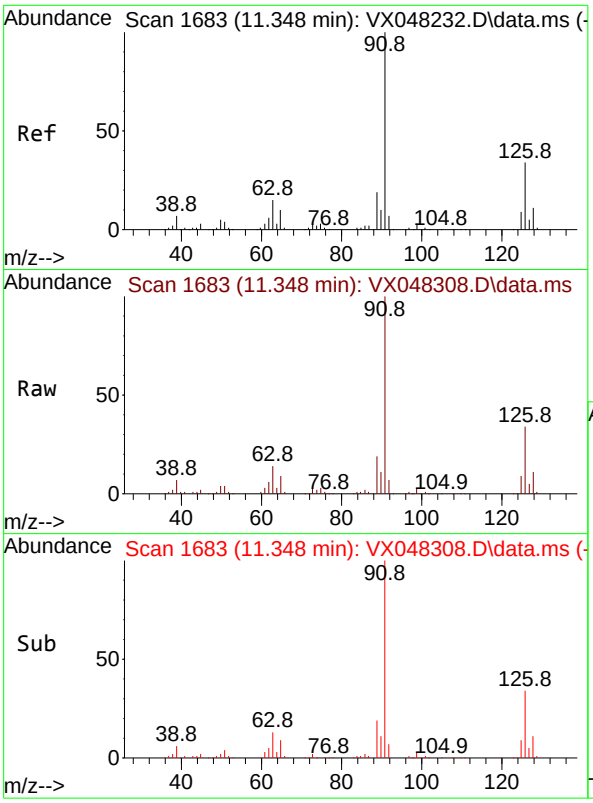



#78
n-propylbenzene
Concen: 47.765 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 322187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.2 | 11.1 | 33.1 |

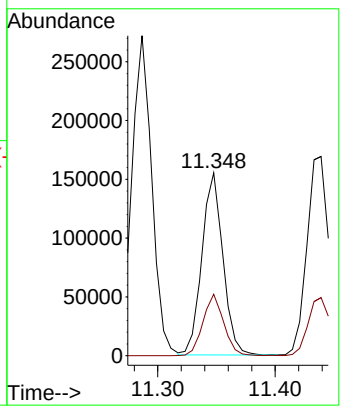





#79
2-Chlorotoluene
Concen: 47.160 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 19286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.3 | 16.4 | 49.4 |




**Instrument :**
MSVOA_X
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VSTDCCC050EC

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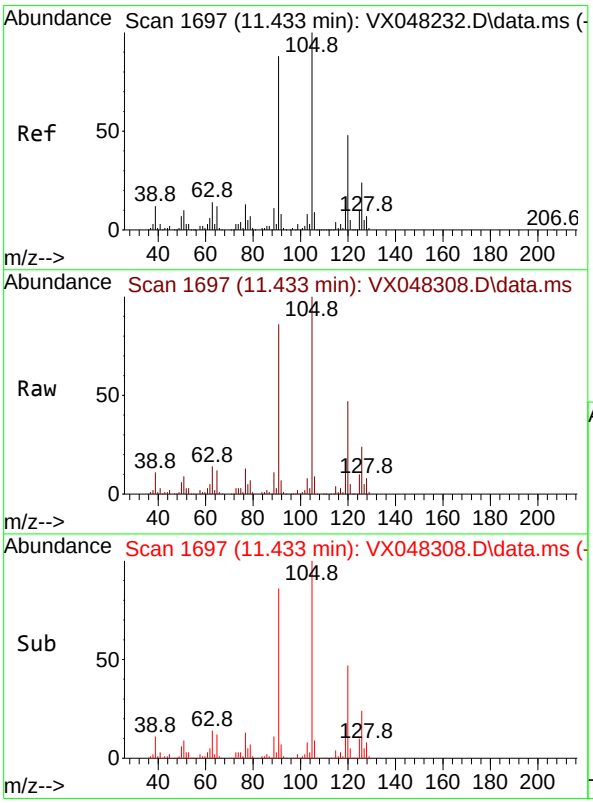
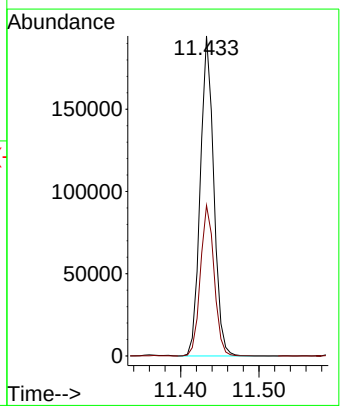
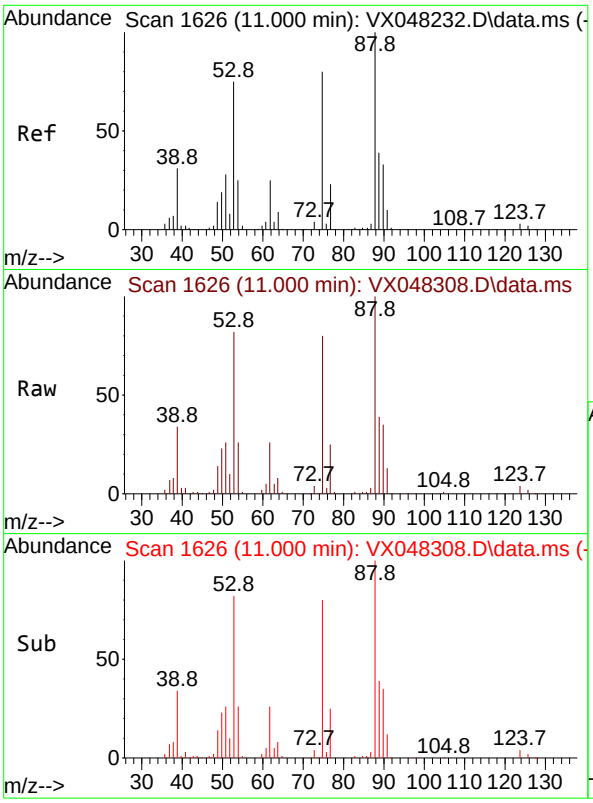



#80
1,3,5-Trimethylbenzene
Concen: 48.075 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:105 Resp: 231776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 24.0 | 72.0 |

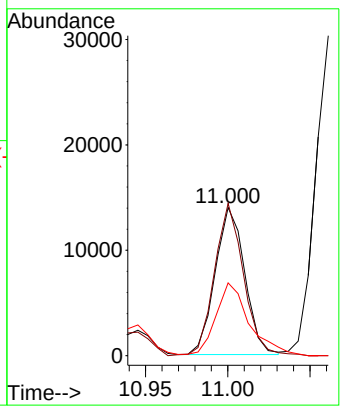





#81
trans-1,4-Dichloro-2-butene
Concen: 32.856 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 1746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 101.6 | 79.5 | 119.3 |
| 89 | 56.5 | 36.8 | 55.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**
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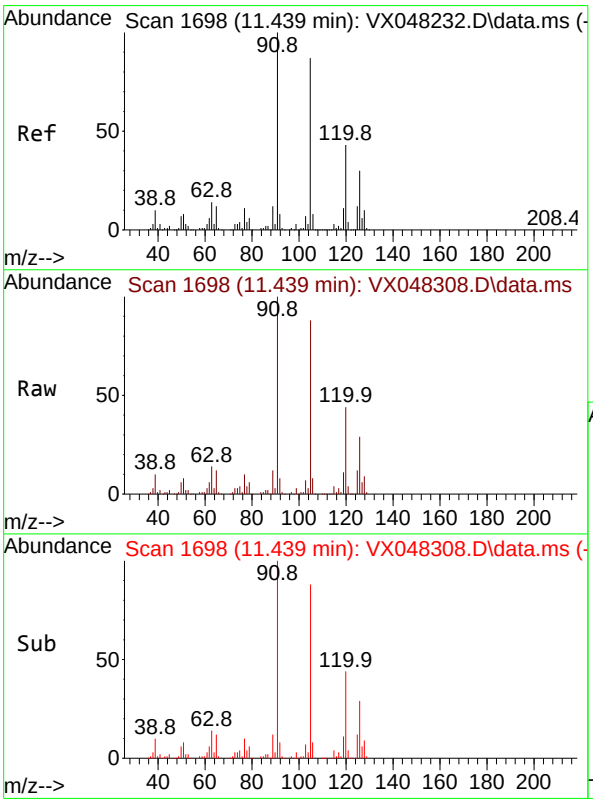
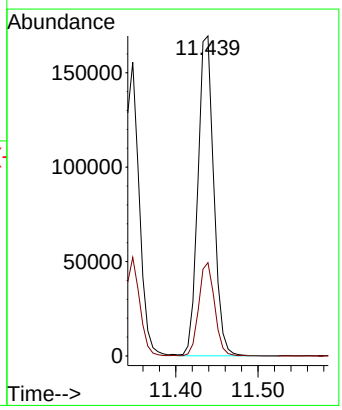
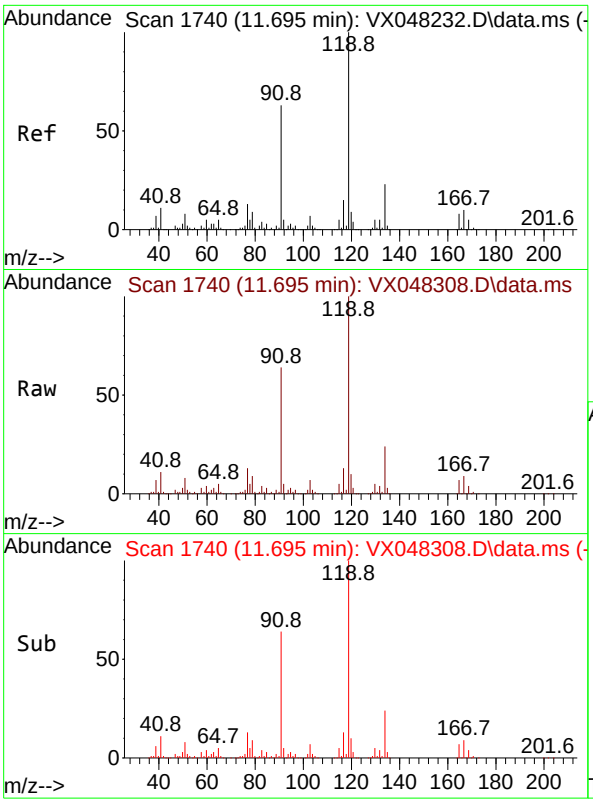



#82
4-Chlorotoluene
Concen: 46.681 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 226624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.2 | 14.1 | 42.4 |

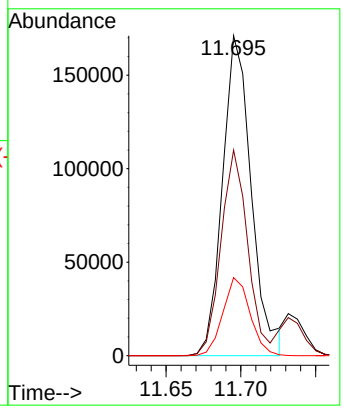





#83
tert-Butylbenzene
Concen: 46.177 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:119 Resp: 22874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.8 | 30.3 | 91.0 |
| 134 | 23.2 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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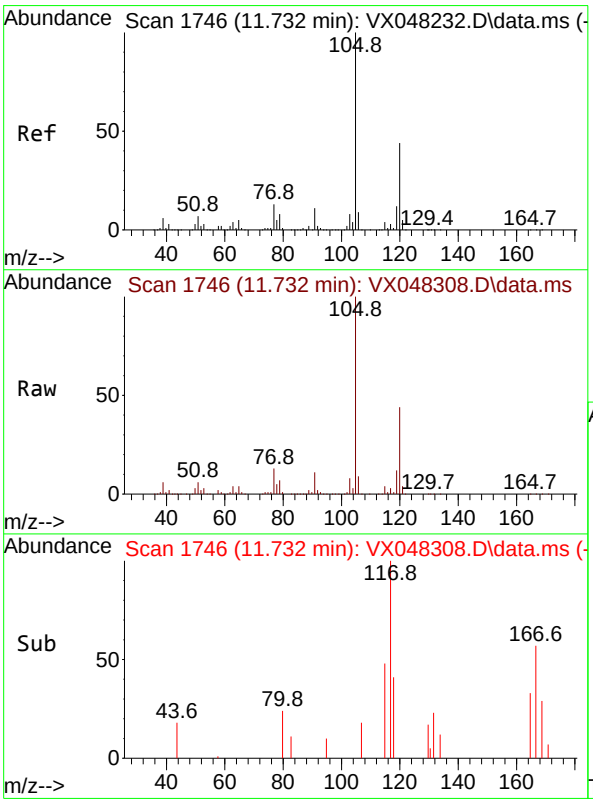
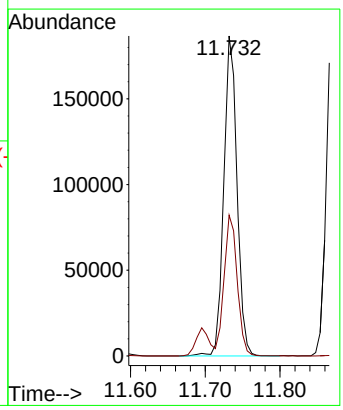
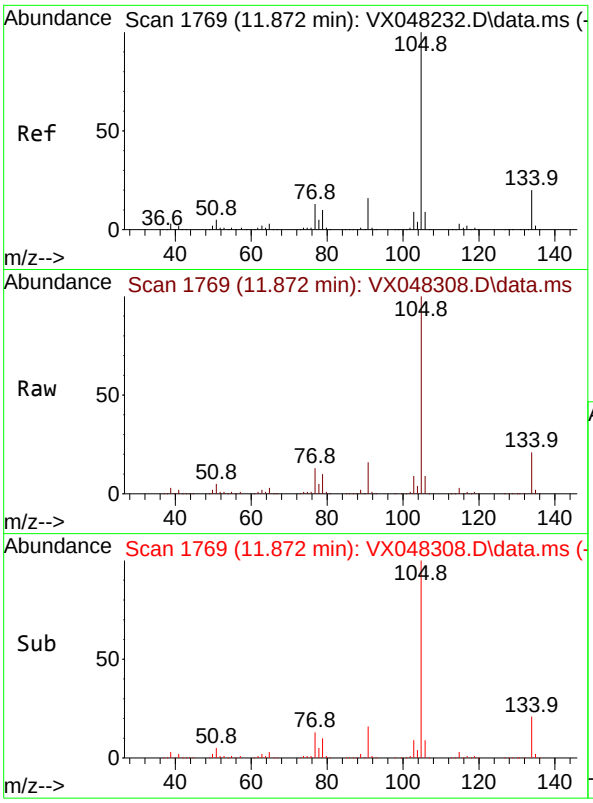



#84
1,2,4-Trimethylbenzene
Concen: 47.822 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:105 Resp: 230093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.7 | 22.1 | 66.5 |






#85
sec-Butylbenzene
Concen: 45.855 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

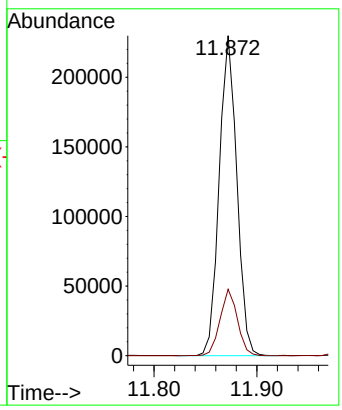
Tgt Ion:105 Resp: 27328

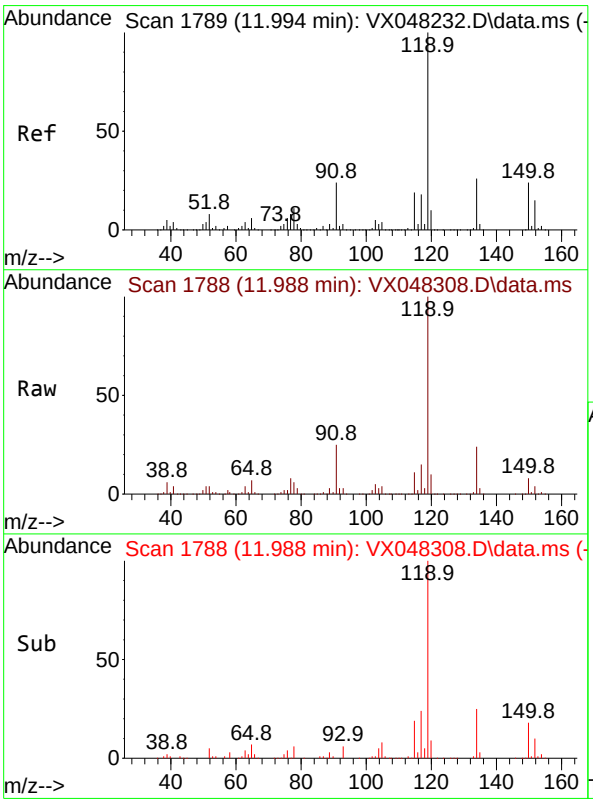
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.4 | 10.1 | 30.1 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

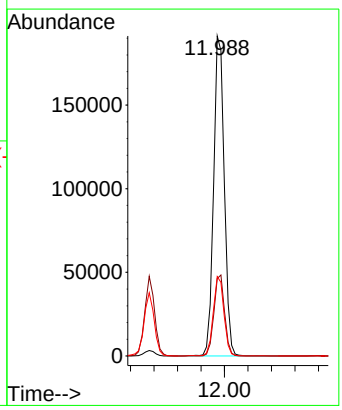


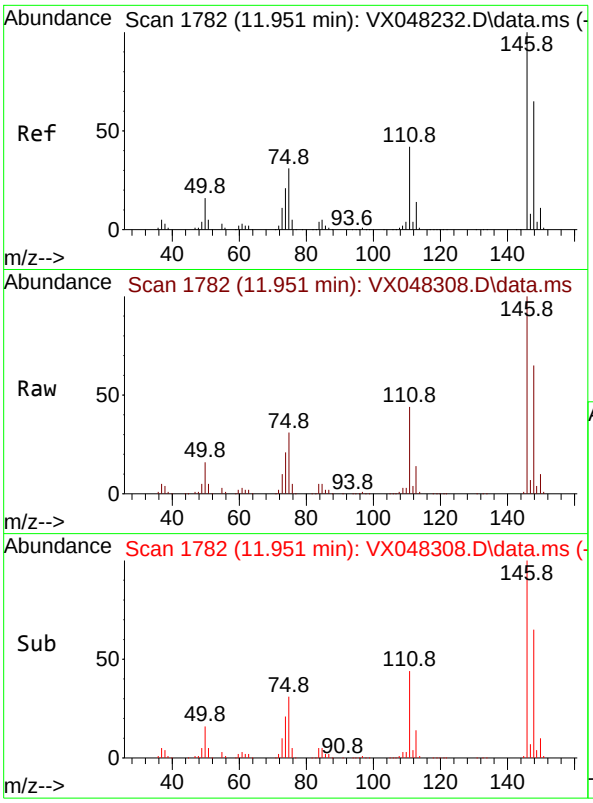




#86
p-Isopropyltoluene
Concen: 46.741 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:119 Resp: 240774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.2 | 13.0 | 39.0 |
| 91 | 24.8 | 12.1 | 36.3 |

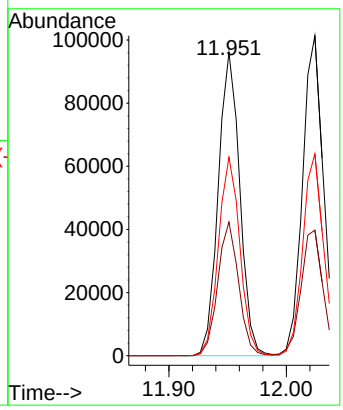





#87
1,3-Dichlorobenzene
Concen: 44.479 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:146 Resp: 12248

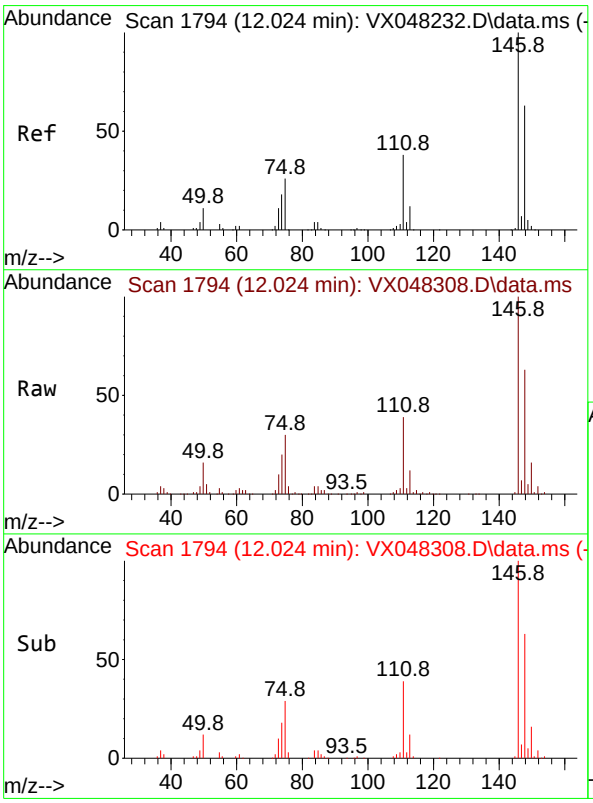
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.8 | 20.4 | 61.2 |
| 148 | 65.3 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

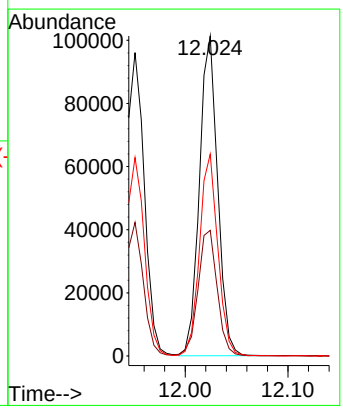
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

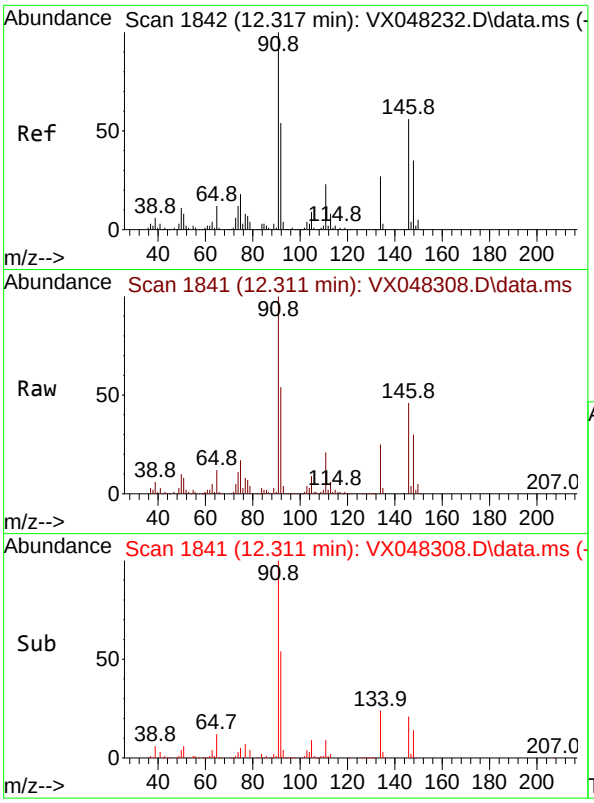



#88
1,4-Dichlorobenzene
Concen: 43.891 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:146 Resp: 125212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.3 | 20.1 | 60.2 |
| 148 | 63.6 | 31.8 | 95.3 |






#89
n-Butylbenzene
Concen: 44.679 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

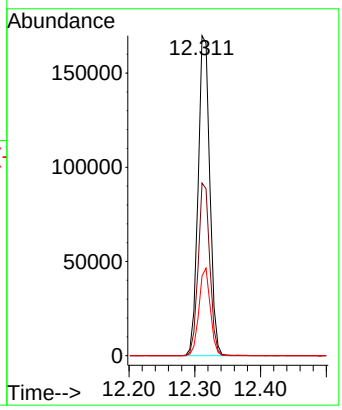
Tgt Ion: 91 Resp: 20948

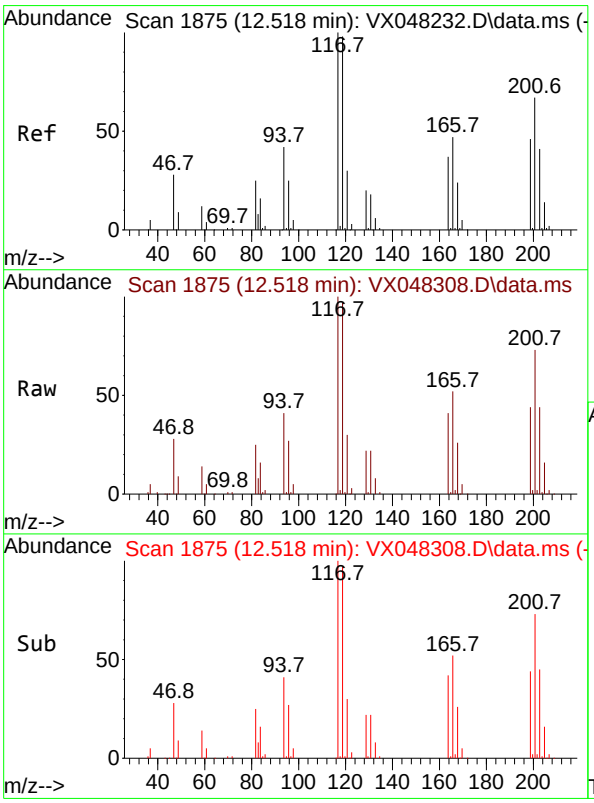
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.5 | 26.9 | 80.6 |
| 134 | 26.5 | 12.7 | 38.1 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

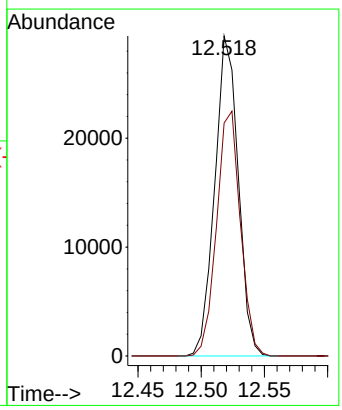


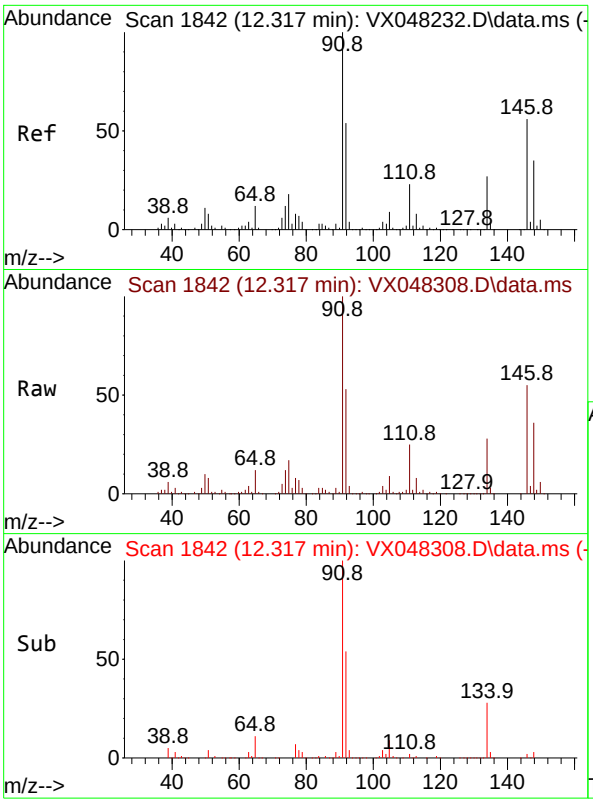




#90
Hexachloroethane
Concen: 37.170 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:117 Resp: 37811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 77.8 | 34.1 | 102.2 |

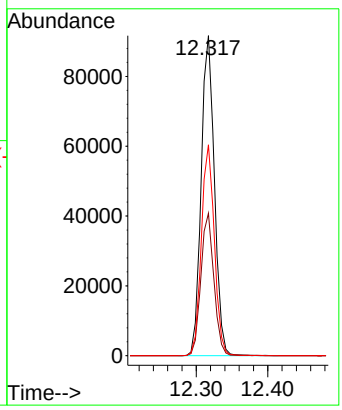





#91
1,2-Dichlorobenzene
Concen: 45.560 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:146 Resp: 11779

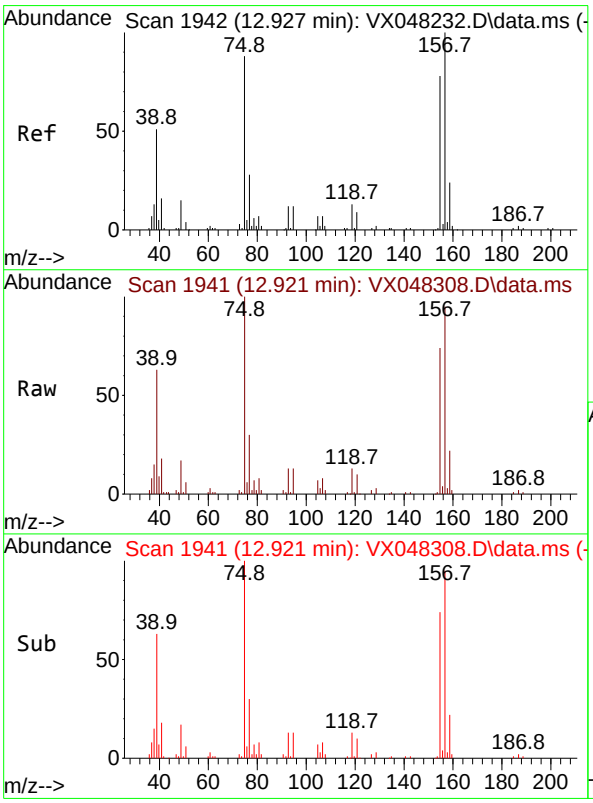
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.7 | 21.9 | 65.5 |
| 148 | 64.7 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

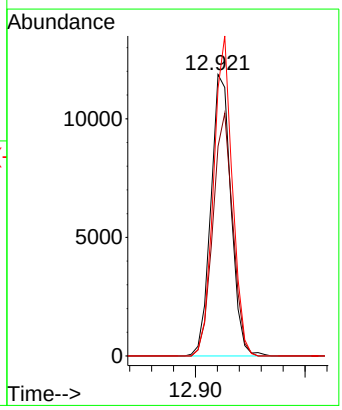
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

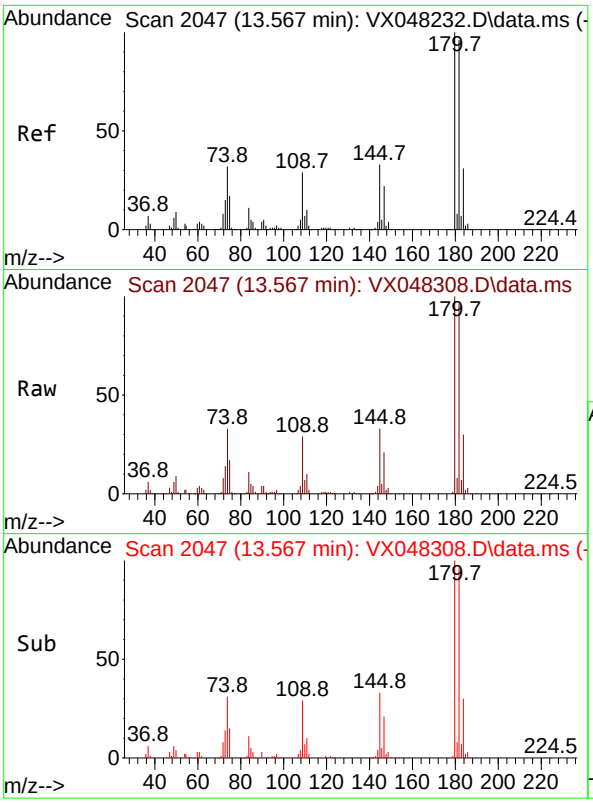



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.953 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 15163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 84.9 | 42.8 | 128.4 |
| 157 | 105.9 | 54.2 | 162.6 |

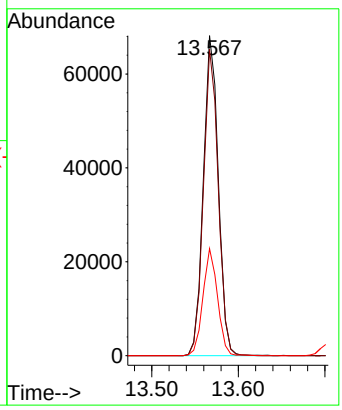





#93
1,2,4-Trichlorobenzene
Concen: 46.736 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:180 Resp: 8171

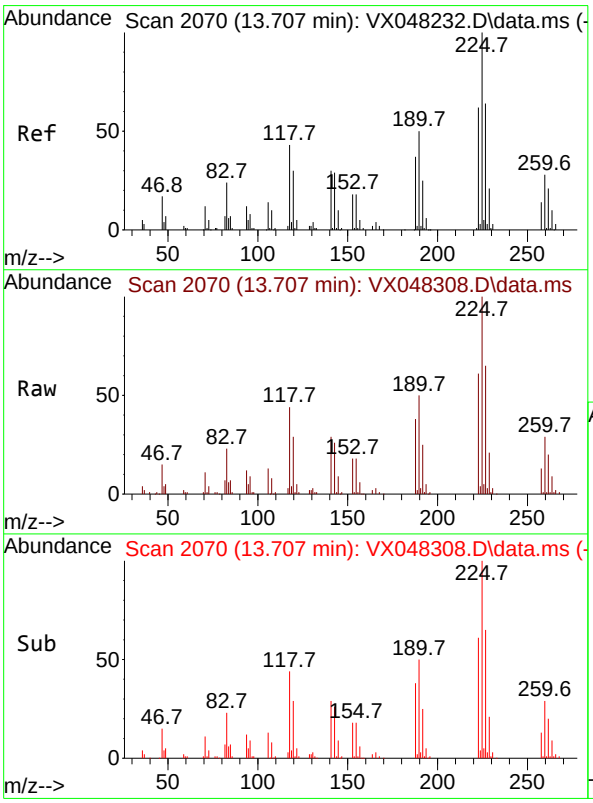
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 47.3 | 142.0 |
| 145 | 32.7 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

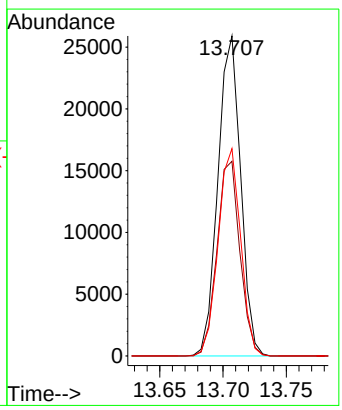
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

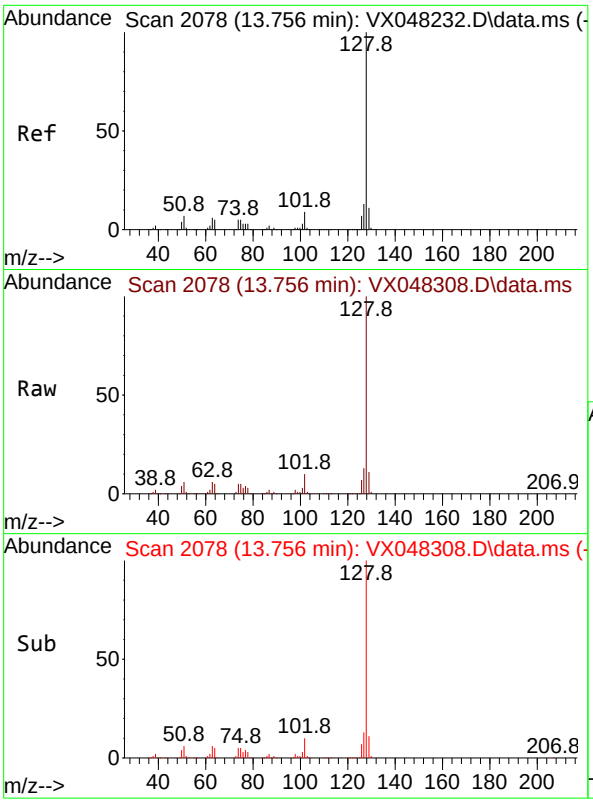



#94
Hexachlorobutadiene
Concen: 49.279 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:225 Resp: 32287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 32.6 | 97.7 |
| 227 | 64.2 | 32.5 | 97.4 |

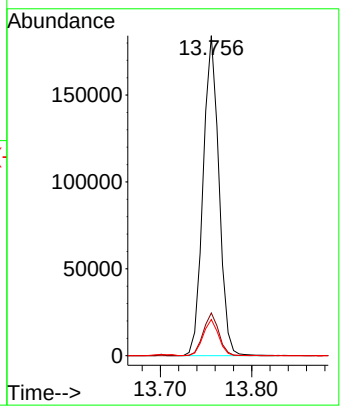





#95
Naphthalene
Concen: 47.634 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:128 Resp: 22065

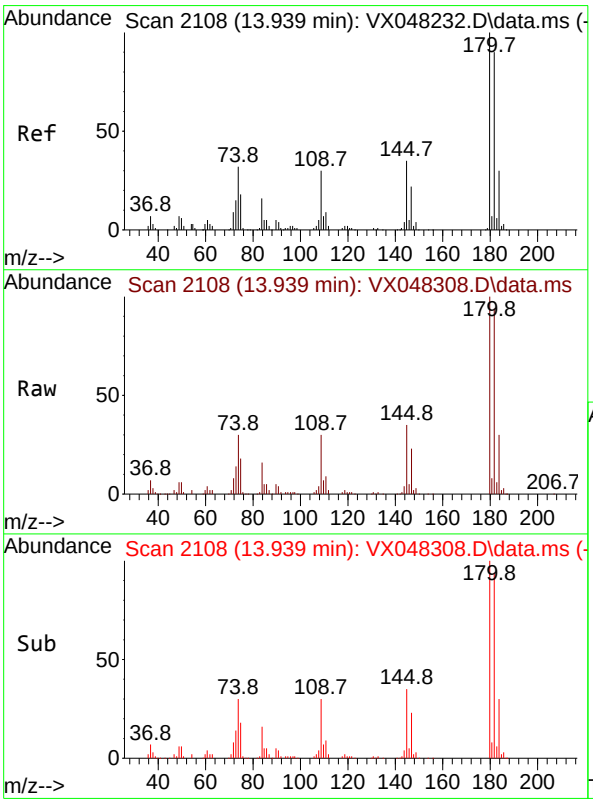
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.4 |
| 129 | 11.1 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

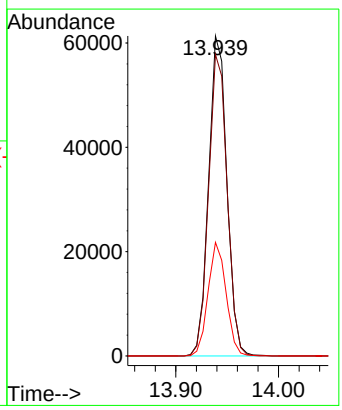
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025




#96
1,2,3-Trichlorobenzene
Concen: 47.178 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:180 Resp: 75696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 46.6 | 139.7 |
| 145 | 35.1 | 16.9 | 50.7 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 133 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.514 | 0.399 | 22.4 | 110 | 0.00 |
| 3 | P | Chloromethane | 0.480 | 0.227 | 52.7# | 67 | 0.00 |
| 4 | C | Vinyl Chloride | 0.444 | 0.551 | -24.1# | 176# | 0.00 |
| 5 | T | Bromomethane | 0.302 | 0.195 | 35.4# | 92 | 0.00 |
| 6 | T | Chloroethane | 0.261 | 0.341 | -30.7# | 184# | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.852 | 0.884 | -3.8 | 146 | 0.00 |
| 8 | T | Diethyl Ether | 0.240 | 0.324 | -35.0# | 194# | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.540 | 0.363 | 32.8# | 96 | 0.00 |
| 10 | T | Methyl Iodide | 0.678 | 1.095 | -61.5# | 220# | 0.00 |
| 11 | T | Tert butyl alcohol | 0.070 | 0.039 | 44.3# | 84 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.525 | 0.380 | 27.6# | 104 | 0.00 |
| 13 | T | Acrolein | 0.071 | 0.090 | -26.8# | 183# | 0.00 |
| 14 | T | Allyl chloride | 0.872 | 0.482 | 44.7# | 80 | 0.00 |
| 15 | T | Acrylonitrile | 0.251 | 0.139 | 44.6# | 77 | 0.00 |
| 16 | T | Acetone | 0.240 | 0.116 | 51.7# | 76 | 0.00 |
| 17 | T | Carbon Disulfide | 1.654 | 0.844 | 49.0# | 78 | 0.00 |
| 18 | T | Methyl Acetate | 0.502 | 0.359 | 28.5# | 102 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.791 | 1.118 | 37.6# | 87 | 0.00 |
| 20 | T | Methylene Chloride | 0.586 | 0.346 | 41.0# | 84 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.577 | 0.345 | 40.2# | 86 | 0.00 |
| 22 | T | Diisopropyl ether | 1.738 | 1.760 | -1.3 | 141 | 0.00 |
| 23 | T | Vinyl Acetate | 1.389 | 1.340 | 3.5 | 132 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.051 | 0.669 | 36.3# | 91 | 0.00 |
| 25 | T | 2-Butanone | 0.304 | 0.276 | 9.2 | 130 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.949 | 0.818 | 13.8 | 124 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.673 | 0.660 | 1.9 | 140 | 0.00 |
| 28 | T | Bromochloromethane | 0.436 | 0.453 | -3.9 | 137 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.182 | 0.183 | -0.5 | 142 | 0.00 |
| 30 | C | Chloroform | 1.123 | 1.031 | 8.2# | 131 | 0.00 |
| 31 | T | Cyclohexane | 0.870 | 0.868 | 0.2 | 141 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.035 | 0.922 | 10.9 | 126 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.701 | 0.593 | 15.4 | 116 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 130 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.341 | 0.295 | 13.5 | 116 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.485 | 0.440 | 9.3 | 132 | 0.00 |
| 37 | T | Ethyl Acetate | 0.402 | 0.441 | -9.7 | 156# | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.599 | 0.488 | 18.5 | 114 | 0.00 |
| 39 | T | Methylcyclohexane | 0.573 | 0.544 | 5.1 | 131 | 0.00 |
| 40 | TM | Benzene | 1.409 | 1.296 | 8.0 | 129 | 0.00 |
| 41 | T | Methacrylonitrile | 0.211 | 0.215 | -1.9 | 137 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.520 | 0.475 | 8.7 | 123 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.661 | 0.686 | -3.8 | 140 | 0.00 |
| 44 | TM | Trichloroethene | 0.372 | 0.354 | 4.8 | 132 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.335 | 0.337 | -0.6# | 136 | 0.00 |
| 46 | T | Dibromomethane | 0.261 | 0.235 | 10.0 | 124 | 0.00 |
| 47 | T | Bromodichloromethane | 0.563 | 0.500 | 11.2 | 121 | 0.00 |
| 48 | T | Methyl methacrylate | 0.333 | 0.320 | 3.9 | 129 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.004 | 0.004 | 0.0 | 113 | 0.00 |
| 50 | S | Toluene-d8 | 1.196 | 1.171 | 2.1 | 128 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.381 | 0.395 | -3.7 | 136 | 0.00 |
| 52 | CM | Toluene | 0.895 | 0.865 | 3.4# | 130 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.543 | 0.472 | 13.1 | 113 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.586 | 0.502 | 14.3 | 114 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.333 | 0.256 | 23.1 | 104 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.487 | 0.438 | 10.1 | 116 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.568 | 0.362 | 36.3# | 86 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.232 | 0.267 | -15.1 | 134 | 0.00 |
| 59 | T | 2-Hexanone | 0.266 | 0.161 | 39.5# | 79 | 0.00 |
| 60 | T | Dibromochloromethane | 0.447 | 0.267 | 40.3# | 82 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.355 | 0.220 | 38.0# | 84 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.455 | 0.303 | 33.4# | 89 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 88 | 0.00 |
| 64 | T | Tetrachloroethene | 0.373 | 0.382 | -2.4 | 102 | 0.00 |
| 65 | PM | Chlorobenzene | 1.125 | 1.011 | 10.1 | 85 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.413 | 0.379 | 8.2 | 86 | 0.00 |
| 67 | C | Ethyl Benzene | 1.915 | 1.755 | 8.4# | 85 | 0.00 |
| 68 | T | m/p-Xylenes | 0.712 | 0.668 | 6.2 | 86 | 0.00 |
| 69 | T | o-Xylene | 0.687 | 0.634 | 7.7 | 84 | 0.00 |
| 70 | T | Styrene | 1.170 | 1.094 | 6.5 | 84 | 0.00 |
| 71 | P | Bromoform | 0.330 | 0.278 | 15.8 | 79 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 86 | 0.00 |
| 73 | T | Isopropylbenzene | 3.652 | 3.511 | 3.9 | 88 | 0.00 |
| 74 | T | N-amyl acetate | 1.295 | 1.181 | 8.8 | 81 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.997 | 0.878 | 11.9 | 80 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.811 | 0.823 | -1.5 | 96 | 0.00 |
| 77 | T | Bromobenzene | 0.916 | 0.882 | 3.7 | 88 | 0.00 |
| 78 | T | n-propylbenzene | 4.228 | 4.039 | 4.5 | 87 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.564 | 2.418 | 5.7 | 87 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.022 | 2.906 | 3.8 | 87 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.333 | 0.219 | 34.2# | 60 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.043 | 2.841 | 6.6 | 85 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.105 | 2.868 | 7.6 | 85 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.016 | 2.885 | 4.3 | 87 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.736 | 3.426 | 8.3 | 85 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.229 | 3.019 | 6.5 | 87 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.726 | 1.536 | 11.0 | 85 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.788 | 1.570 | 12.2 | 86 | 0.00 |
| 89 | T | n-Butylbenzene | 2.939 | 2.626 | 10.6 | 86 | 0.00 |
| 90 | T | Hexachloroethane | 0.638 | 0.474 | 25.7# | 72 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.621 | 1.477 | 8.9 | 85 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.202 | 0.190 | 5.9 | 84 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.096 | 1.025 | 6.5 | 92 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.507 | 0.405 | 20.1 | 93 | 0.00 |
| 95 | T | Naphthalene | 2.904 | 2.766 | 4.8 | 86 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 1.006 | 0.949 | 5.7 | 90 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 133 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 38.824 | 22.4 | 110 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 23.638 | 52.7# | 67 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 62.022 | -24.0# | 176 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 32.356 | 35.3# | 92 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 65.362 | -30.7# | 184 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 51.880 | -3.8 | 146 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 67.517 | -35.0# | 194 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 33.597 | 32.8# | 96 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 80.726 | -61.5# | 220 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 140.093 | 44.0# | 84 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 36.180 | 27.6# | 104 | 0.00 |
| 13 | T | Acrolein | 250.000 | 315.647 | -26.3# | 183 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 27.644 | 44.7# | 80 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 138.075 | 44.8# | 77 | 0.00 |
| 16 | T | Acetone | 250.000 | 120.131 | 51.9# | 76 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 25.495 | 49.0# | 78 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 35.728 | 28.5# | 102 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 31.207 | 37.6# | 87 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 29.518 | 41.0# | 84 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 29.957 | 40.1# | 86 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 50.635 | -1.3 | 141 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 241.211 | 3.5 | 132 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 31.824 | 36.4# | 91 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 226.319 | 9.5 | 130 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 43.131 | 13.7 | 124 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 49.014 | 2.0 | 140 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 51.950 | -3.9 | 137 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 250.563 | -0.2 | 142 | 0.00 |
| 30 | C | Chloroform | 50.000 | 45.928 | 8.1# | 131 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 49.868 | 0.3 | 141 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 44.558 | 10.9 | 126 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 42.315 | 15.4 | 116 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 130 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 43.158 | 13.7 | 116 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 45.375 | 9.3 | 132 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 54.827 | -9.7 | 156 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 40.741 | 18.5 | 114 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 47.470 | 5.1 | 131 | 0.00 |
| 40 | TM | Benzene | 50.000 | 46.000 | 8.0 | 129 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 51.006 | -2.0 | 137 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 45.697 | 8.6 | 123 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 51.932 | -3.9 | 140 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 47.655 | 4.7 | 132 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.369 | -0.7# | 136 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 45.095 | 9.8 | 124 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 44.420 | 11.2 | 121 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 48.050 | 3.9 | 129 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 879.716 | 12.0 | 113 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 48.945 | 2.1 | 128 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 259.006 | -3.6 | 136 | 0.00 |
| 52 | CM | Toluene | 50.000 | 48.329 | 3.3# | 130 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 43.501 | 13.0 | 113 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 42.840 | 14.3 | 114 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 38.524 | 23.0 | 104 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 44.971 | 10.1 | 116 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 31.867 | 36.3# | 86 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 255.410 | -2.2 | 134 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 151.826 | 39.3# | 79 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 29.838 | 40.3# | 82 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 31.036 | 37.9# | 84 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 33.314 | 33.4# | 89 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 88 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 51.141 | -2.3 | 102 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 44.931 | 10.1 | 85 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 45.916 | 8.2 | 86 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 45.820 | 8.4# | 85 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 93.917 | 6.1 | 86 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 46.180 | 7.6 | 84 | 0.00 |
| 70 | T | Styrene | 50.000 | 46.785 | 6.4 | 84 | 0.00 |
| 71 | P | Bromoform | 50.000 | 42.089 | 15.8 | 79 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 86 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 48.063 | 3.9 | 88 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 45.596 | 8.8 | 81 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 44.003 | 12.0 | 80 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 50.768 | -1.5 | 96 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 48.168 | 3.7 | 88 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 47.765 | 4.5 | 87 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 47.160 | 5.7 | 87 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 48.075 | 3.8 | 87 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 32.856 | 34.3# | 60 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 46.681 | 6.6 | 85 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 46.177 | 7.6 | 85 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 47.822 | 4.4 | 87 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 45.855 | 8.3 | 85 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 46.741 | 6.5 | 87 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 44.479 | 11.0 | 85 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 43.891 | 12.2 | 86 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 44.679 | 10.6 | 86 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 37.170 | 25.7# | 72 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 45.560 | 8.9 | 85 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 46.953 | 6.1 | 84 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 46.736 | 6.5 | 92 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 49.279 | 1.4 | 93 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 47.634 | 4.7 | 86 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 47.178 | 5.6 | 90 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_X | Calibration Date/Time: 10/24/2025 09:16

Lab File ID: VX048339.D | Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 10:59 13:49

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Vinyl Chloride | 0.444 | 0.627 | | 41.22 | 20 |
| 1,1-Dichloroethene | 0.525 | 0.572 | | 8.95 | 20 |
| 2-Butanone | 0.304 | 0.271 | | -10.85 | 20 |
| Carbon Tetrachloride | 0.599 | 0.550 | | -8.18 | 20 |
| Chloroform | 1.123 | 1.261 | | 12.29 | 20 |
| Benzene | 1.409 | 1.480 | | 5.04 | 20 |
| 1,2-Dichloroethane | 0.520 | 0.592 | | 13.85 | 20 |
| Trichloroethene | 0.372 | 0.374 | | 0.54 | 20 |
| Tetrachloroethene | 0.373 | 0.372 | | -0.27 | 20 |
| Chlorobenzene | 1.125 | 1.142 | 0.3 | 1.51 | 20 |
| 1,2-Dichloroethane-d4 | 0.701 | 0.754 | | 7.56 | 20 |
| Dibromofluoromethane | 0.341 | 0.277 | | -18.77 | 20 |
| Toluene-d8 | 1.196 | 1.133 | | -5.27 | 20 |
| 4-Bromofluorobenzene | 0.455 | 0.434 | | -4.61 | 20 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 125053 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.739 | 114 | 210685 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 187763 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 93479 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 94250 | 53.755 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 107.500% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 58414 | 40.612 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 81.220% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 238621 | 47.331 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 94.660% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 91425 | 47.668 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 95.340% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 59098 | 45.970 | ug/l | 96 |
| 3) Chloromethane | 1.300 | 50 | 28679 | 23.900 | ug/l | 98 |
| 4) Vinyl Chloride | 1.380 | 62 | 78438 | 70.590 | ug/l | 99 |
| 5) Bromomethane | 1.611 | 94 | 30849 | 40.909 | ug/l | 96 |
| 6) Chloroethane | 1.691 | 64 | 48125 | 73.704 | ug/l | 96 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 135485 | 63.576 | ug/l | 97 |
| 8) Diethyl Ether | 2.130 | 74 | 49757 | 82.980 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 74958 | 55.546 | ug/l | 99 |
| 10) Methyl Iodide | 2.453 | 142 | 278558 | 164.198 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.934 | 59 | 42499 | 244.130 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 71588 | 54.527 | ug/l | 96 |
| 13) Acrolein | 2.233 | 56 | 70039 | 394.484 | ug/l | 99 |
| 14) Allyl chloride | 2.660 | 41 | 126613 | 58.086 | ug/l | 96 |
| 15) Acrylonitrile | 3.050 | 53 | 180209 | 287.081 | ug/l | 99 |
| 16) Acetone | 2.367 | 43 | 102142 | 169.814 | ug/l | 94 |
| 17) Carbon Disulfide | 2.514 | 76 | 196078 | 47.388 | ug/l | 99 |
| 18) Methyl Acetate | 2.697 | 43 | 78123 | 62.192 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 262138 | 58.527 | ug/l | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 80635 | 55.018 | ug/l | 99 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 77229 | 53.552 | ug/l | 98 |
| 22) Diisopropyl ether | 3.745 | 45 | 280059 | 64.418 | ug/l | 96 |
| 23) Vinyl Acetate | 3.709 | 43 | 987789 | 284.432 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.599 | 63 | 148111 | 56.341 | ug/l | 98 |
| 25) 2-Butanone | 4.532 | 43 | 169634 | 222.811 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.458 | 77 | 128101 | 53.987 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.471 | 96 | 93213 | 55.383 | ug/l | 97 |
| 28) Bromochloromethane | 4.879 | 49 | 62840 | 57.651 | ug/l | 98 |
| 29) Tetrahydrofuran | 4.977 | 42 | 129863 | 284.809 | ug/l | 99 |
| 30) Chloroform | 5.074 | 83 | 157726 | 56.158 | ug/l | 97 |
| 31) Cyclohexane | 5.452 | 56 | 121074 | 55.630 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 135402 | 52.310 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.678 | 75 | 102532 | 50.154 | ug/l | 98 |
| 37) Ethyl Acetate | 4.684 | 43 | 92982 | 54.873 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.659 | 117 | 115868 | 45.939 | ug/l | 99 |
| 39) Methylcyclohexane | 7.360 | 83 | 122210 | 50.618 | ug/l | 95 |
| 40) Benzene | 6.019 | 78 | 311870 | 52.544 | ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.897 | 41 | 50795 | 57.081 ug/l | | 96 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 124623 | 56.900 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.318 | 43 | 163763 | 58.836 ug/l | | 99 |
| 44) Trichloroethene | 7.104 | 130 | 78753 | 50.249 ug/l | | 97 |
| 45) 1,2-Dichloropropane | 7.409 | 63 | 79649 | 56.442 ug/l | | 100 |
| 46) Dibromomethane | 7.562 | 93 | 59016 | 53.679 ug/l | | 98 |
| 47) Bromodichloromethane | 7.805 | 83 | 125556 | 52.892 ug/l | | 98 |
| 48) Methyl methacrylate | 7.671 | 41 | 83235 | 59.262 ug/l | | 98 |
| 49) 1,4-Dioxane | 7.641 | 88 | 18307 | 986.597 ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 456649 | 284.549 ug/l | | 100 |
| 52) Toluene | 8.702 | 92 | 193684 | 51.366 ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 8.958 | 75 | 117418 | 51.329 ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 120526 | 48.835 ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 75795 | 54.053 ug/l | | 99 |
| 56) Ethyl methacrylate | 9.098 | 69 | 112858 | 55.026 ug/l | | 95 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 129442 | 54.042 ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 330441 | 299.294 ug/l | | 99 |
| 59) 2-Hexanone | 9.415 | 43 | 287437 | 256.864 ug/l | | 100 |
| 60) Dibromochloromethane | 9.500 | 129 | 91979 | 48.803 ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 78094 | 52.241 ug/l | | 98 |
| 64) Tetrachloroethene | 9.256 | 164 | 69934 | 49.893 ug/l | | 99 |
| 65) Chlorobenzene | 10.061 | 112 | 214381 | 50.756 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 77036 | 49.657 ug/l | | 100 |
| 67) Ethyl Benzene | 10.177 | 91 | 368764 | 51.279 ug/l | | 98 |
| 68) m/p-Xylenes | 10.281 | 106 | 279654 | 104.665 ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 135450 | 52.509 ug/l | | 100 |
| 70) Styrene | 10.634 | 104 | 236042 | 53.739 ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 58125 | 46.878 ug/l | # | 97 |
| 73) Isopropylbenzene | 10.945 | 105 | 349236 | 51.150 ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 146738 | 60.589 ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 95793 | 51.376 ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 77740m | 51.283 ug/l | | |
| 77) Bromobenzene | 11.177 | 156 | 88538 | 51.716 ug/l | | 99 |
| 78) n-propylbenzene | 11.287 | 91 | 420413 | 53.181 ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 249581 | 52.073 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 289432 | 51.224 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 22416 | 35.976 ug/l | # | 66 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 298685 | 52.497 ug/l | | 99 |
| 83) tert-Butylbenzene | 11.695 | 119 | 290306 | 50.006 ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 291688 | 51.728 ug/l | | 100 |
| 85) sec-Butylbenzene | 11.872 | 105 | 355586 | 50.910 ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 300777 | 49.821 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 161594 | 50.069 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 164145 | 49.095 ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 279165 | 50.804 ug/l | | 100 |
| 90) Hexachloroethane | 12.518 | 117 | 52745 | 44.242 ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 152380 | 50.288 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 19444 | 51.374 ug/l | | 91 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 101730 | 49.644 ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 37168 | 48.406 ug/l | | 98 |
| 95) Naphthalene | 13.756 | 128 | 277956 | 51.198 ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.938 | 180 | 92908 | 49.409 ug/l | | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

| 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\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

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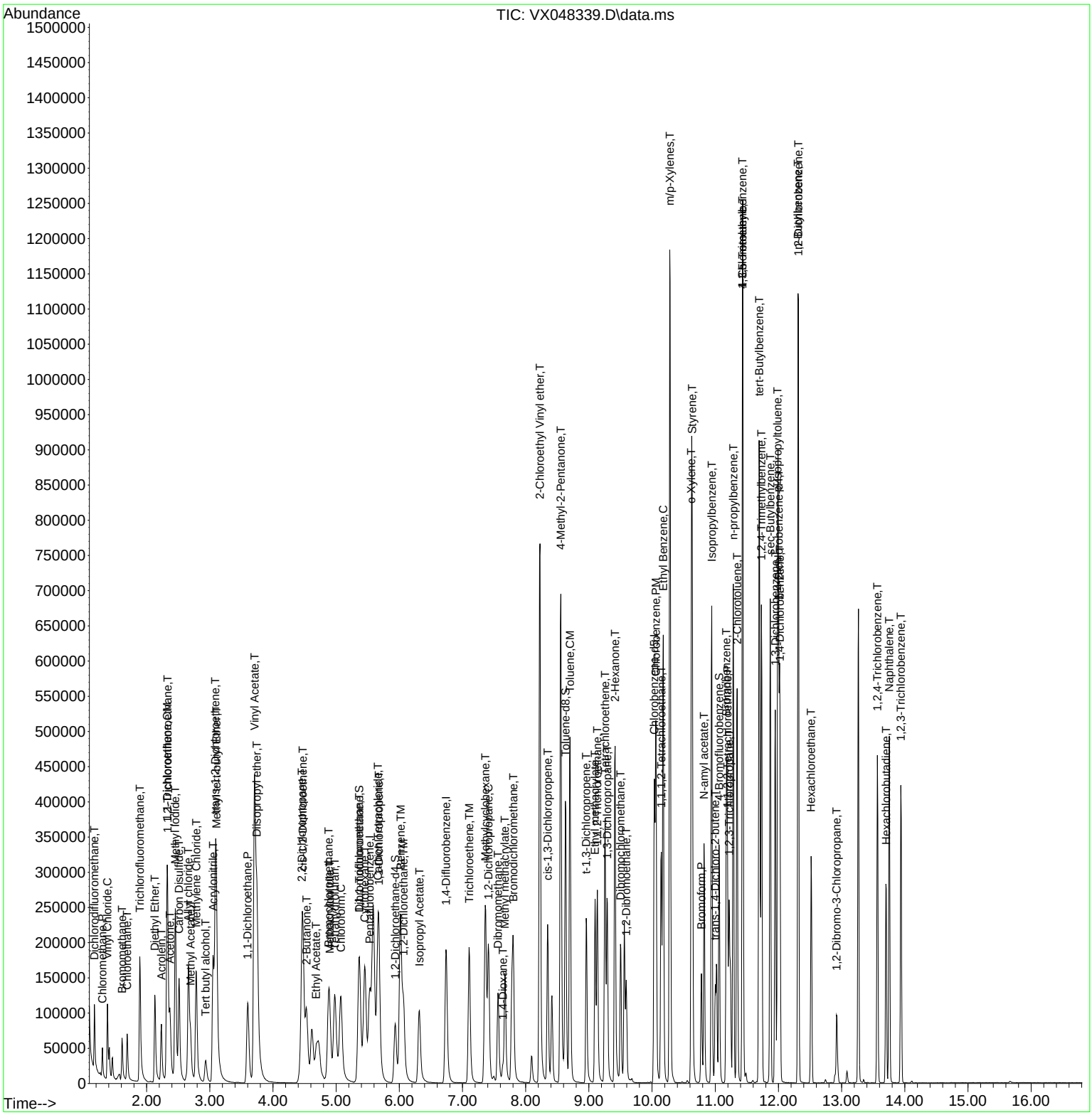
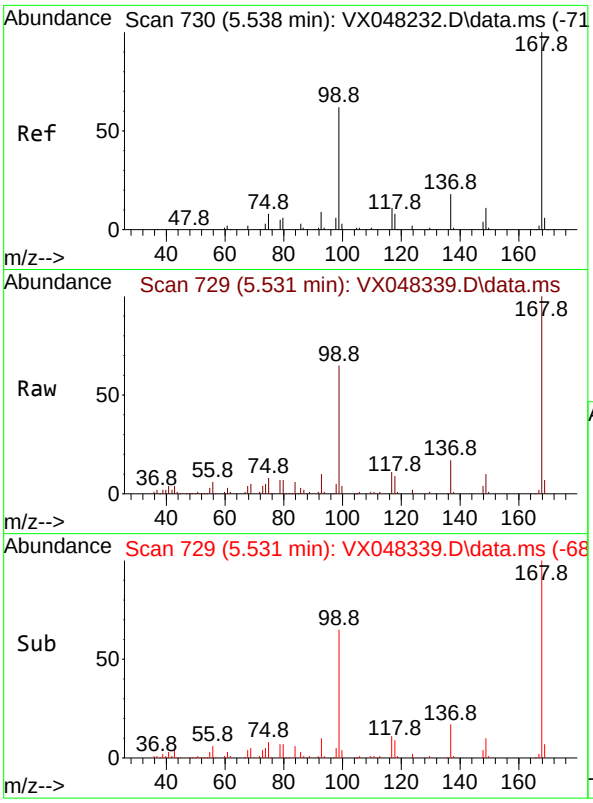
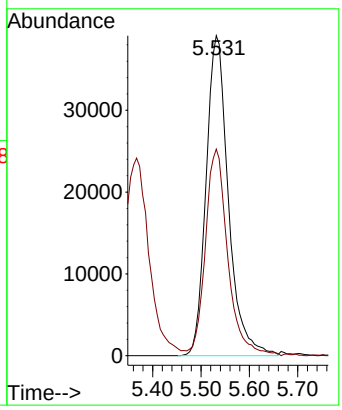





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:168 Resp: 12505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.9 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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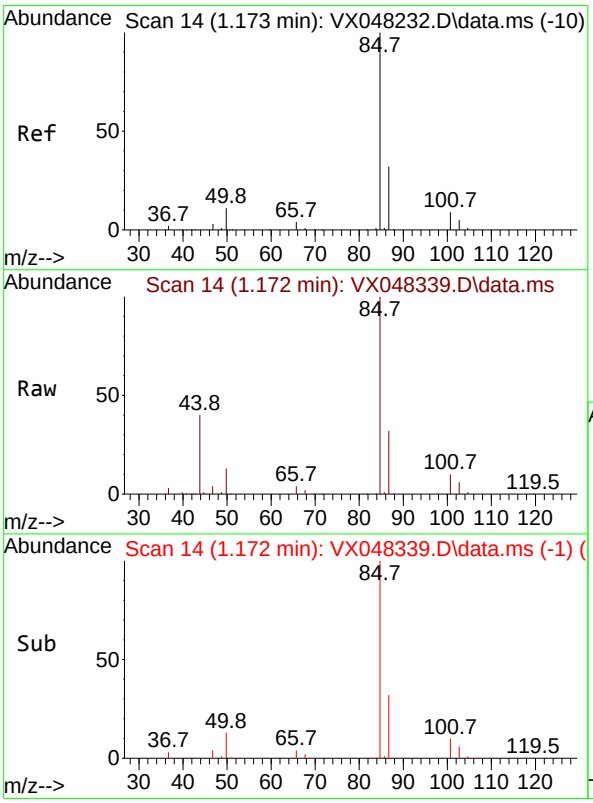
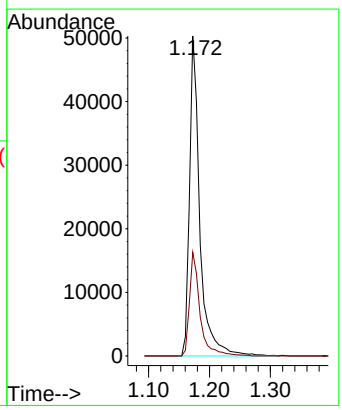
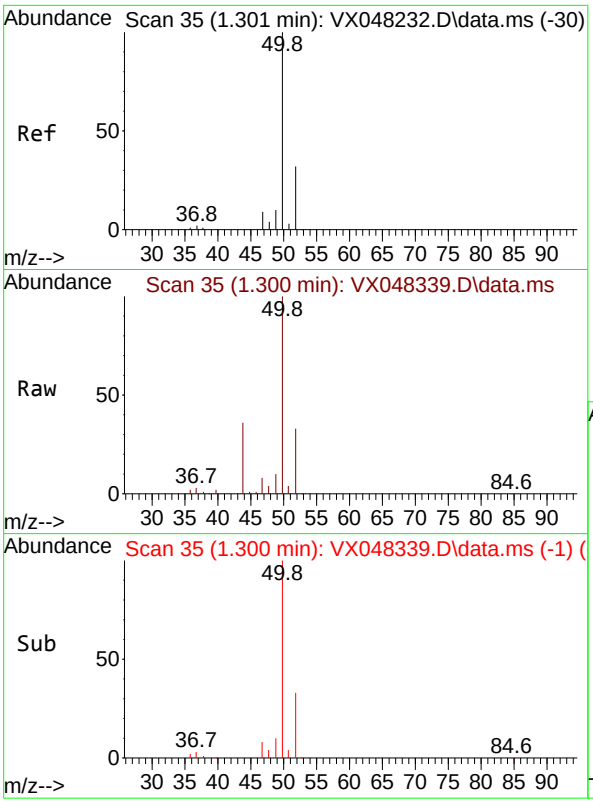



#2
Dichlorodifluoromethane
Concen: 45.970 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 85 Resp: 59098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.8 | 15.3 | 45.9 |

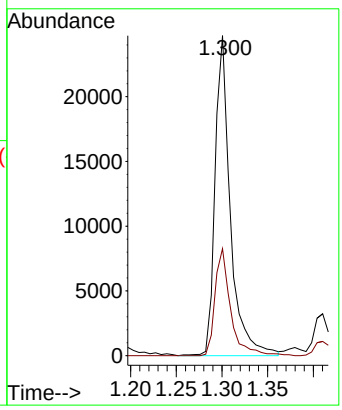





#3
Chloromethane
Concen: 23.900 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 50 Resp: 2867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.4 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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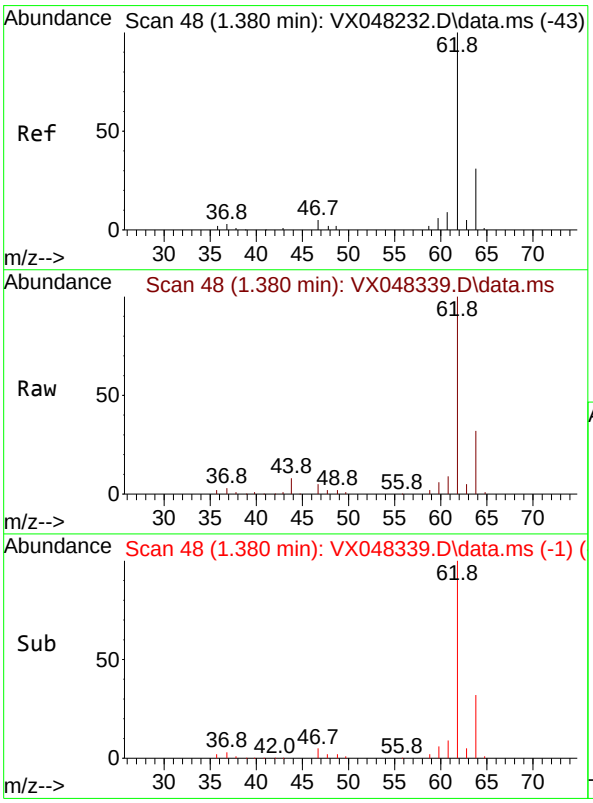
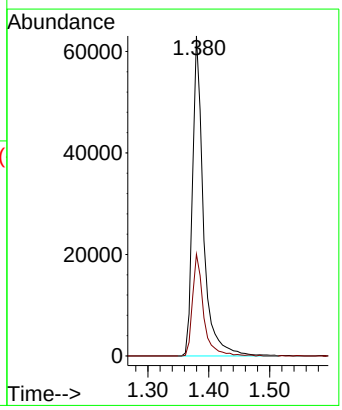
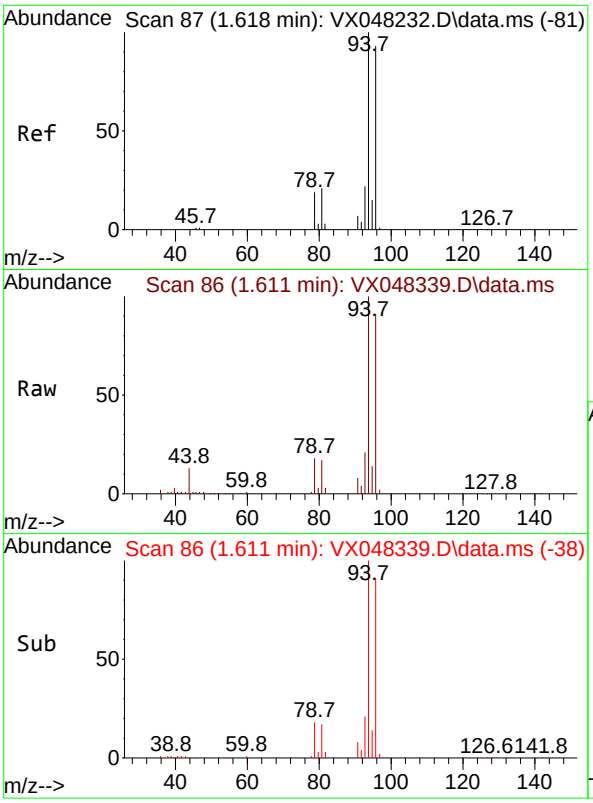



#4
Vinyl Chloride
Concen: 70.590 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 78438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.8 | 25.1 | 37.7 |

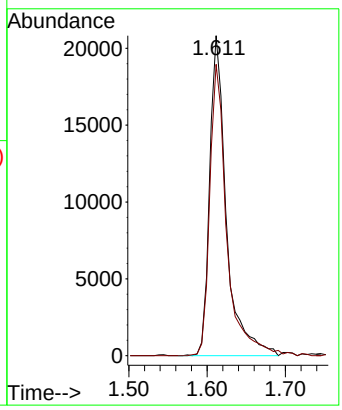





#5
Bromomethane
Concen: 40.909 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 94 Resp: 3084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.0 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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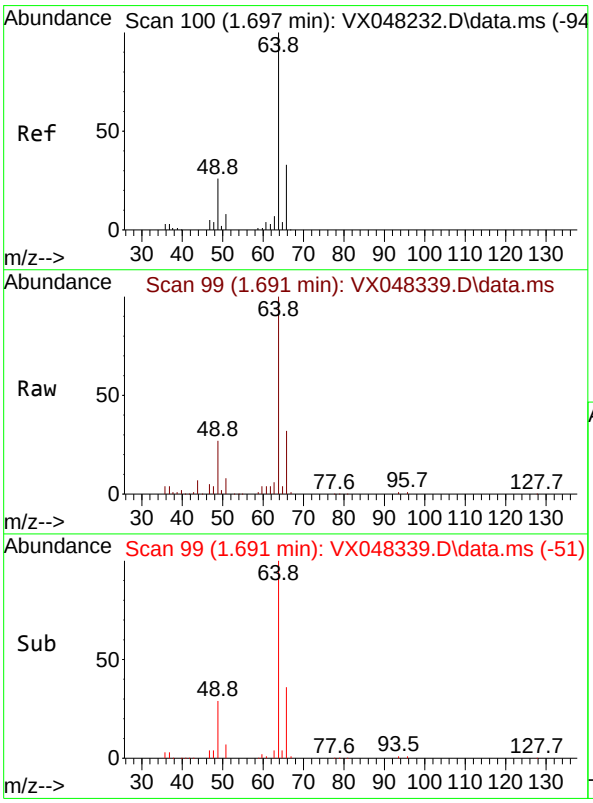
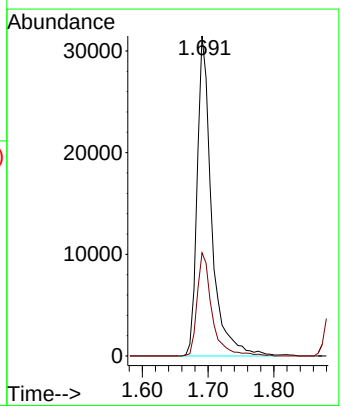
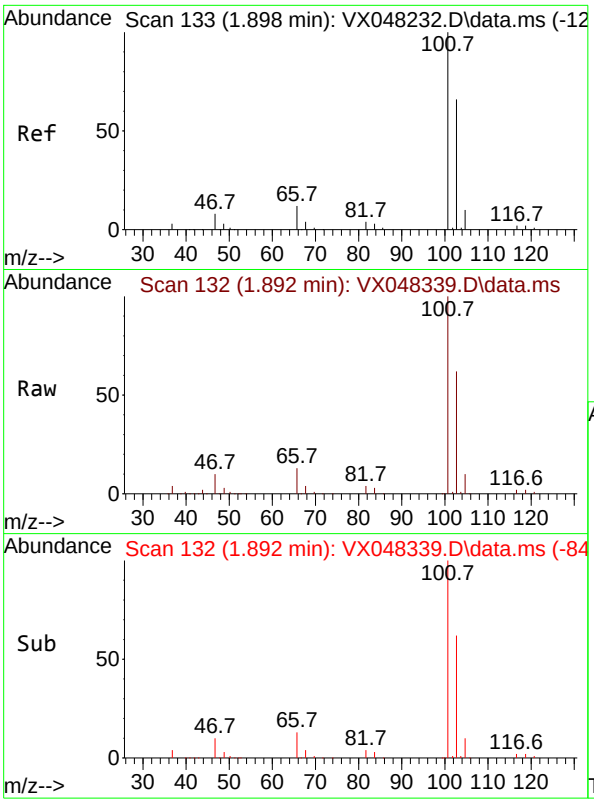



#6
Chloroethane
Concen: 73.704 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 64 Resp: 48125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.3 | 23.9 | 35.9 |






#7
Trichlorofluoromethane
Concen: 63.576 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:101 Resp: 13548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.5 | 51.6 | 77.4 |

**Instrument :**
MSVOA_X
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VSTDCCC050

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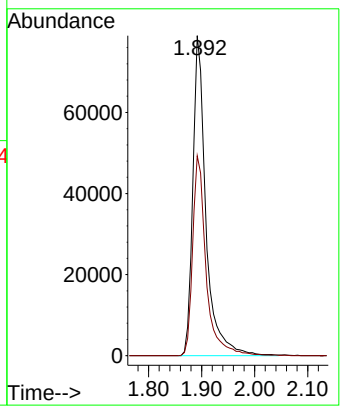
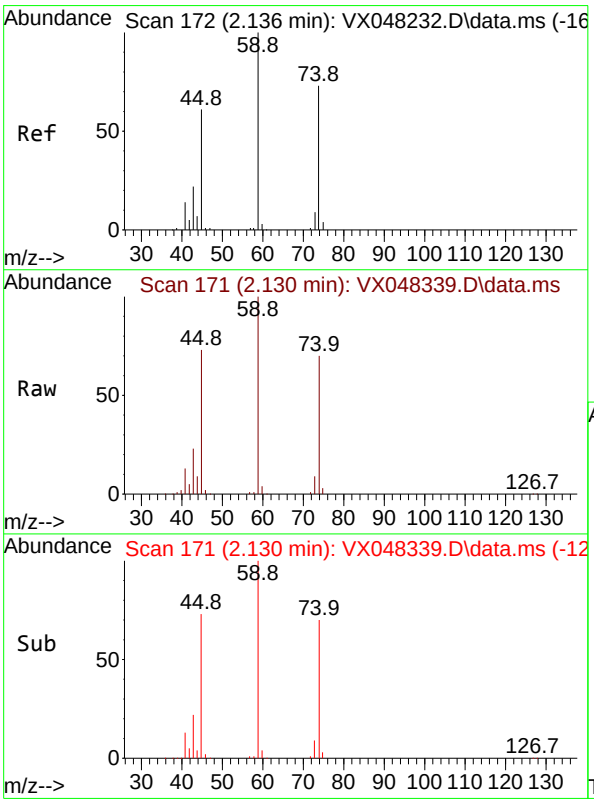
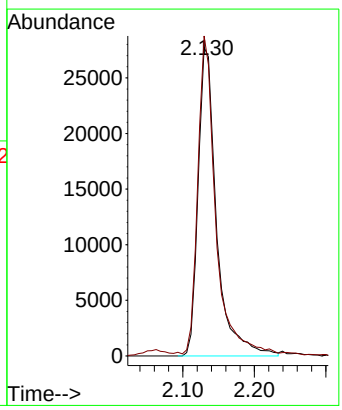


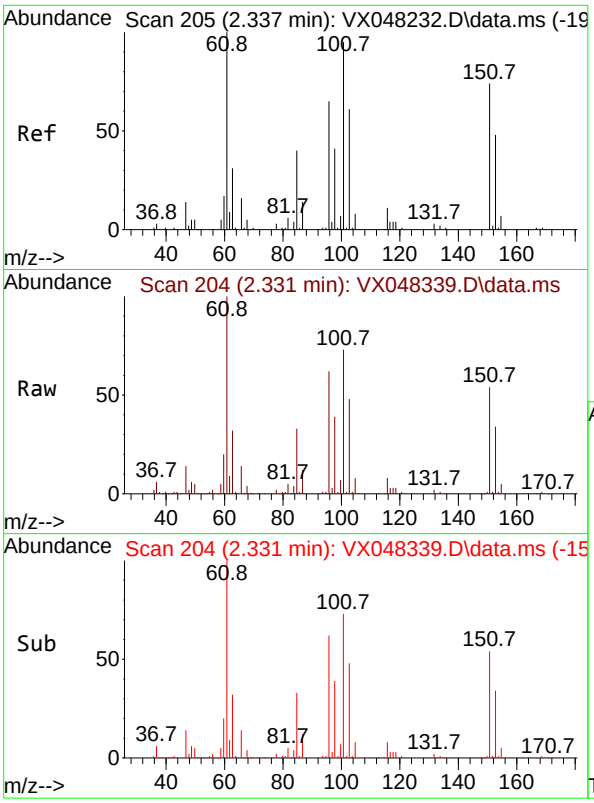




#8
Diethyl Ether
Concen: 82.980 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 74 Resp: 49757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 99.3 | 50.0 | 149.8 |

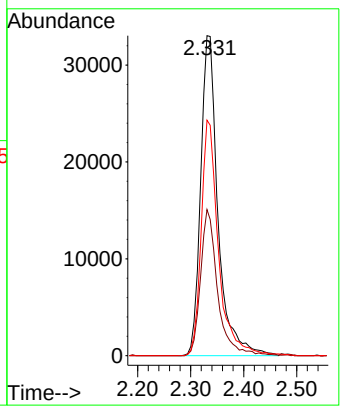





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.546 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:101 Resp: 7495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.1 | 35.6 | 53.4 |
| 151 | 73.7 | 58.0 | 87.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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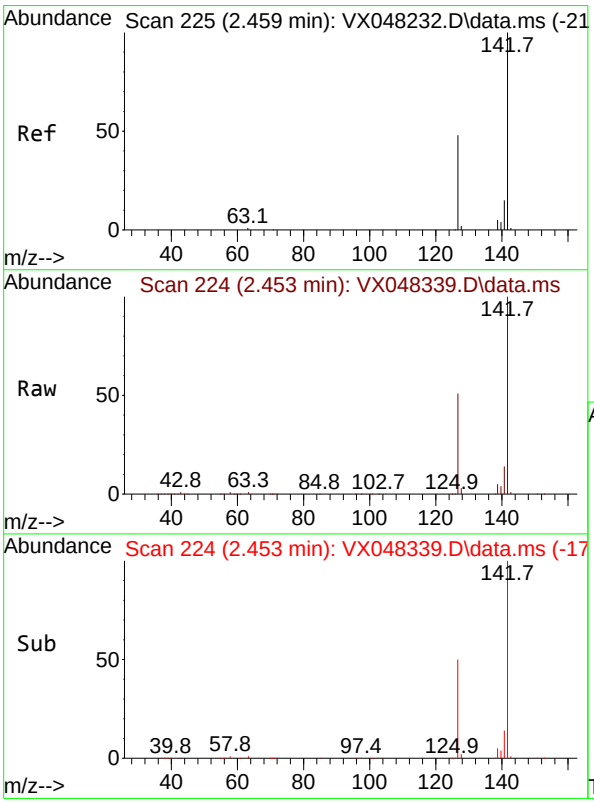
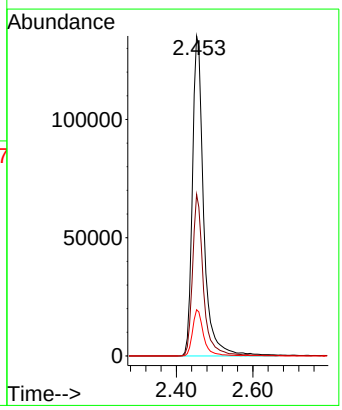
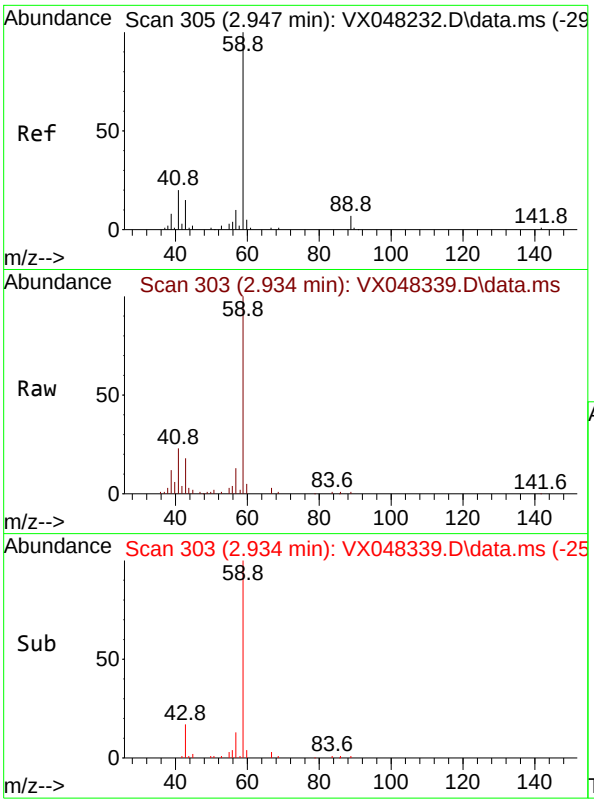



#10
Methyl Iodide
Concen: 164.198 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:142 Resp: 278558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.6 | 38.5 | 57.7 |
| 141 | 14.1 | 11.6 | 17.4 |

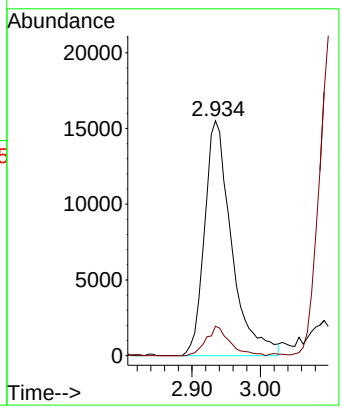





#11
Tert butyl alcohol
Concen: 244.130 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 59 Resp: 4249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.9 | 8.2 | 12.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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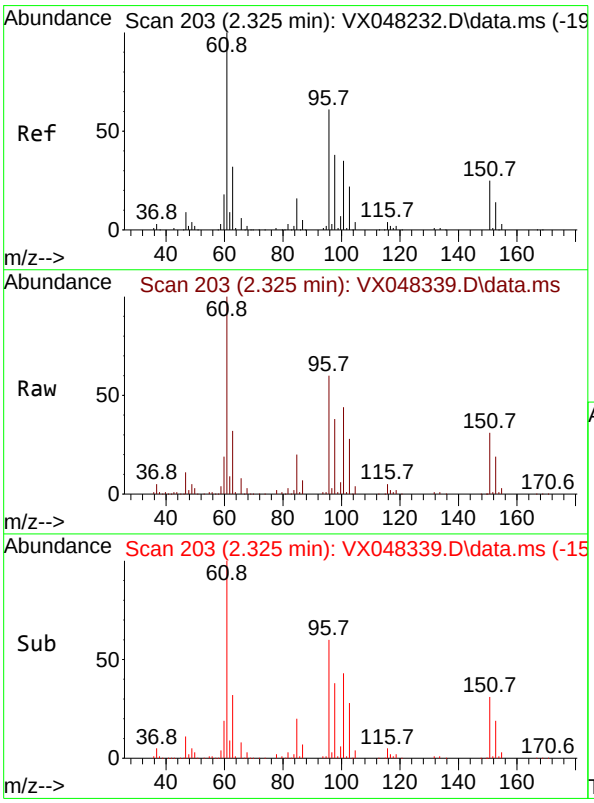
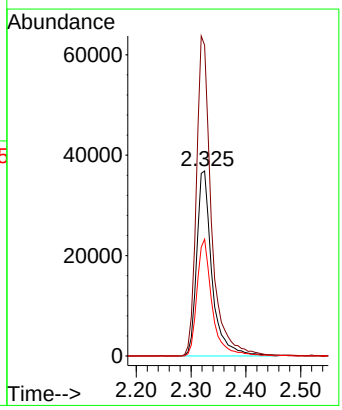
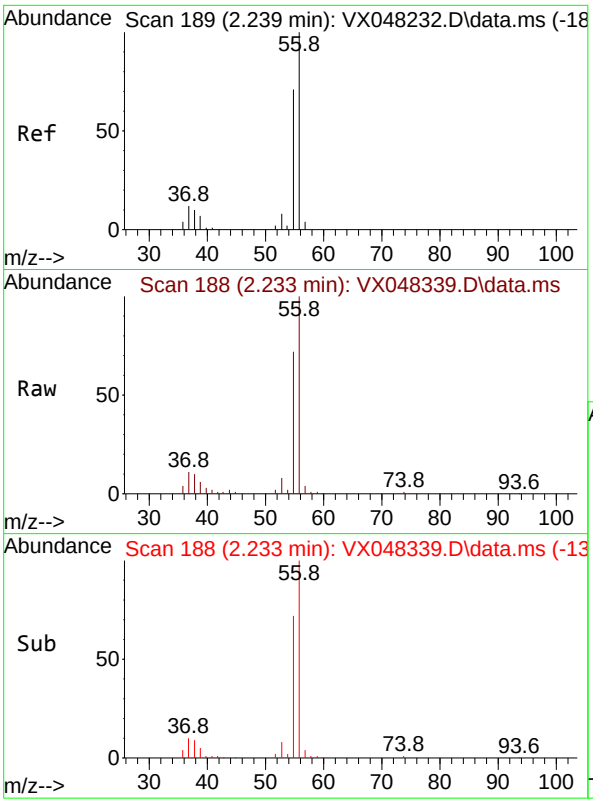



#12
1,1-Dichloroethene
Concen: 54.527 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 96 Resp: 71588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 168.0 | 139.0 | 208.6 |
| 98 | 63.1 | 52.4 | 78.6 |

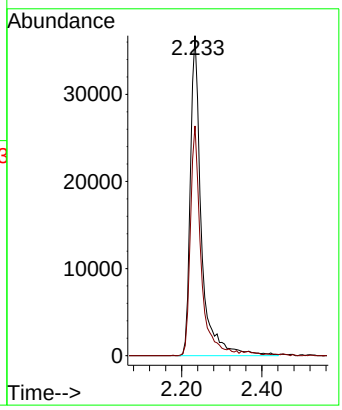





#13
Acrolein
Concen: 394.484 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 56 Resp: 7003

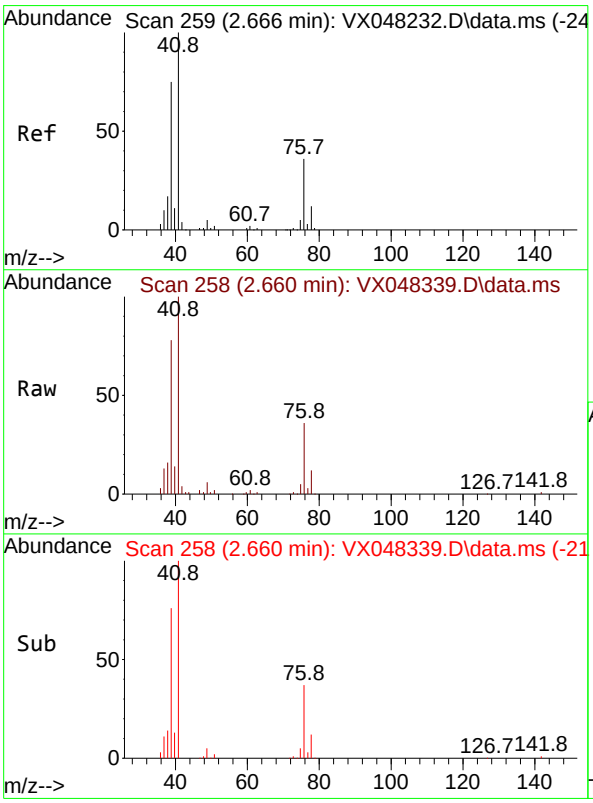
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.5 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

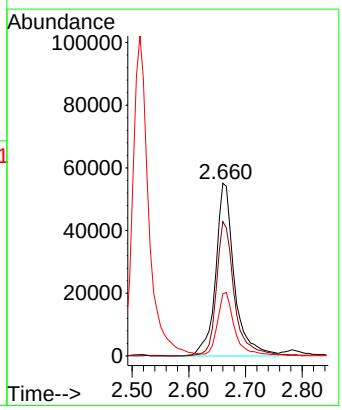
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

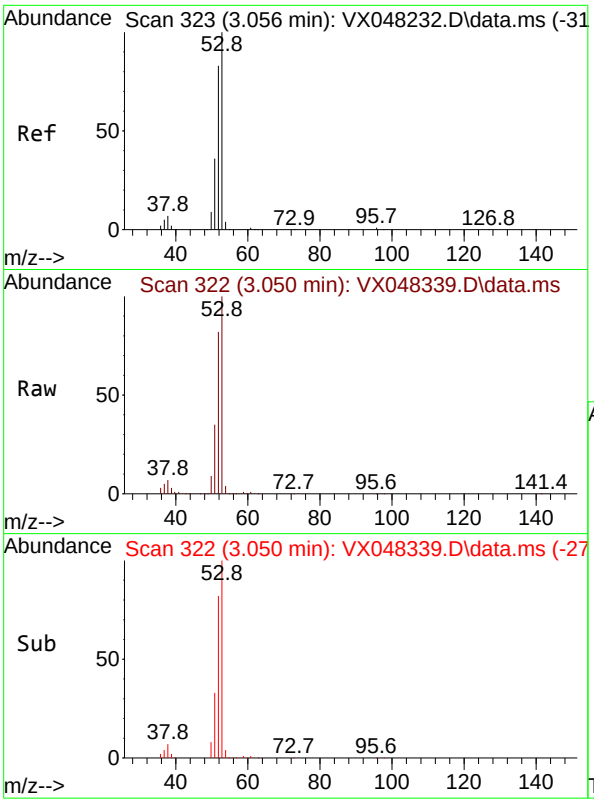



#14
Allyl chloride
Concen: 58.086 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 41 Resp: 126613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 74.8 | 56.0 | 84.0 |
| 76 | 34.1 | 27.5 | 41.3 |

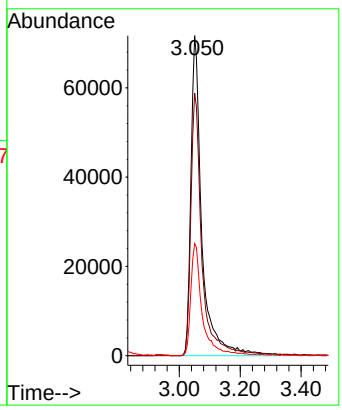





#15
Acrylonitrile
Concen: 287.081 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 53 Resp: 18020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.7 | 66.1 | 99.1 |
| 51 | 36.9 | 29.0 | 43.4 |

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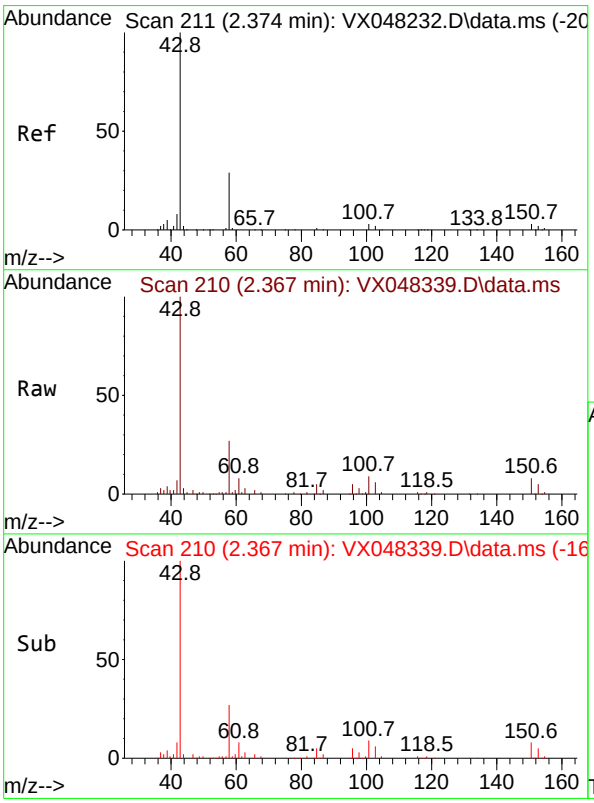
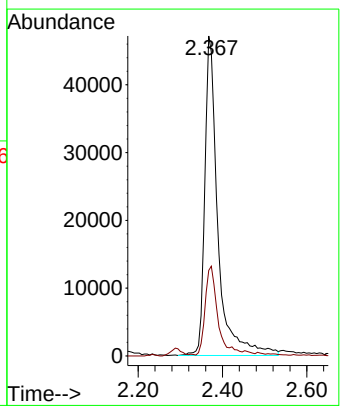
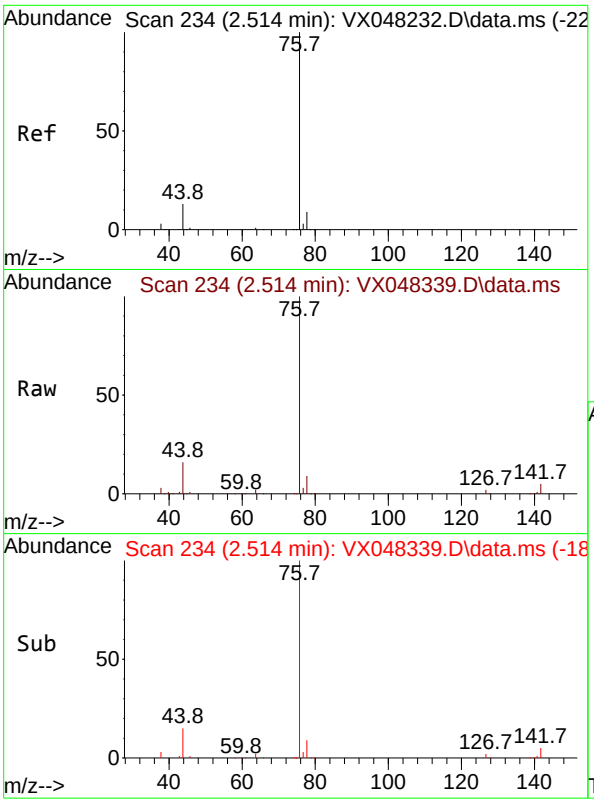



#16
Acetone
Concen: 169.814 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 102142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.3 | 23.4 | 35.2 |

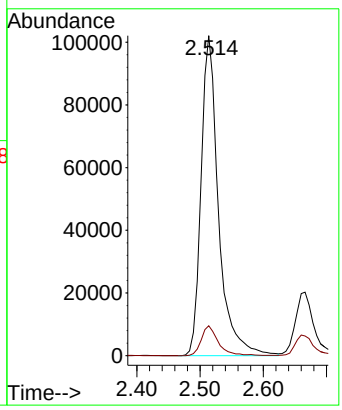





#17
Carbon Disulfide
Concen: 47.388 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 76 Resp: 19607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.4 | 7.1 | 10.7 |

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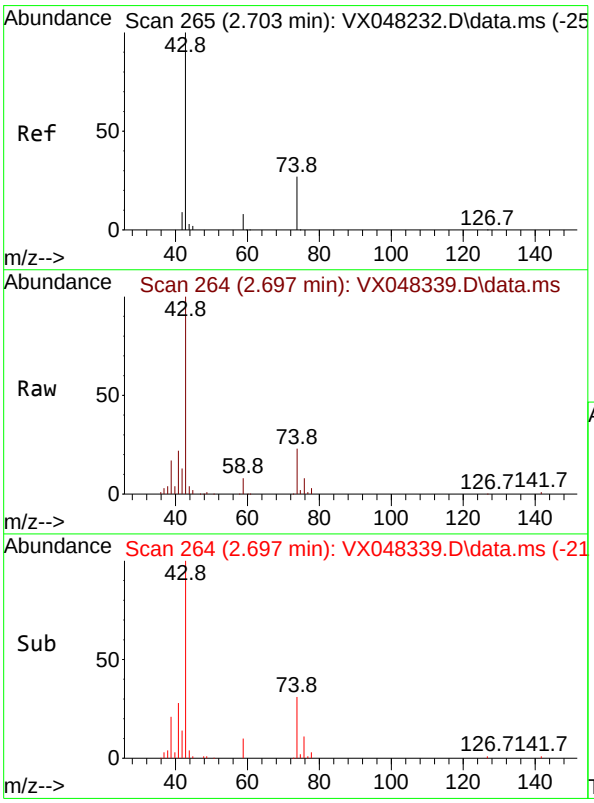
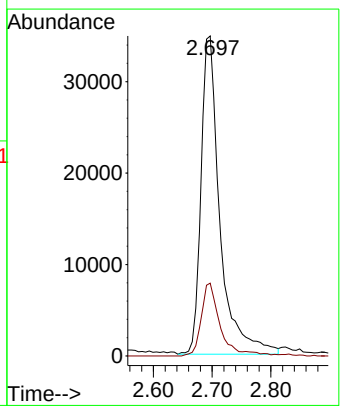
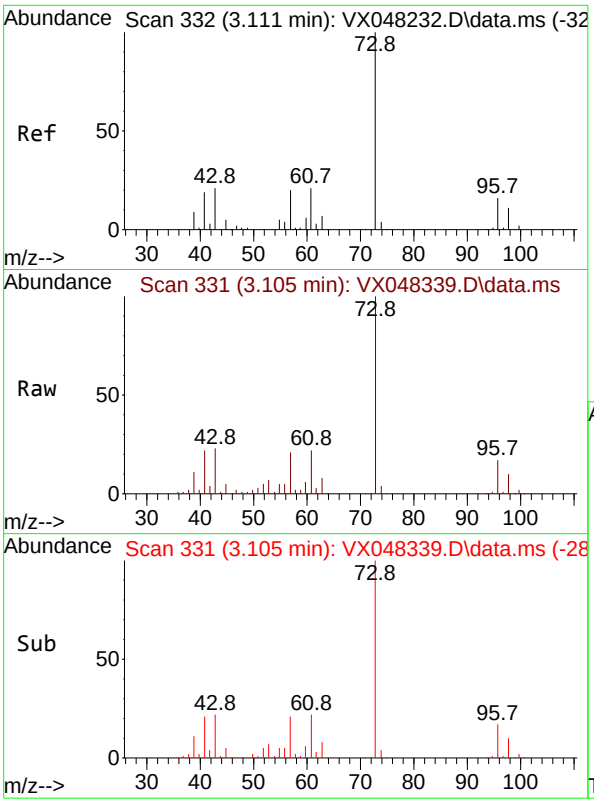



#18
Methyl Acetate
Concen: 62.192 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 78123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.9 | 17.5 | 26.3 |

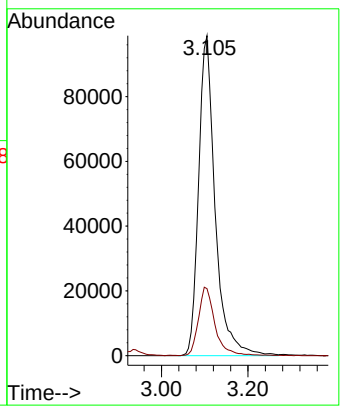





#19
Methyl tert-butyl Ether
Concen: 58.527 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 73 Resp: 26213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.9 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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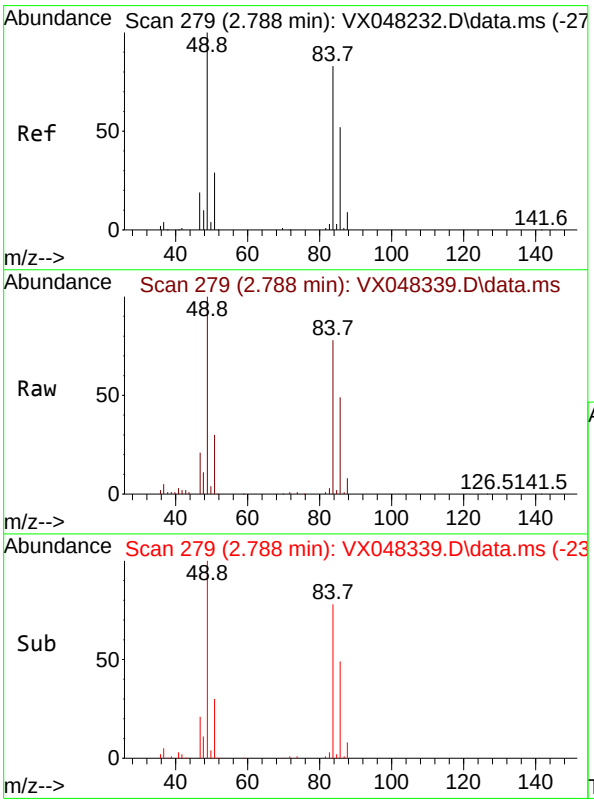
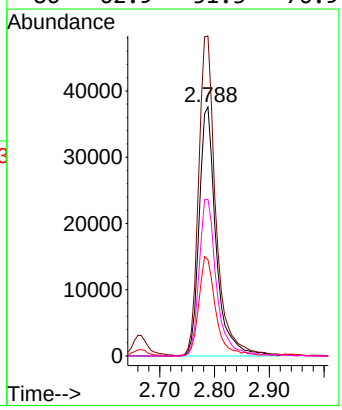
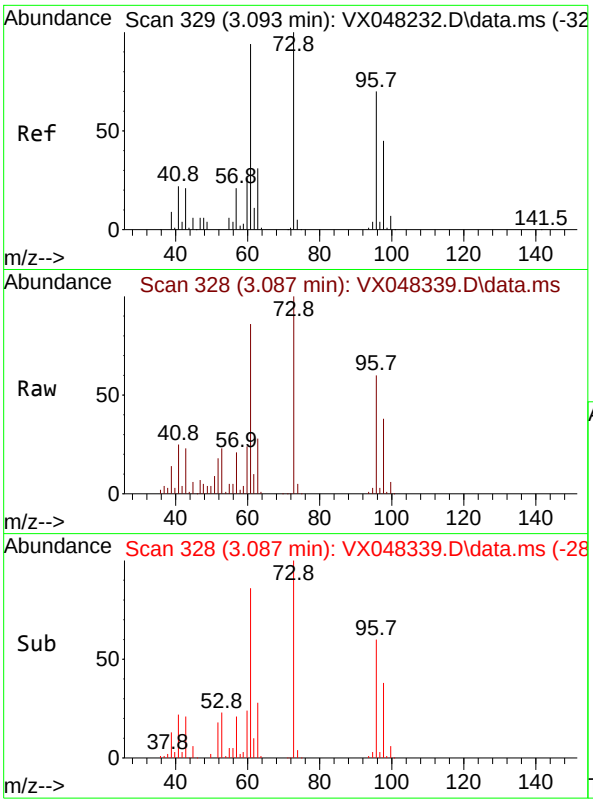



#20
Methylene Chloride
Concen: 55.018 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 84 Resp: 80635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 128.4 | 104.1 | 156.1 |
| 51 | 38.7 | 31.3 | 46.9 |
| 86 | 62.9 | 51.3 | 76.9 |

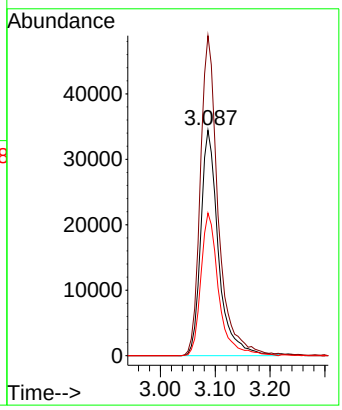





#21
trans-1,2-Dichloroethene
Concen: 53.552 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 96 Resp: 7722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.0 | 111.9 | 167.9 |
| 98 | 64.9 | 51.2 | 76.8 |

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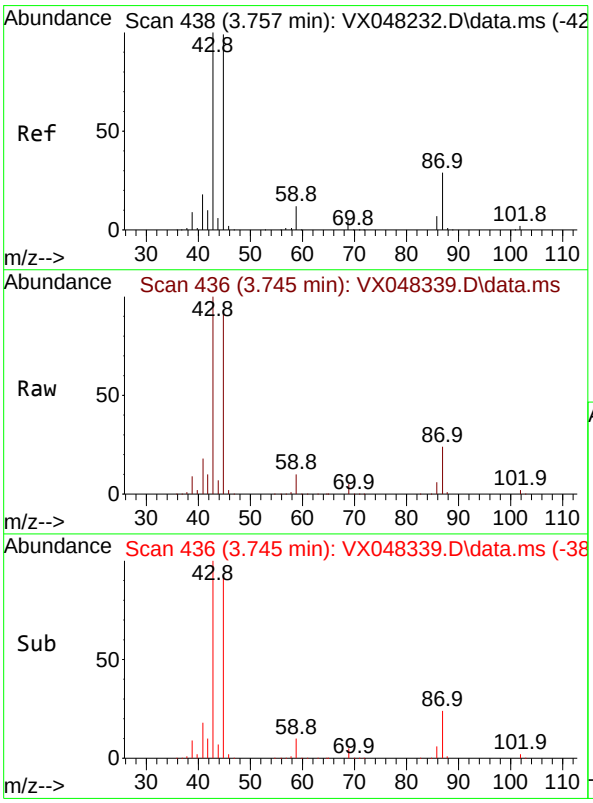
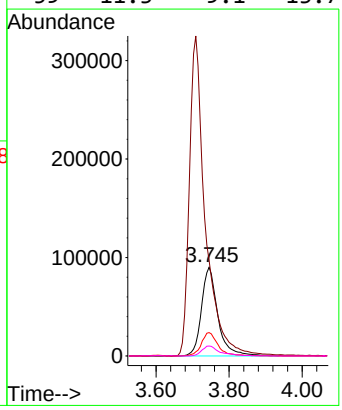
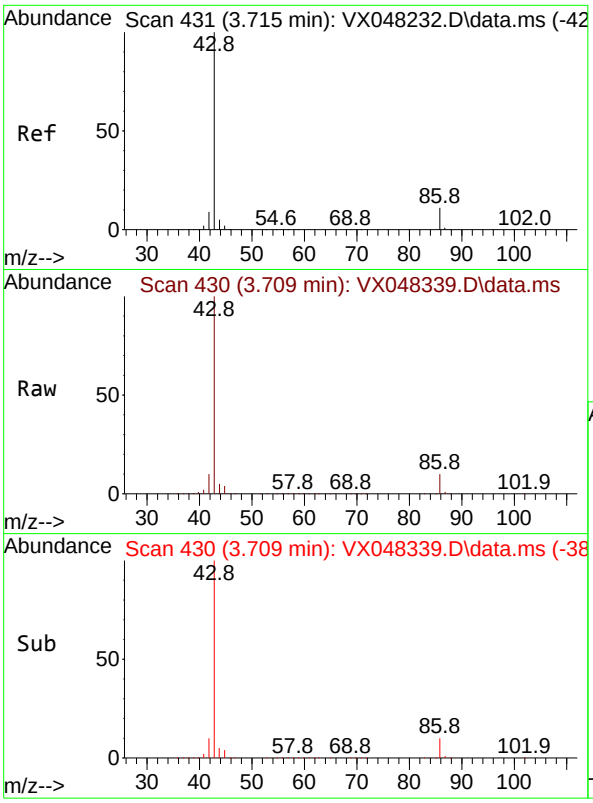



#22
Diisopropyl ether
Concen: 64.418 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 45 Resp: 280059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 107.3 | 89.8 | 134.8 |
| 87 | 26.4 | 20.6 | 31.0 |
| 59 | 11.3 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 284.432 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 98778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.0 | 7.9 | 11.9 |

**Instrument :**
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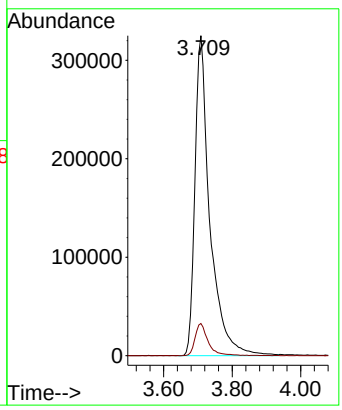
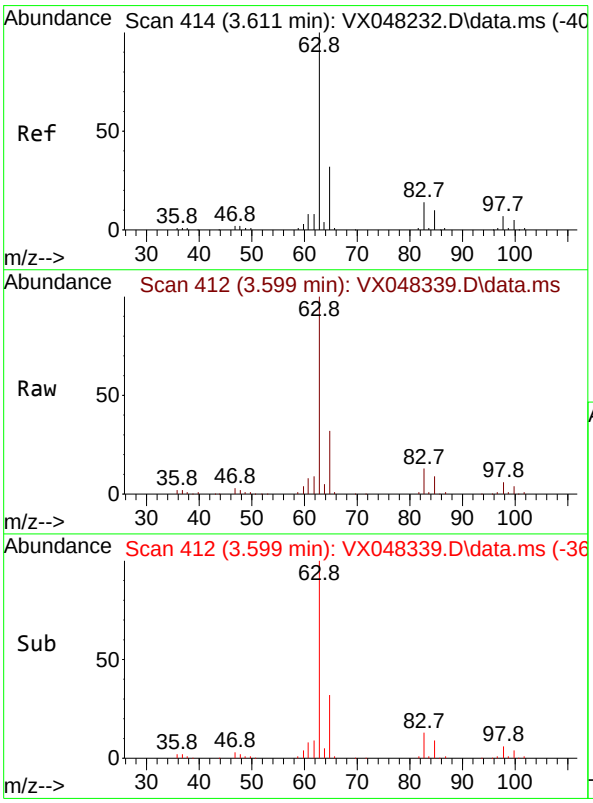
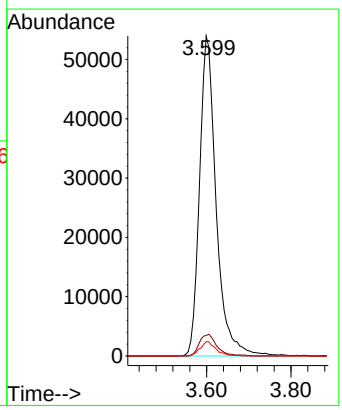


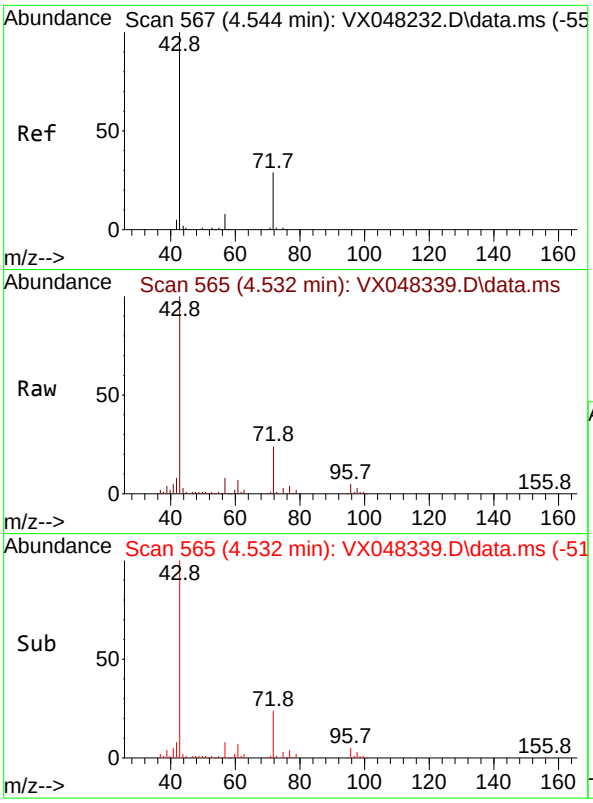




#24
1,1-Dichloroethane
Concen: 56.341 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 63 Resp: 148111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.4 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |

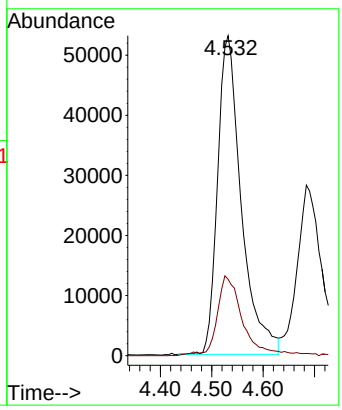





#25
2-Butanone
Concen: 222.811 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 16963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.0 | 19.9 | 29.9 |

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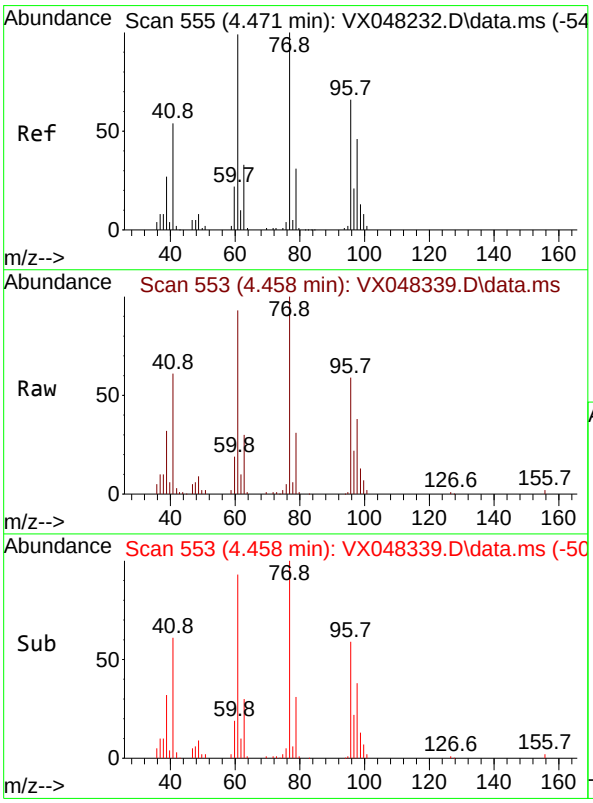
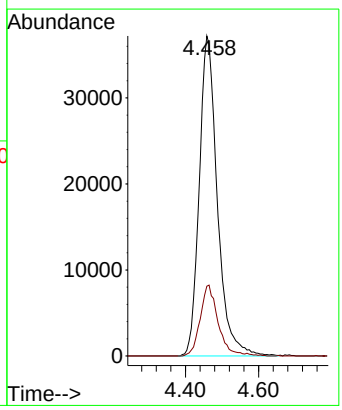
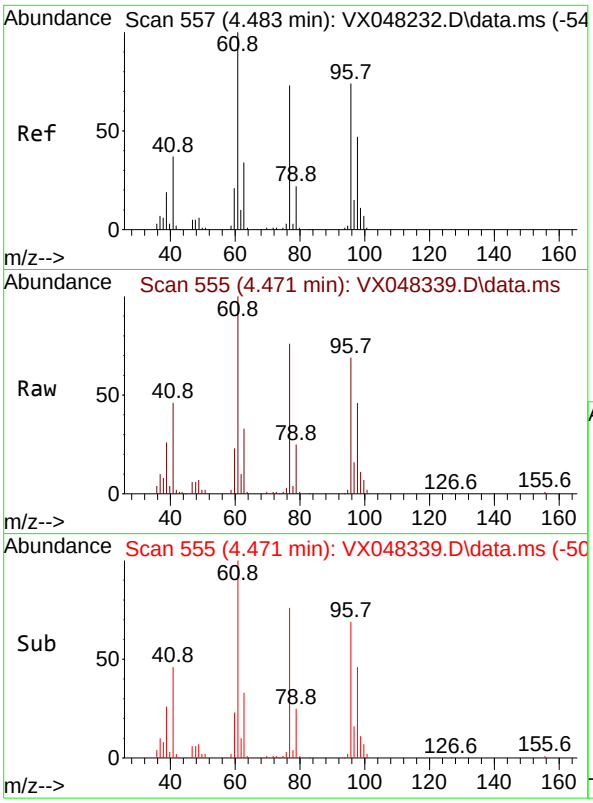



#26
2,2-Dichloropropane
Concen: 53.987 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 77 Resp: 128101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.0 | 11.1 | 33.3 |

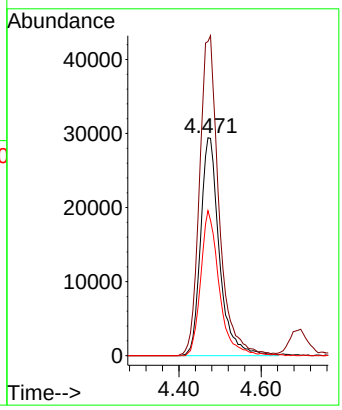





#27
cis-1,2-Dichloroethene
Concen: 55.383 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 96 Resp: 9321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.3 | 0.0 | 294.2 |
| 98 | 64.9 | 0.0 | 128.4 |

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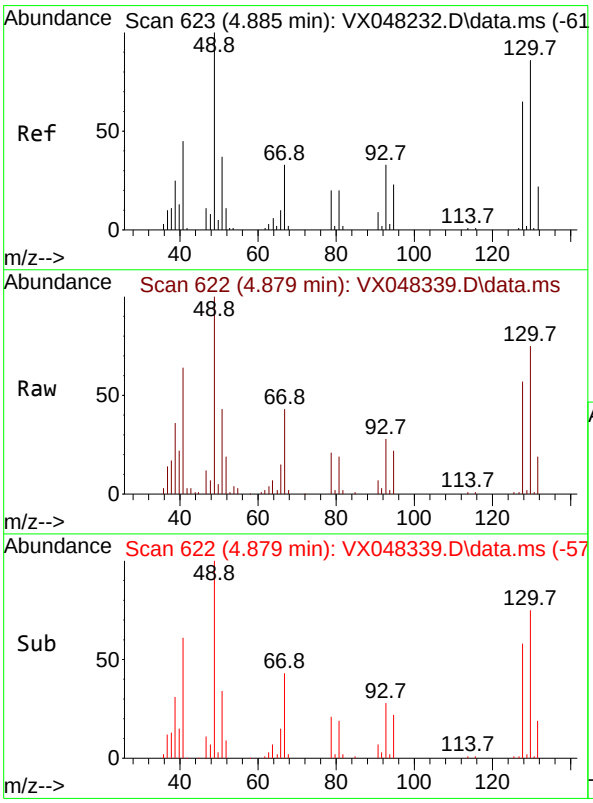
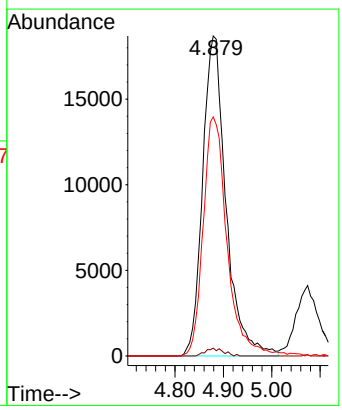
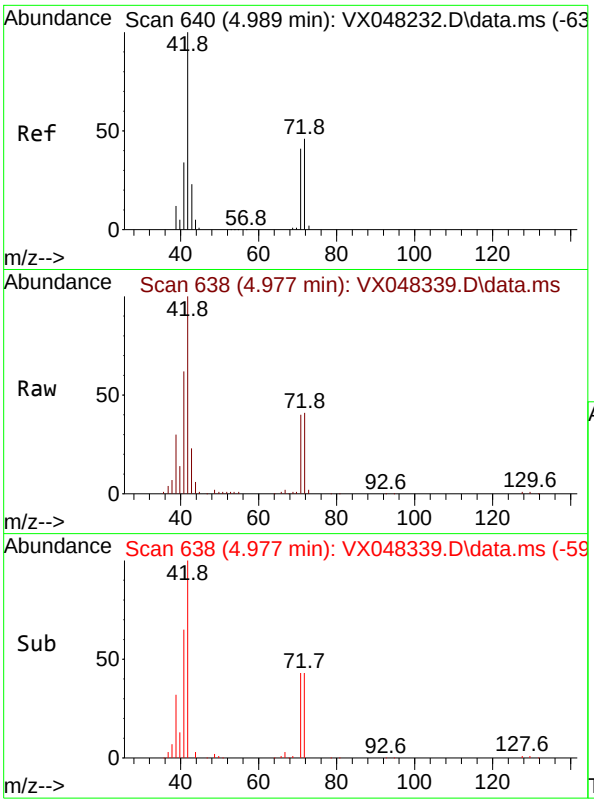



#28
Bromochloromethane
Concen: 57.651 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 49 Resp: 62840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 4.4 |
| 130 | 75.9 | 59.3 | 88.9 |

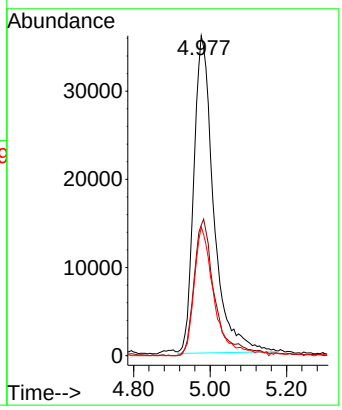





#29
Tetrahydrofuran
Concen: 284.809 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 42 Resp: 12986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.9 | 35.3 | 52.9 |
| 71 | 40.1 | 32.2 | 48.4 |

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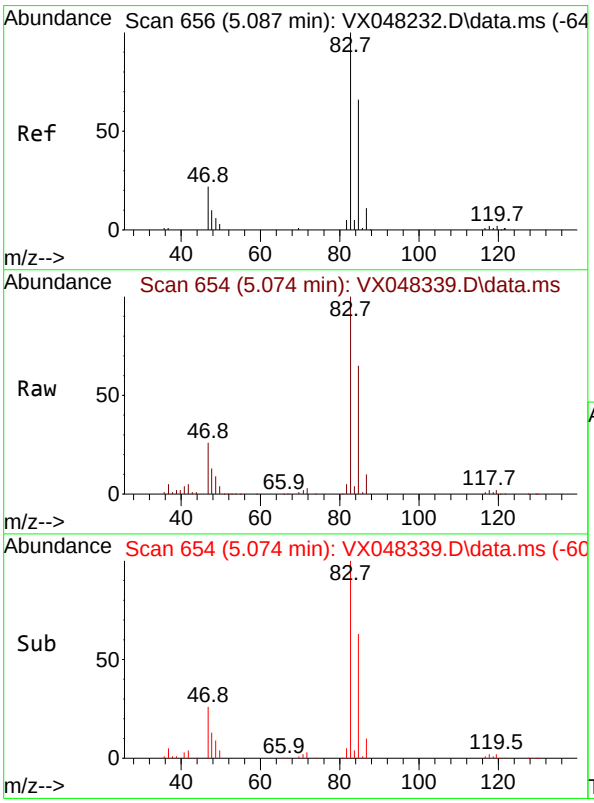
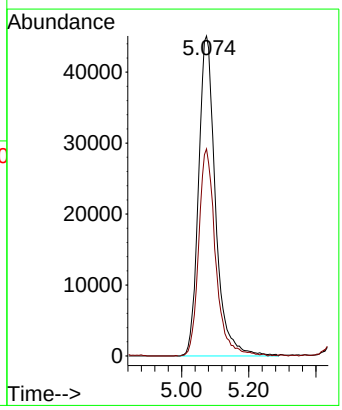
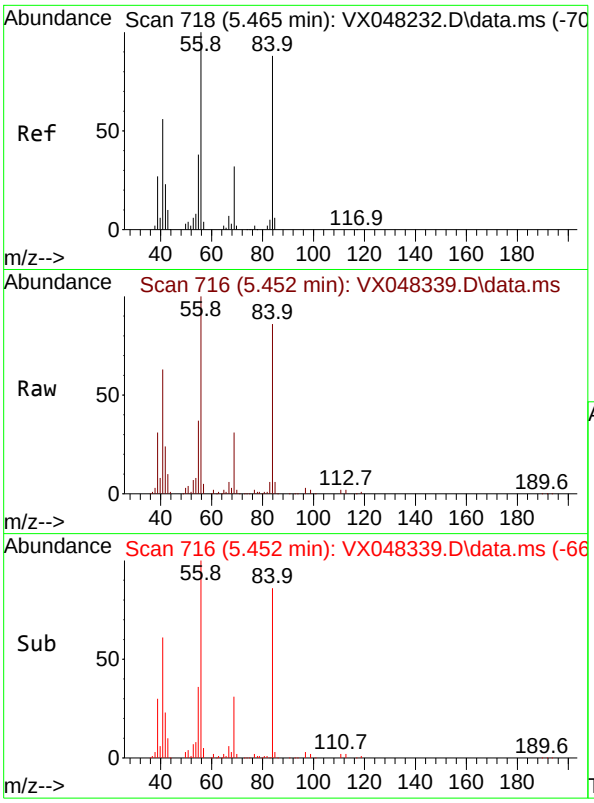



#30
Chloroform
Concen: 56.158 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 83 Resp: 157726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 50.1 | 75.1 |

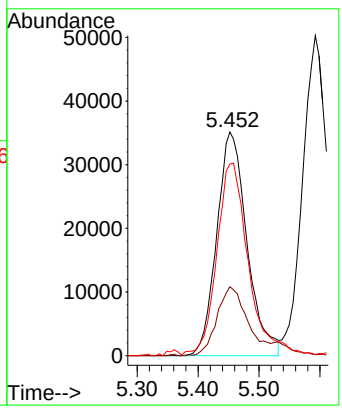





#31
Cyclohexane
Concen: 55.630 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 56 Resp: 12107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.2 | 23.0 | 34.6 |
| 84 | 83.5 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
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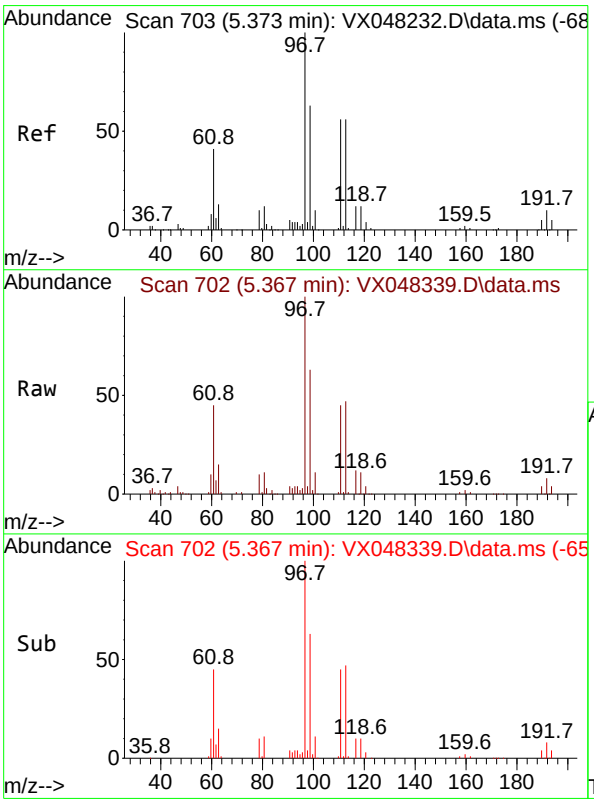
VSTDCCC050

**Manual Integrations**
**APPROVED**

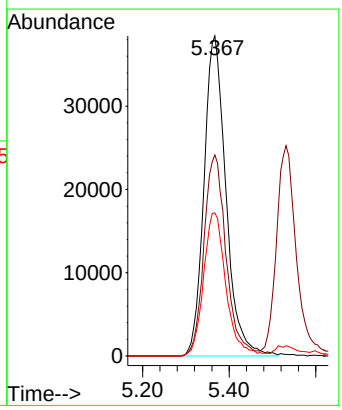
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

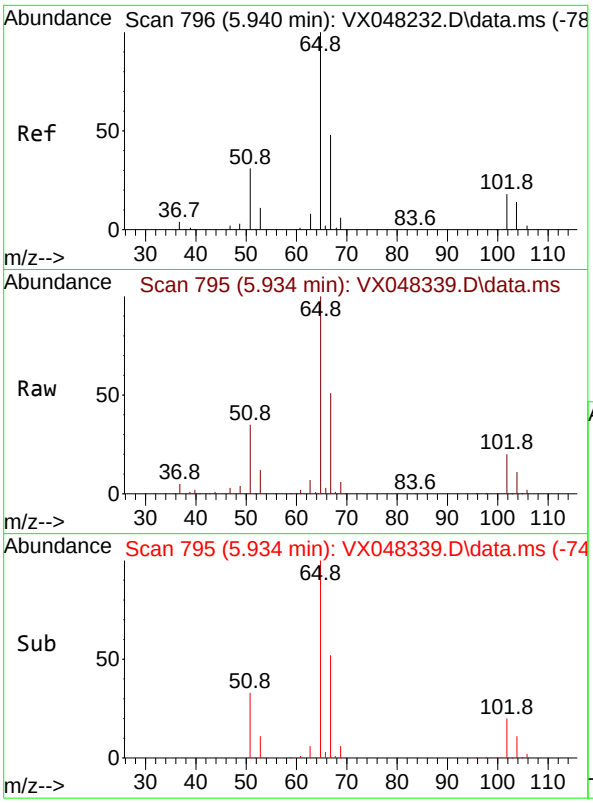



#32
1,1,1-Trichloroethane
Concen: 52.310 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 97 Resp: 135402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.3 | 51.7 | 77.5 |
| 61 | 45.6 | 34.8 | 52.2 |

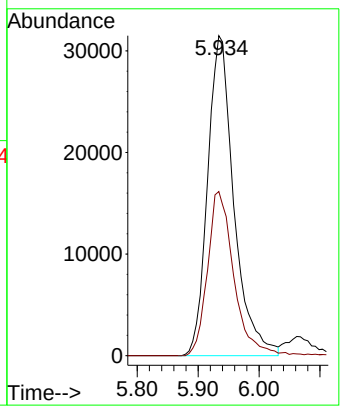





#33
1,2-Dichloroethane-d4
Concen: 53.755 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 65 Resp: 9425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.6 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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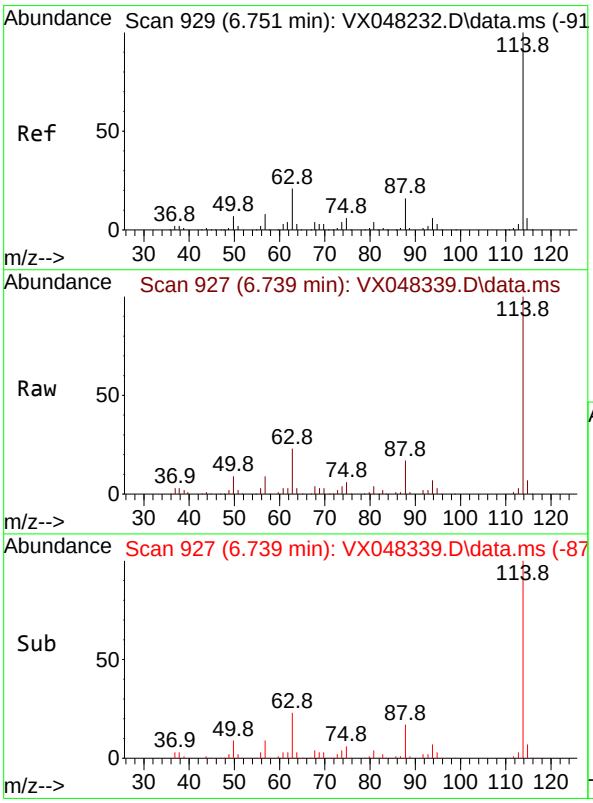
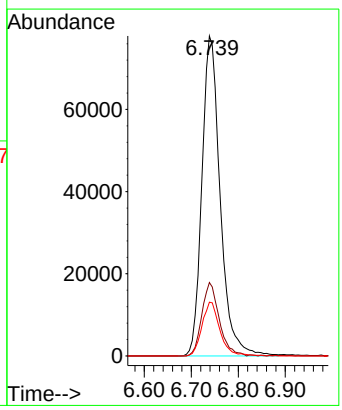
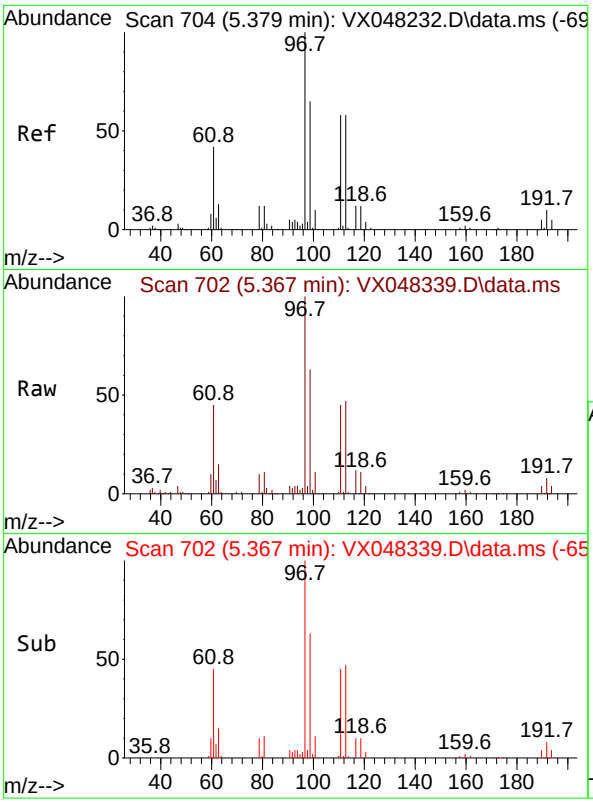



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:114 Resp: 210685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.0 | 0.0 | 43.2 |
| 88 | 16.8 | 0.0 | 33.6 |

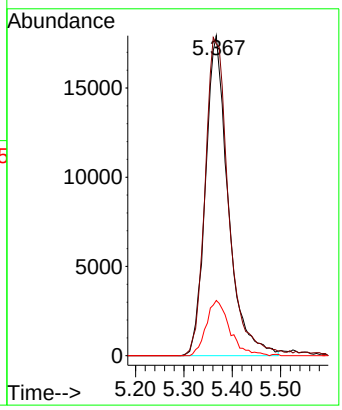





#35
Dibromofluoromethane
Concen: 40.612 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:113 Resp: 5841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.4 | 82.2 | 123.4 |
| 192 | 17.9 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
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VSTDCCC050

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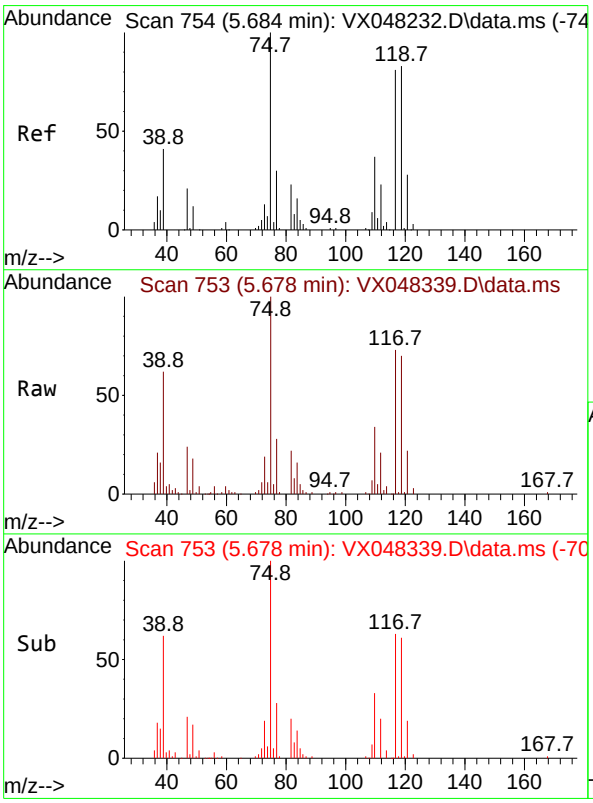
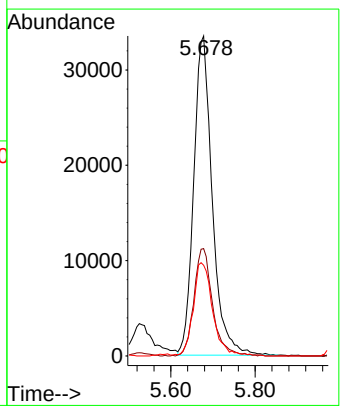
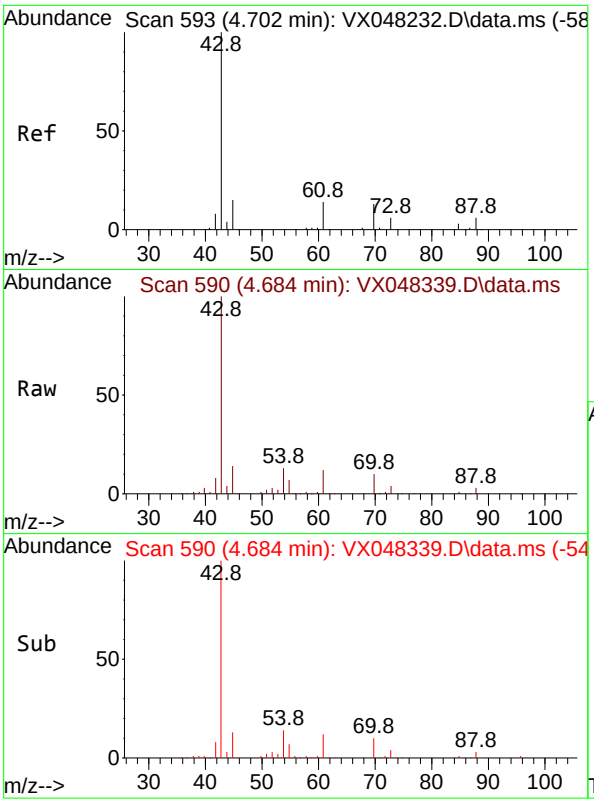



#36
1,1-Dichloropropene
Concen: 50.154 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 102532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.0 | 17.7 | 53.1 |
| 77 | 29.8 | 24.3 | 36.5 |

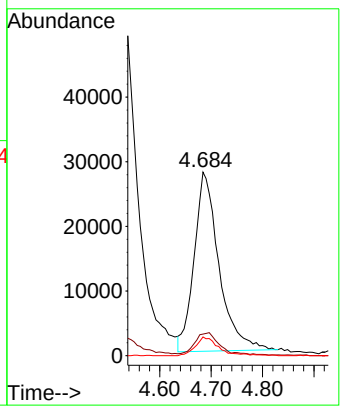





#37
Ethyl Acetate
Concen: 54.873 ug/l
RT: 4.684 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 9298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.5 | 10.6 | 15.8 |
| 70 | 9.7 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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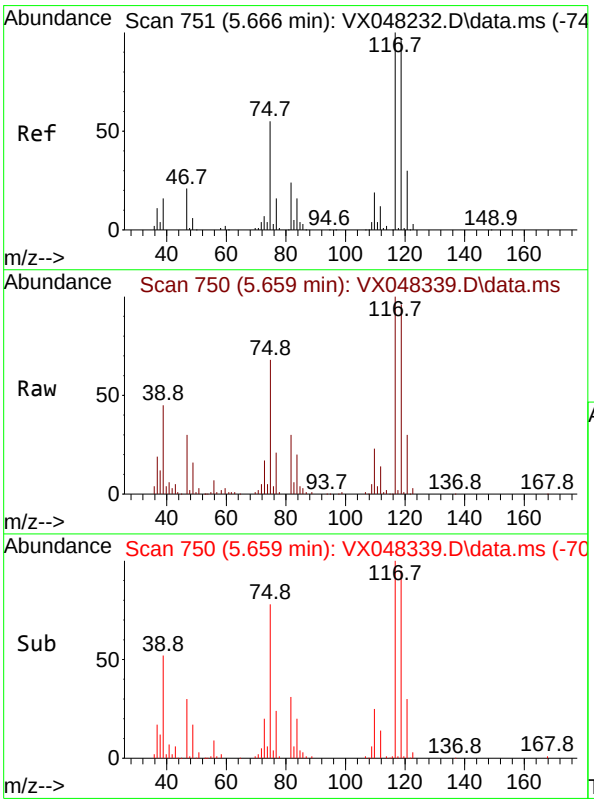
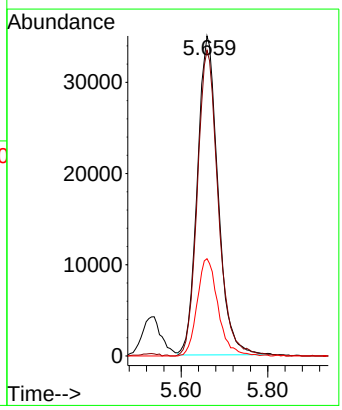
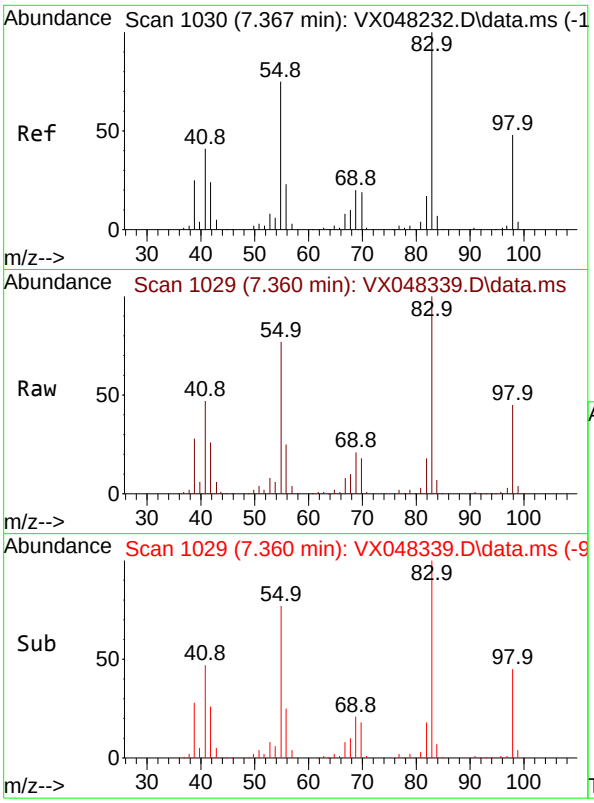



#38
Carbon Tetrachloride
Concen: 45.939 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:117 Resp: 115868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 77.2 | 115.8 |
| 121 | 30.5 | 24.8 | 37.2 |

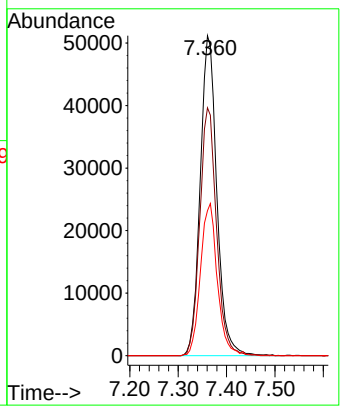





#39
Methylcyclohexane
Concen: 50.618 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 83 Resp: 12221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 77.5 | 66.2 | 99.2 |
| 98 | 45.3 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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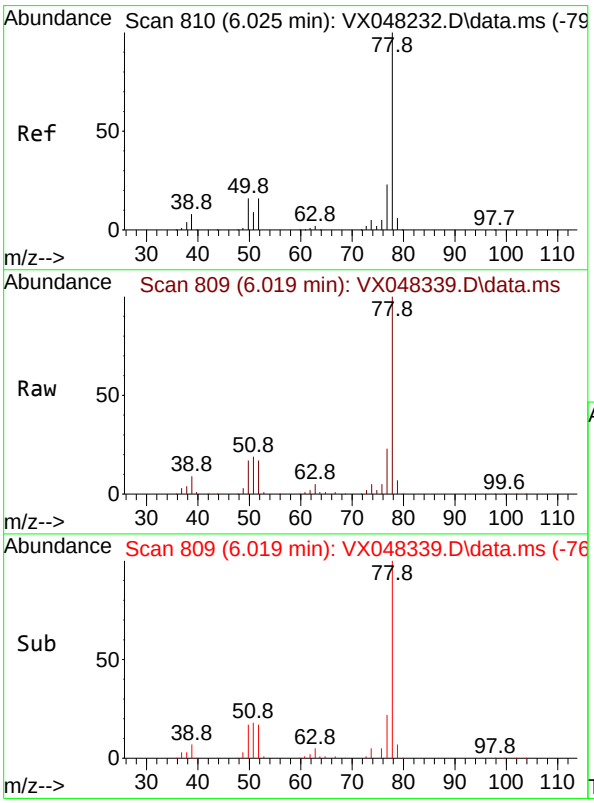
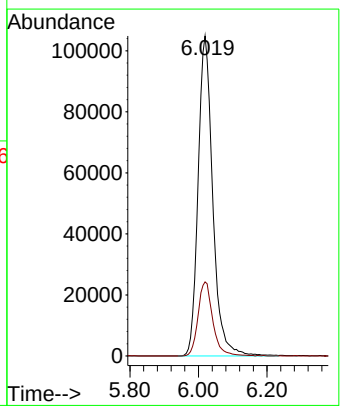
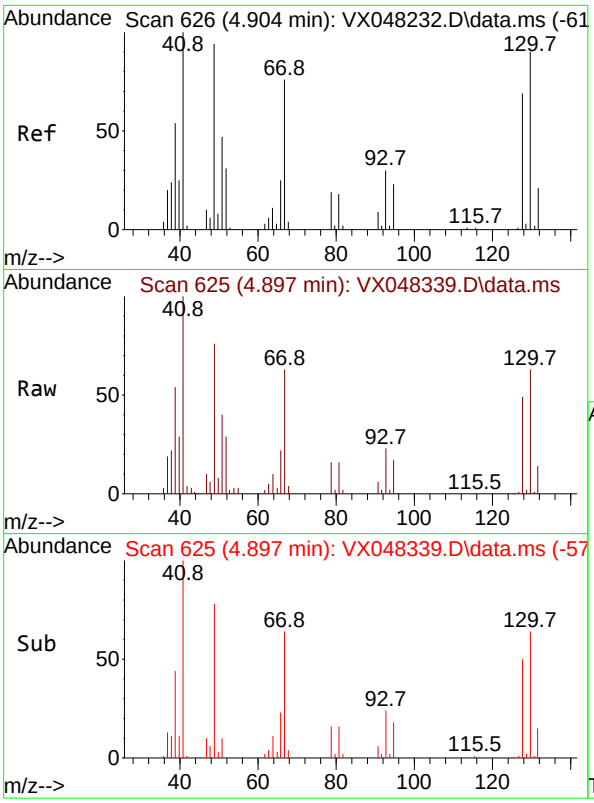



#40
Benzene
Concen: 52.544 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 78 Resp: 311870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.2 | 19.3 | 28.9 |

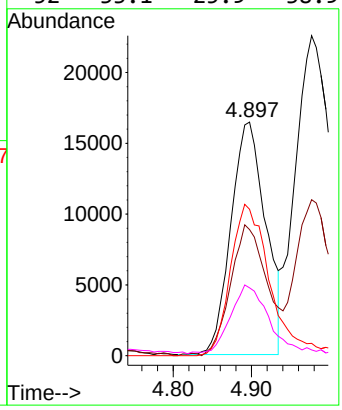





#41
Methacrylonitrile
Concen: 57.081 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 41 Resp: 5079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 59.2 | 44.0 | 66.0 |
| 67 | 76.4 | 58.7 | 88.1 |
| 52 | 33.1 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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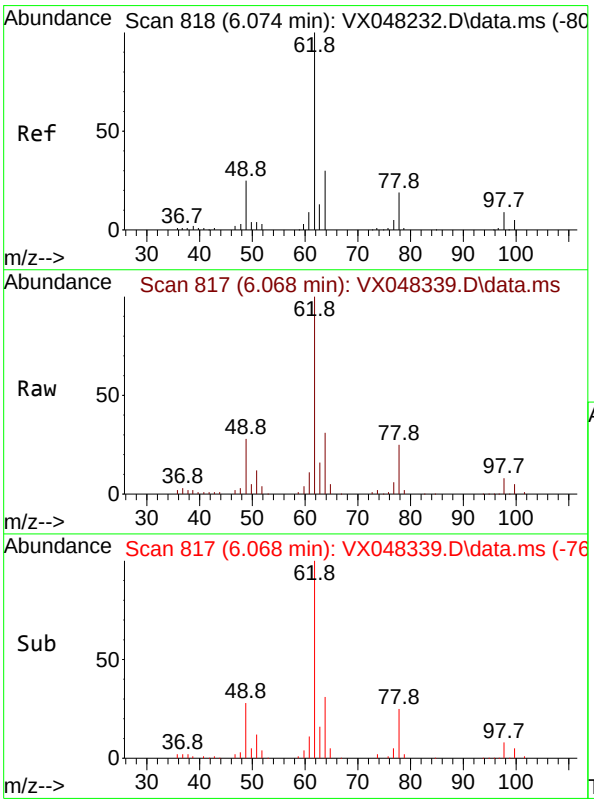
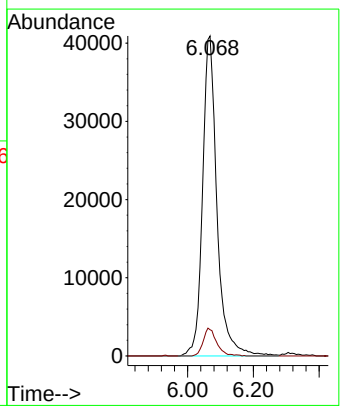
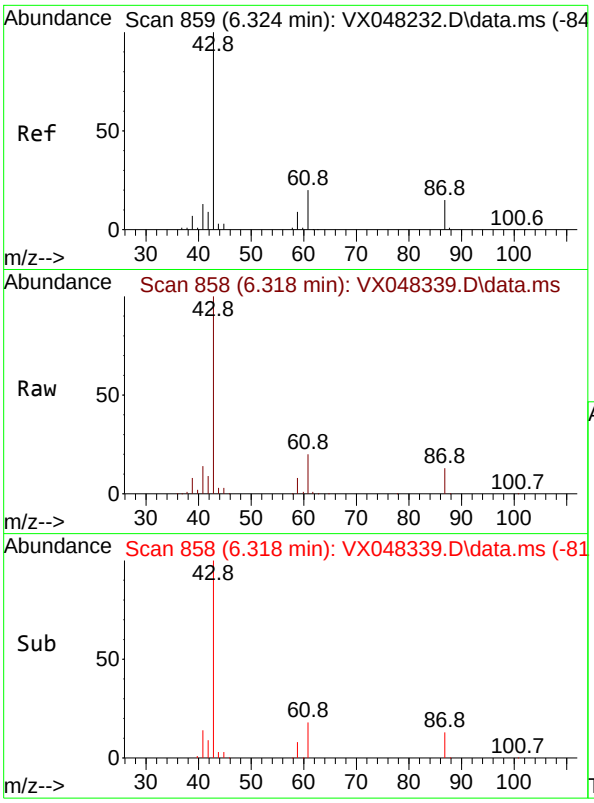



#42
1,2-Dichloroethane
Concen: 56.900 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 124623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.2 | 0.0 | 17.2 |






#43
Isopropyl Acetate
Concen: 58.836 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 16376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.8 | 14.9 | 22.3 |
| 87 | 12.5 | 9.4 | 14.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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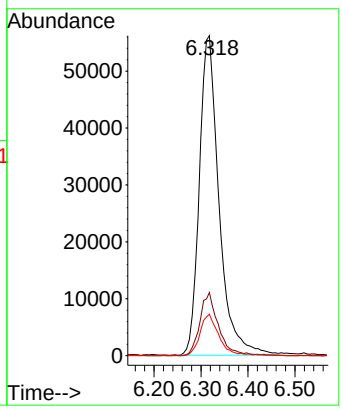
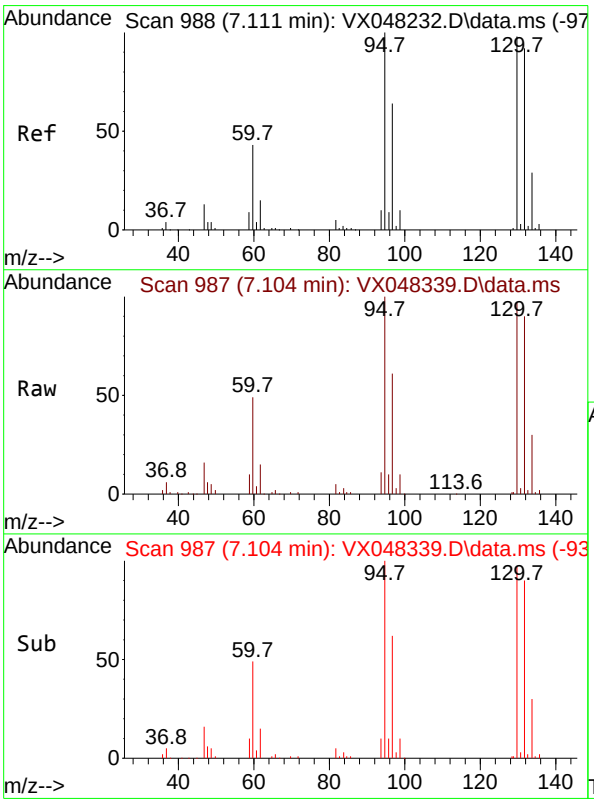
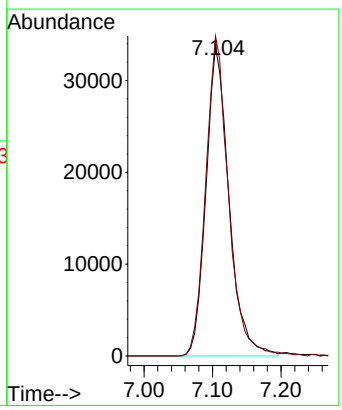


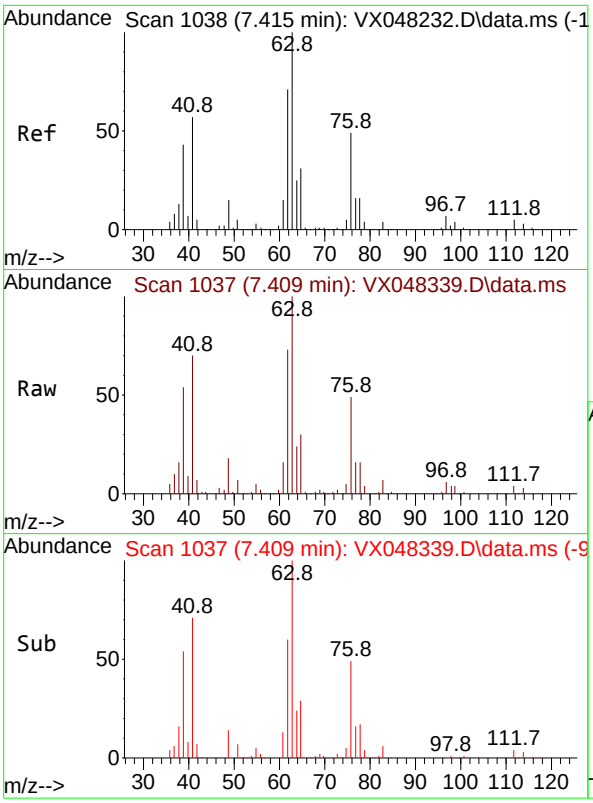




#44
Trichloroethene
Concen: 50.249 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:130 Resp: 78753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 103.4 | 0.0 | 200.6 |

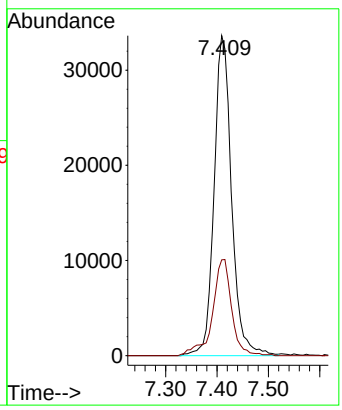





#45
1,2-Dichloropropane
Concen: 56.442 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 63 Resp: 7964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.9 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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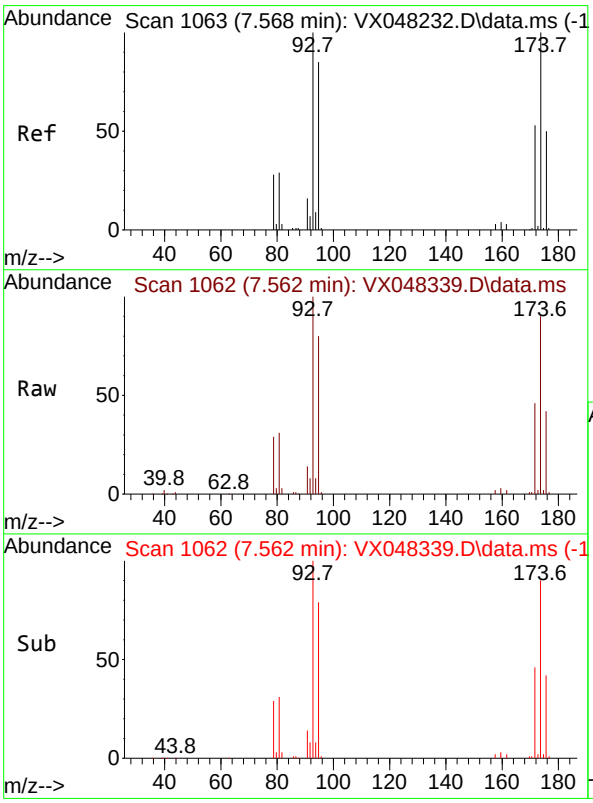
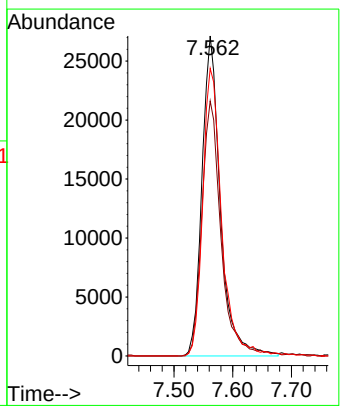
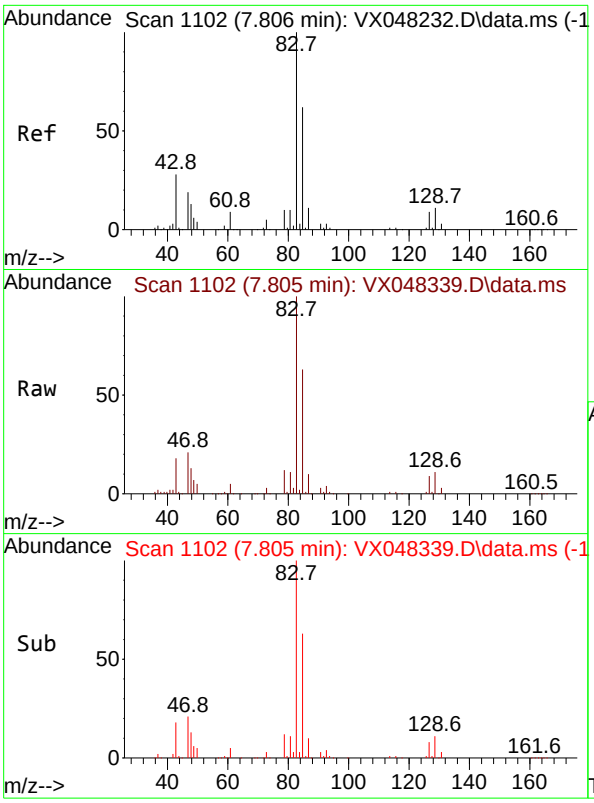



#46
Dibromomethane
Concen: 53.679 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 93 Resp: 59016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.1 | 65.9 | 98.9 |
| 174 | 92.8 | 71.7 | 107.5 |

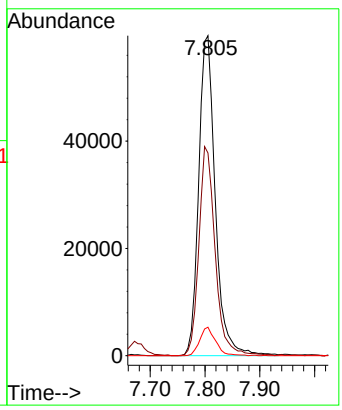





#47
Bromodichloromethane
Concen: 52.892 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 83 Resp: 12555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.4 | 52.2 | 78.4 |
| 127 | 8.9 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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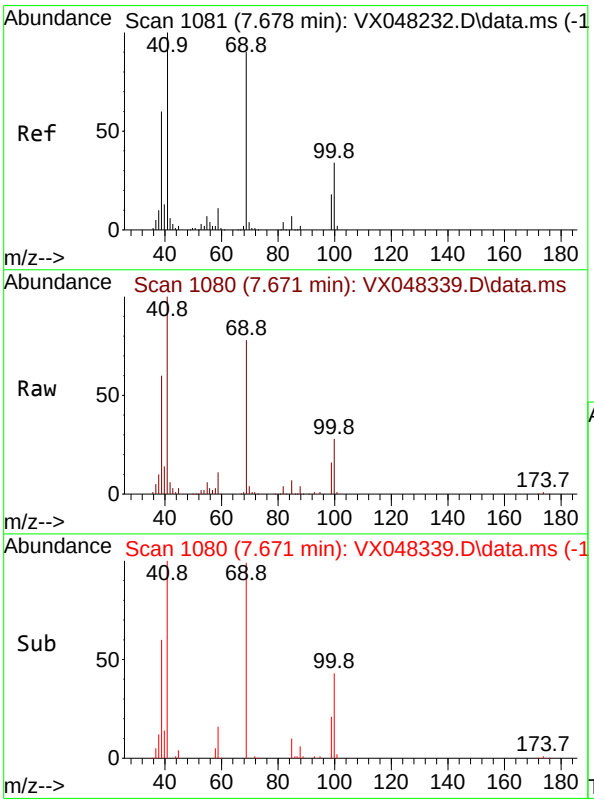
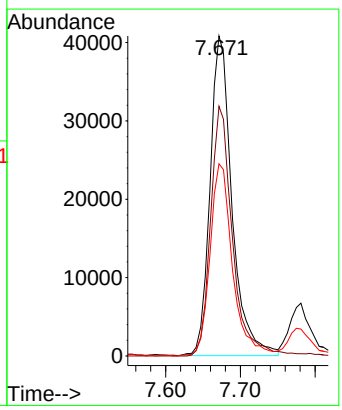
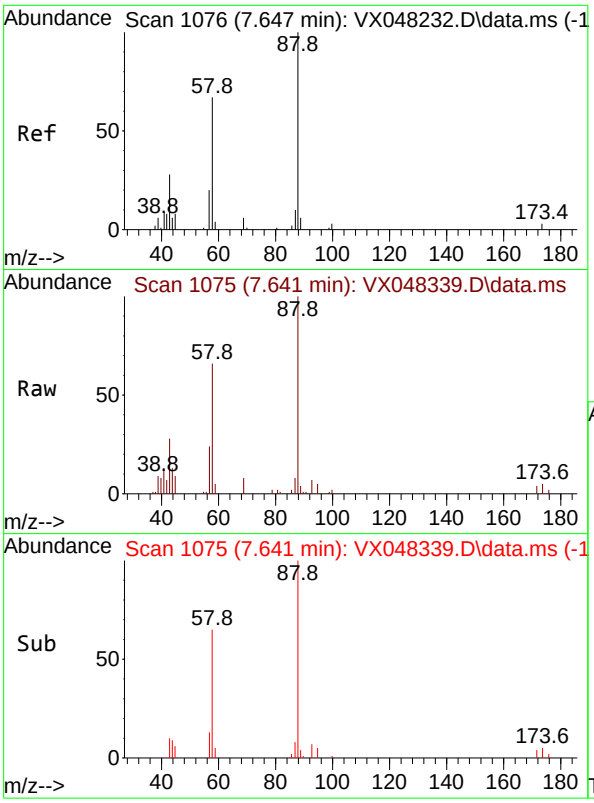



#48
Methyl methacrylate
Concen: 59.262 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 41 Resp: 83235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 78.5 | 63.4 | 95.0 |
| 39 | 61.5 | 47.1 | 70.7 |

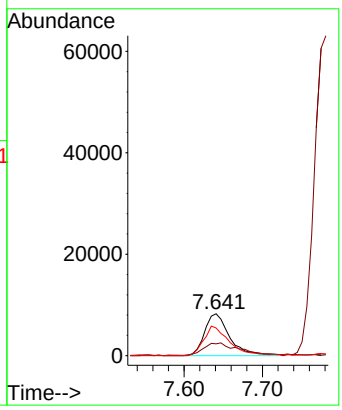





#49
1,4-Dioxane
Concen: 986.597 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 88 Resp: 1830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 44.0 | 35.0 | 52.4 |
| 58 | 72.1 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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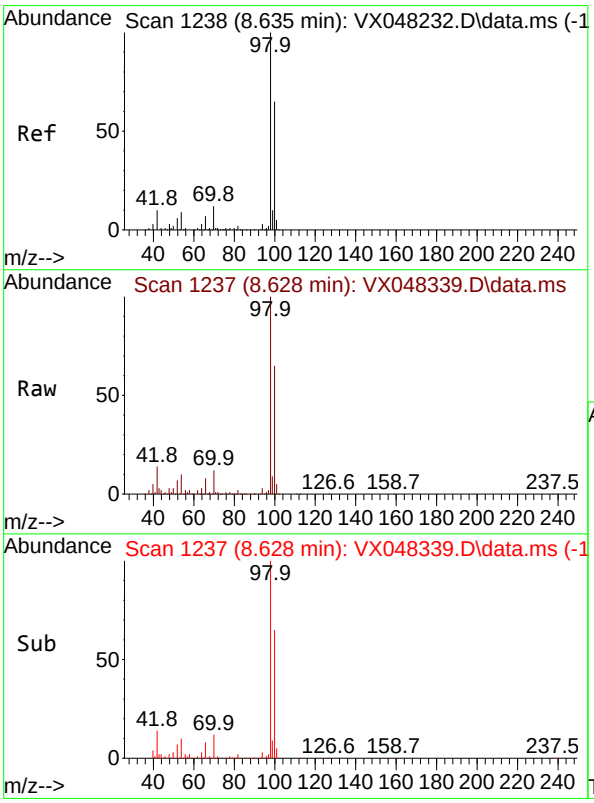
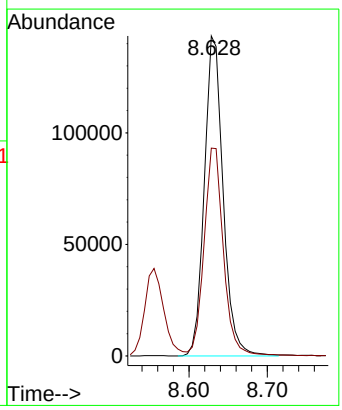
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

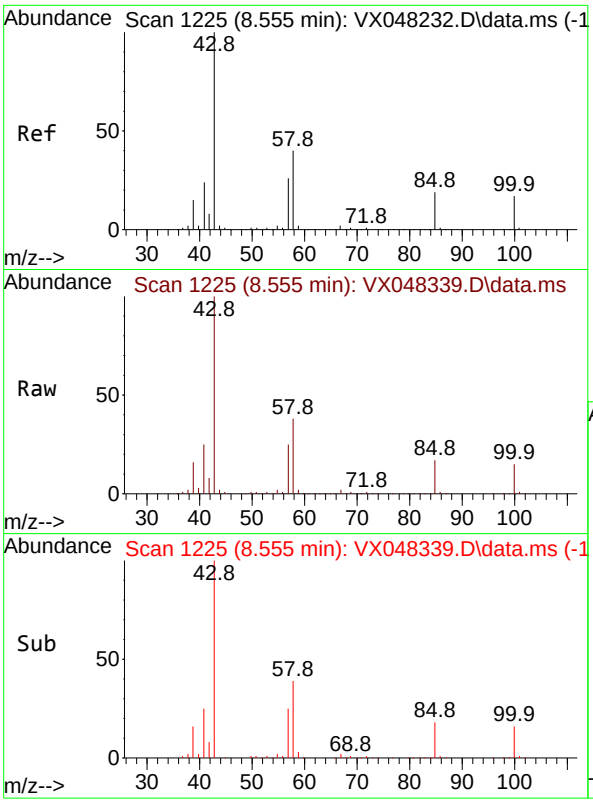



#50
Toluene-d8
Concen: 47.331 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 98 Resp: 238621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.7 | 53.0 | 79.4 |

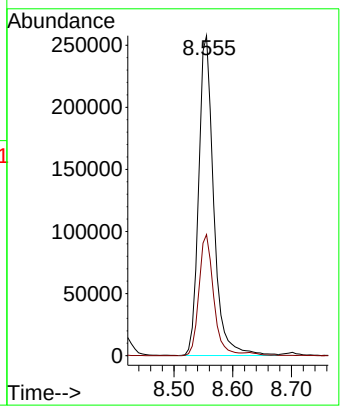





#51
4-Methyl-2-Pentanone
Concen: 284.549 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 45664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.2 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

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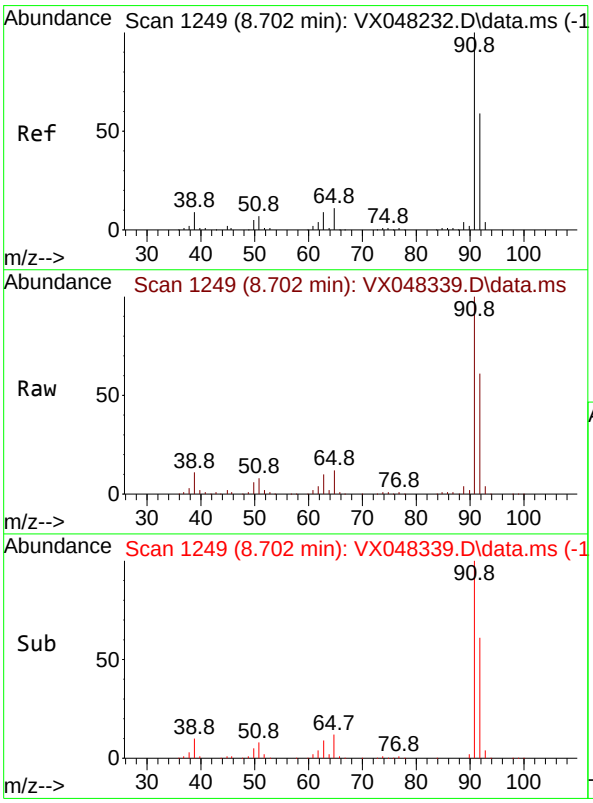
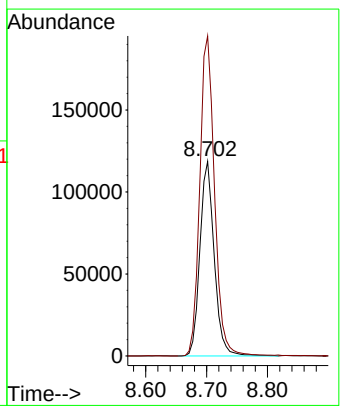
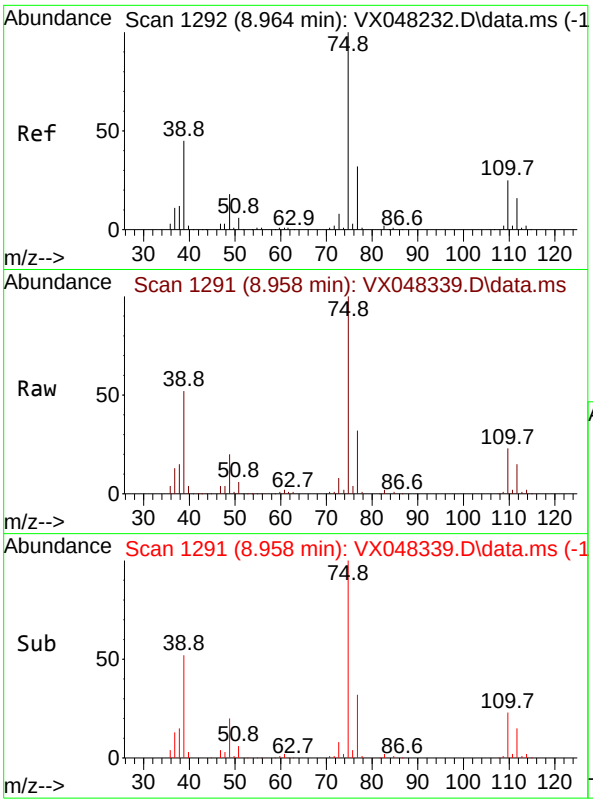



#52
Toluene
Concen: 51.366 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 92 Resp: 193684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.7 | 136.1 | 204.1 |

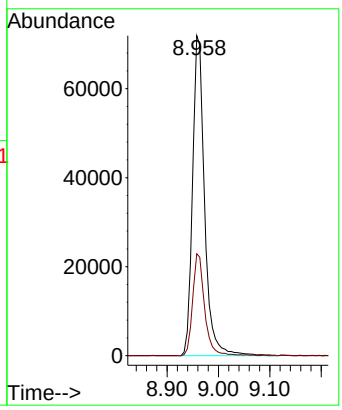





#53
t-1,3-Dichloropropene
Concen: 51.329 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 11741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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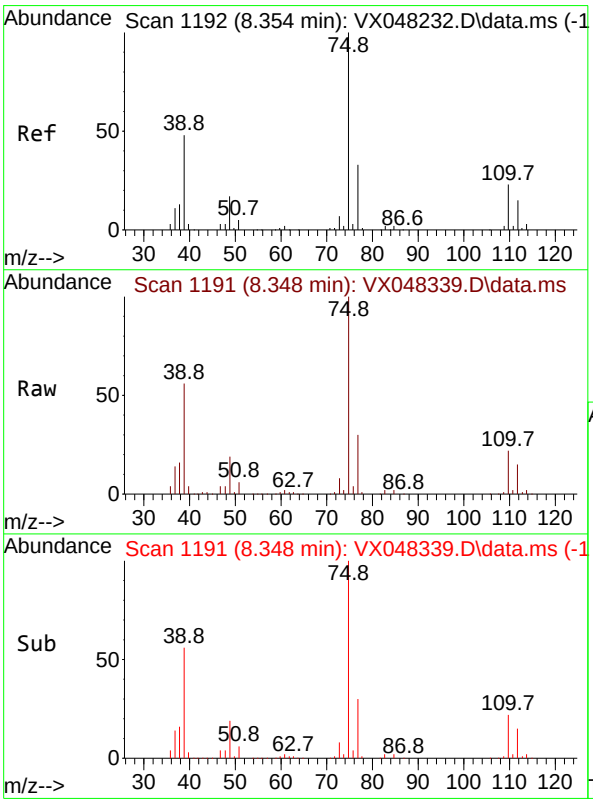
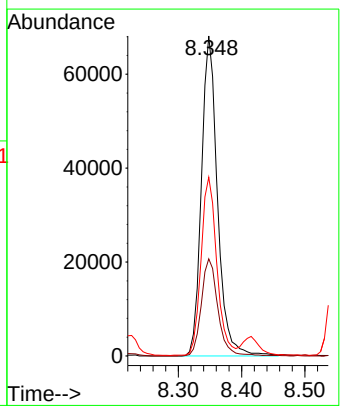
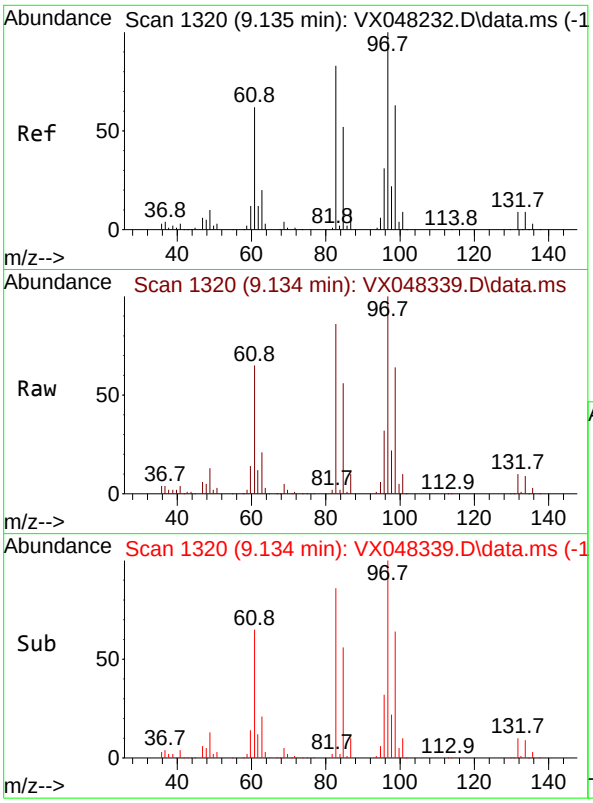



#54
cis-1,3-Dichloropropene
Concen: 48.835 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 120526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.3 | 24.9 | 37.3 |
| 39 | 54.8 | 42.6 | 64.0 |

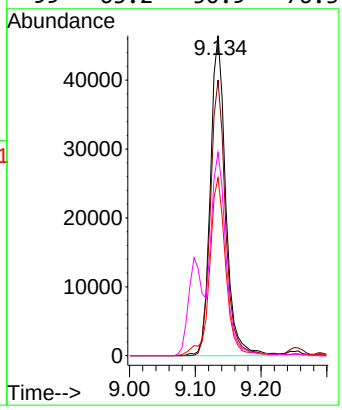





#55
1,1,2-Trichloroethane
Concen: 54.053 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 97 Resp: 7579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.1 | 70.6 | 105.8 |
| 85 | 55.5 | 45.0 | 67.6 |
| 99 | 63.2 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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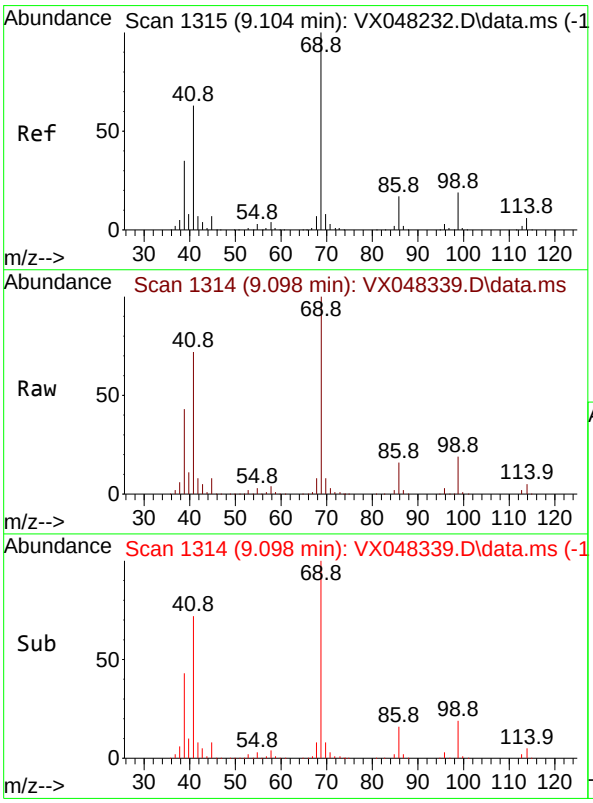
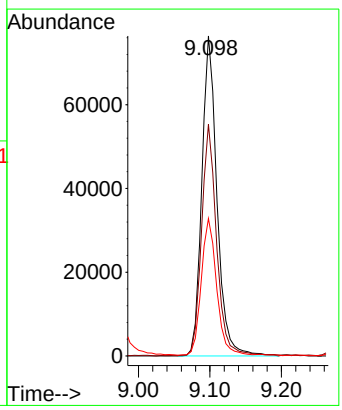
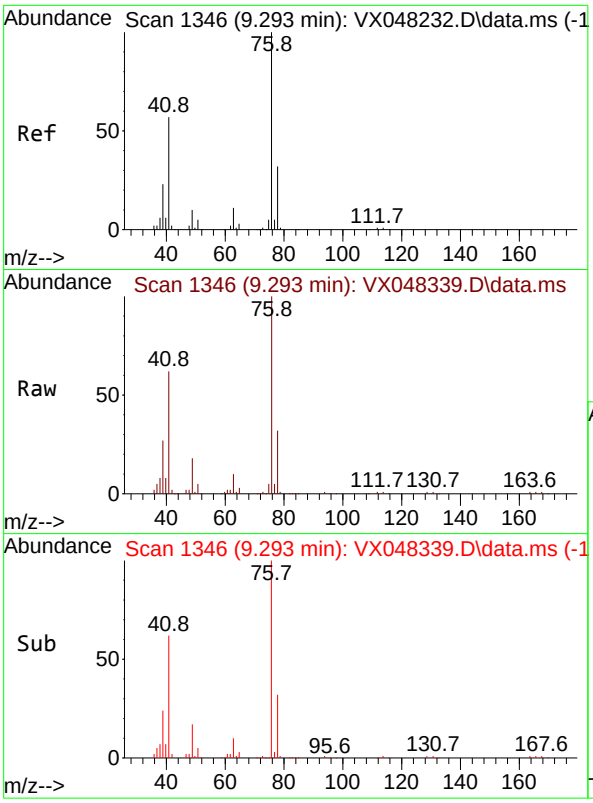



#56
Ethyl methacrylate
Concen: 55.026 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 69 Resp: 112858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 72.4 | 56.0 | 84.0 |
| 39 | 44.0 | 31.6 | 47.4 |






#57
1,3-Dichloropropane
Concen: 54.042 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 76 Resp: 12944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.6 | 25.4 | 38.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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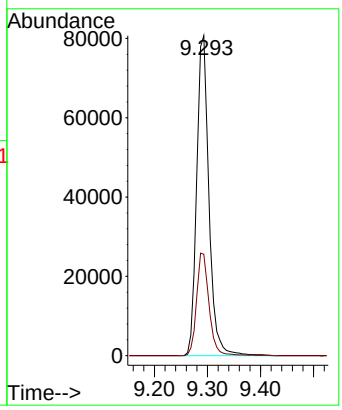
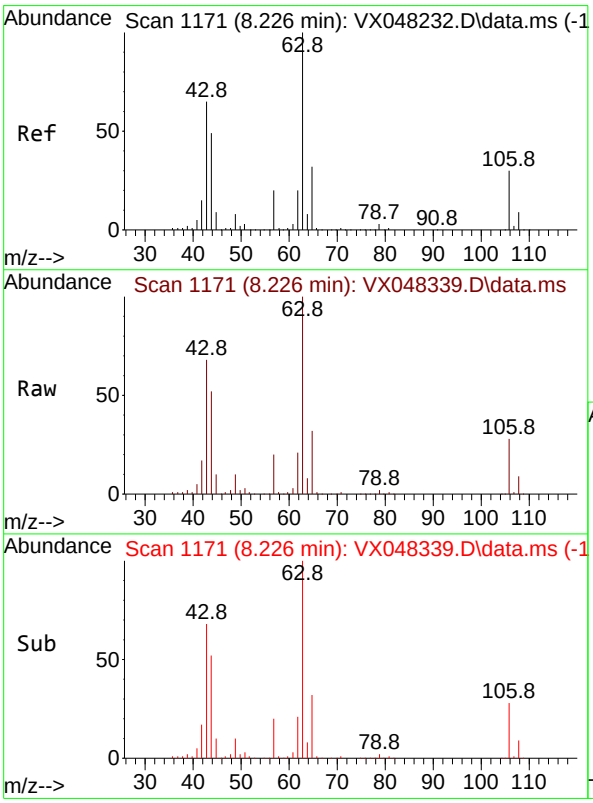
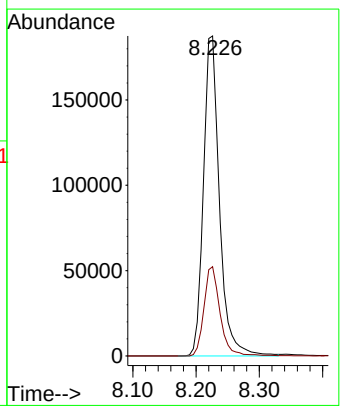


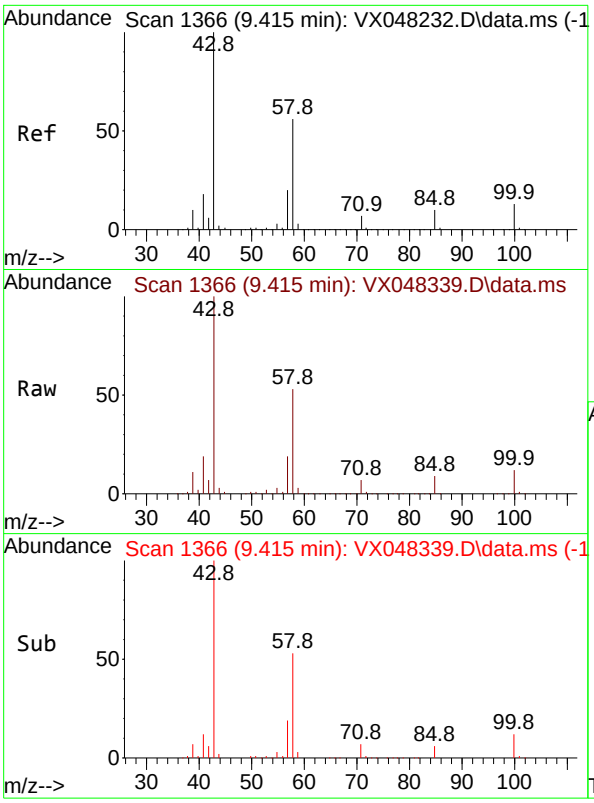




#58
2-Chloroethyl Vinyl ether
Concen: 299.294 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 63 Resp: 330441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.1 | 22.2 | 33.2 |






#59
2-Hexanone
Concen: 256.864 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 28743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.4 | 26.3 | 78.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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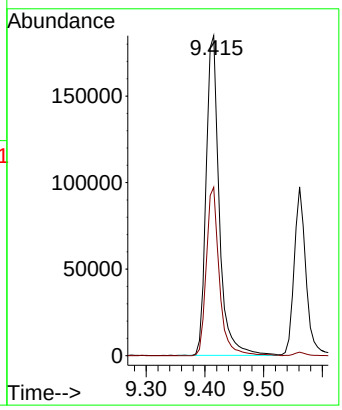
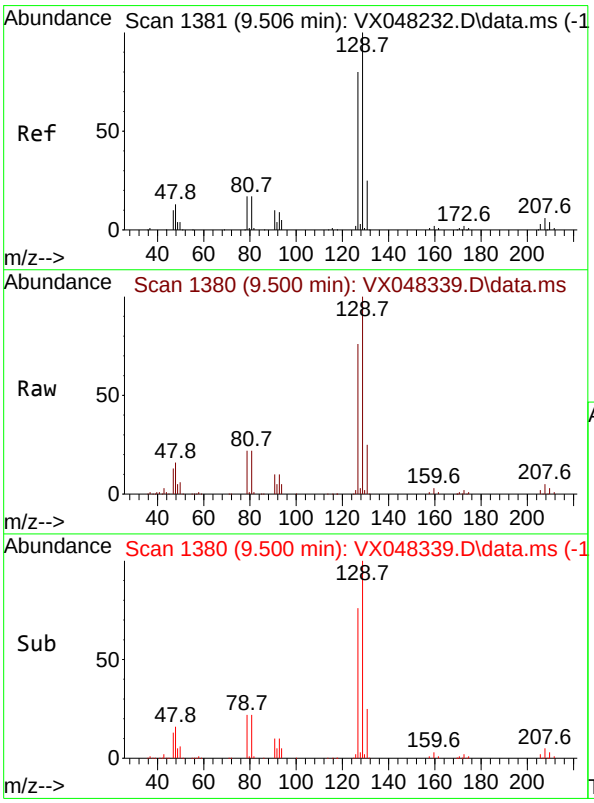
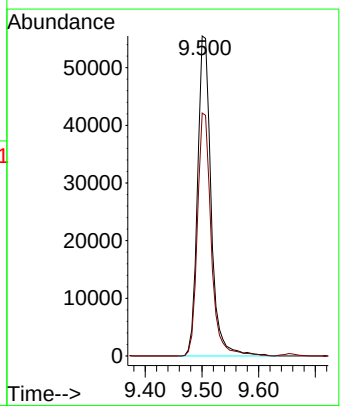


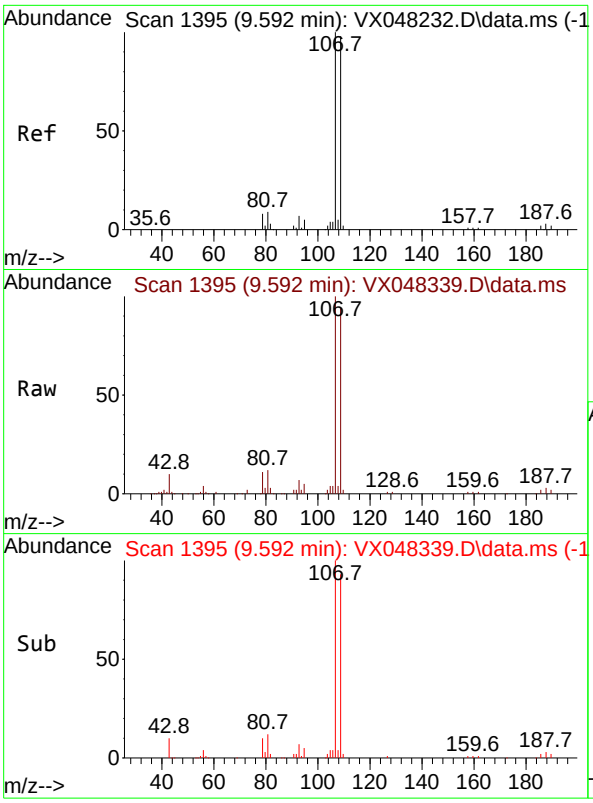




#60
Dibromochloromethane
Concen: 48.803 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:129 Resp: 91979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.2 | 38.6 | 115.7 |

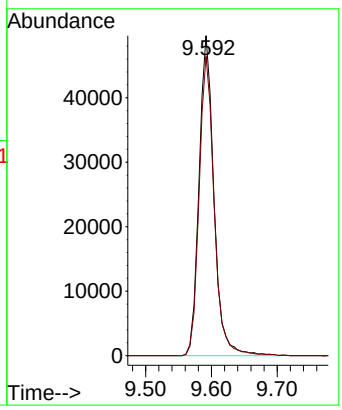





#61
1,2-Dibromoethane
Concen: 52.241 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:107 Resp: 7809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.5 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
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VSTDCCC050

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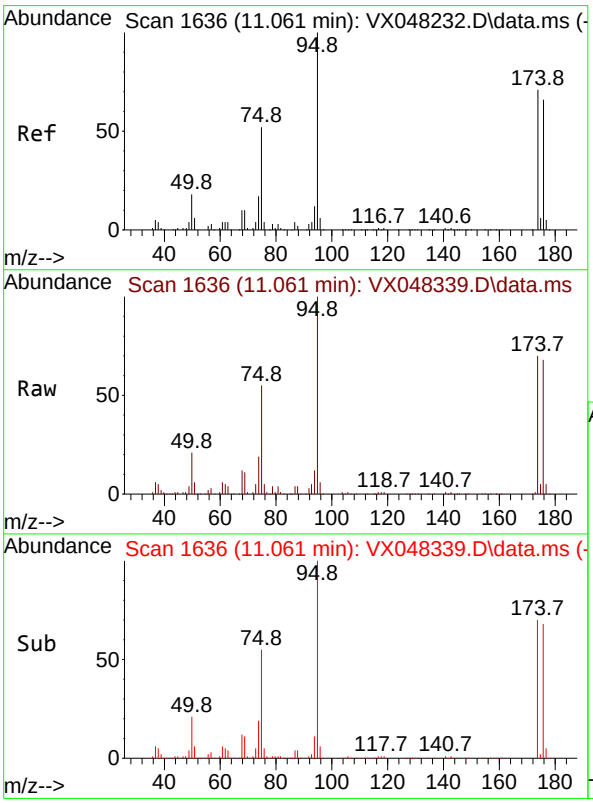
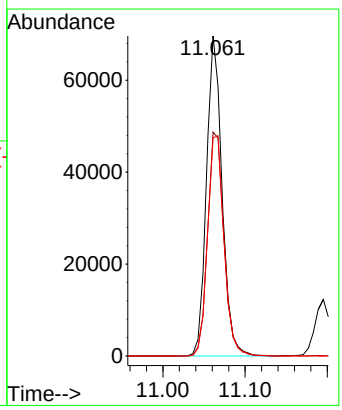
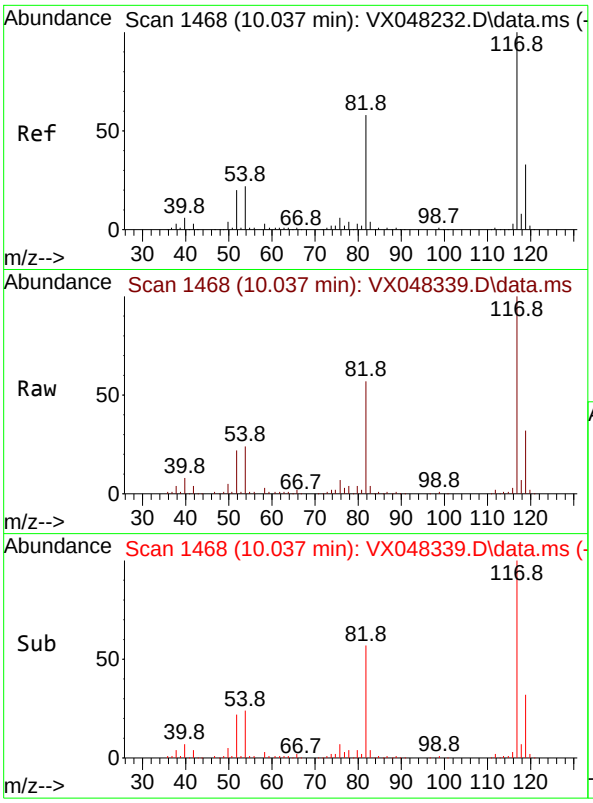



#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 95 Resp: 91425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.5 | 0.0 | 147.8 |
| 176 | 72.8 | 0.0 | 142.8 |

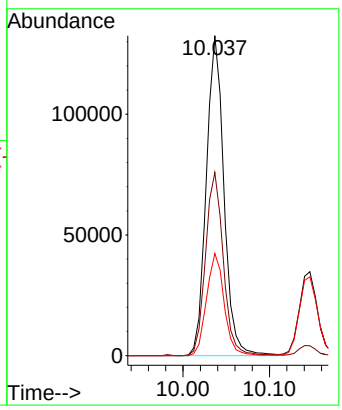





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:117 Resp: 18776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.2 | 46.5 | 69.7 |
| 119 | 31.9 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
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VSTDCCC050

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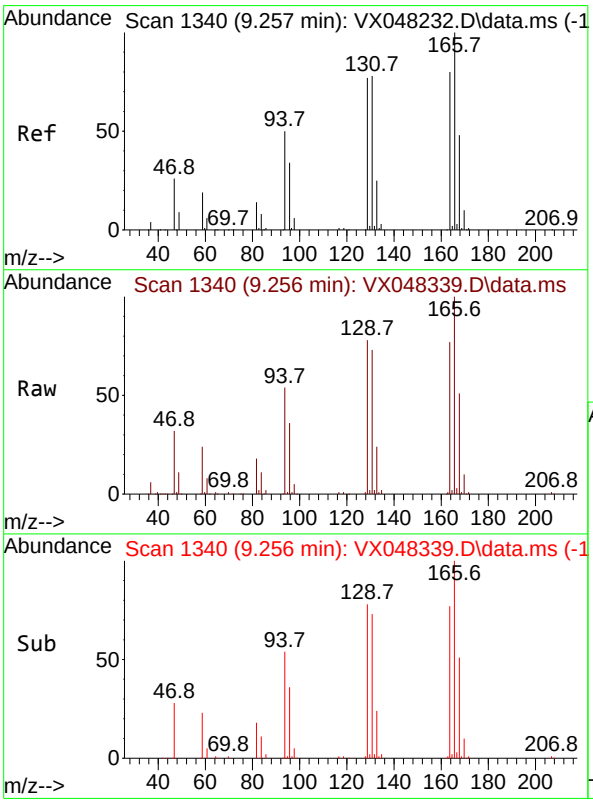
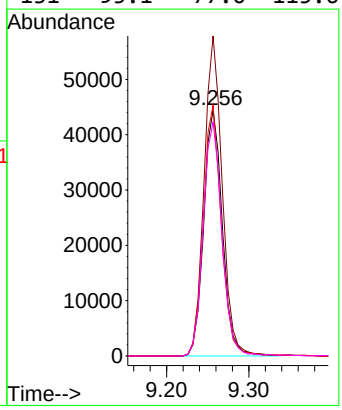
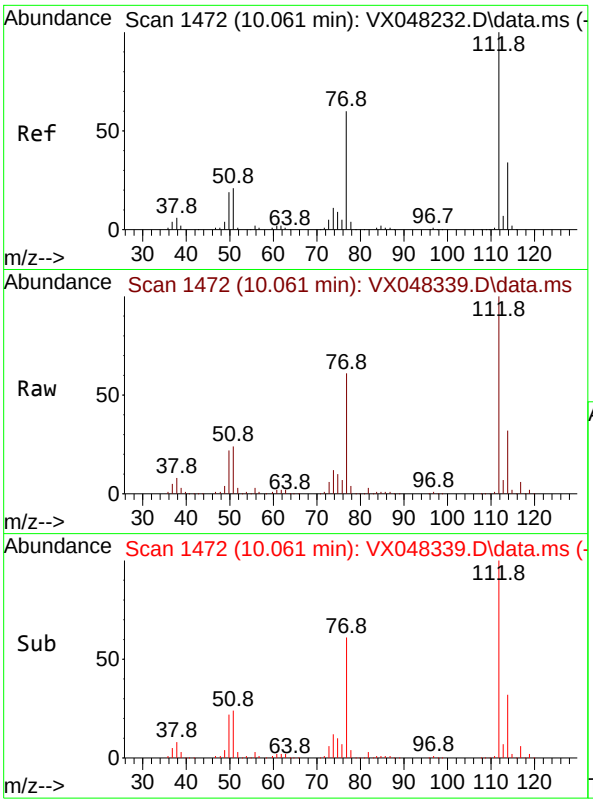



#64
Tetrachloroethene
Concen: 49.893 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:164 Resp: 69934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.2 | 104.5 | 156.7 |
| 129 | 102.0 | 81.8 | 122.6 |
| 131 | 95.1 | 77.0 | 115.6 |

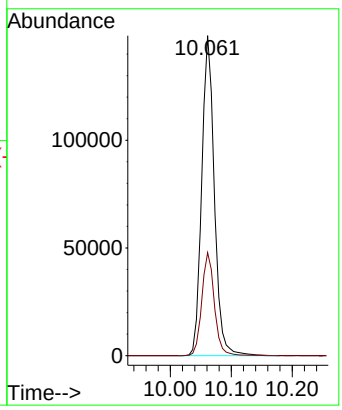





#65
Chlorobenzene
Concen: 50.756 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:112 Resp: 21438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.2 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
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VSTDCCC050

**Manual Integrations**
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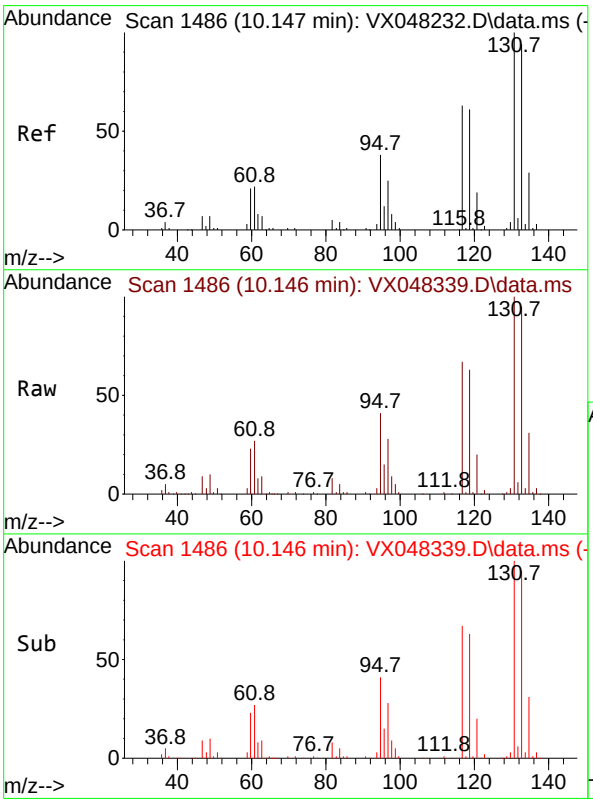
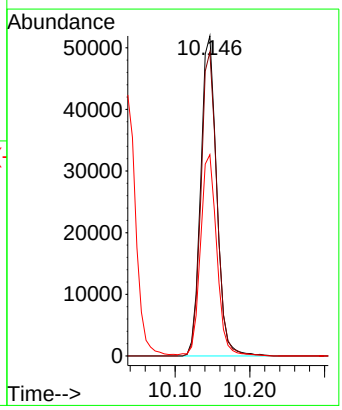
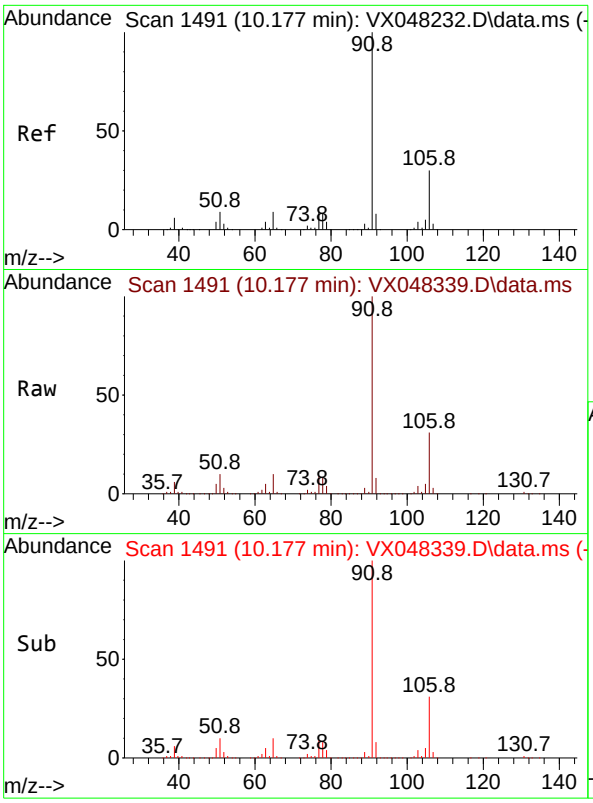



#66
1,1,1,2-Tetrachloroethane
Concen: 49.657 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:131 Resp: 77036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.1 | 47.6 | 142.8 |
| 119 | 64.4 | 32.5 | 97.5 |

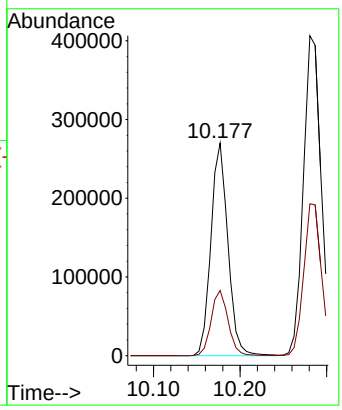





#67
Ethyl Benzene
Concen: 51.279 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 36876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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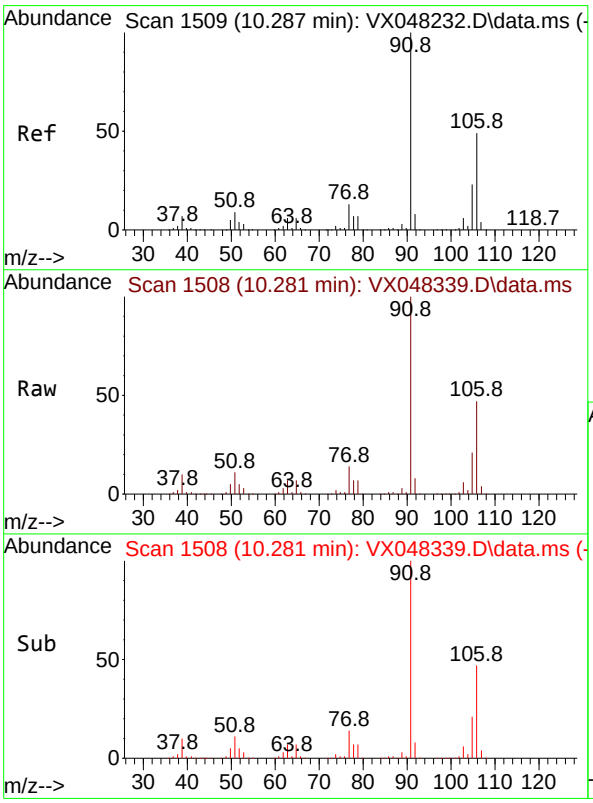
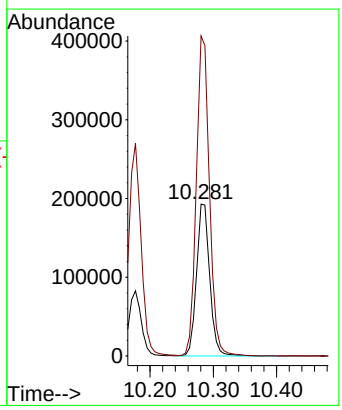
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

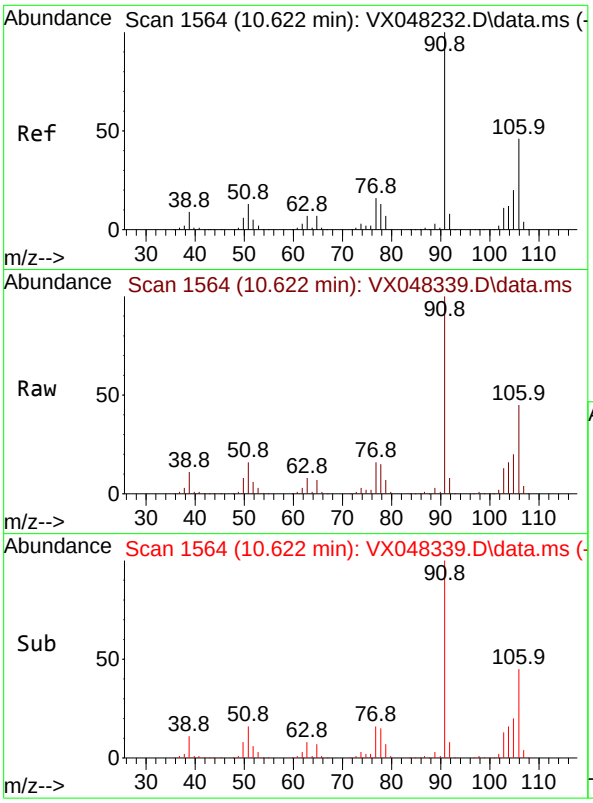



#68
m/p-Xylenes
Concen: 104.665 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:106 Resp: 279654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.1 | 167.9 | 251.9 |

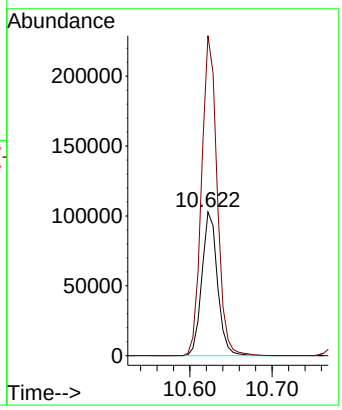





#69
o-Xylene
Concen: 52.509 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:106 Resp: 13545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.2 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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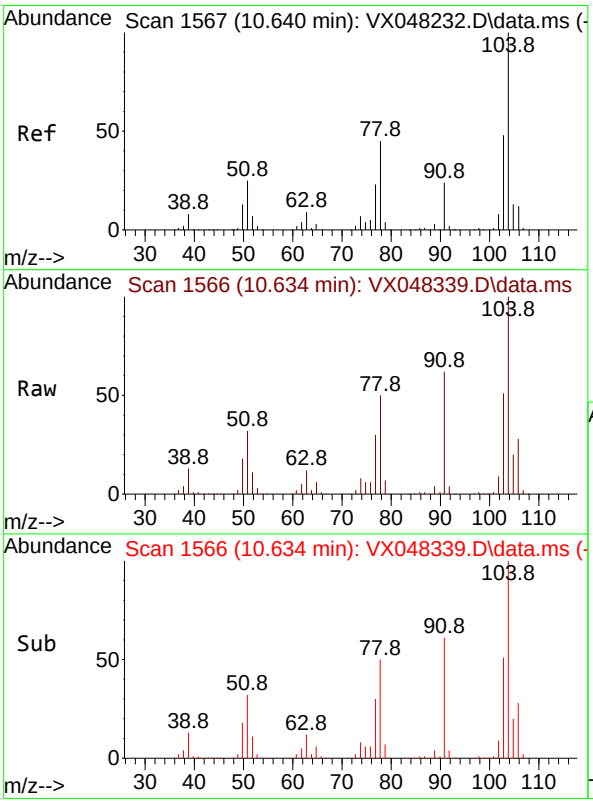
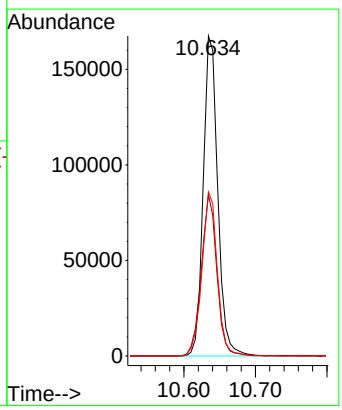
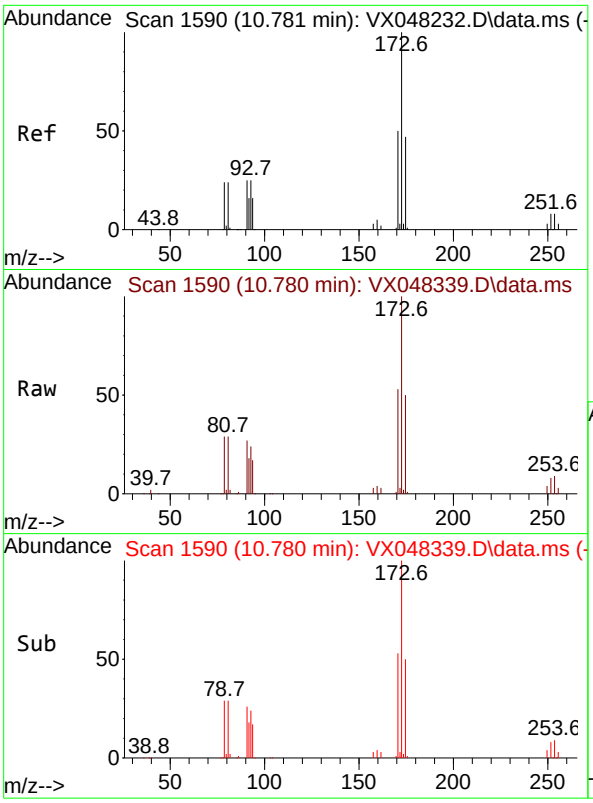



#70
Styrene
Concen: 53.739 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:104 Resp: 236042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.8 | 42.2 | 63.4 |
| 103 | 54.5 | 43.0 | 64.4 |

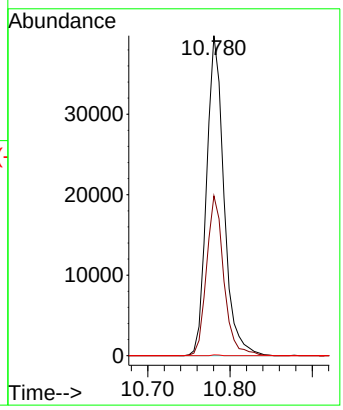





#71
Bromoform
Concen: 46.878 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:173 Resp: 5812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.8 | 24.0 | 72.0 |
| 254 | 0.1 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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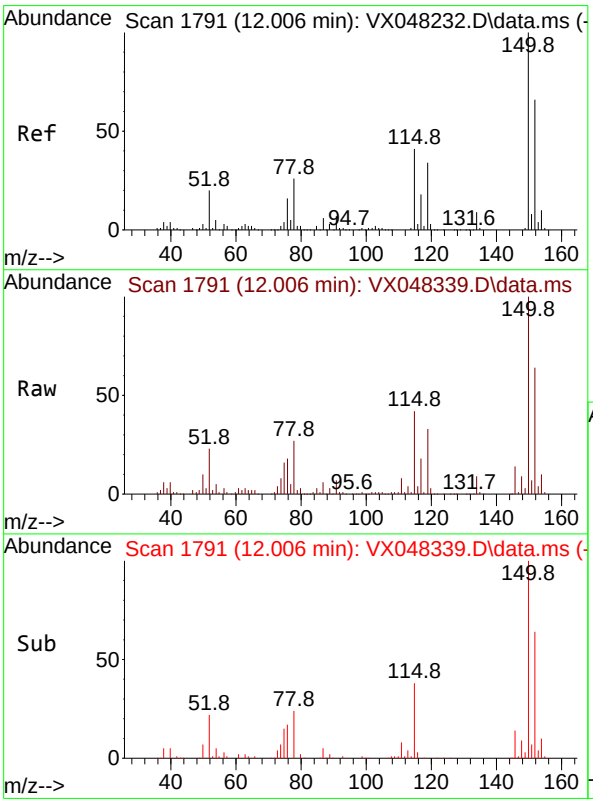
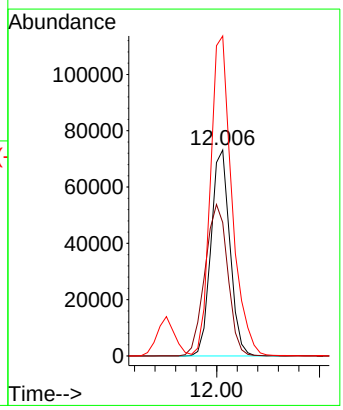
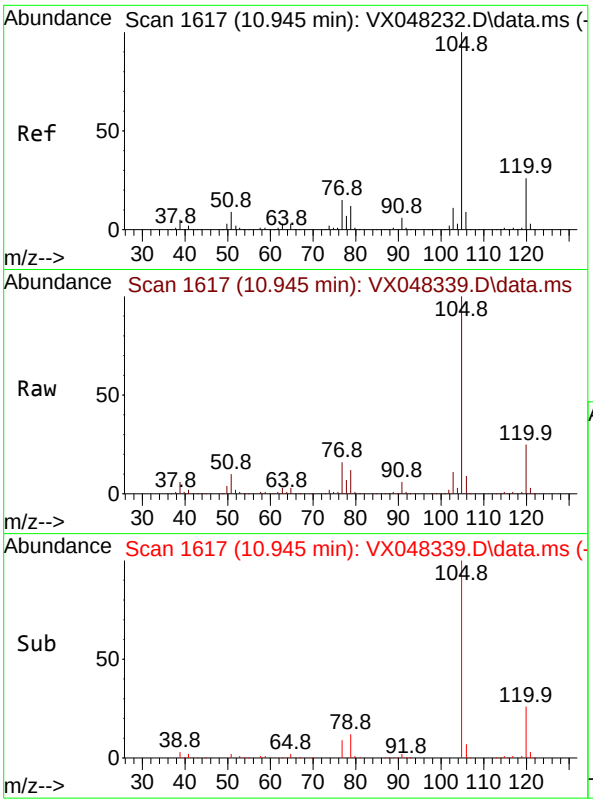



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:152 Resp: 93479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 88.9 | 43.1 | 129.4 |
| 150 | 175.7 | 0.0 | 353.0 |

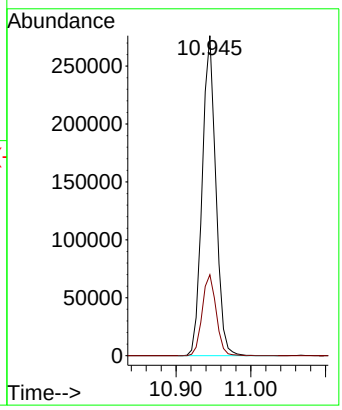





#73
Isopropylbenzene
Concen: 51.150 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:105 Resp: 34923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 13.0 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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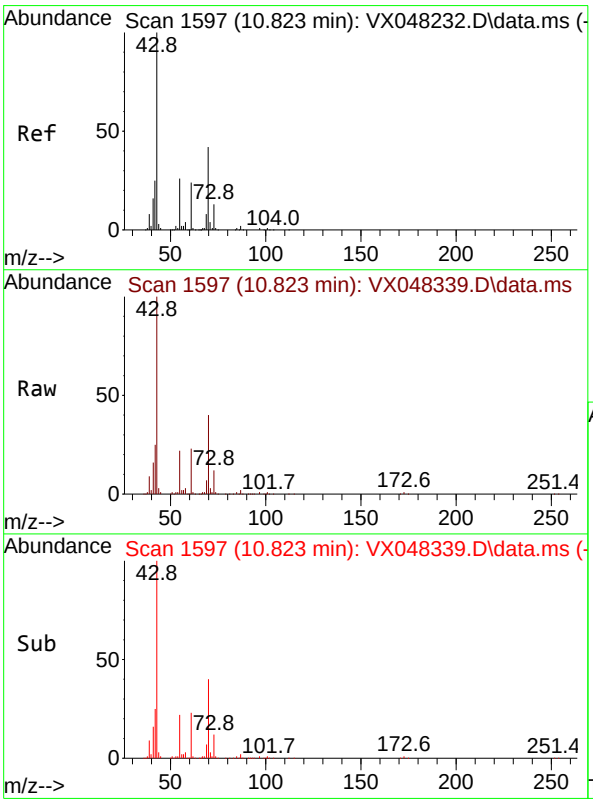
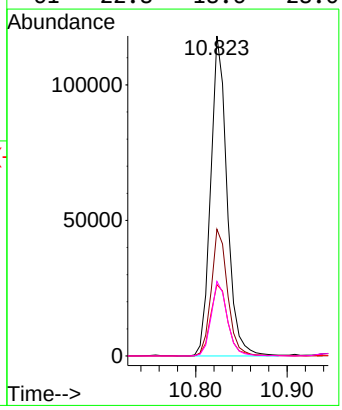
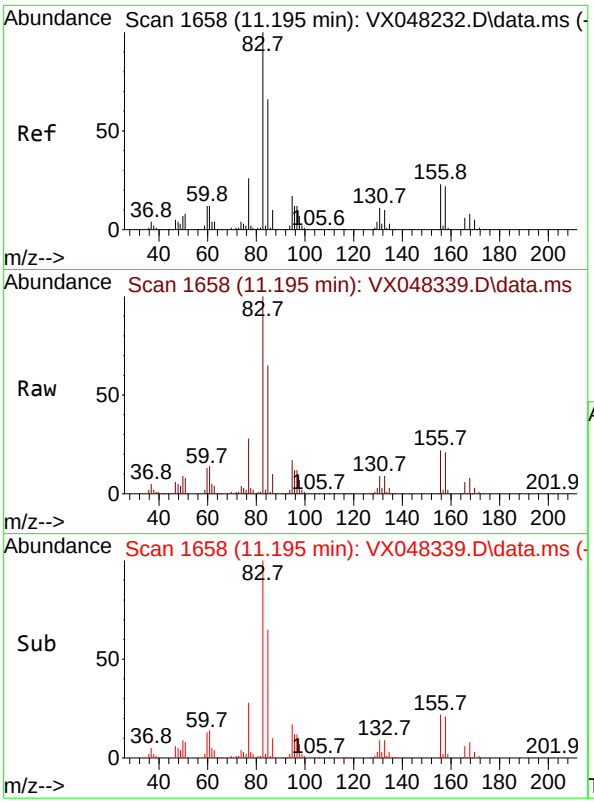



#74
N-amyl acetate
Concen: 60.589 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 146738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 39.6 | 32.2 | 48.2 |
| 55 | 23.5 | 19.1 | 28.7 |
| 61 | 22.8 | 18.6 | 28.0 |






#75
1,1,2,2-Tetrachloroethane
Concen: 51.376 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 83 Resp: 9579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.0 | 4.8 | 14.4 |
| 85 | 65.2 | 31.9 | 95.7 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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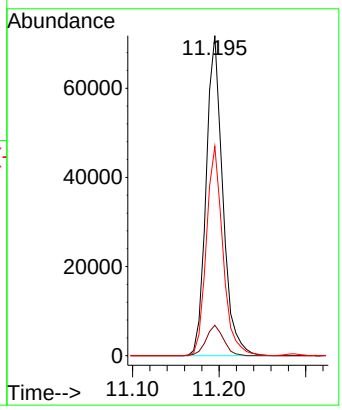
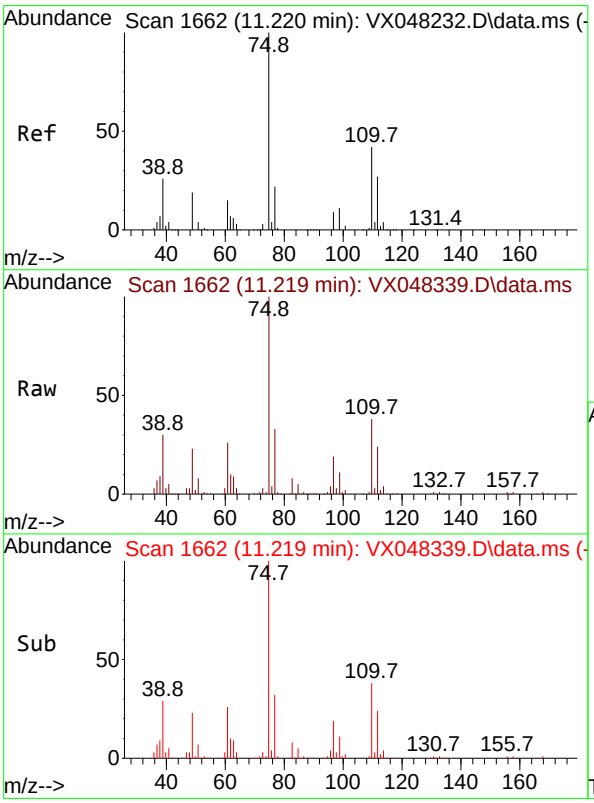
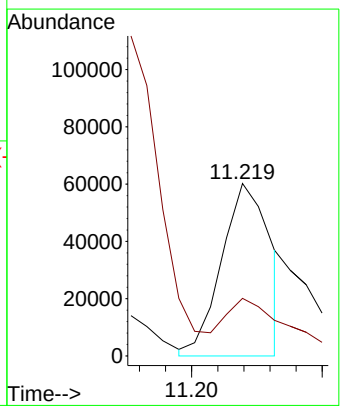


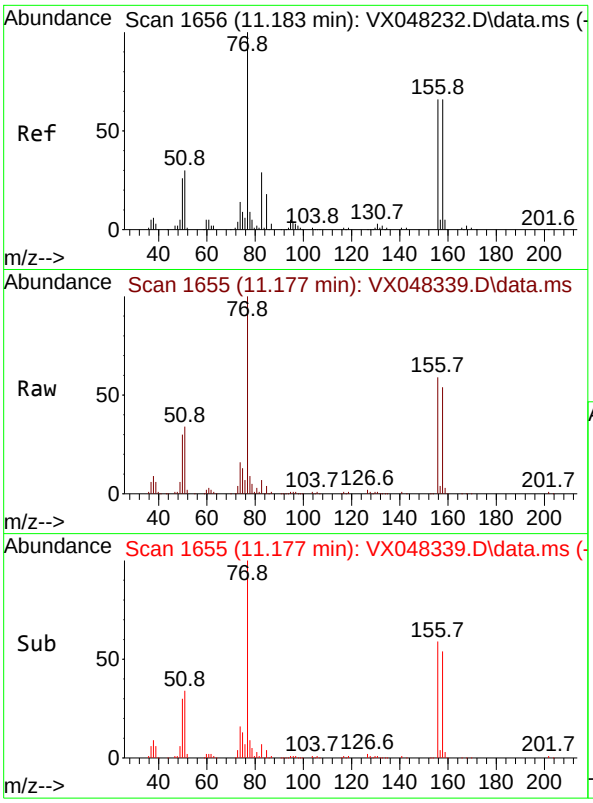




#76
1,2,3-Trichloropropane
Concen: 51.283 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 77740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 42.3 | 22.4 | 67.2 |

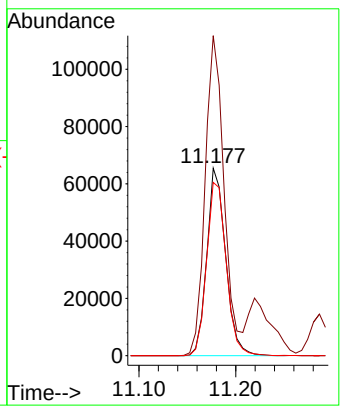





#77
Bromobenzene
Concen: 51.716 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:156 Resp: 8853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 172.1 | 87.0 | 261.0 |
| 158 | 96.5 | 47.8 | 143.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

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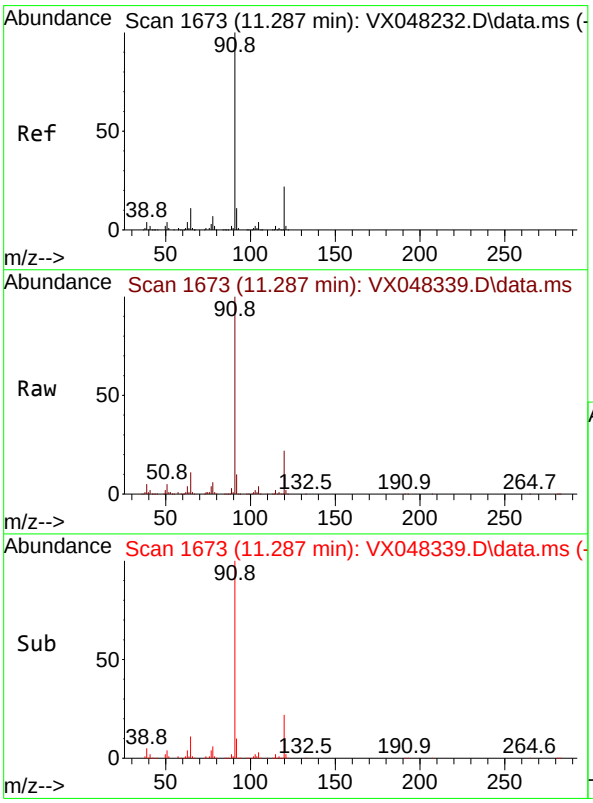
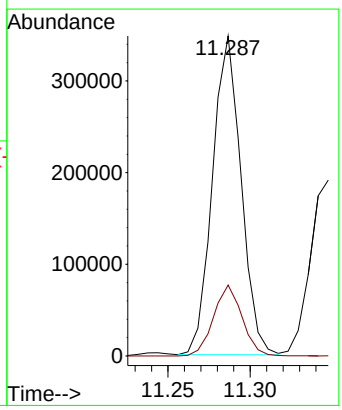
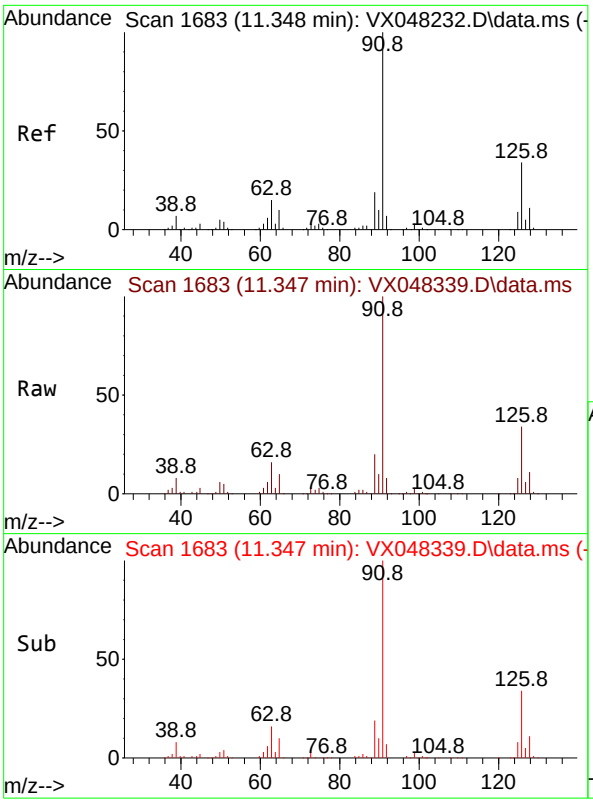



#78
n-propylbenzene
Concen: 53.181 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 420413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.2 | 11.1 | 33.1 |






#79
2-Chlorotoluene
Concen: 52.073 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 24958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.2 | 16.4 | 49.4 |

**Instrument :**
MSVOA_X
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VSTDCCC050

**Manual Integrations**
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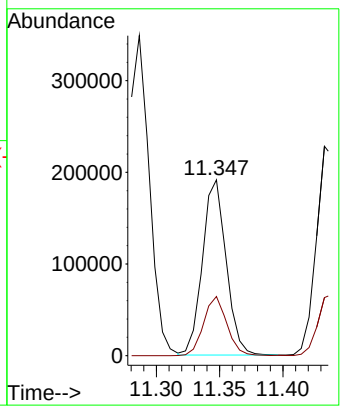
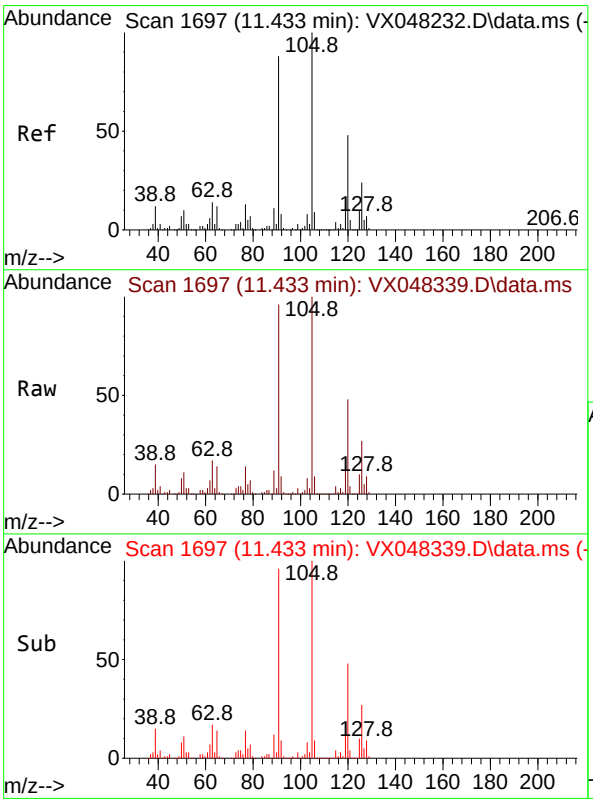
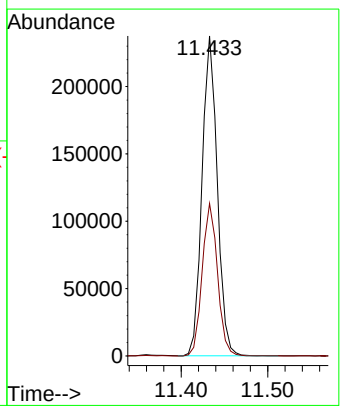


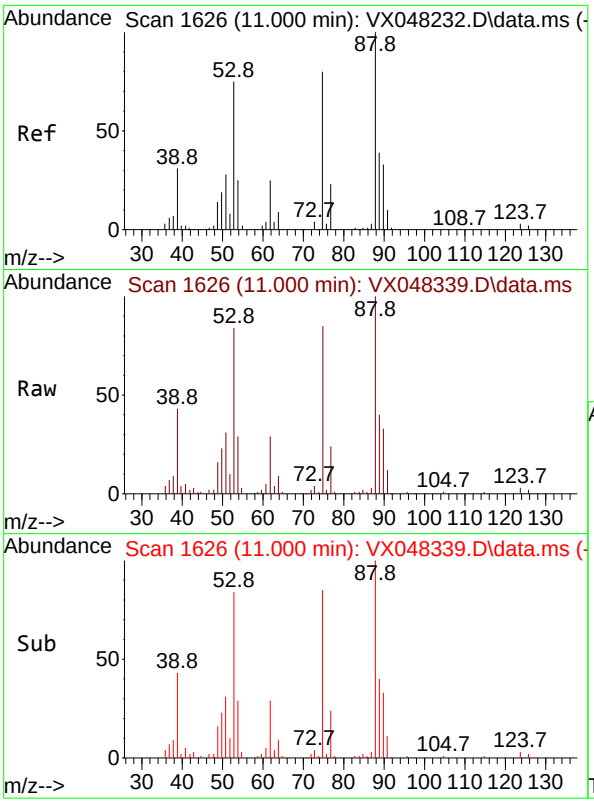




#80
1,3,5-Trimethylbenzene
Concen: 51.224 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:105 Resp: 289432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.0 | 24.0 | 72.0 |

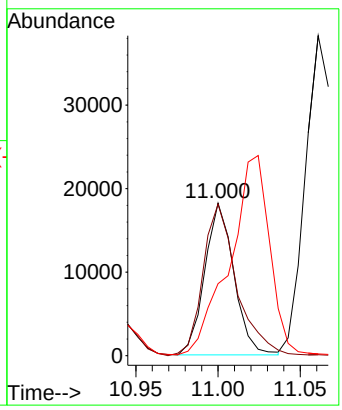





#81
trans-1,4-Dichloro-2-butene
Concen: 35.976 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 2241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 116.5 | 79.5 | 119.3 |
| 89 | 0.0 | 36.8 | 55.2# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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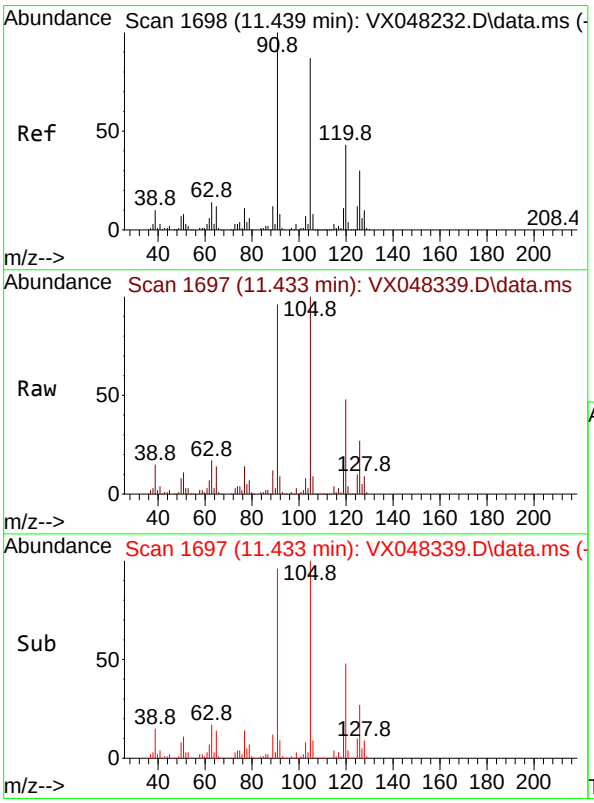
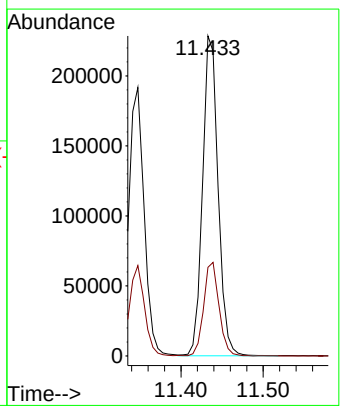
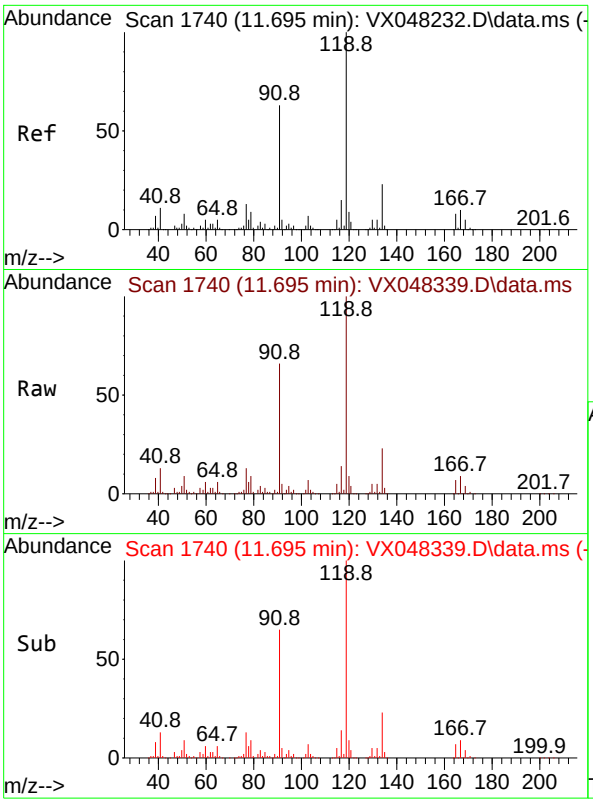



#82
4-Chlorotoluene
Concen: 52.497 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 298685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.1 | 14.1 | 42.4 |

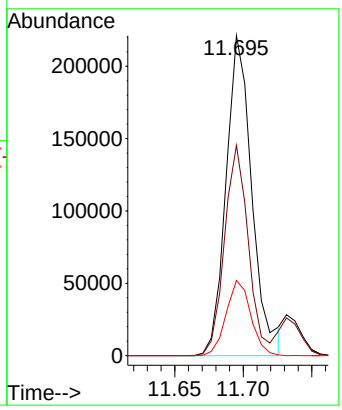





#83
tert-Butylbenzene
Concen: 50.006 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:119 Resp: 29030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 60.6 | 30.3 | 91.0 |
| 134 | 22.5 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
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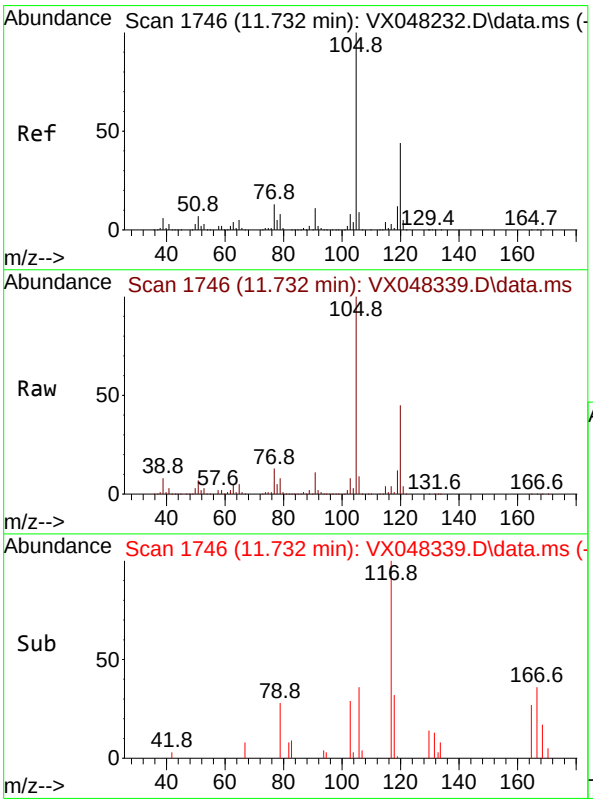
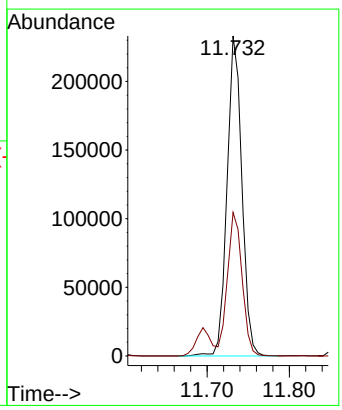
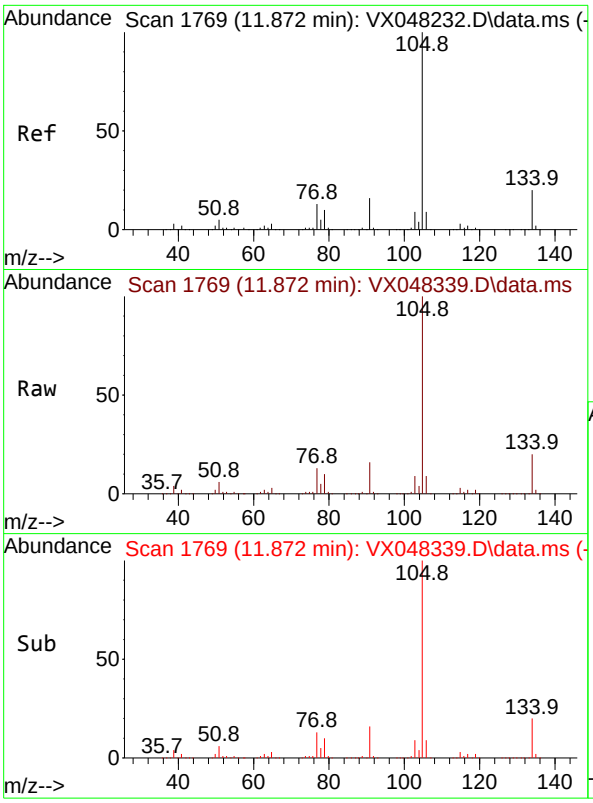



#84
1,2,4-Trimethylbenzene
Concen: 51.728 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:105 Resp: 291688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.2 | 22.1 | 66.5 |

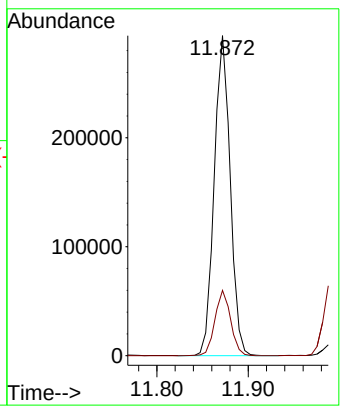





#85
sec-Butylbenzene
Concen: 50.910 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:105 Resp: 35558

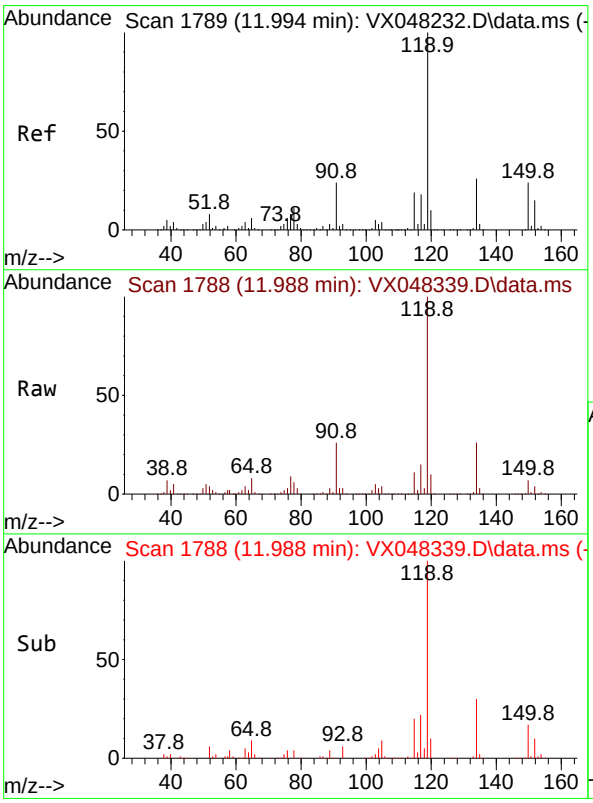
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.1 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

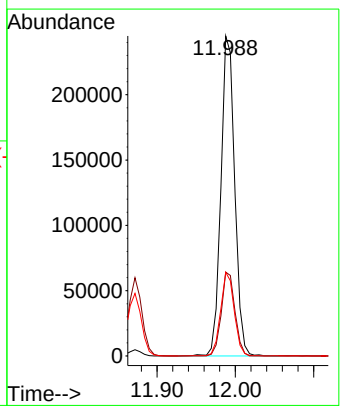
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

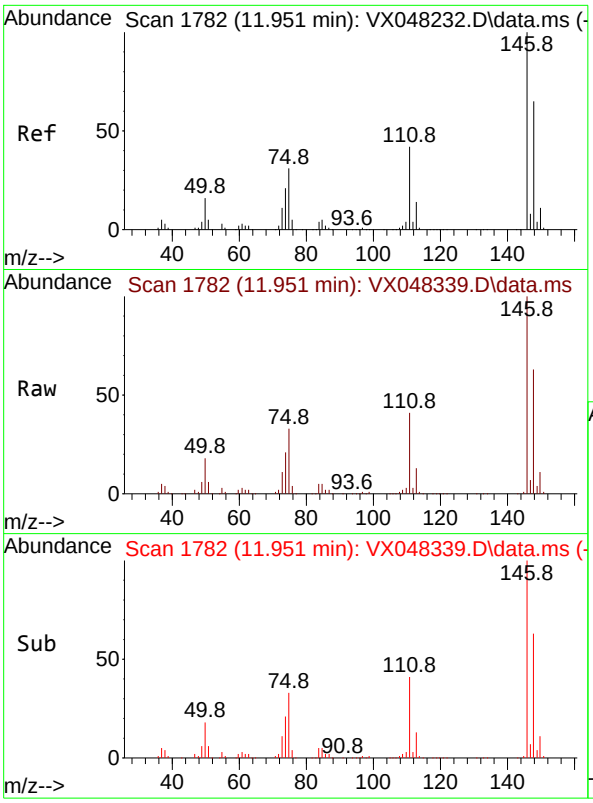



#86
p-Isopropyltoluene
Concen: 49.821 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:119 Resp: 300777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.0 | 13.0 | 39.0 |
| 91 | 25.7 | 12.1 | 36.3 |

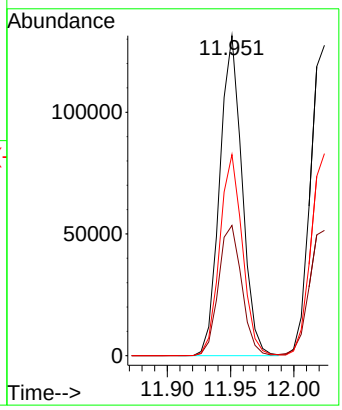





#87
1,3-Dichlorobenzene
Concen: 50.069 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:146 Resp: 16159

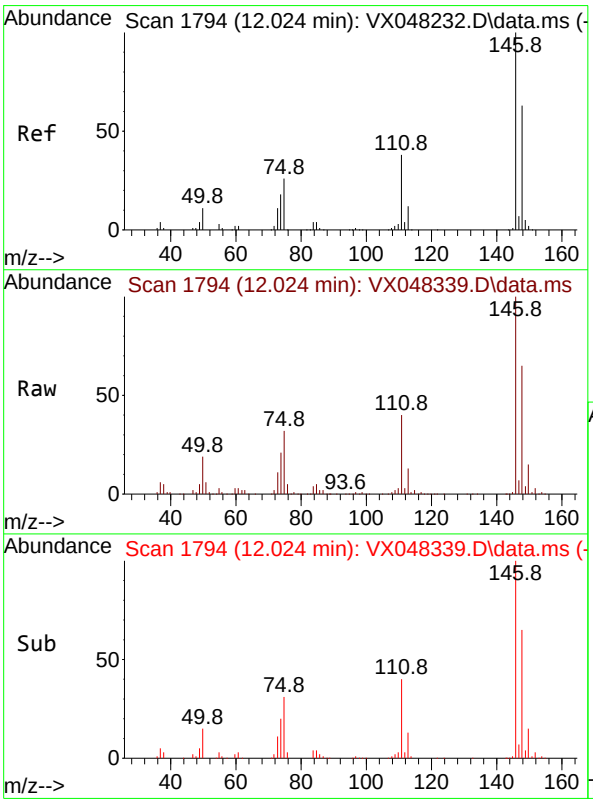
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.4 | 20.4 | 61.2 |
| 148 | 63.6 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

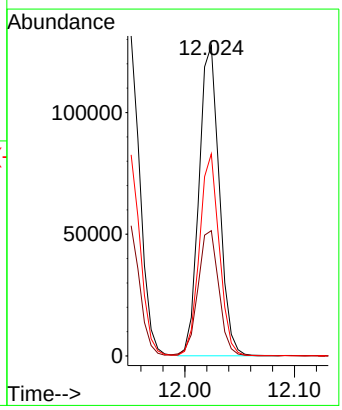
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

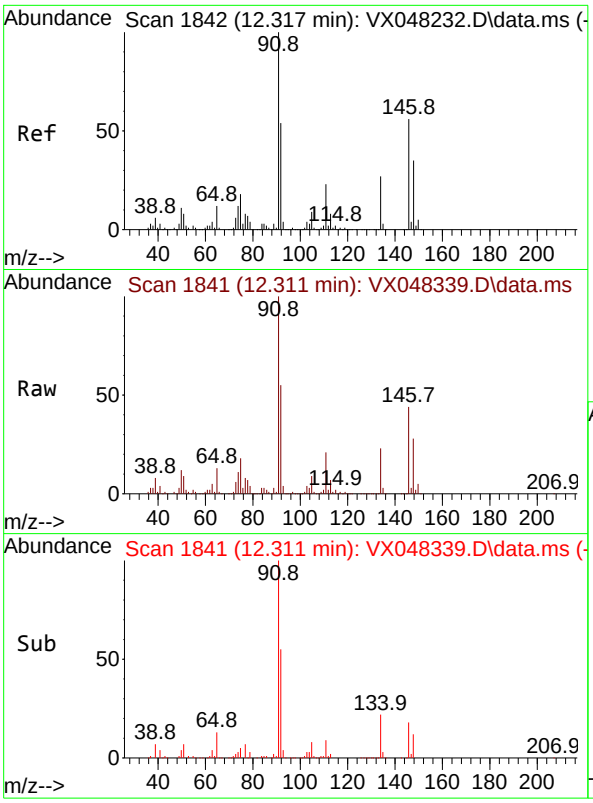



#88
1,4-Dichlorobenzene
Concen: 49.095 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:146 Resp: 164145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.5 | 20.1 | 60.2 |
| 148 | 63.5 | 31.8 | 95.3 |

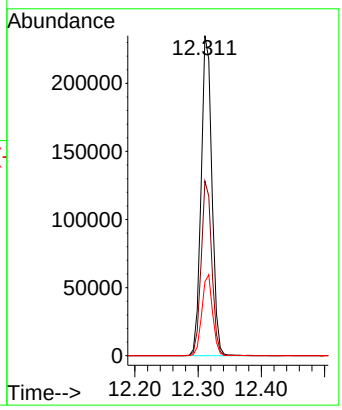





#89
n-Butylbenzene
Concen: 50.804 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 27916

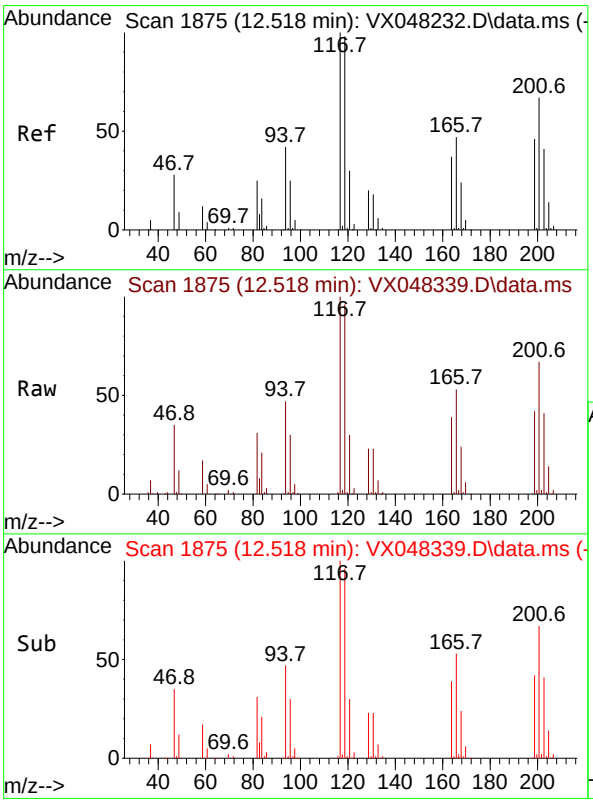
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.0 | 26.9 | 80.6 |
| 134 | 25.2 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

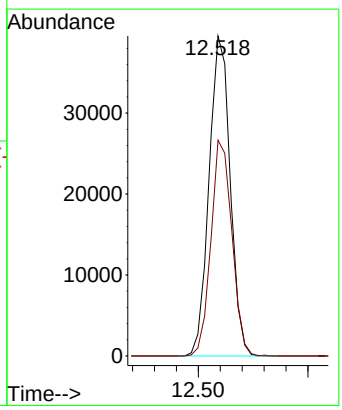
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

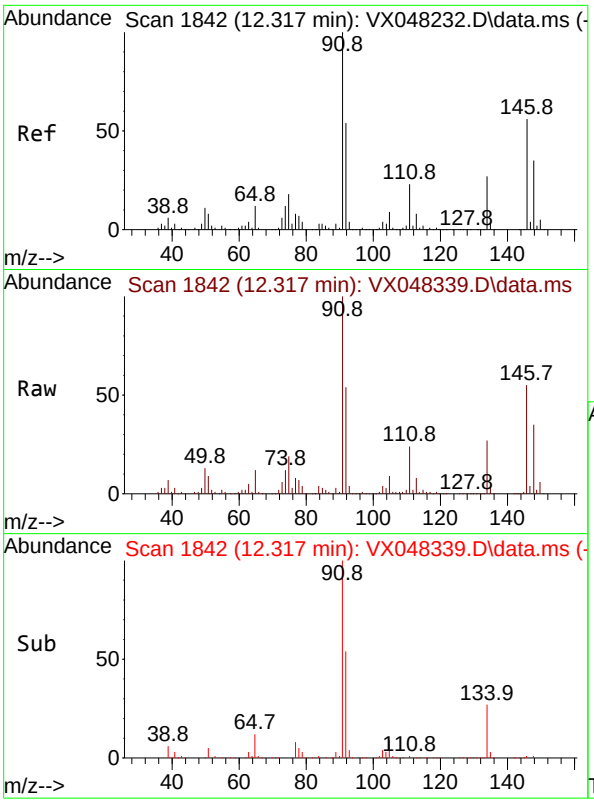



#90
Hexachloroethane
Concen: 44.242 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:117 Resp: 52745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 67.2 | 34.1 | 102.2 |

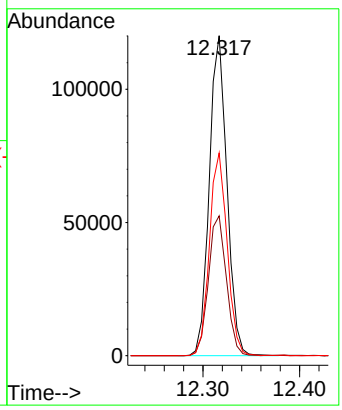





#91
1,2-Dichlorobenzene
Concen: 50.288 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:146 Resp: 15238

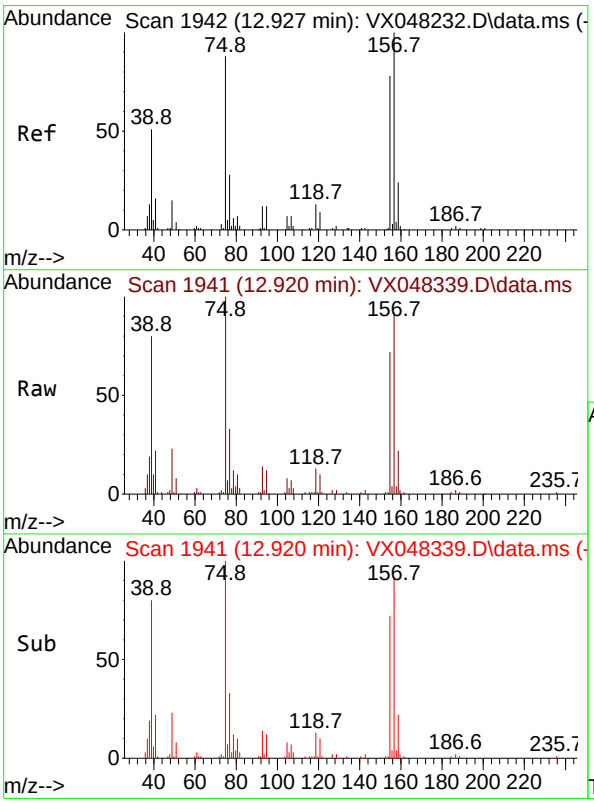
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.8 | 21.9 | 65.5 |
| 148 | 63.7 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

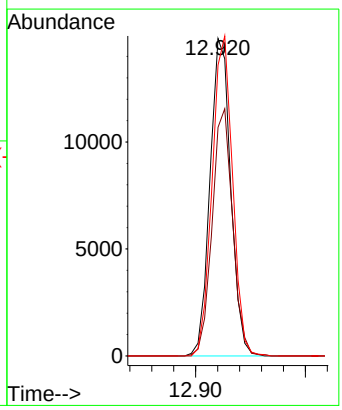
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

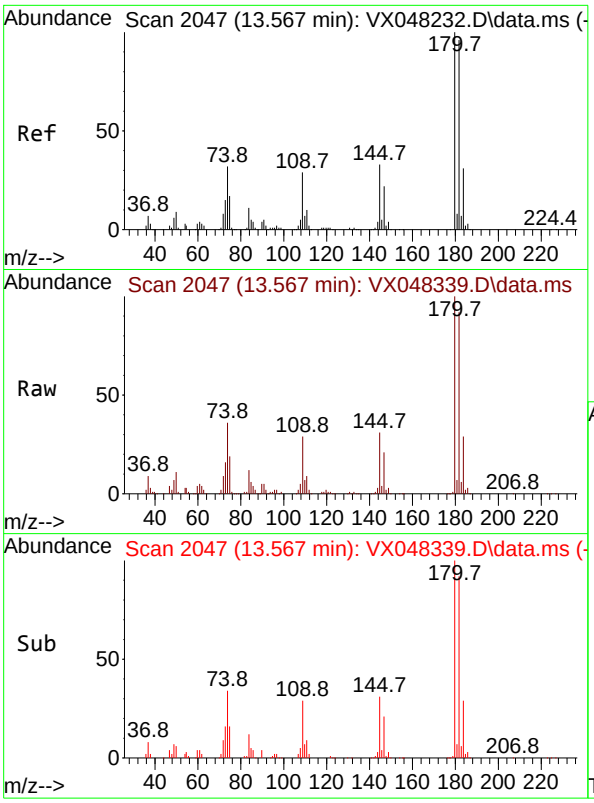



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.374 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 19444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 77.0 | 42.8 | 128.4 |
| 157 | 99.5 | 54.2 | 162.6 |

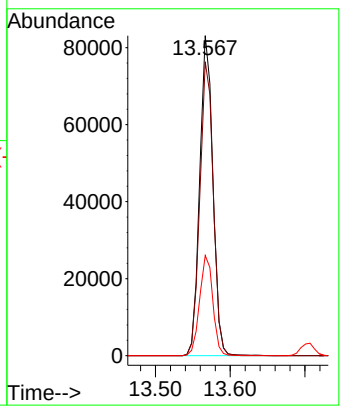





#93
1,2,4-Trichlorobenzene
Concen: 49.644 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

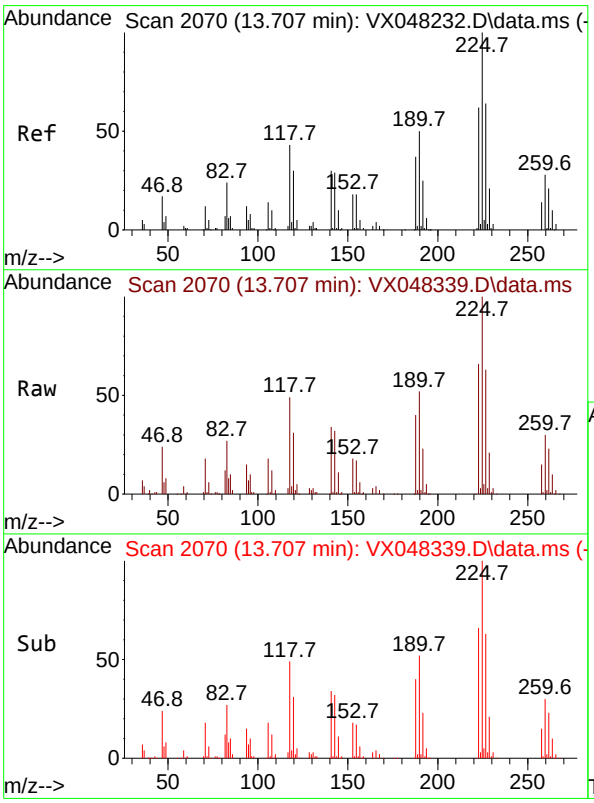
Tgt Ion:180 Resp: 10173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 47.3 | 142.0 |
| 145 | 31.4 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

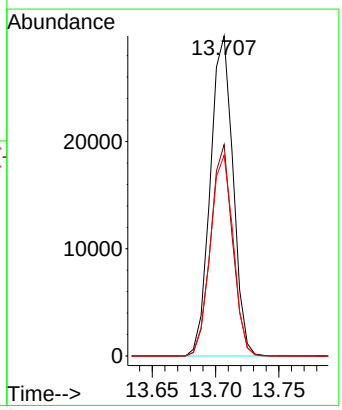
**Manual Integrations APPROVED**
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

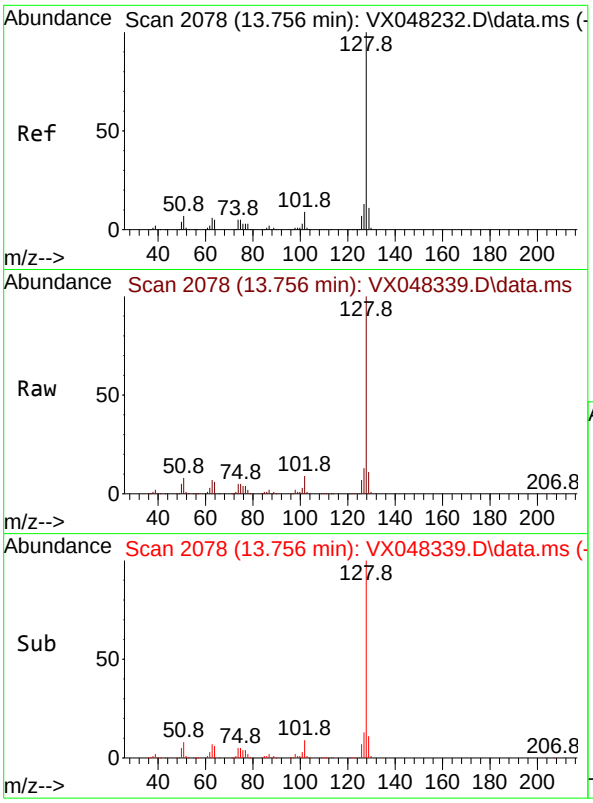



#94
Hexachlorobutadiene
Concen: 48.406 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:225 Resp: 37168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.9 | 32.6 | 97.7 |
| 227 | 63.3 | 32.5 | 97.4 |

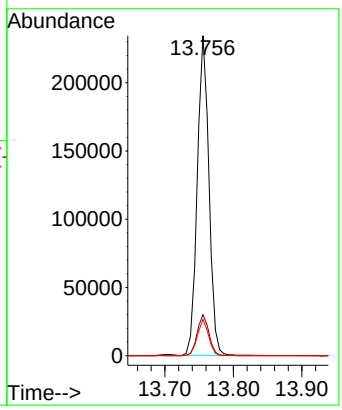





#95
Naphthalene
Concen: 51.198 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:128 Resp: 27795

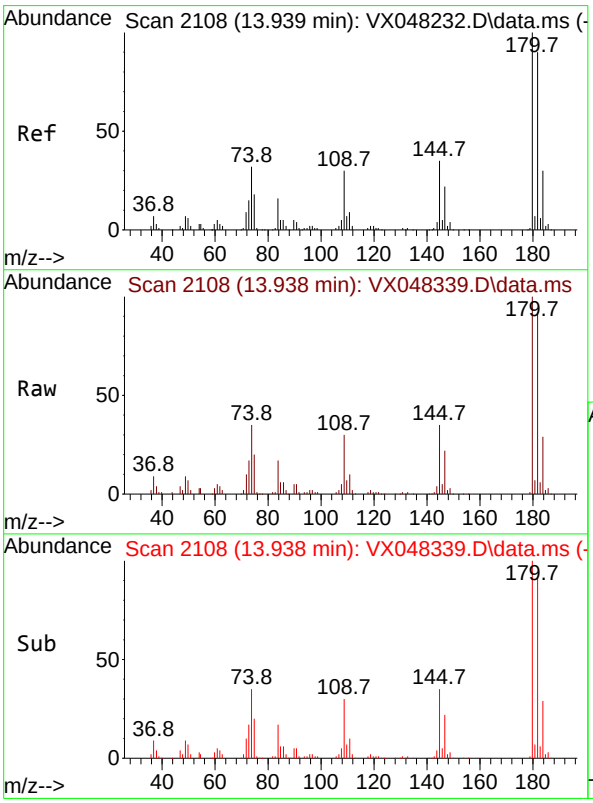
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.2 | 15.4 |
| 129 | 11.0 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations**
**APPROVED**

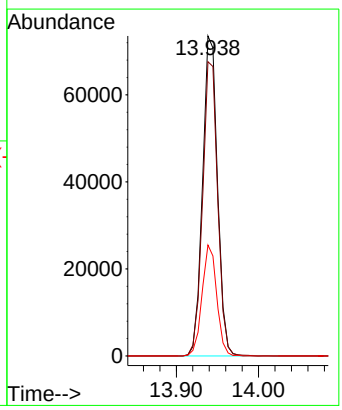
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025




#96
1,2,3-Trichlorobenzene
Concen: 49.409 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:180 Resp: 92908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.8 | 46.6 | 139.7 |
| 145 | 34.1 | 16.9 | 50.7 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 100 | -0.01 |
| 2 | T | Dichlorodifluoromethane | 0.514 | 0.473 | 8.0 | 98 | 0.00 |
| 3 | P | Chloromethane | 0.480 | 0.229 | 52.3# | 51 | 0.00 |
| 4 | C | Vinyl Chloride | 0.444 | 0.627 | -41.2# | 151# | 0.00 |
| 5 | T | Bromomethane | 0.302 | 0.247 | 18.2 | 88 | 0.00 |
| 6 | T | Chloroethane | 0.261 | 0.385 | -47.5# | 157# | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.852 | 1.083 | -27.1# | 135 | 0.00 |
| 8 | T | Diethyl Ether | 0.240 | 0.398 | -65.8# | 179# | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.540 | 0.599 | -10.9 | 120 | 0.00 |
| 10 | T | Methyl Iodide | 0.678 | 2.228 | -228.6# | 337# | 0.00 |
| 11 | T | Tert butyl alcohol | 0.070 | 0.068 | 2.9 | 110 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.525 | 0.572 | -9.0# | 119 | 0.00 |
| 13 | T | Acrolein | 0.071 | 0.112 | -57.7# | 173# | 0.00 |
| 14 | T | Allyl chloride | 0.872 | 1.012 | -16.1 | 126 | 0.00 |
| 15 | T | Acrylonitrile | 0.251 | 0.288 | -14.7 | 121 | 0.00 |
| 16 | T | Acetone | 0.240 | 0.163 | 32.1# | 81 | 0.00 |
| 17 | T | Carbon Disulfide | 1.654 | 1.568 | 5.2 | 109 | 0.00 |
| 18 | T | Methyl Acetate | 0.502 | 0.625 | -24.5 | 135 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.791 | 2.096 | -17.0 | 124 | 0.00 |
| 20 | T | Methylene Chloride | 0.586 | 0.645 | -10.1 | 117 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.577 | 0.618 | -7.1 | 116 | 0.00 |
| 22 | T | Diisopropyl ether | 1.738 | 2.240 | -28.9# | 135 | 0.00 |
| 23 | T | Vinyl Acetate | 1.389 | 1.580 | -13.8 | 118 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.051 | 1.184 | -12.7 | 122 | 0.00 |
| 25 | T | 2-Butanone | 0.304 | 0.271 | 10.9 | 97 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.949 | 1.024 | -7.9 | 117 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.673 | 0.745 | -10.7 | 120 | -0.01 |
| 28 | T | Bromochloromethane | 0.436 | 0.503 | -15.4 | 114 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.182 | 0.208 | -14.3 | 122 | -0.01 |
| 30 | C | Chloroform | 1.123 | 1.261 | -12.3# | 121 | 0.00 |
| 31 | T | Cyclohexane | 0.870 | 0.968 | -11.3 | 118 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.035 | 1.083 | -4.6 | 112 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.701 | 0.754 | -7.6 | 111 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 104 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.341 | 0.277 | 18.8 | 88 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.485 | 0.487 | -0.4 | 117 | 0.00 |
| 37 | T | Ethyl Acetate | 0.402 | 0.441 | -9.7 | 125 | -0.01 |
| 38 | T | Carbon Tetrachloride | 0.599 | 0.550 | 8.2 | 104 | 0.00 |
| 39 | T | Methylcyclohexane | 0.573 | 0.580 | -1.2 | 112 | 0.00 |
| 40 | TM | Benzene | 1.409 | 1.480 | -5.0 | 119 | 0.00 |
| 41 | T | Methacrylonitrile | 0.211 | 0.241 | -14.2 | 123 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.520 | 0.592 | -13.8 | 123 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.661 | 0.777 | -17.5 | 128 | 0.00 |
| 44 | TM | Trichloroethene | 0.372 | 0.374 | -0.5 | 112 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.335 | 0.378 | -12.8# | 123 | 0.00 |
| 46 | T | Dibromomethane | 0.261 | 0.280 | -7.3 | 118 | 0.00 |
| 47 | T | Bromodichloromethane | 0.563 | 0.596 | -5.9 | 116 | 0.00 |
| 48 | T | Methyl methacrylate | 0.333 | 0.395 | -18.6 | 128 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.004 | 0.004 | 0.0 | 102 | 0.00 |
| 50 | S | Toluene-d8 | 1.196 | 1.133 | 5.3 | 100 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.381 | 0.433 | -13.6 | 120 | 0.00 |
| 52 | CM | Toluene | 0.895 | 0.919 | -2.7# | 111 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.543 | 0.557 | -2.6 | 107 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.586 | 0.572 | 2.4 | 104 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.333 | 0.360 | -8.1 | 117 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.487 | 0.536 | -10.1 | 114 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.568 | 0.614 | -8.1 | 117 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.232 | 0.314 | -35.3# | 126 | 0.00 |
| 59 | T | 2-Hexanone | 0.266 | 0.273 | -2.6 | 107 | 0.00 |
| 60 | T | Dibromochloromethane | 0.447 | 0.437 | 2.2 | 107 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.355 | 0.371 | -4.5 | 113 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.455 | 0.434 | 4.6 | 102 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 102 | 0.00 |
| 64 | T | Tetrachloroethene | 0.373 | 0.372 | 0.3 | 116 | 0.00 |
| 65 | PM | Chlorobenzene | 1.125 | 1.142 | -1.5 | 111 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.413 | 0.410 | 0.7 | 107 | 0.00 |
| 67 | C | Ethyl Benzene | 1.915 | 1.964 | -2.6# | 110 | 0.00 |
| 68 | T | m/p-Xylenes | 0.712 | 0.745 | -4.6 | 110 | 0.00 |
| 69 | T | o-Xylene | 0.687 | 0.721 | -4.9 | 110 | 0.00 |
| 70 | T | Styrene | 1.170 | 1.257 | -7.4 | 112 | 0.00 |
| 71 | P | Bromoform | 0.330 | 0.310 | 6.1 | 102 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 73 | T | Isopropylbenzene | 3.652 | 3.736 | -2.3 | 110 | 0.00 |
| 74 | T | N-amyl acetate | 1.295 | 1.570 | -21.2 | 127 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.997 | 1.025 | -2.8 | 109 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.811 | 0.832 | -2.6 | 114 | 0.00 |
| 77 | T | Bromobenzene | 0.916 | 0.947 | -3.4 | 111 | 0.00 |
| 78 | T | n-propylbenzene | 4.228 | 4.497 | -6.4 | 113 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.564 | 2.670 | -4.1 | 112 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.022 | 3.096 | -2.4 | 109 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.333 | 0.240 | 27.9# | 77 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.043 | 3.195 | -5.0 | 112 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.105 | 3.106 | -0.0 | 107 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.016 | 3.120 | -3.4 | 110 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.736 | 3.804 | -1.8 | 110 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.229 | 3.218 | 0.3 | 109 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.726 | 1.729 | -0.2 | 112 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.788 | 1.756 | 1.8 | 112 | 0.00 |
| 89 | T | n-Butylbenzene | 2.939 | 2.986 | -1.6 | 115 | 0.00 |
| 90 | T | Hexachloroethane | 0.638 | 0.564 | 11.6 | 100 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.621 | 1.630 | -0.6 | 110 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.202 | 0.208 | -3.0 | 108 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.096 | 1.088 | 0.7 | 114 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.507 | 0.398 | 21.5 | 107 | 0.00 |
| 95 | T | Naphthalene | 2.904 | 2.973 | -2.4 | 108 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 1.006 | 0.994 | 1.2 | 110 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 100 | -0.01 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 45.970 | 8.1 | 98 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 23.900 | 52.2# | 51 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 70.590 | -41.2# | 151 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 40.909 | 18.2 | 88 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 73.704 | -47.4# | 157 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 63.576 | -27.2# | 135 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 82.980 | -66.0# | 179 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 55.546 | -11.1 | 120 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 164.198 | -228.4# | 337 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 244.130 | 2.3 | 110 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 54.527 | -9.1# | 119 | 0.00 |
| 13 | T | Acrolein | 250.000 | 394.484 | -57.8# | 173 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 58.086 | -16.2 | 126 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 287.081 | -14.8 | 121 | 0.00 |
| 16 | T | Acetone | 250.000 | 169.814 | 32.1# | 81 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 47.388 | 5.2 | 109 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 62.192 | -24.4 | 135 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 58.527 | -17.1 | 124 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 55.018 | -10.0 | 117 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 53.552 | -7.1 | 116 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 64.418 | -28.8# | 135 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 284.432 | -13.8 | 118 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 56.341 | -12.7 | 122 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 222.811 | 10.9 | 97 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 53.987 | -8.0 | 117 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 55.383 | -10.8 | 120 | -0.01 |
| 28 | T | Bromochloromethane | 50.000 | 57.651 | -15.3 | 114 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 284.809 | -13.9 | 122 | -0.01 |
| 30 | C | Chloroform | 50.000 | 56.158 | -12.3# | 121 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 55.630 | -11.3 | 118 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 52.310 | -4.6 | 112 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 53.755 | -7.5 | 111 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 104 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 40.612 | 18.8 | 88 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 50.154 | -0.3 | 117 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 54.873 | -9.7 | 125 | -0.01 |
| 38 | T | Carbon Tetrachloride | 50.000 | 45.939 | 8.1 | 104 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 50.618 | -1.2 | 112 | 0.00 |
| 40 | TM | Benzene | 50.000 | 52.544 | -5.1 | 119 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 57.081 | -14.2 | 123 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 56.900 | -13.8 | 123 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 58.836 | -17.7 | 128 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 50.249 | -0.5 | 112 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 56.442 | -12.9# | 123 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 53.679 | -7.4 | 118 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 52.892 | -5.8 | 116 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 59.262 | -18.5 | 128 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 986.597 | 1.3 | 102 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 47.331 | 5.3 | 100 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 284.549 | -13.8 | 120 | 0.00 |
| 52 | CM | Toluene | 50.000 | 51.366 | -2.7# | 111 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 51.329 | -2.7 | 107 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 48.835 | 2.3 | 104 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 54.053 | -8.1 | 117 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 55.026 | -10.1 | 114 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 54.042 | -8.1 | 117 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 299.294 | -19.7 | 126 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 256.864 | -2.7 | 107 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 48.803 | 2.4 | 107 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 52.241 | -4.5 | 113 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 47.668 | 4.7 | 102 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 102 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.893 | 0.2 | 116 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.756 | -1.5 | 111 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 49.657 | 0.7 | 107 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 51.279 | -2.6# | 110 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 104.665 | -4.7 | 110 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 52.509 | -5.0 | 110 | 0.00 |
| 70 | T | Styrene | 50.000 | 53.739 | -7.5 | 112 | 0.00 |
| 71 | P | Bromoform | 50.000 | 46.878 | 6.2 | 102 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 101 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 51.150 | -2.3 | 110 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 60.589 | -21.2 | 127 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 51.376 | -2.8 | 109 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 51.283 | -2.6 | 114 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 51.716 | -3.4 | 111 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 53.181 | -6.4 | 113 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 52.073 | -4.1 | 112 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 51.224 | -2.4 | 109 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 35.976 | 28.0# | 77 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 52.497 | -5.0 | 112 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 50.006 | -0.0 | 107 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 51.728 | -3.5 | 110 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 50.910 | -1.8 | 110 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 49.821 | 0.4 | 109 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 50.069 | -0.1 | 112 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 49.095 | 1.8 | 112 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 50.804 | -1.6 | 115 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 44.242 | 11.5 | 100 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 50.288 | -0.6 | 110 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 51.374 | -2.7 | 108 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 49.644 | 0.7 | 114 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 48.406 | 3.2 | 107 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 51.198 | -2.4 | 108 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 49.409 | 1.2 | 110 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_X | Calibration Date/Time: 10/24/2025 15:49

Lab File ID: VX048353.D | Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 10:59 13:49

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Vinyl Chloride | 0.444 | 0.606 | | 36.49 | 50 |
| 1,1-Dichloroethene | 0.525 | 0.541 | | 3.05 | 50 |
| 2-Butanone | 0.304 | 0.265 | | -12.83 | 50 |
| Carbon Tetrachloride | 0.599 | 0.525 | | -12.35 | 50 |
| Chloroform | 1.123 | 1.134 | | 0.98 | 50 |
| Benzene | 1.409 | 1.352 | | -4.05 | 50 |
| 1,2-Dichloroethane | 0.520 | 0.518 | | -0.38 | 50 |
| Trichloroethene | 0.372 | 0.346 | | -6.99 | 50 |
| Tetrachloroethene | 0.373 | 0.355 | | -4.83 | 50 |
| Chlorobenzene | 1.125 | 1.054 | 0.3 | -6.31 | 50 |
| 1,2-Dichloroethane-d4 | 0.701 | 0.681 | | -2.85 | 50 |
| Dibromofluoromethane | 0.341 | 0.269 | | -21.11 | 50 |
| Toluene-d8 | 1.196 | 1.117 | | -6.61 | 50 |
| 4-Bromofluorobenzene | 0.455 | 0.412 | | -9.45 | 50 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.537 | 168 | 137837 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 230908 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 201897 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 101580 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 93855 | 48.565 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 97.120% | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 62140 | 39.419 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 78.840% | | | |
| 50) Toluene-d8 | 8.634 | 98 | 257823 | 46.661 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 93.320% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 95120 | 45.251 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 90.500% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 62926 | 44.408 | ug/l | 99 |
| 3) Chloromethane | 1.300 | 50 | 31755 | 24.009 | ug/l | 97 |
| 4) Vinyl Chloride | 1.380 | 62 | 83473 | 68.154 | ug/l | 99 |
| 5) Bromomethane | 1.617 | 94 | 29188 | 35.116 | ug/l | 99 |
| 6) Chloroethane | 1.697 | 64 | 50231 | 69.795 | ug/l | 97 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 143311 | 61.011 | ug/l | 99 |
| 8) Diethyl Ether | 2.136 | 74 | 47003 | 71.117 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 77462 | 52.078 | ug/l | 98 |
| 10) Methyl Iodide | 2.459 | 142 | 271342 | 145.110 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.934 | 59 | 36075 | 188.008 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 74594 | 51.547 | ug/l | 99 |
| 13) Acrolein | 2.233 | 56 | 59385 | 303.455 | ug/l | 99 |
| 14) Allyl chloride | 2.666 | 41 | 126438 | 52.626 | ug/l | 96 |
| 15) Acrylonitrile | 3.056 | 53 | 165690 | 239.471 | ug/l | 99 |
| 16) Acetone | 2.373 | 43 | 128465 | 193.768 | ug/l | 97 |
| 17) Carbon Disulfide | 2.520 | 76 | 202530 | 44.407 | ug/l | 100 |
| 18) Methyl Acetate | 2.697 | 43 | 70947 | 51.241 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 242830 | 49.188 | ug/l | 99 |
| 20) Methylene Chloride | 2.788 | 84 | 78803 | 48.781 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 77645 | 48.846 | ug/l | 95 |
| 22) Diisopropyl ether | 3.751 | 45 | 271845 | 56.729 | ug/l | 96 |
| 23) Vinyl Acetate | 3.715 | 43 | 939179 | 245.353 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 150722 | 52.017 | ug/l | 99 |
| 25) 2-Butanone | 4.538 | 43 | 182514 | 217.495 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.471 | 77 | 131948 | 50.451 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 92543 | 49.885 | ug/l | 97 |
| 28) Bromochloromethane | 4.891 | 49 | 63375 | 52.749 | ug/l | 98 |
| 29) Tetrahydrofuran | 4.989 | 42 | 120176 | 239.119 | ug/l | 98 |
| 30) Chloroform | 5.080 | 83 | 156317 | 50.495 | ug/l | 97 |
| 31) Cyclohexane | 5.458 | 56 | 129162 | 53.842 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.379 | 97 | 140509 | 49.248 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 103893 | 46.369 | ug/l | 99 |
| 37) Ethyl Acetate | 4.696 | 43 | 94821 | 51.057 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.665 | 117 | 121202 | 43.846 | ug/l | 99 |
| 39) Methylcyclohexane | 7.366 | 83 | 131596 | 49.732 | ug/l | 96 |
| 40) Benzene | 6.025 | 78 | 312187 | 47.991 | ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.903 | 41 | 48739 | 49.974 ug/l | | 99 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 119697 | 49.865 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.318 | 43 | 152346 | 49.940 ug/l | | 99 |
| 44) Trichloroethene | 7.110 | 130 | 79852 | 46.488 ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 78729 | 50.904 ug/l | | 95 |
| 46) Dibromomethane | 7.568 | 93 | 56015 | 46.488 ug/l | | 98 |
| 47) Bromodichloromethane | 7.805 | 83 | 122472 | 47.075 ug/l | | 99 |
| 48) Methyl methacrylate | 7.677 | 41 | 77157 | 50.123 ug/l | | 97 |
| 49) 1,4-Dioxane | 7.641 | 88 | 15616 | 767.869 ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 427244 | 242.909 ug/l | | 98 |
| 52) Toluene | 8.702 | 92 | 195954 | 47.417 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 111521 | 44.482 ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 115185 | 42.583 ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 70725 | 46.020 ug/l | | 99 |
| 56) Ethyl methacrylate | 9.098 | 69 | 106860 | 47.538 ug/l | | 97 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 124600 | 47.465 ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 299785 | 248.040 ug/l | | 100 |
| 59) 2-Hexanone | 9.415 | 43 | 289819 | 236.310 ug/l | | 99 |
| 60) Dibromochloromethane | 9.506 | 129 | 88240 | 42.719 ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 72202 | 44.069 ug/l | | 99 |
| 64) Tetrachloroethene | 9.256 | 164 | 71595 | 47.502 ug/l | | 97 |
| 65) Chlorobenzene | 10.061 | 112 | 212798 | 46.854 ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 75776 | 45.425 ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 378873 | 48.997 ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 282564 | 98.351 ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 134320 | 48.426 ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 231504 | 49.017 ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 52852 | 39.641 ug/l | # | 98 |
| 73) Isopropylbenzene | 10.945 | 105 | 359740 | 48.486 ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 136716 | 51.949 ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 89239 | 44.044 ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 81364m | 49.393 ug/l | | |
| 77) Bromobenzene | 11.183 | 156 | 84698 | 45.528 ug/l | | 99 |
| 78) n-propylbenzene | 11.286 | 91 | 433271 | 50.437 ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 251854 | 48.357 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 297431 | 48.442 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 19309 | 28.518 ug/l | # | 75 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 300933 | 48.674 ug/l | | 100 |
| 83) tert-Butylbenzene | 11.695 | 119 | 303155 | 48.055 ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.731 | 105 | 297974 | 48.628 ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 377937 | 49.795 ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 319358 | 48.680 ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 157580 | 44.932 ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 158565 | 43.644 ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 304622 | 51.016 ug/l | | 100 |
| 90) Hexachloroethane | 12.518 | 117 | 55291 | 42.679 ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 147165 | 44.694 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.926 | 75 | 17860 | 43.426 ug/l | | 92 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 101661 | 45.654 ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 42413 | 50.828 ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 262366 | 44.472 ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.938 | 180 | 93463 | 45.740 ug/l | | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

| 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\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
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**ClientSampleId :**
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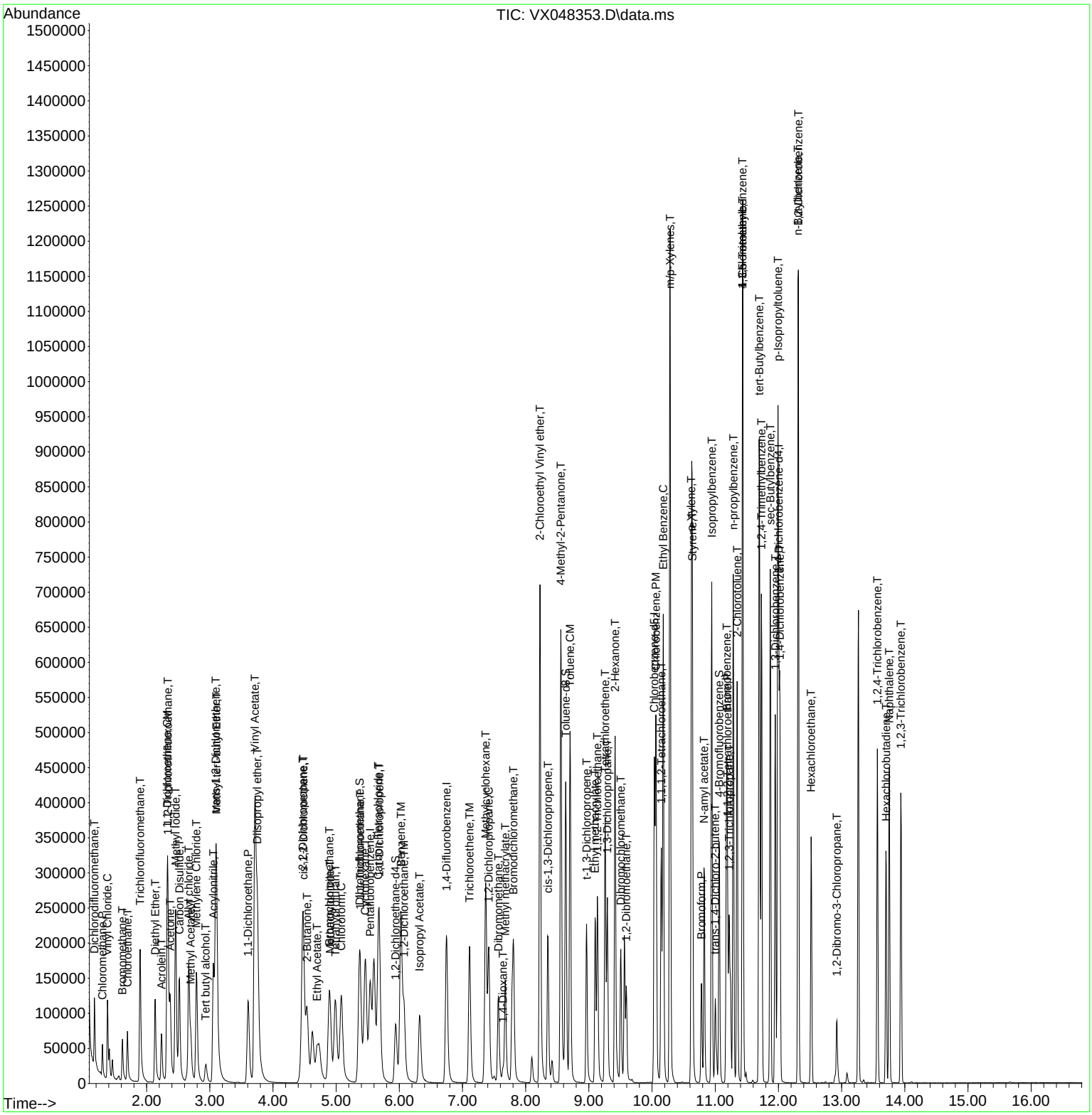
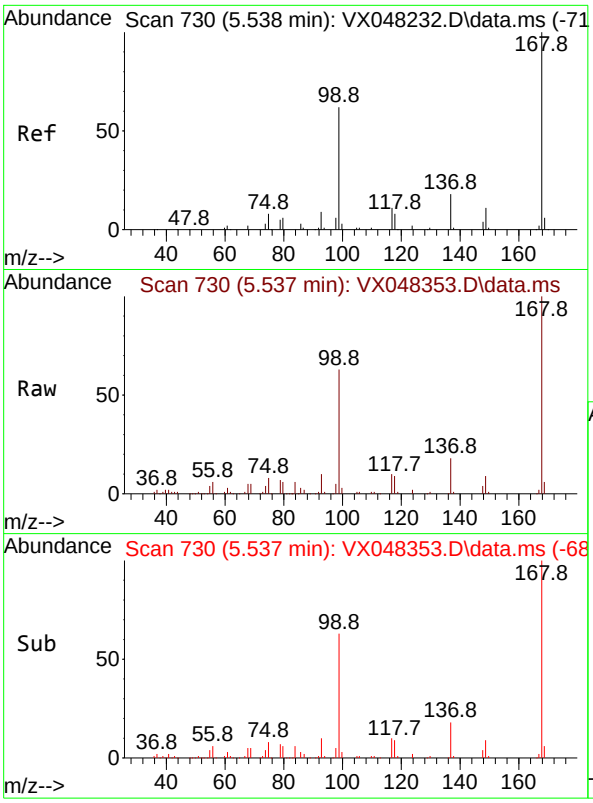
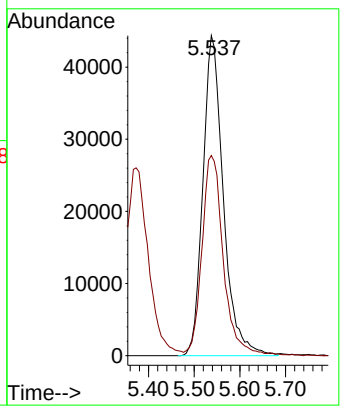





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:168 Resp: 13783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 62.0 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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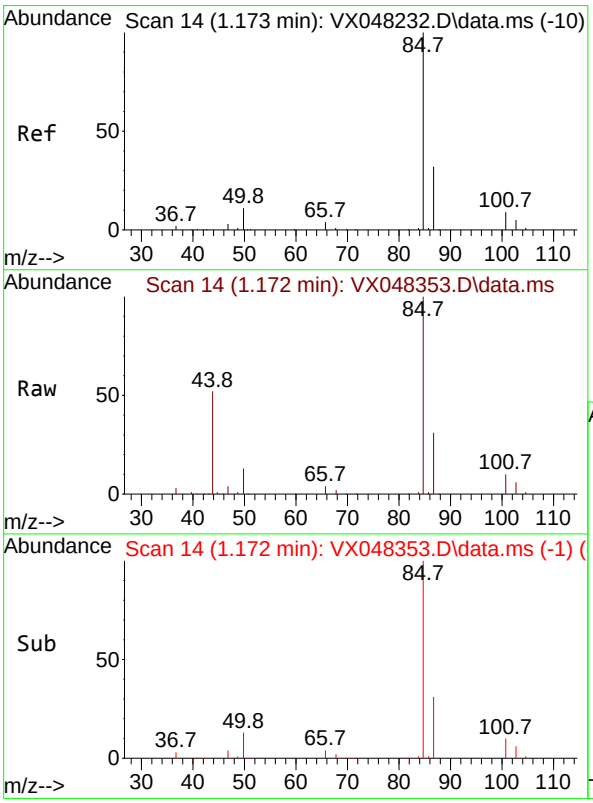
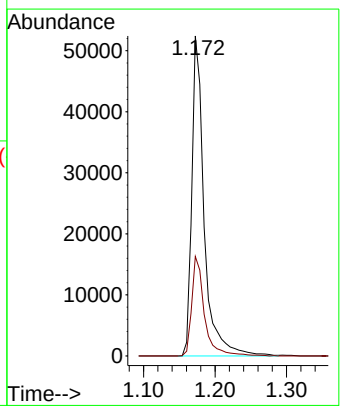
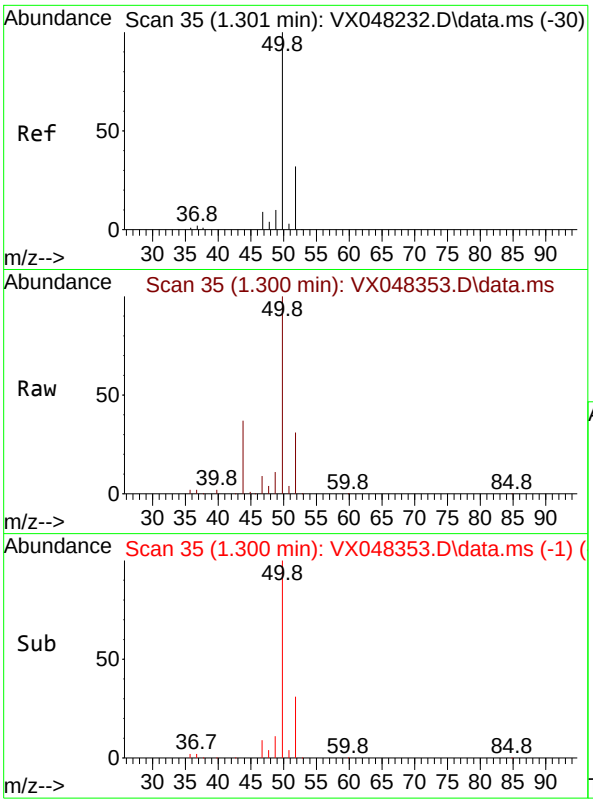



#2
Dichlorodifluoromethane
Concen: 44.408 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 85 Resp: 62926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.1 | 15.3 | 45.9 |

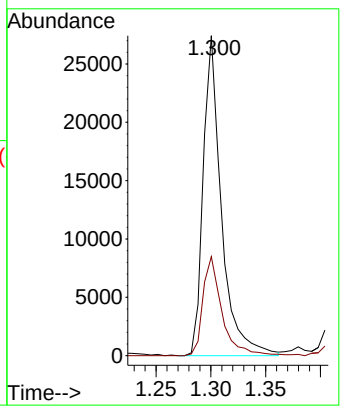





#3
Chloromethane
Concen: 24.009 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 50 Resp: 3175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.0 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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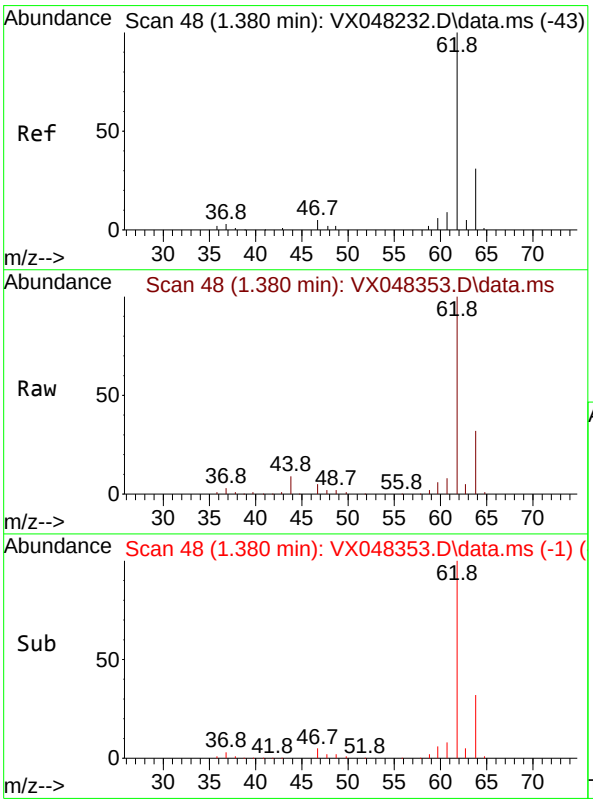
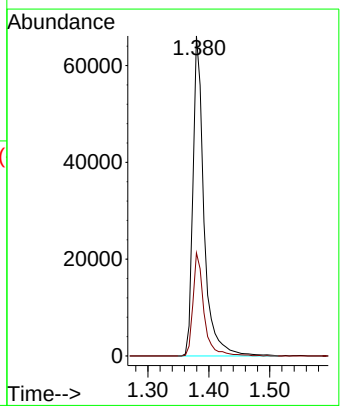
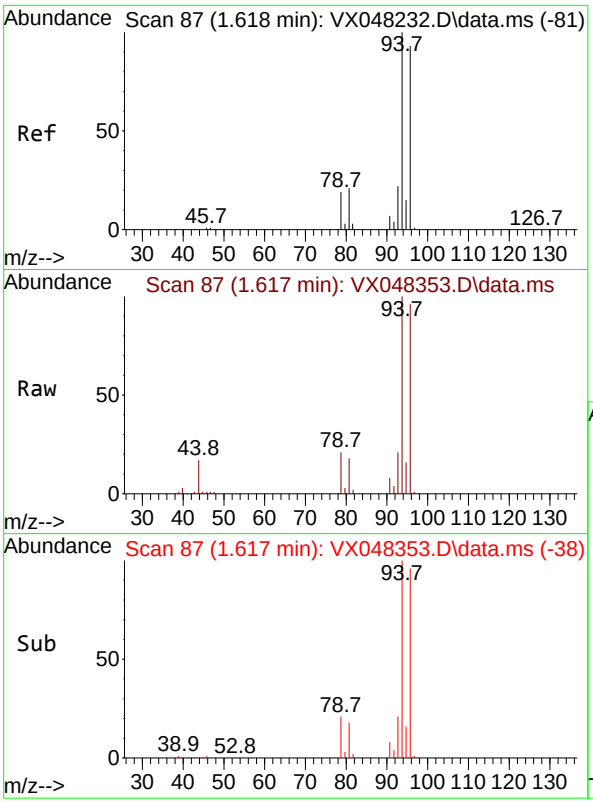



#4
Vinyl Chloride
Concen: 68.154 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 62 Resp: 83473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.2 | 25.1 | 37.7 |

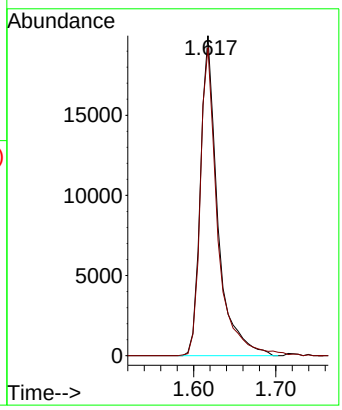





#5
Bromomethane
Concen: 35.116 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 94 Resp: 2918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.3 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

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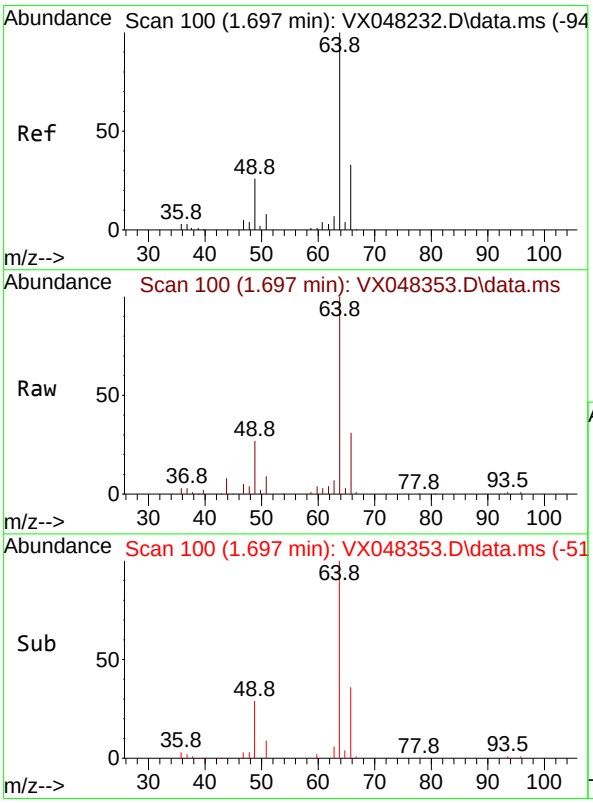
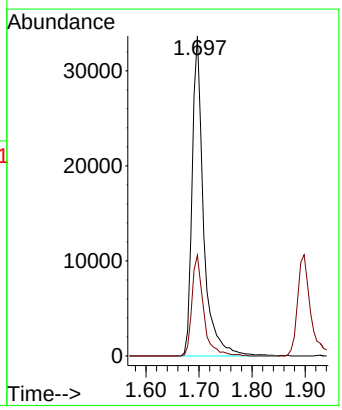
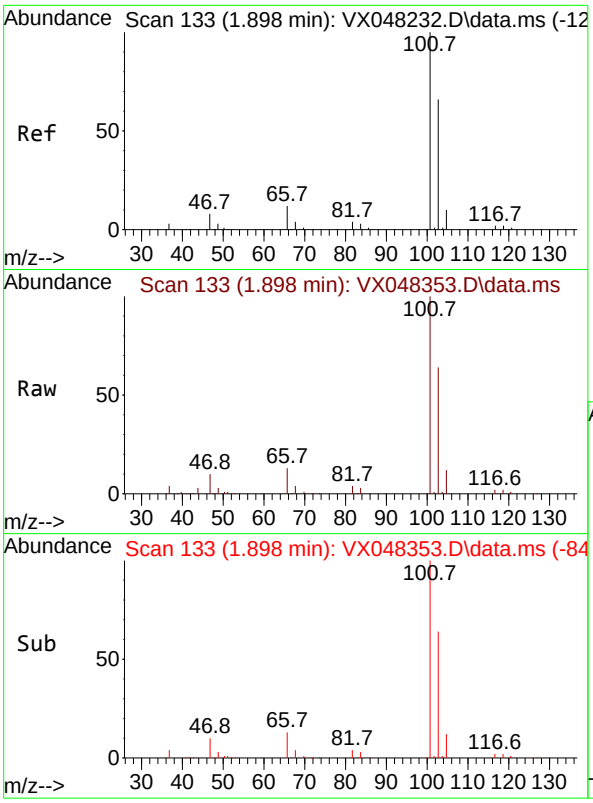



#6
Chloroethane
Concen: 69.795 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 64 Resp: 50231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.5 | 23.9 | 35.9 |

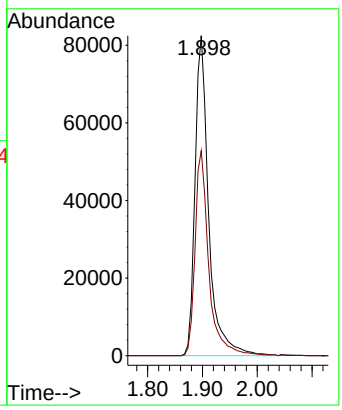





#7
Trichlorofluoromethane
Concen: 61.011 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:101 Resp: 14331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.1 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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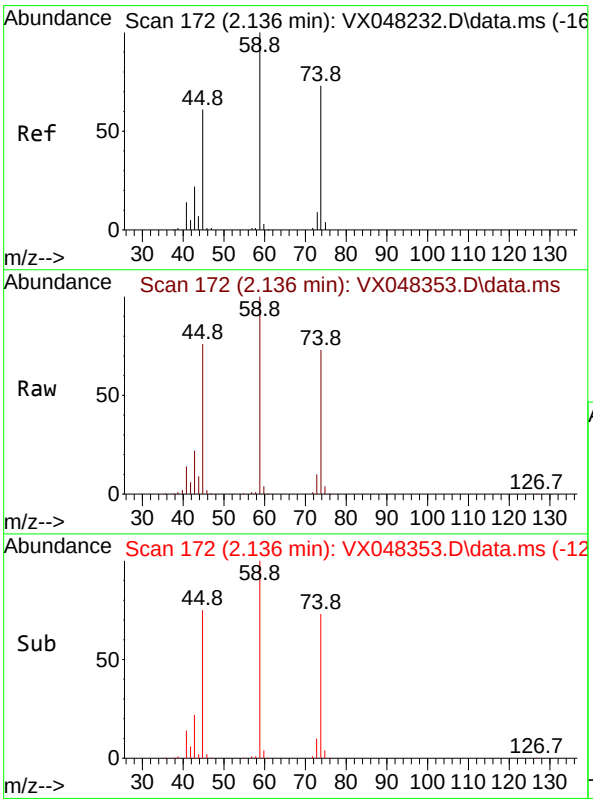
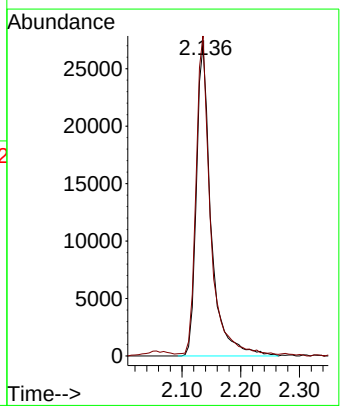
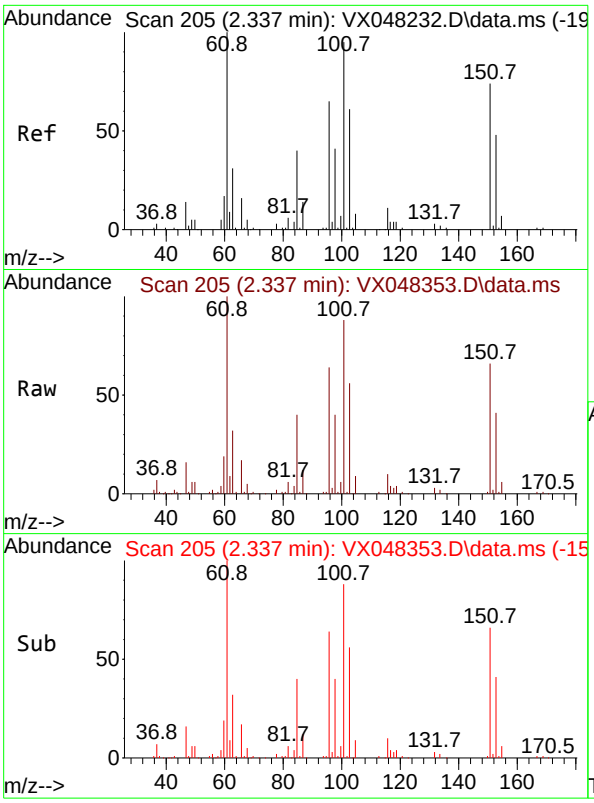



#8
Diethyl Ether
Concen: 71.117 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 74 Resp: 47003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 101.0 | 50.0 | 149.8 |






#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.078 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:101 Resp: 7746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.6 | 35.6 | 53.4 |
| 151 | 74.8 | 58.0 | 87.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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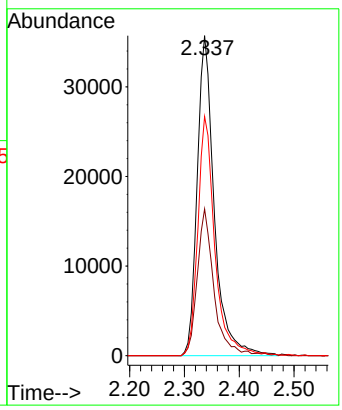
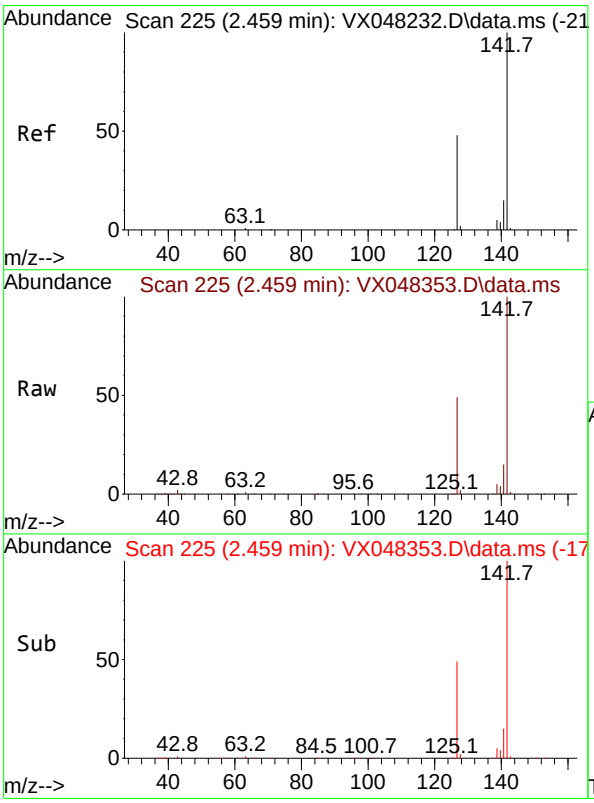
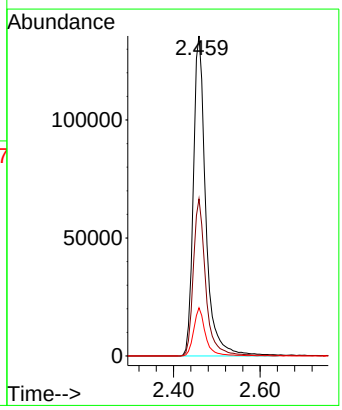


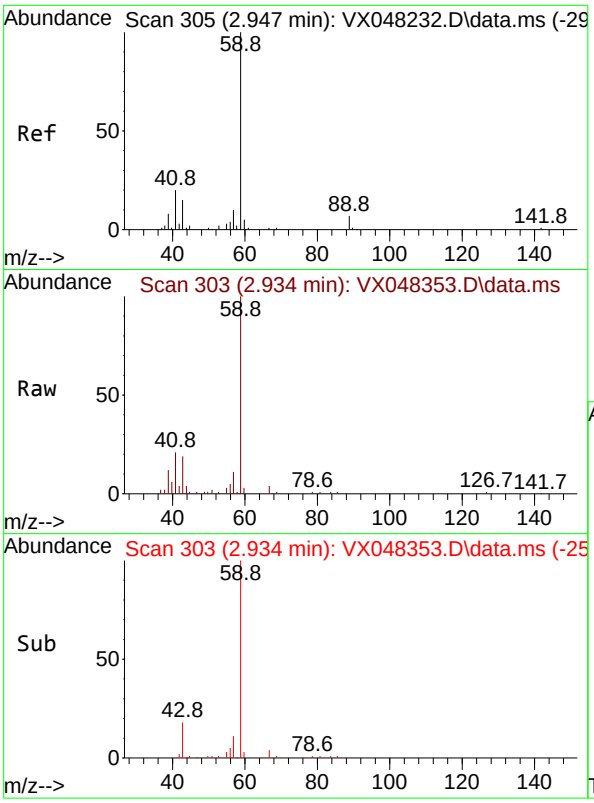




#10
Methyl Iodide
Concen: 145.110 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:142 Resp: 271342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.7 | 38.5 | 57.7 |
| 141 | 14.3 | 11.6 | 17.4 |

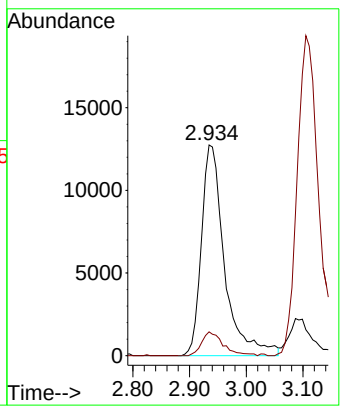





#11
Tert butyl alcohol
Concen: 188.008 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 59 Resp: 3607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.6 | 8.2 | 12.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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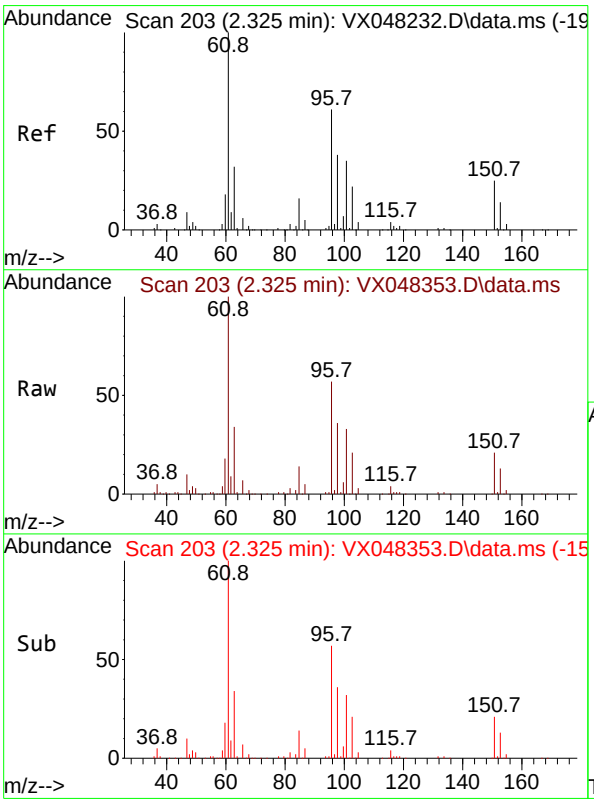
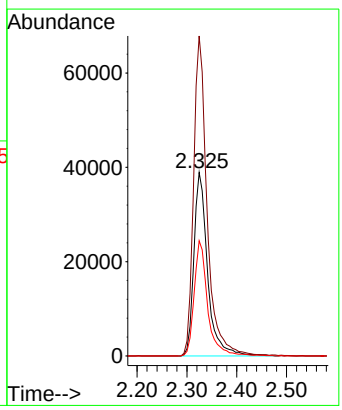
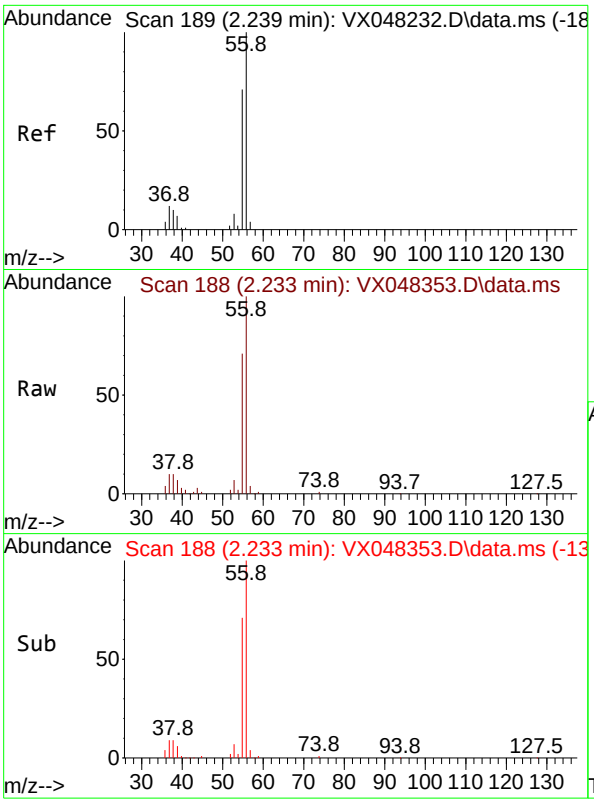



#12
1,1-Dichloroethene
Concen: 51.547 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 96 Resp: 74594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 174.4 | 139.0 | 208.6 |
| 98 | 62.8 | 52.4 | 78.6 |

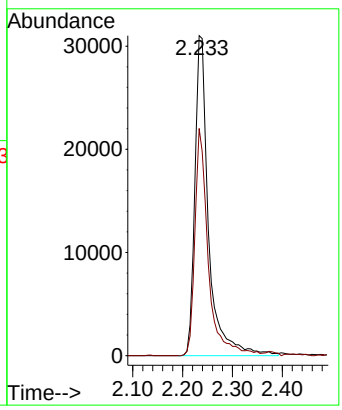





#13
Acrolein
Concen: 303.455 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 56 Resp: 5938

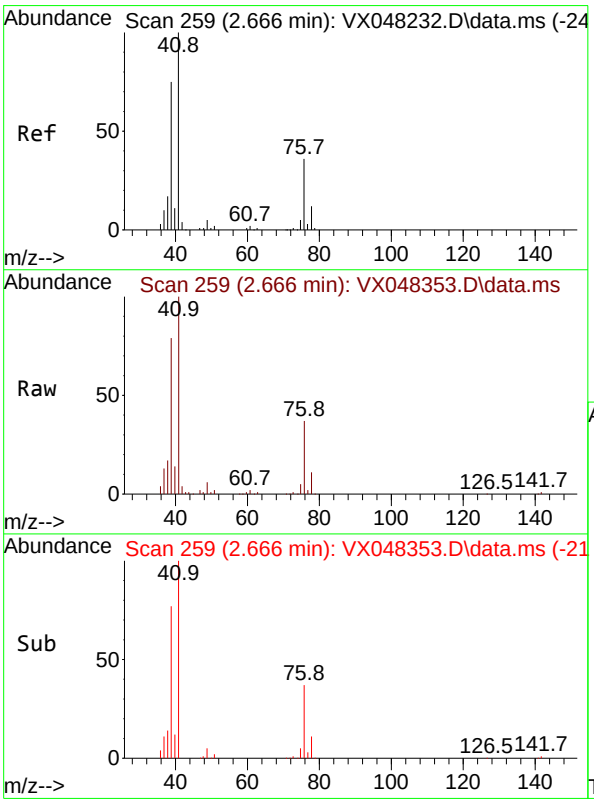
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.0 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

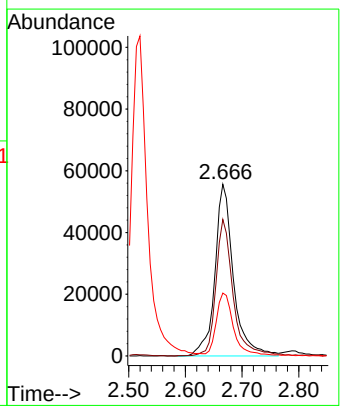
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

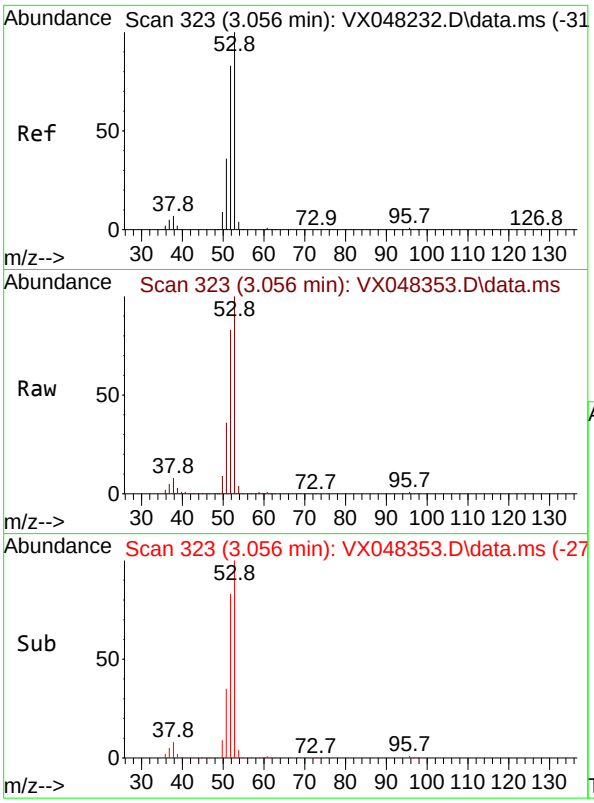



#14
Allyl chloride
Concen: 52.626 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 41 Resp: 126438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 74.3 | 56.0 | 84.0 |
| 76 | 33.2 | 27.5 | 41.3 |

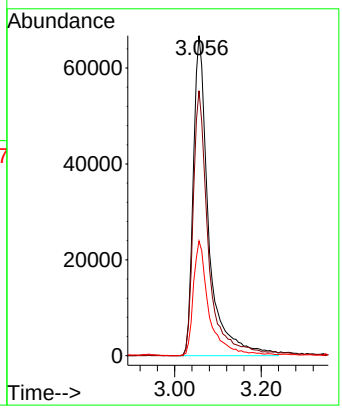





#15
Acrylonitrile
Concen: 239.471 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 53 Resp: 16569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.3 | 66.1 | 99.1 |
| 51 | 36.6 | 29.0 | 43.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
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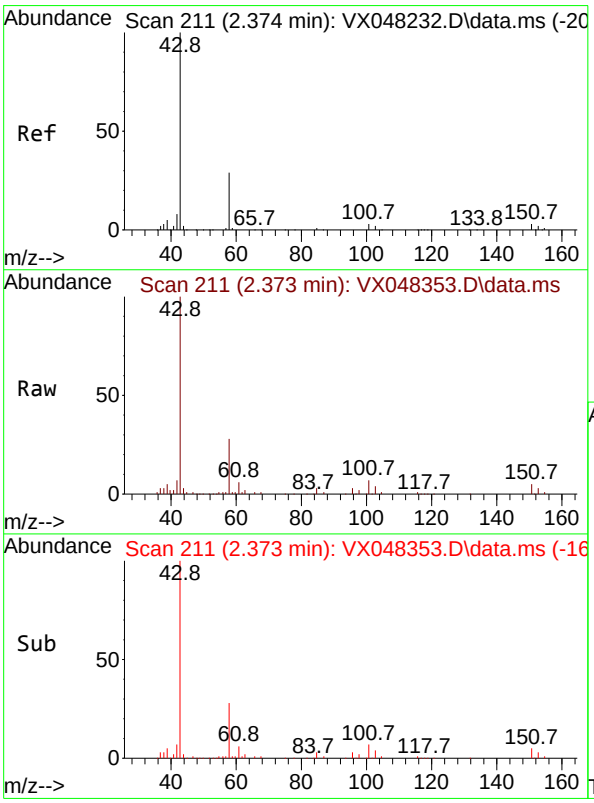
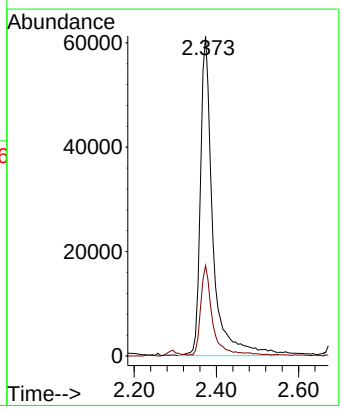
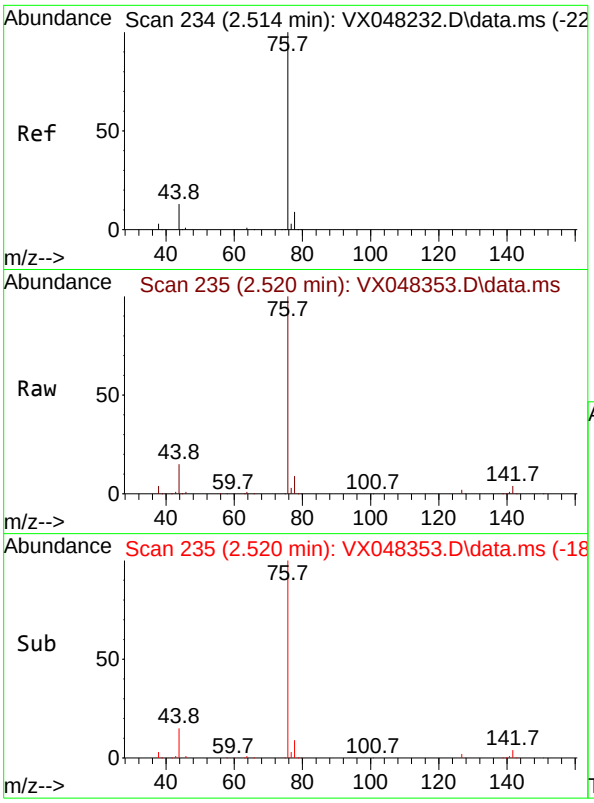



#16
Acetone
Concen: 193.768 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 128465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.9 | 23.4 | 35.2 |

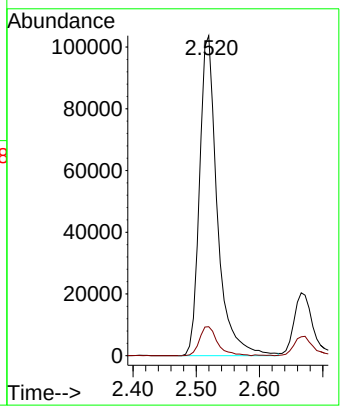





#17
Carbon Disulfide
Concen: 44.407 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 76 Resp: 20253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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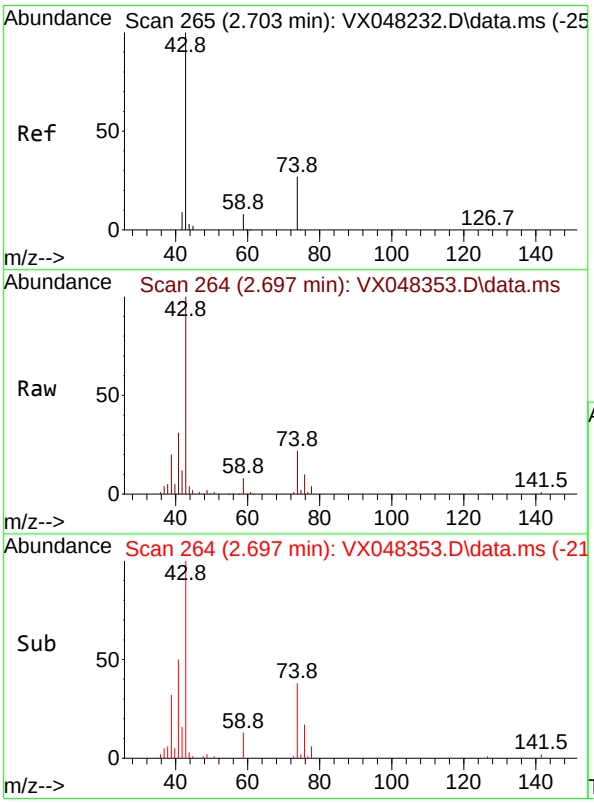
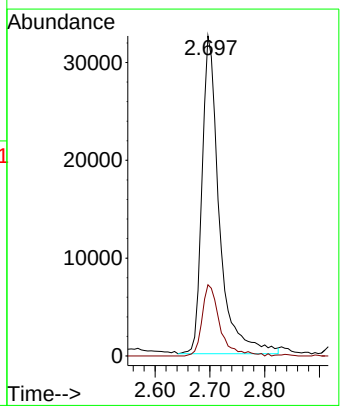
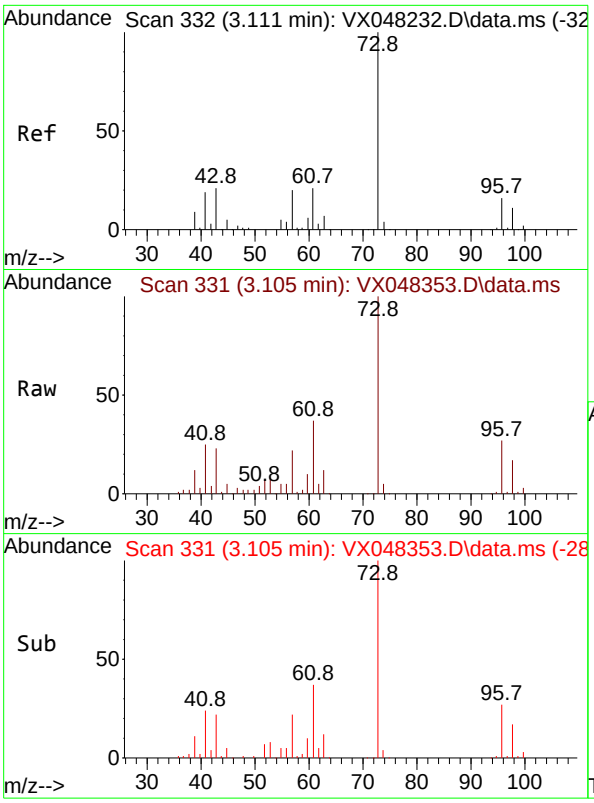



#18
Methyl Acetate
Concen: 51.241 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 70947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.2 | 17.5 | 26.3 |

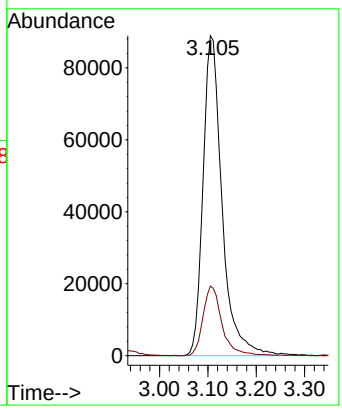





#19
Methyl tert-butyl Ether
Concen: 49.188 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 73 Resp: 24283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.8 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
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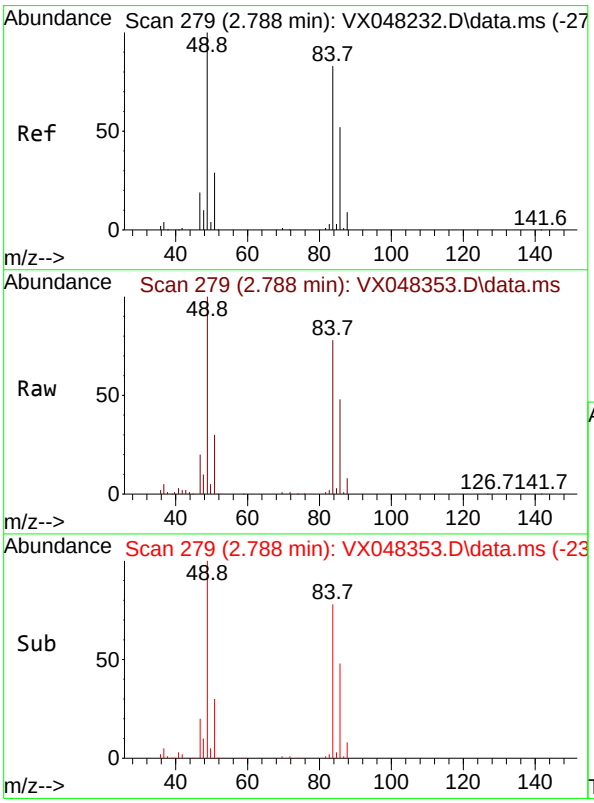
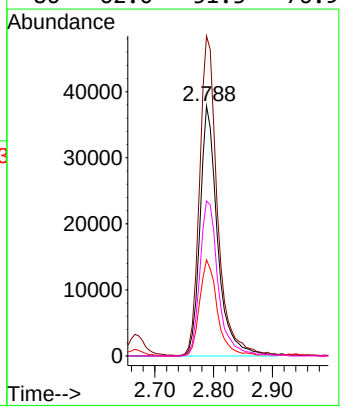
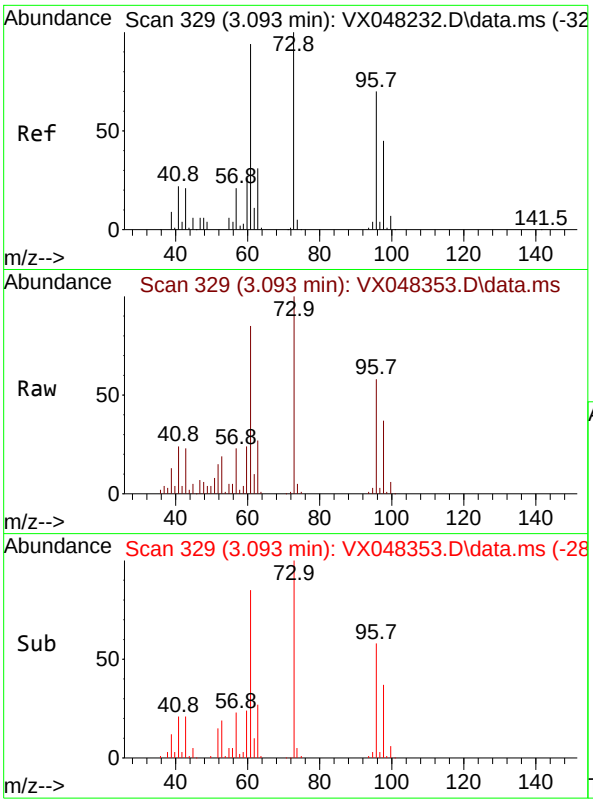



#20
Methylene Chloride
Concen: 48.781 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 84 Resp: 78803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 127.8 | 104.1 | 156.1 |
| 51 | 38.5 | 31.3 | 46.9 |
| 86 | 62.0 | 51.3 | 76.9 |

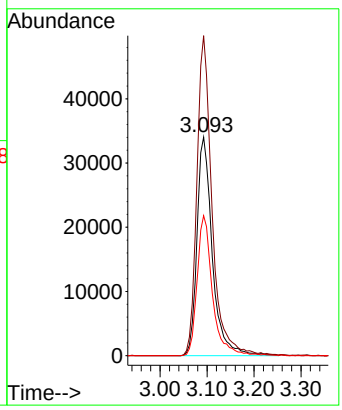





#21
trans-1,2-Dichloroethene
Concen: 48.846 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 96 Resp: 7764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.4 | 111.9 | 167.9 |
| 98 | 66.3 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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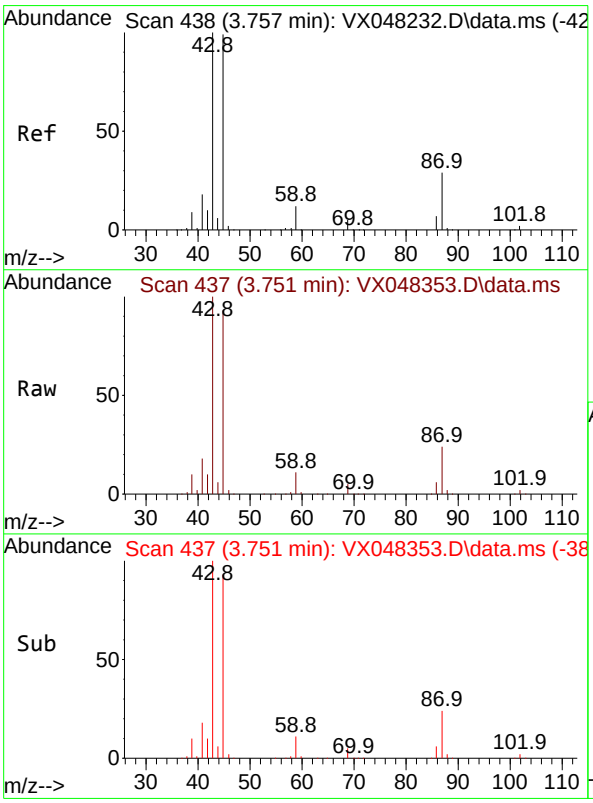
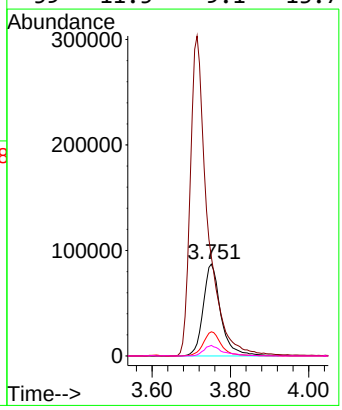
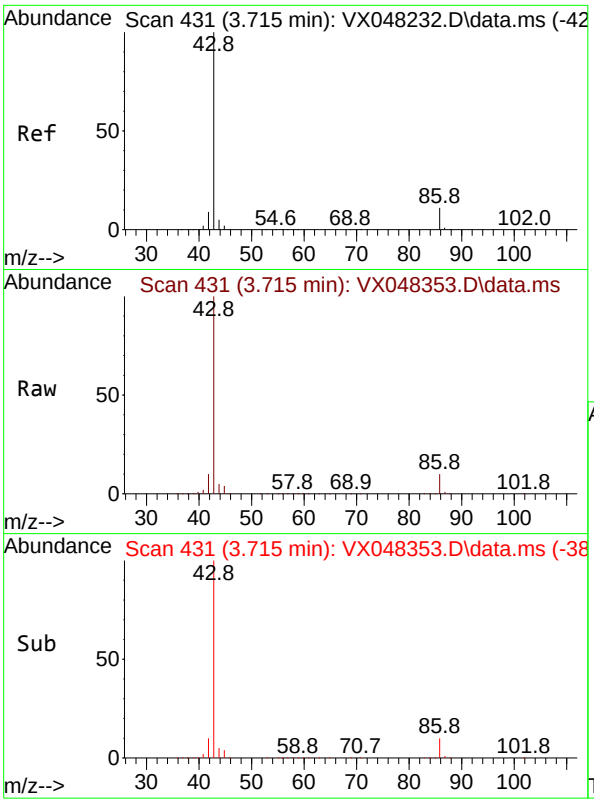



#22
Diisopropyl ether
Concen: 56.729 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 45 Resp: 271845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 107.3 | 89.8 | 134.8 |
| 87 | 26.3 | 20.6 | 31.0 |
| 59 | 11.5 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 245.353 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 93917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.9 | 7.9 | 11.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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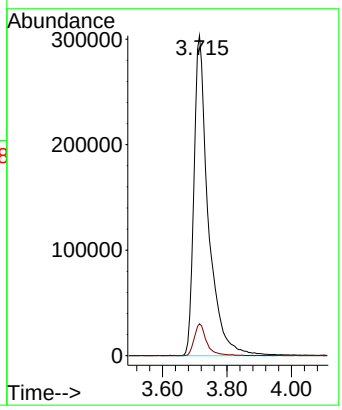
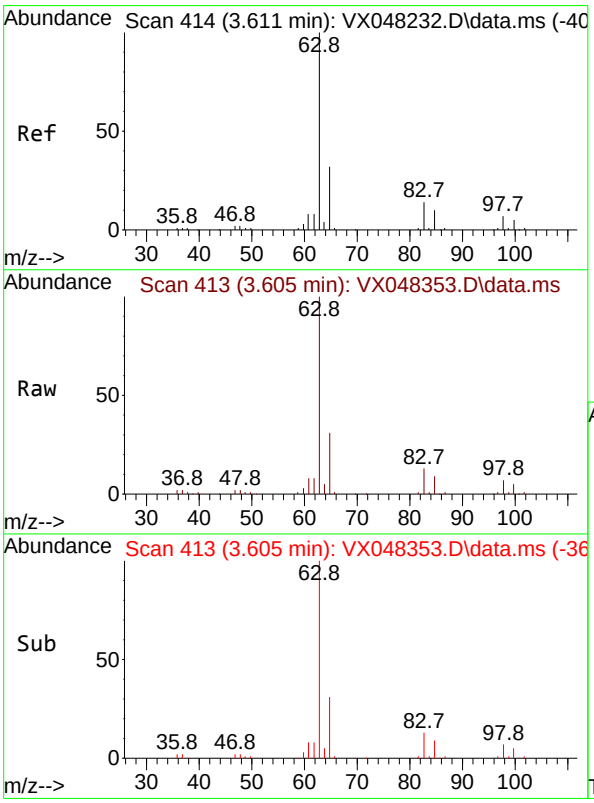
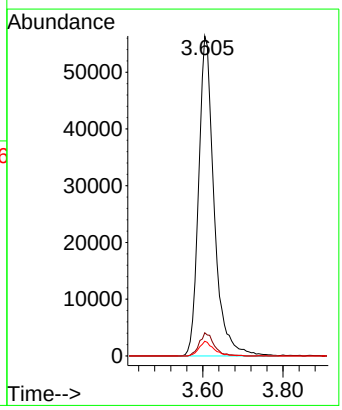


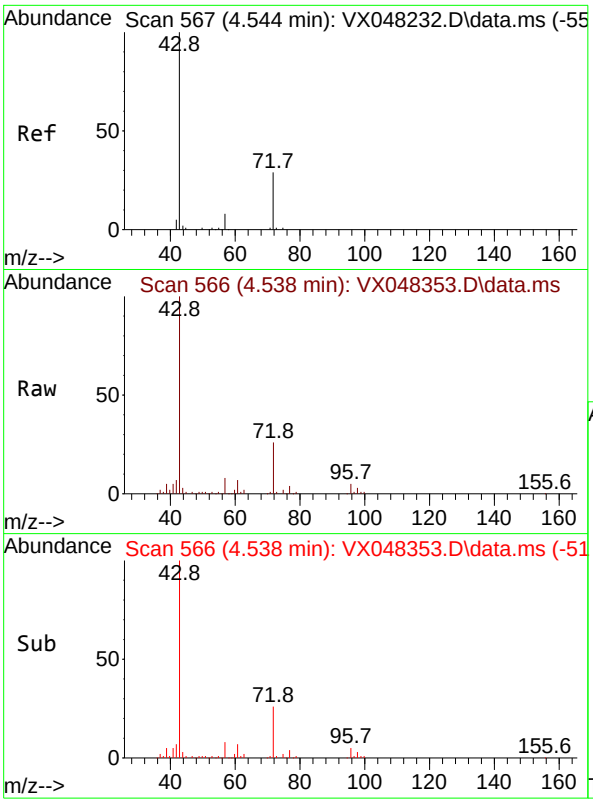




#24
1,1-Dichloroethane
Concen: 52.017 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 63 Resp: 150722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.3 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |

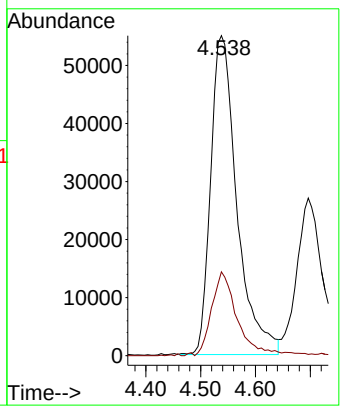





#25
2-Butanone
Concen: 217.495 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 18251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.4 | 19.9 | 29.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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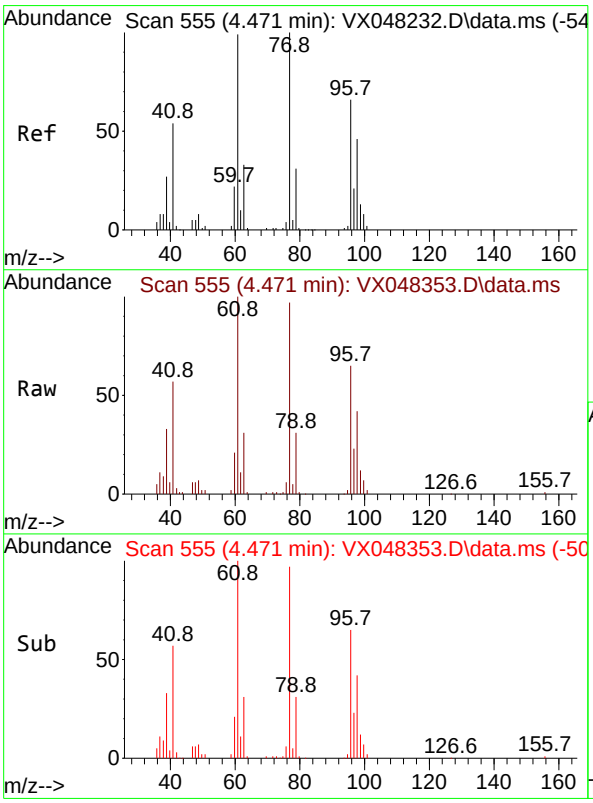
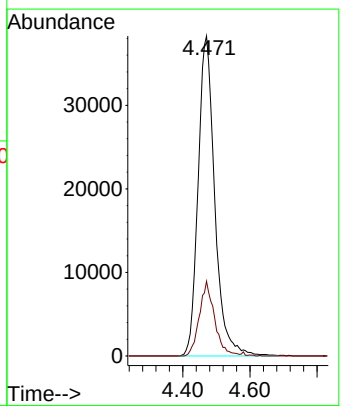
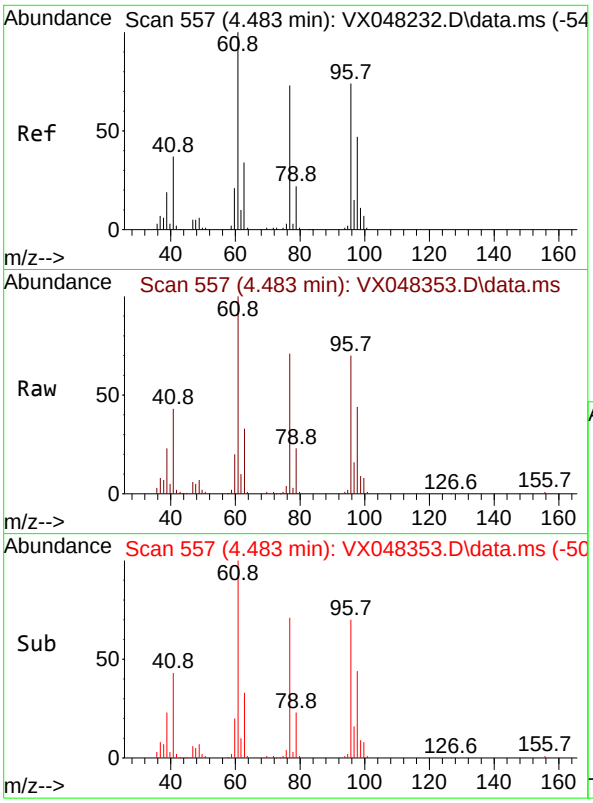



#26
2,2-Dichloropropane
Concen: 50.451 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 77 Resp: 131948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.3 | 11.1 | 33.3 |

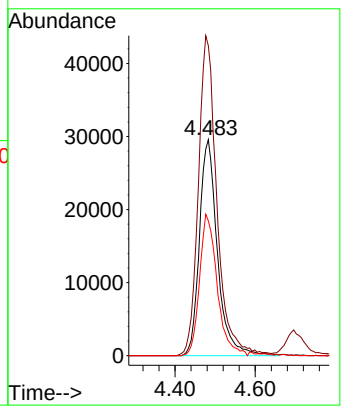





#27
cis-1,2-Dichloroethene
Concen: 49.885 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 96 Resp: 9254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.1 | 0.0 | 294.2 |
| 98 | 63.6 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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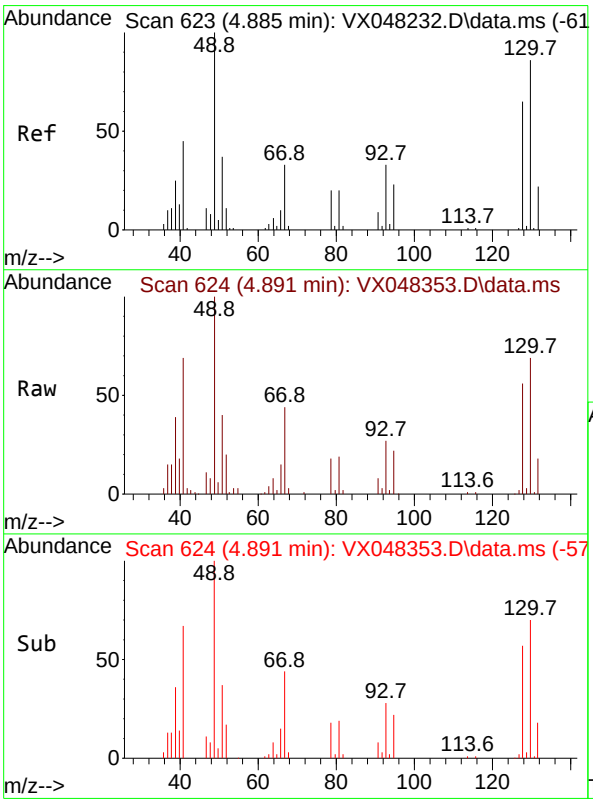
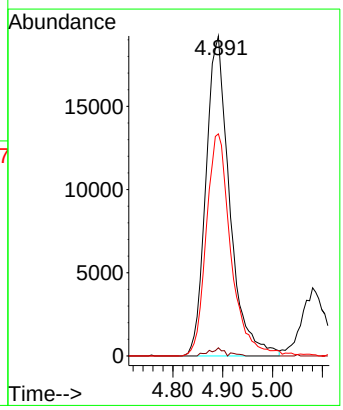
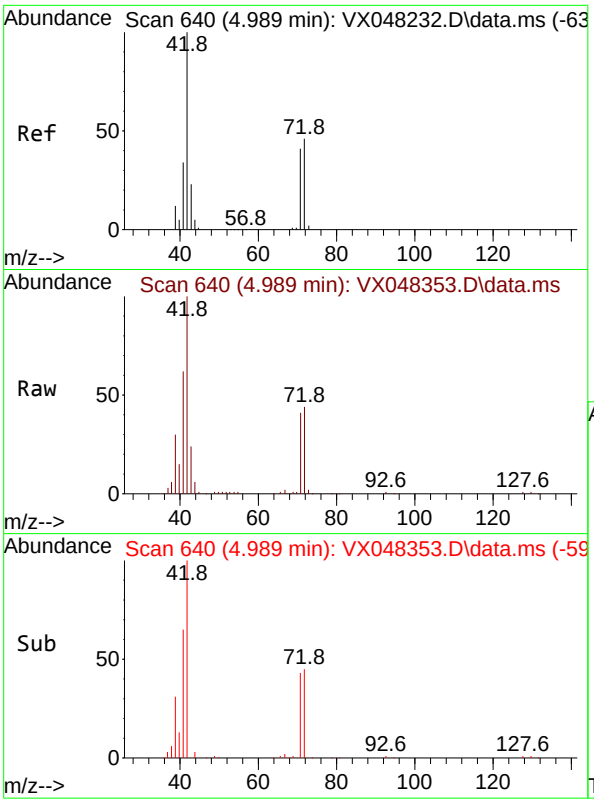



#28
Bromochloromethane
Concen: 52.749 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 49 Resp: 63375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.4 | 0.0 | 4.4 |
| 130 | 72.3 | 59.3 | 88.9 |






#29
Tetrahydrofuran
Concen: 239.119 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 42 Resp: 12017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 43.5 | 35.3 | 52.9 |
| 71 | 42.1 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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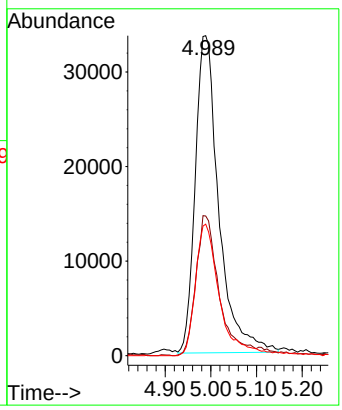
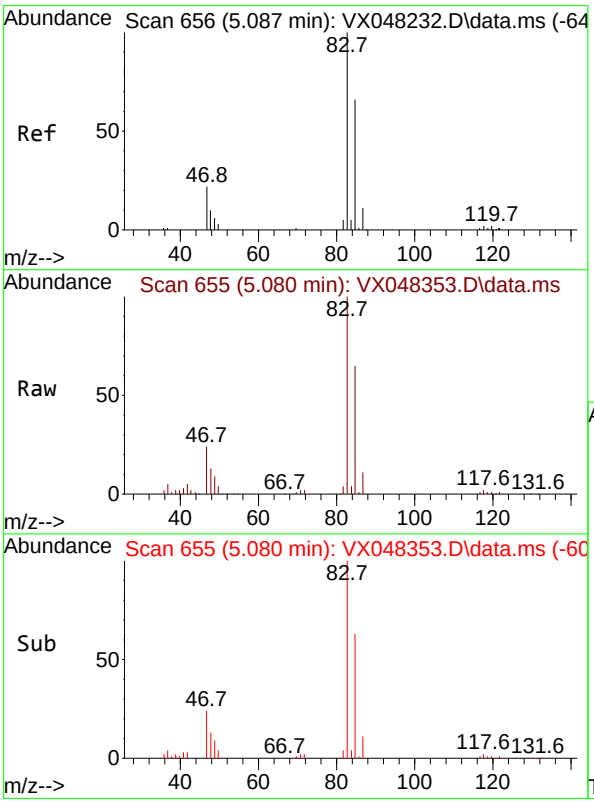
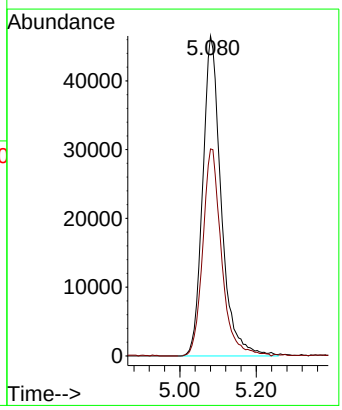


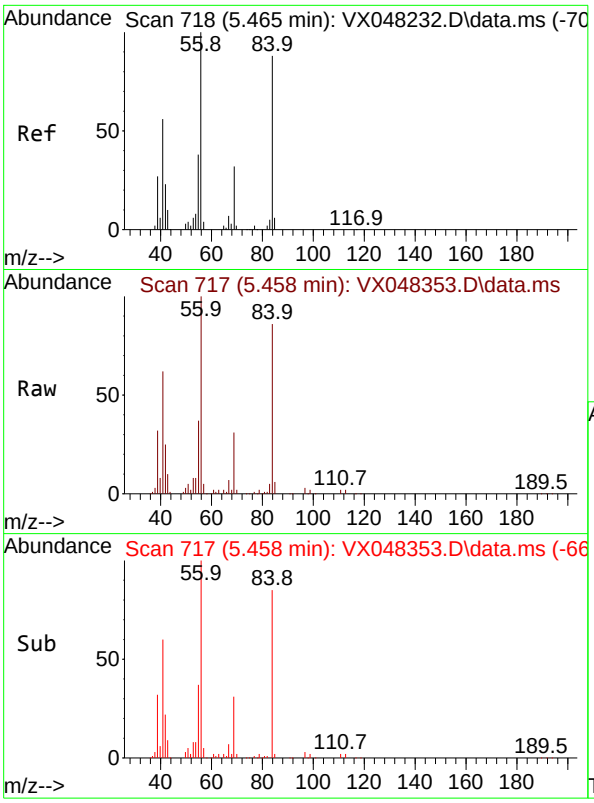




#30
Chloroform
Concen: 50.495 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 83 Resp: 156317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 50.1 | 75.1 |

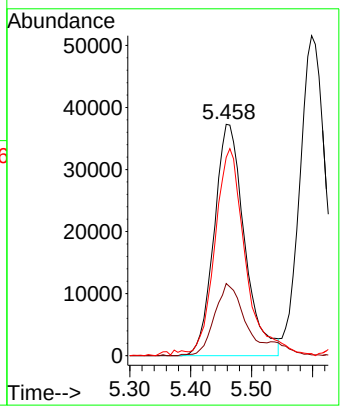





#31
Cyclohexane
Concen: 53.842 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 56 Resp: 12916

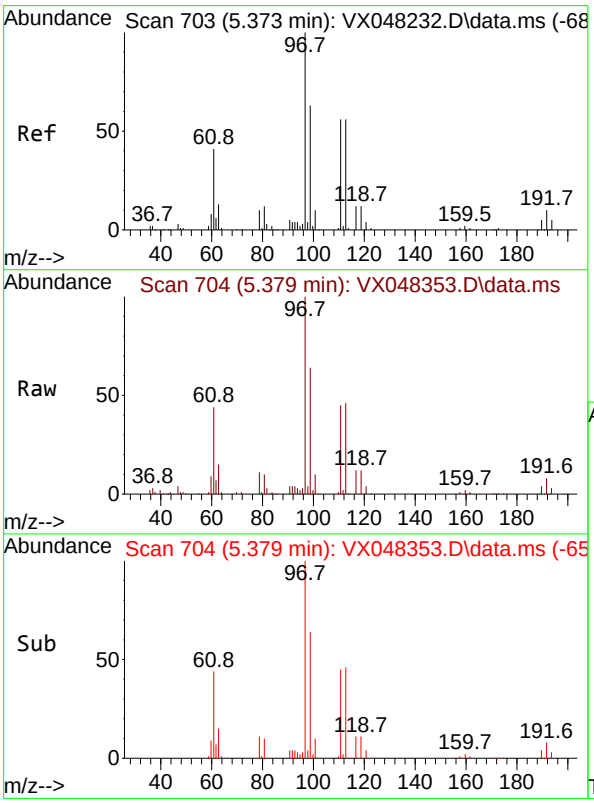
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.5 | 23.0 | 34.6 |
| 84 | 84.0 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

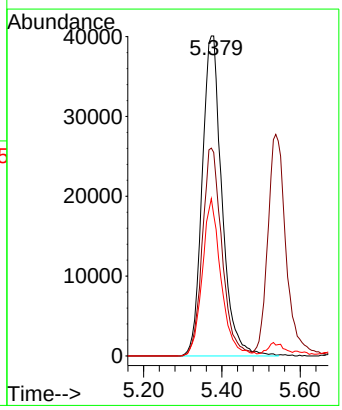
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

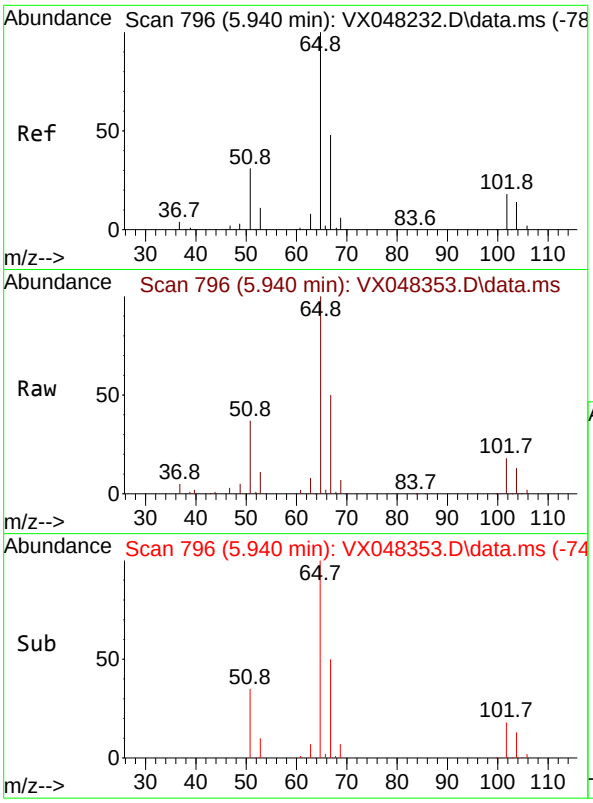



#32
1,1,1-Trichloroethane
Concen: 49.248 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 97 Resp: 140509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 51.7 | 77.5 |
| 61 | 46.6 | 34.8 | 52.2 |

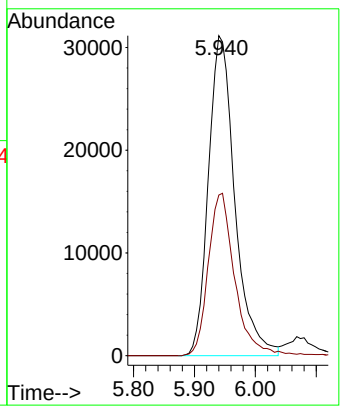





#33
1,2-Dichloroethane-d4
Concen: 48.565 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 65 Resp: 9385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.1 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/27/2025
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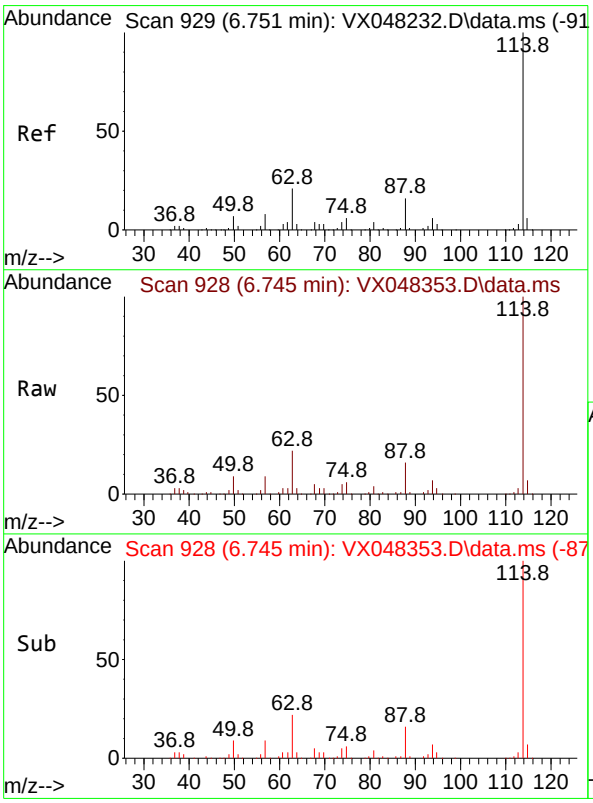
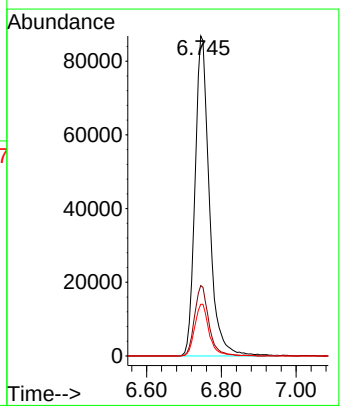
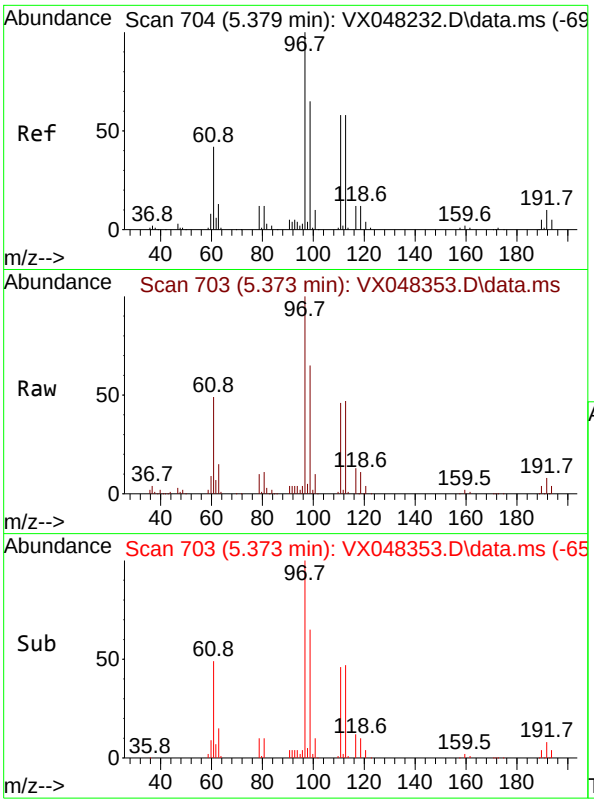



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:114 Resp: 230908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.0 | 0.0 | 43.2 |
| 88 | 16.2 | 0.0 | 33.6 |

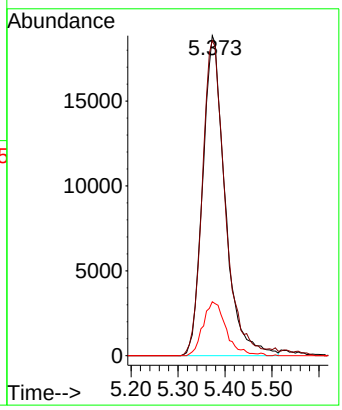





#35
Dibromofluoromethane
Concen: 39.419 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:113 Resp: 6214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.3 | 82.2 | 123.4 |
| 192 | 17.4 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/27/2025
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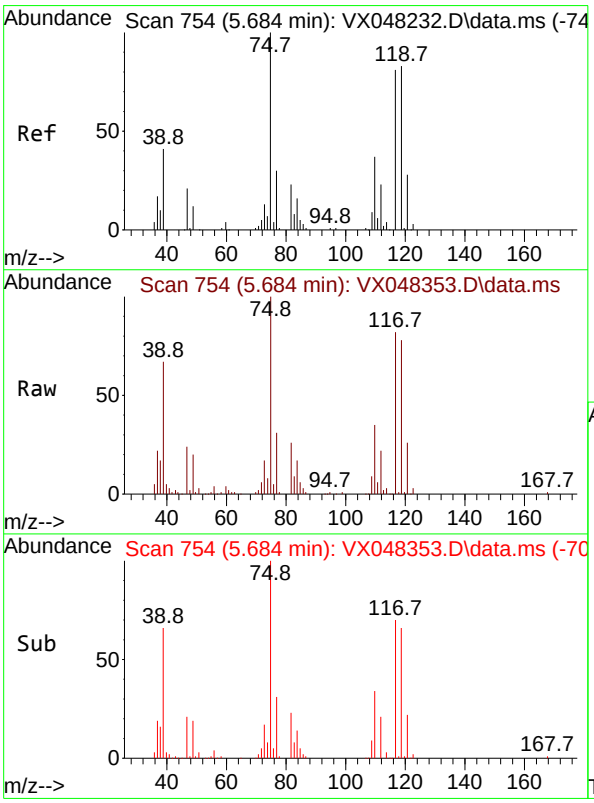
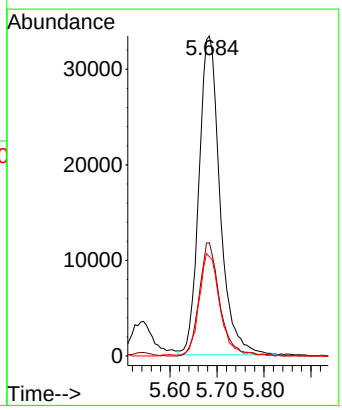
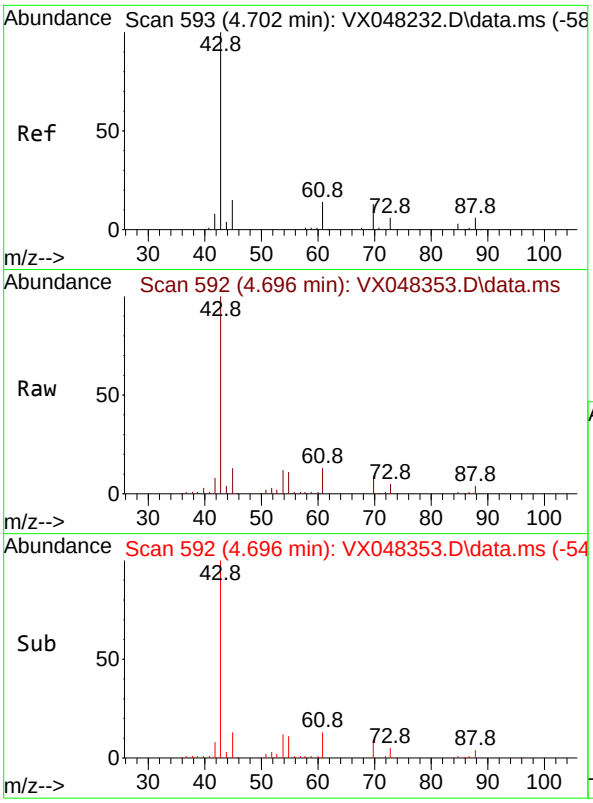



#36
1,1-Dichloropropene
Concen: 46.369 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 103893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.6 | 17.7 | 53.1 |
| 77 | 30.7 | 24.3 | 36.5 |

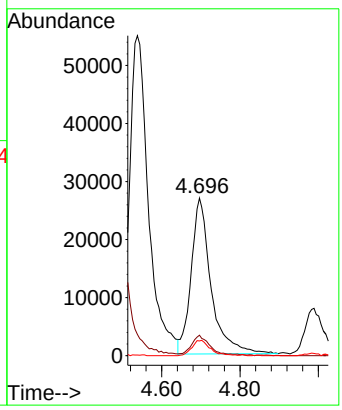





#37
Ethyl Acetate
Concen: 51.057 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 9482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.7 | 10.6 | 15.8 |
| 70 | 9.0 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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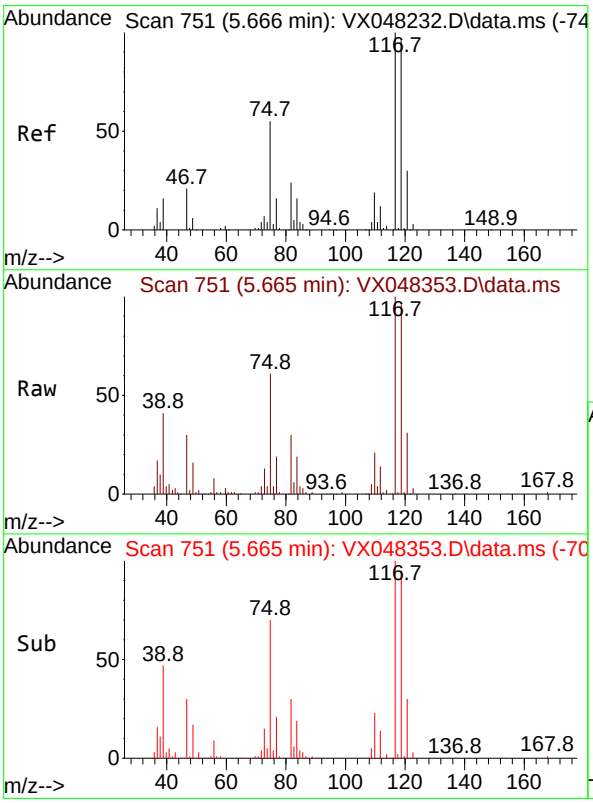
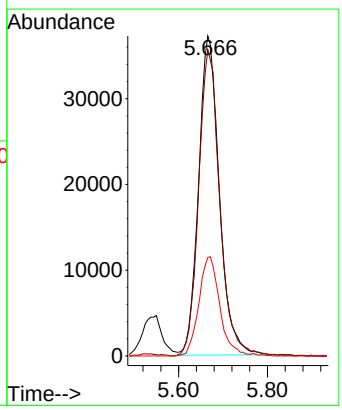
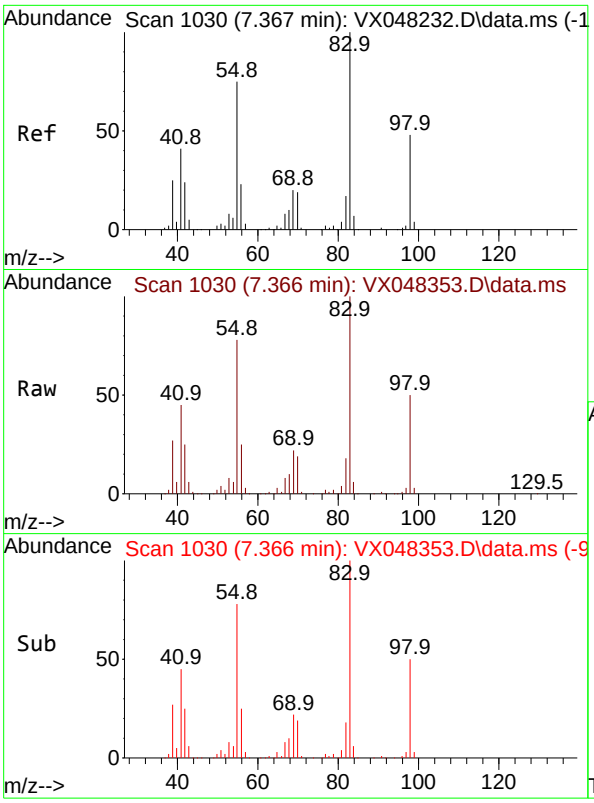



#38
Carbon Tetrachloride
Concen: 43.846 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:117 Resp: 121202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.9 | 77.2 | 115.8 |
| 121 | 30.9 | 24.8 | 37.2 |

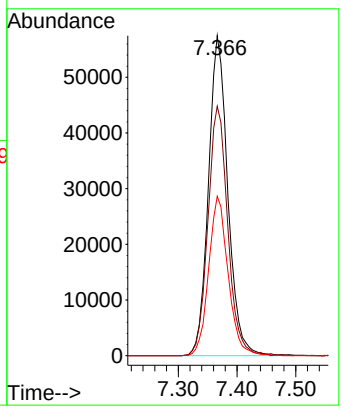





#39
Methylcyclohexane
Concen: 49.732 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 83 Resp: 13159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 78.0 | 66.2 | 99.2 |
| 98 | 49.8 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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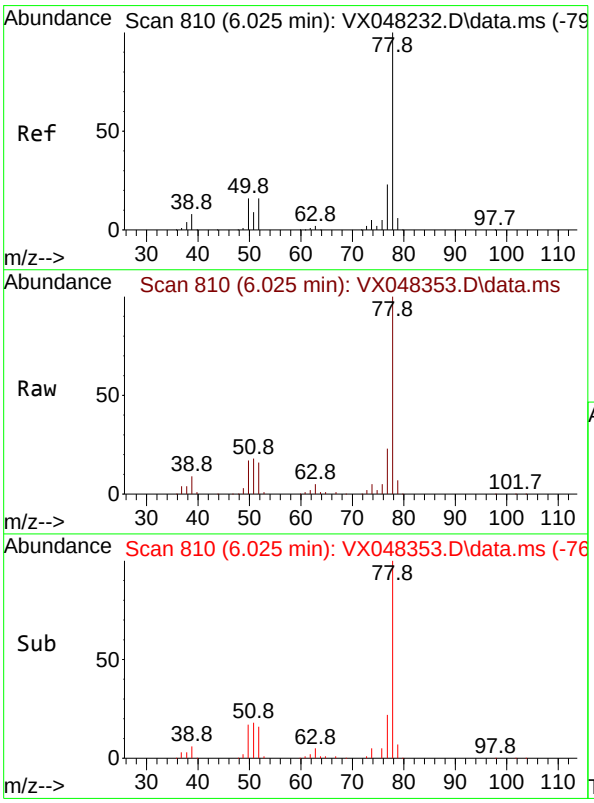
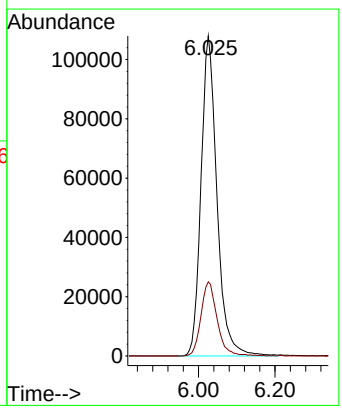
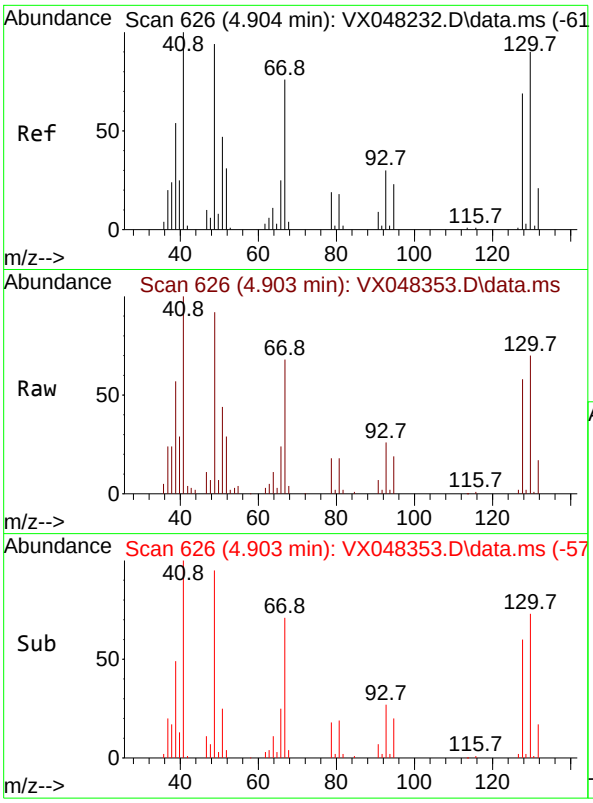



#40
Benzene
Concen: 47.991 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 78 Resp: 312187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.1 | 19.3 | 28.9 |

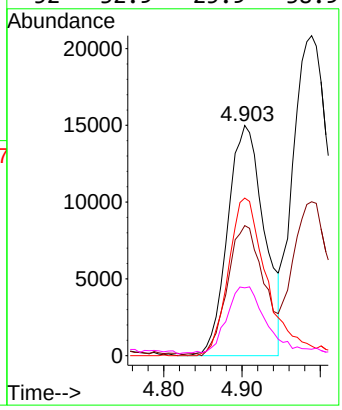





#41
Methacrylonitrile
Concen: 49.974 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 41 Resp: 4873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.3 | 44.0 | 66.0 |
| 67 | 72.8 | 58.7 | 88.1 |
| 52 | 32.9 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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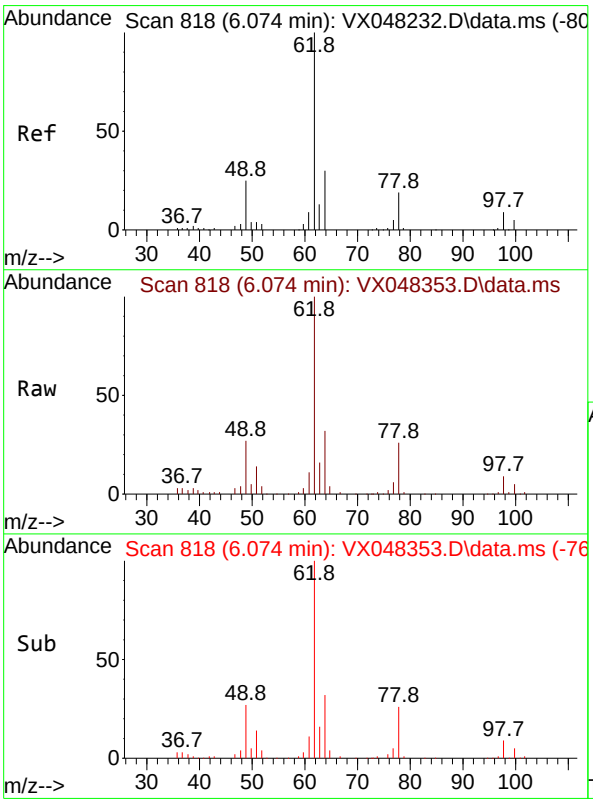
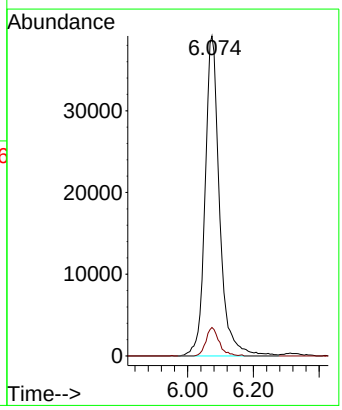
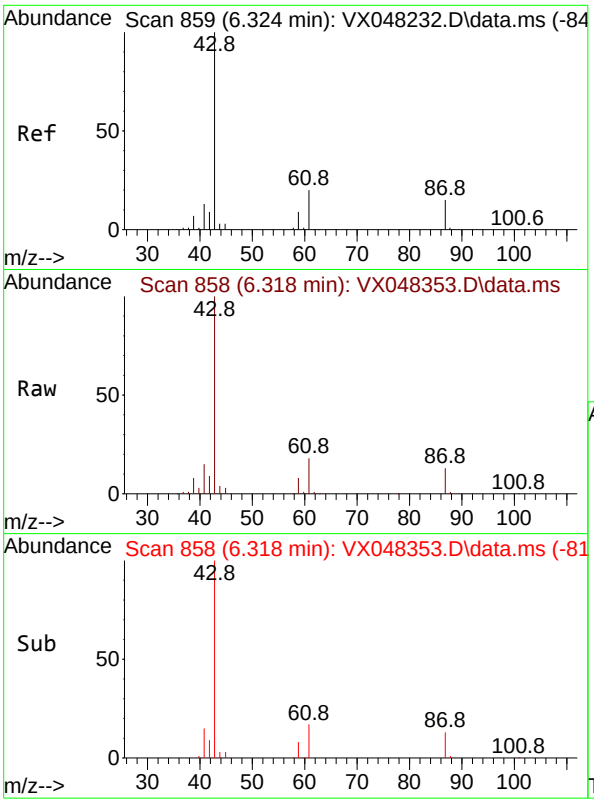



#42
1,2-Dichloroethane
Concen: 49.865 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 62 Resp: 119697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.1 | 0.0 | 17.2 |

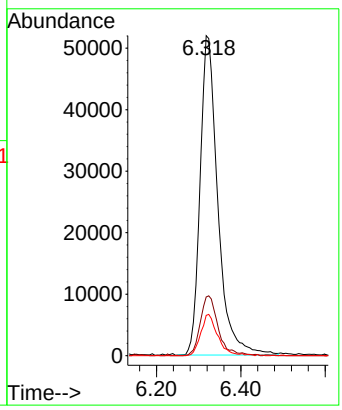





#43
Isopropyl Acetate
Concen: 49.940 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 15234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.9 | 14.9 | 22.3 |
| 87 | 12.3 | 9.4 | 14.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/27/2025
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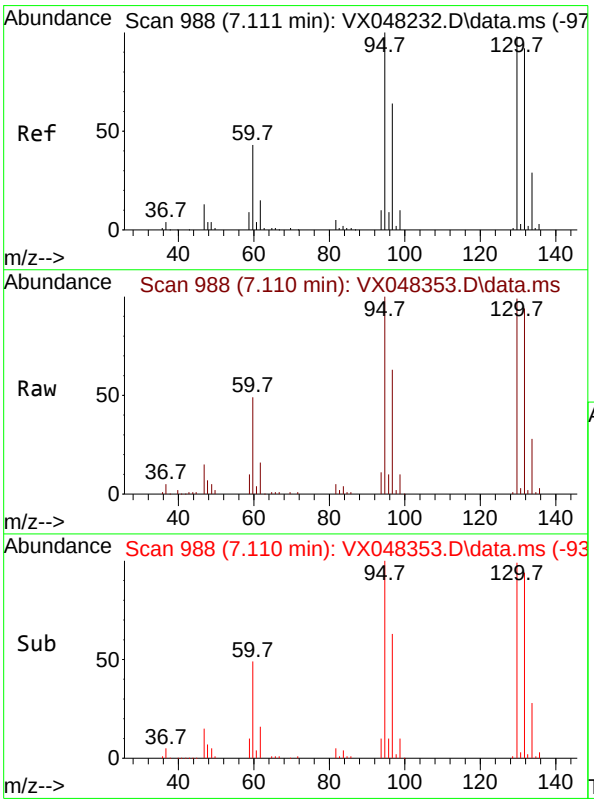
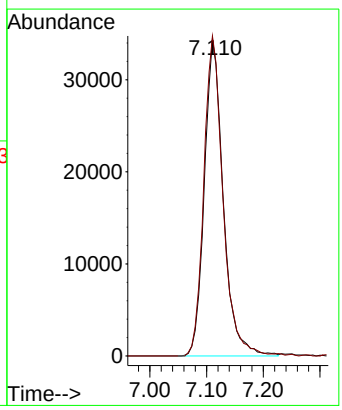
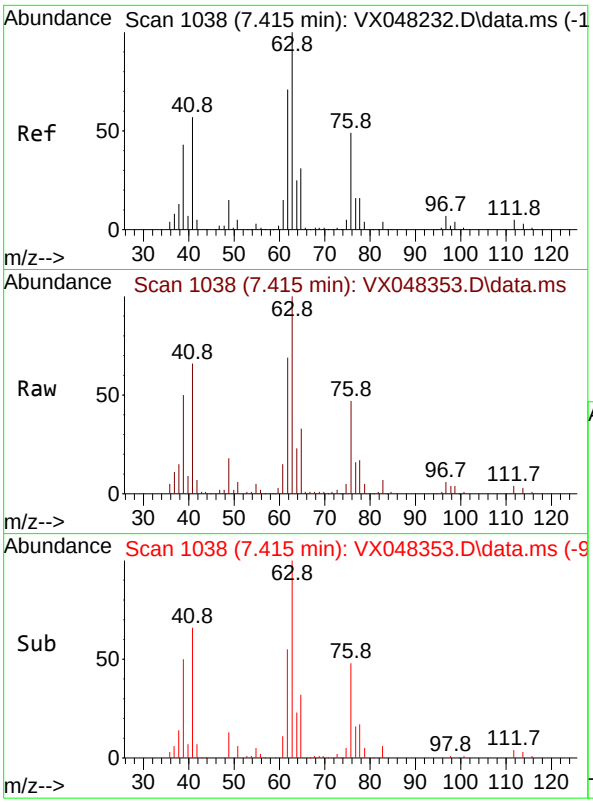



#44
Trichloroethene
Concen: 46.488 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:130 Resp: 79852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 100.8 | 0.0 | 200.6 |

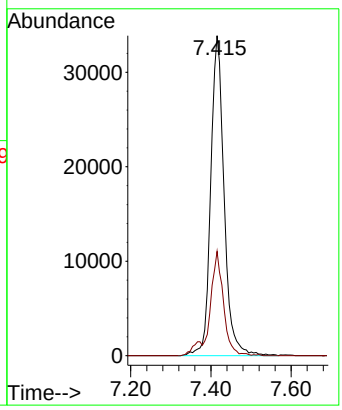





#45
1,2-Dichloropropane
Concen: 50.904 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 63 Resp: 7872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.6 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/27/2025
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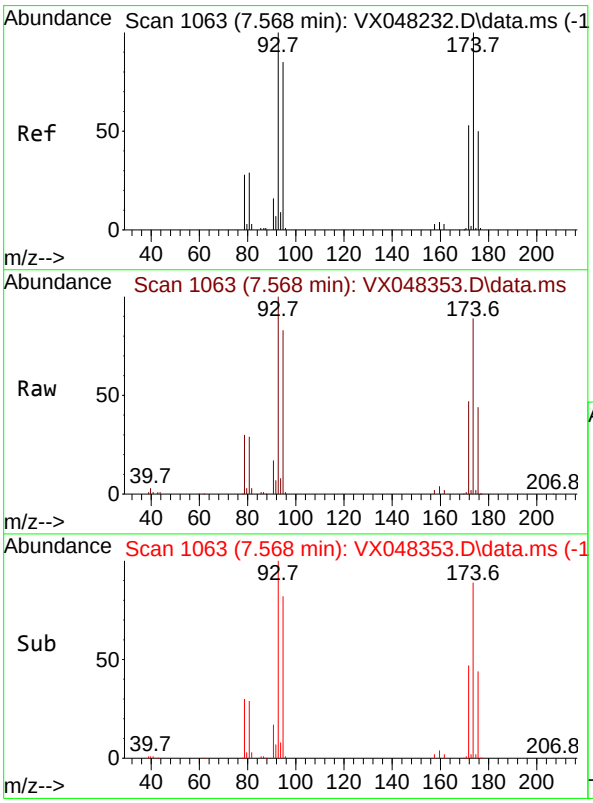
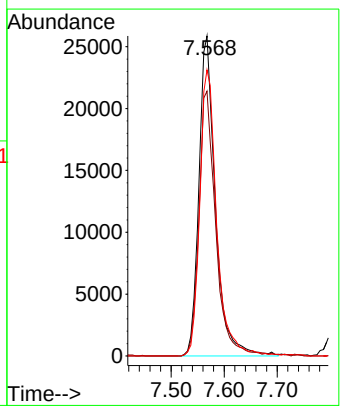
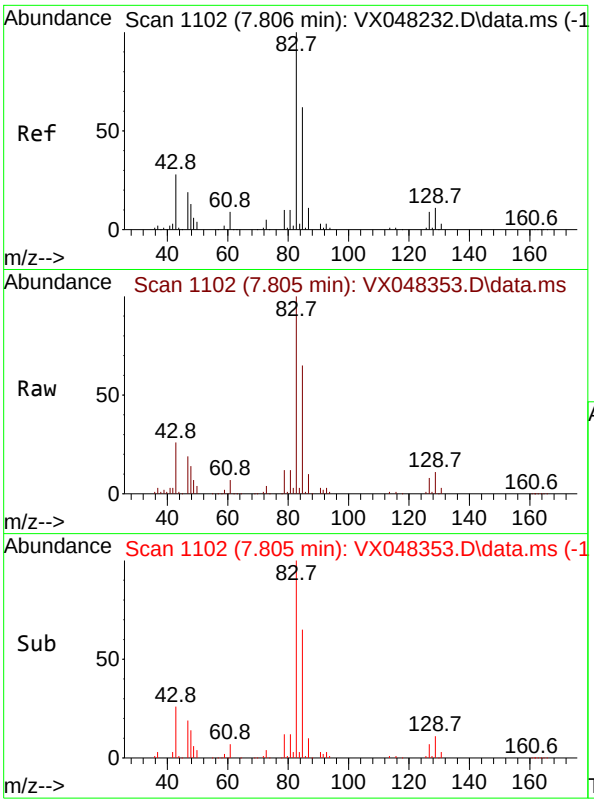



#46
Dibromomethane
Concen: 46.488 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 93 Resp: 56015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.0 | 65.9 | 98.9 |
| 174 | 92.2 | 71.7 | 107.5 |

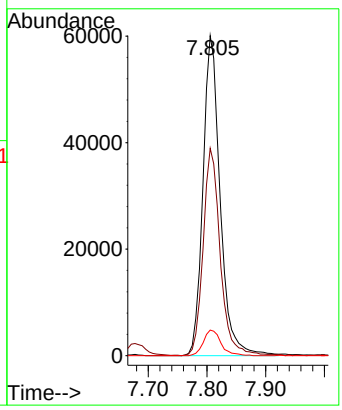





#47
Bromodichloromethane
Concen: 47.075 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 83 Resp: 12247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.6 | 52.2 | 78.4 |
| 127 | 8.0 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/27/2025
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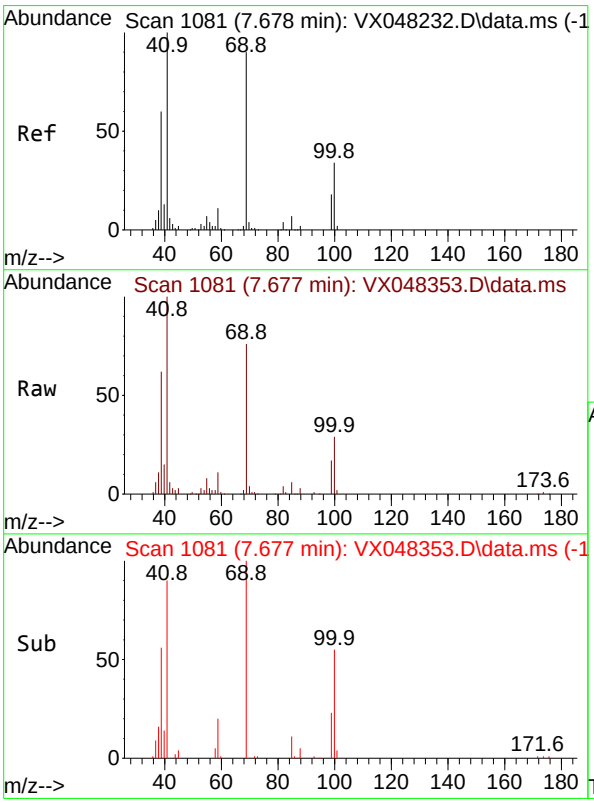
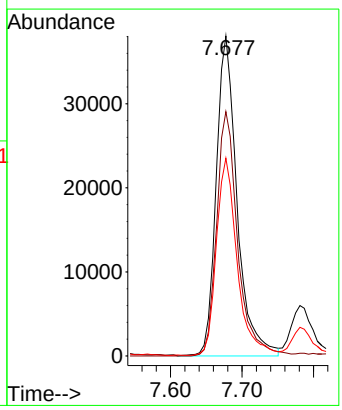
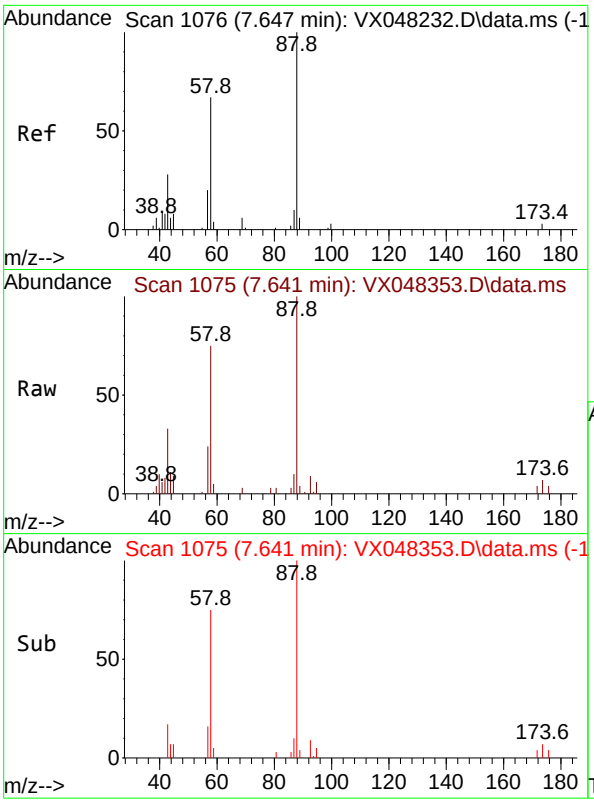



#48
Methyl methacrylate
Concen: 50.123 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 41 Resp: 77157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 76.8 | 63.4 | 95.0 |
| 39 | 61.4 | 47.1 | 70.7 |

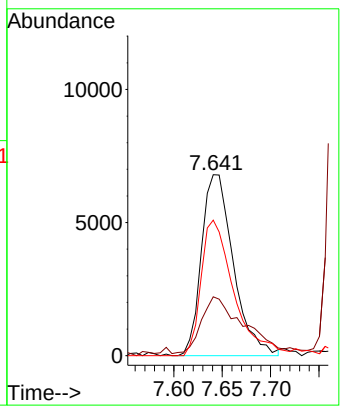





#49
1,4-Dioxane
Concen: 767.869 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 88 Resp: 1561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 40.1 | 35.0 | 52.4 |
| 58 | 76.7 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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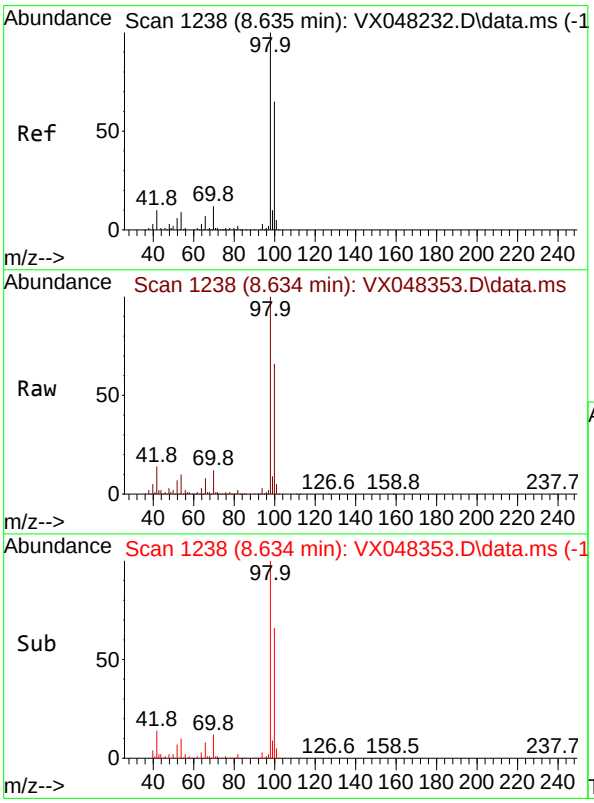
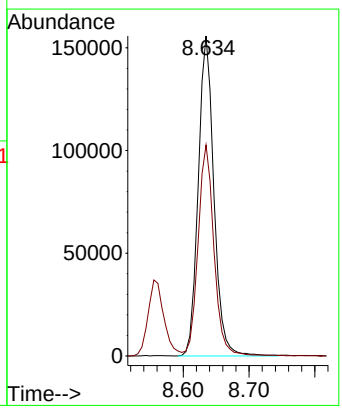
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

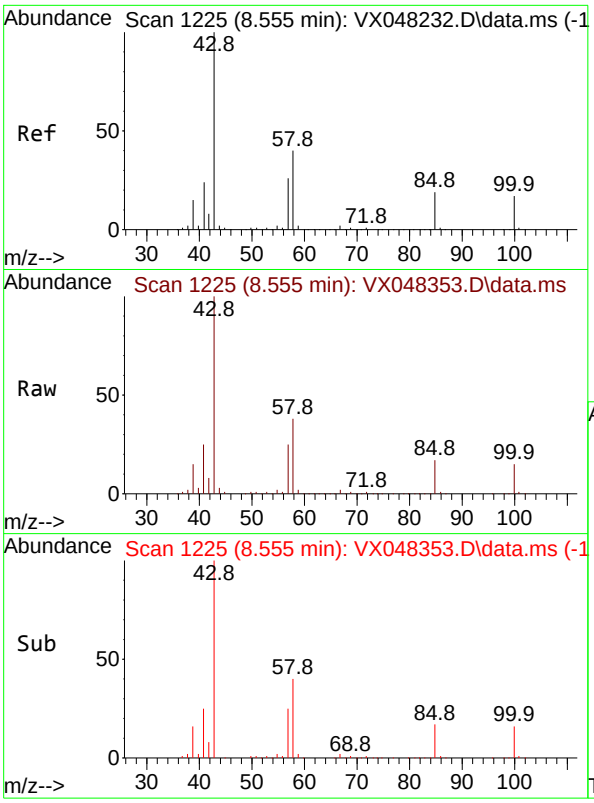



#50
Toluene-d8
Concen: 46.661 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 98 Resp: 257823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.7 | 53.0 | 79.4 |

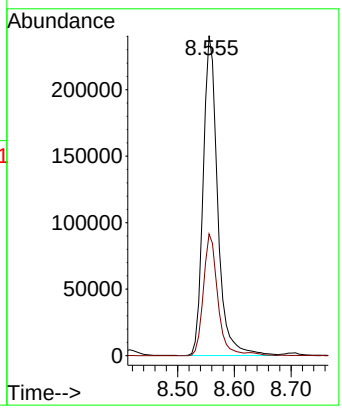





#51
4-Methyl-2-Pentanone
Concen: 242.909 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 42724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.2 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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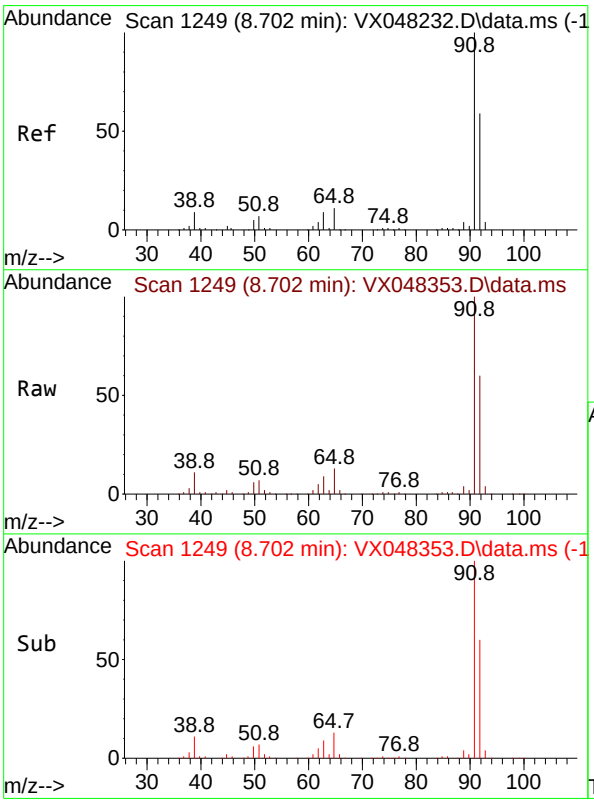
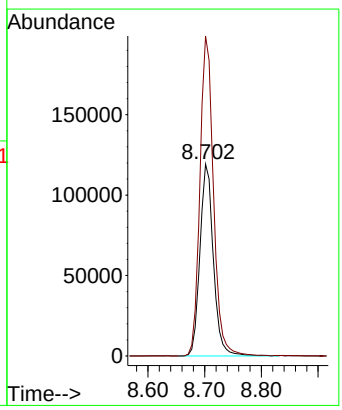
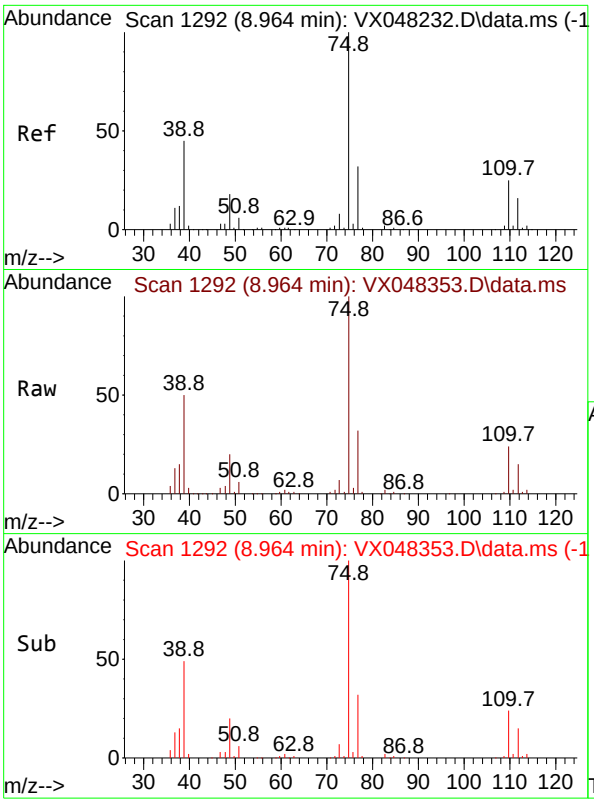



#52
Toluene
Concen: 47.417 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 92 Resp: 195954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.4 | 136.1 | 204.1 |

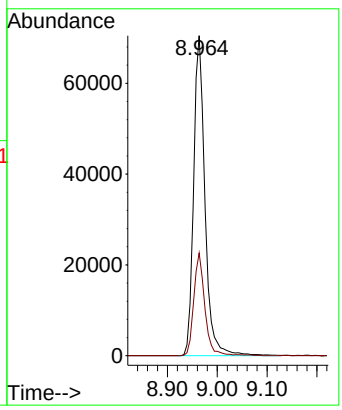





#53
t-1,3-Dichloropropene
Concen: 44.482 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 11152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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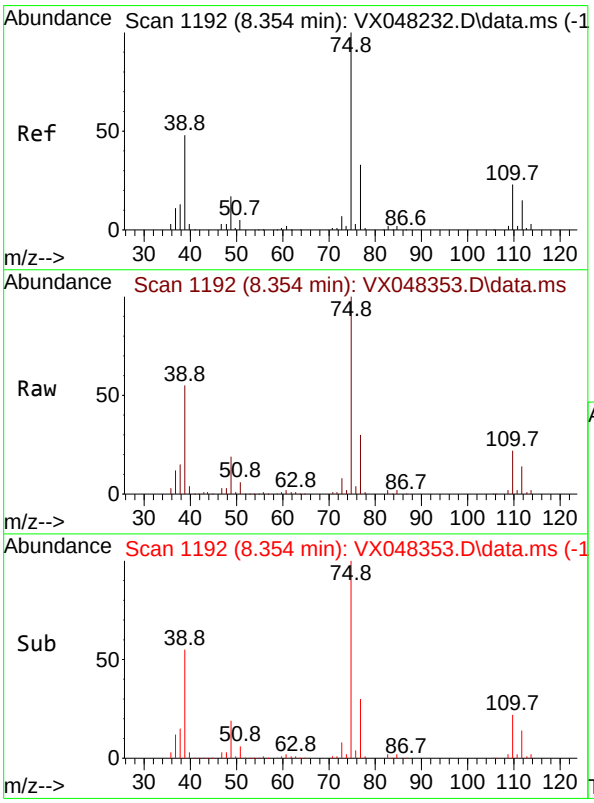
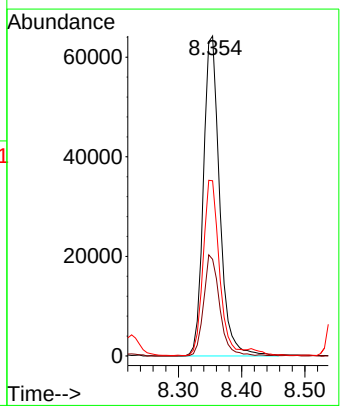
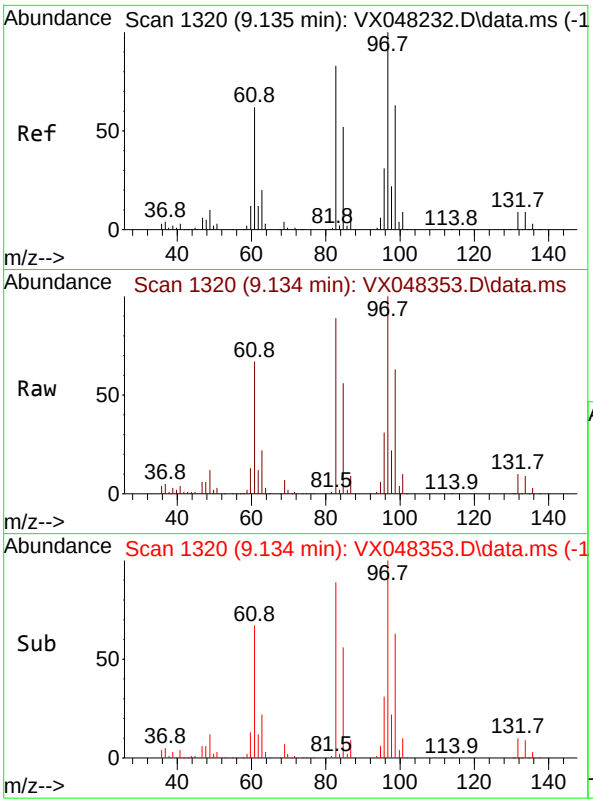



#54
cis-1,3-Dichloropropene
Concen: 42.583 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 115185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.2 | 24.9 | 37.3 |
| 39 | 54.5 | 42.6 | 64.0 |

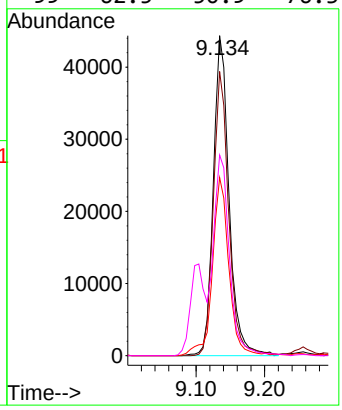





#55
1,1,2-Trichloroethane
Concen: 46.020 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 97 Resp: 7072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 88.8 | 70.6 | 105.8 |
| 85 | 55.7 | 45.0 | 67.6 |
| 99 | 62.5 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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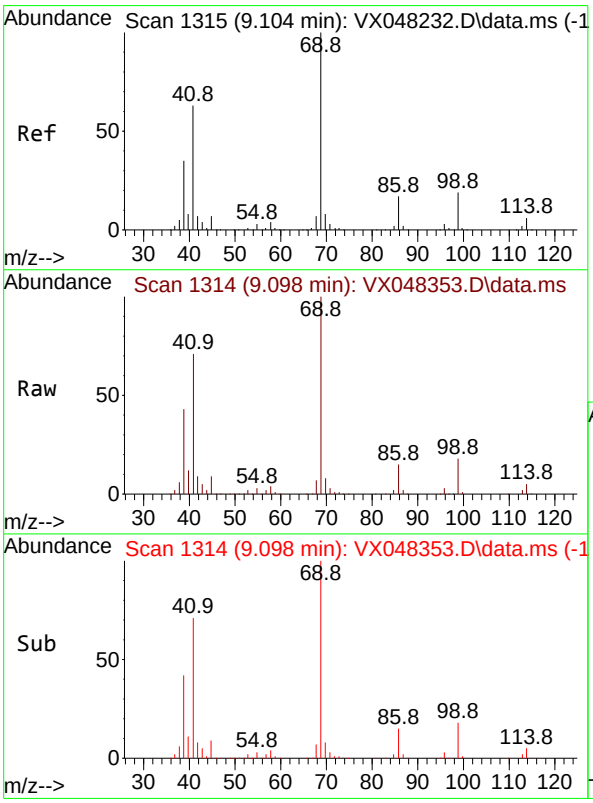
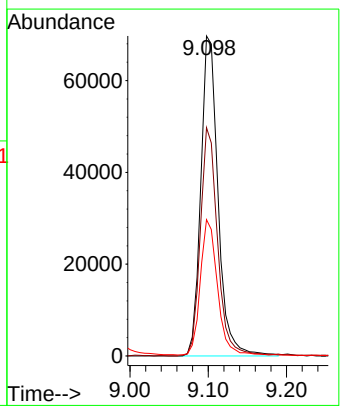
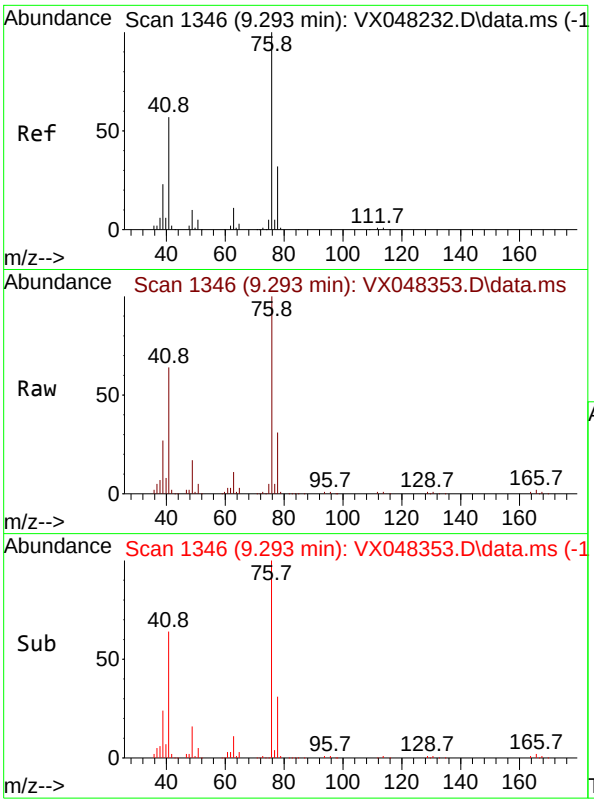



#56
Ethyl methacrylate
Concen: 47.538 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 69 Resp: 106860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 71.8 | 56.0 | 84.0 |
| 39 | 42.8 | 31.6 | 47.4 |

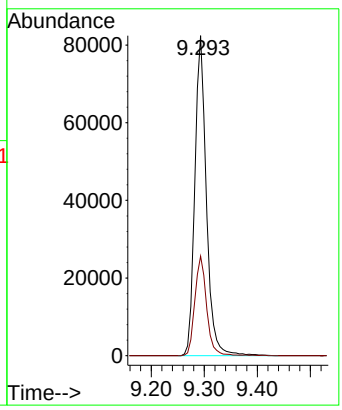





#57
1,3-Dichloropropane
Concen: 47.465 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 76 Resp: 12460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.8 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
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VSTDCCC050EC

**Manual Integrations**
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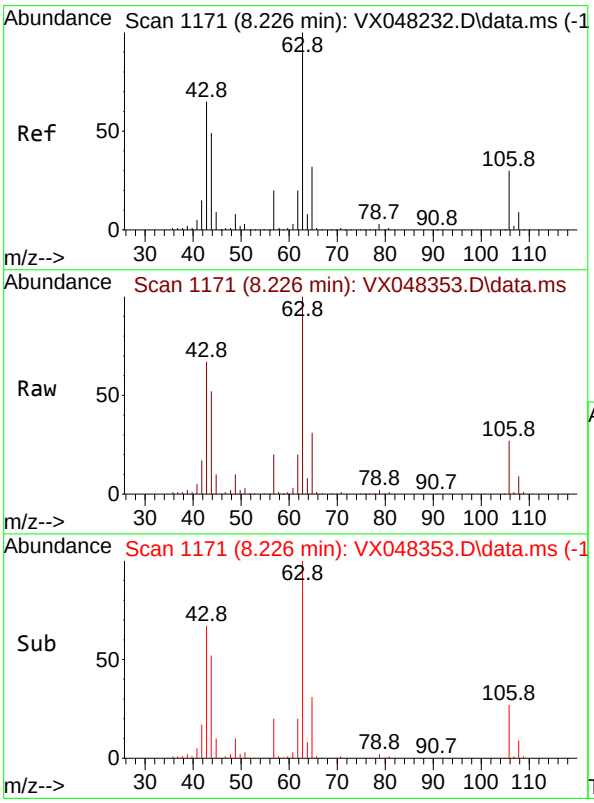
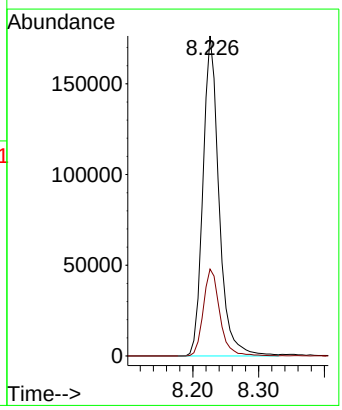
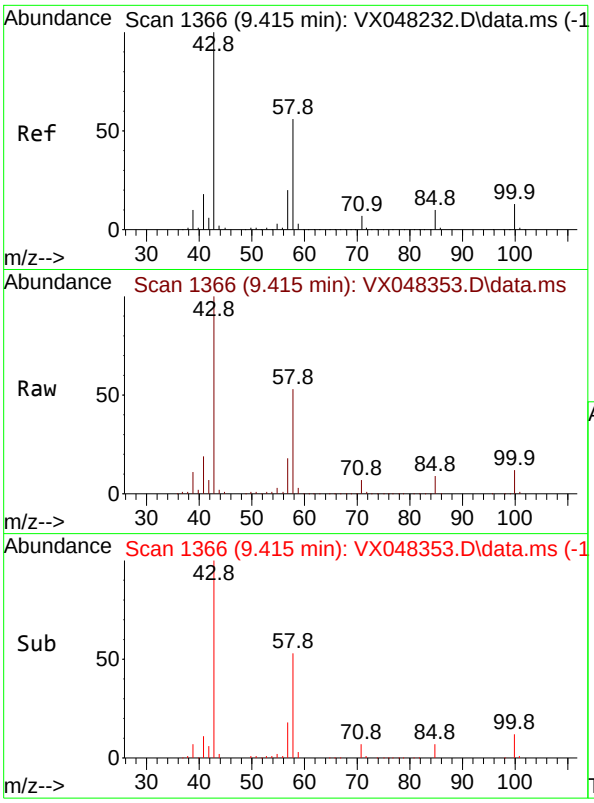



#58
2-Chloroethyl Vinyl ether
Concen: 248.040 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 63 Resp: 299785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.9 | 22.2 | 33.2 |

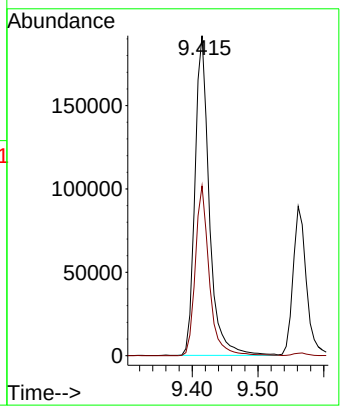





#59
2-Hexanone
Concen: 236.310 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 28981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.9 | 26.3 | 78.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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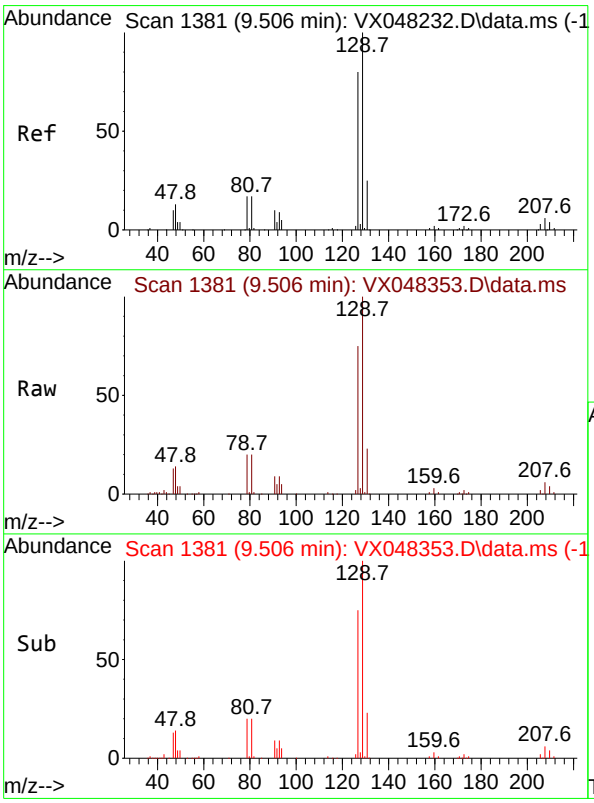
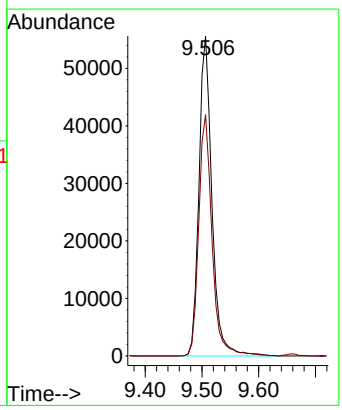
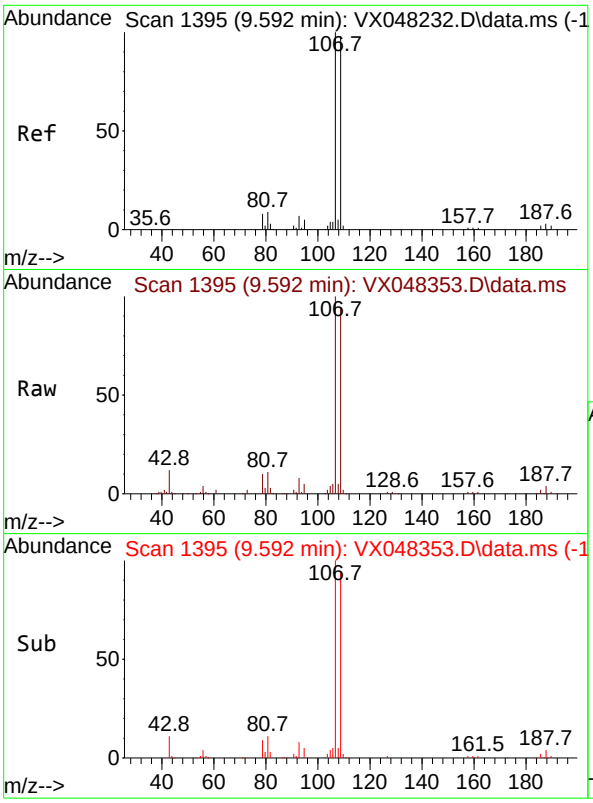



#60
Dibromochloromethane
Concen: 42.719 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:129 Resp: 88240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 38.6 | 115.7 |

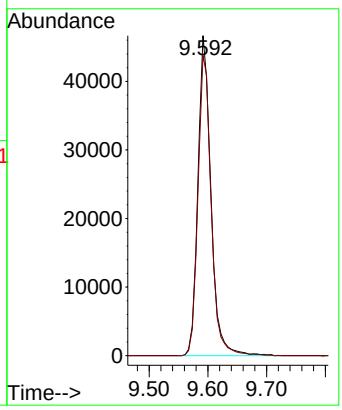





#61
1,2-Dibromoethane
Concen: 44.069 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:107 Resp: 7220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.1 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
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VSTDCCC050EC

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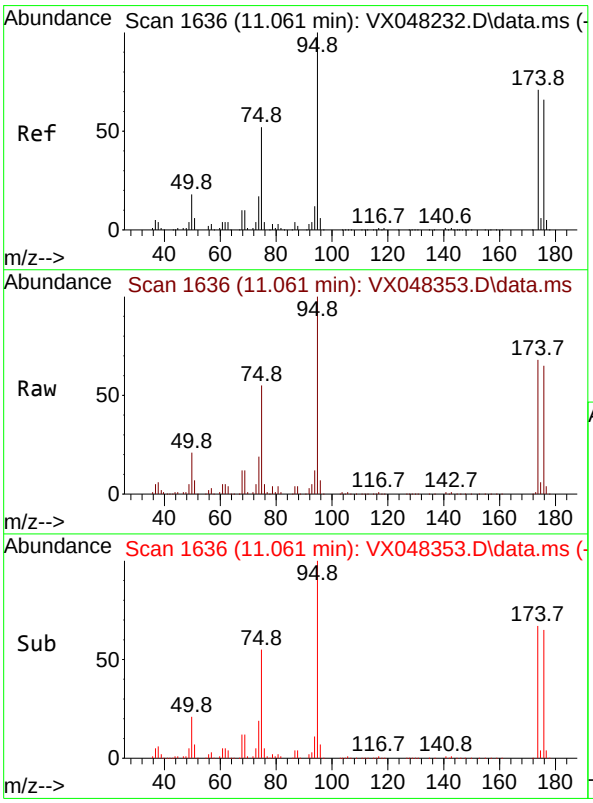
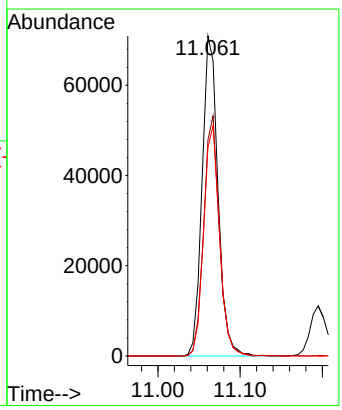
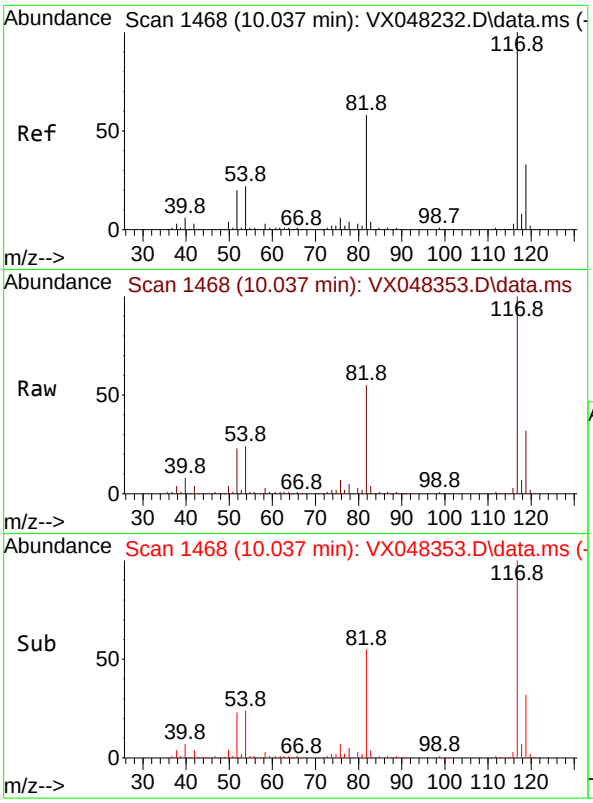



#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 95 Resp: 95120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.6 | 0.0 | 147.8 |
| 176 | 71.7 | 0.0 | 142.8 |

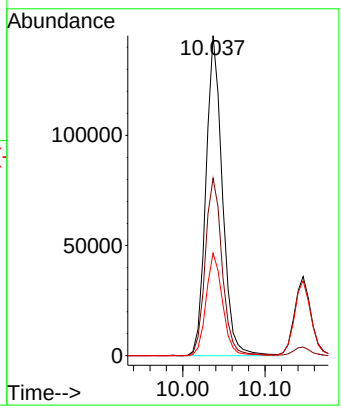





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:117 Resp: 20189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.3 | 46.5 | 69.7 |
| 119 | 32.0 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

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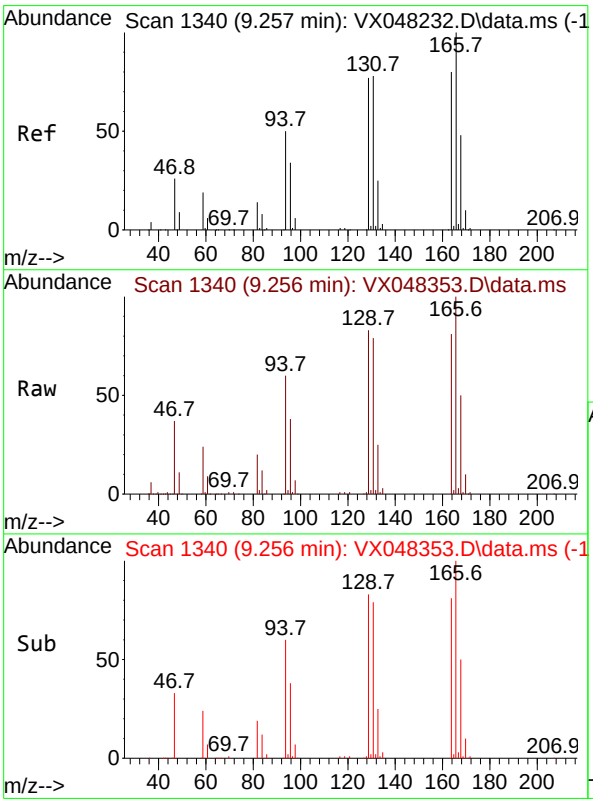
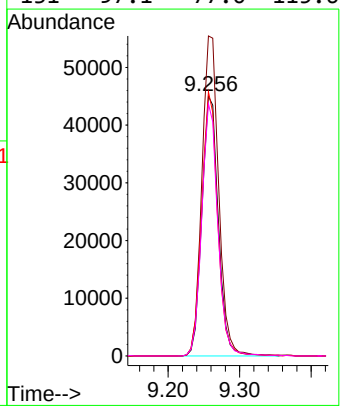
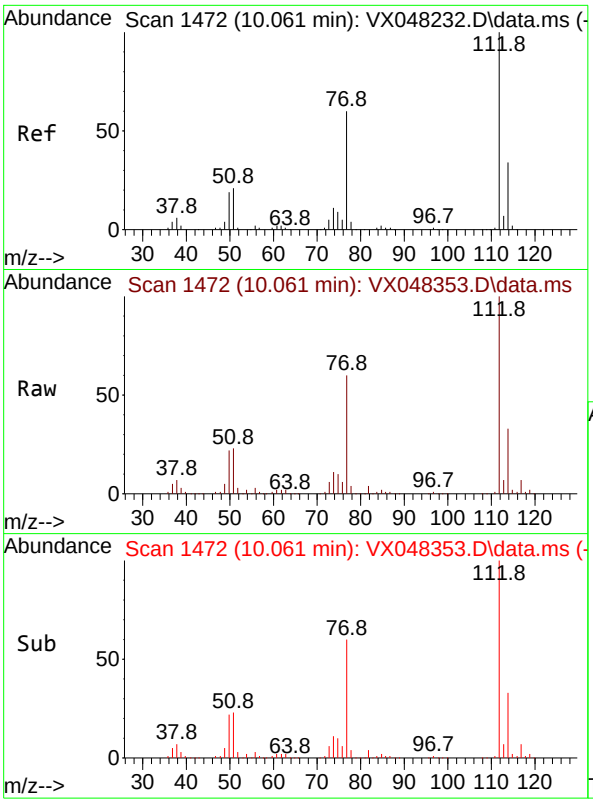



#64
Tetrachloroethene
Concen: 47.502 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:164 Resp: 71595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 123.2 | 104.5 | 156.7 |
| 129 | 101.7 | 81.8 | 122.6 |
| 131 | 97.1 | 77.0 | 115.6 |






#65
Chlorobenzene
Concen: 46.854 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:112 Resp: 21279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.7 | 26.2 | 39.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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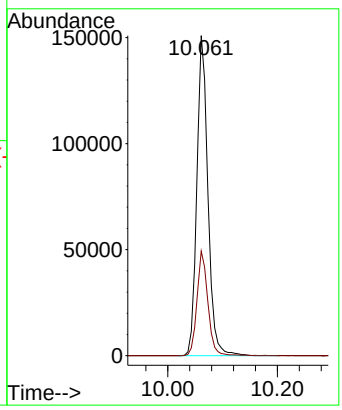
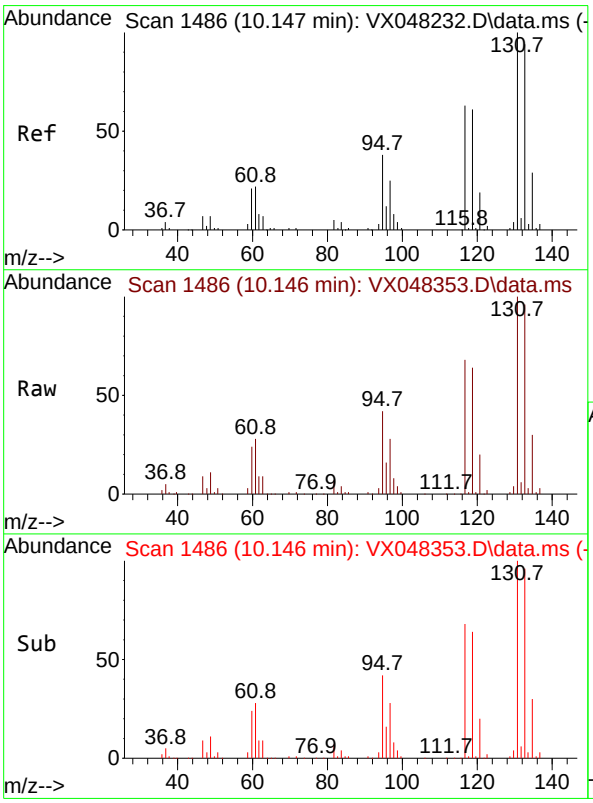
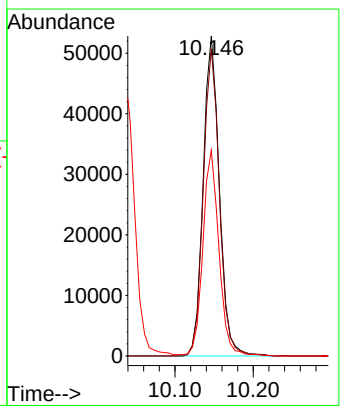


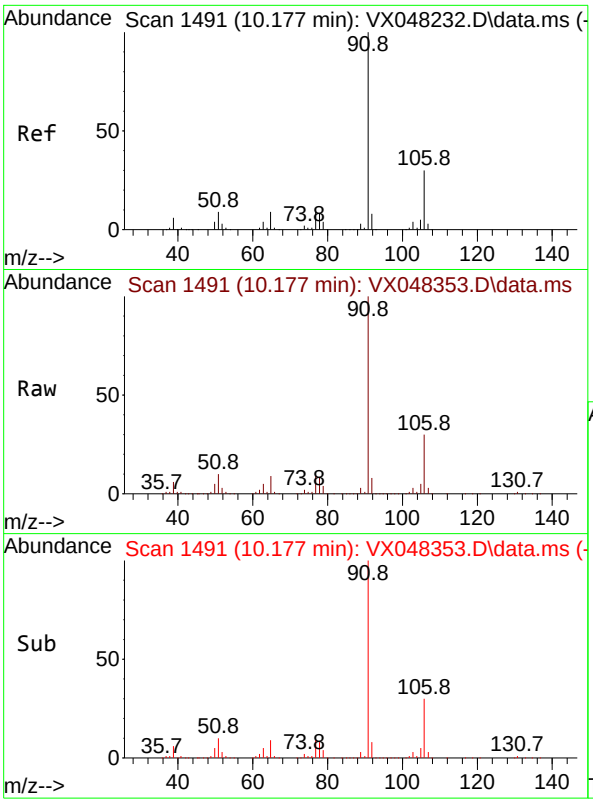




#66
1,1,1,2-Tetrachloroethane
Concen: 45.425 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:131 Resp: 75776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.6 | 47.6 | 142.8 |
| 119 | 63.8 | 32.5 | 97.5 |

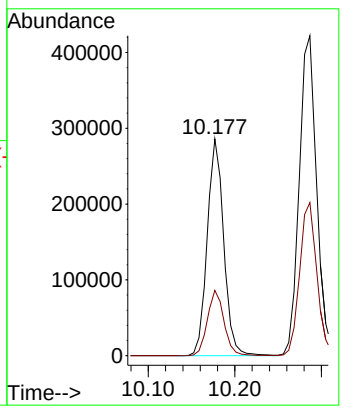





#67
Ethyl Benzene
Concen: 48.997 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 91 Resp: 37887

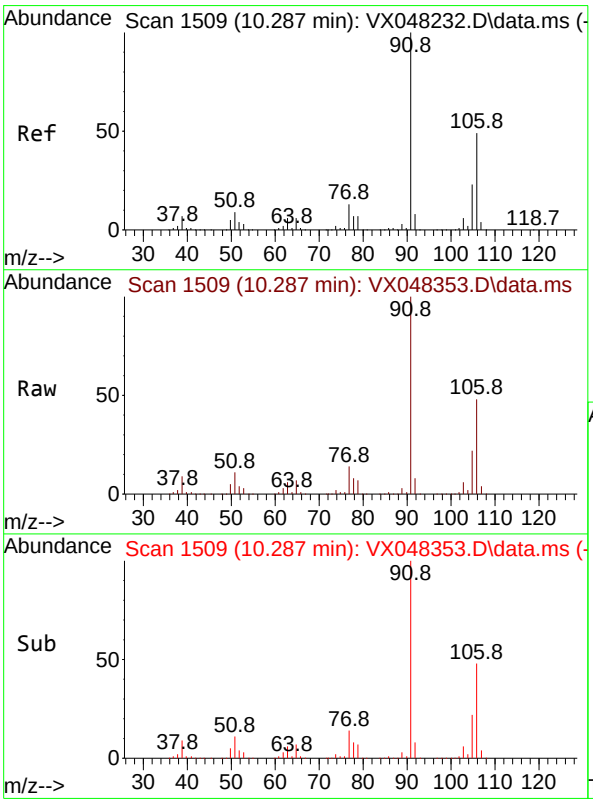
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.1 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

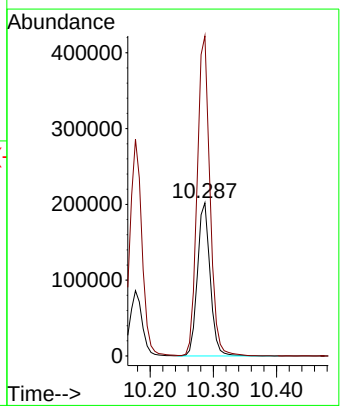
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

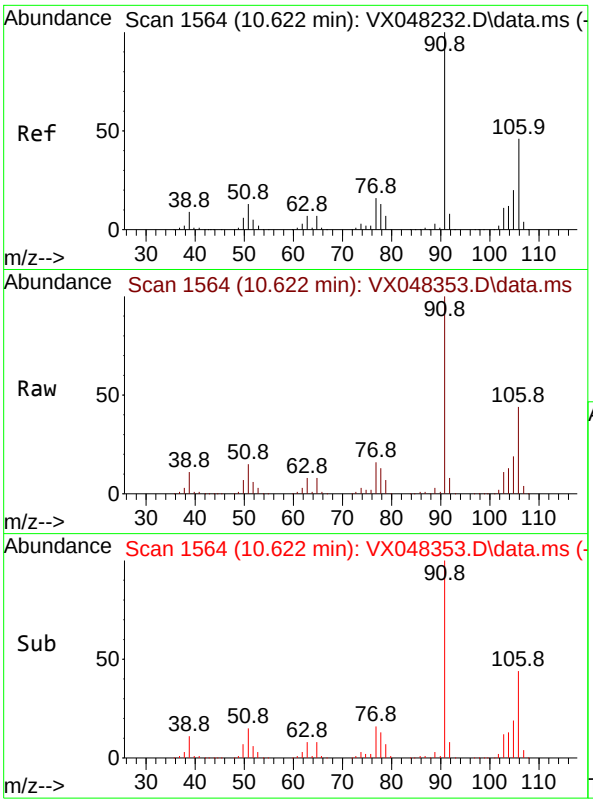



#68
m/p-Xylenes
Concen: 98.351 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:106 Resp: 282564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.6 | 167.9 | 251.9 |

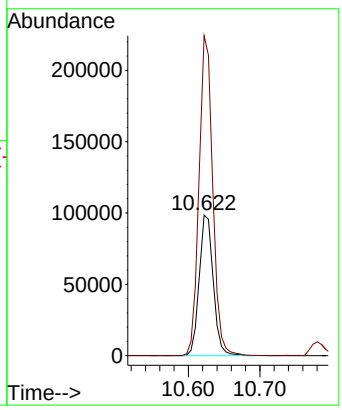





#69
o-Xylene
Concen: 48.426 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:106 Resp: 13432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.0 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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Reviewed By :John Carlone 10/27/2025
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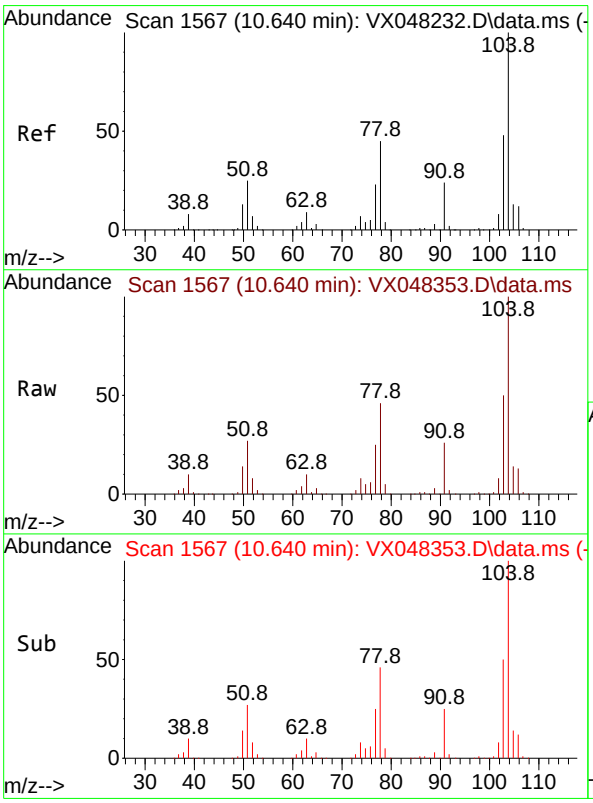
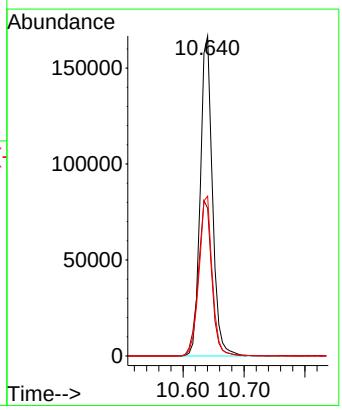
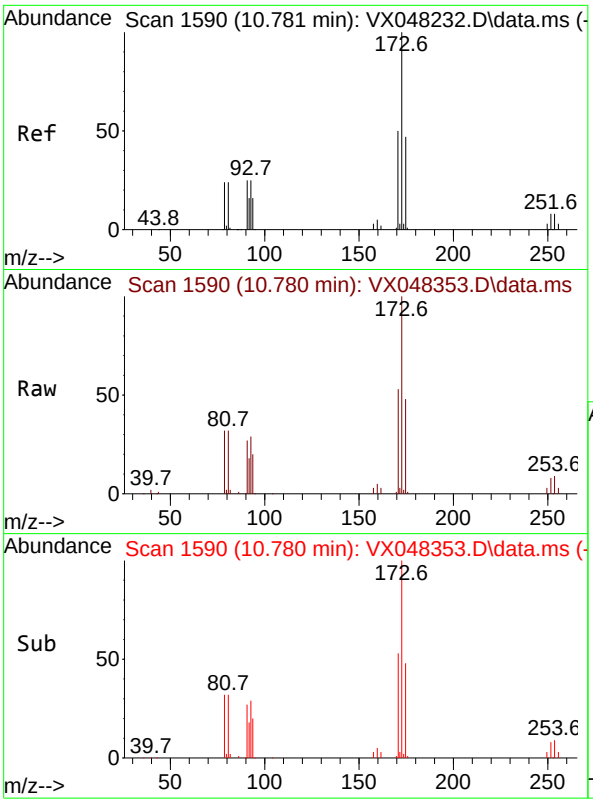



#70
Styrene
Concen: 49.017 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:104 Resp: 231504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.8 | 42.2 | 63.4 |
| 103 | 54.1 | 43.0 | 64.4 |

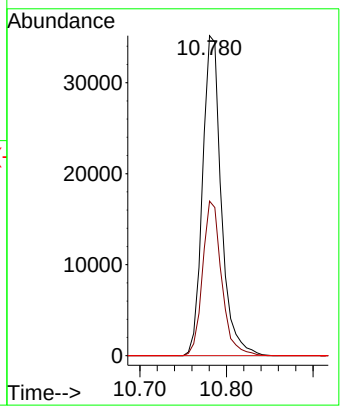





#71
Bromoform
Concen: 39.641 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:173 Resp: 5285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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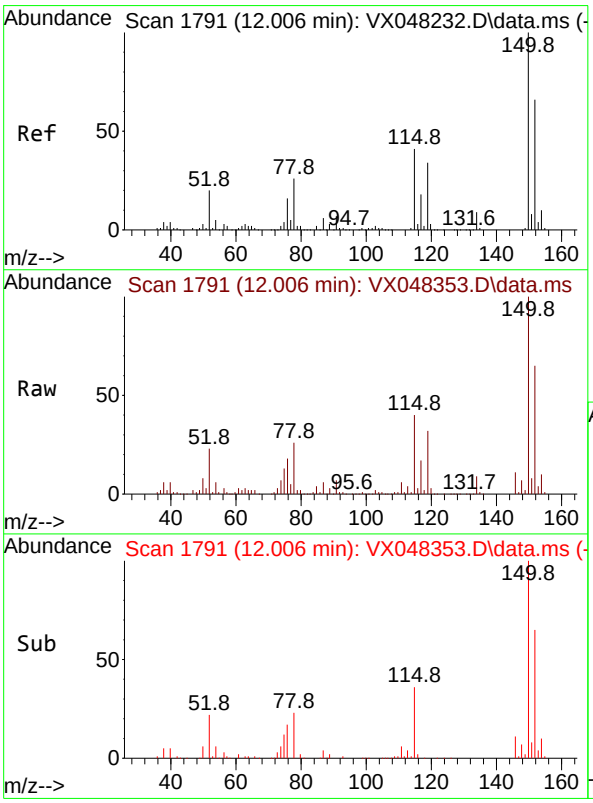
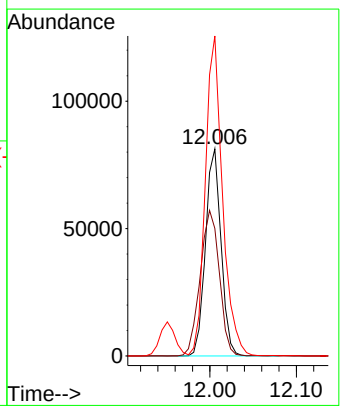
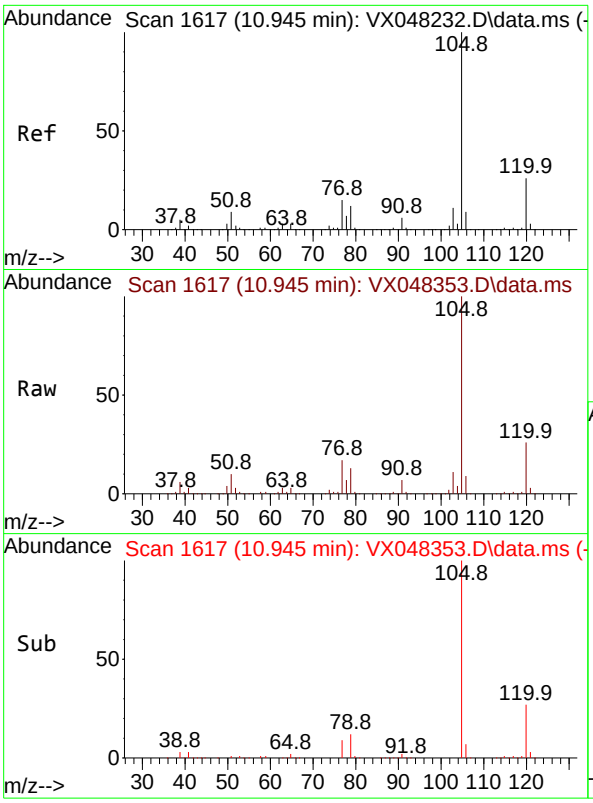



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:152 Resp: 101580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 86.7 | 43.1 | 129.4 |
| 150 | 170.0 | 0.0 | 353.0 |






#73
Isopropylbenzene
Concen: 48.486 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:105 Resp: 359746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.0 | 13.0 | 38.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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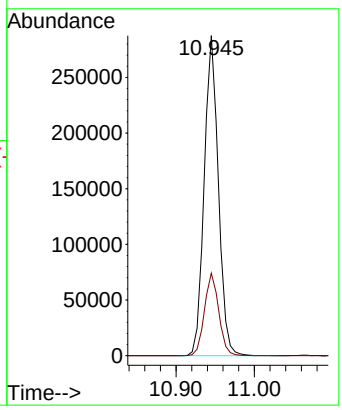
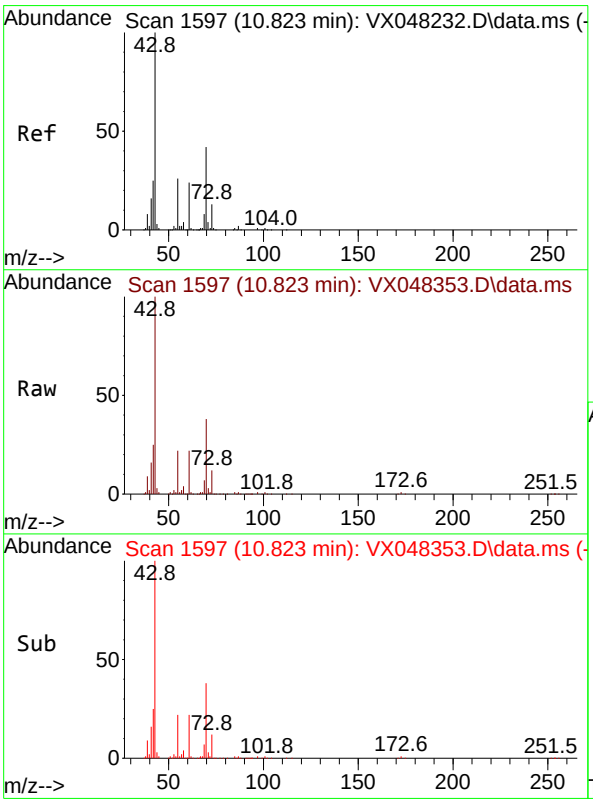
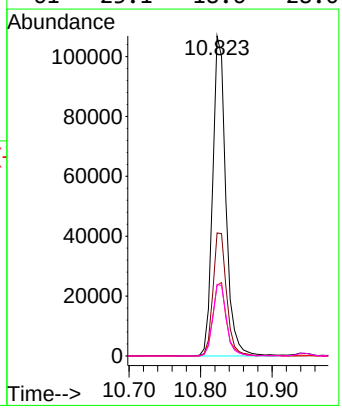


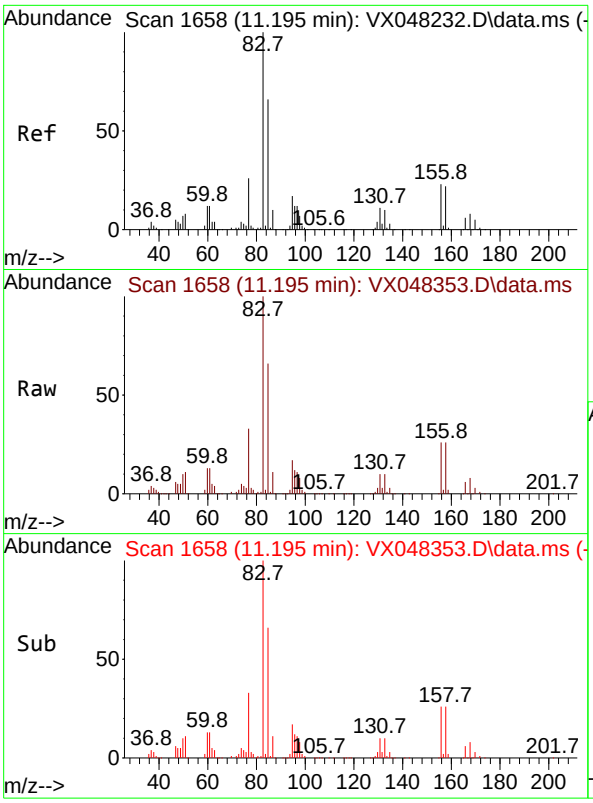




#74
N-amyl acetate
Concen: 51.949 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 136716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 39.9 | 32.2 | 48.2 |
| 55 | 23.5 | 19.1 | 28.7 |
| 61 | 23.1 | 18.6 | 28.0 |

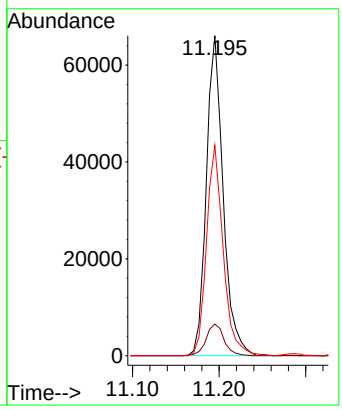





#75
1,1,2,2-Tetrachloroethane
Concen: 44.044 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 83 Resp: 8923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.5 | 4.8 | 14.4 |
| 85 | 65.1 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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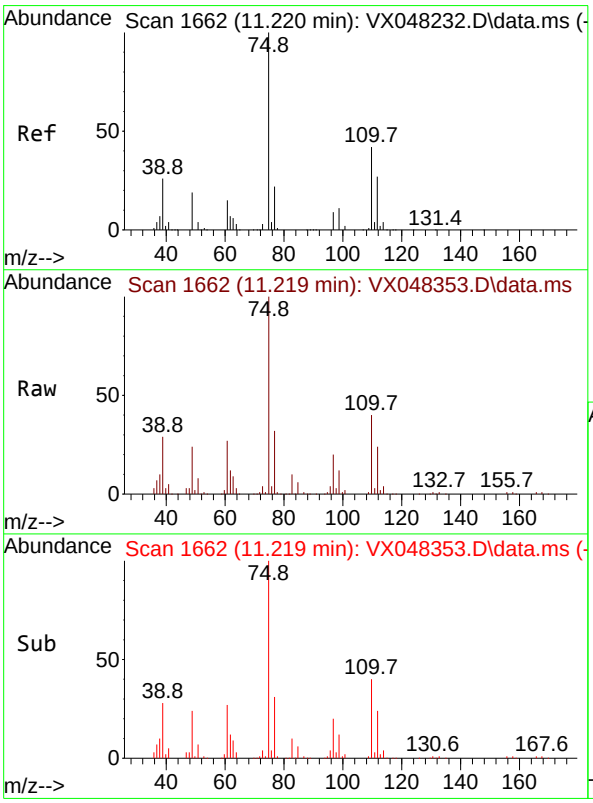
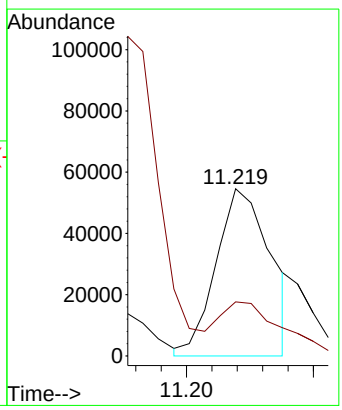
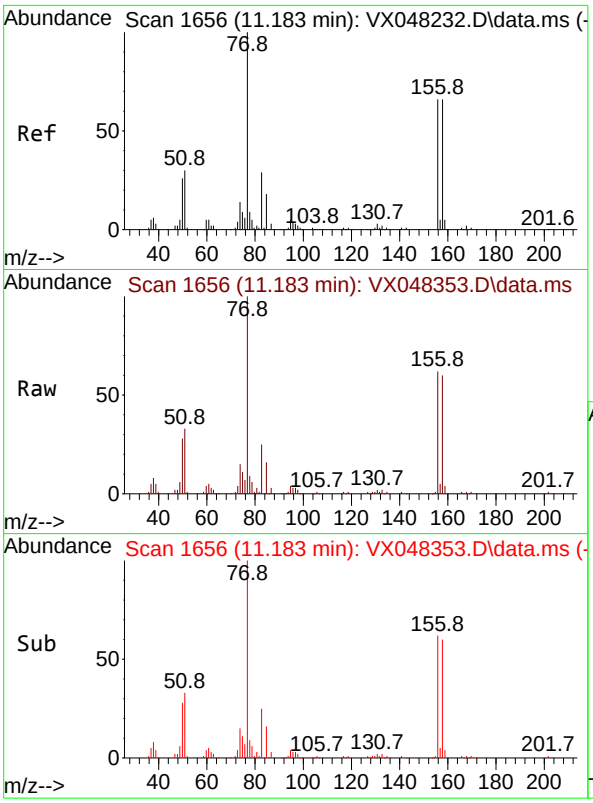



#76
1,2,3-Trichloropropane
Concen: 49.393 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 81364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.2 | 22.4 | 67.2 |






#77
Bromobenzene
Concen: 45.528 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:156 Resp: 8469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 173.4 | 87.0 | 261.0 |
| 158 | 97.0 | 47.8 | 143.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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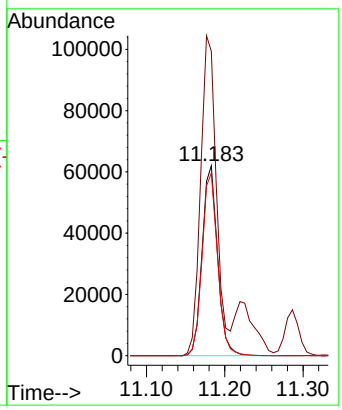
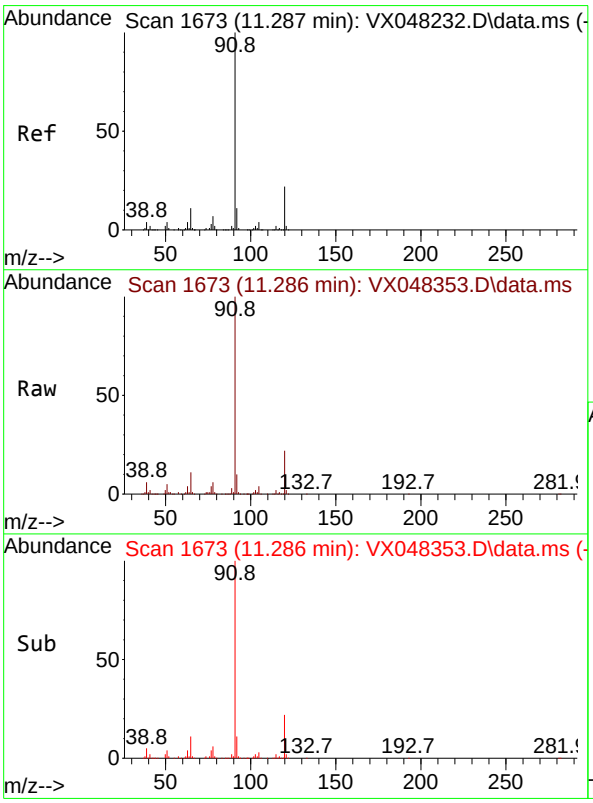
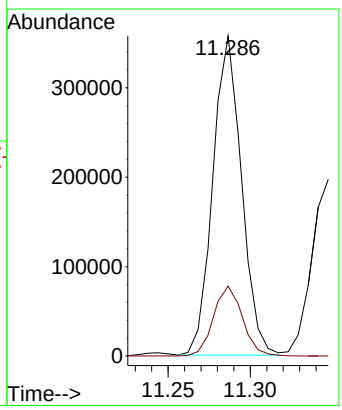


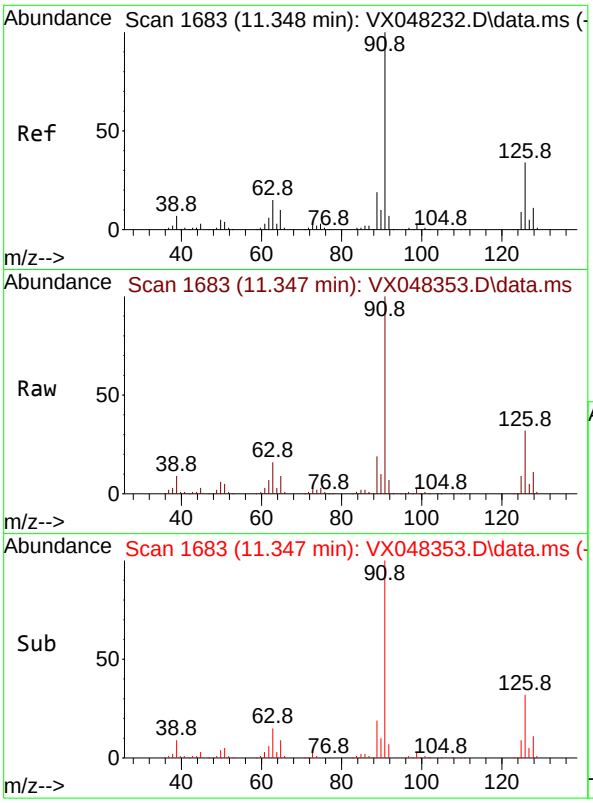




#78
n-propylbenzene
Concen: 50.437 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 91 Resp: 433271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.0 | 11.1 | 33.1 |

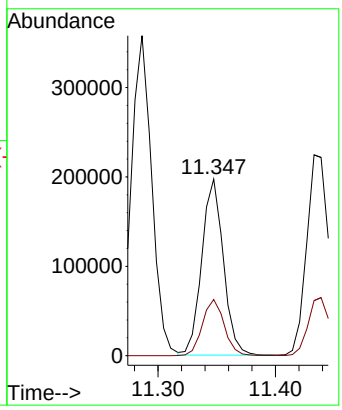





#79
2-Chlorotoluene
Concen: 48.357 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 91 Resp: 25185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.3 | 16.4 | 49.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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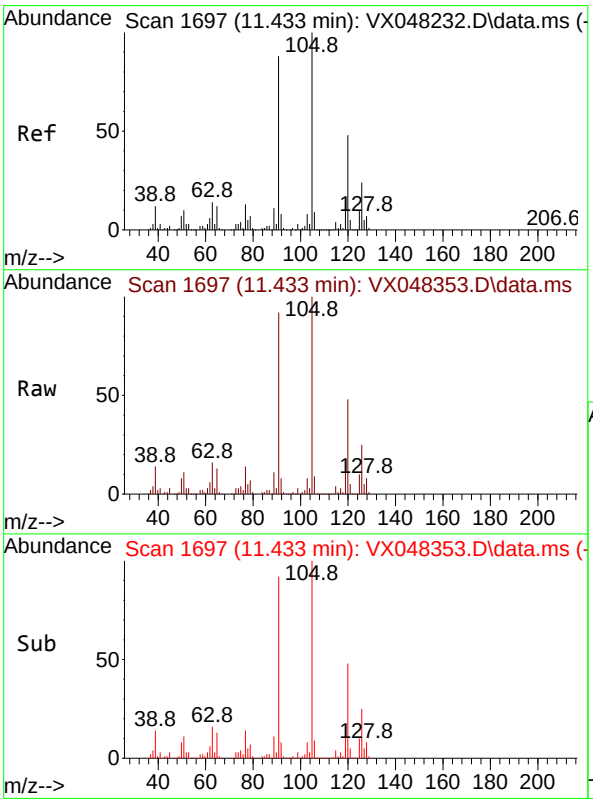
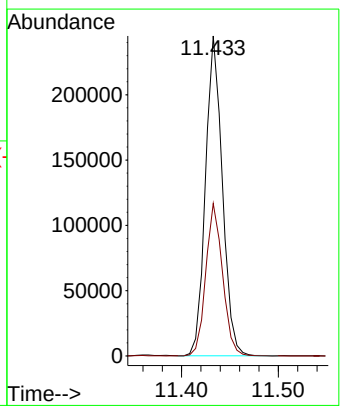
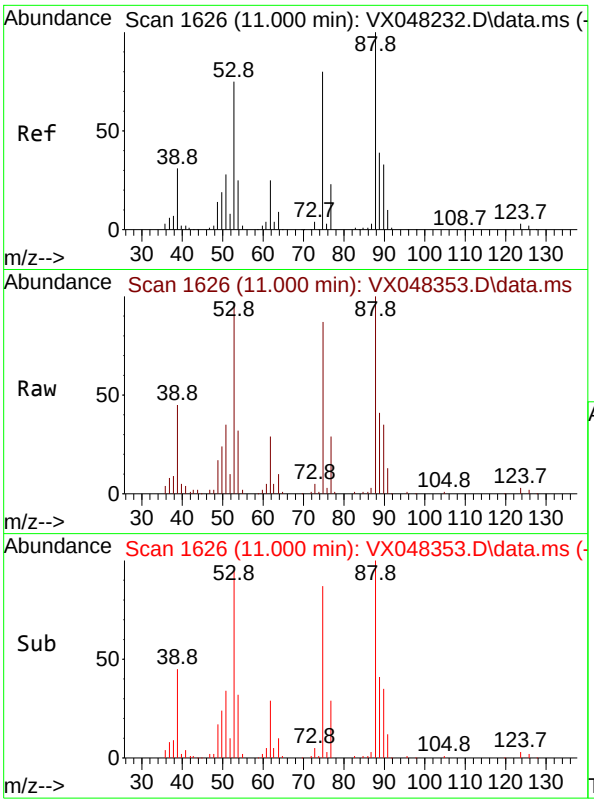



#80
1,3,5-Trimethylbenzene
Concen: 48.442 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:105 Resp: 297431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.4 | 24.0 | 72.0 |

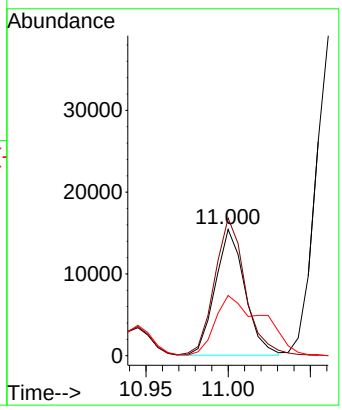





#81
trans-1,4-Dichloro-2-butene
Concen: 28.518 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 1930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 114.4 | 79.5 | 119.3 |
| 89 | 77.5 | 36.8 | 55.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
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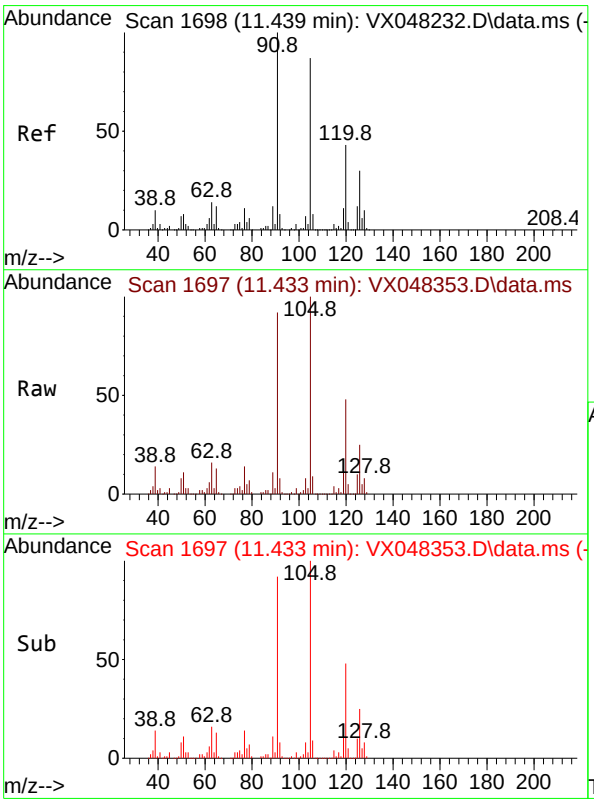
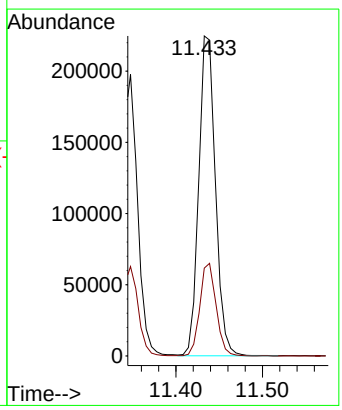
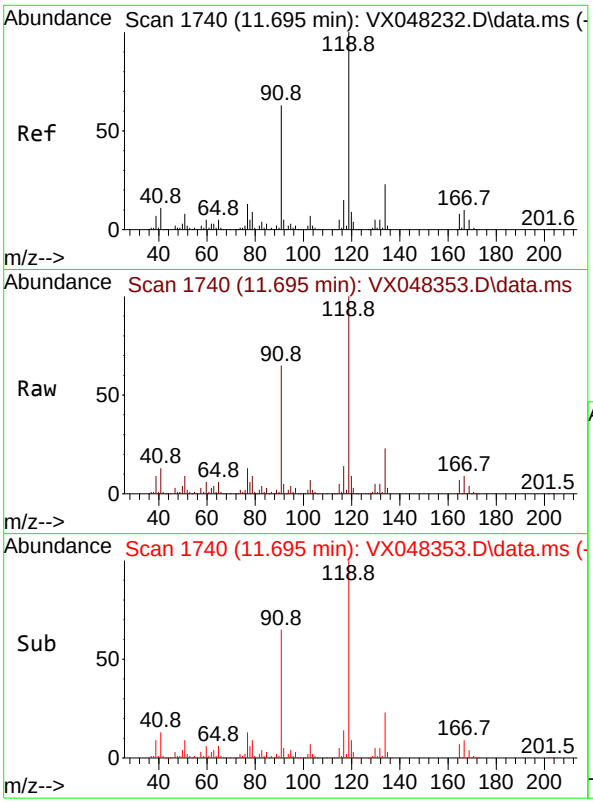



#82
4-Chlorotoluene
Concen: 48.674 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 91 Resp: 300933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.3 | 14.1 | 42.4 |

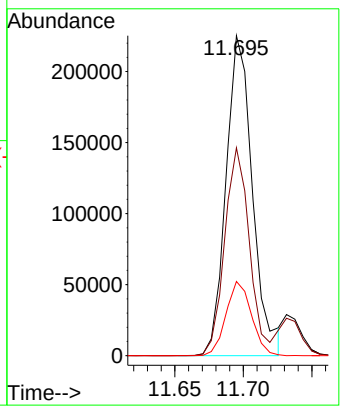





#83
tert-Butylbenzene
Concen: 48.055 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:119 Resp: 30315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 60.7 | 30.3 | 91.0 |
| 134 | 22.3 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

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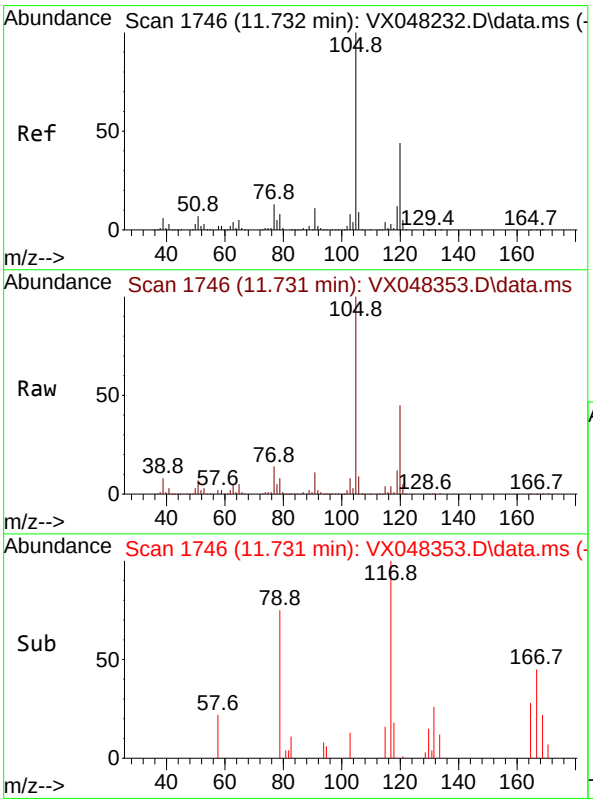
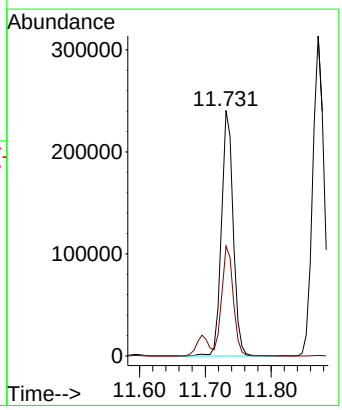
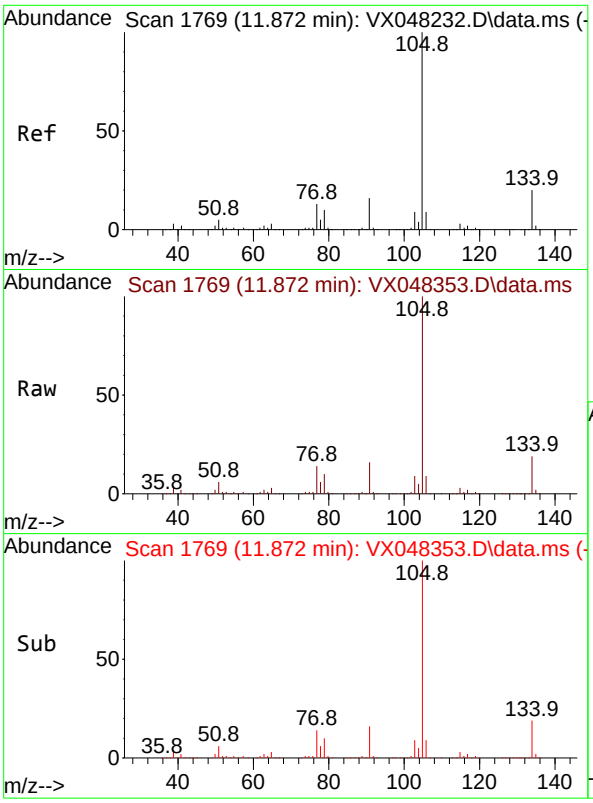



#84
1,2,4-Trimethylbenzene
Concen: 48.628 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:105 Resp: 297974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.0 | 22.1 | 66.5 |

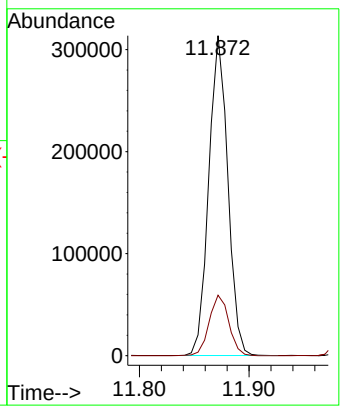





#85
sec-Butylbenzene
Concen: 49.795 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:105 Resp: 37793

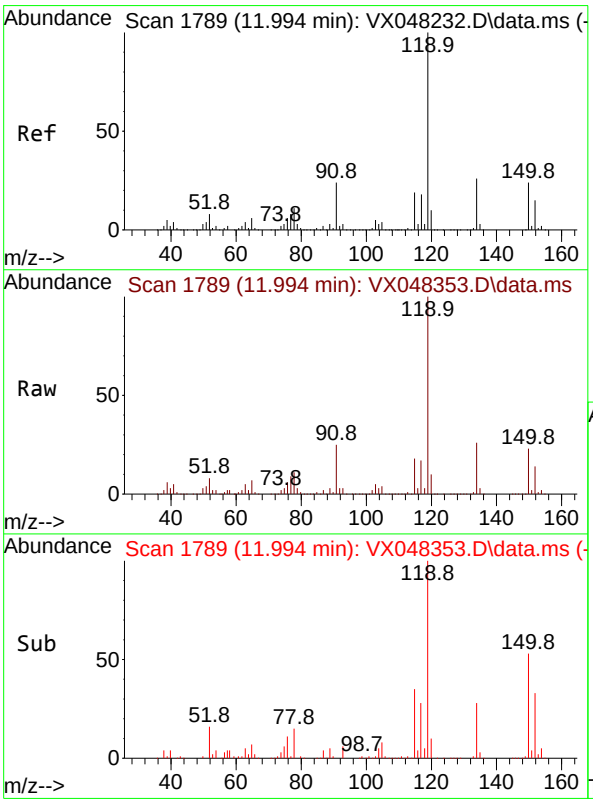
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.6 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

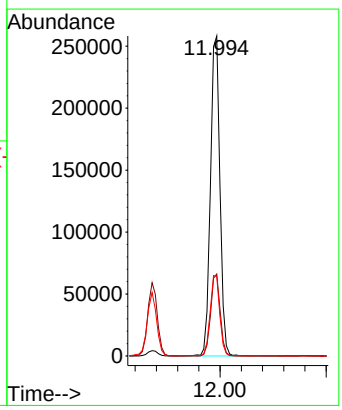
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

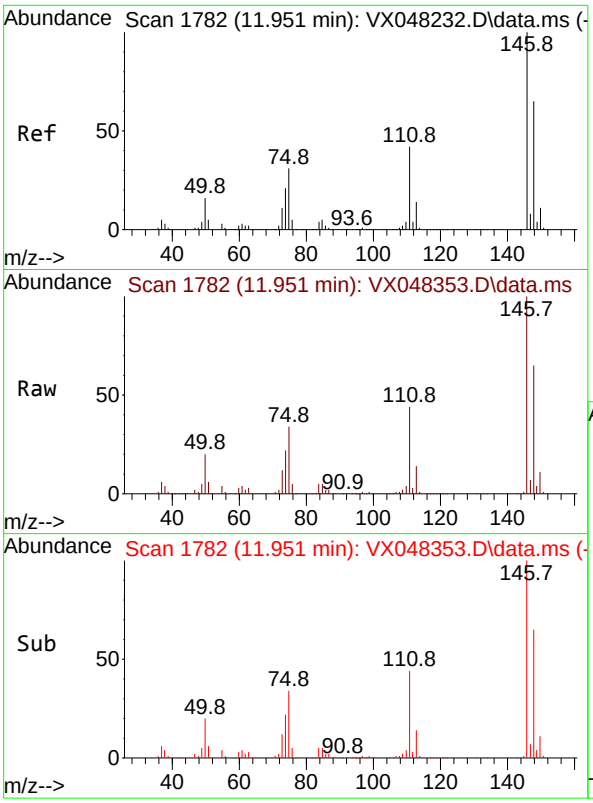



#86
p-Isopropyltoluene
Concen: 48.680 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:119 Resp: 319358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 13.0 | 39.0 |
| 91 | 25.5 | 12.1 | 36.3 |

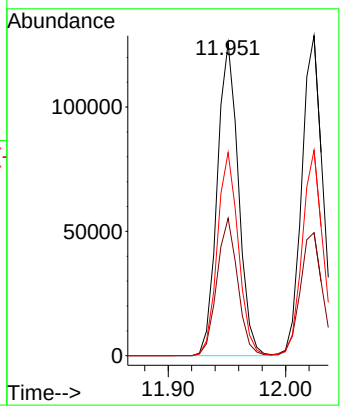





#87
1,3-Dichlorobenzene
Concen: 44.932 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:146 Resp: 15758

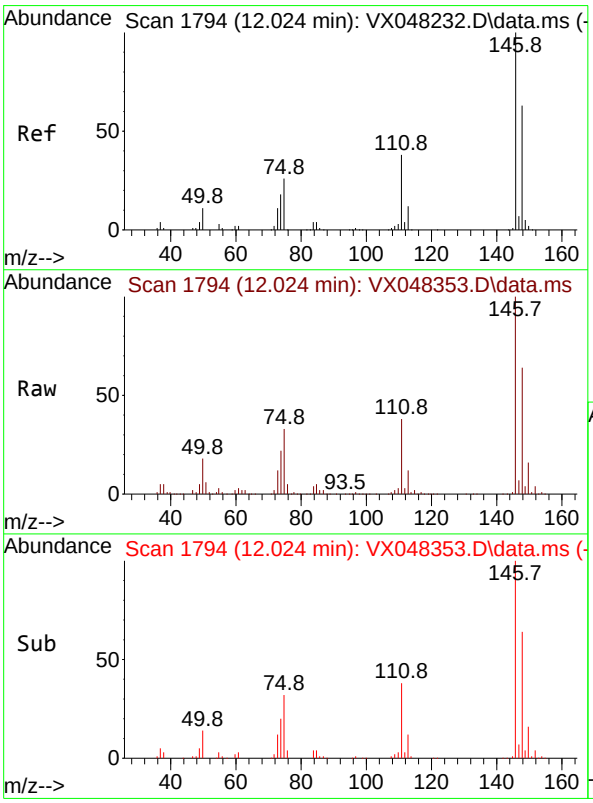
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.3 | 20.4 | 61.2 |
| 148 | 64.3 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

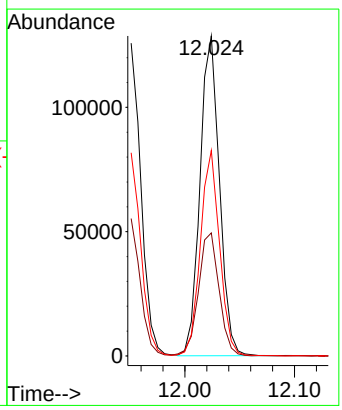
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

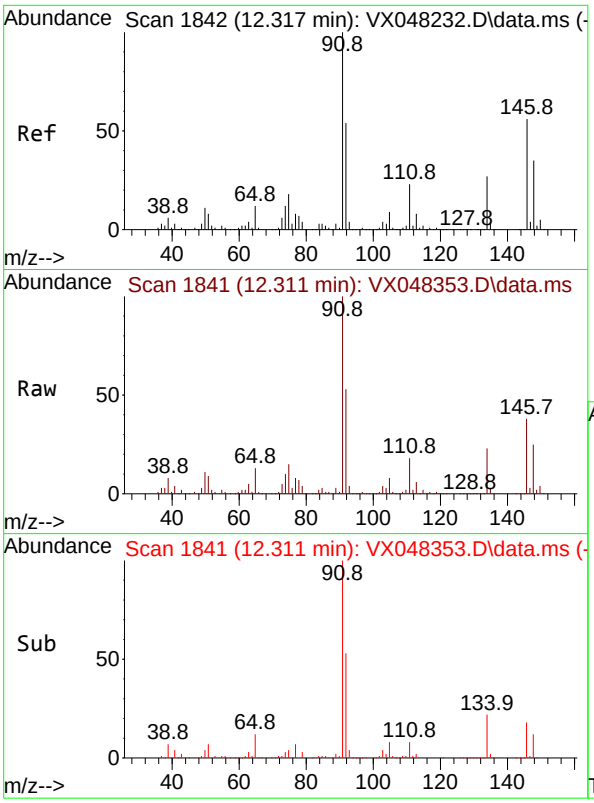



#88
1,4-Dichlorobenzene
Concen: 43.644 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:146 Resp: 158565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.7 | 20.1 | 60.2 |
| 148 | 63.6 | 31.8 | 95.3 |






#89
n-Butylbenzene
Concen: 51.016 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

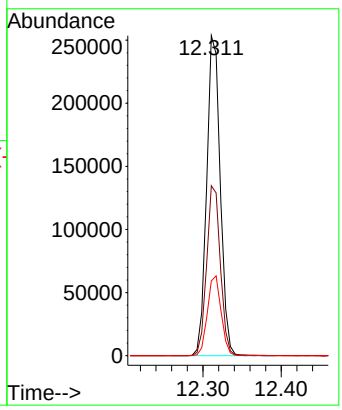
Tgt Ion: 91 Resp: 30462

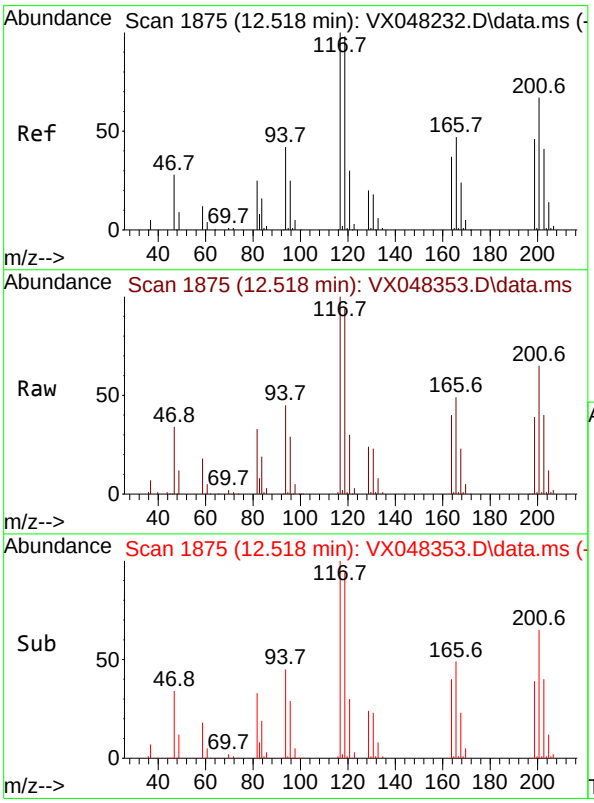
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.5 | 26.9 | 80.6 |
| 134 | 25.1 | 12.7 | 38.1 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

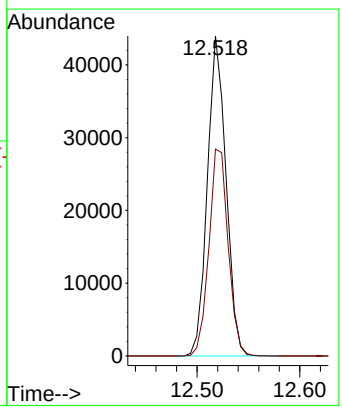


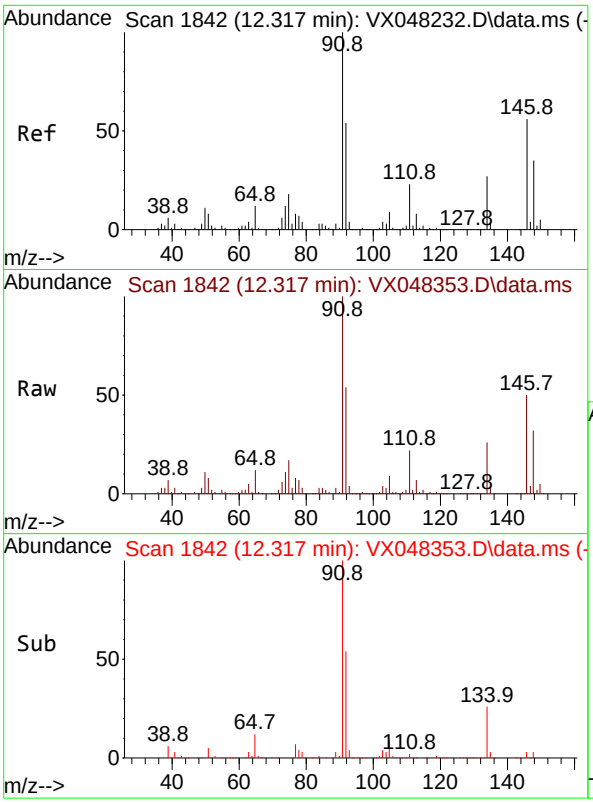




#90
Hexachloroethane
Concen: 42.679 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:117 Resp: 55291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 66.9 | 34.1 | 102.2 |

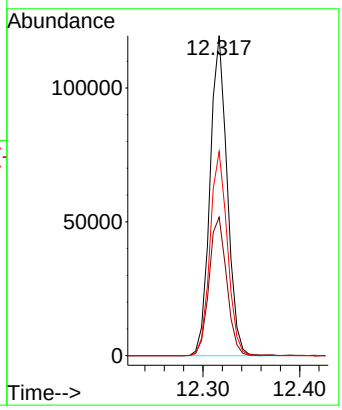





#91
1,2-Dichlorobenzene
Concen: 44.694 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:146 Resp: 14716

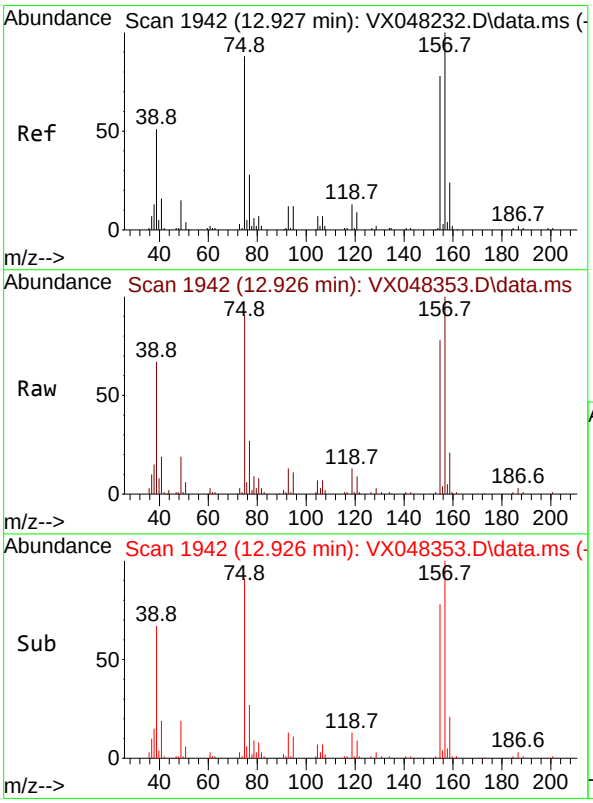
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.5 | 21.9 | 65.5 |
| 148 | 64.6 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

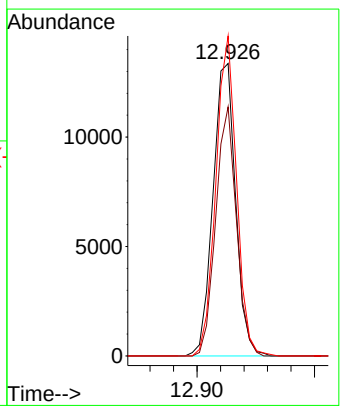
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

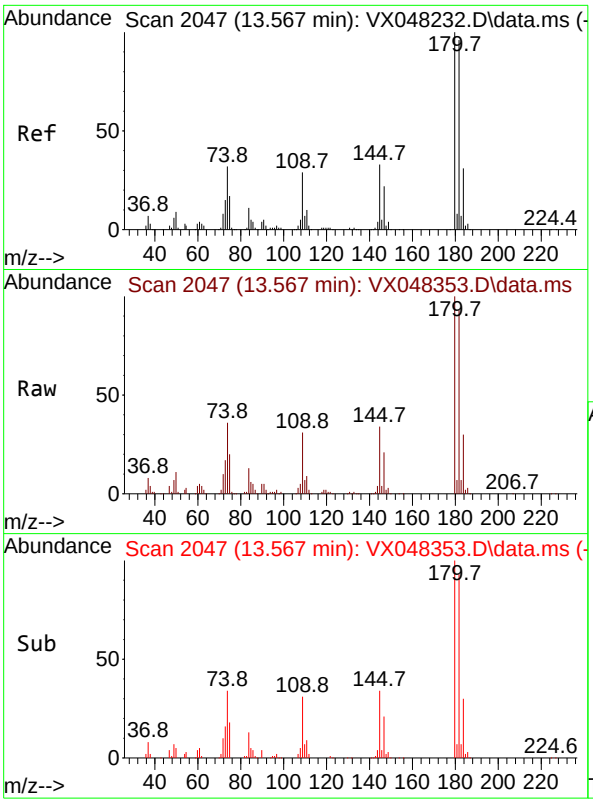



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.426 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 17860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 78.1 | 42.8 | 128.4 |
| 157 | 100.2 | 54.2 | 162.6 |

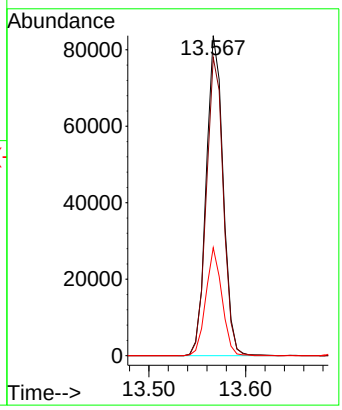





#93
1,2,4-Trichlorobenzene
Concen: 45.654 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:180 Resp: 10166

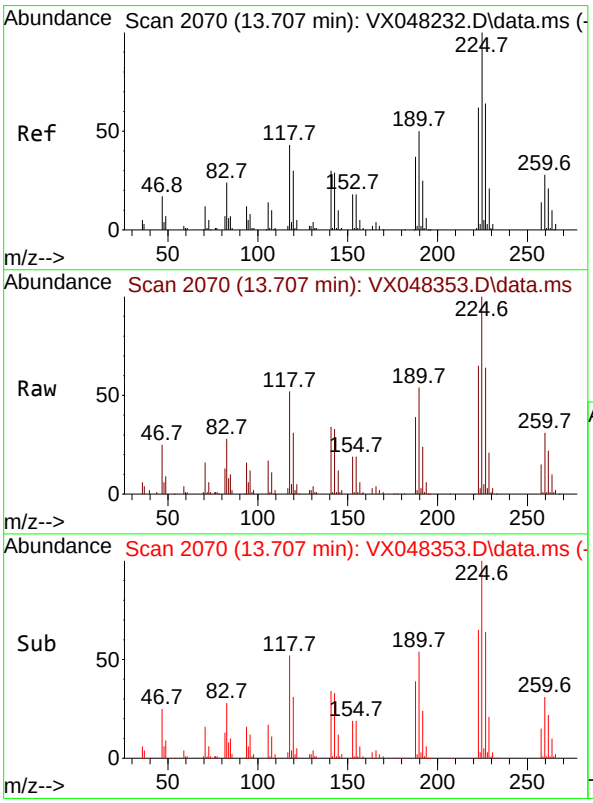
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.7 | 47.3 | 142.0 |
| 145 | 32.2 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations APPROVED**

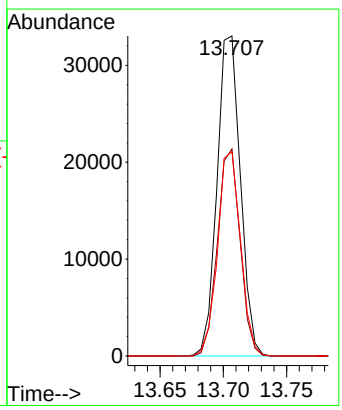
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

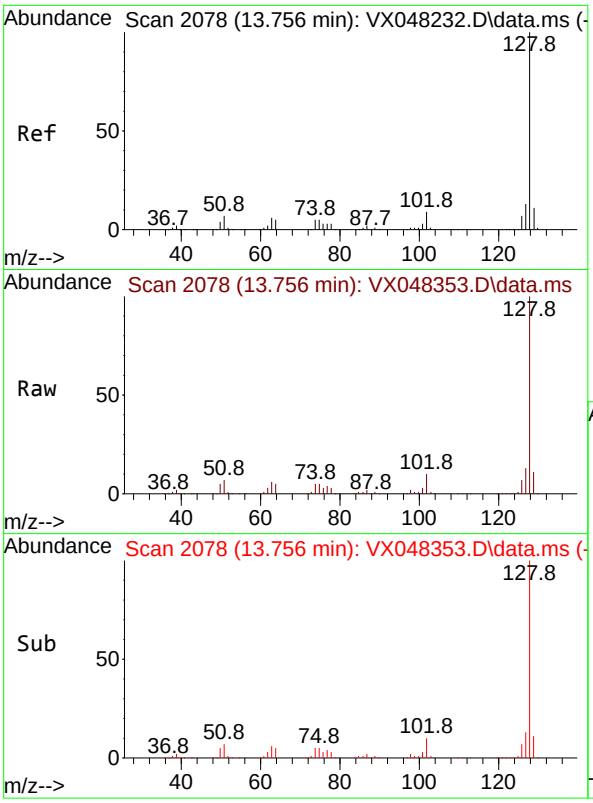



#94
Hexachlorobutadiene
Concen: 50.828 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:225 Resp: 42413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.5 | 32.6 | 97.7 |
| 227 | 62.7 | 32.5 | 97.4 |

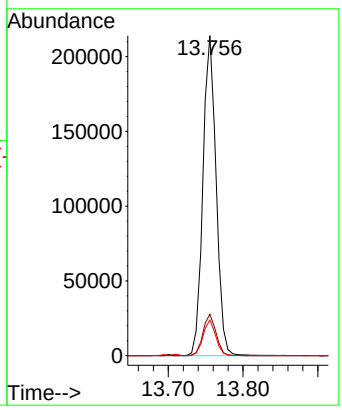





#95
Naphthalene
Concen: 44.472 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:128 Resp: 26236

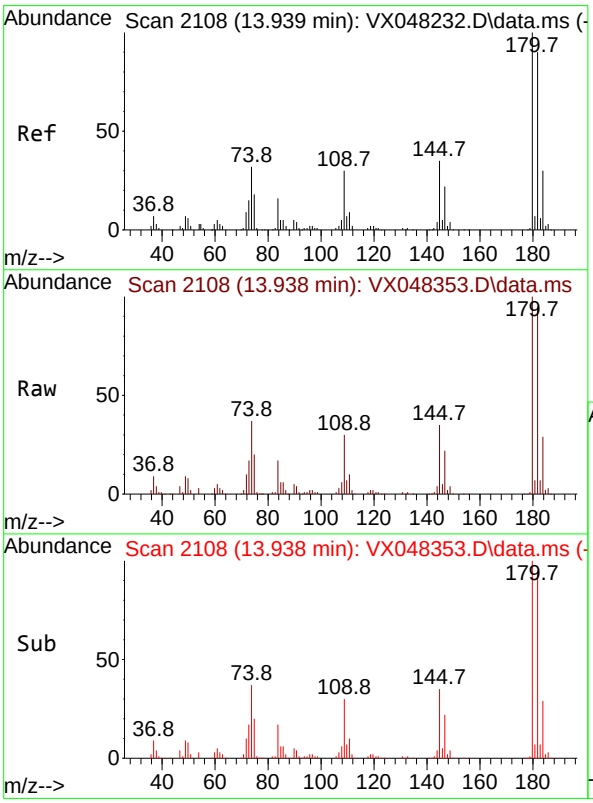
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.2 | 15.4 |
| 129 | 10.7 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

**Manual Integrations**
**APPROVED**

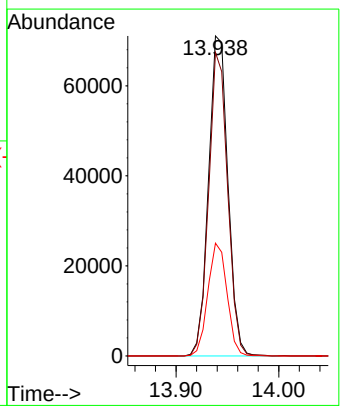
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025




#96
1,2,3-Trichlorobenzene
Concen: 45.740 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:180 Resp: 93463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.6 | 46.6 | 139.7 |
| 145 | 34.7 | 16.9 | 50.7 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 111 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.514 | 0.457 | 11.1 | 105 | 0.00 |
| 3 | P | Chloromethane | 0.480 | 0.230 | 52.1# | 57 | 0.00 |
| 4 | C | Vinyl Chloride | 0.444 | 0.606 | -36.5# | 161# | 0.00 |
| 5 | T | Bromomethane | 0.302 | 0.212 | 29.8# | 83 | 0.00 |
| 6 | T | Chloroethane | 0.261 | 0.364 | -39.5# | 164# | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.852 | 1.040 | -22.1 | 143 | 0.00 |
| 8 | T | Diethyl Ether | 0.240 | 0.341 | -42.1# | 170# | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.540 | 0.562 | -4.1 | 124 | 0.00 |
| 10 | T | Methyl Iodide | 0.678 | 1.969 | -190.4# | 329# | 0.00 |
| 11 | T | Tert butyl alcohol | 0.070 | 0.052 | 25.7# | 94 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.525 | 0.541 | -3.0# | 124 | 0.00 |
| 13 | T | Acrolein | 0.071 | 0.086 | -21.1 | 146 | 0.00 |
| 14 | T | Allyl chloride | 0.872 | 0.917 | -5.2 | 126 | 0.00 |
| 15 | T | Acrylonitrile | 0.251 | 0.240 | 4.4 | 111 | 0.00 |
| 16 | T | Acetone | 0.240 | 0.186 | 22.5 | 102 | 0.00 |
| 17 | T | Carbon Disulfide | 1.654 | 1.469 | 11.2 | 113 | 0.00 |
| 18 | T | Methyl Acetate | 0.502 | 0.515 | -2.6 | 122 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.791 | 1.762 | 1.6 | 114 | 0.00 |
| 20 | T | Methylene Chloride | 0.586 | 0.572 | 2.4 | 115 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.577 | 0.563 | 2.4 | 117 | 0.00 |
| 22 | T | Diisopropyl ether | 1.738 | 1.972 | -13.5 | 131 | 0.00 |
| 23 | T | Vinyl Acetate | 1.389 | 1.363 | 1.9 | 112 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.051 | 1.093 | -4.0 | 124 | 0.00 |
| 25 | T | 2-Butanone | 0.304 | 0.265 | 12.8 | 104 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.949 | 0.957 | -0.8 | 121 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.673 | 0.671 | 0.3 | 119 | 0.00 |
| 28 | T | Bromochloromethane | 0.436 | 0.460 | -5.5 | 115 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.182 | 0.174 | 4.4 | 113 | 0.00 |
| 30 | C | Chloroform | 1.123 | 1.134 | -1.0# | 120 | 0.00 |
| 31 | T | Cyclohexane | 0.870 | 0.937 | -7.7 | 126 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 1.035 | 1.019 | 1.5 | 116 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.701 | 0.681 | 2.9 | 110 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.341 | 0.269 | 21.1 | 93 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.485 | 0.450 | 7.2 | 119 | 0.00 |
| 37 | T | Ethyl Acetate | 0.402 | 0.411 | -2.2 | 128 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.599 | 0.525 | 12.4 | 108 | 0.00 |
| 39 | T | Methylcyclohexane | 0.573 | 0.570 | 0.5 | 121 | 0.00 |
| 40 | TM | Benzene | 1.409 | 1.352 | 4.0 | 119 | 0.00 |
| 41 | T | Methacrylonitrile | 0.211 | 0.211 | 0.0 | 118 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.520 | 0.518 | 0.4 | 119 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.661 | 0.660 | 0.2 | 119 | 0.00 |
| 44 | TM | Trichloroethene | 0.372 | 0.346 | 7.0 | 114 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.335 | 0.341 | -1.8# | 121 | 0.00 |
| 46 | T | Dibromomethane | 0.261 | 0.243 | 6.9 | 112 | 0.00 |
| 47 | T | Bromodichloromethane | 0.563 | 0.530 | 5.9 | 113 | 0.00 |
| 48 | T | Methyl methacrylate | 0.333 | 0.334 | -0.3 | 119 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.004 | 0.003 | 25.0 | 87 | 0.00 |
| 50 | S | Toluene-d8 | 1.196 | 1.117 | 6.6 | 108 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.381 | 0.370 | 2.9 | 112 | 0.00 |
| 52 | CM | Toluene | 0.895 | 0.849 | 5.1# | 113 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.543 | 0.483 | 11.0 | 101 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.586 | 0.499 | 14.8 | 100 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.333 | 0.306 | 8.1 | 109 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.487 | 0.463 | 4.9 | 108 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.568 | 0.540 | 4.9 | 113 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.232 | 0.260 | -12.1 | 114 | 0.00 |
| 59 | T | 2-Hexanone | 0.266 | 0.251 | 5.6 | 108 | 0.00 |
| 60 | T | Dibromochloromethane | 0.447 | 0.382 | 14.5 | 103 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.355 | 0.313 | 11.8 | 105 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.455 | 0.412 | 9.5 | 106 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 109 | 0.00 |
| 64 | T | Tetrachloroethene | 0.373 | 0.355 | 4.8 | 118 | 0.00 |
| 65 | PM | Chlorobenzene | 1.125 | 1.054 | 6.3 | 110 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.413 | 0.375 | 9.2 | 105 | 0.00 |
| 67 | C | Ethyl Benzene | 1.915 | 1.877 | 2.0# | 113 | 0.00 |
| 68 | T | m/p-Xylenes | 0.712 | 0.700 | 1.7 | 111 | 0.00 |
| 69 | T | o-Xylene | 0.687 | 0.665 | 3.2 | 110 | 0.00 |
| 70 | T | Styrene | 1.170 | 1.147 | 2.0 | 110 | 0.00 |
| 71 | P | Bromoform | 0.330 | 0.262 | 20.6 | 93 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 110 | 0.00 |
| 73 | T | Isopropylbenzene | 3.652 | 3.541 | 3.0 | 113 | 0.00 |
| 74 | T | N-amyl acetate | 1.295 | 1.346 | -3.9 | 118 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.997 | 0.879 | 11.8 | 102 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.811 | 0.801 | 1.2 | 119 | 0.00 |
| 77 | T | Bromobenzene | 0.916 | 0.834 | 9.0 | 106 | 0.00 |
| 78 | T | n-propylbenzene | 4.228 | 4.265 | -0.9 | 116 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.564 | 2.479 | 3.3 | 113 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 3.022 | 2.928 | 3.1 | 112 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.333 | 0.190 | 42.9# | 66 | 0.00 |
| 82 | T | 4-Chlorotoluene | 3.043 | 2.963 | 2.6 | 113 | 0.00 |
| 83 | T | tert-Butylbenzene | 3.105 | 2.984 | 3.9 | 112 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 3.016 | 2.933 | 2.8 | 112 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.736 | 3.721 | 0.4 | 117 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.229 | 3.144 | 2.6 | 115 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.726 | 1.551 | 10.1 | 110 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.788 | 1.561 | 12.7 | 108 | 0.00 |
| 89 | T | n-Butylbenzene | 2.939 | 2.999 | -2.0 | 125 | 0.00 |
| 90 | T | Hexachloroethane | 0.638 | 0.544 | 14.7 | 105 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.621 | 1.449 | 10.6 | 106 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.202 | 0.176 | 12.9 | 99 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.096 | 1.001 | 8.7 | 114 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.507 | 0.418 | 17.6 | 123 | 0.00 |
| 95 | T | Naphthalene | 2.904 | 2.583 | 11.1 | 102 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 1.006 | 0.920 | 8.5 | 111 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 111 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 44.408 | 11.2 | 105 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 24.009 | 52.0# | 57 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 68.154 | -36.3# | 161 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 35.116 | 29.8# | 83 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 69.795 | -39.6# | 164 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 61.011 | -22.0 | 143 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 71.117 | -42.2# | 170 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 52.078 | -4.2 | 124 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 145.110 | -190.2# | 329 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 188.008 | 24.8 | 94 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 51.547 | -3.1# | 124 | 0.00 |
| 13 | T | Acrolein | 250.000 | 303.455 | -21.4 | 146 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 52.626 | -5.3 | 126 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 239.471 | 4.2 | 111 | 0.00 |
| 16 | T | Acetone | 250.000 | 193.768 | 22.5 | 102 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 44.407 | 11.2 | 113 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 51.241 | -2.5 | 122 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 49.188 | 1.6 | 114 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 48.781 | 2.4 | 115 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 48.846 | 2.3 | 117 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 56.729 | -13.5 | 131 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 245.353 | 1.9 | 112 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 52.017 | -4.0 | 124 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 217.495 | 13.0 | 104 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 50.451 | -0.9 | 121 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 49.885 | 0.2 | 119 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 52.749 | -5.5 | 115 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 239.119 | 4.4 | 113 | 0.00 |
| 30 | C | Chloroform | 50.000 | 50.495 | -1.0# | 120 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 53.842 | -7.7 | 126 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 49.248 | 1.5 | 116 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 48.565 | 2.9 | 110 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 114 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 39.419 | 21.2 | 93 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 46.369 | 7.3 | 119 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 51.057 | -2.1 | 128 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 43.846 | 12.3 | 108 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 49.732 | 0.5 | 121 | 0.00 |
| 40 | TM | Benzene | 50.000 | 47.991 | 4.0 | 119 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 49.974 | 0.1 | 118 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 49.865 | 0.3 | 119 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 49.940 | 0.1 | 119 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 46.488 | 7.0 | 114 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 50.904 | -1.8# | 121 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 46.488 | 7.0 | 112 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 47.075 | 5.8 | 113 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 50.123 | -0.2 | 119 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 767.869 | 23.2 | 87 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 46.661 | 6.7 | 108 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 242.909 | 2.8 | 112 | 0.00 |
| 52 | CM | Toluene | 50.000 | 47.417 | 5.2# | 113 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 44.482 | 11.0 | 101 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 42.583 | 14.8 | 100 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 46.020 | 8.0 | 109 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 47.538 | 4.9 | 108 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 47.465 | 5.1 | 113 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 248.040 | 0.8 | 114 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 236.310 | 5.5 | 108 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 42.719 | 14.6 | 103 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 44.069 | 11.9 | 105 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 45.251 | 9.5 | 106 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 109 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 47.502 | 5.0 | 118 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 46.854 | 6.3 | 110 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 45.425 | 9.2 | 105 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 48.997 | 2.0# | 113 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 98.351 | 1.6 | 111 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 48.426 | 3.1 | 110 | 0.00 |
| 70 | T | Styrene | 50.000 | 49.017 | 2.0 | 110 | 0.00 |
| 71 | P | Bromoform | 50.000 | 39.641 | 20.7 | 93 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 110 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 48.486 | 3.0 | 113 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 51.949 | -3.9 | 118 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 44.044 | 11.9 | 102 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 49.393 | 1.2 | 119 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 45.528 | 8.9 | 106 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 50.437 | -0.9 | 116 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 48.357 | 3.3 | 113 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 48.442 | 3.1 | 112 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 28.518 | 43.0# | 66 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 48.674 | 2.7 | 113 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 48.055 | 3.9 | 112 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 48.628 | 2.7 | 112 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 49.795 | 0.4 | 117 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 48.680 | 2.6 | 115 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 44.932 | 10.1 | 110 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 43.644 | 12.7 | 108 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 51.016 | -2.0 | 125 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 42.679 | 14.6 | 105 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 44.694 | 10.6 | 106 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 43.426 | 13.1 | 99 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 45.654 | 8.7 | 114 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 50.828 | -1.7 | 123 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 44.472 | 11.1 | 102 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 45.740 | 8.5 | 111 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

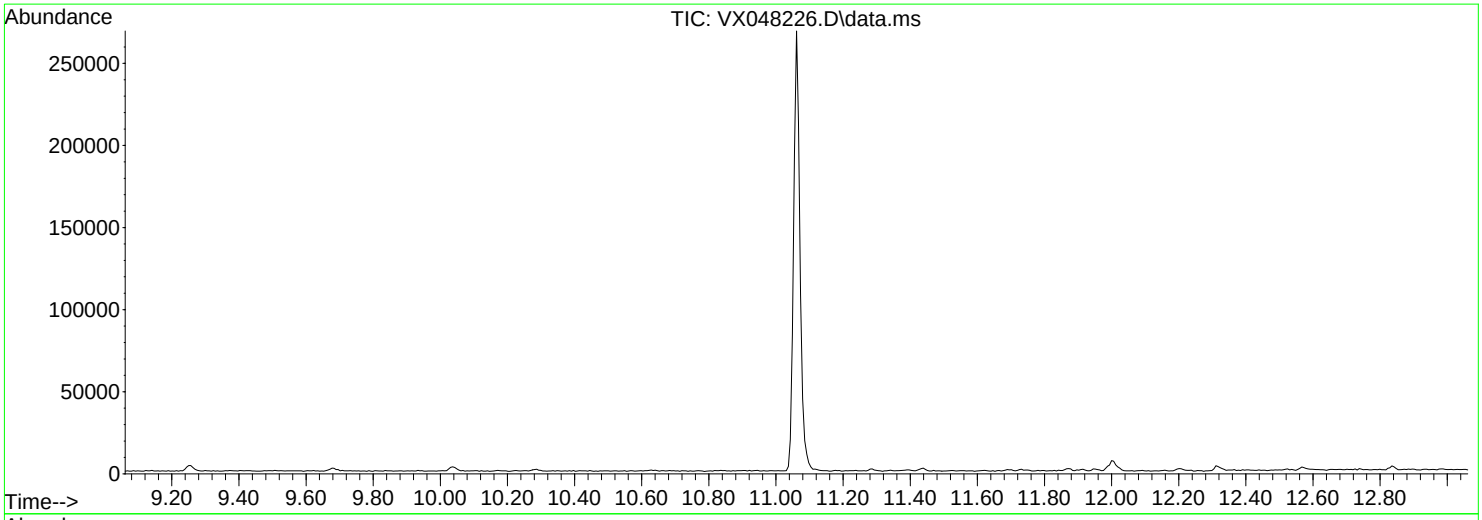
# QC SAMPLE DATA

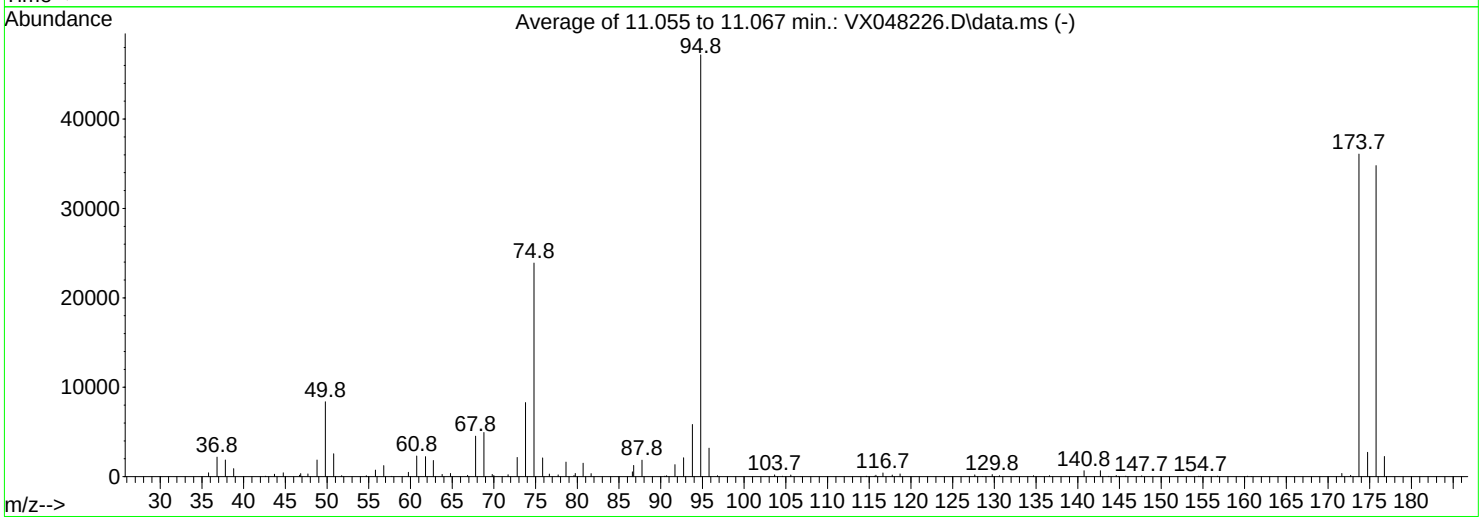
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048226.D
Acq On : 20 Oct 2025 08:15
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025




AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

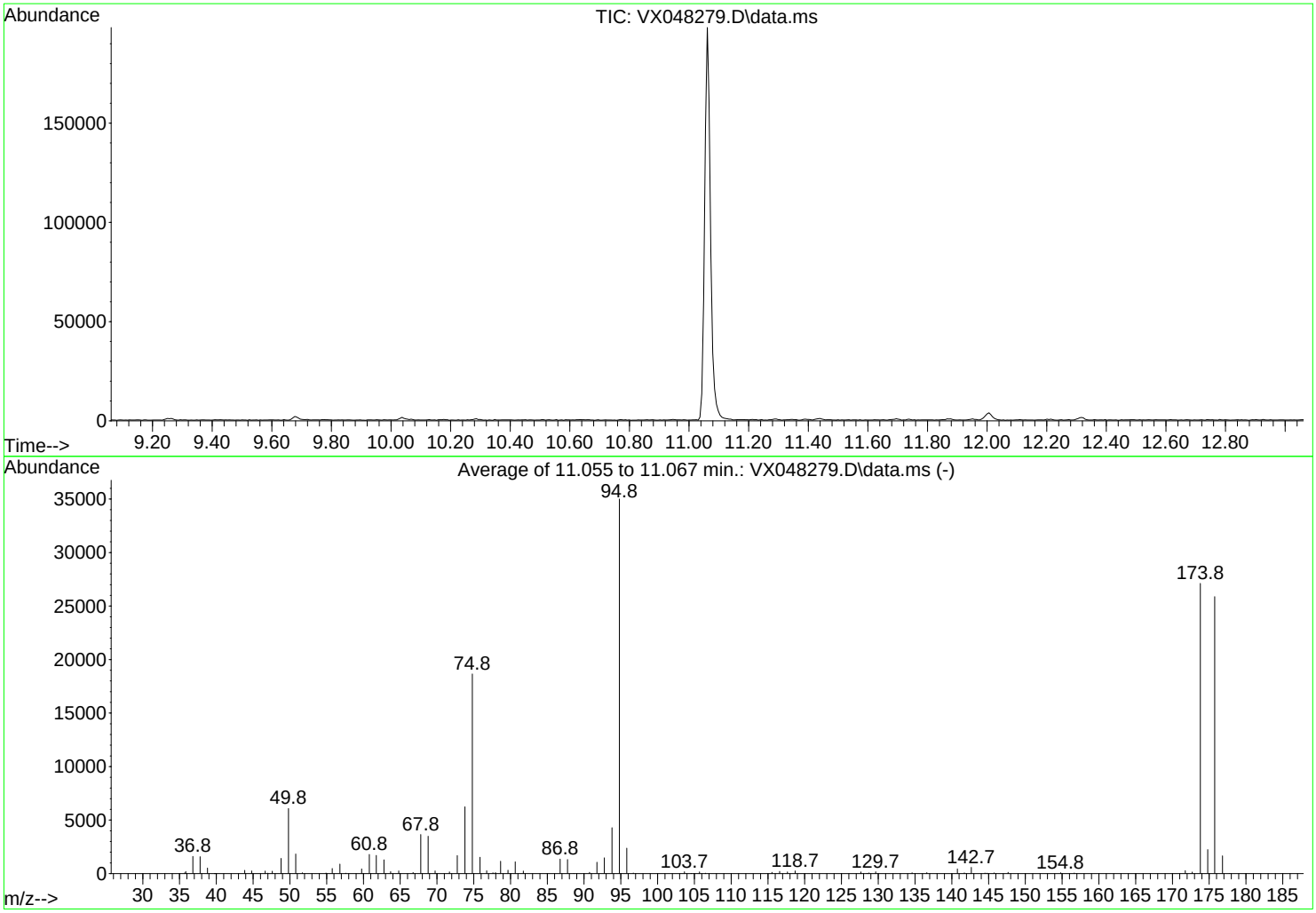
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.7 | 8374 | PASS |
| 75 | 95 | 30 | 60 | 50.7 | 23901 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 47184 | PASS |
| 96 | 95 | 5 | 9 | 6.8 | 3185 | PASS |
| 173 | 174 | 0.00 | 2 | 0.4 | 138 | PASS |
| 174 | 95 | 50 | 100 | 76.5 | 36091 | PASS |
| 175 | 174 | 5 | 9 | 7.5 | 2719 | PASS |
| 176 | 174 | 95 | 101 | 96.4 | 34800 | PASS |
| 177 | 176 | 5 | 9 | 6.5 | 2253 | PASS |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048279.D
Acq On : 22 Oct 2025 08:07
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025




AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

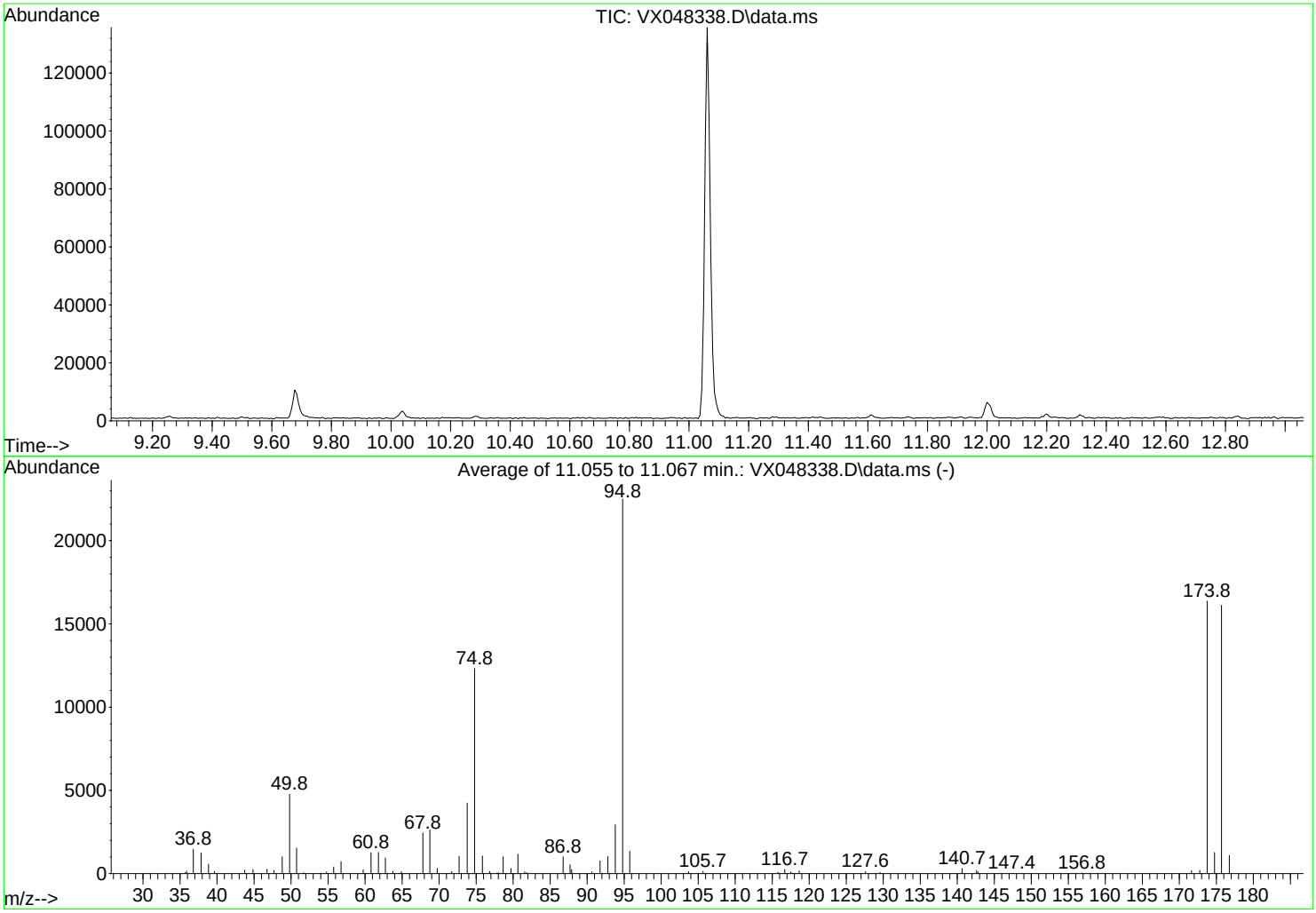
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 17.4 | 6085 | PASS |
| 75 | 95 | 30 | 60 | 53.3 | 18653 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 35005 | PASS |
| 96 | 95 | 5 | 9 | 6.8 | 2374 | PASS |
| 173 | 174 | 0.00 | 2 | 0.5 | 144 | PASS |
| 174 | 95 | 50 | 100 | 77.5 | 27120 | PASS |
| 175 | 174 | 5 | 9 | 8.3 | 2250 | PASS |
| 176 | 174 | 95 | 101 | 95.4 | 25885 | PASS |
| 177 | 176 | 5 | 9 | 6.4 | 1654 | PASS |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048338.D
Acq On : 24 Oct 2025 08:19
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025




AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 21.2 | 4772 | PASS |
| 75 | 95 | 30 | 60 | 54.7 | 12319 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 22504 | PASS |
| 96 | 95 | 5 | 9 | 6.0 | 1351 | PASS |
| 173 | 174 | 0.00 | 2 | 1.2 | 197 | PASS |
| 174 | 95 | 50 | 100 | 72.8 | 16374 | PASS |
| 175 | 174 | 5 | 9 | 7.8 | 1269 | PASS |
| 176 | 174 | 95 | 101 | 98.4 | 16118 | PASS |
| 177 | 176 | 5 | 9 | 6.8 | 1089 | PASS |

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | |
| Client Sample ID: | VX1022WBL01 | SDG No.: | Q3399 |
| Lab Sample ID: | VX1022WBL01 | Matrix: | TCLP |
| Analytical Method: | 8260D Level: LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL Final Vol: 5000 uL | Test: | TCLP VOA |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 75-01-4 | Vinyl Chloride | 0.75 | U | 1 | 0.26 | 0.75 | 1.00 | ug/L | 10/22/25 09:26 | VX102225 |
| 75-35-4 | 1,1-Dichloroethene | 0.75 | U | 1 | 0.23 | 0.75 | 1.00 | ug/L | 10/22/25 09:26 | VX102225 |
| 78-93-3 | 2-Butanone | 2.50 | U | 1 | 0.98 | 2.50 | 5.00 | ug/L | 10/22/25 09:26 | VX102225 |
| 56-23-5 | Carbon Tetrachloride | 0.50 | U | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/22/25 09:26 | VX102225 |
| 67-66-3 | Chloroform | 0.50 | U | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/22/25 09:26 | VX102225 |
| 71-43-2 | Benzene | 0.50 | U | 1 | 0.15 | 0.50 | 1.00 | ug/L | 10/22/25 09:26 | VX102225 |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 1 | 0.22 | 0.50 | 1.00 | ug/L | 10/22/25 09:26 | VX102225 |
| 79-01-6 | Trichloroethene | 0.75 | U | 1 | 0.090 | 0.75 | 1.00 | ug/L | 10/22/25 09:26 | VX102225 |
| 127-18-4 | Tetrachloroethene | 0.50 | U | 1 | 0.23 | 0.50 | 1.00 | ug/L | 10/22/25 09:26 | VX102225 |
| 108-90-7 | Chlorobenzene | 0.50 | U | 1 | 0.12 | 0.50 | 1.00 | ug/L | 10/22/25 09:26 | VX102225 |
| **SURROGATES** | | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.7 | | | 81 - 118 | | 101% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 49.1 | | | 80 - 119 | | 98% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 47.7 | | | 89 - 112 | | 95% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 54.5 | | | 85 - 114 | | 109% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 97900 | | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 185000 | | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 199000 | | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 99800 | | | | | | | | |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048282.D
Acq On : 22 Oct 2025 09:26
Operator : JC/MD
Sample : VX1022WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBL01

Quant Time: Oct 24 05:50:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 97887 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 185129 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 199062 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 99844 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 69611 | 50.720 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 101.440% | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 62055 | 49.099 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 98.200% | | | |
| 50) Toluene-d8 | 8.635 | 98 | 211132 | 47.660 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 95.320% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 91904 | 54.533 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 109.060% | | | |

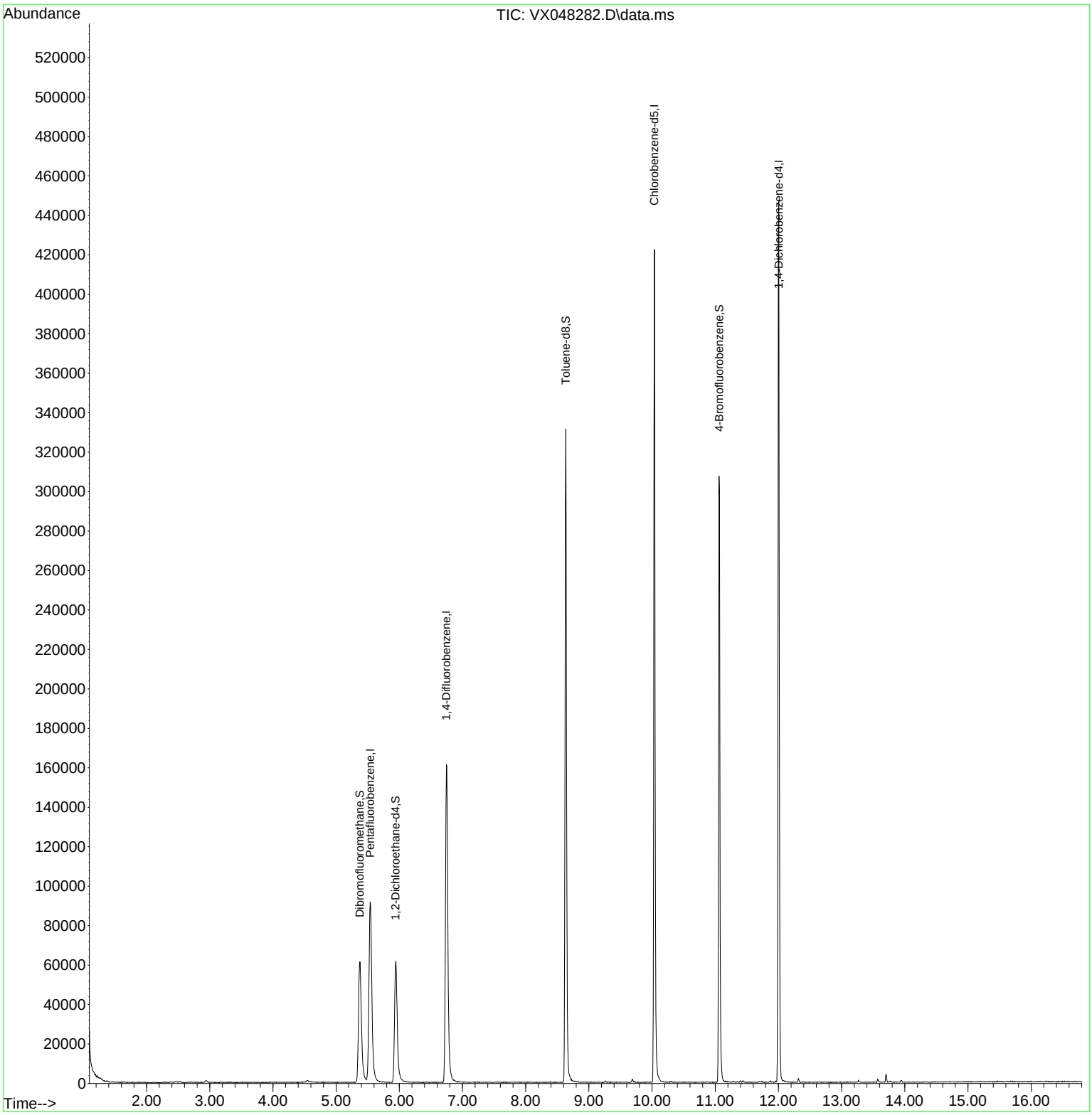
Target Compounds Qvalue

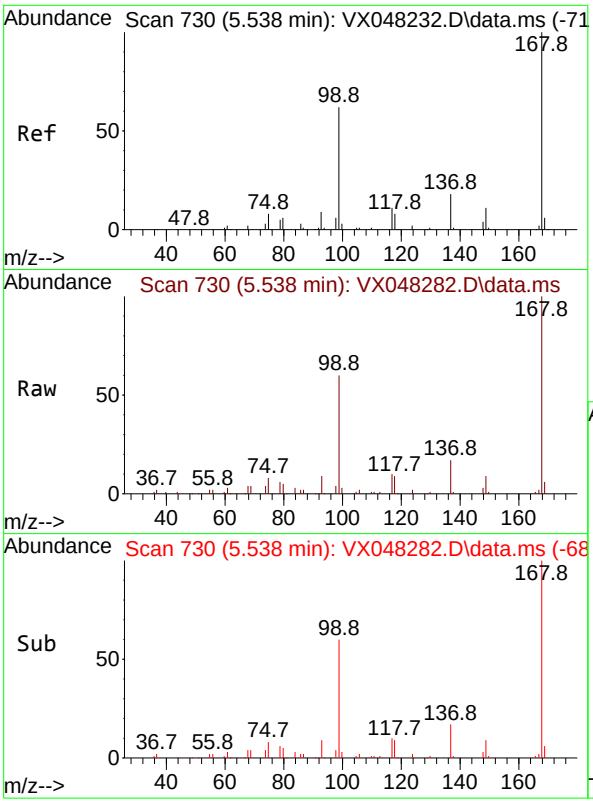
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048282.D
Acq On : 22 Oct 2025 09:26
Operator : JC/MD
Sample : VX1022WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBL01

Quant Time: Oct 24 05:50:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



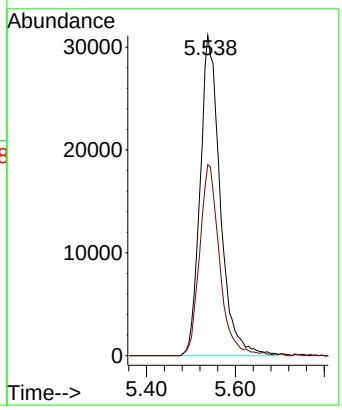


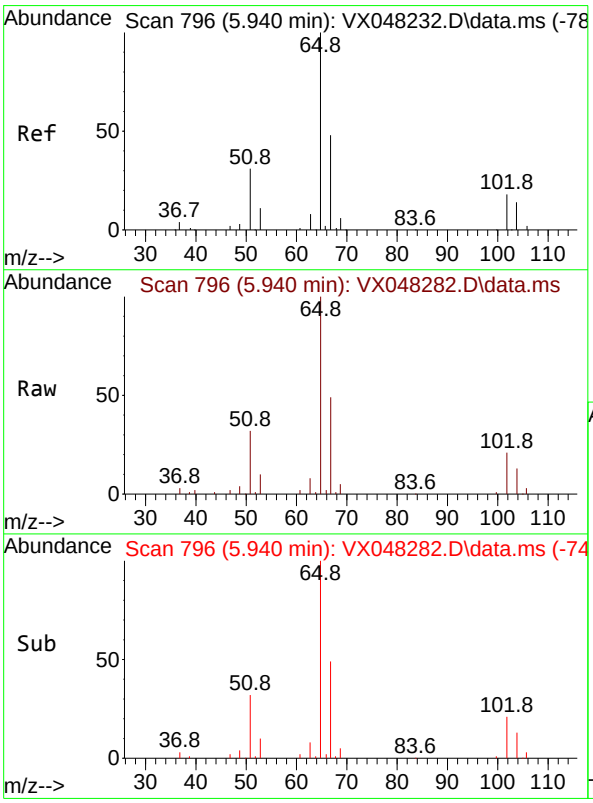

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBL01

Tgt Ion:168 Resp: 97887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.7 | 46.4 | 69.6 |

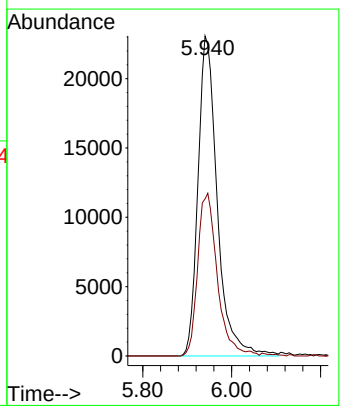


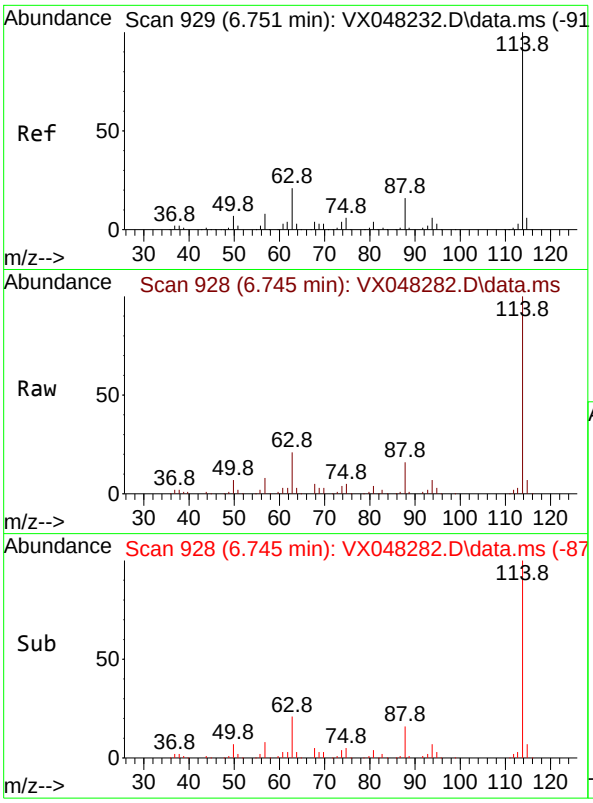




#33
1,2-Dichloroethane-d4
Concen: 50.720 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 65 Resp: 69611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.8 | 0.0 | 105.0 |



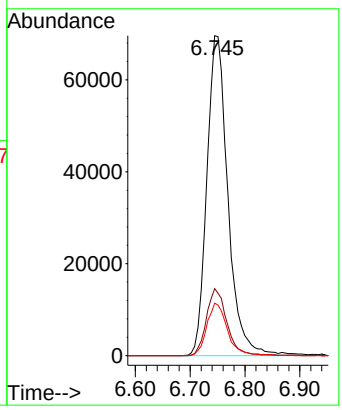


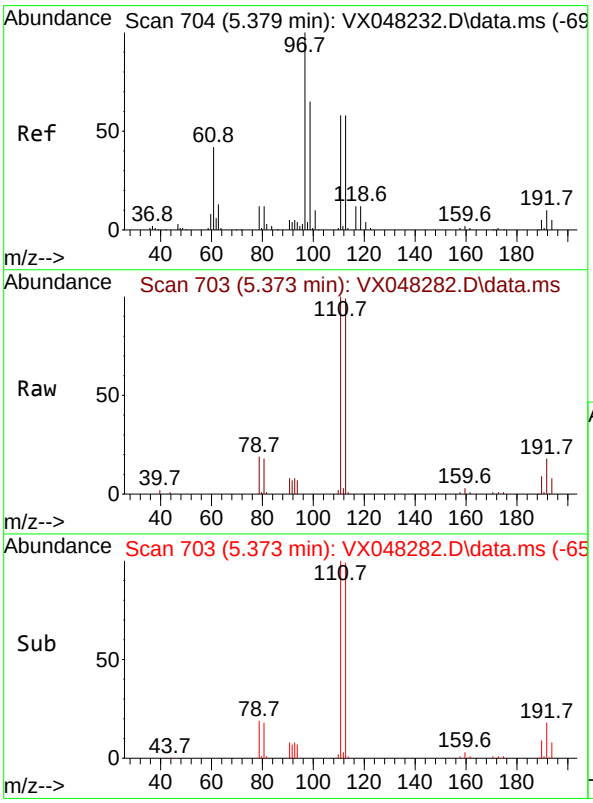

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBL01

Tgt Ion:114 Resp: 185129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.0 | 0.0 | 43.2 |
| 88 | 16.4 | 0.0 | 33.6 |

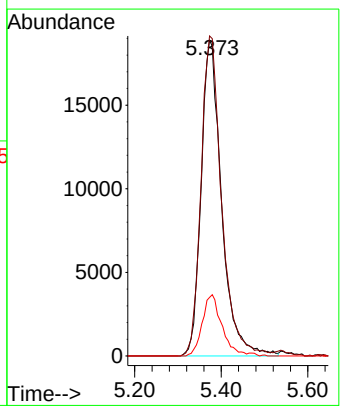


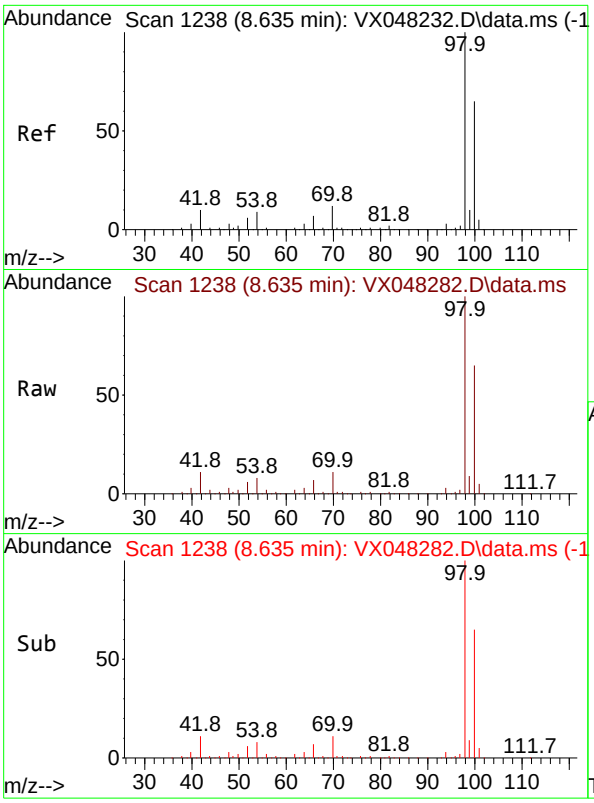




#35
Dibromofluoromethane
Concen: 49.099 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion:113 Resp: 62055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.9 | 82.2 | 123.4 |
| 192 | 18.4 | 15.1 | 22.7 |



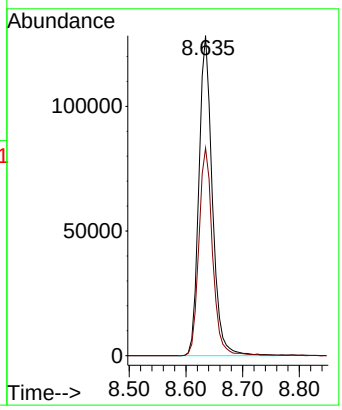


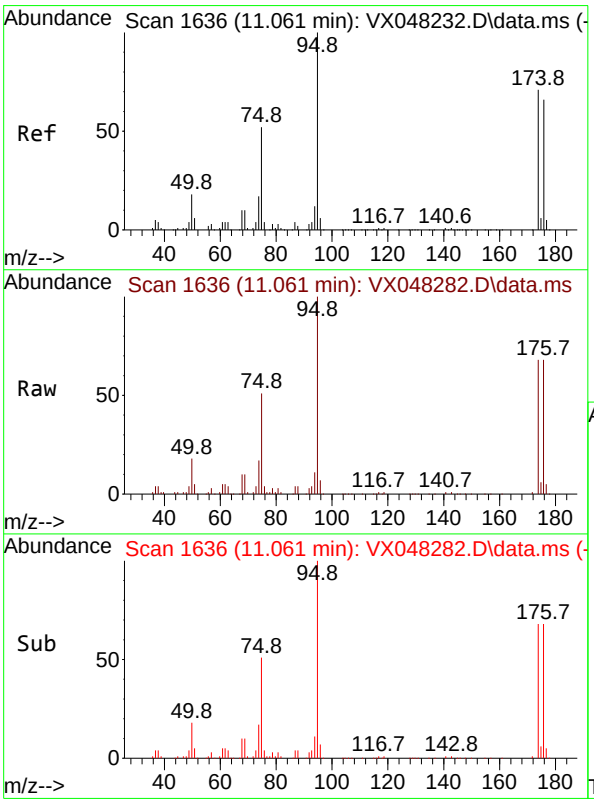

#50
Toluene-d8
Concen: 47.660 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBL01

Tgt Ion: 98 Resp: 211132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.3 | 53.0 | 79.4 |

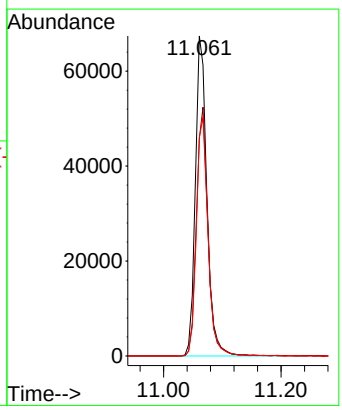


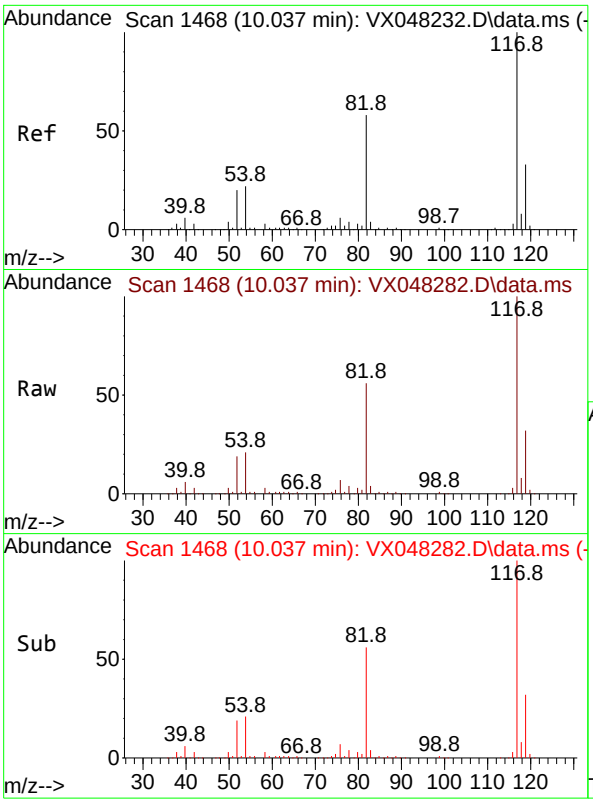




#62
4-Bromofluorobenzene
Concen: 54.533 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 95 Resp: 91904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.8 | 0.0 | 147.8 |
| 176 | 75.2 | 0.0 | 142.8 |



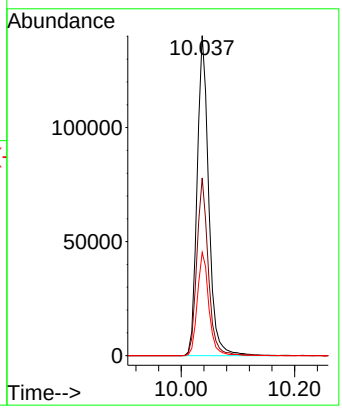


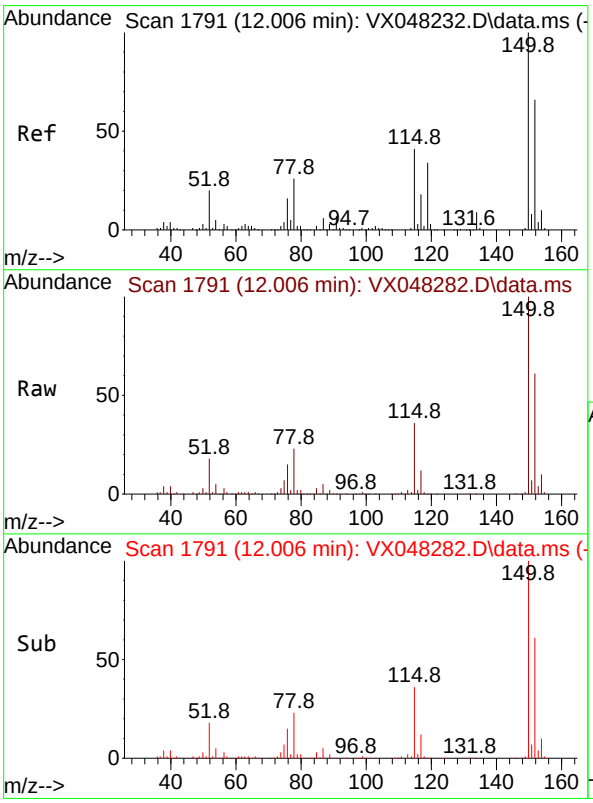

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBL01

Tgt Ion:117 Resp: 199062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.6 | 46.5 | 69.7 |
| 119 | 32.2 | 25.9 | 38.9 |

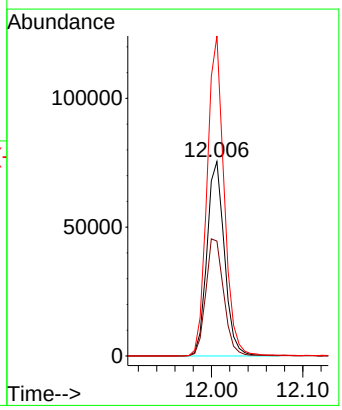



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion:152 Resp: 99844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 62.1 | 43.1 | 129.4 |
| 150 | 160.7 | 0.0 | 353.0 |



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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | ICE Service Group, Inc. | | | Date Collected: | |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | | | Date Received: | |
| Client Sample ID: | VX1024WBL01 | | | SDG No.: | Q3399 |
| Lab Sample ID: | VX1024WBL01 | | | Matrix: | TCLP |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | TCLP VOA |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 75-01-4 | Vinyl Chloride | 0.75 | U | 1 | 0.26 | 0.75 | 1.00 | ug/L | 10/24/25 09:48 | VX102425 |
| 75-35-4 | 1,1-Dichloroethene | 0.75 | U | 1 | 0.23 | 0.75 | 1.00 | ug/L | 10/24/25 09:48 | VX102425 |
| 78-93-3 | 2-Butanone | 2.50 | U | 1 | 0.98 | 2.50 | 5.00 | ug/L | 10/24/25 09:48 | VX102425 |
| 56-23-5 | Carbon Tetrachloride | 0.50 | U | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/24/25 09:48 | VX102425 |
| 67-66-3 | Chloroform | 0.50 | U | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/24/25 09:48 | VX102425 |
| 71-43-2 | Benzene | 0.50 | U | 1 | 0.15 | 0.50 | 1.00 | ug/L | 10/24/25 09:48 | VX102425 |
| 107-06-2 | 1,2-Dichloroethane | 0.50 | U | 1 | 0.22 | 0.50 | 1.00 | ug/L | 10/24/25 09:48 | VX102425 |
| 79-01-6 | Trichloroethene | 0.75 | U | 1 | 0.090 | 0.75 | 1.00 | ug/L | 10/24/25 09:48 | VX102425 |
| 127-18-4 | Tetrachloroethene | 0.50 | U | 1 | 0.23 | 0.50 | 1.00 | ug/L | 10/24/25 09:48 | VX102425 |
| 108-90-7 | Chlorobenzene | 0.50 | U | 1 | 0.12 | 0.50 | 1.00 | ug/L | 10/24/25 09:48 | VX102425 |
| **SURROGATES** | | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 52.2 | | | 81 - 118 | | 104% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 39.0 | * | | 80 - 119 | | 78% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 43.1 | * | | 89 - 112 | | 86% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 42.7 | | | 85 - 114 | | 85% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 90500 | | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 176000 | | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 166000 | | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 72200 | | | | | | | | |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048340.D
Acq On : 24 Oct 2025 09:48
Operator : JC/MD
Sample : VX1024WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBL01

Quant Time: Oct 24 23:00:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 90540 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.738 | 114 | 176490 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 165587 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 72164 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 66303 | 52.230 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 104.460% | | | |
| 35) Dibromofluoromethane | 5.361 | 113 | 46939 | 38.957 | ug/l | -0.01 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 77.920% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 182081 | 43.114 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 86.220%# | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 68609 | 42.703 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 85.400% | | | |

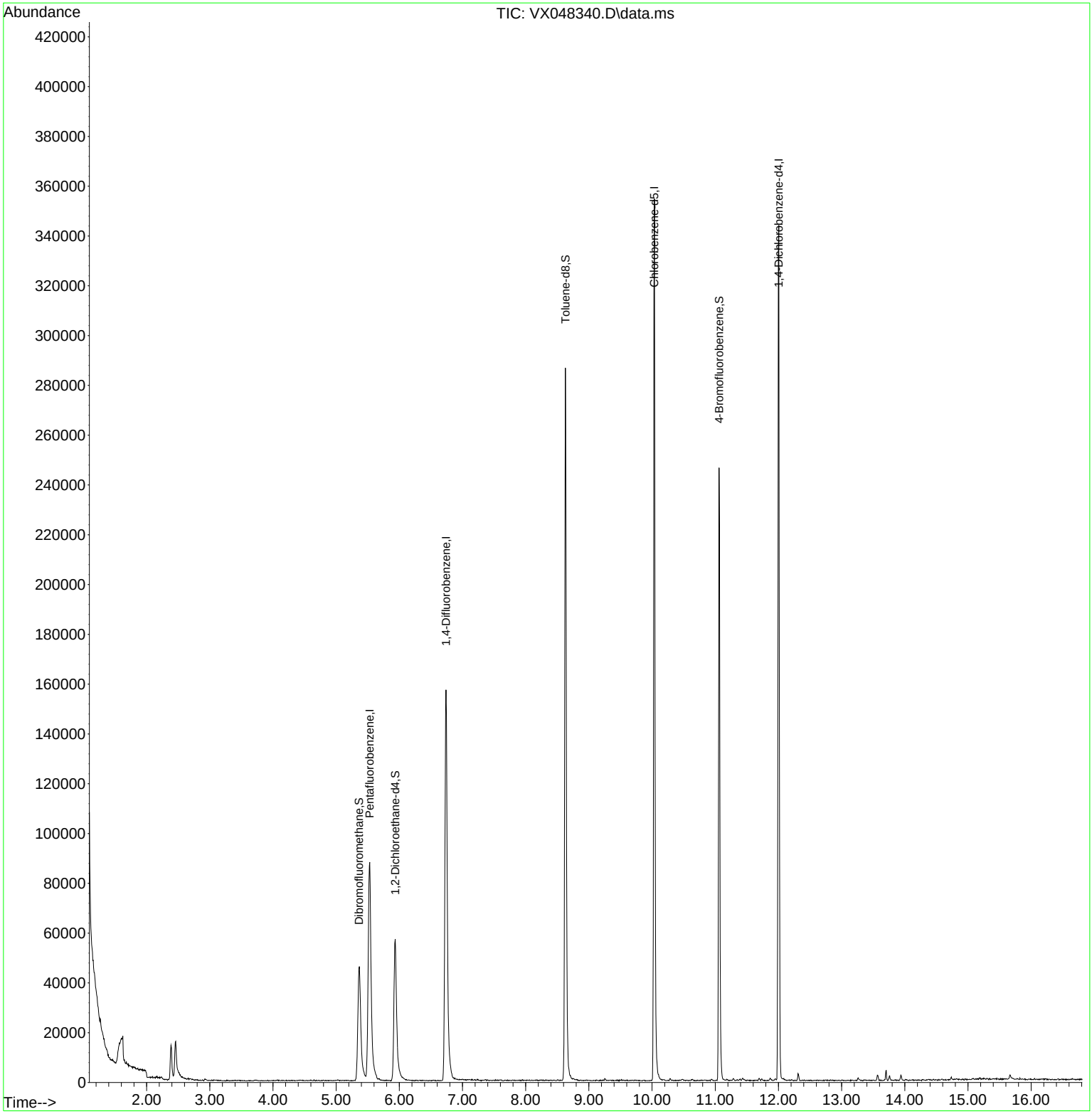
Target Compounds Qvalue

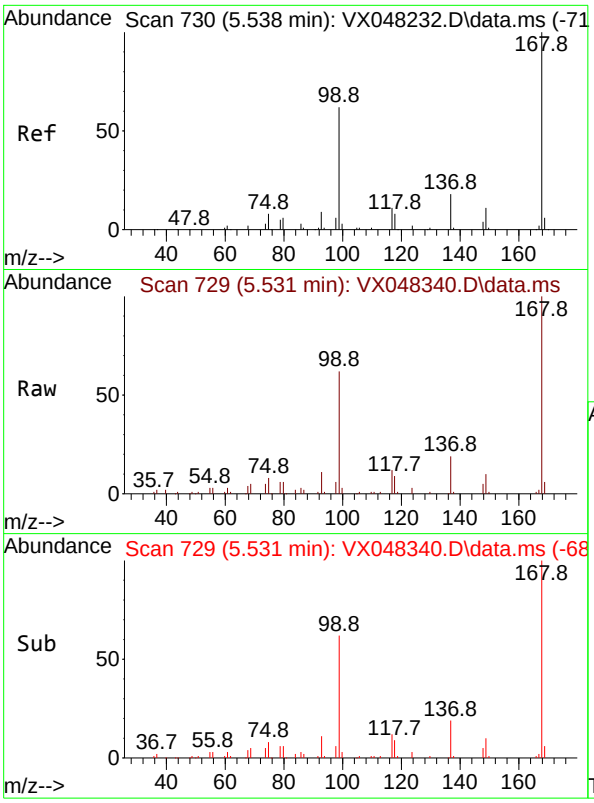
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048340.D
Acq On : 24 Oct 2025 09:48
Operator : JC/MD
Sample : VX1024WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBL01

Quant Time: Oct 24 23:00:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



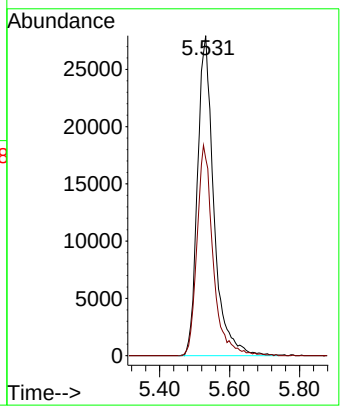


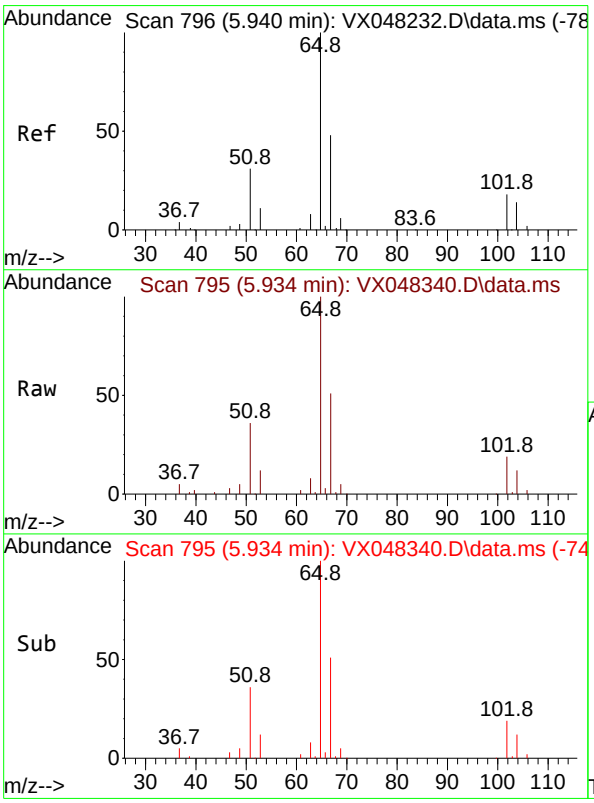

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBL01

Tgt Ion:168 Resp: 90540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.6 | 46.4 | 69.6 |

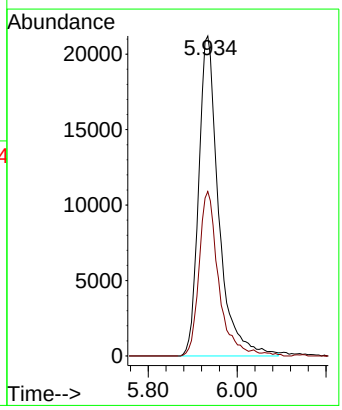


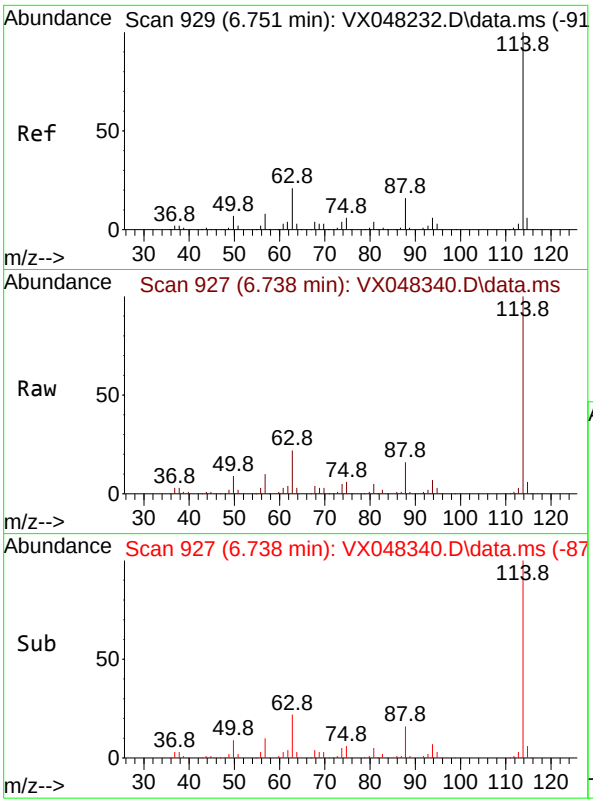




#33
1,2-Dichloroethane-d4
Concen: 52.230 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion: 65 Resp: 66303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.1 | 0.0 | 105.0 |



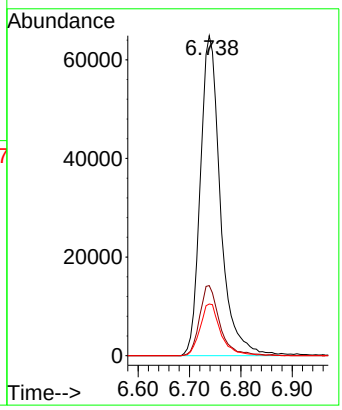


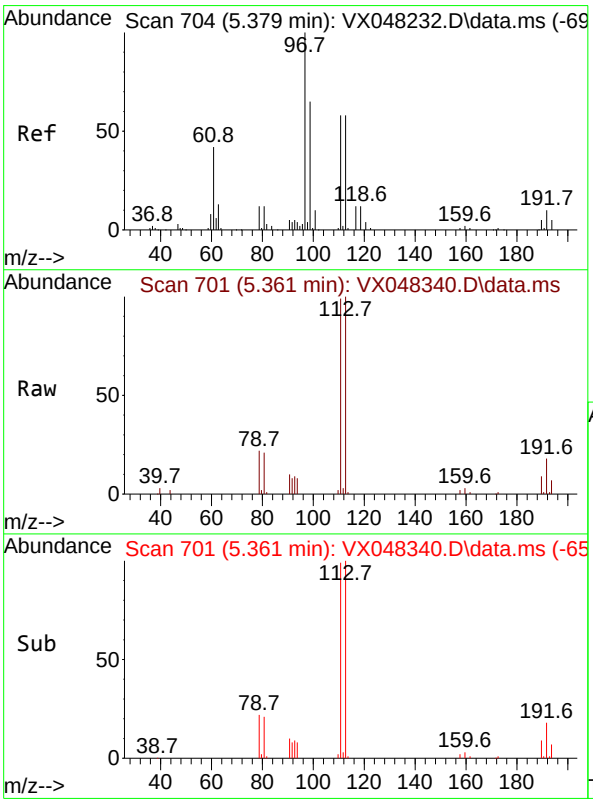

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 9
Delta R.T. -0.007 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBL01

Tgt Ion:114 Resp: 176490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.9 | 0.0 | 43.2 |
| 88 | 16.1 | 0.0 | 33.6 |

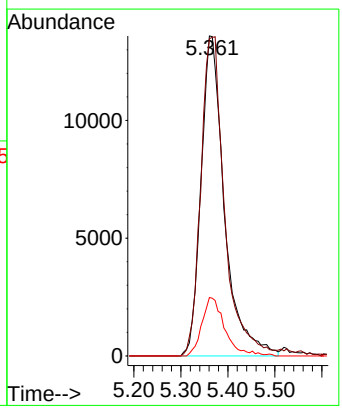


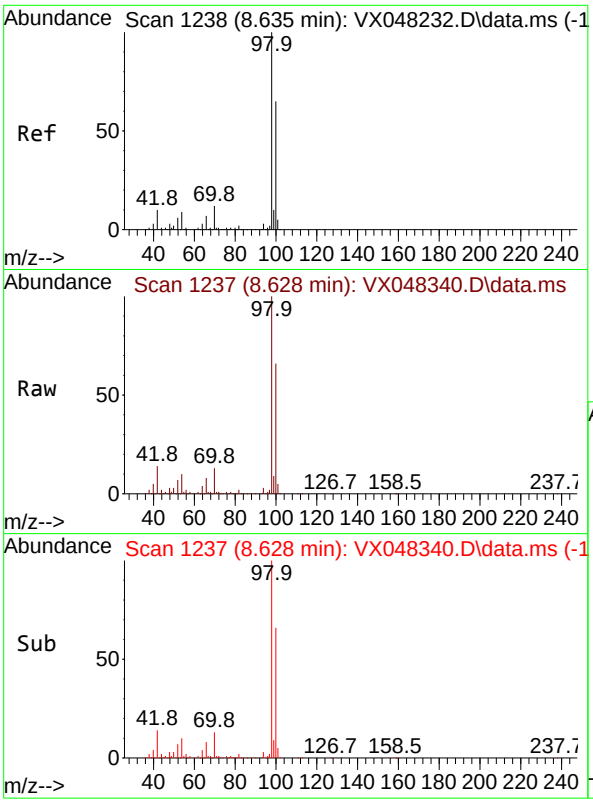




#35
Dibromofluoromethane
Concen: 38.957 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion:113 Resp: 46939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.1 | 82.2 | 123.4 |
| 192 | 18.0 | 15.1 | 22.7 |



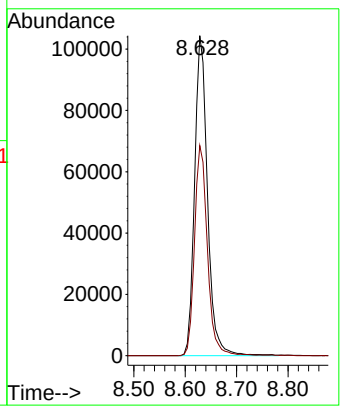


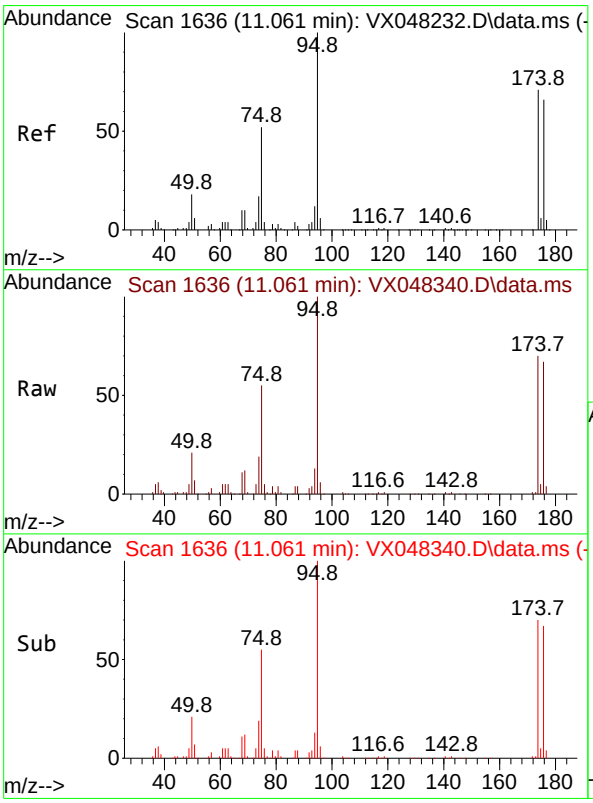

#50
Toluene-d8
Concen: 43.114 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBL01

Tgt Ion: 98 Resp: 182081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.8 | 53.0 | 79.4 |

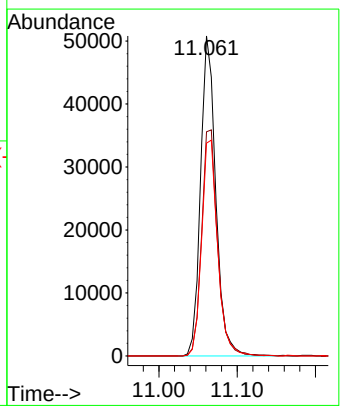


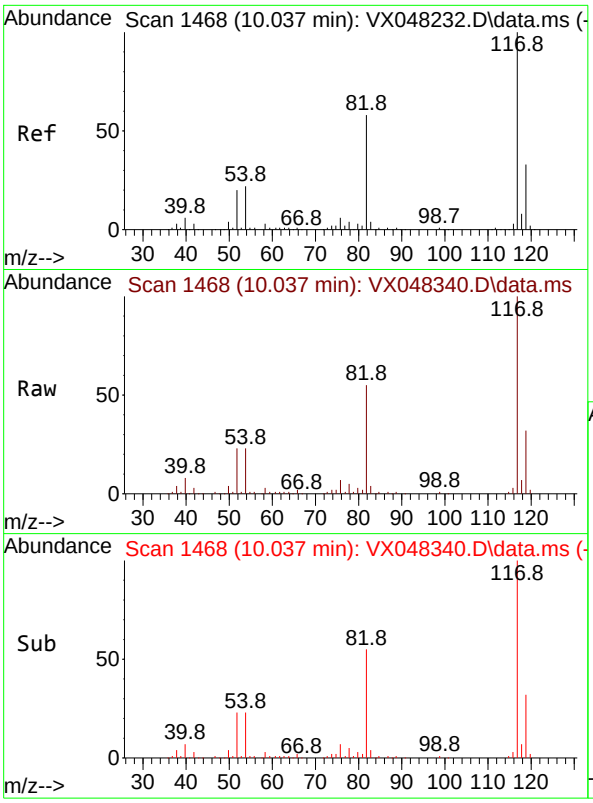




#62
4-Bromofluorobenzene
Concen: 42.703 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion: 95 Resp: 68609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.6 | 0.0 | 147.8 |
| 176 | 71.0 | 0.0 | 142.8 |



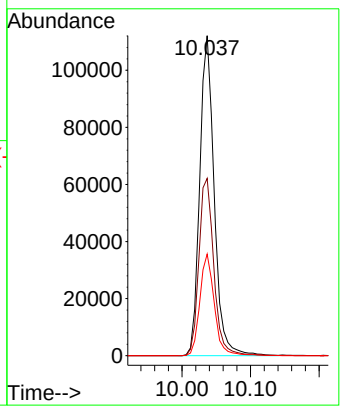


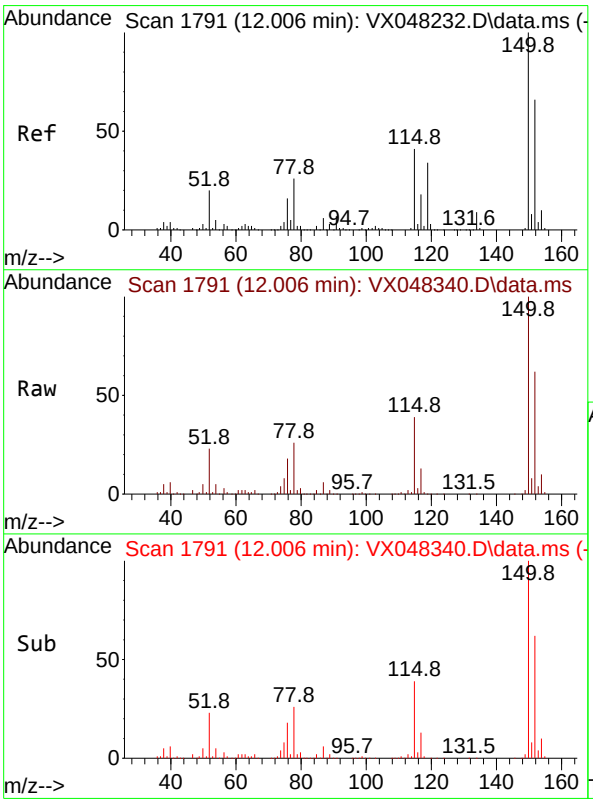

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBL01

Tgt Ion:117 Resp: 165587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.4 | 46.5 | 69.7 |
| 119 | 31.8 | 25.9 | 38.9 |

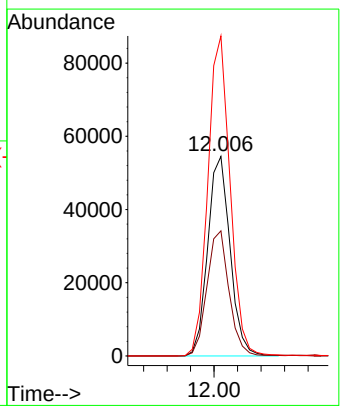



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion:152 Resp: 72164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.9 | 43.1 | 129.4 |
| 150 | 159.8 | 0.0 | 353.0 |



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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | ICE Service Group, Inc. | | | Date Collected: | |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | | | Date Received: | |
| Client Sample ID: | VX1022WBS01 | | | SDG No.: | Q3399 |
| Lab Sample ID: | VX1022WBS01 | | | Matrix: | TCLP |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | TCLP VOA |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 75-01-4 | Vinyl Chloride | 16.4 | | 1 | 0.26 | 0.75 | 1.00 | ug/L | 10/22/25 09:53 | VX102225 |
| 75-35-4 | 1,1-Dichloroethene | 18.3 | | 1 | 0.23 | 0.75 | 1.00 | ug/L | 10/22/25 09:53 | VX102225 |
| 78-93-3 | 2-Butanone | 88.7 | | 1 | 0.98 | 2.50 | 5.00 | ug/L | 10/22/25 09:53 | VX102225 |
| 56-23-5 | Carbon Tetrachloride | 18.9 | | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/22/25 09:53 | VX102225 |
| 67-66-3 | Chloroform | 19.4 | | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/22/25 09:53 | VX102225 |
| 71-43-2 | Benzene | 18.9 | | 1 | 0.15 | 0.50 | 1.00 | ug/L | 10/22/25 09:53 | VX102225 |
| 107-06-2 | 1,2-Dichloroethane | 20.4 | | 1 | 0.22 | 0.50 | 1.00 | ug/L | 10/22/25 09:53 | VX102225 |
| 79-01-6 | Trichloroethene | 19.3 | | 1 | 0.090 | 0.75 | 1.00 | ug/L | 10/22/25 09:53 | VX102225 |
| 127-18-4 | Tetrachloroethene | 17.9 | | 1 | 0.23 | 0.50 | 1.00 | ug/L | 10/22/25 09:53 | VX102225 |
| 108-90-7 | Chlorobenzene | 19.3 | | 1 | 0.12 | 0.50 | 1.00 | ug/L | 10/22/25 09:53 | VX102225 |
| **SURROGATES** | | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.2 | | | 81 - 118 | | 100% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 50.9 | | | 80 - 119 | | 102% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 50.7 | | | 89 - 112 | | 101% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 52.4 | | | 85 - 114 | | 105% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 116000 | | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 185000 | | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 172000 | | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 91100 | | | | | | | | |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 115938 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 185153 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 172449 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 91086 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 81572 | 50.182 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 100.360% | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 64382 | 50.934 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 101.860% | | | |
| 50) Toluene-d8 | 8.629 | 98 | 224820 | 50.743 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 101.480% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 88327 | 52.404 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 104.800% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 22868 | 19.187 | ug/l | 95 |
| 3) Chloromethane | 1.301 | 50 | 18787 | 16.887 | ug/l | 97 |
| 4) Vinyl Chloride | 1.380 | 62 | 16907 | 16.412 | ug/l | 100 |
| 5) Bromomethane | 1.618 | 94 | 12759 | 18.250 | ug/l | 92 |
| 6) Chloroethane | 1.697 | 64 | 10602 | 17.514 | ug/l | 94 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 36946 | 18.700 | ug/l | 98 |
| 8) Diethyl Ether | 2.130 | 74 | 9583 | 17.238 | ug/l | 81 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 22281 | 17.809 | ug/l | 93 |
| 10) Methyl Iodide | 2.453 | 142 | 29719 | 18.895 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.934 | 59 | 13125 | 81.322 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 22236 | 18.268 | ug/l | 89 |
| 13) Acrolein | 2.233 | 56 | 18404 | 111.807 | ug/l | 100 |
| 14) Allyl chloride | 2.666 | 41 | 34300 | 16.973 | ug/l | 94 |
| 15) Acrylonitrile | 3.056 | 53 | 51470 | 88.440 | ug/l | 98 |
| 16) Acetone | 2.374 | 43 | 49714 | 89.149 | ug/l | 94 |
| 17) Carbon Disulfide | 2.514 | 76 | 61537 | 16.041 | ug/l | 98 |
| 18) Methyl Acetate | 2.697 | 43 | 19682 | 16.900 | ug/l # | 90 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 76499 | 18.423 | ug/l | 98 |
| 20) Methylene Chloride | 2.788 | 84 | 25627 | 18.860 | ug/l | 90 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 24665 | 18.448 | ug/l | 97 |
| 22) Diisopropyl ether | 3.745 | 45 | 74217 | 18.413 | ug/l # | 82 |
| 23) Vinyl Acetate | 3.709 | 43 | 293391 | 91.123 | ug/l | 95 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 44644 | 18.318 | ug/l | 98 |
| 25) 2-Butanone | 4.538 | 43 | 62637 | 88.741 | ug/l | 94 |
| 26) 2,2-Dichloropropane | 4.459 | 77 | 42168 | 19.169 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.477 | 96 | 29422 | 18.855 | ug/l | 97 |
| 28) Bromochloromethane | 4.885 | 49 | 18103 | 17.914 | ug/l # | 80 |
| 29) Tetrahydrofuran | 4.983 | 42 | 35783 | 84.647 | ug/l | 90 |
| 30) Chloroform | 5.074 | 83 | 50484 | 19.388 | ug/l | 96 |
| 31) Cyclohexane | 5.452 | 56 | 36067 | 17.875 | ug/l | 89 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 45607 | 19.005 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.678 | 75 | 32884 | 18.304 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 25793 | 17.321 | ug/l | 96 |
| 38) Carbon Tetrachloride | 5.660 | 117 | 41818 | 18.866 | ug/l | 97 |
| 39) Methylcyclohexane | 7.367 | 83 | 37971 | 17.896 | ug/l | 93 |
| 40) Benzene | 6.019 | 78 | 98700 | 18.922 | ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.904 | 41 | 13641 | 17.443 | ug/l | | 95 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 39202 | 20.367 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.318 | 43 | 43873 | 17.936 | ug/l | | 97 |
| 44) Trichloroethene | 7.111 | 130 | 26617 | 19.325 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 23590 | 19.022 | ug/l | | 93 |
| 46) Dibromomethane | 7.568 | 93 | 18429 | 19.074 | ug/l | | 92 |
| 47) Bromodichloromethane | 7.799 | 83 | 40507 | 19.417 | ug/l | | 96 |
| 48) Methyl methacrylate | 7.677 | 41 | 21757 | 17.627 | ug/l | | 93 |
| 49) 1,4-Dioxane | 7.641 | 88 | 5789 | 355.001 | ug/l | | 91 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 128509 | 91.119 | ug/l | | 96 |
| 52) Toluene | 8.702 | 92 | 64846 | 19.569 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 39352 | 19.575 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 41608 | 19.183 | ug/l | | 95 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 24236 | 19.667 | ug/l | | 96 |
| 56) Ethyl methacrylate | 9.098 | 69 | 32337 | 17.941 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 40790 | 19.378 | ug/l | | 97 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 82301 | 86.039 | ug/l | | 96 |
| 59) 2-Hexanone | 9.415 | 43 | 91212 | 92.750 | ug/l | | 95 |
| 60) Dibromochloromethane | 9.500 | 129 | 32118 | 19.391 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 25567 | 19.461 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.256 | 164 | 23106 | 17.948 | ug/l | | 96 |
| 65) Chlorobenzene | 10.061 | 112 | 74866 | 19.299 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 27221 | 19.105 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 123704 | 18.730 | ug/l | | 95 |
| 68) m/p-Xylenes | 10.287 | 106 | 96187 | 39.196 | ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 45915 | 19.380 | ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 81400 | 20.178 | ug/l | | 99 |
| 71) Bromoform | 10.781 | 173 | 21486 | 18.867 | ug/l | # | 97 |
| 73) Isopropylbenzene | 10.945 | 105 | 121492 | 18.261 | ug/l | | 98 |
| 74) N-amyl acetate | 10.823 | 43 | 39294 | 16.651 | ug/l | | 94 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 32943 | 18.132 | ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 30421m | 20.595 | ug/l | | |
| 77) Bromobenzene | 11.183 | 156 | 30904 | 18.526 | ug/l | | 91 |
| 78) n-propylbenzene | 11.287 | 91 | 142548 | 18.506 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 87720 | 18.783 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 102516 | 18.620 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 10045 | 16.545 | ug/l | | 92 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 104284 | 18.810 | ug/l | | 97 |
| 83) tert-Butylbenzene | 11.695 | 119 | 105858 | 18.713 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 105149 | 19.137 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 122676 | 18.025 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 107570 | 18.286 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 58833 | 18.708 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 60010 | 18.420 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.317 | 91 | 93913 | 17.540 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 20129 | 17.328 | ug/l | | 91 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 55576 | 18.823 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 6490 | 17.598 | ug/l | | 95 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 35339 | 17.699 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 13881 | 18.594 | ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 96835 | 18.305 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 33930 | 18.518 | ug/l | | 97 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| 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\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
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VX1022WBS01

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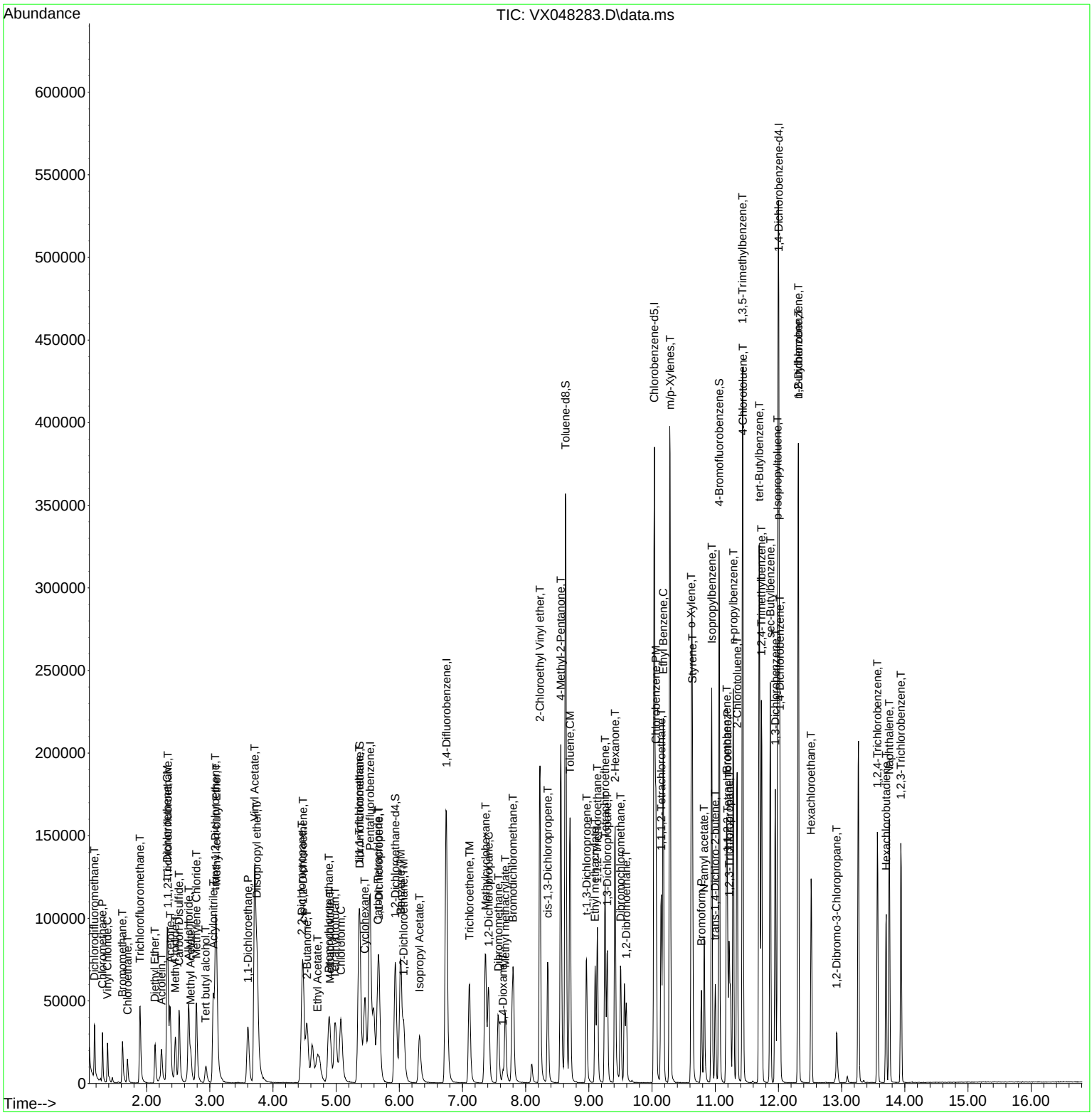
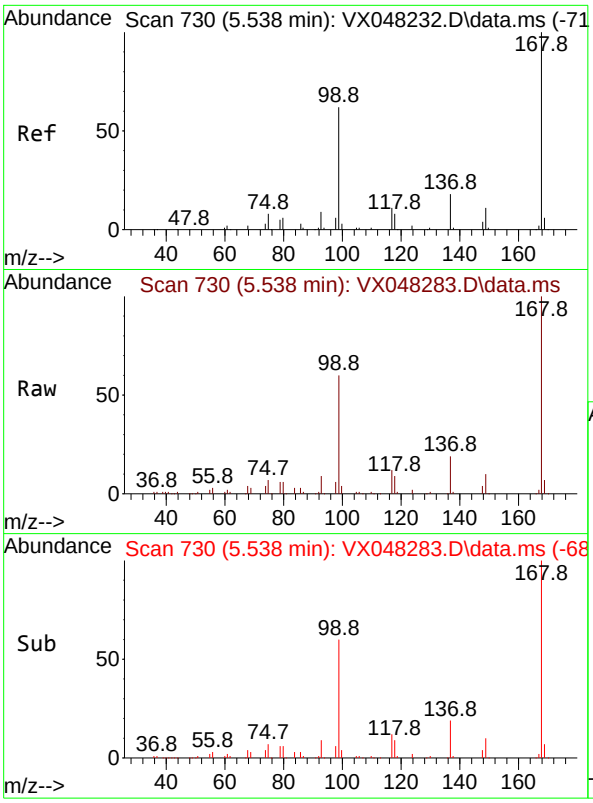
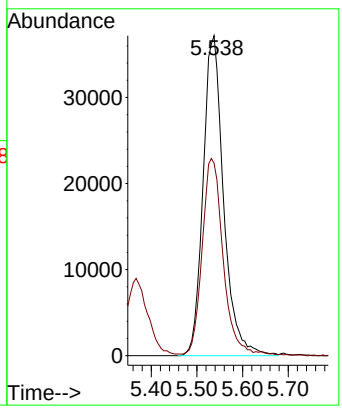





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:168 Resp: 11593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.8 | 46.4 | 69.6 |

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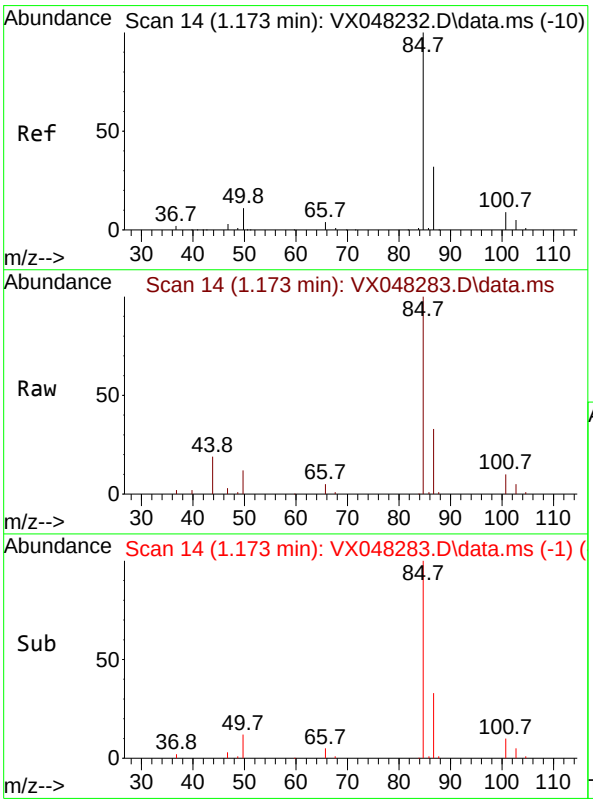
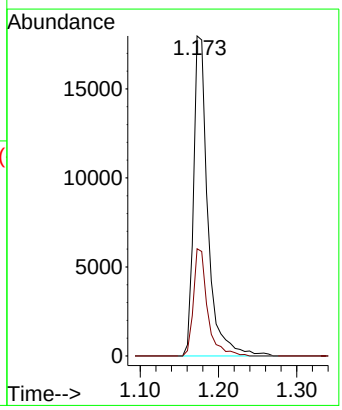
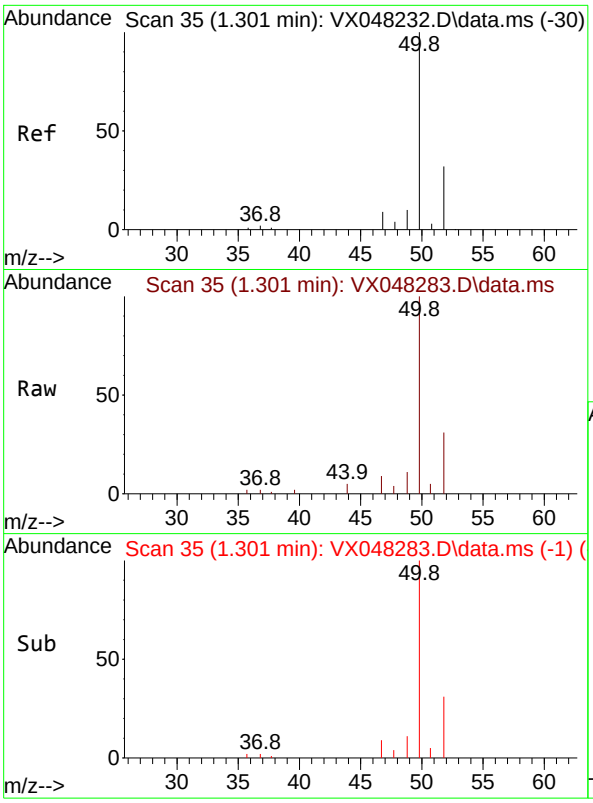



#2
Dichlorodifluoromethane
Concen: 19.187 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 85 Resp: 22868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.5 | 15.3 | 45.9 |

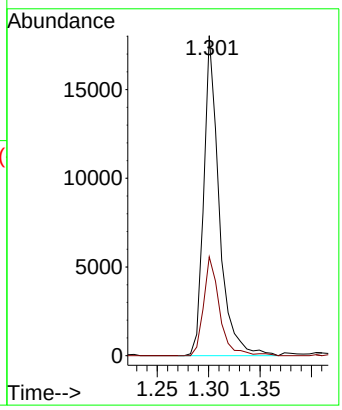





#3
Chloromethane
Concen: 16.887 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 50 Resp: 1878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.9 | 25.9 | 38.9 |

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VX1022WBS01

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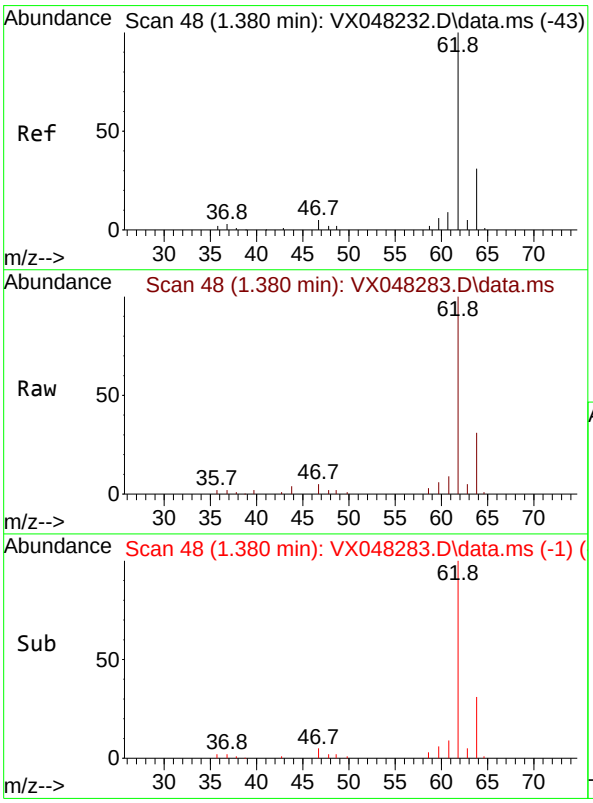
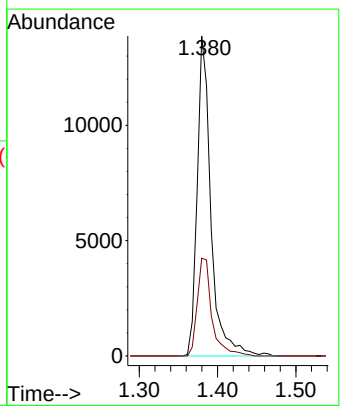
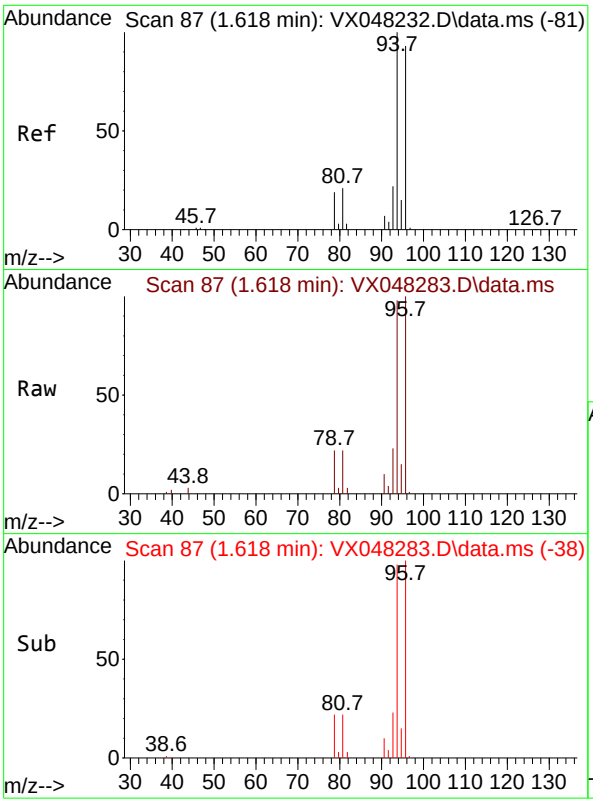



#4
Vinyl Chloride
Concen: 16.412 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 62 Resp: 16907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.5 | 25.1 | 37.7 |

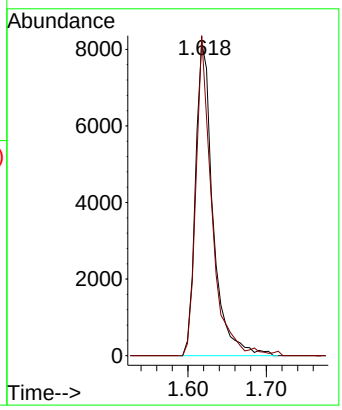





#5
Bromomethane
Concen: 18.250 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 94 Resp: 1275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 103.2 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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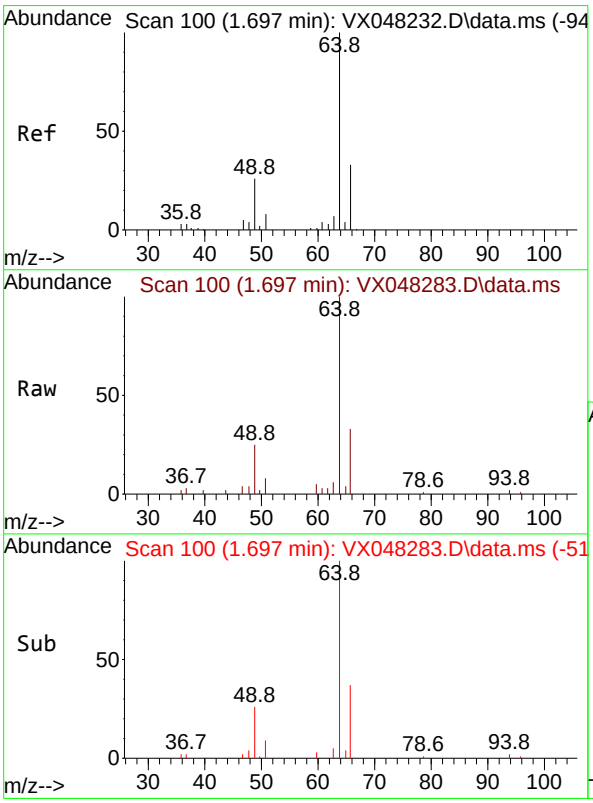
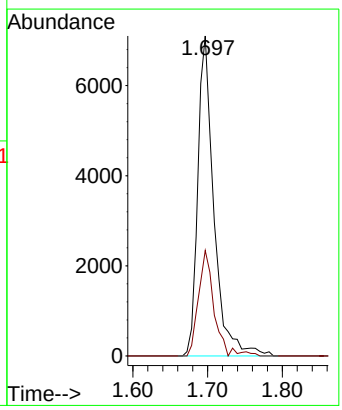
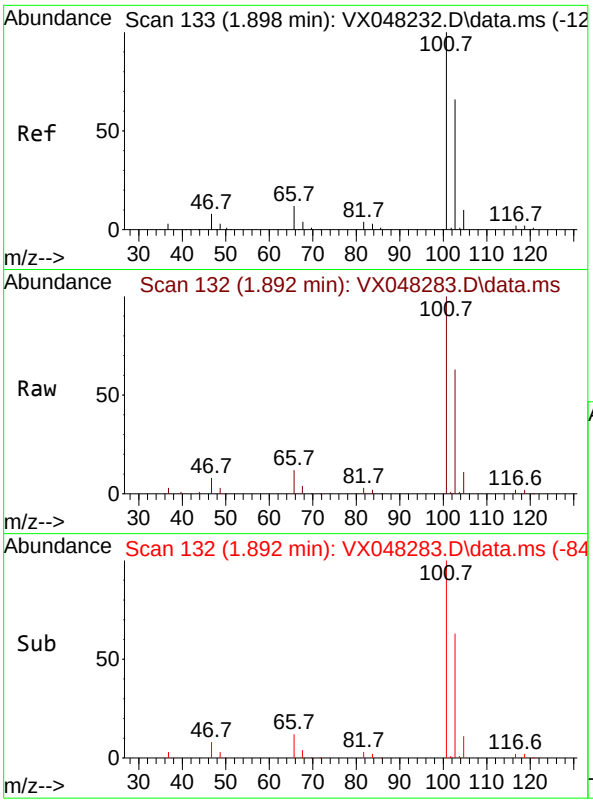



#6
Chloroethane
Concen: 17.514 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 64 Resp: 10602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.9 | 23.9 | 35.9 |

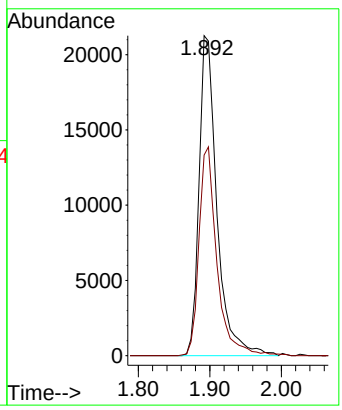





#7
Trichlorofluoromethane
Concen: 18.700 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:101 Resp: 3694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.7 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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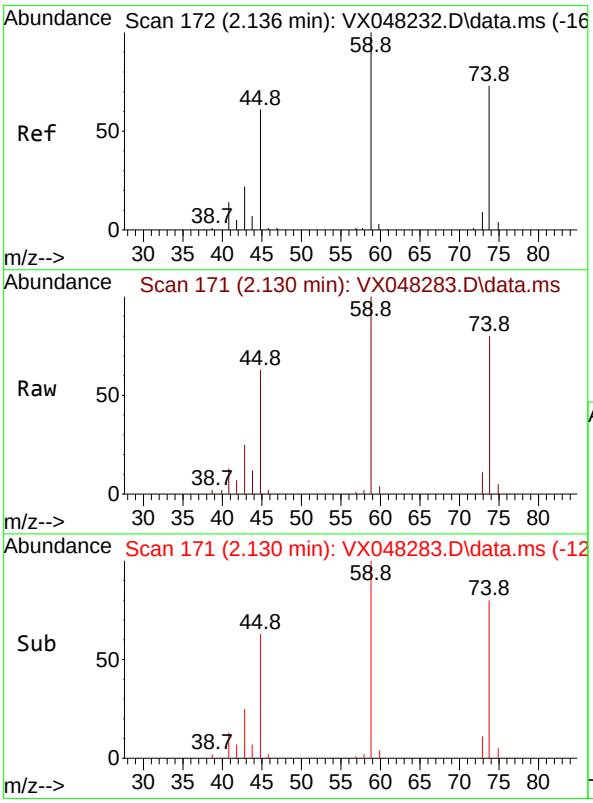
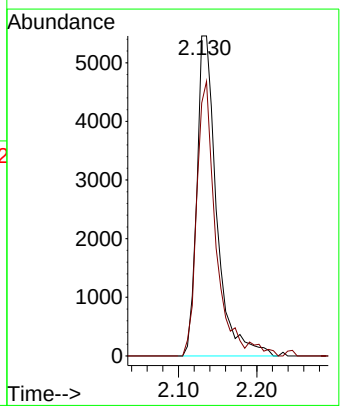
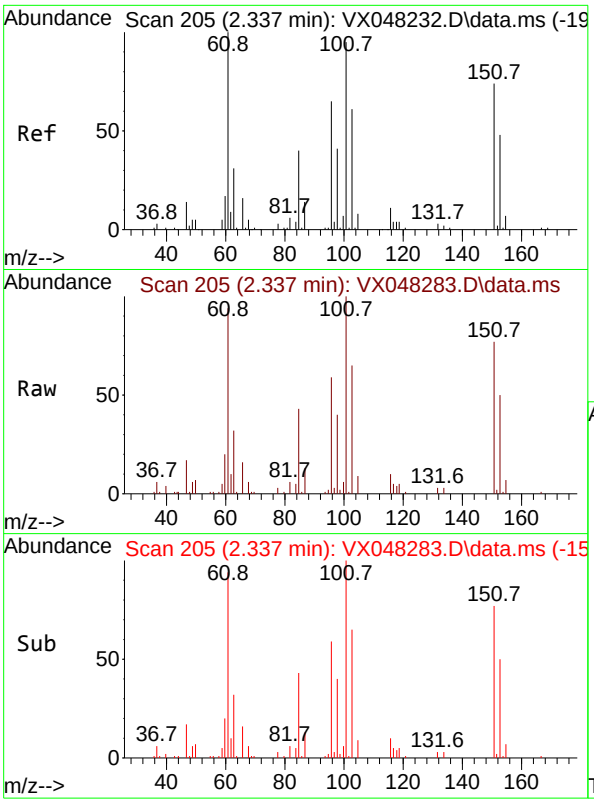



#8
Diethyl Ether
Concen: 17.238 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 74 Resp: 9583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 80.5 | 50.0 | 149.8 |






#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.809 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:101 Resp: 2228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.7 | 35.6 | 53.4 |
| 151 | 80.6 | 58.0 | 87.0 |

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VX1022WBS01

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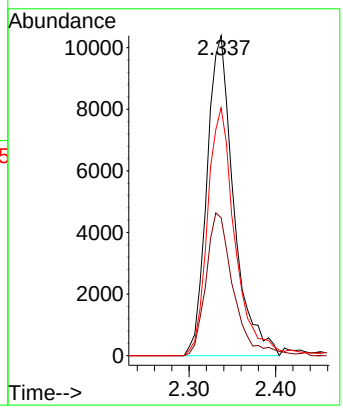
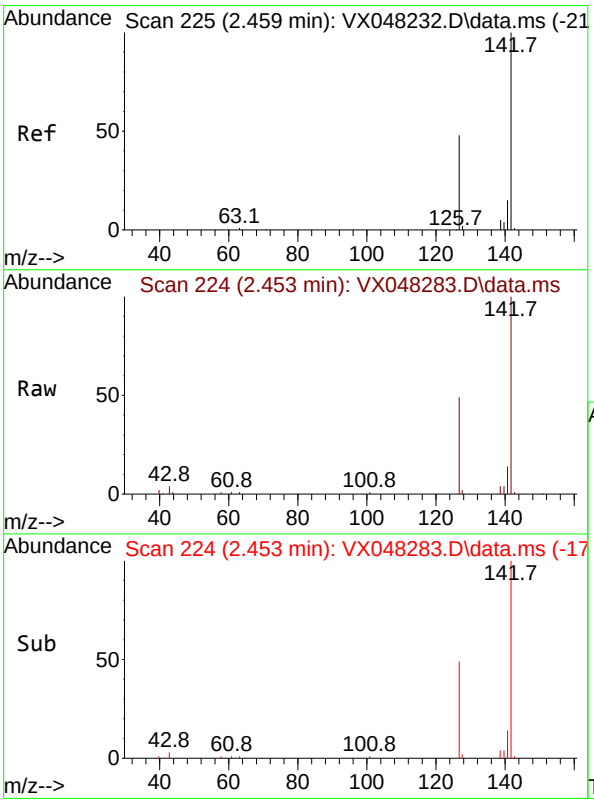
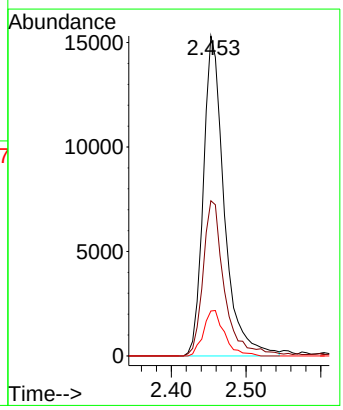


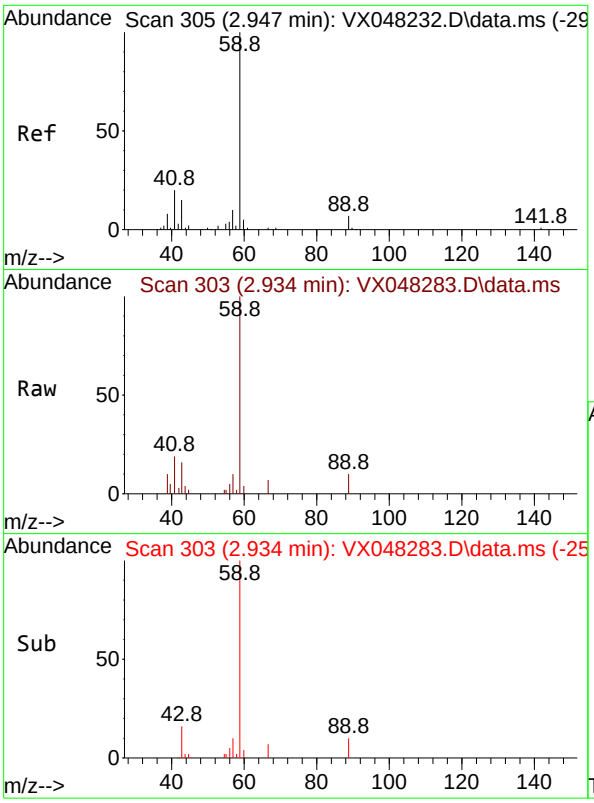




#10
Methyl Iodide
Concen: 18.895 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:142 Resp: 29719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 50.1 | 38.5 | 57.7 |
| 141 | 14.3 | 11.6 | 17.4 |






#11
Tert butyl alcohol
Concen: 81.322 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 59 Resp: 1312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.7 | 8.2 | 12.4 |

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VX1022WBS01

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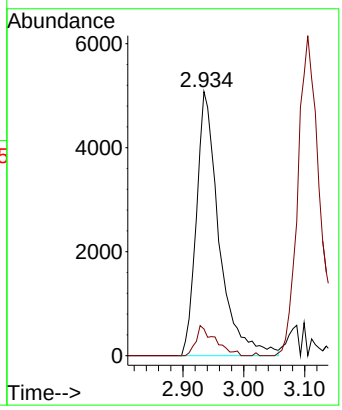
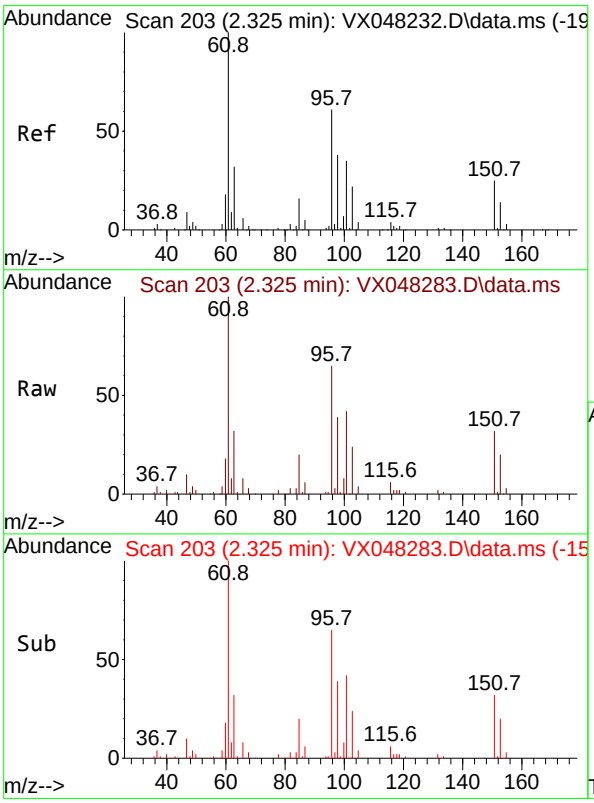
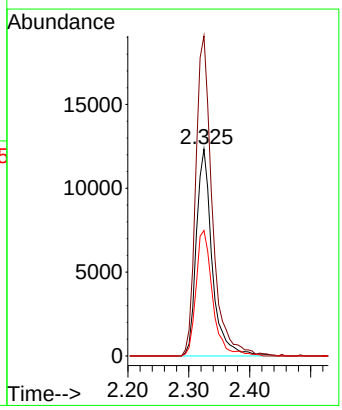


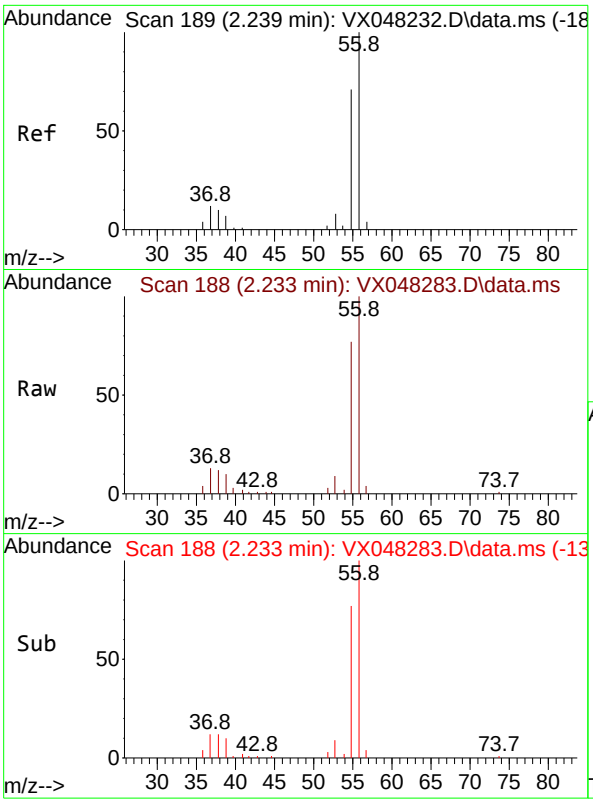




#12
1,1-Dichloroethene
Concen: 18.268 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 96 Resp: 22236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 154.7 | 139.0 | 208.6 |
| 98 | 62.1 | 52.4 | 78.6 |

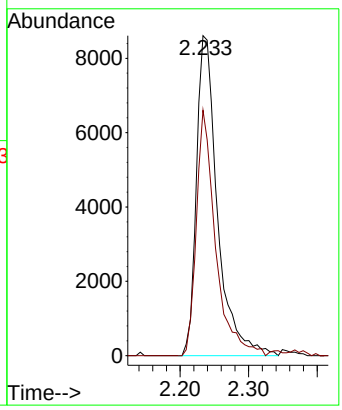





#13
Acrolein
Concen: 111.807 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 56 Resp: 1840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.1 | 56.1 | 84.1 |

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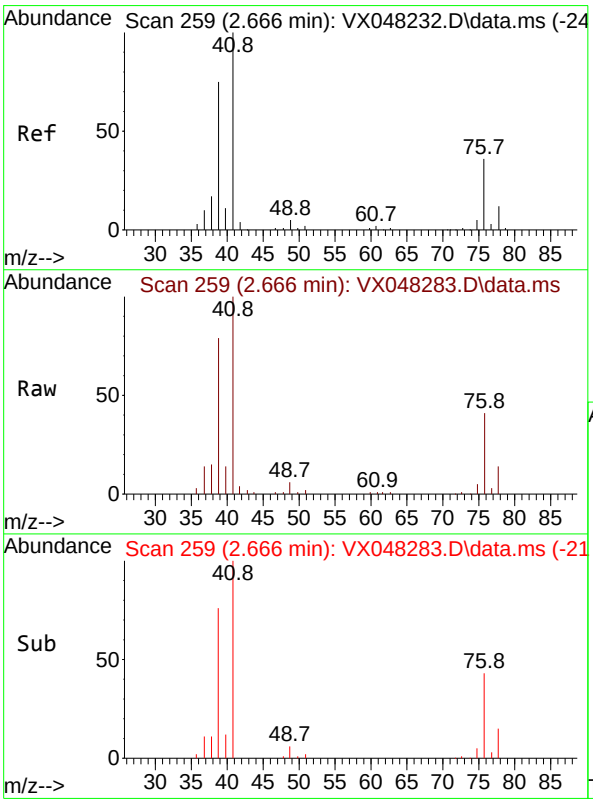
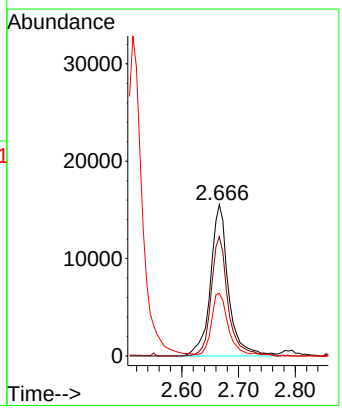
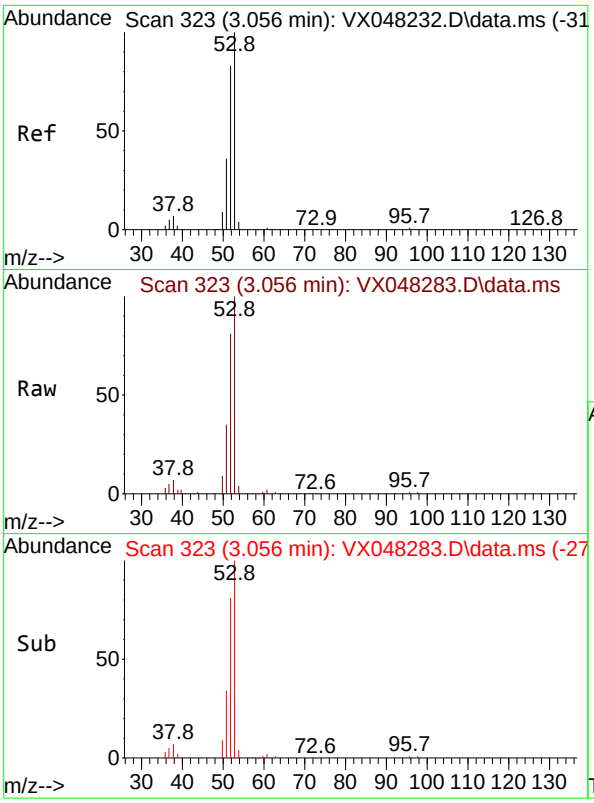



#14
Allyl chloride
Concen: 16.973 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 41 Resp: 34300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 73.8 | 56.0 | 84.0 |
| 76 | 39.9 | 27.5 | 41.3 |

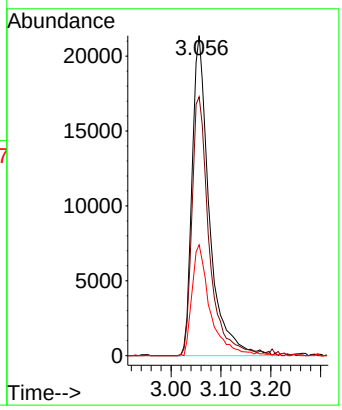





#15
Acrylonitrile
Concen: 88.440 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 53 Resp: 5147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.2 | 66.1 | 99.1 |
| 51 | 36.6 | 29.0 | 43.4 |

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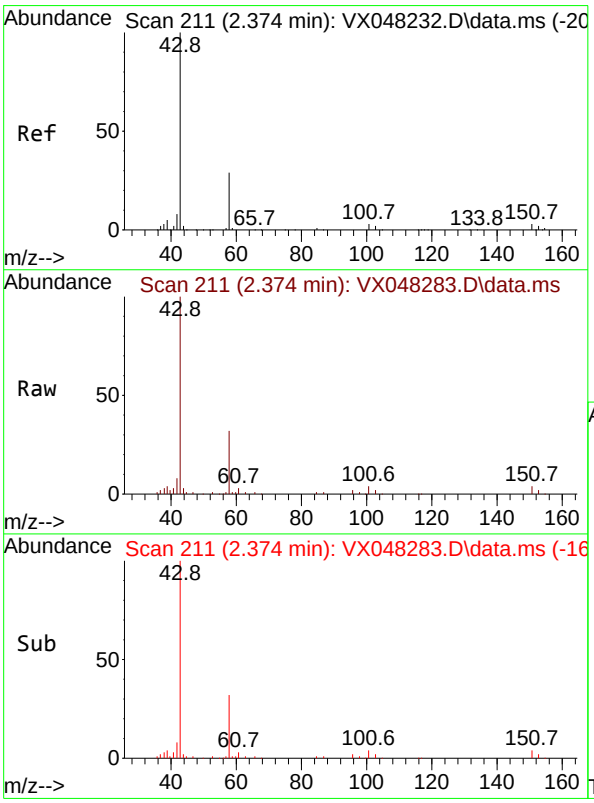
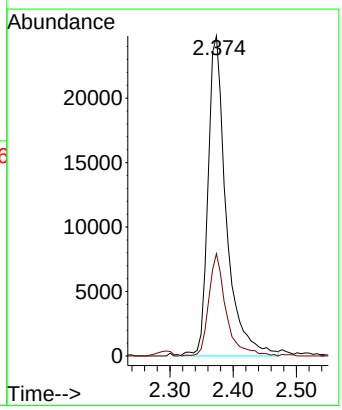
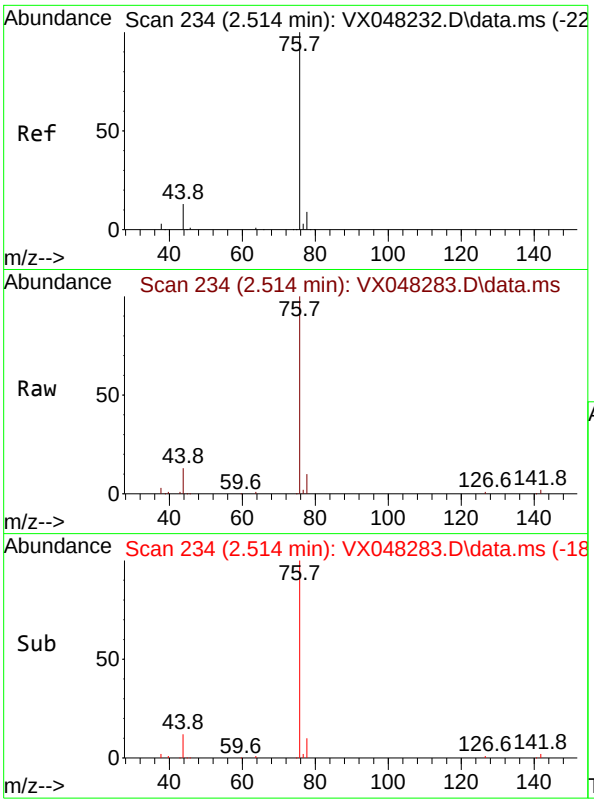



#16
Acetone
Concen: 89.149 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 49714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.3 | 23.4 | 35.2 |

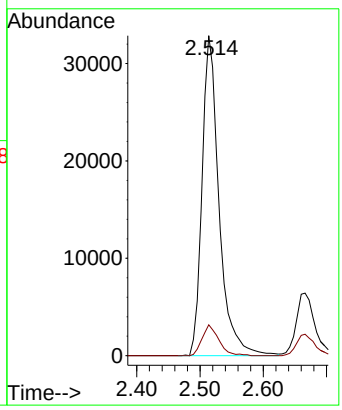





#17
Carbon Disulfide
Concen: 16.041 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 76 Resp: 6153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.7 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
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VX1022WBS01

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Reviewed By :John Carlone 10/24/2025
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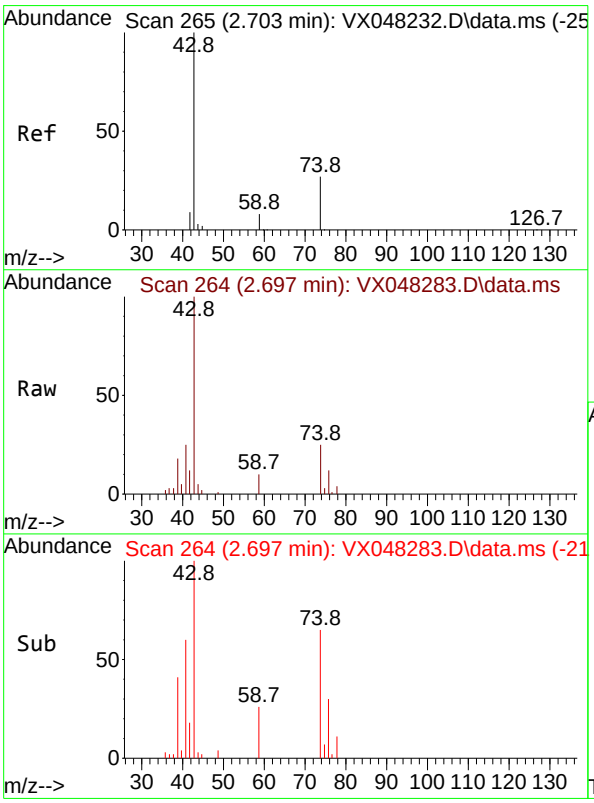
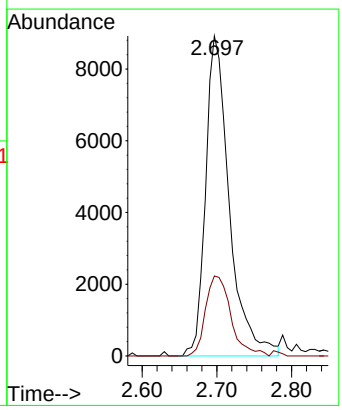
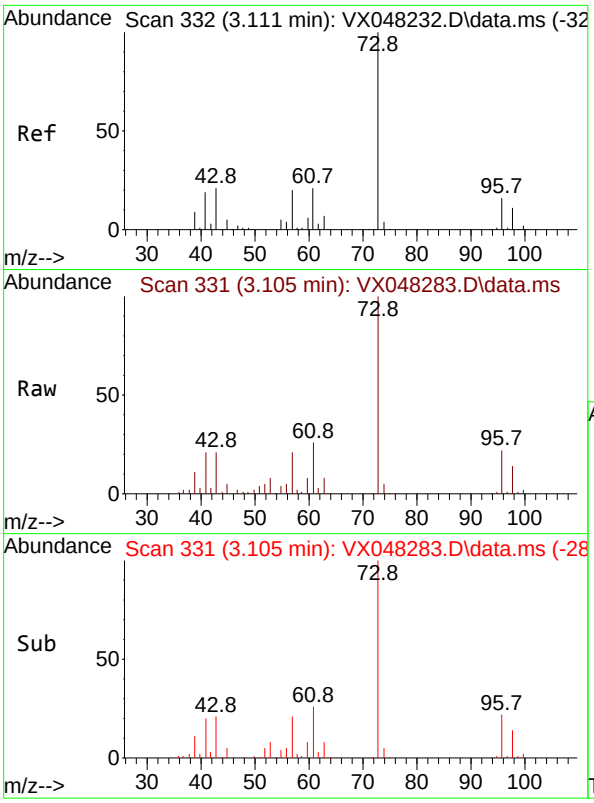



#18
Methyl Acetate
Concen: 16.900 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 19682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.6 | 17.5 | 26.3# |

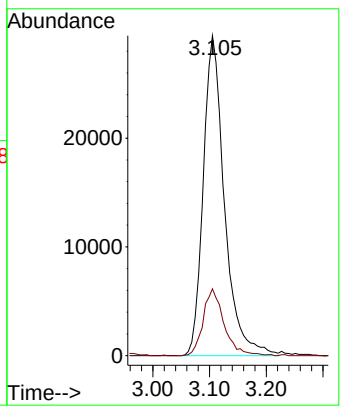





#19
Methyl tert-butyl Ether
Concen: 18.423 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 73 Resp: 7649

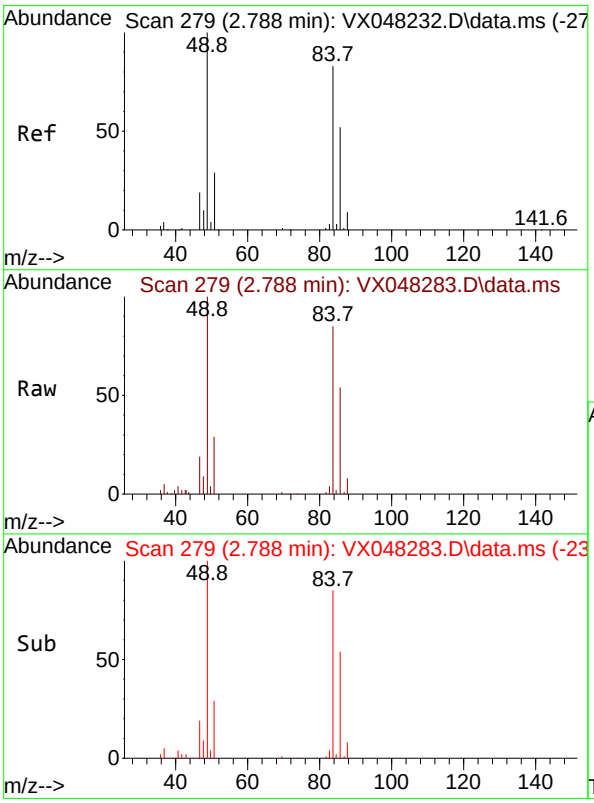
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.9 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

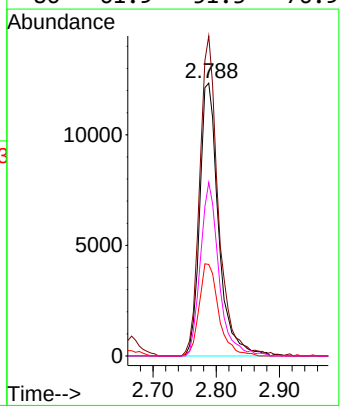
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

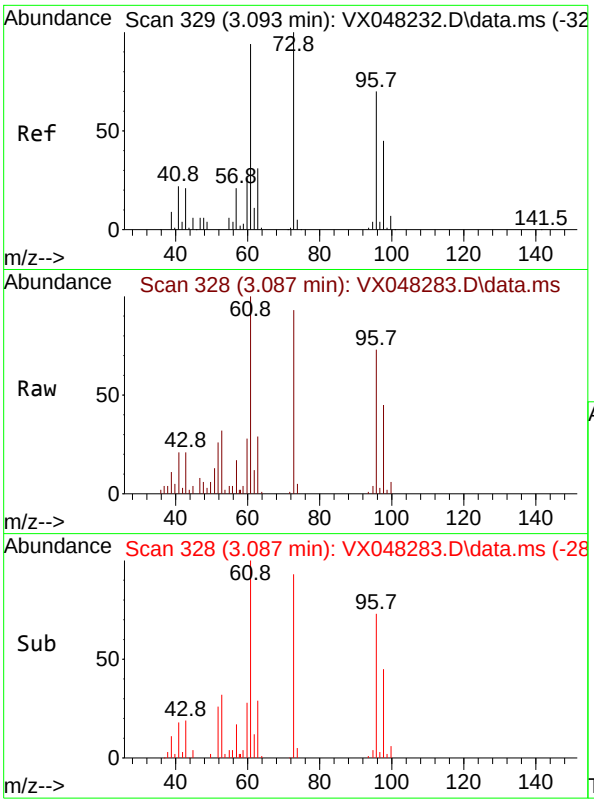



#20
Methylene Chloride
Concen: 18.860 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 84 Resp: 25627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 114.2 | 104.1 | 156.1 |
| 51 | 32.7 | 31.3 | 46.9 |
| 86 | 61.9 | 51.3 | 76.9 |

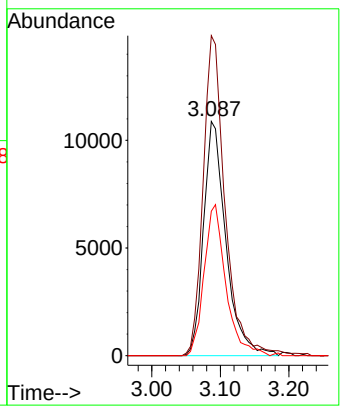





#21
trans-1,2-Dichloroethene
Concen: 18.448 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 96 Resp: 2466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.6 | 111.9 | 167.9 |
| 98 | 61.6 | 51.2 | 76.8 |




**Instrument :**
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VX1022WBS01

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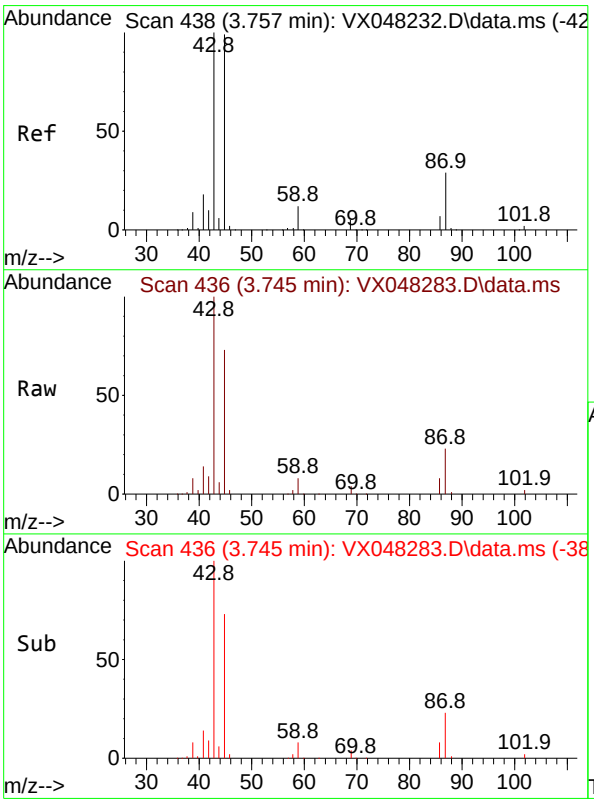
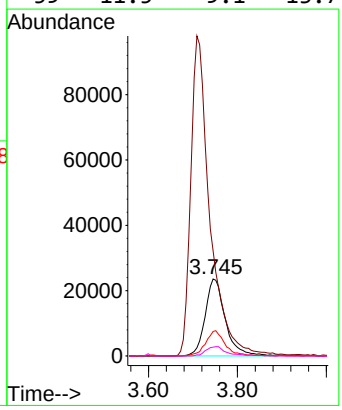
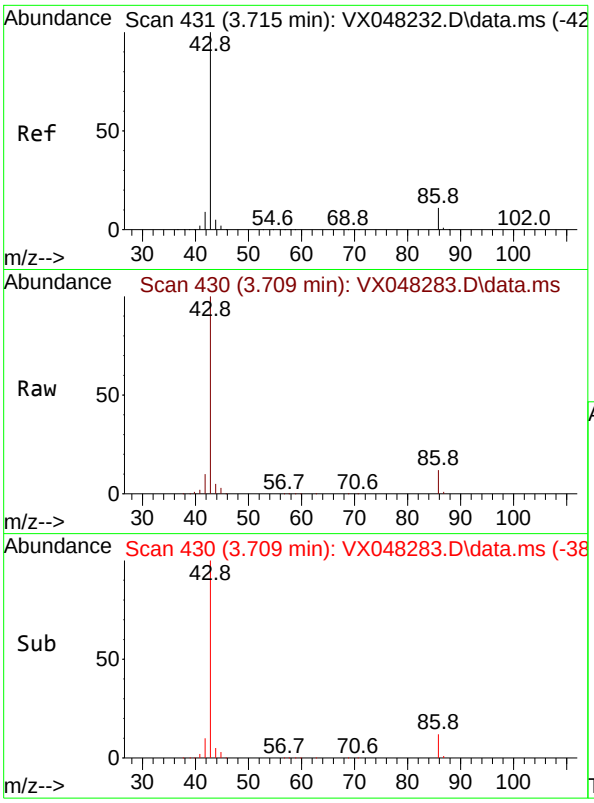



#22
Diisopropyl ether
Concen: 18.413 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 45 Resp: 74217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 135.1 | 89.8 | 134.8# |
| 87 | 31.9 | 20.6 | 31.0# |
| 59 | 11.5 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 91.123 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 29339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.7 | 7.9 | 11.9 |

**Instrument :**
MSVOA_X
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VX1022WBS01

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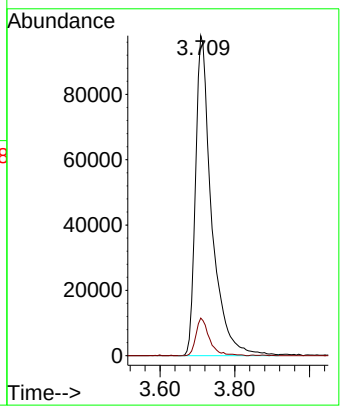
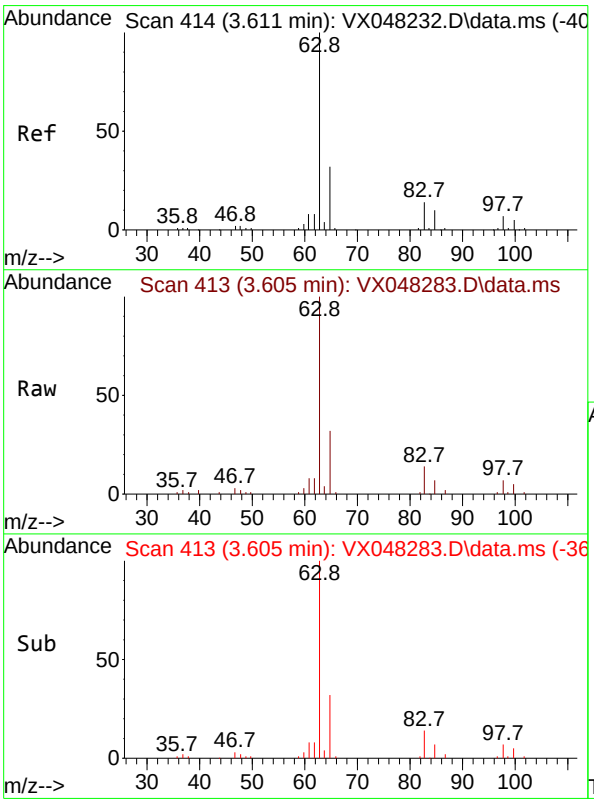
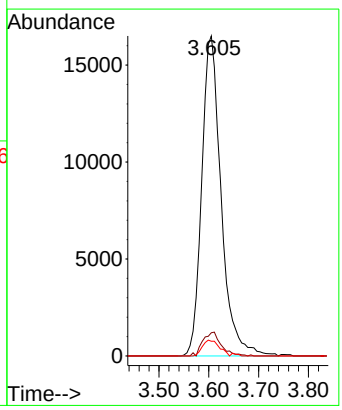


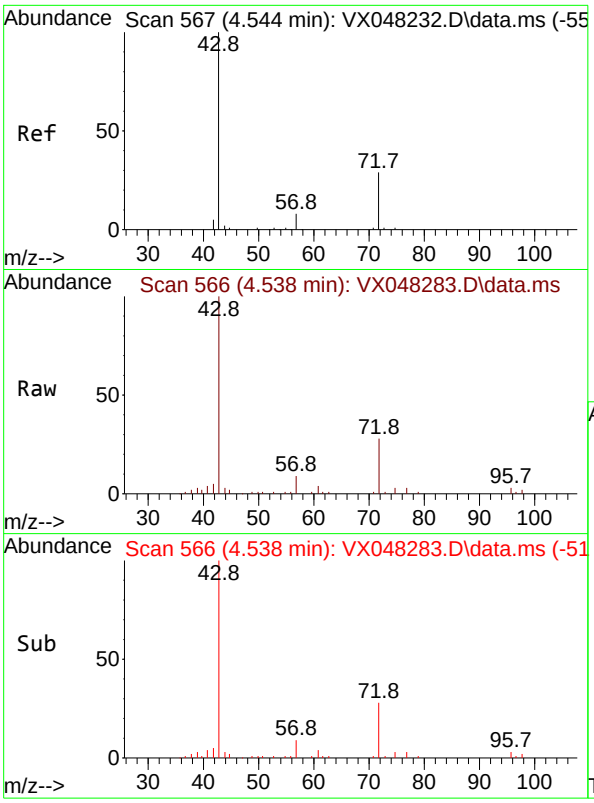




#24
1,1-Dichloroethane
Concen: 18.318 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 63 Resp: 44644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.0 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |






#25
2-Butanone
Concen: 88.741 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 6263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.1 | 19.9 | 29.9 |

**Instrument :**
MSVOA_X
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VX1022WBS01

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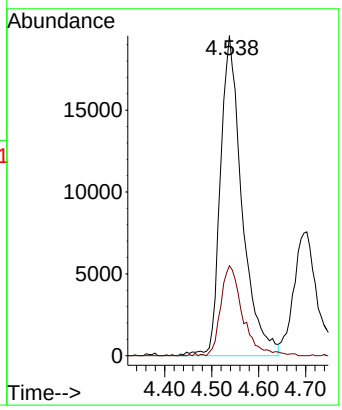
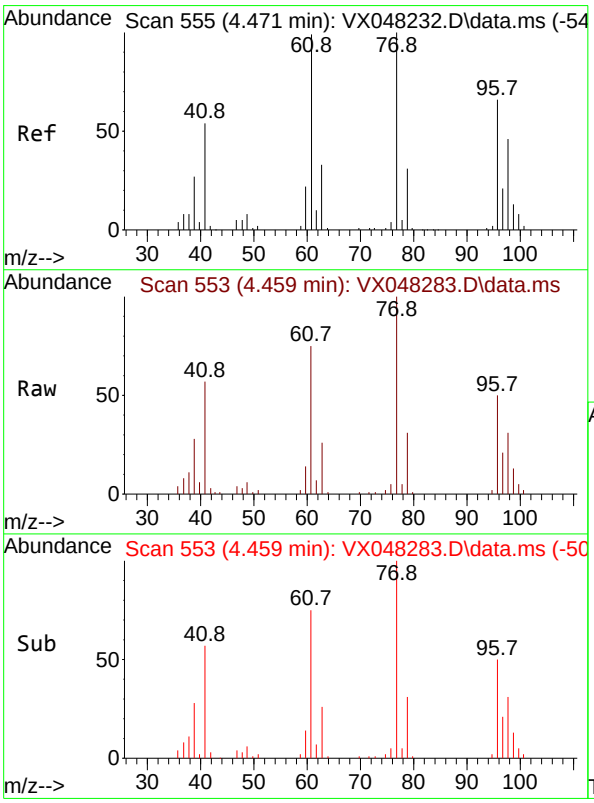
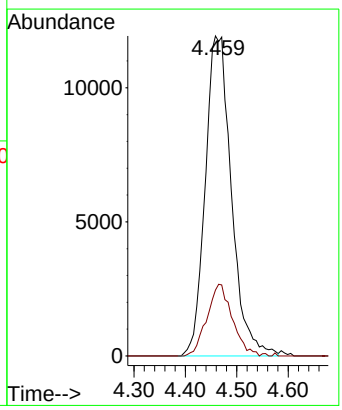


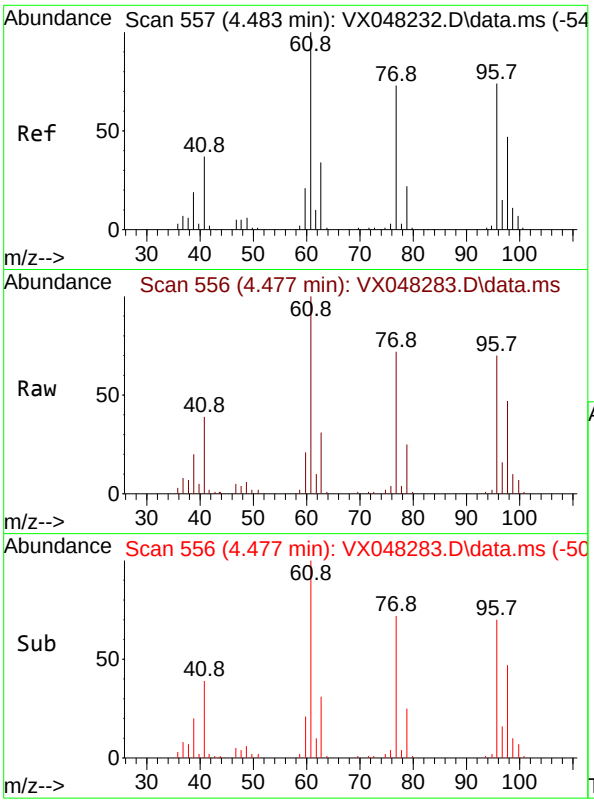




#26
2,2-Dichloropropane
Concen: 19.169 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 77 Resp: 42168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.8 | 11.1 | 33.3 |

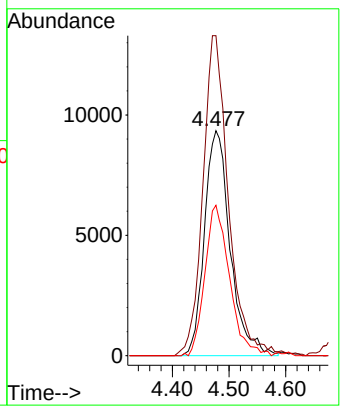





#27
cis-1,2-Dichloroethene
Concen: 18.855 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 96 Resp: 2942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.1 | 0.0 | 294.2 |
| 98 | 64.0 | 0.0 | 128.4 |




**Instrument :**
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VX1022WBS01

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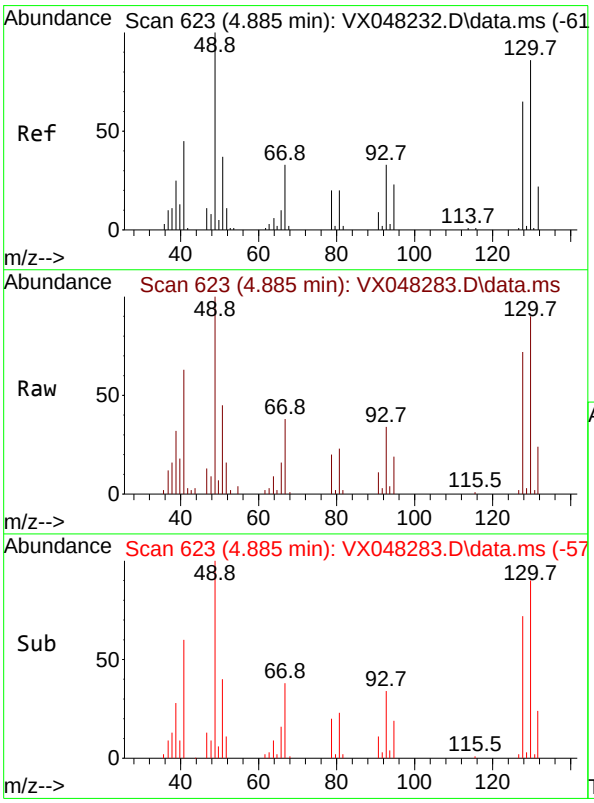
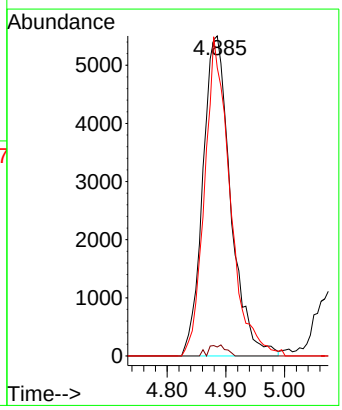
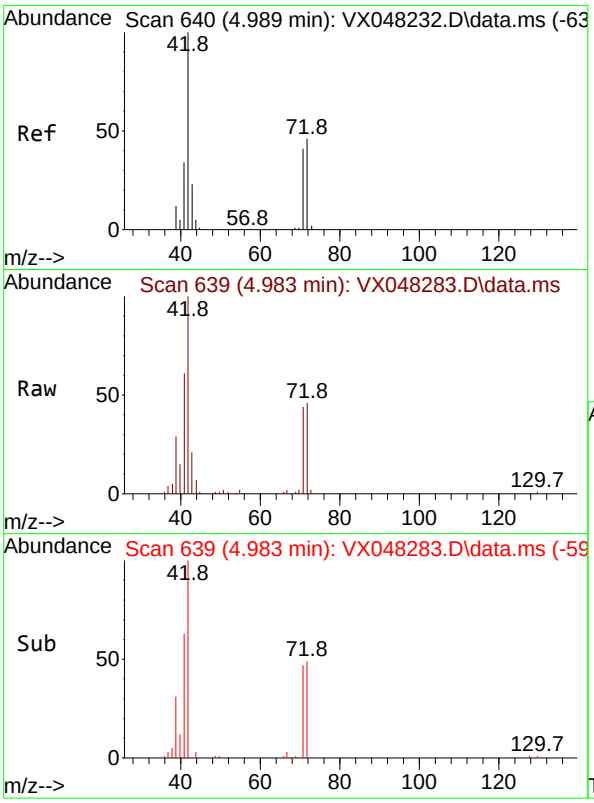



#28
Bromochloromethane
Concen: 17.914 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 49 Resp: 18103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 4.4 |
| 130 | 91.4 | 59.3 | 88.9# |

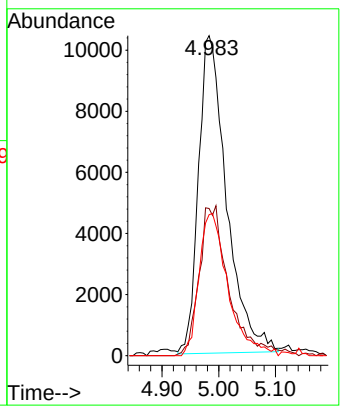





#29
Tetrahydrofuran
Concen: 84.647 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 42 Resp: 3578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 50.3 | 35.3 | 52.9 |
| 71 | 46.3 | 32.2 | 48.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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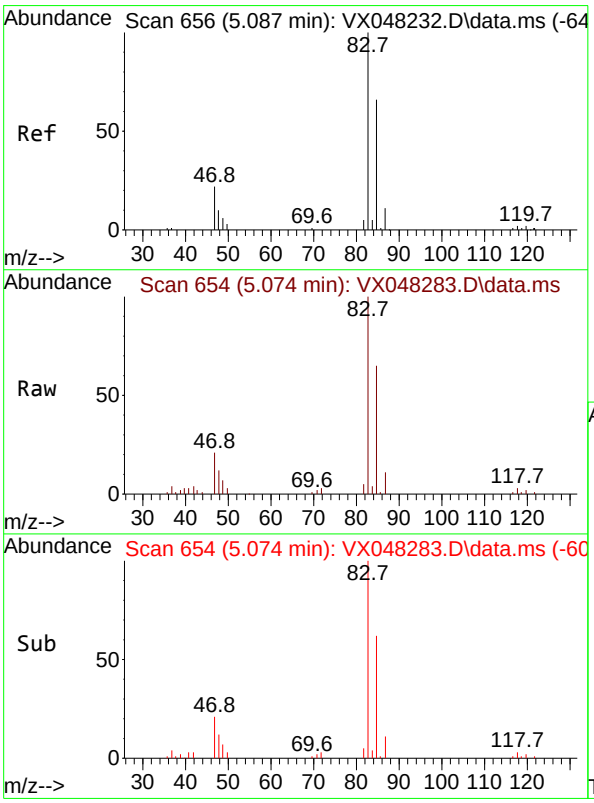
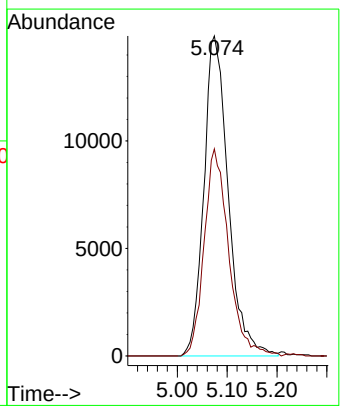
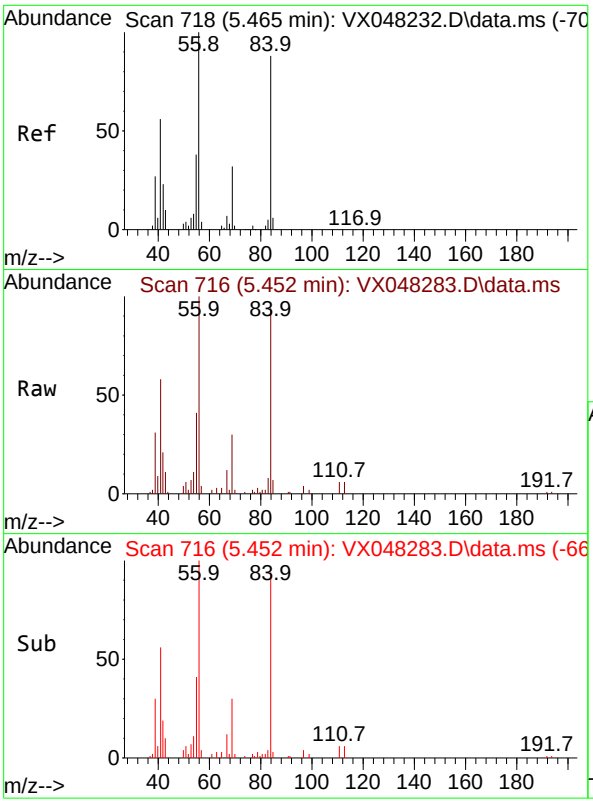



#30
Chloroform
Concen: 19.388 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 83 Resp: 50484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.9 | 50.1 | 75.1 |

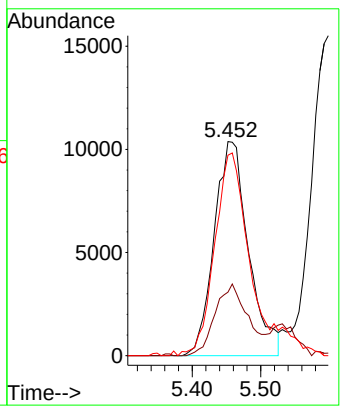





#31
Cyclohexane
Concen: 17.875 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 56 Resp: 3606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.7 | 23.0 | 34.6 |
| 84 | 93.6 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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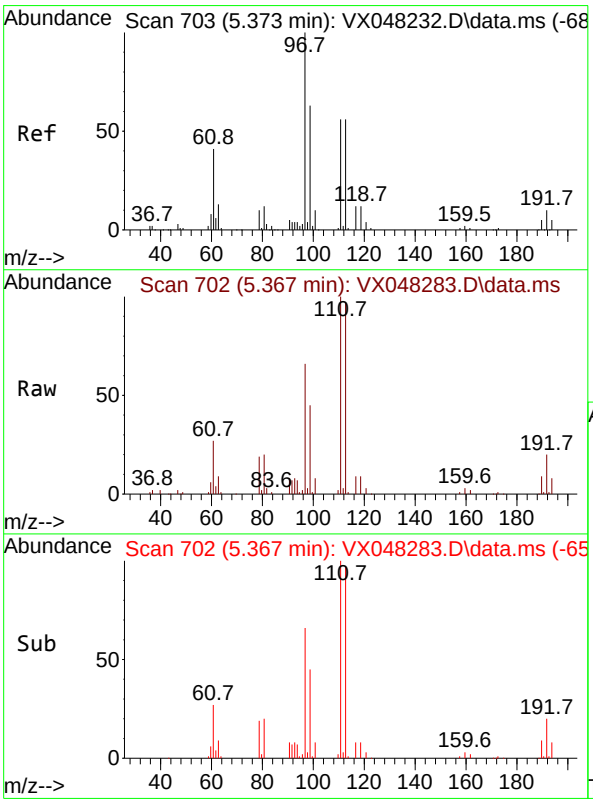
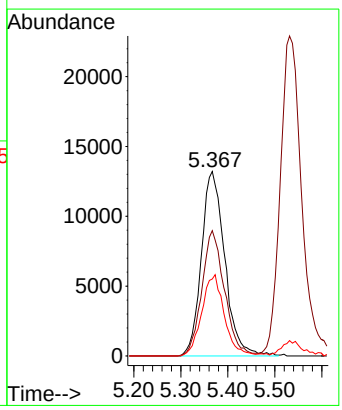
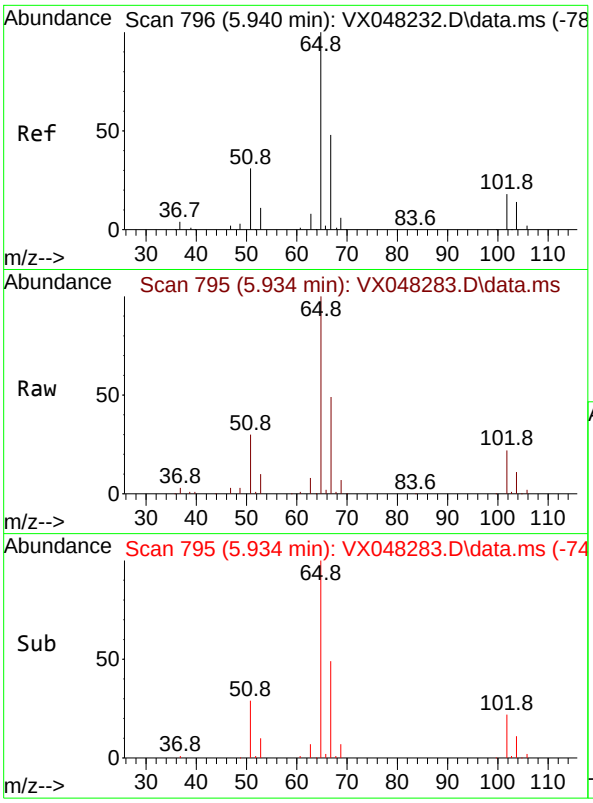



#32
1,1,1-Trichloroethane
Concen: 19.005 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 97 Resp: 45607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.9 | 51.7 | 77.5 |
| 61 | 42.3 | 34.8 | 52.2 |

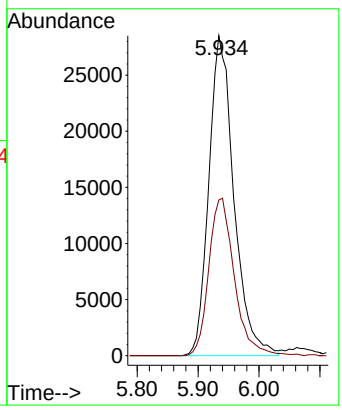





#33
1,2-Dichloroethane-d4
Concen: 50.182 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 65 Resp: 8157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.3 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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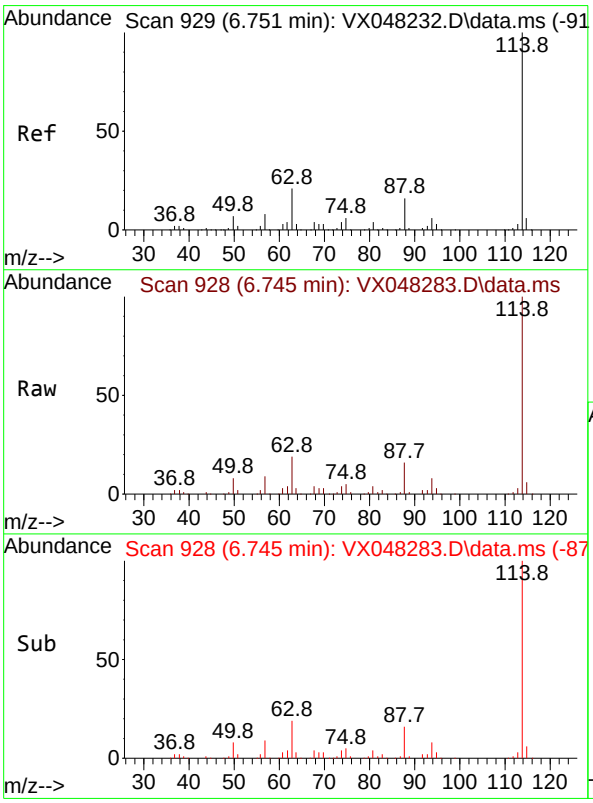
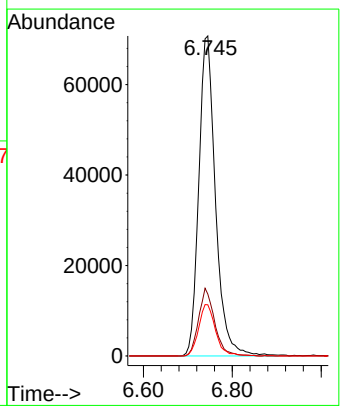
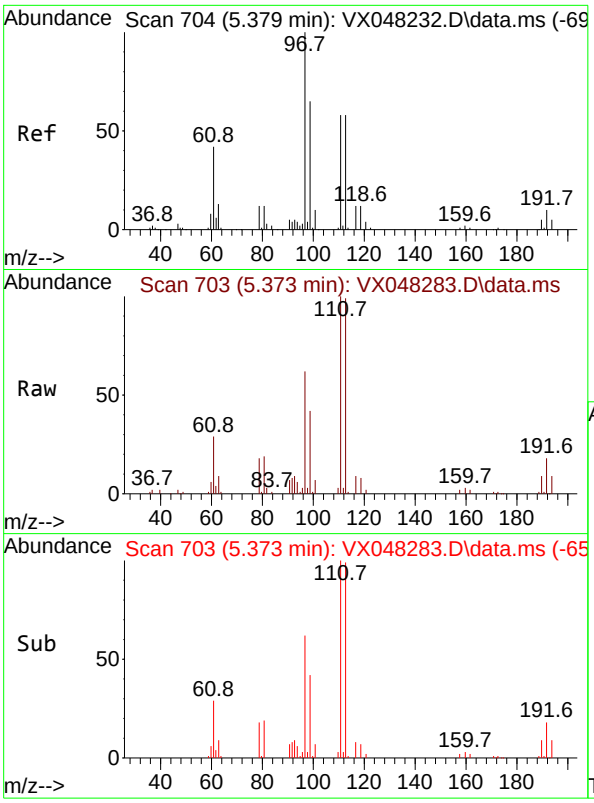



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:114 Resp: 185153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.3 | 0.0 | 43.2 |
| 88 | 16.0 | 0.0 | 33.6 |

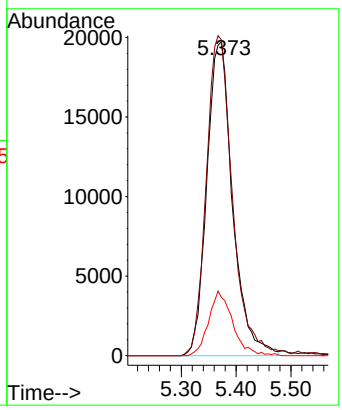





#35
Dibromofluoromethane
Concen: 50.934 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:113 Resp: 6438

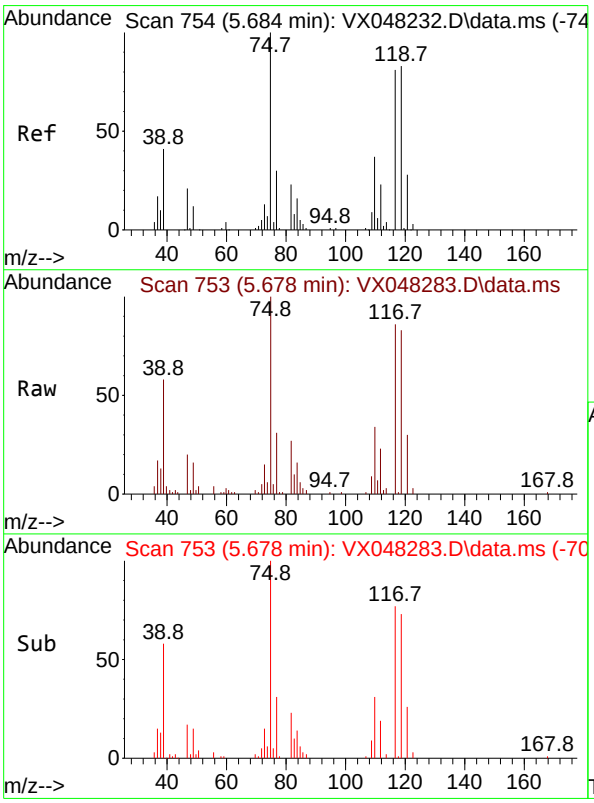
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 82.2 | 123.4 |
| 192 | 19.3 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

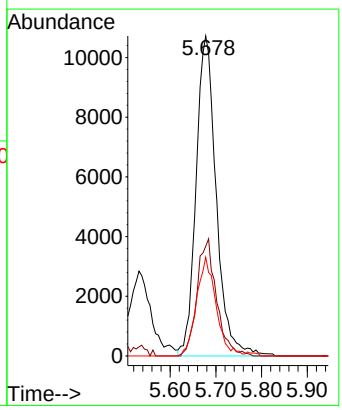
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

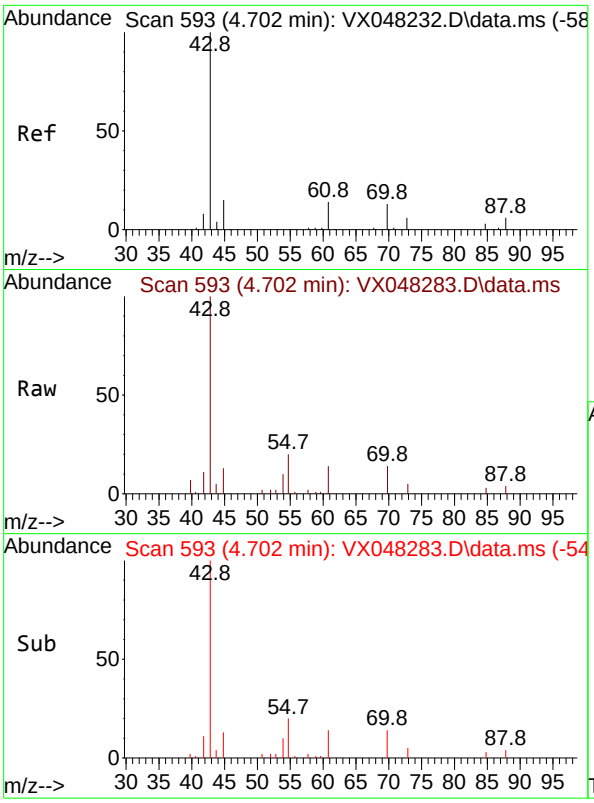



#36
1,1-Dichloropropene
Concen: 18.304 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 32884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.3 | 17.7 | 53.1 |
| 77 | 29.7 | 24.3 | 36.5 |






#37
Ethyl Acetate
Concen: 17.321 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 2579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.5 | 10.6 | 15.8 |
| 70 | 11.6 | 7.8 | 11.6 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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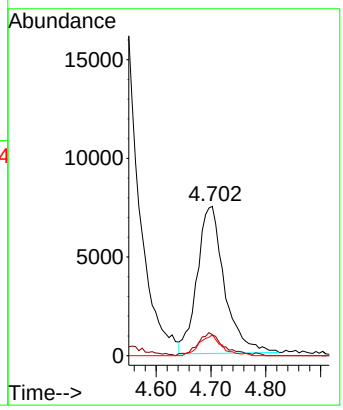
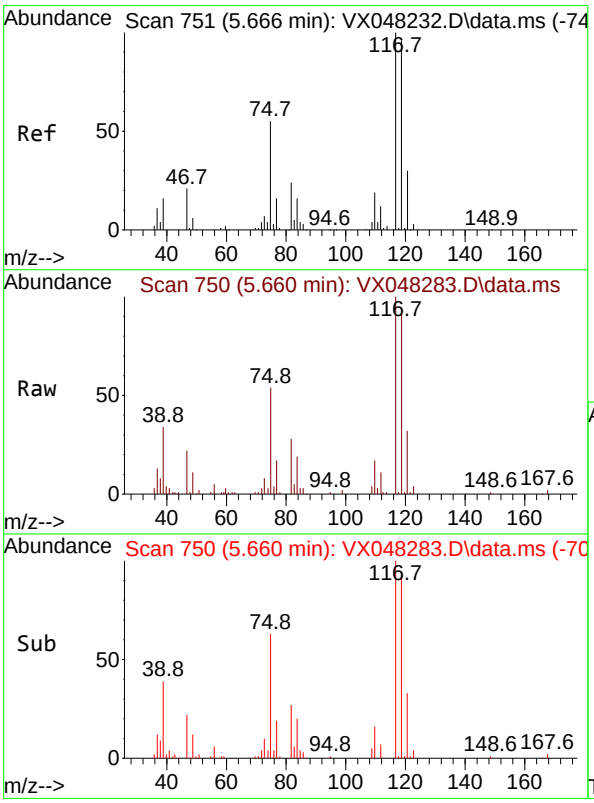
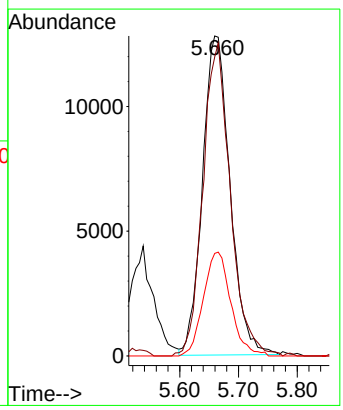


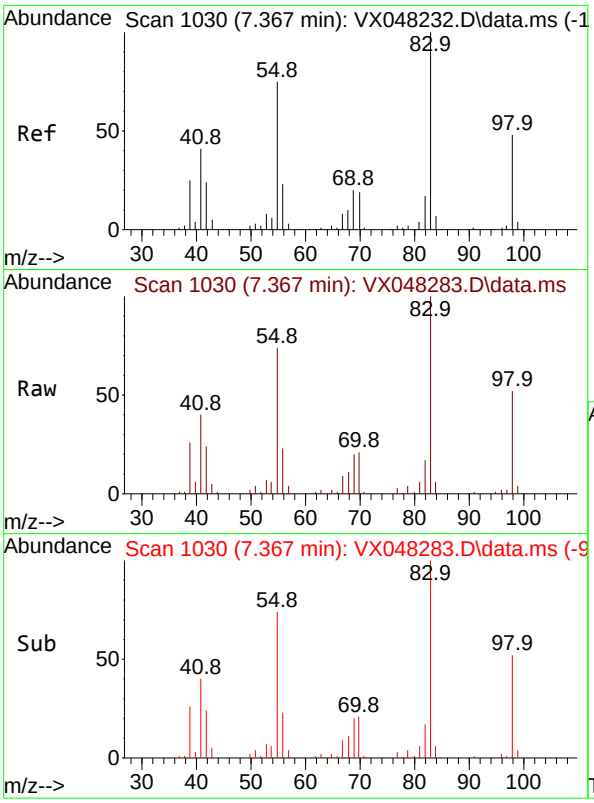




#38
Carbon Tetrachloride
Concen: 18.866 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:117 Resp: 41818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.0 | 77.2 | 115.8 |
| 121 | 32.2 | 24.8 | 37.2 |

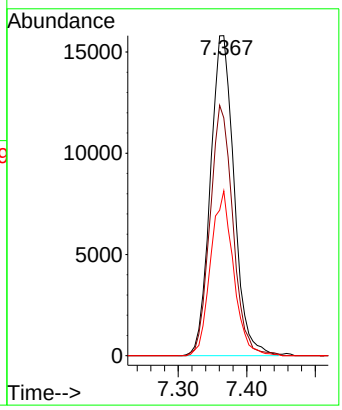





#39
Methylcyclohexane
Concen: 17.896 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 83 Resp: 3797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.3 | 66.2 | 99.2 |
| 98 | 51.5 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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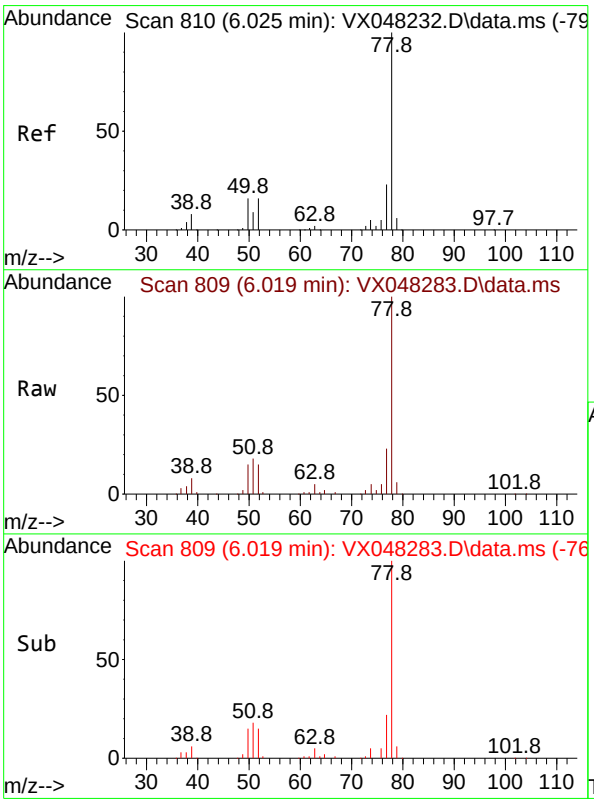
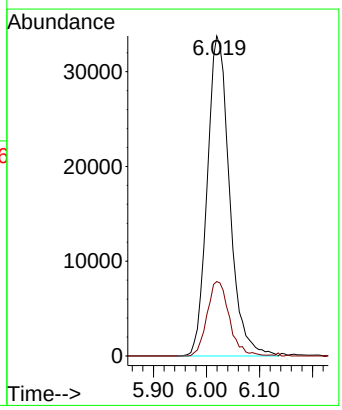
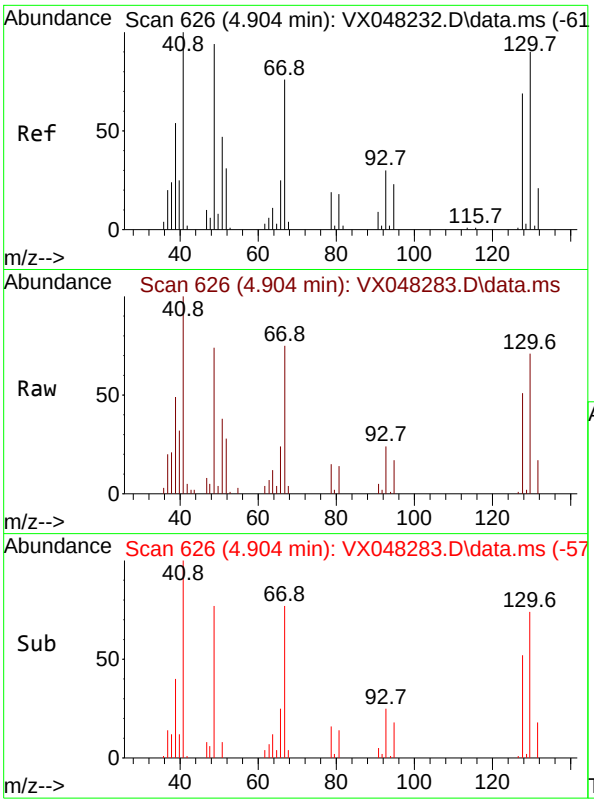



#40
Benzene
Concen: 18.922 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 78 Resp: 98700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.3 | 19.3 | 28.9 |

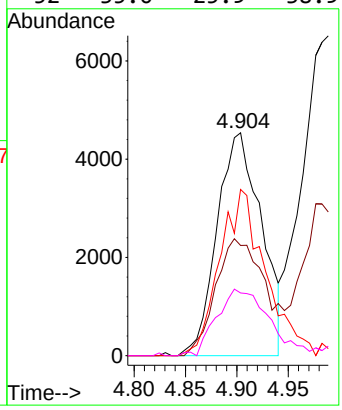





#41
Methacrylonitrile
Concen: 17.443 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 41 Resp: 1364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 59.4 | 44.0 | 66.0 |
| 67 | 76.5 | 58.7 | 88.1 |
| 52 | 35.0 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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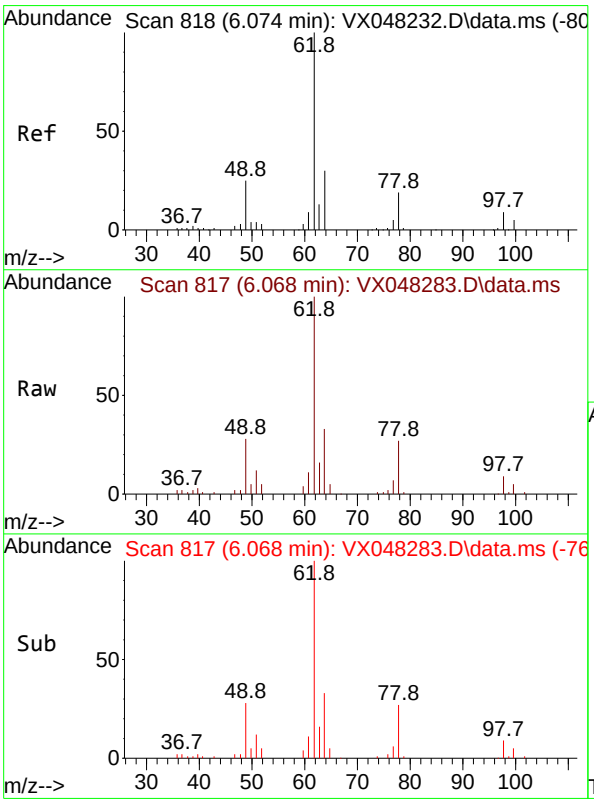
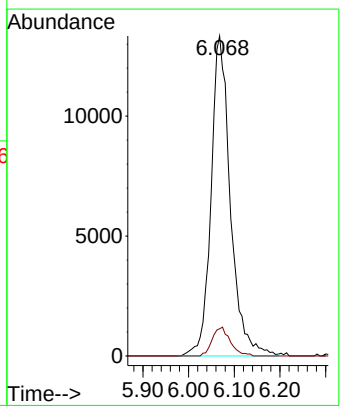
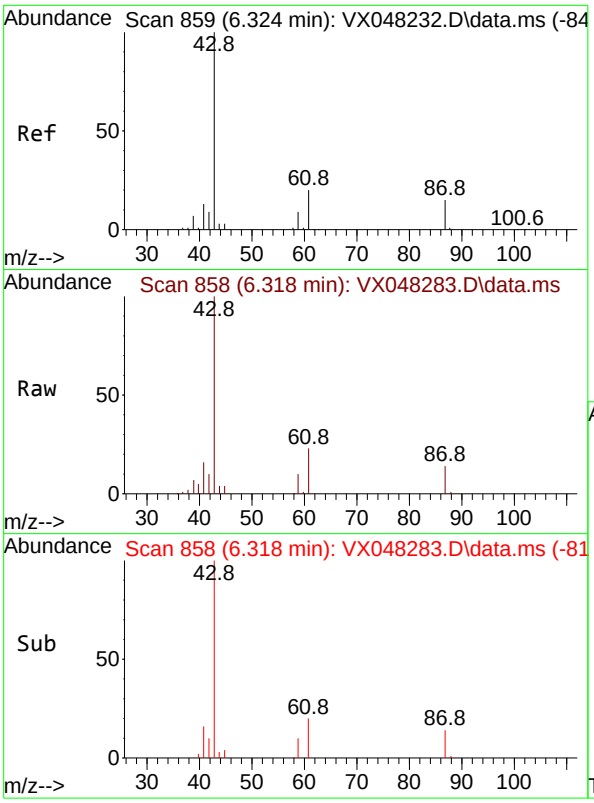



#42
1,2-Dichloroethane
Concen: 20.367 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 62 Resp: 39202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.4 | 0.0 | 17.2 |






#43
Isopropyl Acetate
Concen: 17.936 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 4387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.1 | 14.9 | 22.3 |
| 87 | 13.1 | 9.4 | 14.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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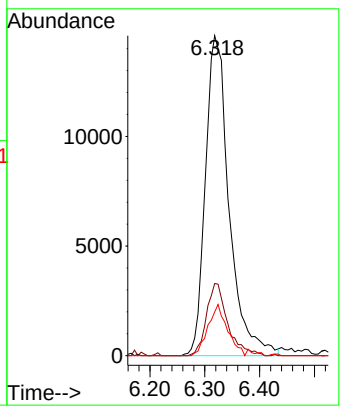
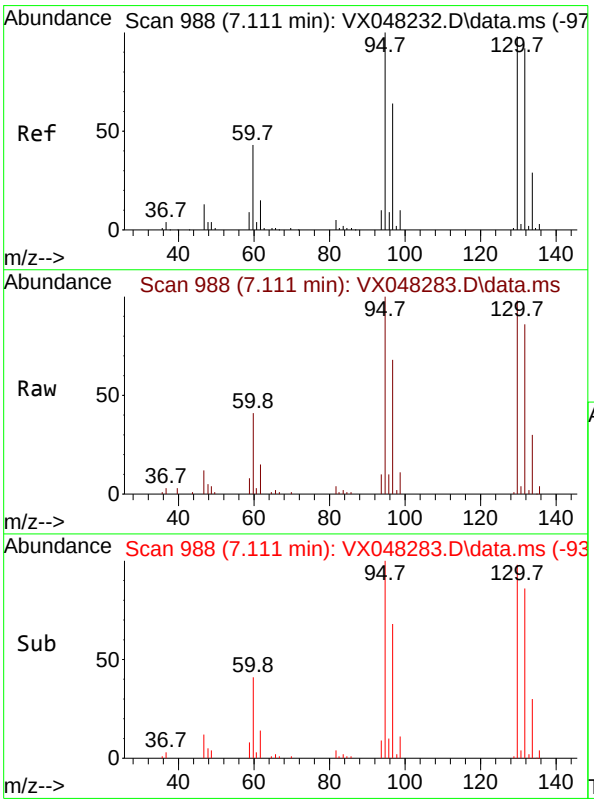
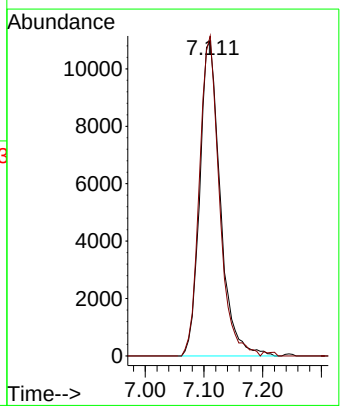


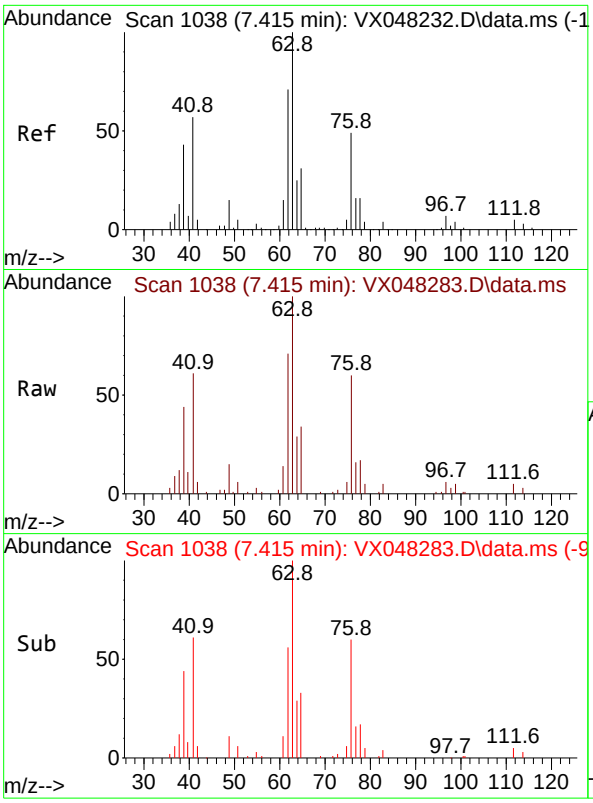




#44
Trichloroethene
Concen: 19.325 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:130 Resp: 26617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 101.7 | 0.0 | 200.6 |

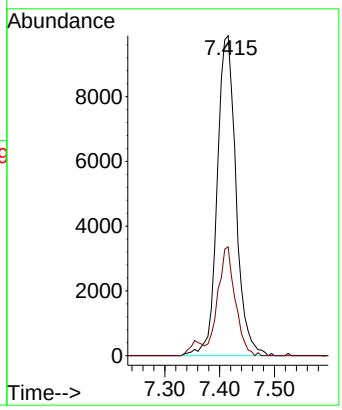





#45
1,2-Dichloropropane
Concen: 19.022 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 63 Resp: 2359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 34.0 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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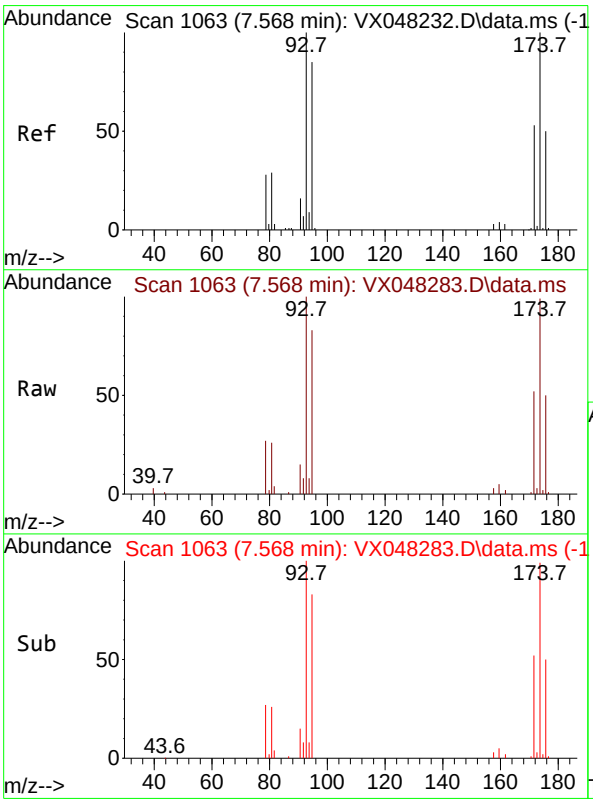
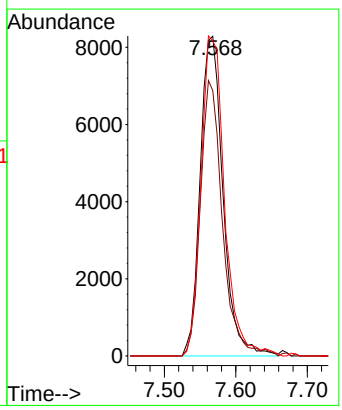
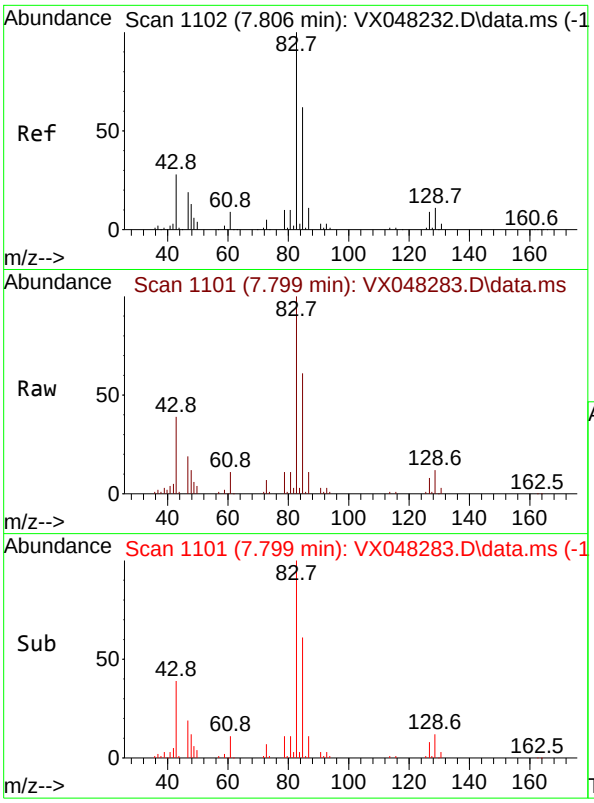



#46
Dibromomethane
Concen: 19.074 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 93 Resp: 18429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.1 | 65.9 | 98.9 |
| 174 | 102.9 | 71.7 | 107.5 |

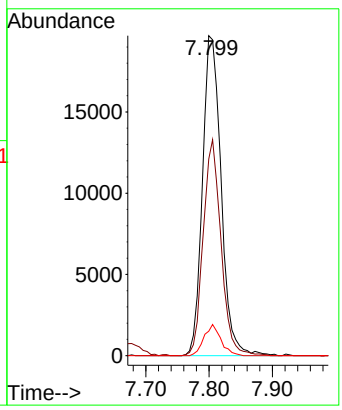





#47
Bromodichloromethane
Concen: 19.417 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 83 Resp: 4050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.4 | 52.2 | 78.4 |
| 127 | 8.4 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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Reviewed By :John Carlone 10/24/2025
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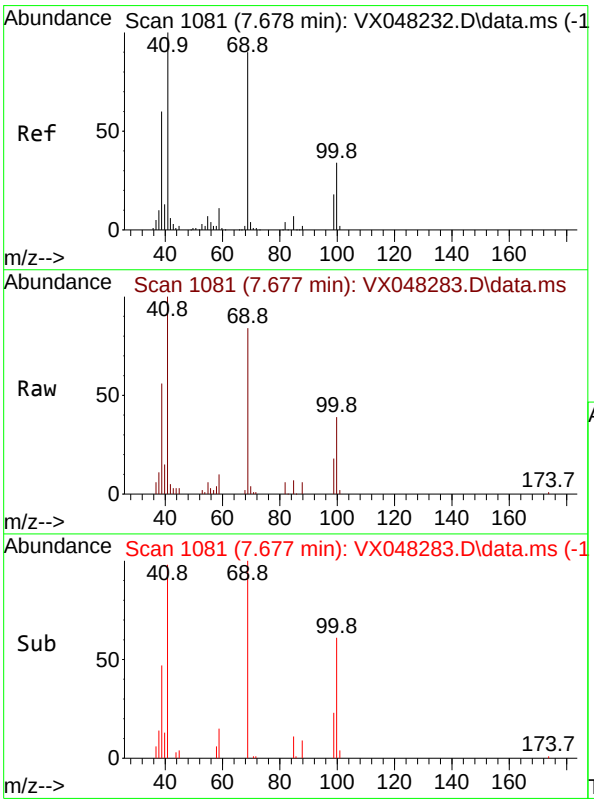
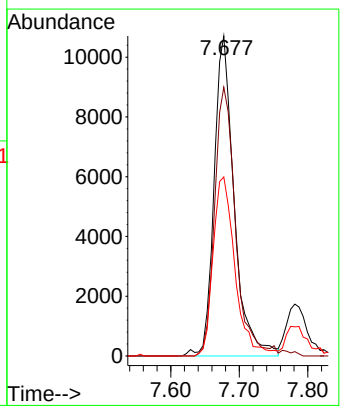
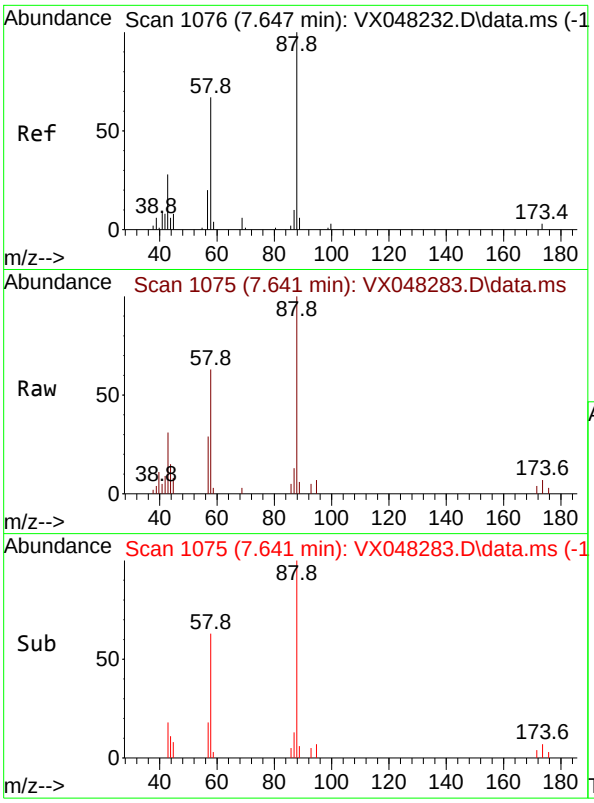



#48
Methyl methacrylate
Concen: 17.627 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 41 Resp: 21757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 88.1 | 63.4 | 95.0 |
| 39 | 60.7 | 47.1 | 70.7 |

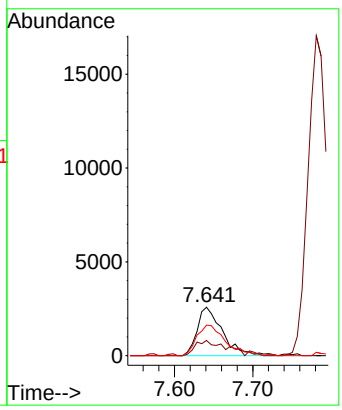





#49
1,4-Dioxane
Concen: 355.001 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 88 Resp: 578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 36.7 | 35.0 | 52.4 |
| 58 | 71.1 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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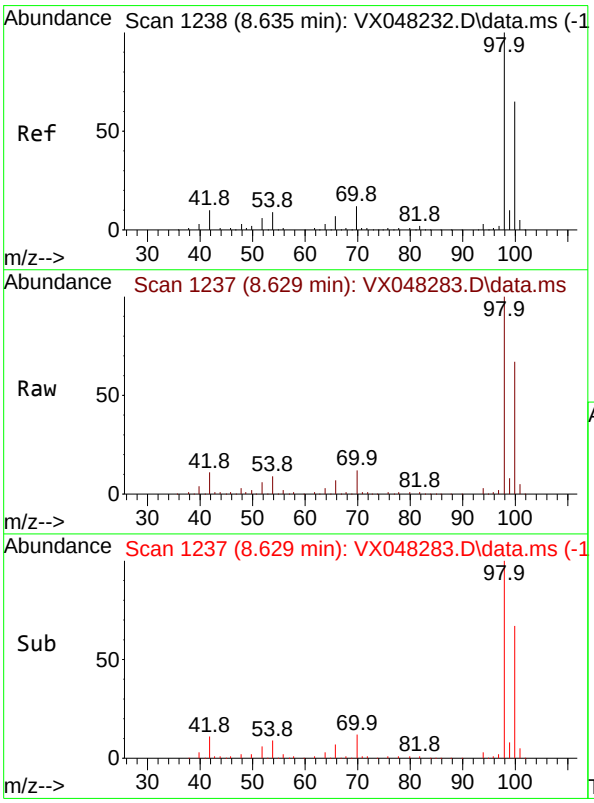
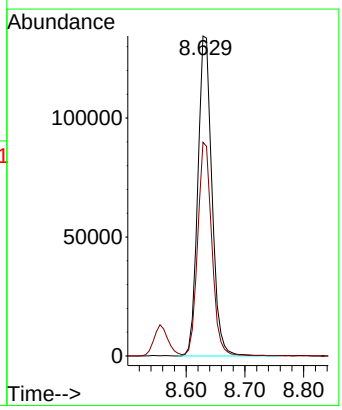
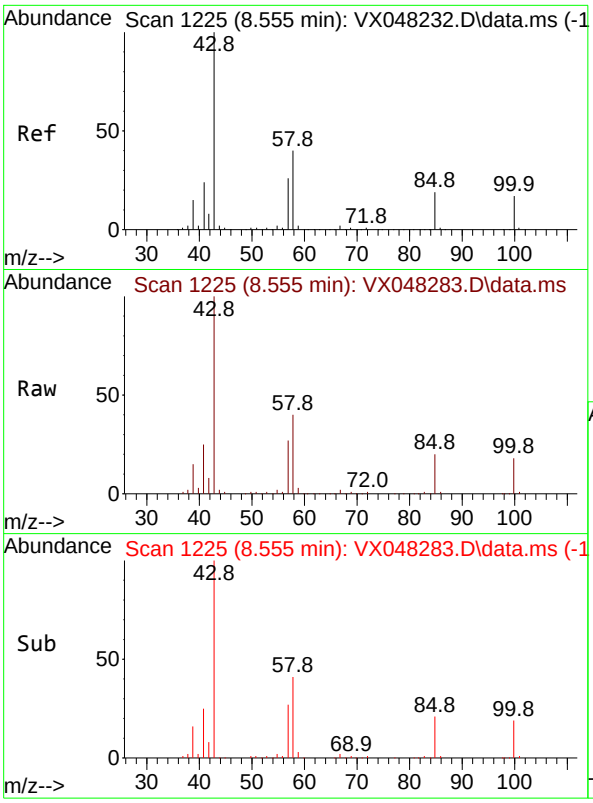



#50
Toluene-d8
Concen: 50.743 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 98 Resp: 224820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.1 | 53.0 | 79.4 |

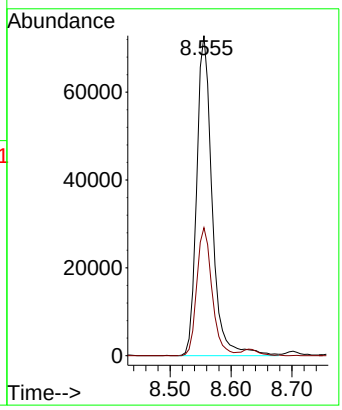





#51
4-Methyl-2-Pentanone
Concen: 91.119 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 12850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.4 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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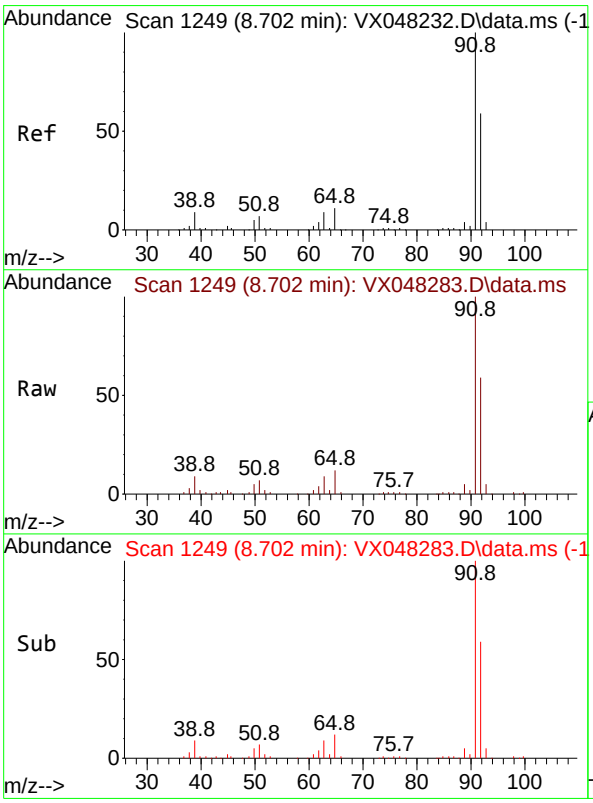
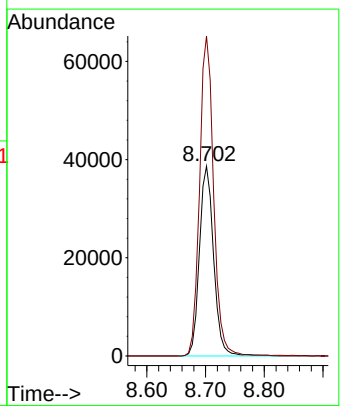
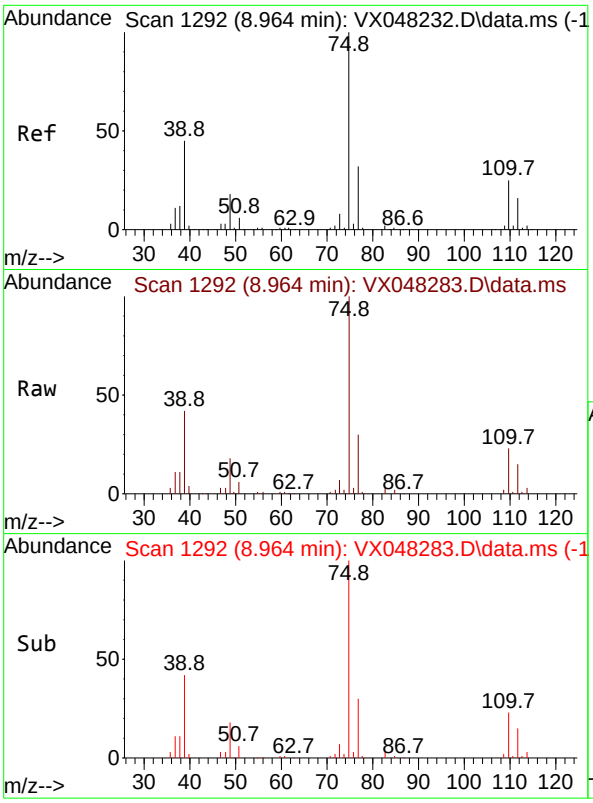



#52
Toluene
Concen: 19.569 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 92 Resp: 64846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 167.4 | 136.1 | 204.1 |

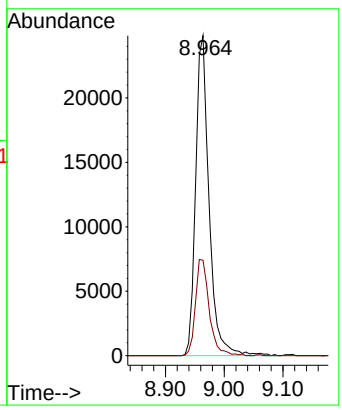





#53
t-1,3-Dichloropropene
Concen: 19.575 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 3935

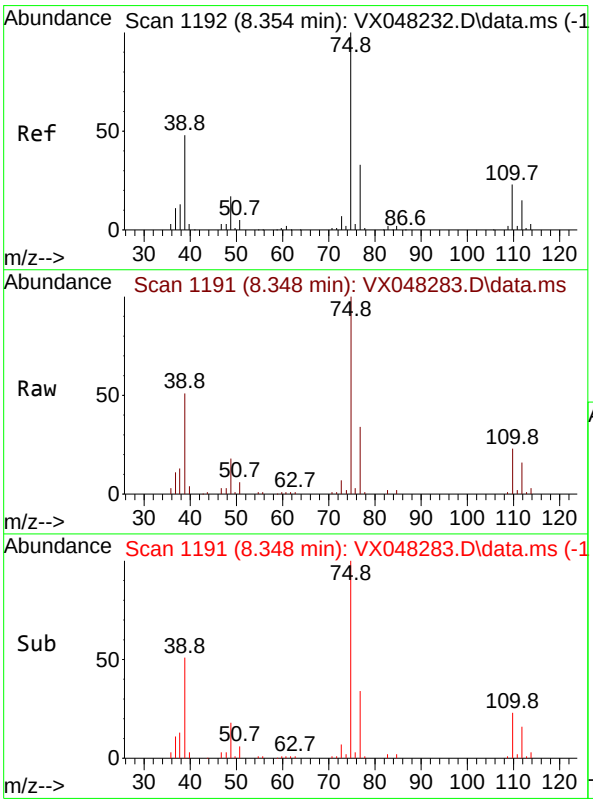
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.8 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations**
**APPROVED**

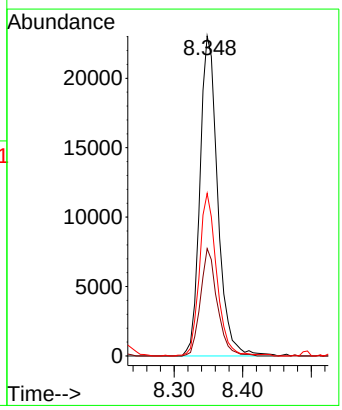
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

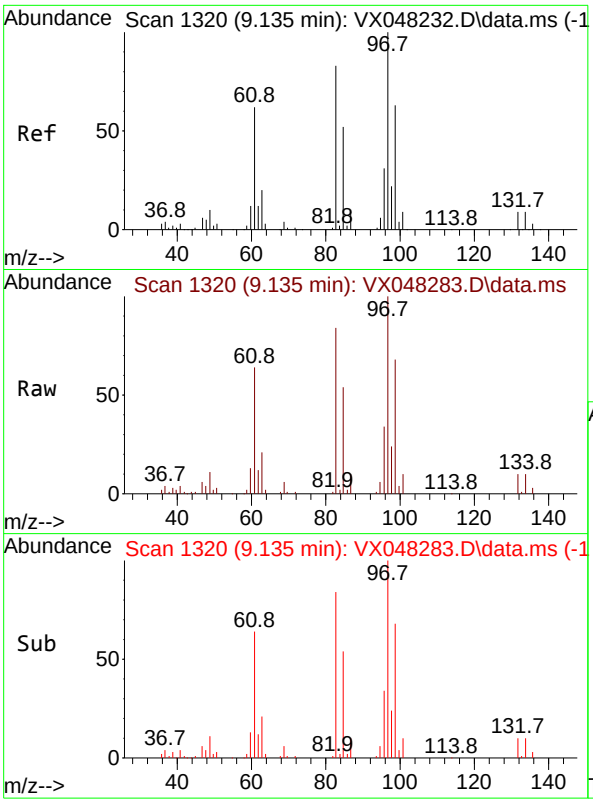



#54
cis-1,3-Dichloropropene
Concen: 19.183 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 41608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.5 | 24.9 | 37.3 |
| 39 | 49.1 | 42.6 | 64.0 |

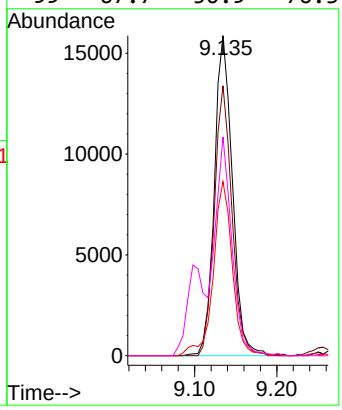





#55
1,1,2-Trichloroethane
Concen: 19.667 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 97 Resp: 2423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.3 | 70.6 | 105.8 |
| 85 | 54.4 | 45.0 | 67.6 |
| 99 | 67.7 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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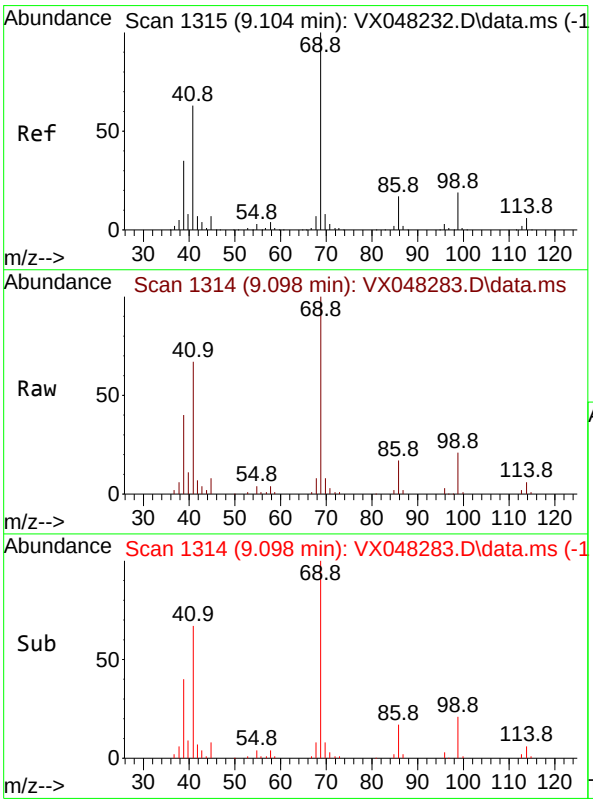
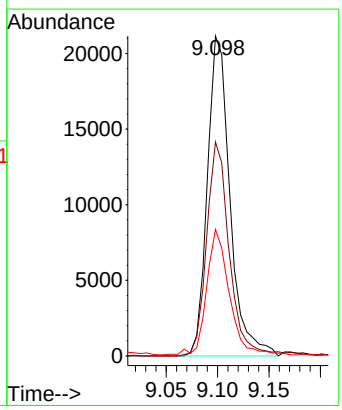
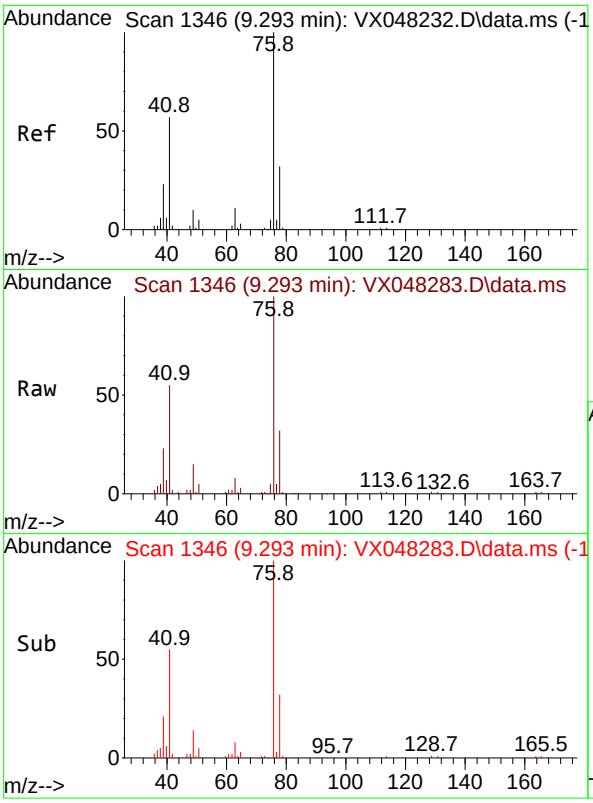



#56
Ethyl methacrylate
Concen: 17.941 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 69 Resp: 32337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 68.0 | 56.0 | 84.0 |
| 39 | 39.3 | 31.6 | 47.4 |

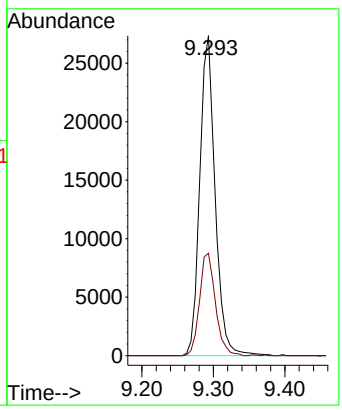





#57
1,3-Dichloropropane
Concen: 19.378 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 76 Resp: 4079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.1 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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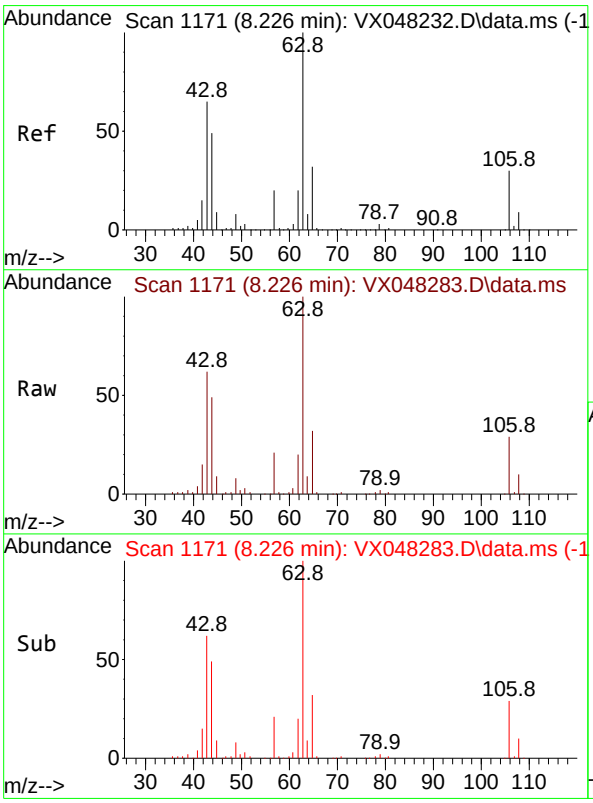
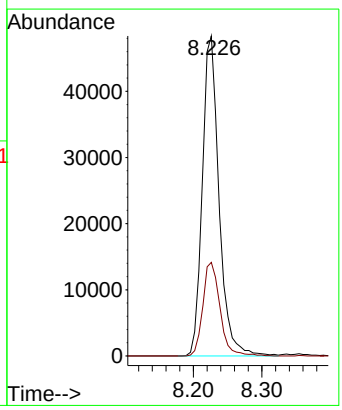
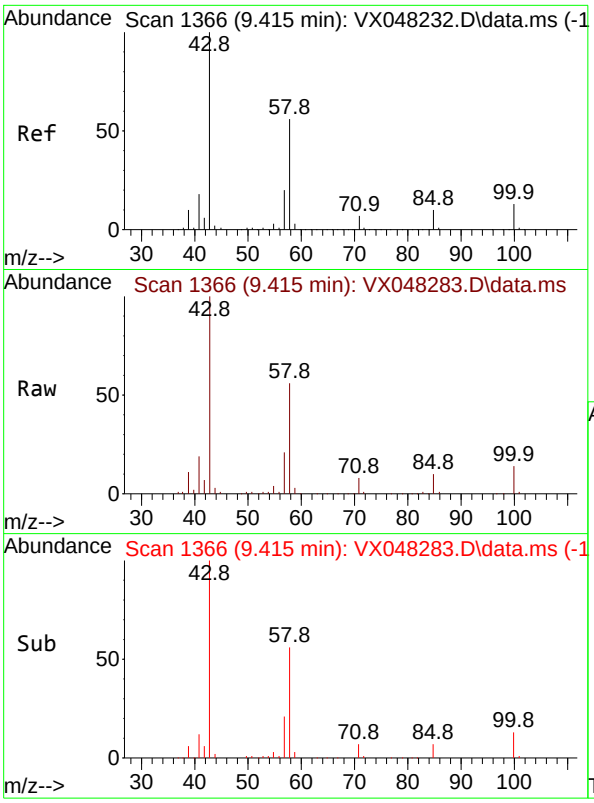



#58
2-Chloroethyl Vinyl ether
Concen: 86.039 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 63 Resp: 82301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.9 | 22.2 | 33.2 |

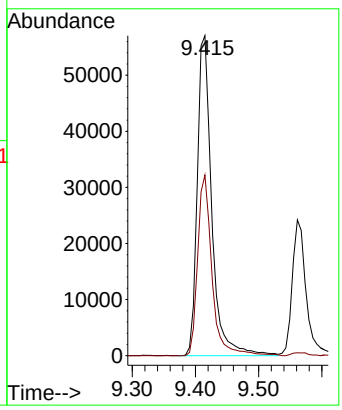





#59
2-Hexanone
Concen: 92.750 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 9121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.8 | 26.3 | 78.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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Reviewed By :John Carlone 10/24/2025
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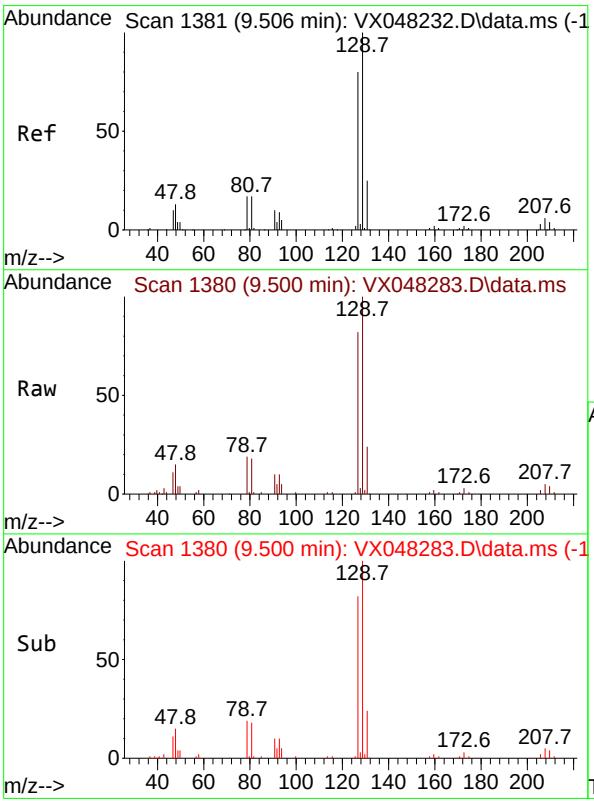
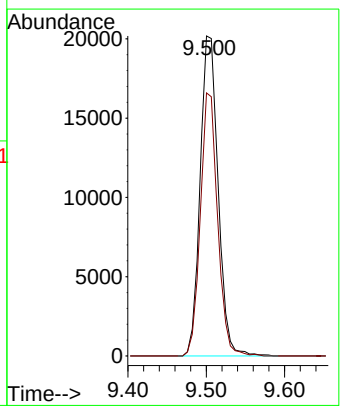
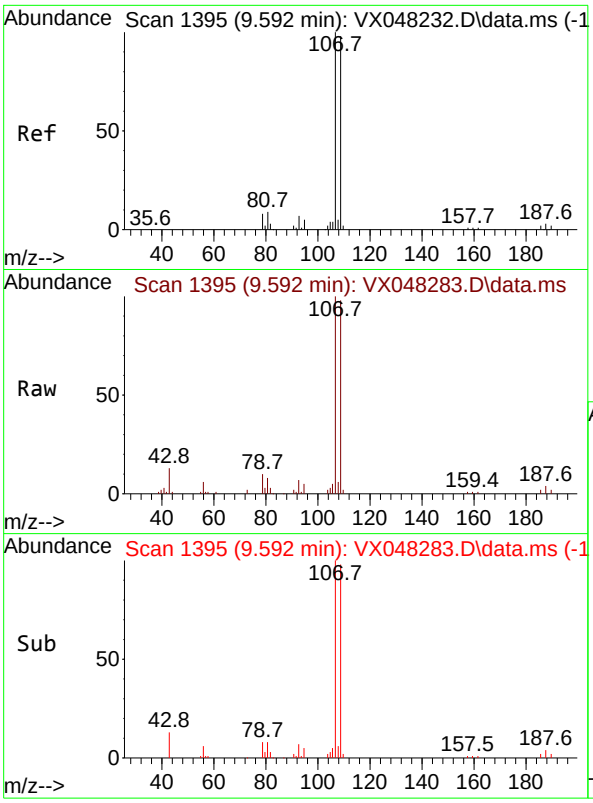



#60
Dibromochloromethane
Concen: 19.391 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:129 Resp: 32118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.9 | 38.6 | 115.7 |

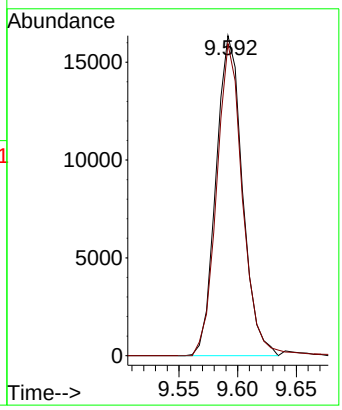





#61
1,2-Dibromoethane
Concen: 19.461 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:107 Resp: 2556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.1 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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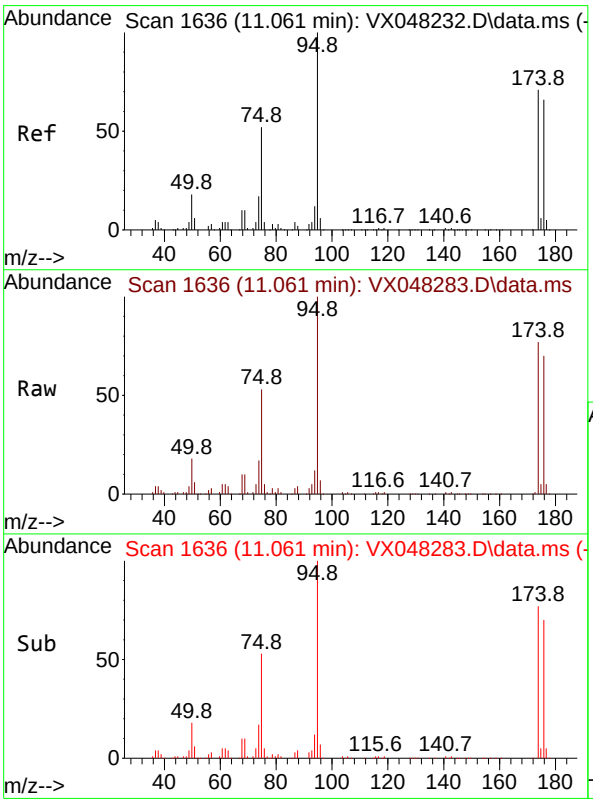
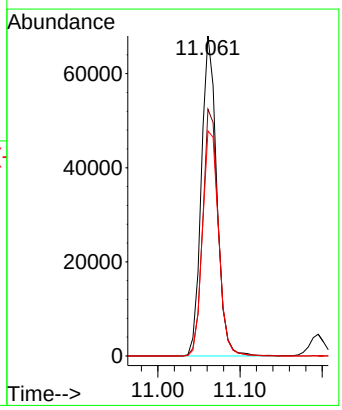
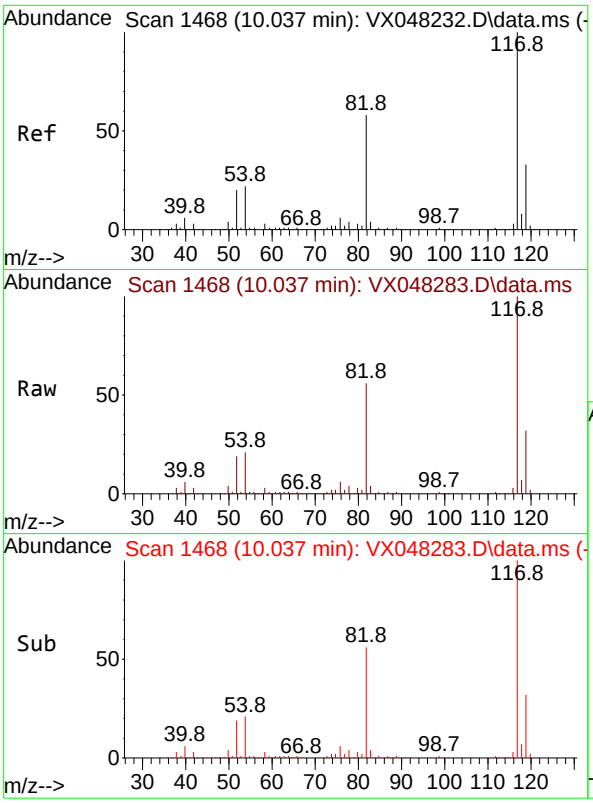



#62
4-Bromofluorobenzene
Concen: 52.404 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 95 Resp: 88327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.0 | 0.0 | 147.8 |
| 176 | 73.9 | 0.0 | 142.8 |

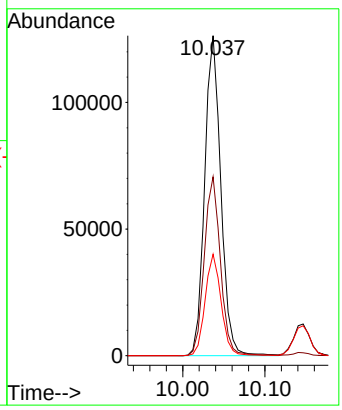





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:117 Resp: 17244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.9 | 46.5 | 69.7 |
| 119 | 31.7 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
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VX1022WBS01

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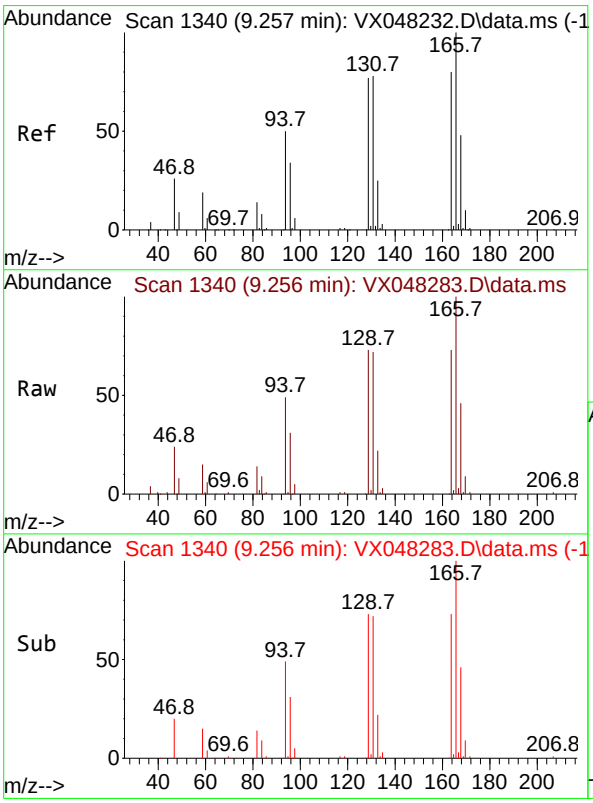
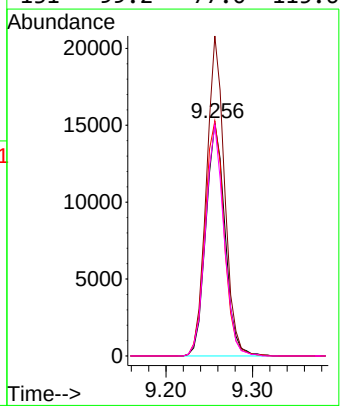
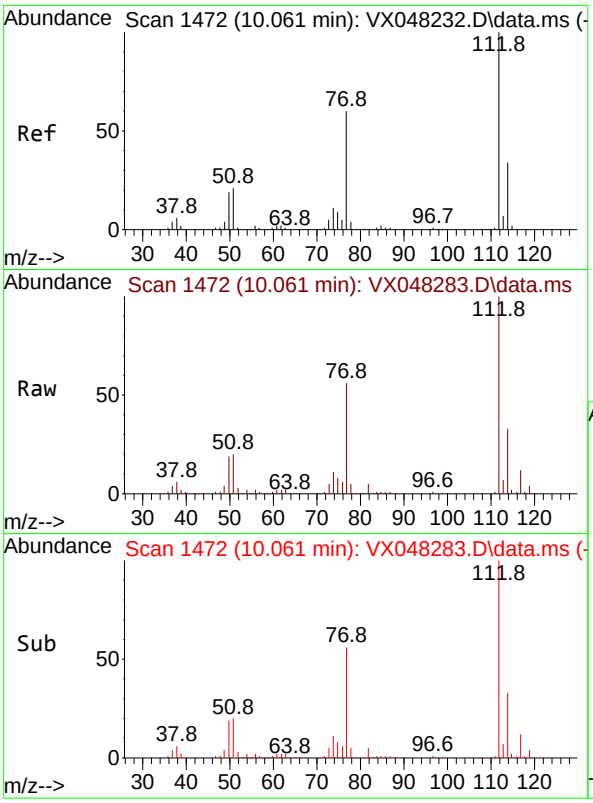



#64
Tetrachloroethene
Concen: 17.948 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:164 Resp: 23106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 137.4 | 104.5 | 156.7 |
| 129 | 100.9 | 81.8 | 122.6 |
| 131 | 99.2 | 77.0 | 115.6 |

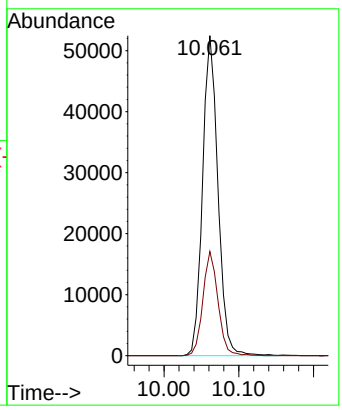





#65
Chlorobenzene
Concen: 19.299 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:112 Resp: 7486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 26.2 | 39.2 |

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MSVOA_X
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VX1022WBS01

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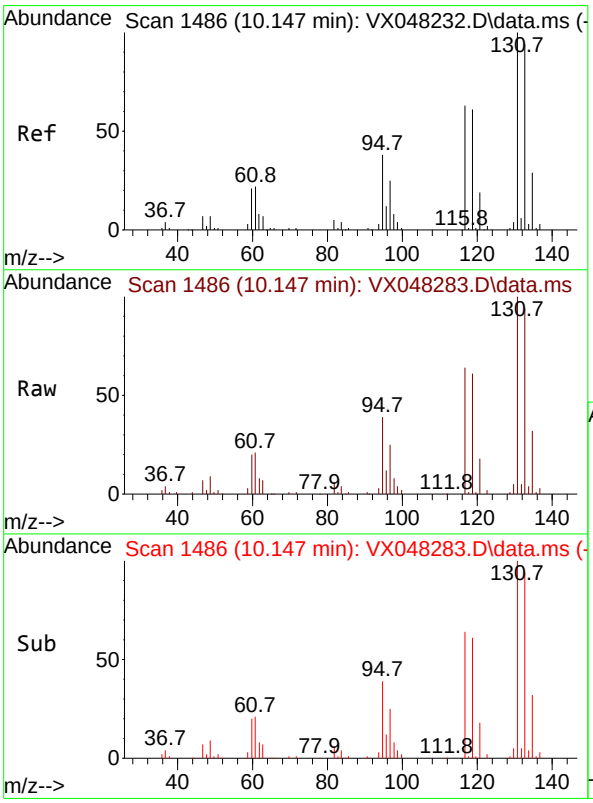
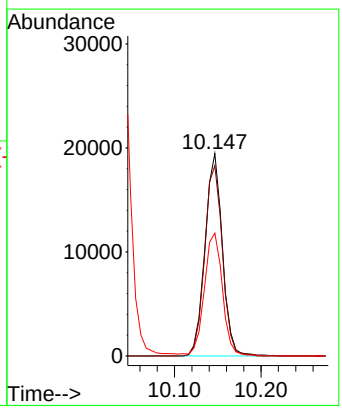
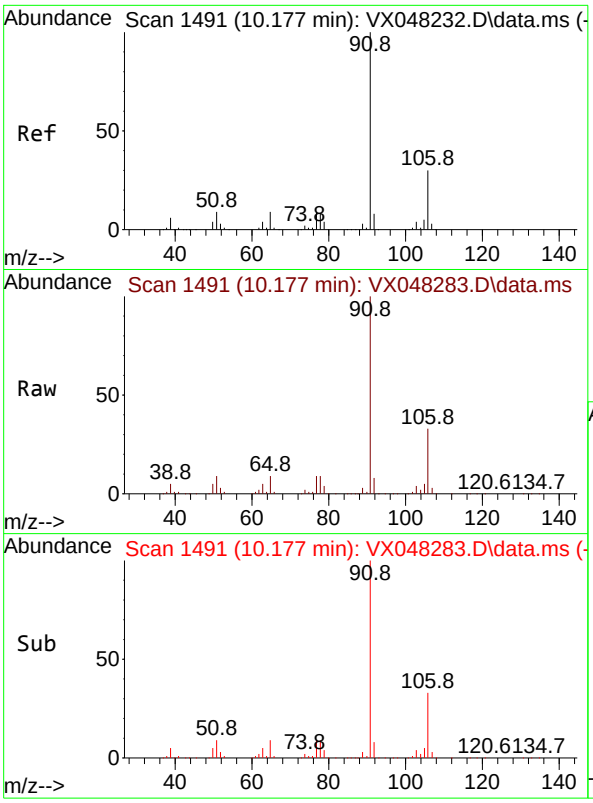



#66
1,1,1,2-Tetrachloroethane
Concen: 19.105 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:131 Resp: 27221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.5 | 47.6 | 142.8 |
| 119 | 63.3 | 32.5 | 97.5 |

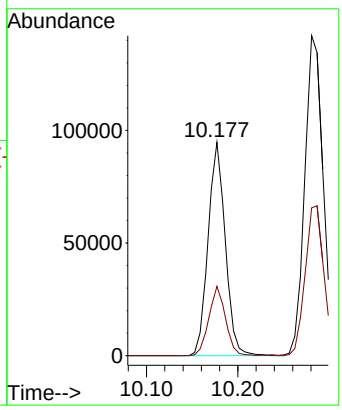





#67
Ethyl Benzene
Concen: 18.730 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 91 Resp: 12370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.5 | 23.8 | 35.6 |

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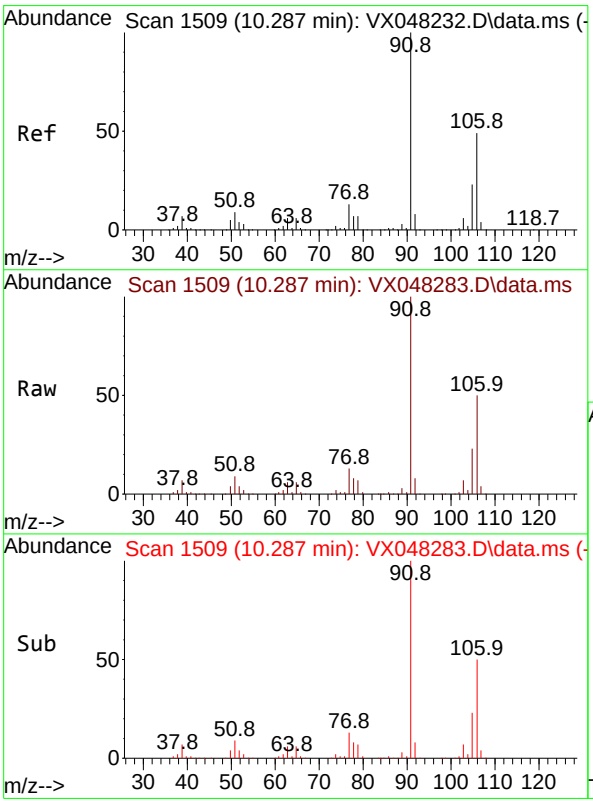
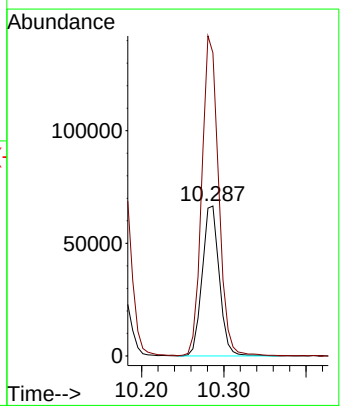
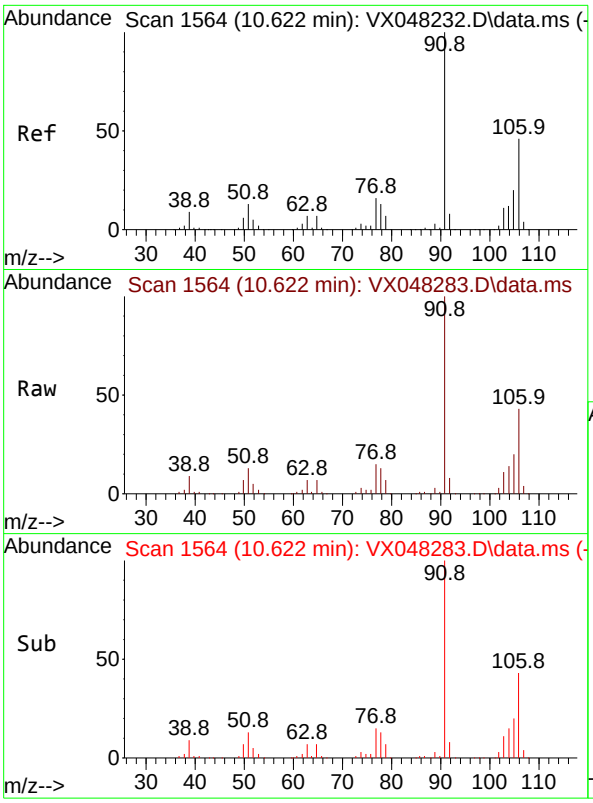



#68
m/p-Xylenes
Concen: 39.196 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:106 Resp: 96187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.8 | 167.9 | 251.9 |

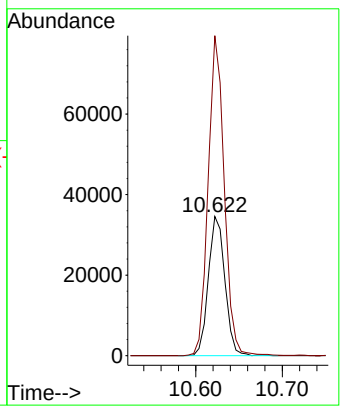





#69
o-Xylene
Concen: 19.380 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:106 Resp: 4591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.3 | 111.3 | 333.9 |

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VX1022WBS01

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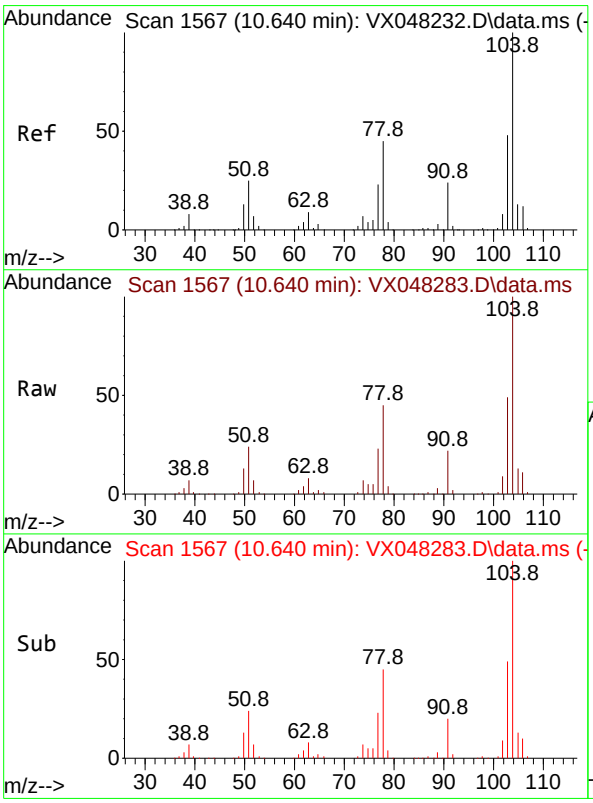
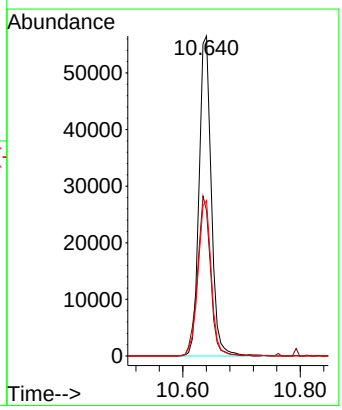
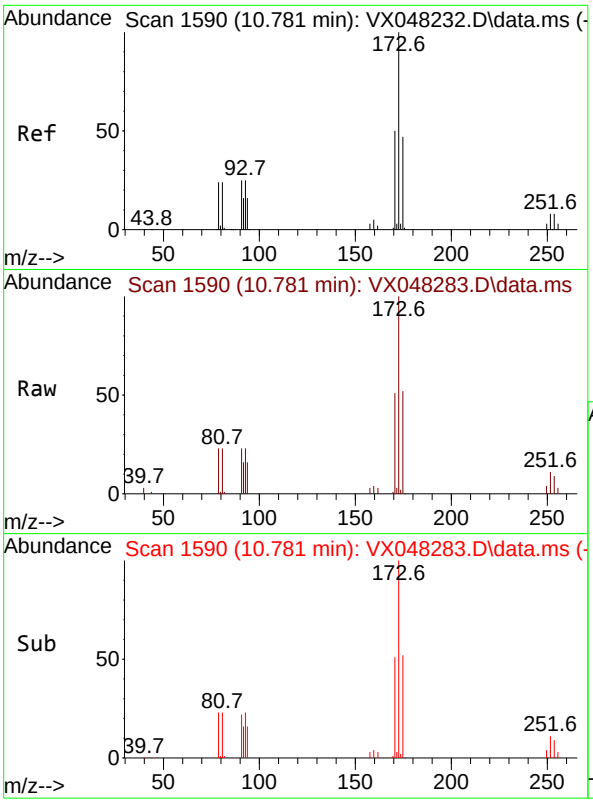



#70
Styrene
Concen: 20.178 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:104 Resp: 81400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.2 | 42.2 | 63.4 |
| 103 | 52.8 | 43.0 | 64.4 |

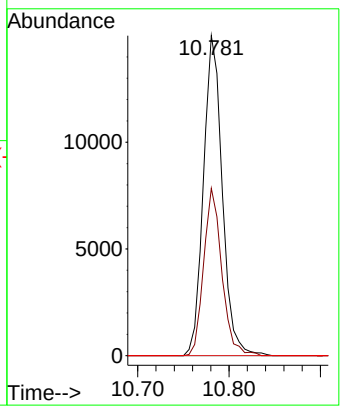





#71
Bromoform
Concen: 18.867 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:173 Resp: 2148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.3 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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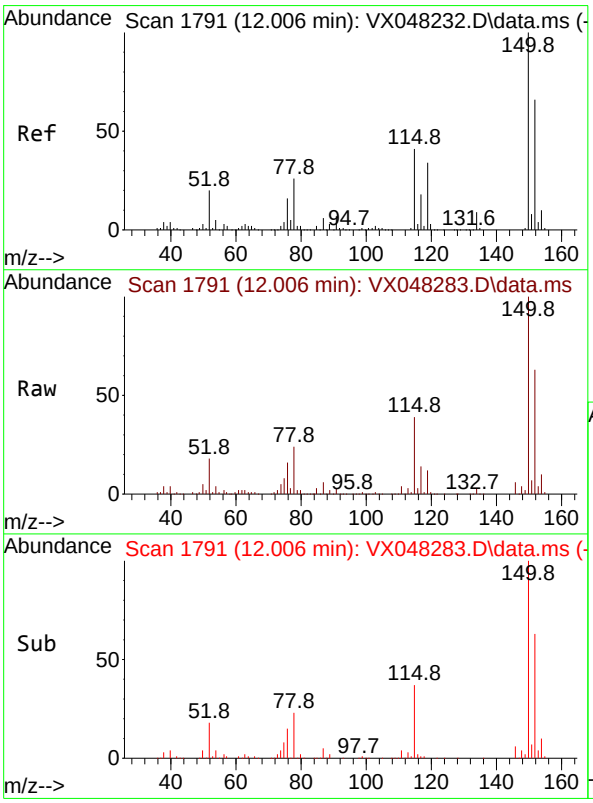
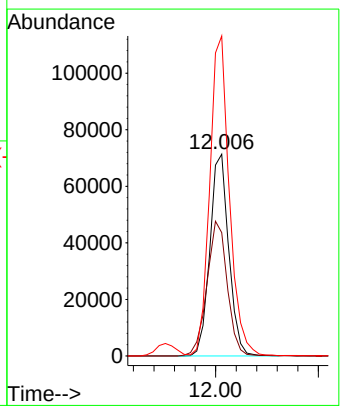
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

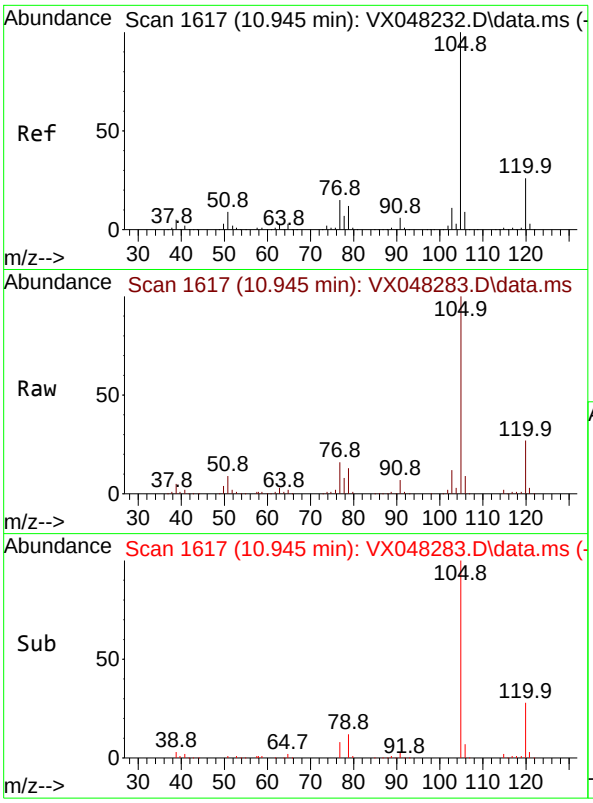



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:152 Resp: 91086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 71.9 | 43.1 | 129.4 |
| 150 | 164.1 | 0.0 | 353.0 |

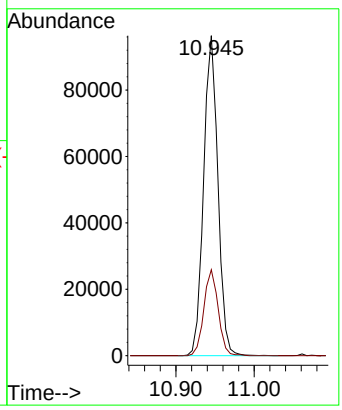





#73
Isopropylbenzene
Concen: 18.261 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:105 Resp: 12149

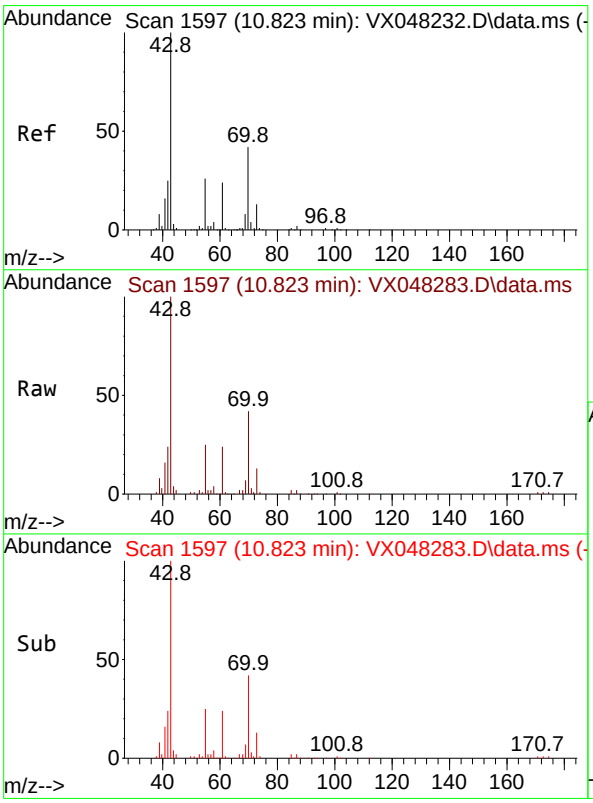
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.0 | 13.0 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

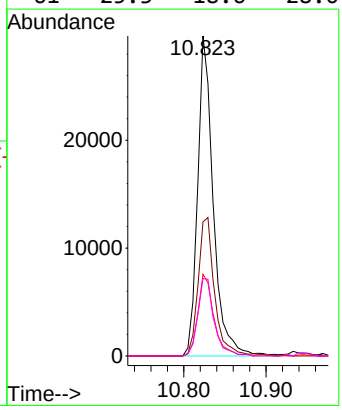
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

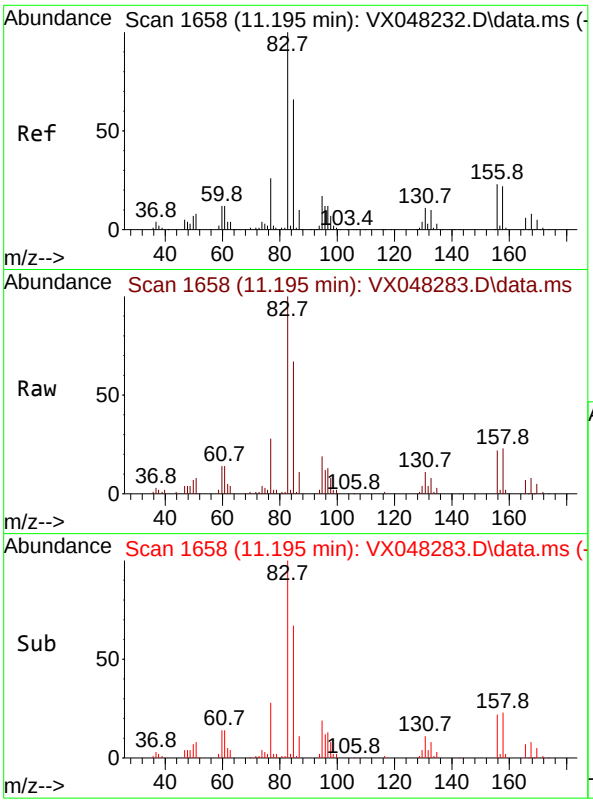



#74
N-amyl acetate
Concen: 16.651 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 39294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 45.7 | 32.2 | 48.2 |
| 55 | 26.0 | 19.1 | 28.7 |
| 61 | 25.3 | 18.6 | 28.0 |

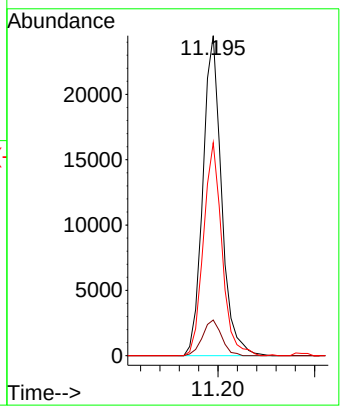





#75
1,1,2,2-Tetrachloroethane
Concen: 18.132 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 83 Resp: 3294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.4 | 4.8 | 14.4 |
| 85 | 65.8 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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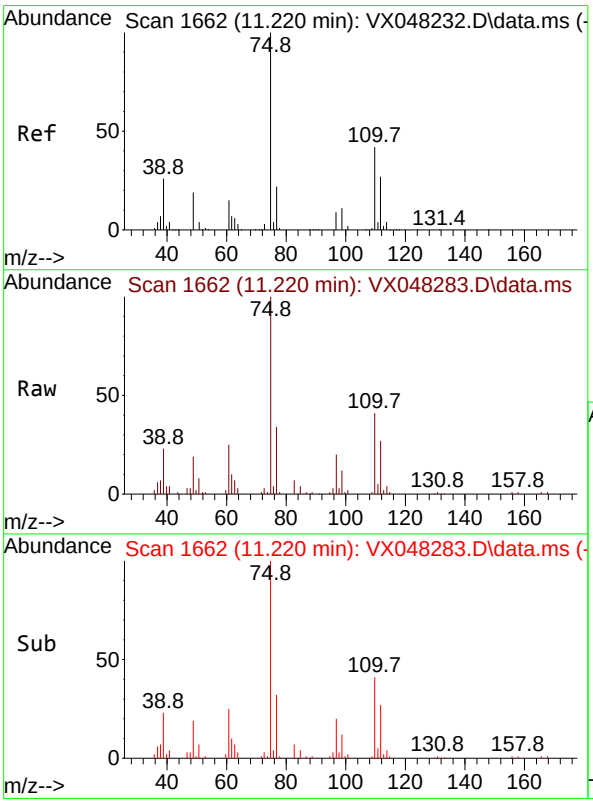
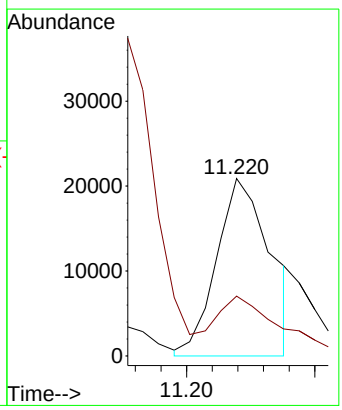
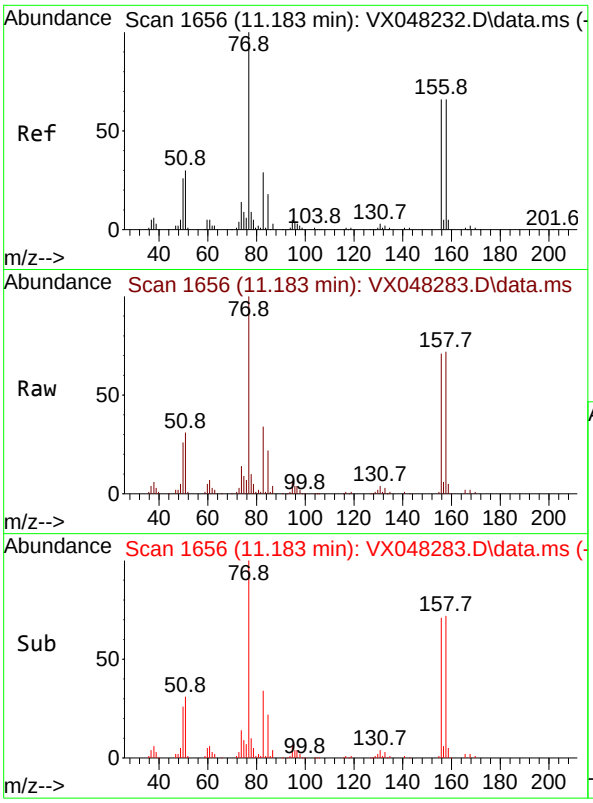



#76
1,2,3-Trichloropropane
Concen: 20.595 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 30421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.3 | 22.4 | 67.2 |

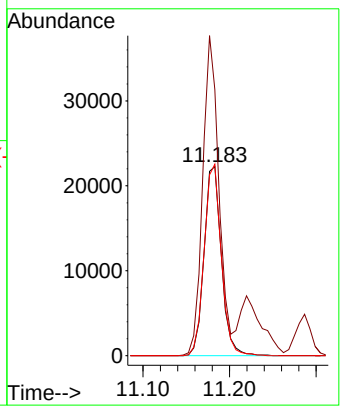





#77
Bromobenzene
Concen: 18.526 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:156 Resp: 3090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 157.4 | 87.0 | 261.0 |
| 158 | 100.1 | 47.8 | 143.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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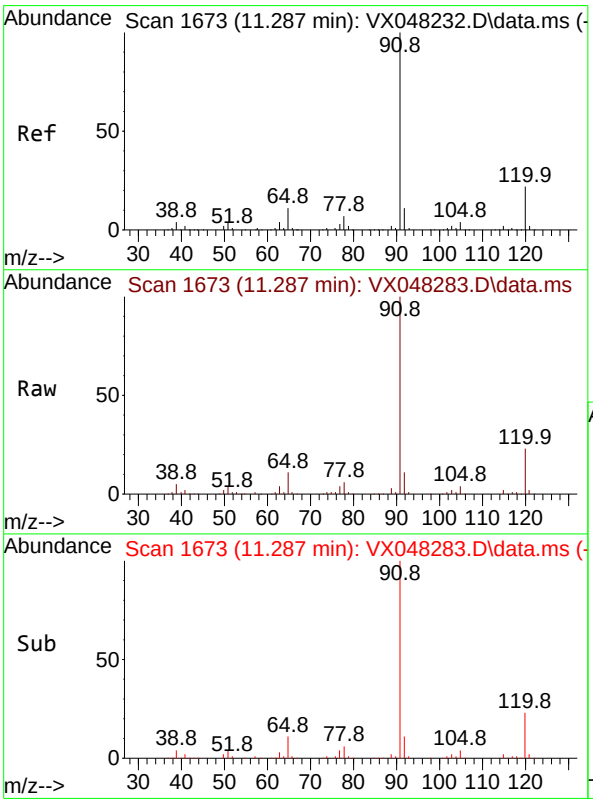
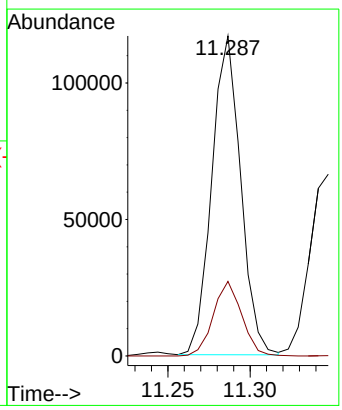
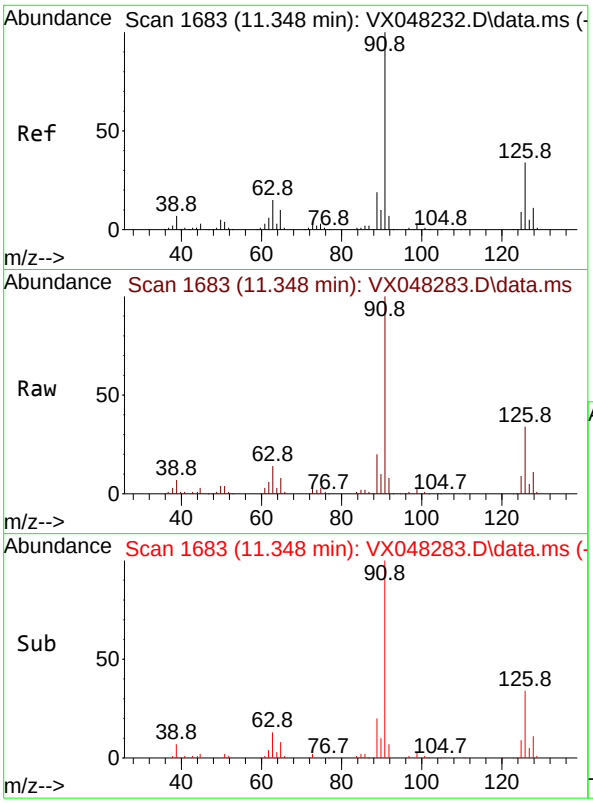



#78
n-propylbenzene
Concen: 18.506 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 91 Resp: 142548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.0 | 11.1 | 33.1 |






#79
2-Chlorotoluene
Concen: 18.783 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 91 Resp: 8772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.2 | 16.4 | 49.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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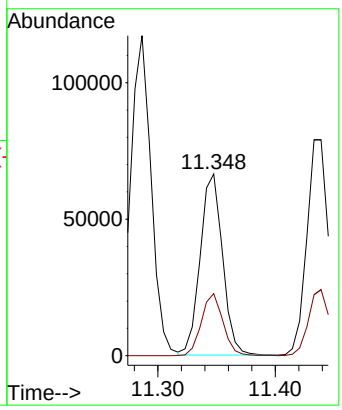
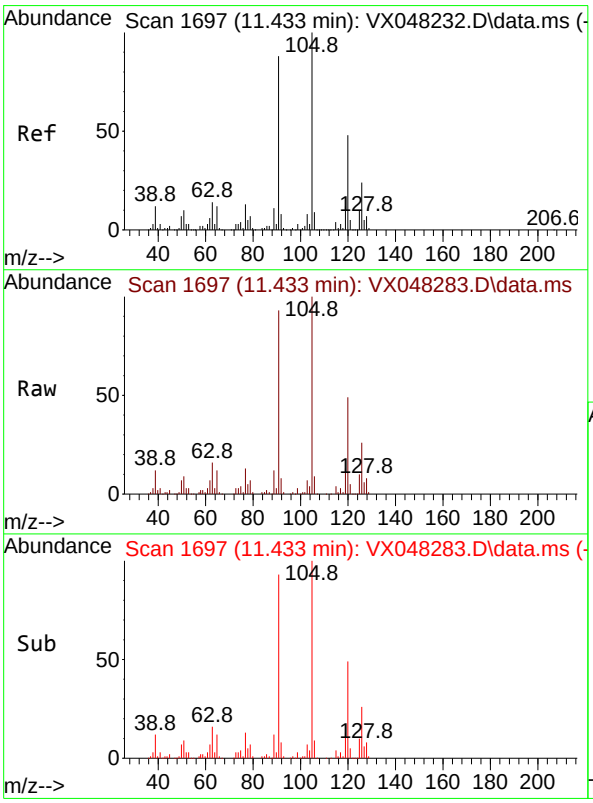
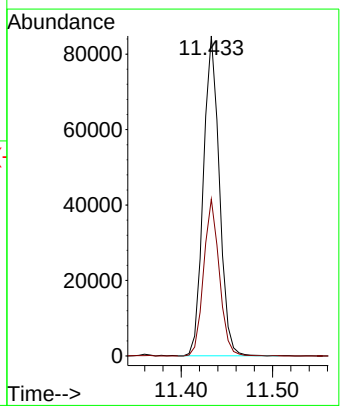


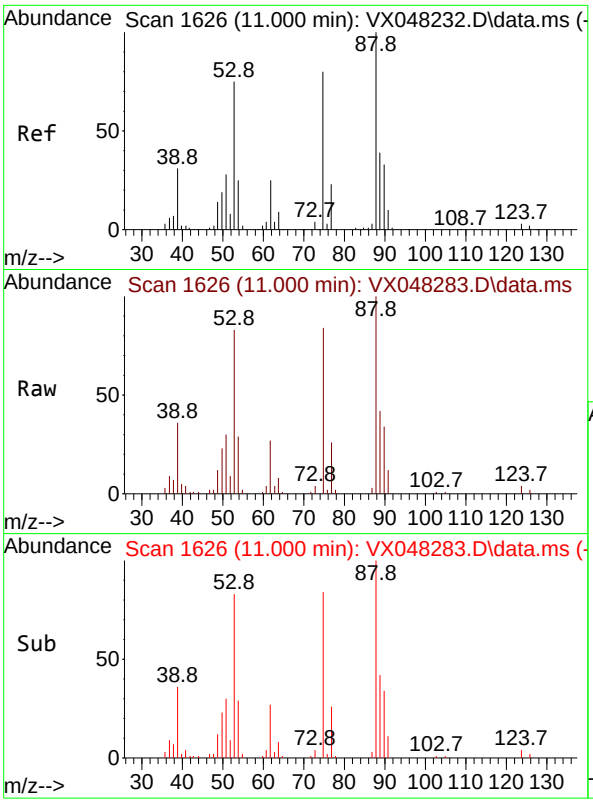




#80
1,3,5-Trimethylbenzene
Concen: 18.620 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:105 Resp: 102516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.0 | 24.0 | 72.0 |






#81
trans-1,4-Dichloro-2-butene
Concen: 16.545 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 1004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 106.6 | 79.5 | 119.3 |
| 89 | 51.7 | 36.8 | 55.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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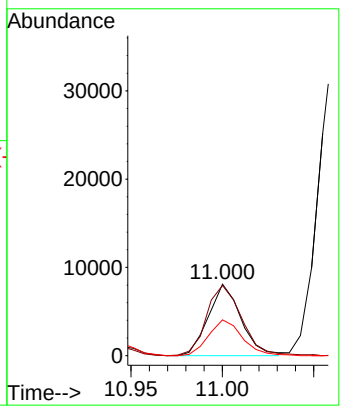
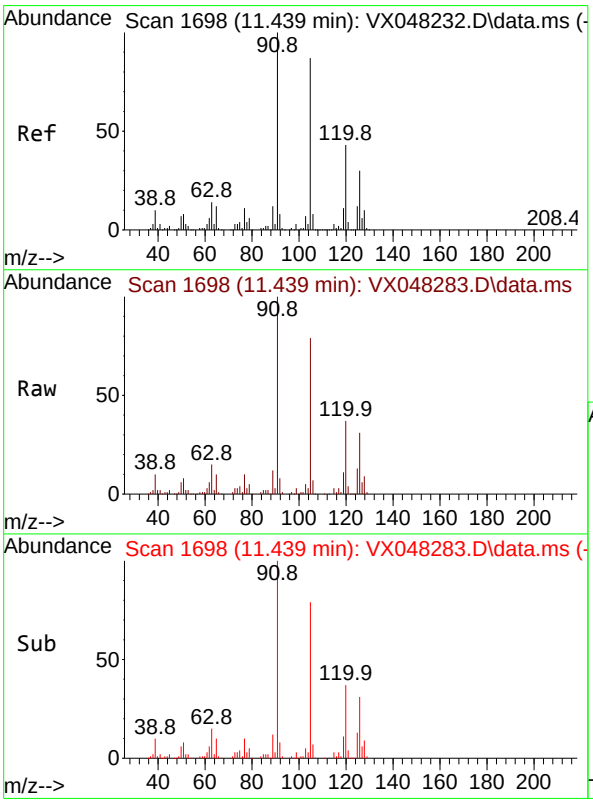
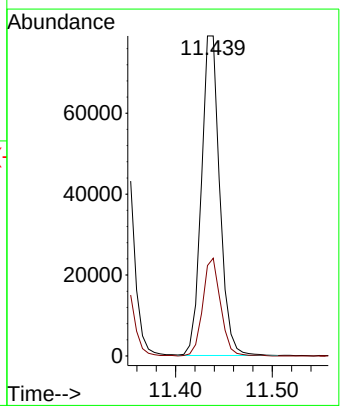


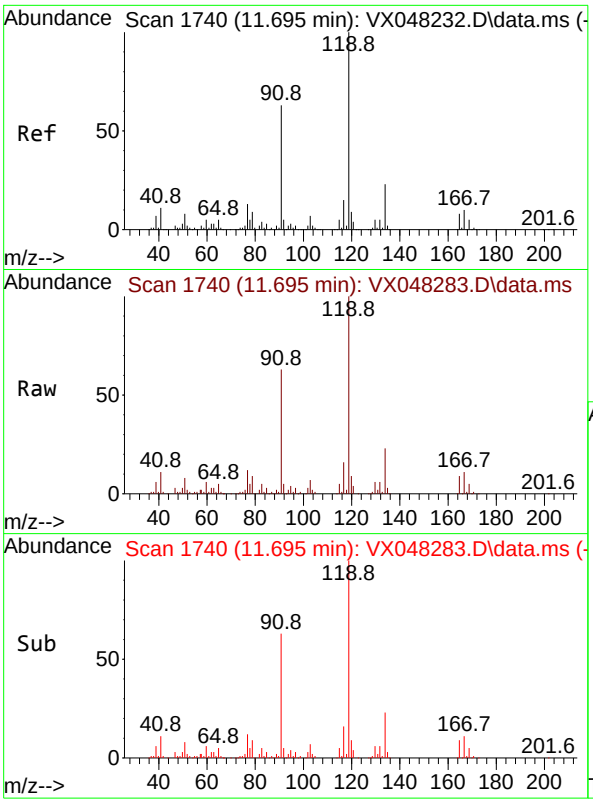




#82
4-Chlorotoluene
Concen: 18.810 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 91 Resp: 104284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.9 | 14.1 | 42.4 |

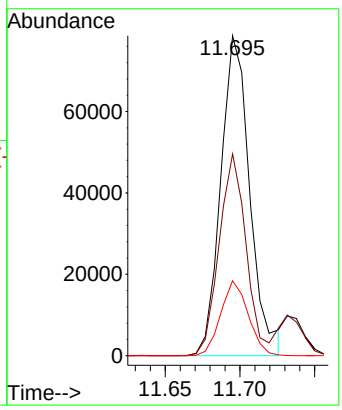





#83
tert-Butylbenzene
Concen: 18.713 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:119 Resp: 10585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 58.7 | 30.3 | 91.0 |
| 134 | 22.3 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

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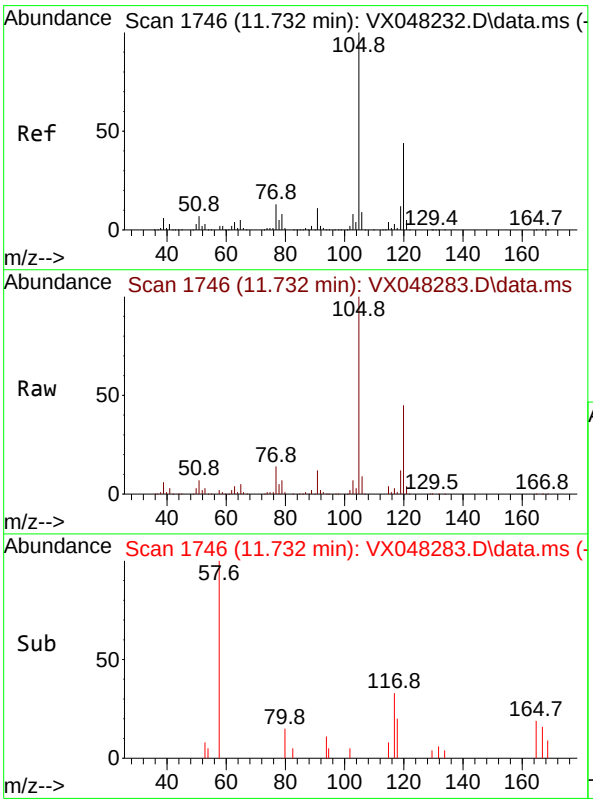
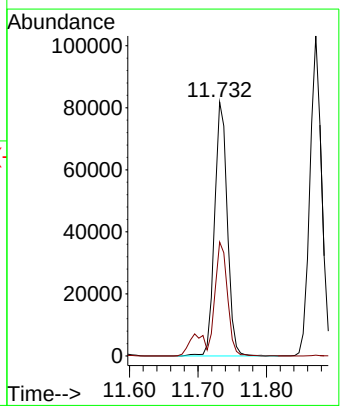
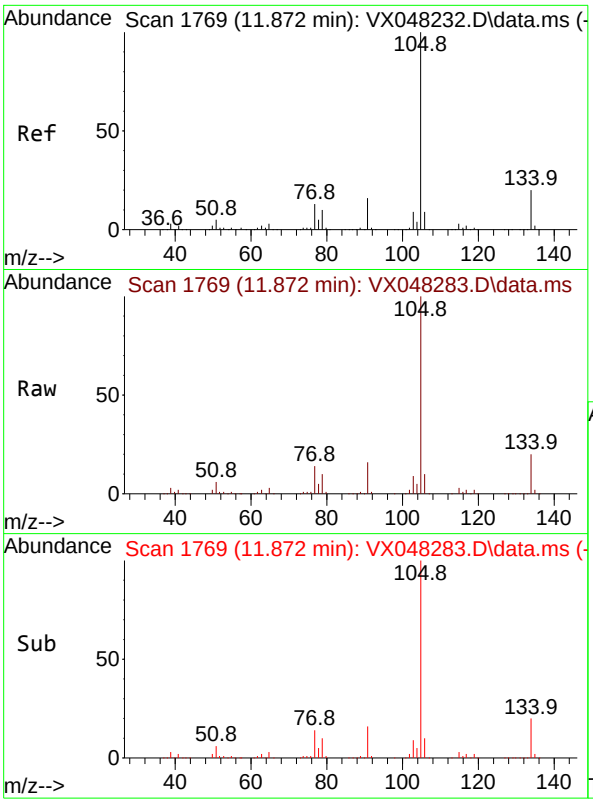



#84
1,2,4-Trimethylbenzene
Concen: 19.137 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:105 Resp: 105149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.6 | 22.1 | 66.5 |

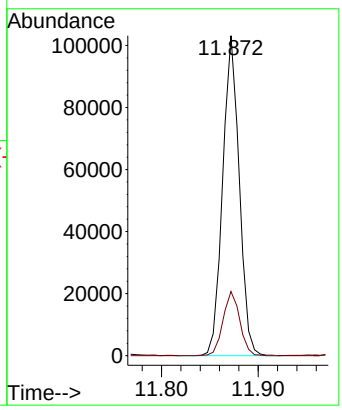





#85
sec-Butylbenzene
Concen: 18.025 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:105 Resp: 12267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

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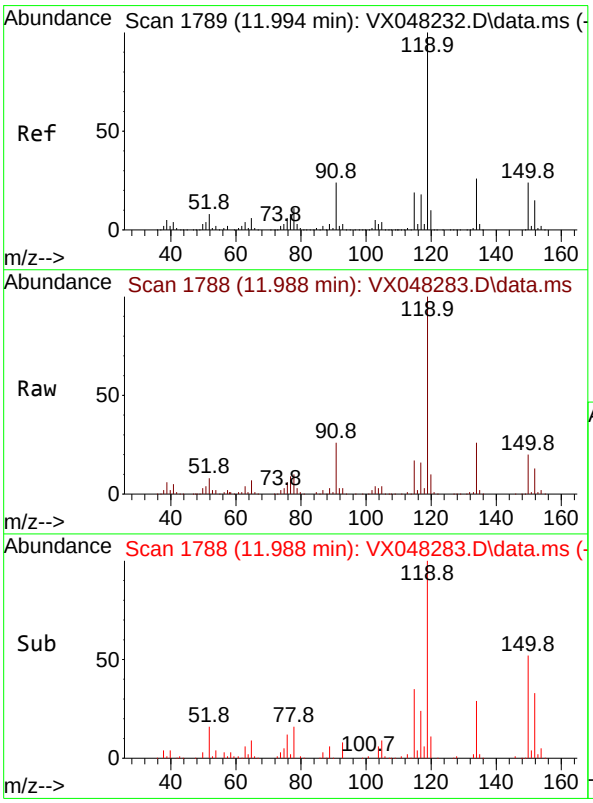
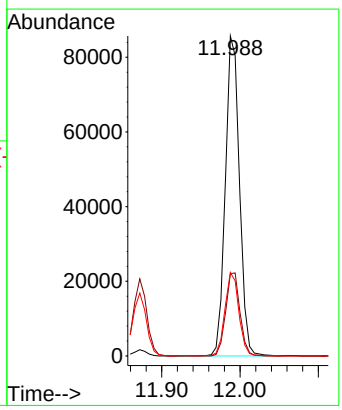
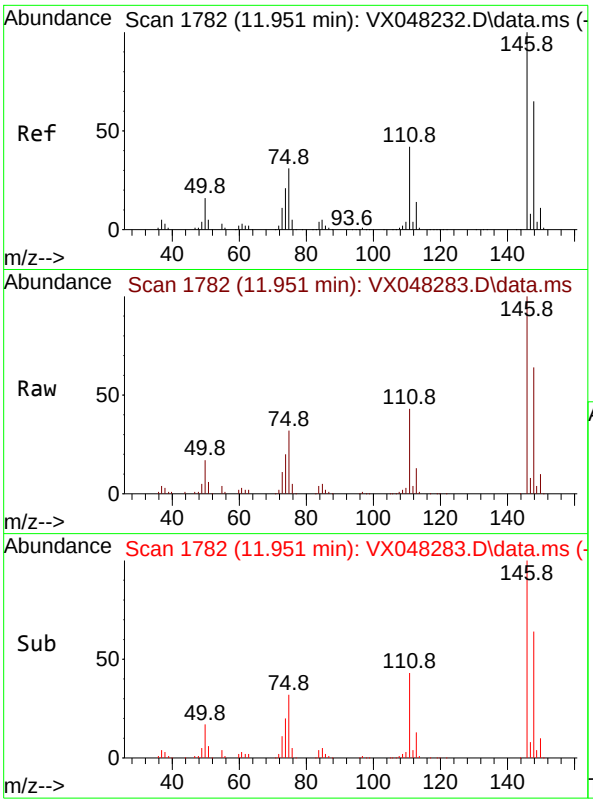



#86
p-Isopropyltoluene
Concen: 18.286 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:119 Resp: 107570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.2 | 13.0 | 39.0 |
| 91 | 25.7 | 12.1 | 36.3 |

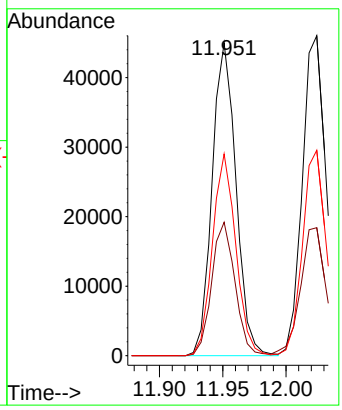





#87
1,3-Dichlorobenzene
Concen: 18.708 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:146 Resp: 5883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 20.4 | 61.2 |
| 148 | 63.2 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

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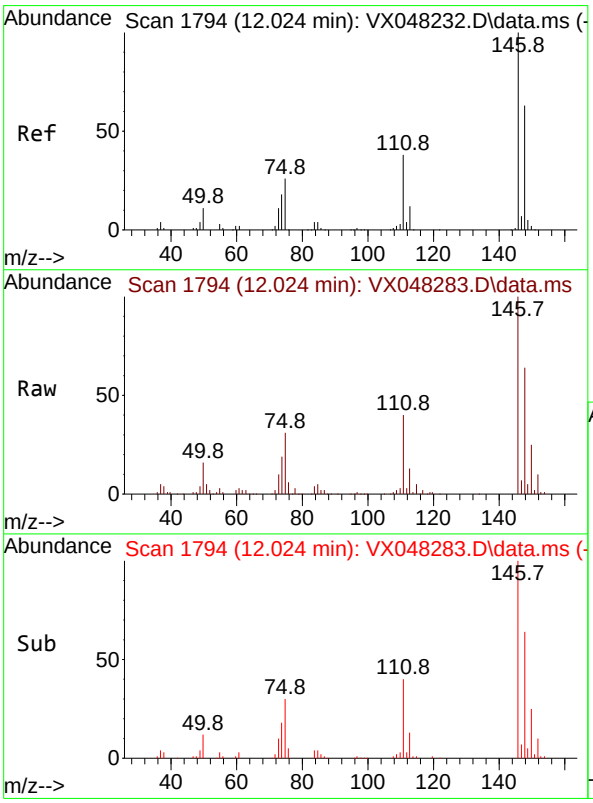
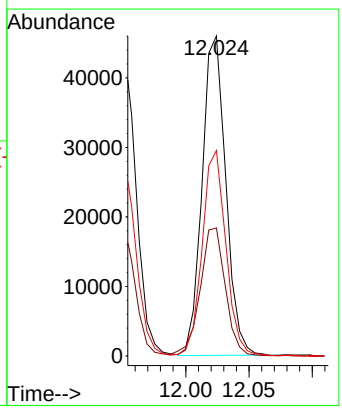
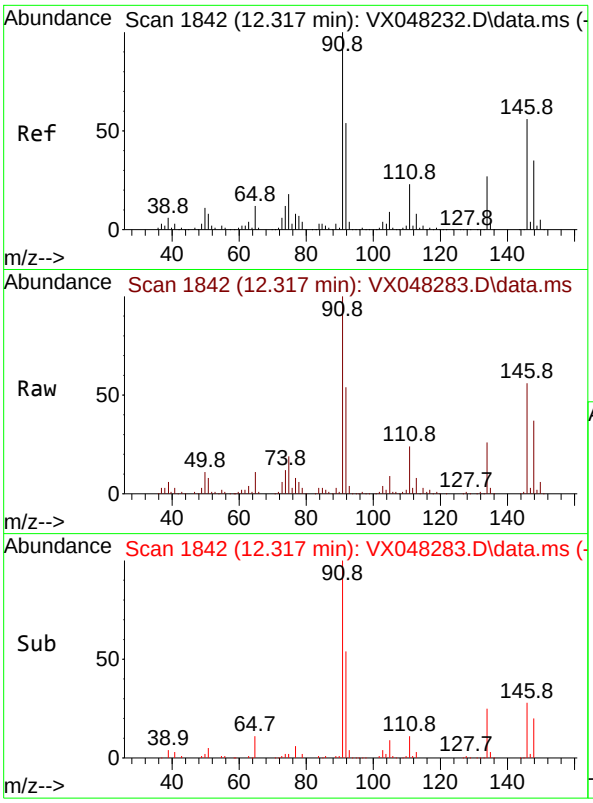



#88
1,4-Dichlorobenzene
Concen: 18.420 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:146 Resp: 60010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.4 | 20.1 | 60.2 |
| 148 | 64.4 | 31.8 | 95.3 |

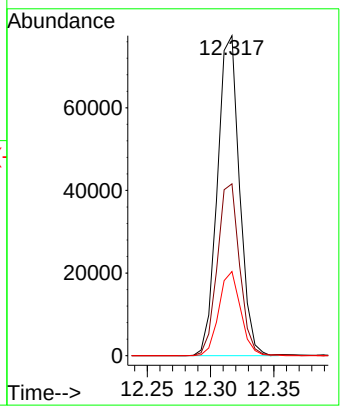





#89
n-Butylbenzene
Concen: 17.540 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 91 Resp: 9391

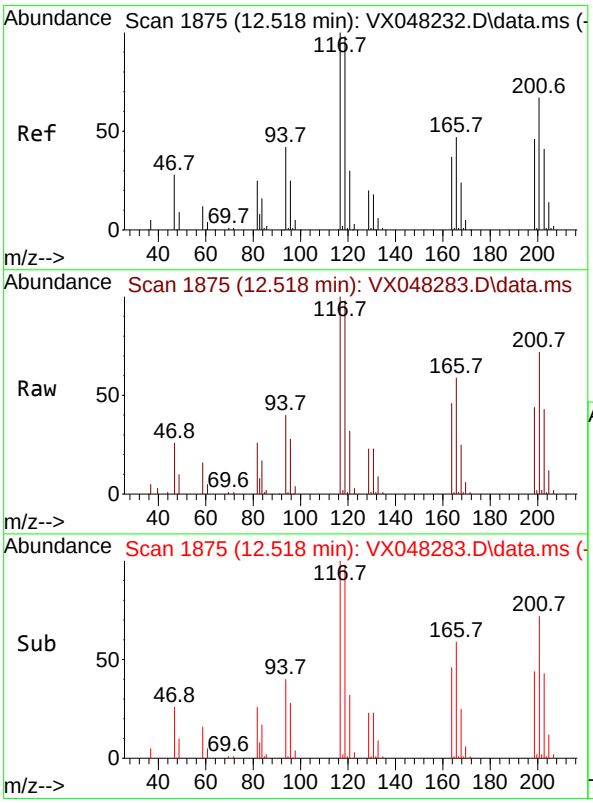
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.4 | 26.9 | 80.6 |
| 134 | 26.0 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

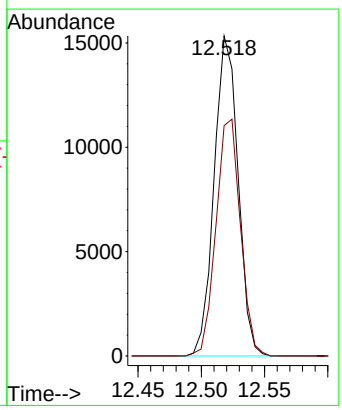
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

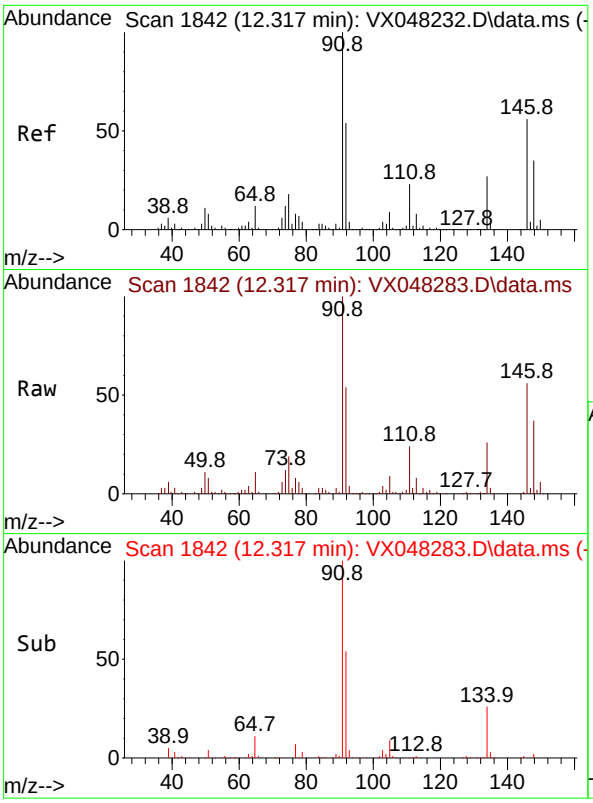



#90
Hexachloroethane
Concen: 17.328 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:117 Resp: 20129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 75.6 | 34.1 | 102.2 |

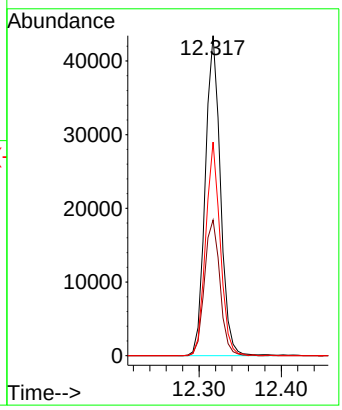





#91
1,2-Dichlorobenzene
Concen: 18.823 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:146 Resp: 5557

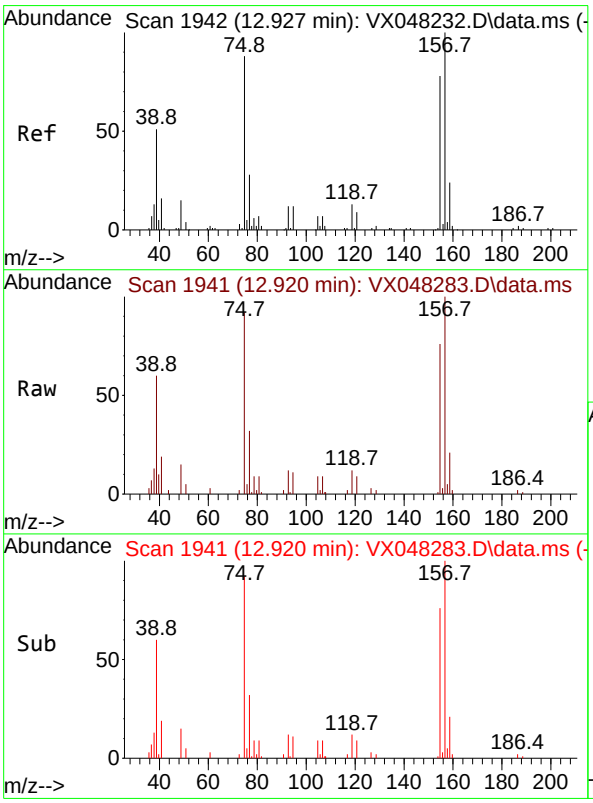
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.3 | 21.9 | 65.5 |
| 148 | 64.0 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

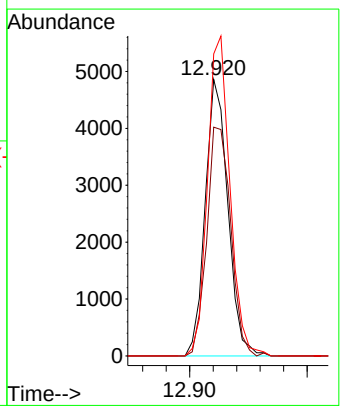
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

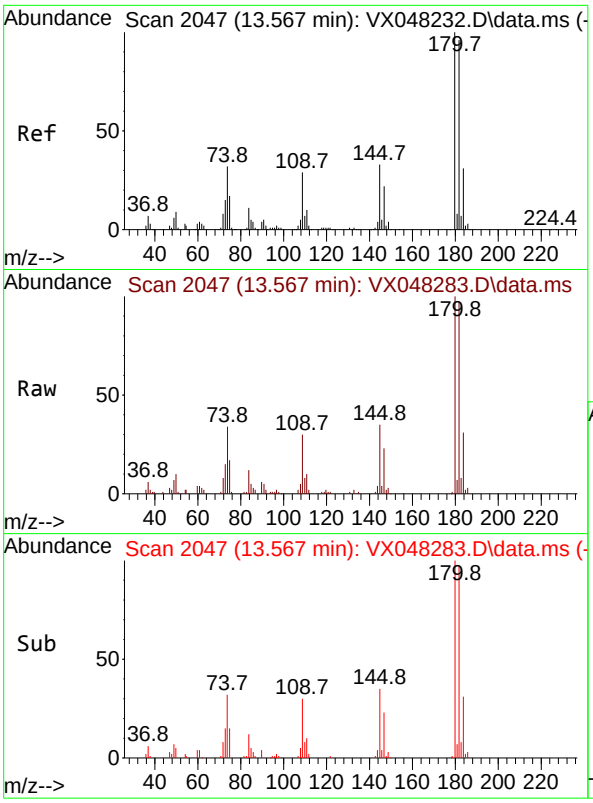



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.598 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 6490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 87.8 | 42.8 | 128.4 |
| 157 | 114.9 | 54.2 | 162.6 |

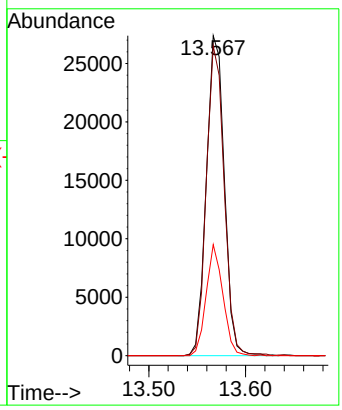





#93
1,2,4-Trichlorobenzene
Concen: 17.699 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:180 Resp: 3533

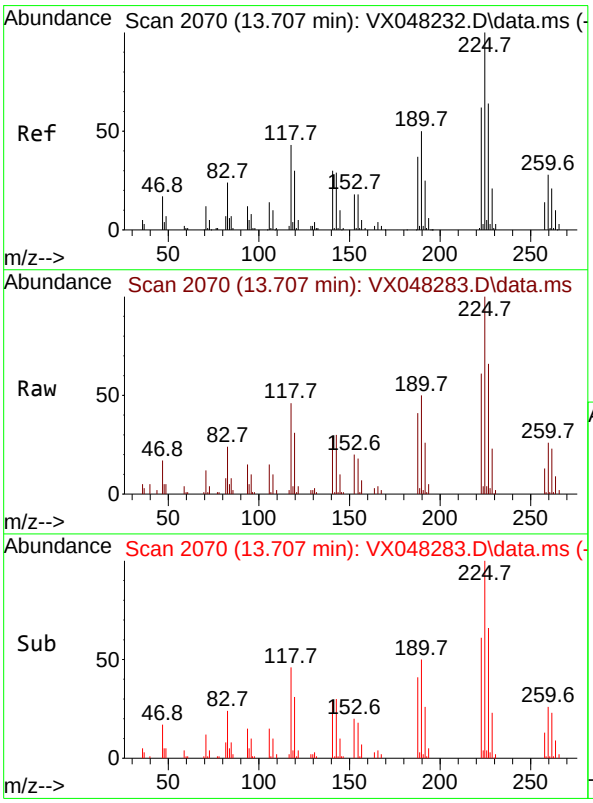
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 47.3 | 142.0 |
| 145 | 32.5 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

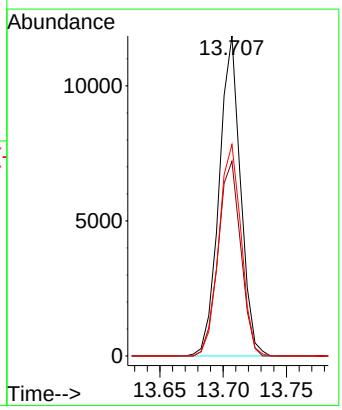
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

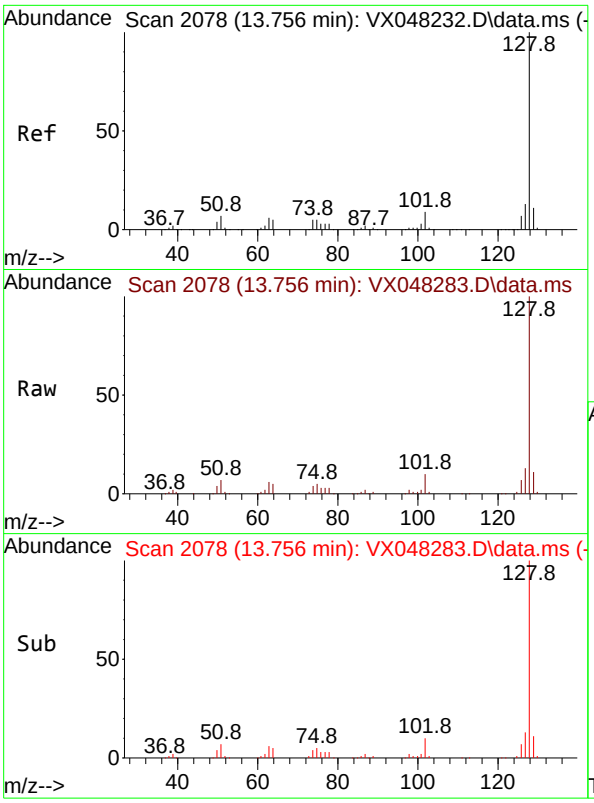



#94
Hexachlorobutadiene
Concen: 18.594 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:225 Resp: 13881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.3 | 32.6 | 97.7 |
| 227 | 68.8 | 32.5 | 97.4 |

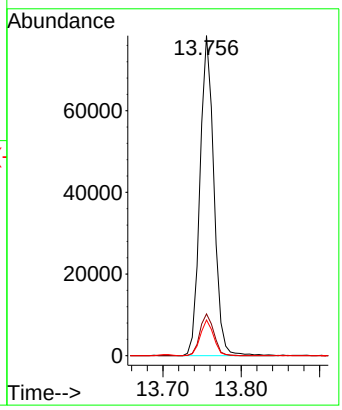





#95
Naphthalene
Concen: 18.305 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:128 Resp: 9683

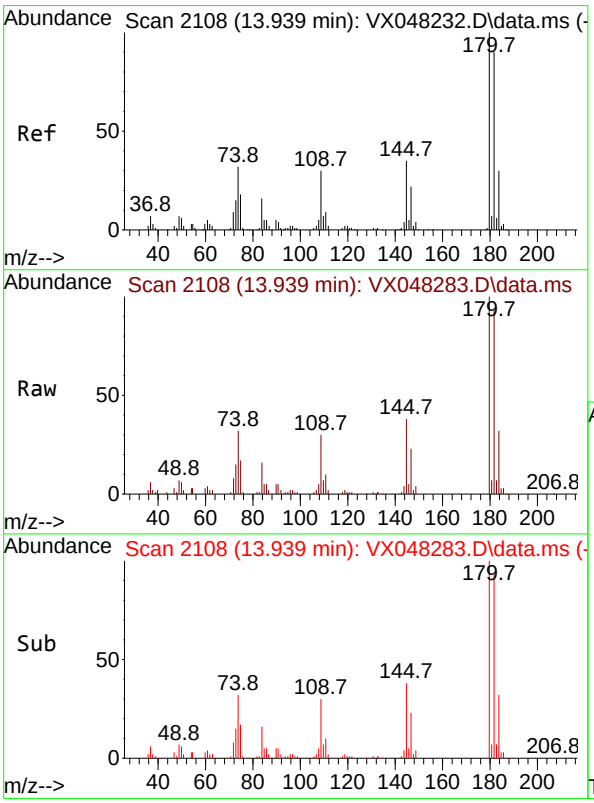
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.2 | 15.4 |
| 129 | 10.7 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

**Manual Integrations APPROVED**

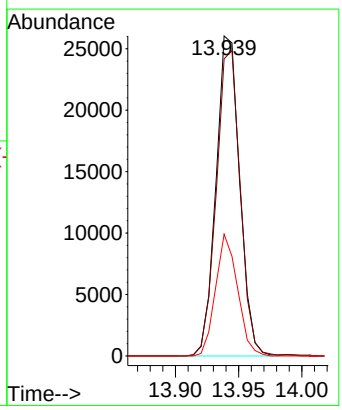
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025




#96
1,2,3-Trichlorobenzene
Concen: 18.518 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:180 Resp: 33930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 46.6 | 139.7 |
| 145 | 35.2 | 16.9 | 50.7 |



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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | ICE Service Group, Inc. | | | Date Collected: | |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | | | Date Received: | |
| Client Sample ID: | VX1024WBS01 | | | SDG No.: | Q3399 |
| Lab Sample ID: | VX1024WBS01 | | | Matrix: | TCLP |
| Analytical Method: | 8260D | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: | 5000 uL | Test: | TCLP VOA |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 75-01-4 | Vinyl Chloride | 27.8 | | 1 | 0.26 | 0.75 | 1.00 | ug/L | 10/24/25 10:15 | VX102425 |
| 75-35-4 | 1,1-Dichloroethene | 20.7 | | 1 | 0.23 | 0.75 | 1.00 | ug/L | 10/24/25 10:15 | VX102425 |
| 78-93-3 | 2-Butanone | 84.6 | | 1 | 0.98 | 2.50 | 5.00 | ug/L | 10/24/25 10:15 | VX102425 |
| 56-23-5 | Carbon Tetrachloride | 18.5 | | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/24/25 10:15 | VX102425 |
| 67-66-3 | Chloroform | 20.8 | | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/24/25 10:15 | VX102425 |
| 71-43-2 | Benzene | 20.2 | | 1 | 0.15 | 0.50 | 1.00 | ug/L | 10/24/25 10:15 | VX102425 |
| 107-06-2 | 1,2-Dichloroethane | 21.0 | | 1 | 0.22 | 0.50 | 1.00 | ug/L | 10/24/25 10:15 | VX102425 |
| 79-01-6 | Trichloroethene | 19.2 | | 1 | 0.090 | 0.75 | 1.00 | ug/L | 10/24/25 10:15 | VX102425 |
| 127-18-4 | Tetrachloroethene | 20.9 | | 1 | 0.23 | 0.50 | 1.00 | ug/L | 10/24/25 10:15 | VX102425 |
| 108-90-7 | Chlorobenzene | 19.8 | | 1 | 0.12 | 0.50 | 1.00 | ug/L | 10/24/25 10:15 | VX102425 |
| **SURROGATES** | | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 51.3 | | | 81 - 118 | | 103% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 41.6 | | | 80 - 119 | | 83% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 49.6 | | | 89 - 112 | | 99% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 48.3 | | | 85 - 114 | | 97% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 146000 | | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 239000 | | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 209000 | | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 104000 | | | | | | | | |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 145979 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.744 | 114 | 238661 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.036 | 117 | 208902 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 103563 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.933 | 65 | 104947 | 51.275 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 102.560% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 67722 | 41.564 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 83.120% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 283427 | 49.629 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.260% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 105010 | 48.334 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 96.660% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 27195 | 18.122 | ug/l | 94 |
| 3) Chloromethane | 1.300 | 50 | 14115 | 10.077 | ug/l | 93 |
| 4) Vinyl Chloride | 1.379 | 62 | 36112 | 27.840 | ug/l | 98 |
| 5) Bromomethane | 1.617 | 94 | 12608 | 14.323 | ug/l | 92 |
| 6) Chloroethane | 1.696 | 64 | 21902 | 28.735 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 61799 | 24.842 | ug/l | 98 |
| 8) Diethyl Ether | 2.129 | 74 | 20019 | 28.600 | ug/l | 94 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 33915 | 21.529 | ug/l | 99 |
| 10) Methyl Iodide | 2.458 | 142 | 121848 | 61.528 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.934 | 59 | 16210 | 79.768 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.324 | 96 | 31747 | 20.715 | ug/l | 98 |
| 13) Acrolein | 2.233 | 56 | 25338 | 122.255 | ug/l | 100 |
| 14) Allyl chloride | 2.666 | 41 | 54311 | 21.344 | ug/l | 95 |
| 15) Acrylonitrile | 3.056 | 53 | 70500 | 96.210 | ug/l | 99 |
| 16) Acetone | 2.367 | 43 | 48526 | 69.111 | ug/l | 98 |
| 17) Carbon Disulfide | 2.513 | 76 | 88439 | 18.310 | ug/l | 98 |
| 18) Methyl Acetate | 2.696 | 43 | 29292 | 19.976 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 105877 | 20.250 | ug/l | 100 |
| 20) Methylene Chloride | 2.788 | 84 | 34512 | 20.172 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 3.086 | 96 | 34044 | 20.223 | ug/l | 98 |
| 22) Diisopropyl ether | 3.745 | 45 | 118430 | 23.336 | ug/l | 99 |
| 23) Vinyl Acetate | 3.708 | 43 | 423009 | 104.344 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.599 | 63 | 65078 | 21.207 | ug/l | 98 |
| 25) 2-Butanone | 4.531 | 43 | 75222 | 84.639 | ug/l | 95 |
| 26) 2,2-Dichloropropane | 4.464 | 77 | 56864 | 20.530 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.476 | 96 | 39206 | 19.955 | ug/l | 96 |
| 28) Bromochloromethane | 4.879 | 49 | 27053 | 21.261 | ug/l | 97 |
| 29) Tetrahydrofuran | 4.982 | 42 | 51748 | 97.222 | ug/l | 99 |
| 30) Chloroform | 5.074 | 83 | 68186 | 20.797 | ug/l | 99 |
| 31) Cyclohexane | 5.452 | 56 | 57458 | 22.616 | ug/l | 89 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 62899 | 20.816 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.677 | 75 | 46219 | 19.958 | ug/l | 96 |
| 37) Ethyl Acetate | 4.690 | 43 | 41061 | 21.391 | ug/l # | 95 |
| 38) Carbon Tetrachloride | 5.659 | 117 | 52919 | 18.522 | ug/l | 95 |
| 39) Methylcyclohexane | 7.366 | 83 | 56949 | 20.823 | ug/l | 98 |
| 40) Benzene | 6.019 | 78 | 135581 | 20.165 | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.891 | 41 | 20984 | 20.817 ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 52014 | 20.965 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.318 | 43 | 68756 | 21.807 ug/l | | 99 |
| 44) Trichloroethene | 7.104 | 130 | 34170 | 19.247 ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.409 | 63 | 33220 | 20.781 ug/l | | 99 |
| 46) Dibromomethane | 7.561 | 93 | 24750 | 19.873 ug/l | | 98 |
| 47) Bromodichloromethane | 7.805 | 83 | 52628 | 19.571 ug/l | | 99 |
| 48) Methyl methacrylate | 7.677 | 41 | 33315 | 20.939 ug/l | | 96 |
| 49) 1,4-Dioxane | 7.641 | 88 | 7180 | 341.585 ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 189499 | 104.240 ug/l | | 99 |
| 52) Toluene | 8.701 | 92 | 84824 | 19.859 ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.963 | 75 | 49569 | 19.129 ug/l | | 96 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 52191 | 18.668 ug/l | | 95 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 31755 | 19.991 ug/l | | 95 |
| 56) Ethyl methacrylate | 9.098 | 69 | 45976 | 19.789 ug/l | | 97 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 53530 | 19.729 ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 118629 | 96.012 ug/l | | 99 |
| 59) 2-Hexanone | 9.415 | 43 | 125025 | 98.630 ug/l | | 98 |
| 60) Dibromochloromethane | 9.506 | 129 | 38132 | 17.861 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.591 | 107 | 32346 | 19.101 ug/l | | 98 |
| 64) Tetrachloroethene | 9.256 | 164 | 32600 | 20.904 ug/l | | 97 |
| 65) Chlorobenzene | 10.061 | 112 | 93252 | 19.844 ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 32783 | 18.993 ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 163786 | 20.471 ug/l | | 99 |
| 68) m/p-Xylenes | 10.286 | 106 | 122538 | 41.221 ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 57644 | 20.085 ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 98123 | 20.079 ug/l | | 98 |
| 71) Bromoform | 10.780 | 173 | 23162 | 16.790 ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 156349 | 20.669 ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 58990 | 21.985 ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 39902 | 19.317 ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 35869m | 21.358 ug/l | | |
| 77) Bromobenzene | 11.176 | 156 | 36110 | 19.039 ug/l | | 98 |
| 78) n-propylbenzene | 11.286 | 91 | 186273 | 21.269 ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 111240 | 20.949 ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.432 | 105 | 129782 | 20.733 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 8393 | 12.159 ug/l | # | 53 |
| 82) 4-Chlorotoluene | 11.432 | 91 | 129943 | 20.615 ug/l | | 100 |
| 83) tert-Butylbenzene | 11.695 | 119 | 128952 | 20.049 ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.731 | 105 | 129443 | 20.720 ug/l | | 99 |
| 85) sec-Butylbenzene | 11.871 | 105 | 165405 | 21.376 ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.987 | 119 | 137775 | 20.599 ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 68516 | 19.162 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 69433 | 18.745 ug/l | | 99 |
| 89) n-Butylbenzene | 12.316 | 91 | 127603 | 20.961 ug/l | | 100 |
| 90) Hexachloroethane | 12.518 | 117 | 22551 | 17.074 ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.316 | 146 | 64650 | 19.258 ug/l | | 97 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 7646 | 18.235 ug/l | | 92 |
| 93) 1,2,4-Trichlorobenzene | 13.566 | 180 | 42595 | 18.762 ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.706 | 225 | 18776 | 22.108 ug/l | | 95 |
| 95) Naphthalene | 13.755 | 128 | 112756 | 18.747 ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.944 | 180 | 39822 | 19.115 ug/l | | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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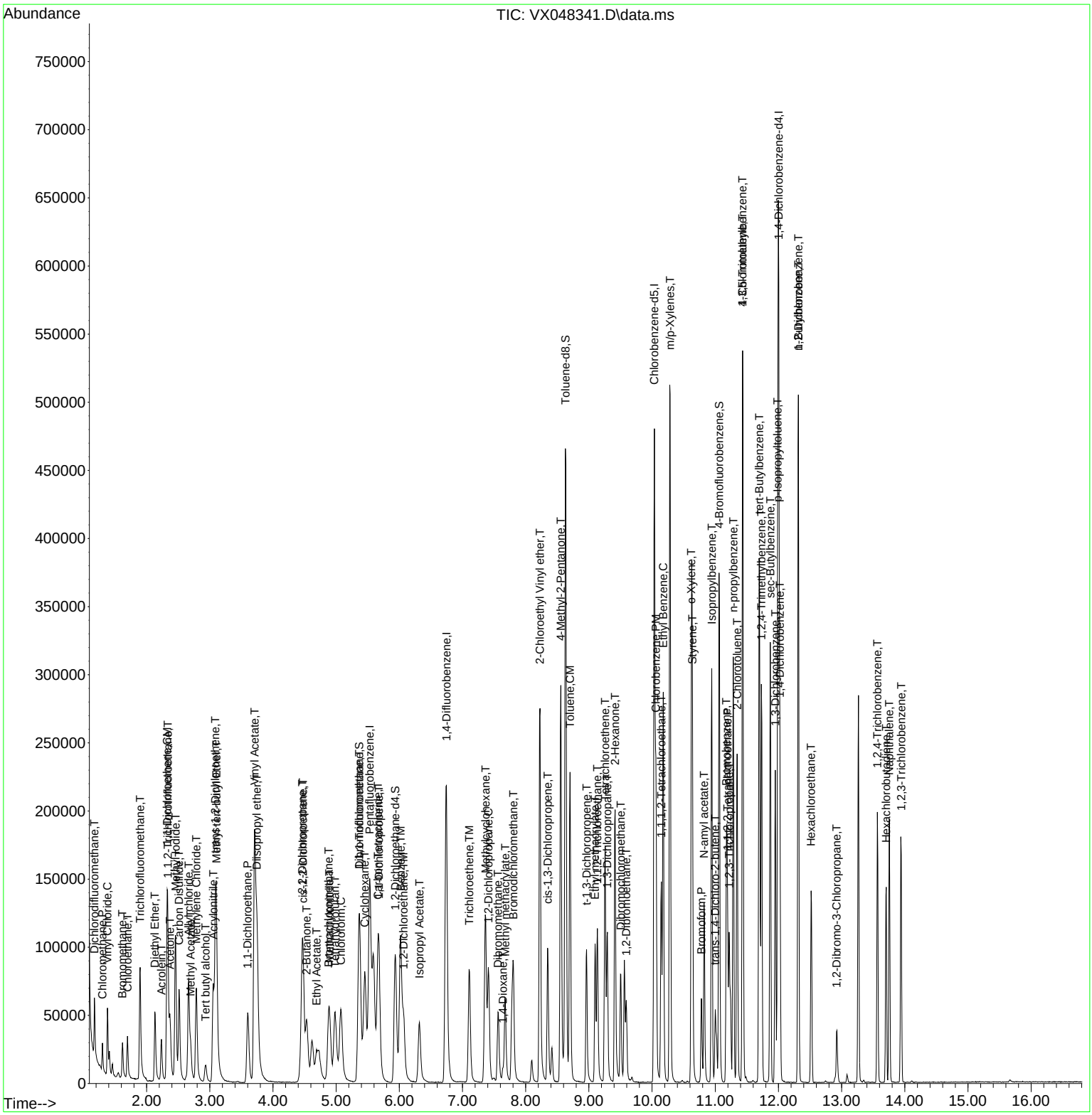
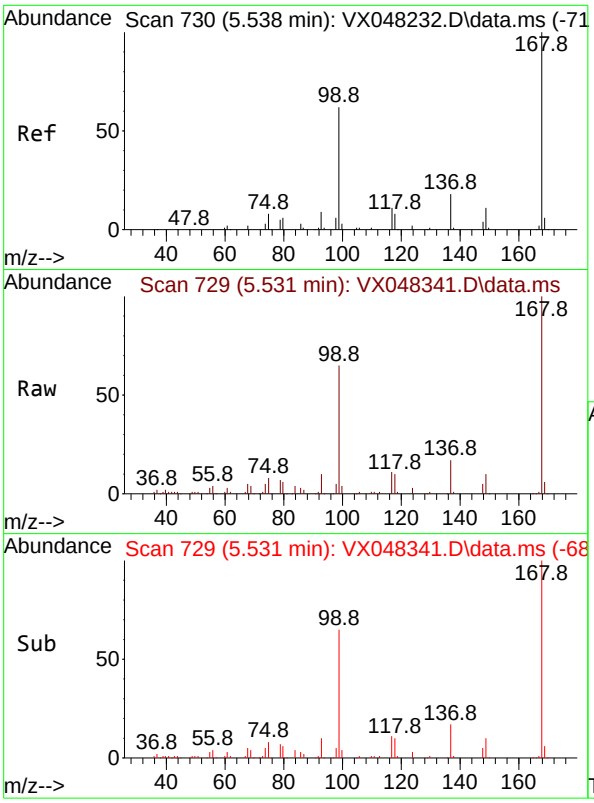
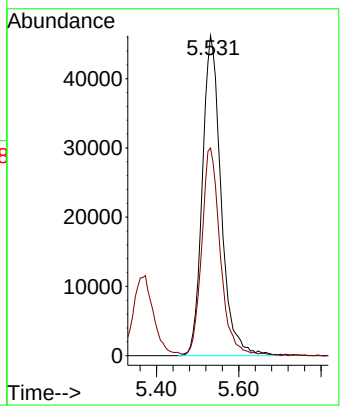





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:168 Resp: 14597

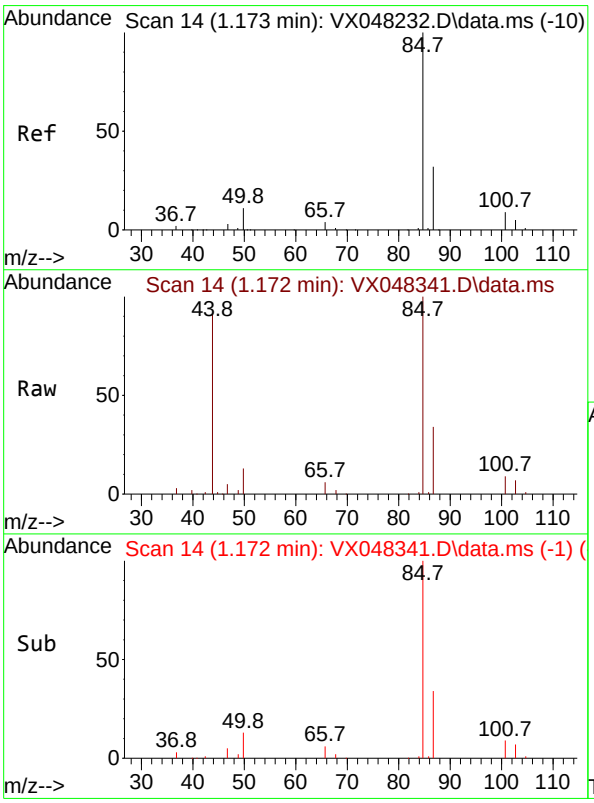
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 64.6 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

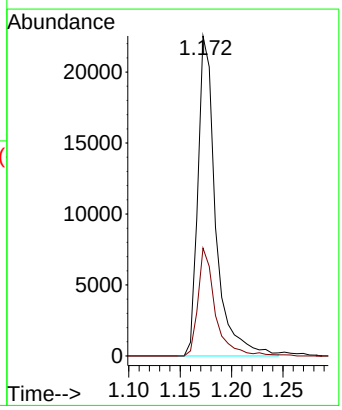
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

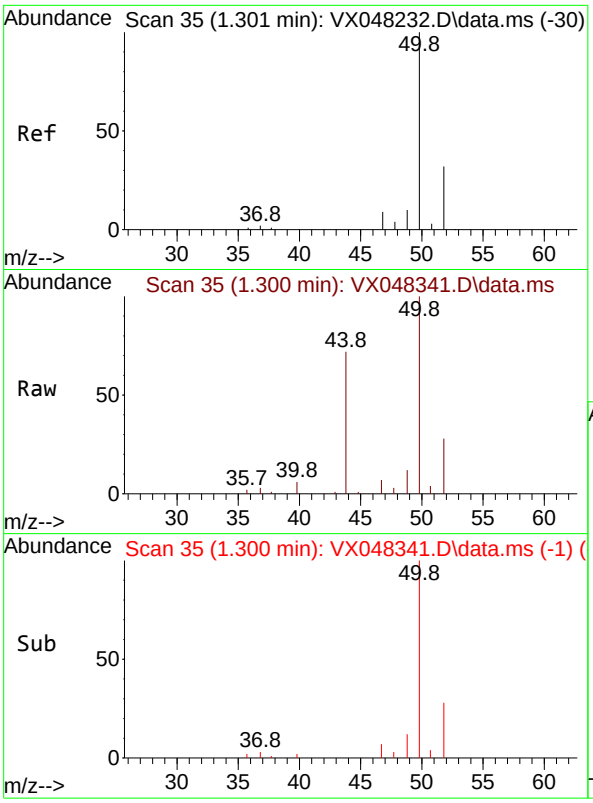



#2
Dichlorodifluoromethane
Concen: 18.122 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 85 Resp: 27195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.7 | 15.3 | 45.9 |

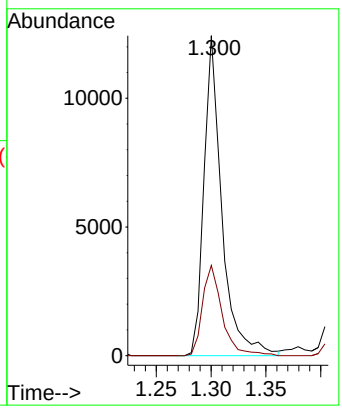





#3
Chloromethane
Concen: 10.077 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 50 Resp: 1411

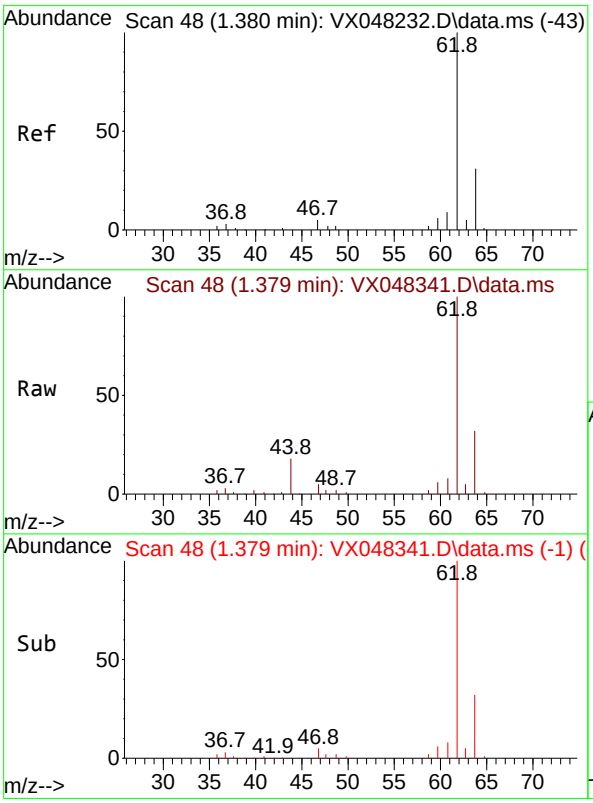
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.2 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

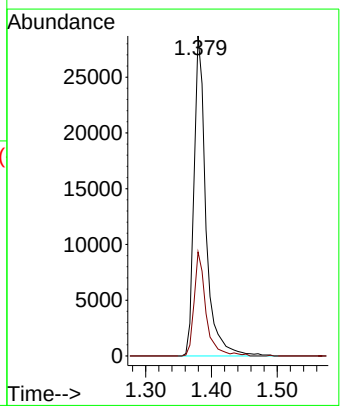
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

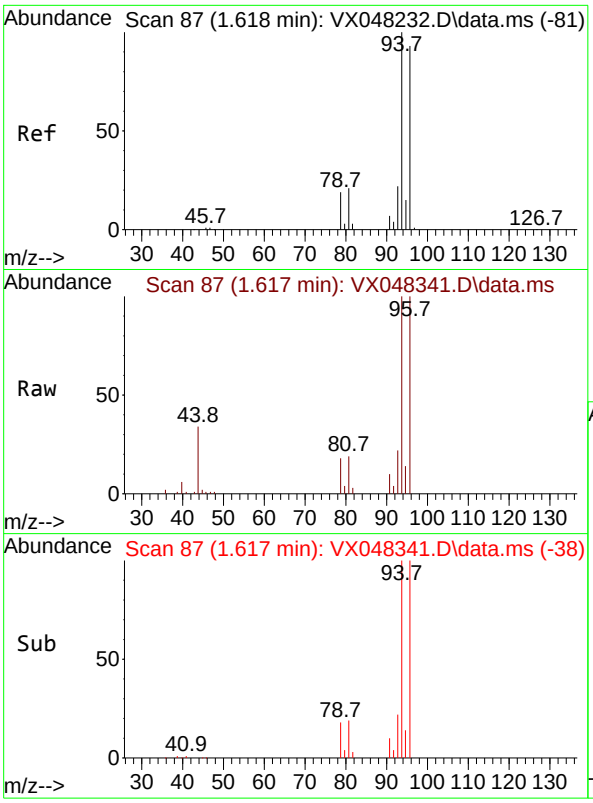



#4
Vinyl Chloride
Concen: 27.840 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 62 Resp: 36112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.5 | 25.1 | 37.7 |

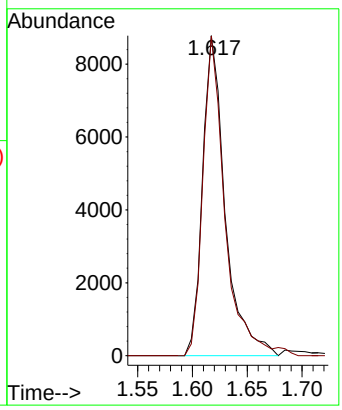





#5
Bromomethane
Concen: 14.323 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 94 Resp: 1260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 87.6 | 76.0 | 114.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
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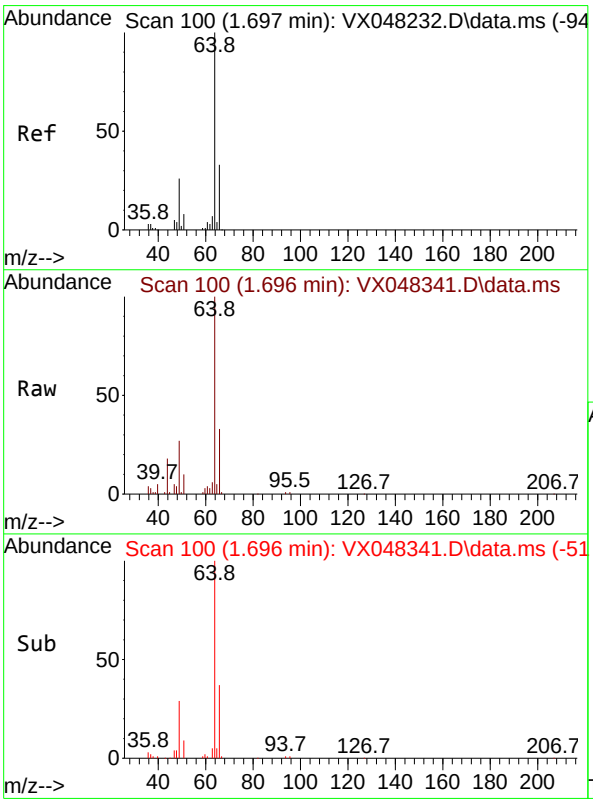
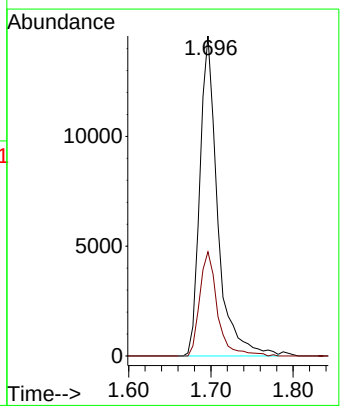
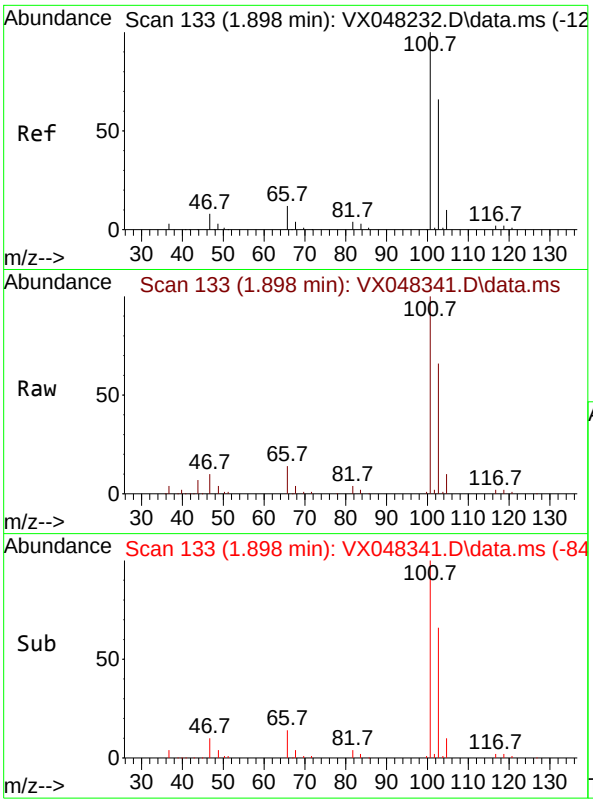



#6
Chloroethane
Concen: 28.735 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 64 Resp: 21902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.6 | 23.9 | 35.9 |

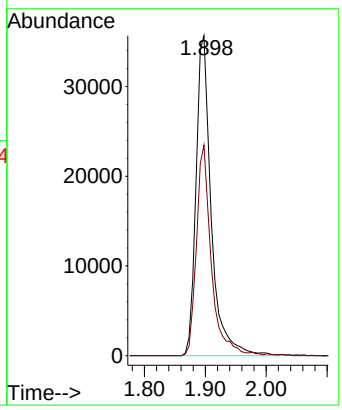





#7
Trichlorofluoromethane
Concen: 24.842 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:101 Resp: 6179

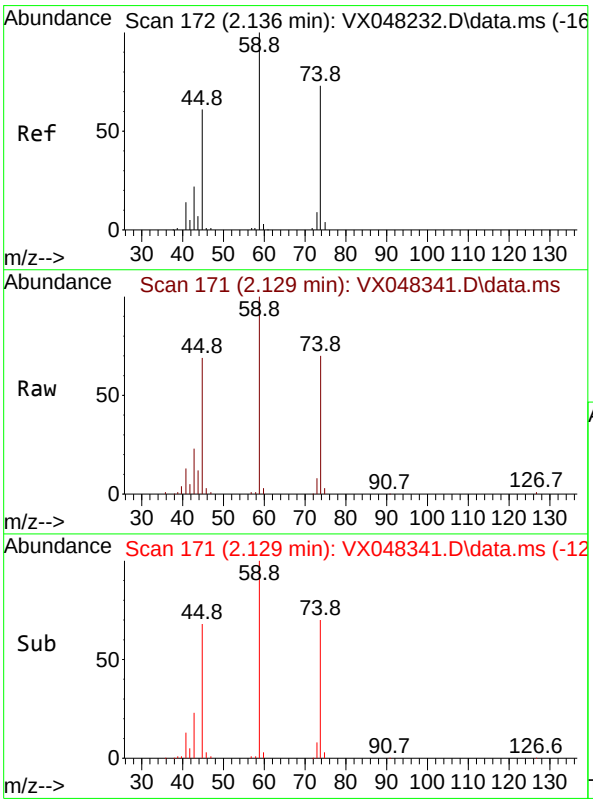
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.9 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

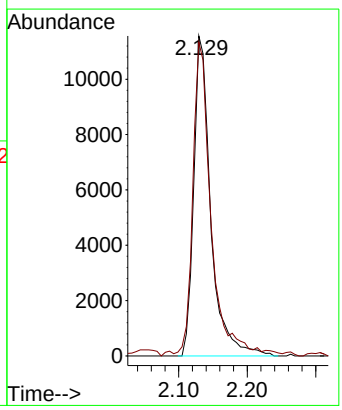
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

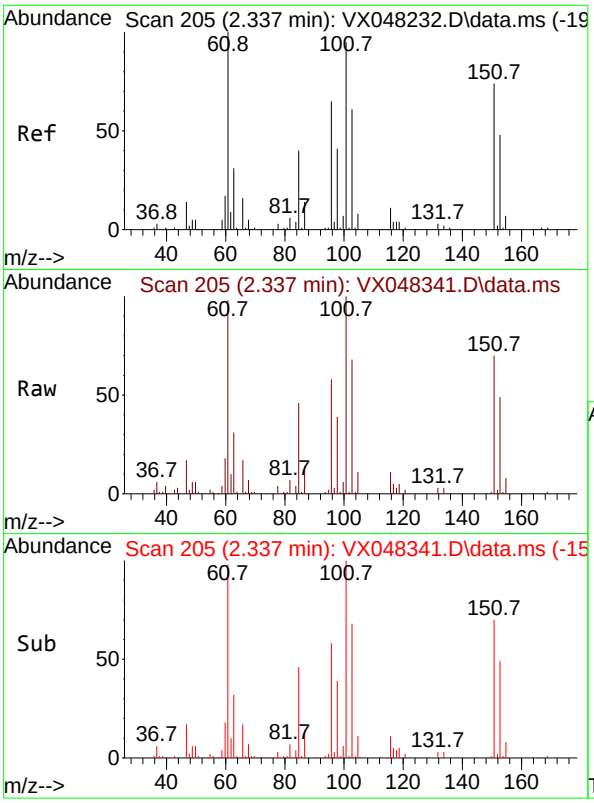



#8
Diethyl Ether
Concen: 28.600 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 74 Resp: 20019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 106.0 | 50.0 | 149.8 |

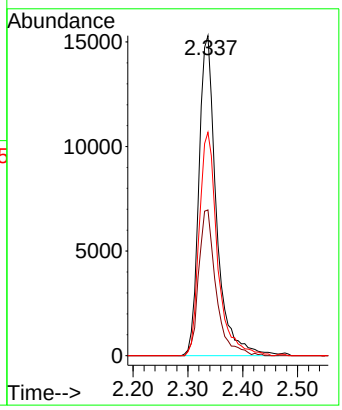





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.529 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:101 Resp: 3391

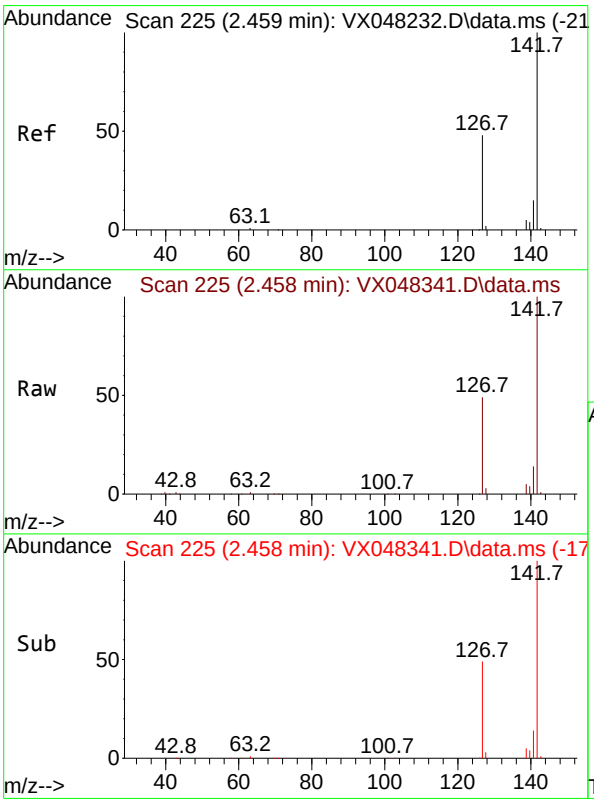
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.5 | 35.6 | 53.4 |
| 151 | 72.7 | 58.0 | 87.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

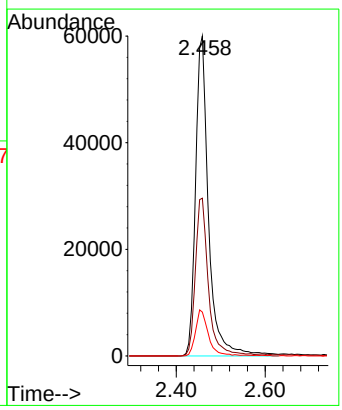
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

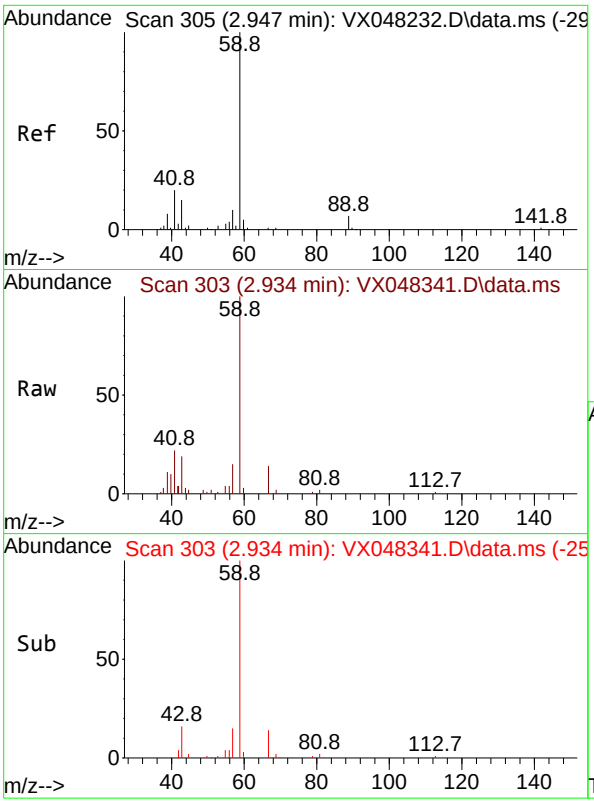



#10
Methyl Iodide
Concen: 61.528 ug/l
RT: 2.458 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:142 Resp: 121848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 49.5 | 38.5 | 57.7 |
| 141 | 14.6 | 11.6 | 17.4 |

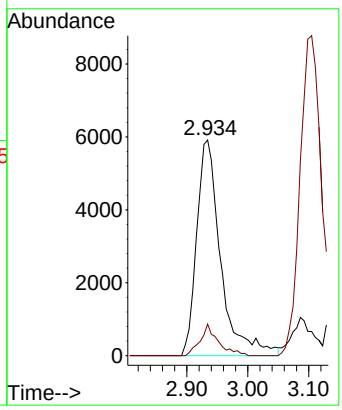





#11
Tert butyl alcohol
Concen: 79.768 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 59 Resp: 1621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.0 | 8.2 | 12.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
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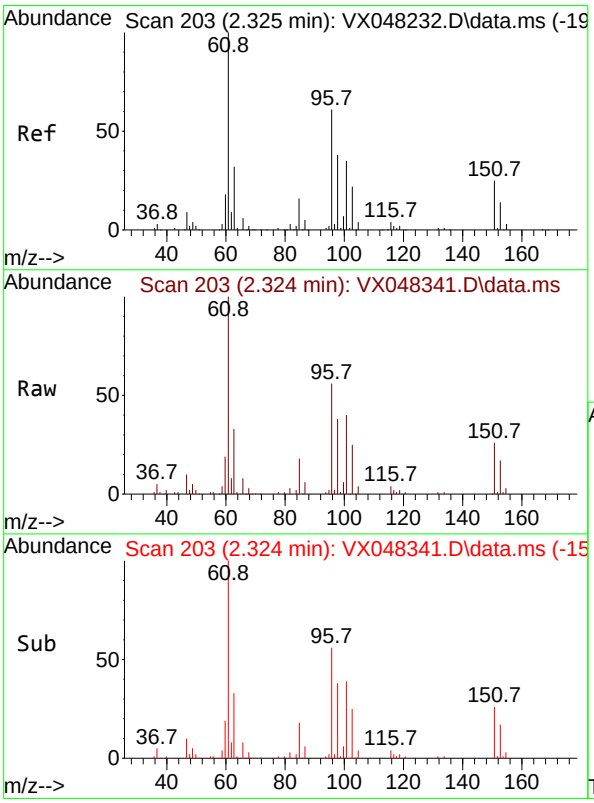
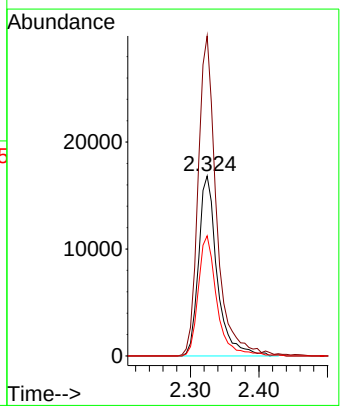
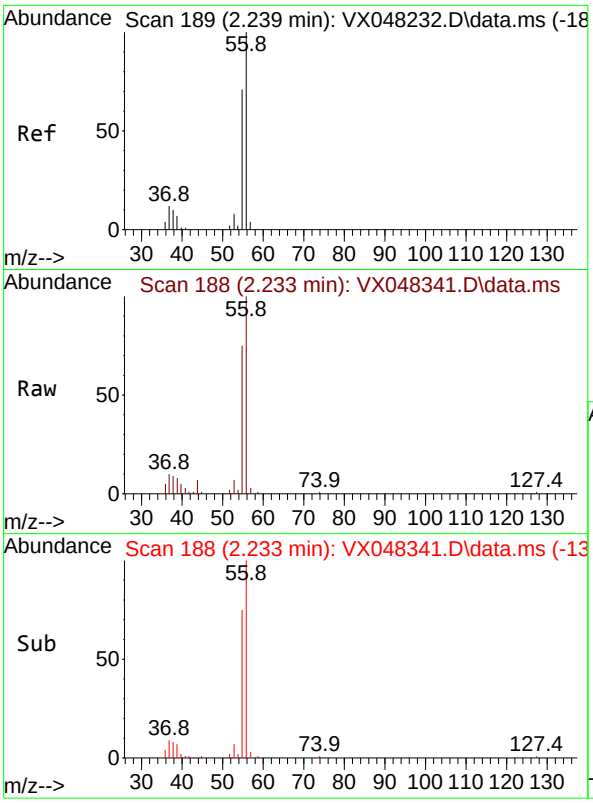



#12
1,1-Dichloroethene
Concen: 20.715 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 96 Resp: 31747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 177.7 | 139.0 | 208.6 |
| 98 | 66.7 | 52.4 | 78.6 |

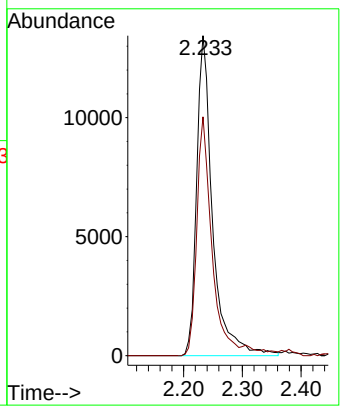





#13
Acrolein
Concen: 122.255 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 56 Resp: 2533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.1 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
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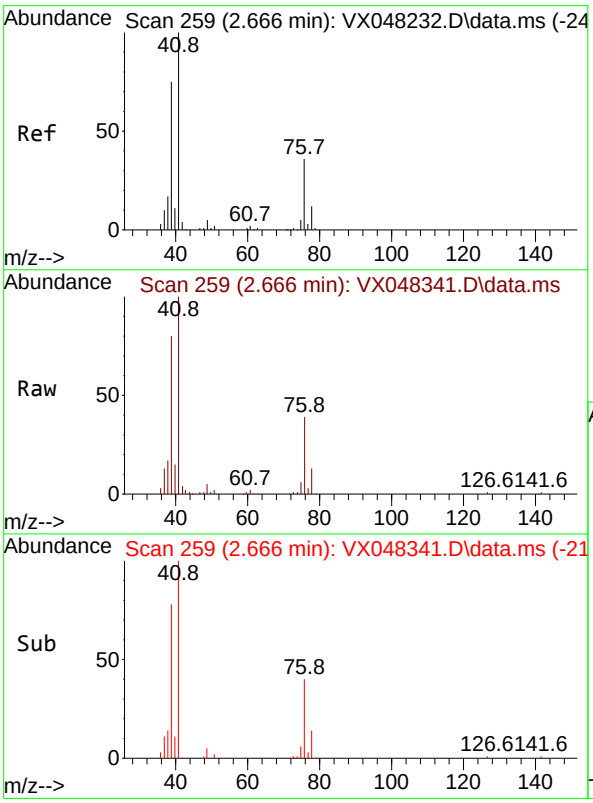
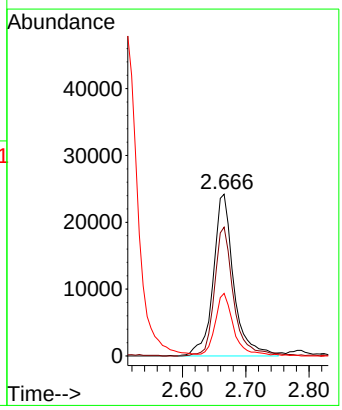
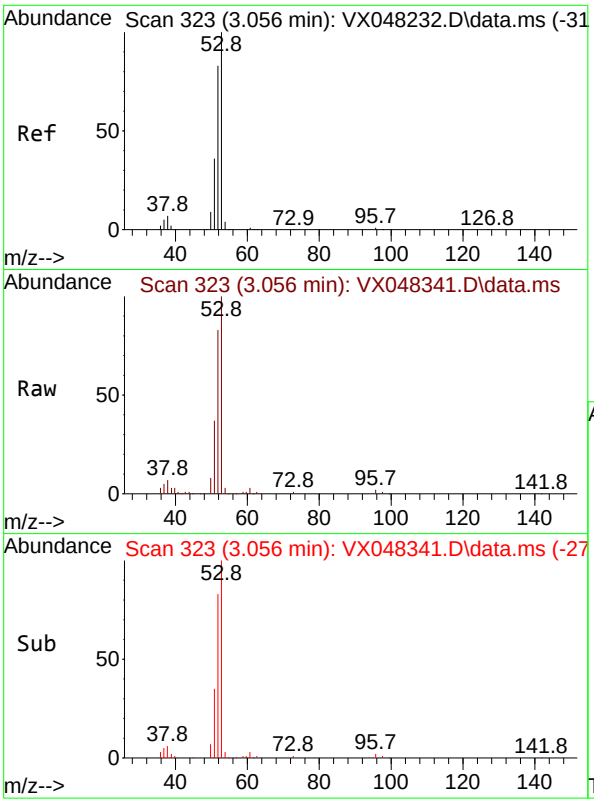



#14
Allyl chloride
Concen: 21.344 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 41 Resp: 54311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 74.9 | 56.0 | 84.0 |
| 76 | 35.5 | 27.5 | 41.3 |






#15
Acrylonitrile
Concen: 96.210 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

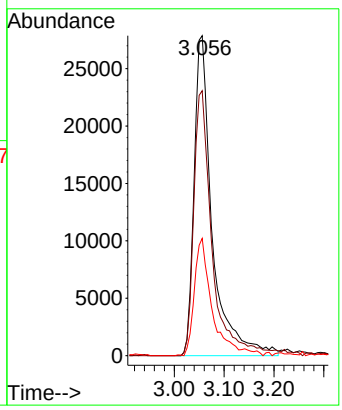
Tgt Ion: 53 Resp: 7050

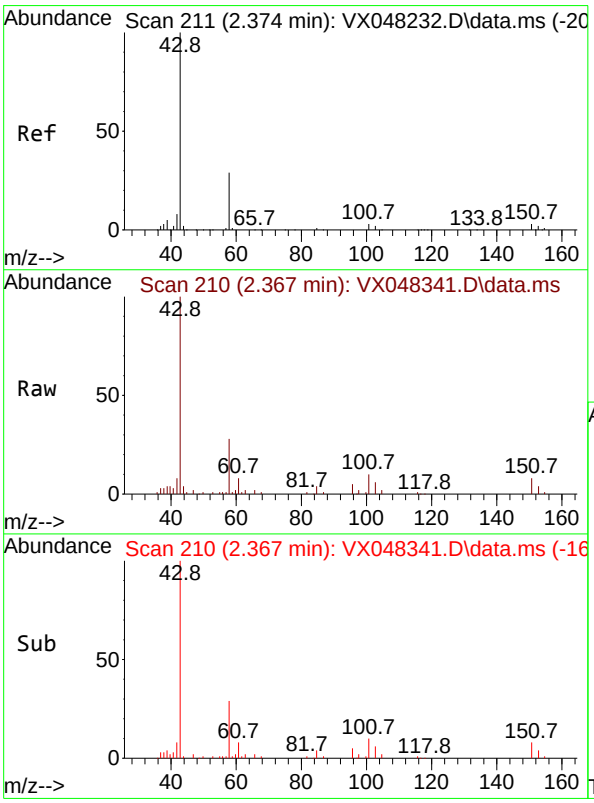
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.5 | 66.1 | 99.1 |
| 51 | 36.1 | 29.0 | 43.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

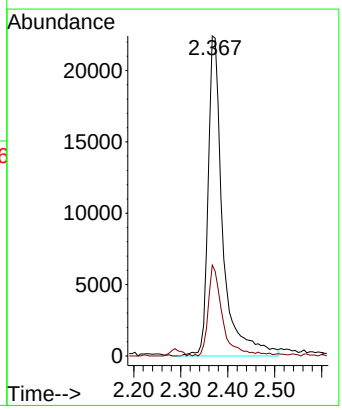


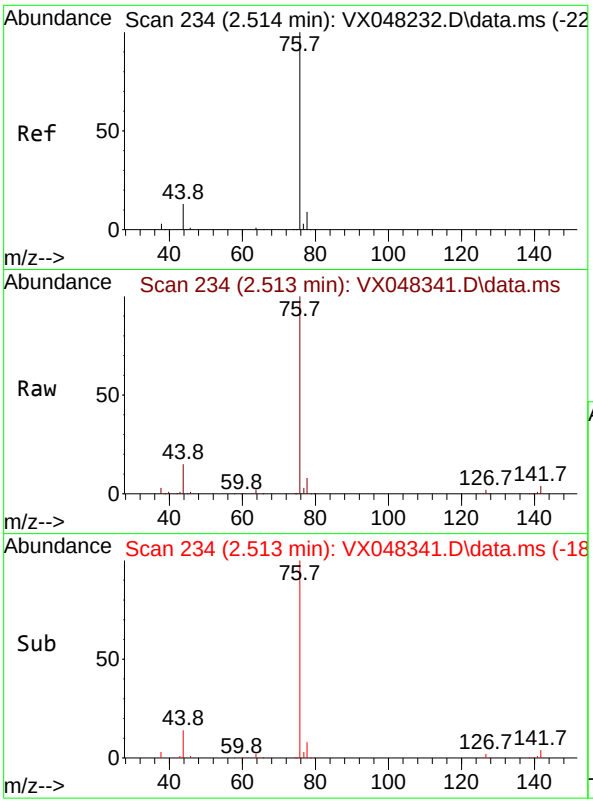




#16
Acetone
Concen: 69.111 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 48526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 23.4 | 35.2 |

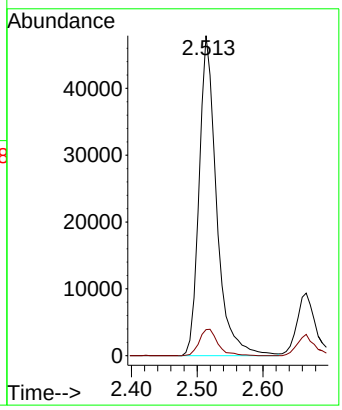





#17
Carbon Disulfide
Concen: 18.310 ug/l
RT: 2.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 76 Resp: 8843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.2 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

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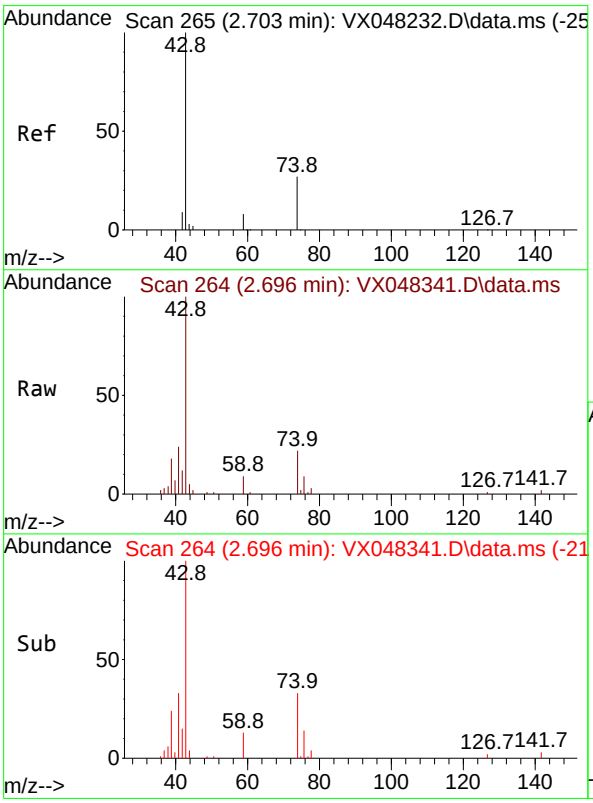
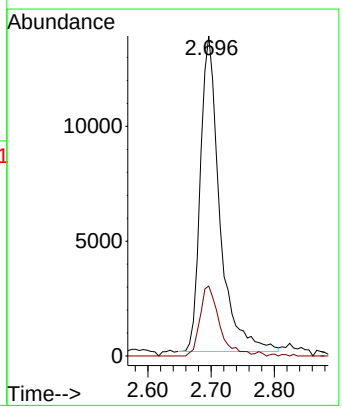
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

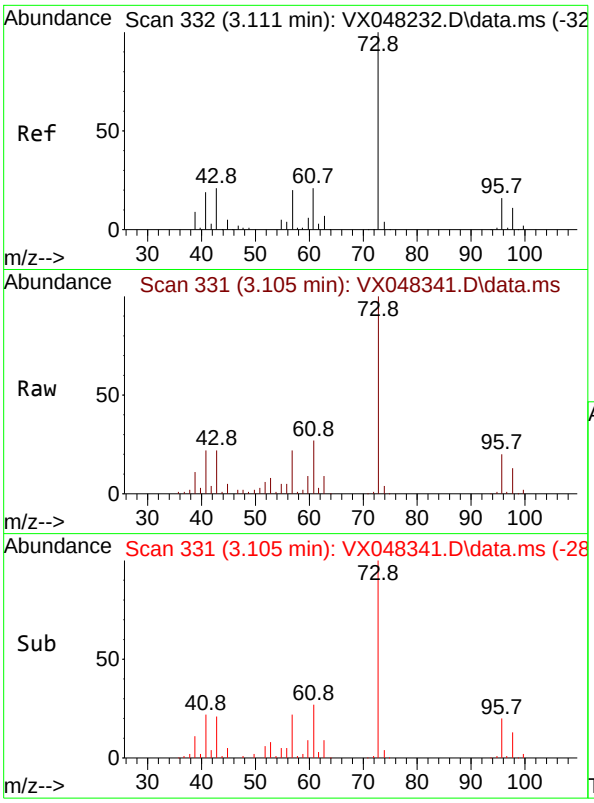



#18
Methyl Acetate
Concen: 19.976 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 29292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.2 | 17.5 | 26.3 |

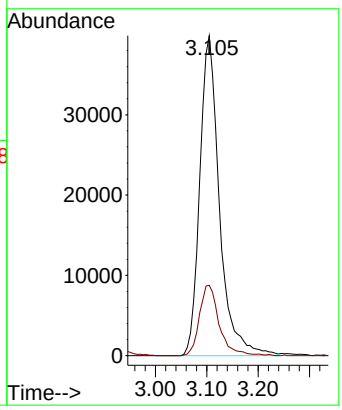





#19
Methyl tert-butyl Ether
Concen: 20.250 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 73 Resp: 10587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.0 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
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VX1024WBS01

**Manual Integrations**
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Reviewed By :John Carlone 10/27/2025
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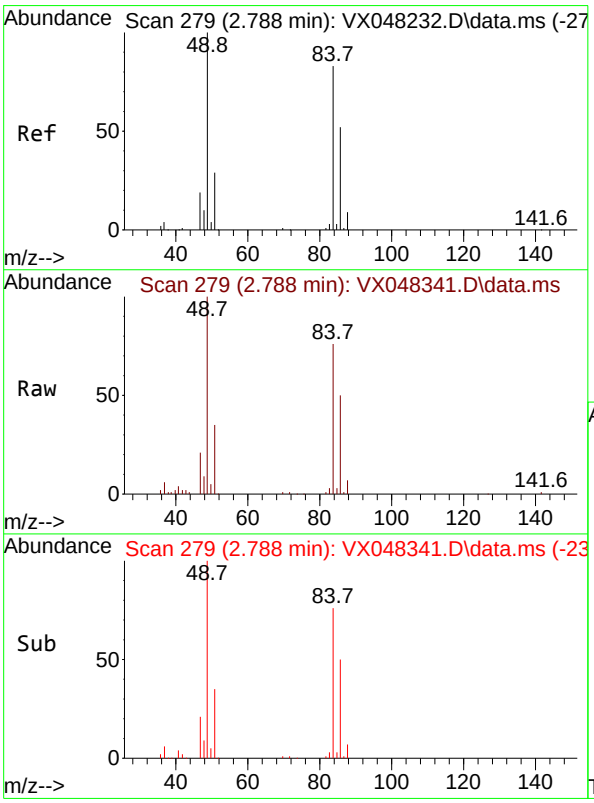
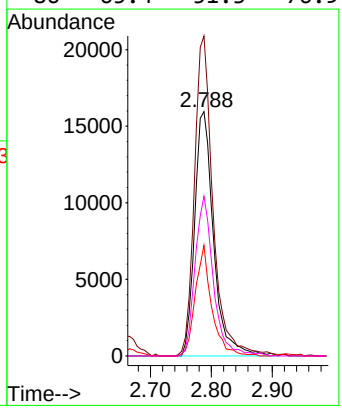
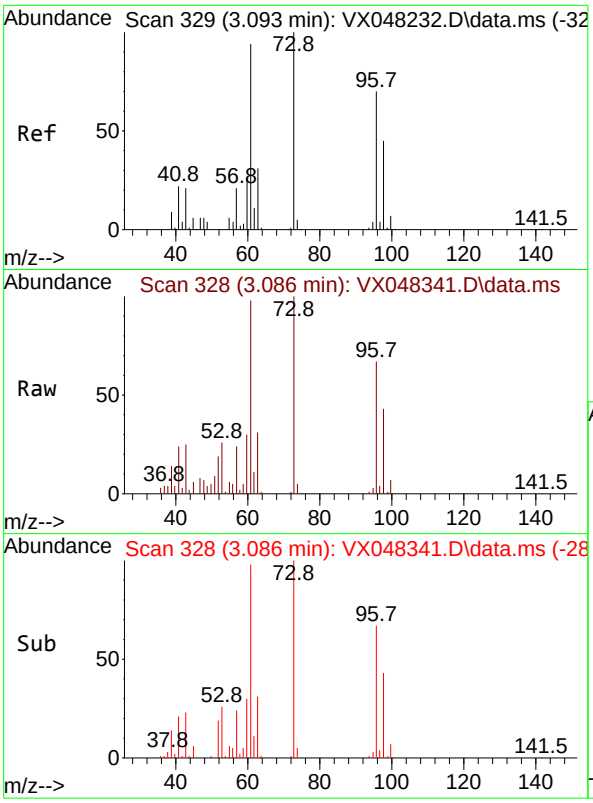



#20
Methylene Chloride
Concen: 20.172 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 84 Resp: 34512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 130.5 | 104.1 | 156.1 |
| 51 | 45.2 | 31.3 | 46.9 |
| 86 | 65.4 | 51.3 | 76.9 |

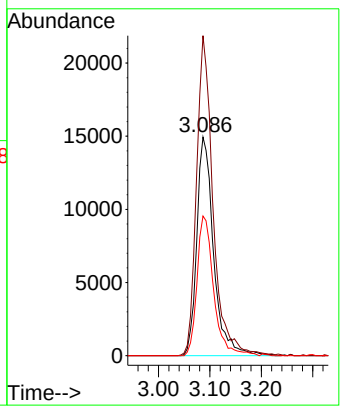





#21
trans-1,2-Dichloroethene
Concen: 20.223 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 96 Resp: 3404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.1 | 111.9 | 167.9 |
| 98 | 60.3 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

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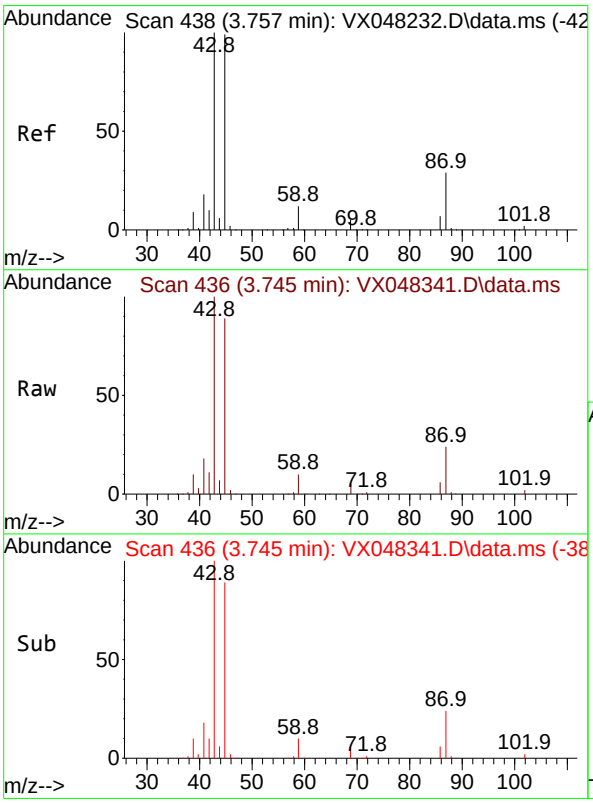
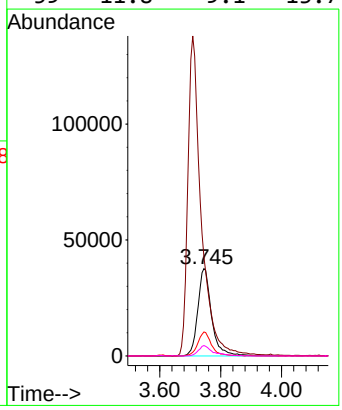
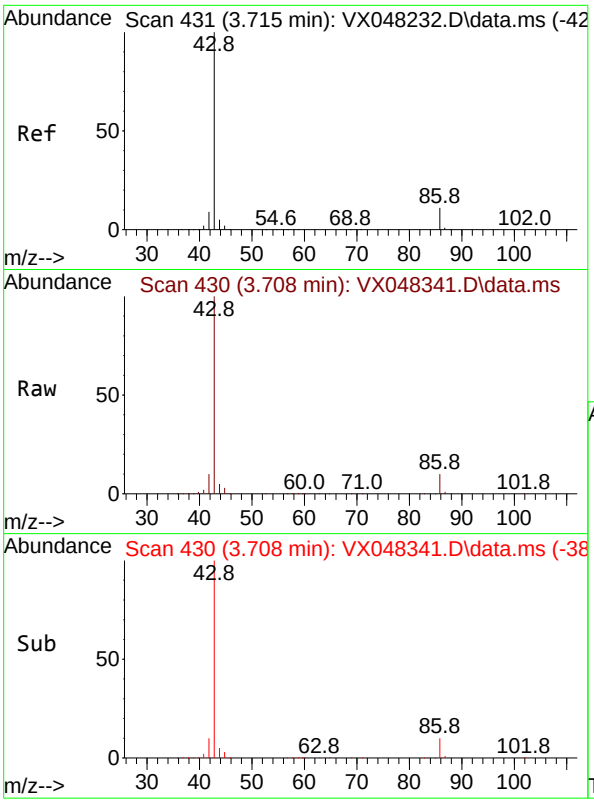



#22
Diisopropyl ether
Concen: 23.336 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 45 Resp: 118430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 112.2 | 89.8 | 134.8 |
| 87 | 27.4 | 20.6 | 31.0 |
| 59 | 11.8 | 9.1 | 13.7 |

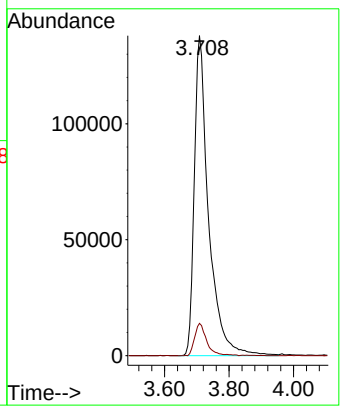





#23
Vinyl Acetate
Concen: 104.344 ug/l
RT: 3.708 min Scan# 4
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 42300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.1 | 7.9 | 11.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

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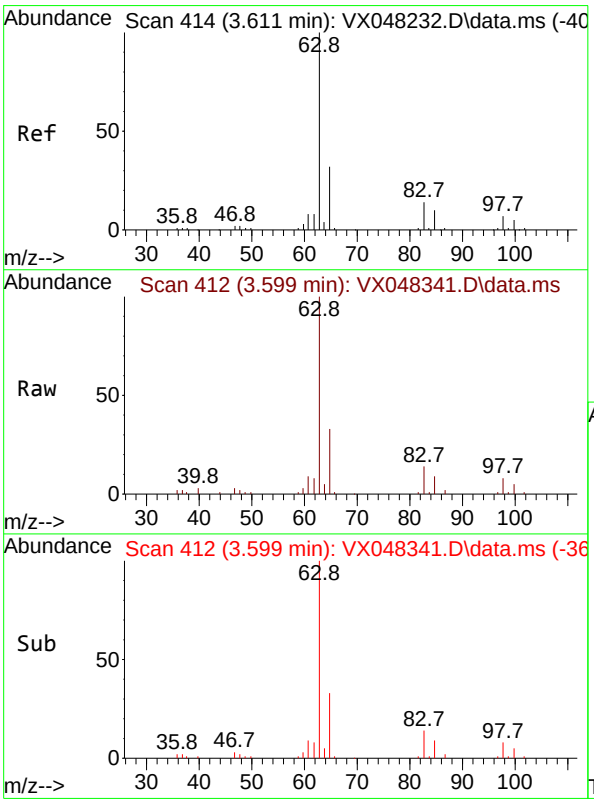
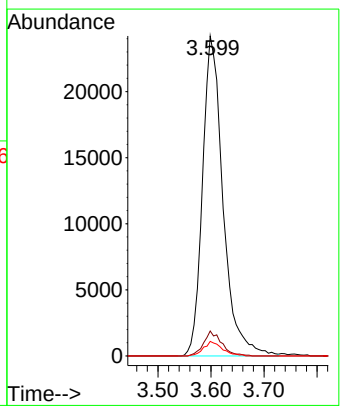
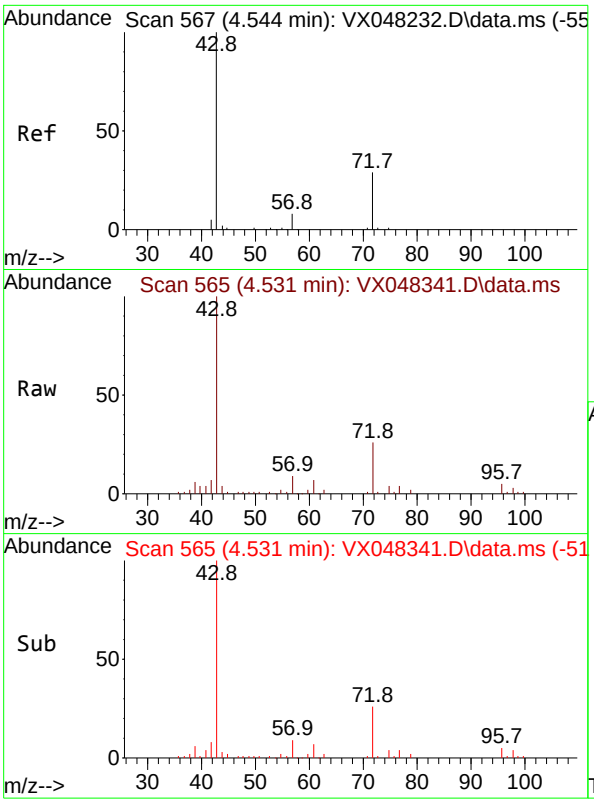



#24
1,1-Dichloroethane
Concen: 21.207 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 63 Resp: 65078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.8 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |






#25
2-Butanone
Concen: 84.639 ug/l
RT: 4.531 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 7522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.6 | 19.9 | 29.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
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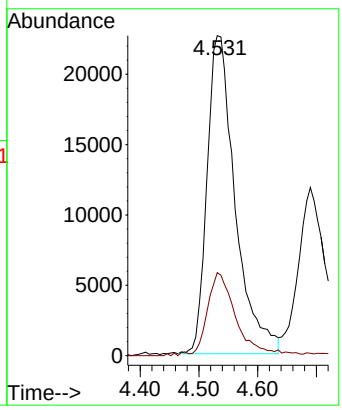
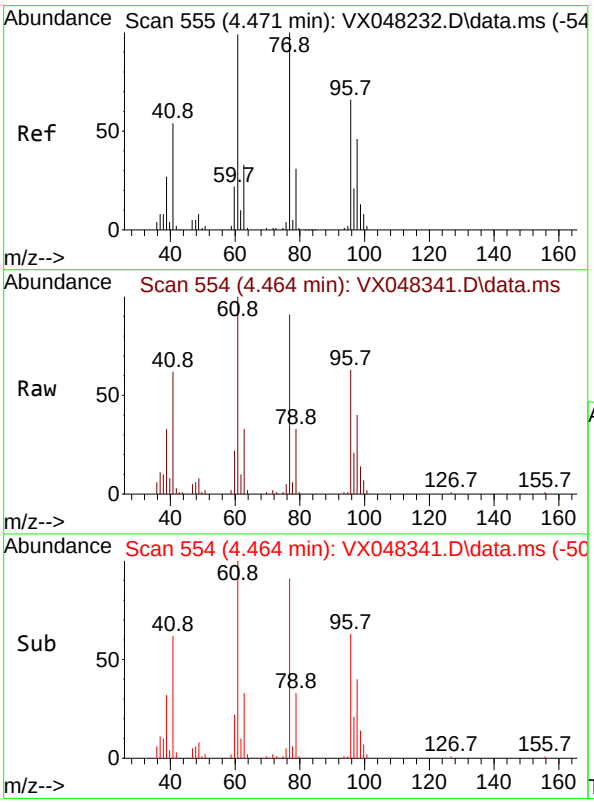
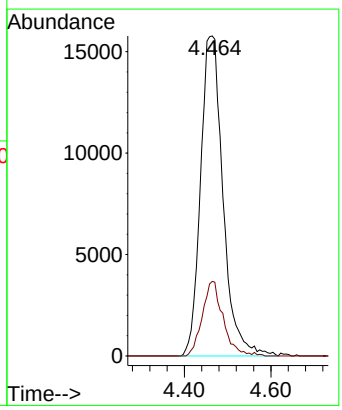


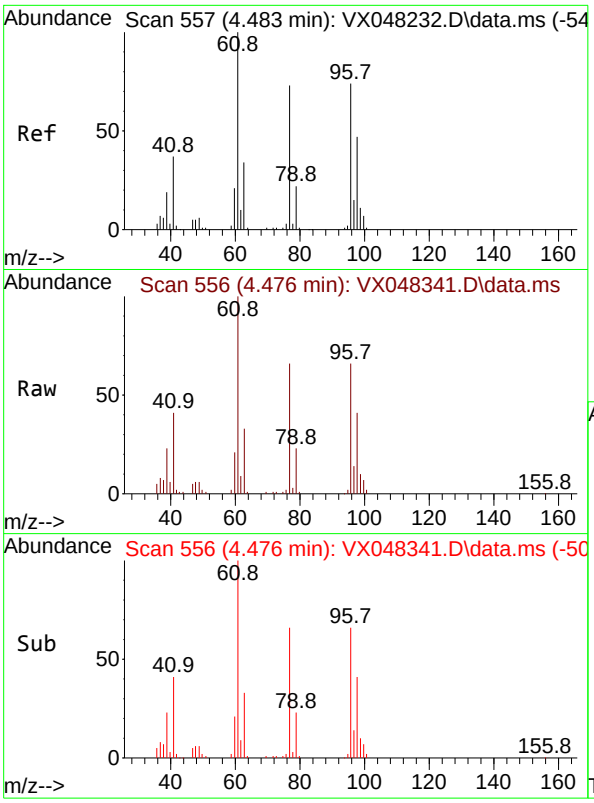




#26
2,2-Dichloropropane
Concen: 20.530 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 77 Resp: 56864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.5 | 11.1 | 33.3 |

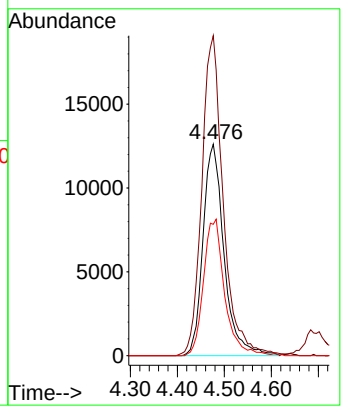





#27
cis-1,2-Dichloroethene
Concen: 19.955 ug/l
RT: 4.476 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 96 Resp: 3920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 154.3 | 0.0 | 294.2 |
| 98 | 64.7 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

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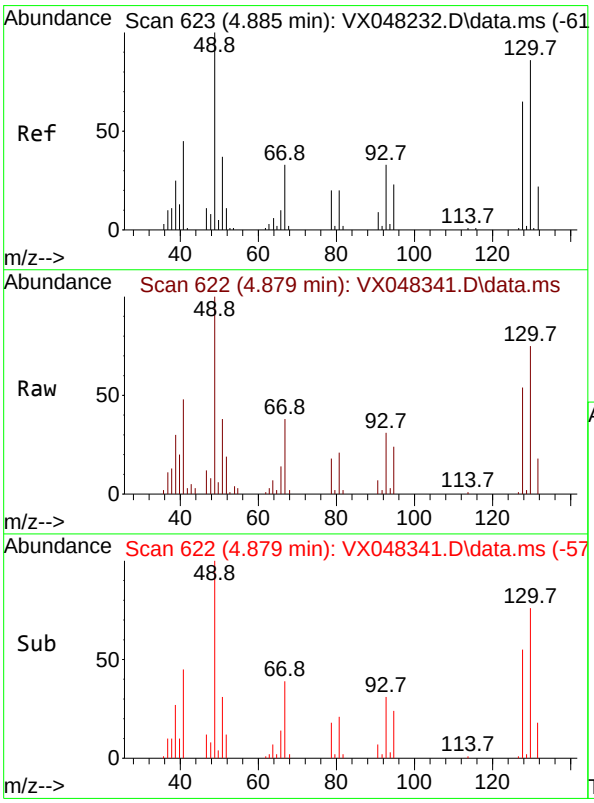
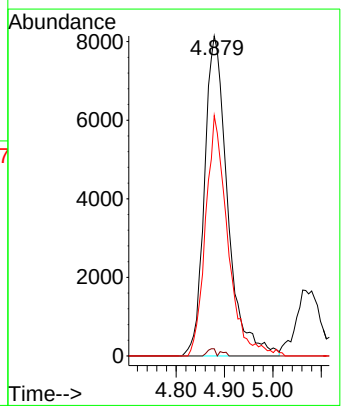
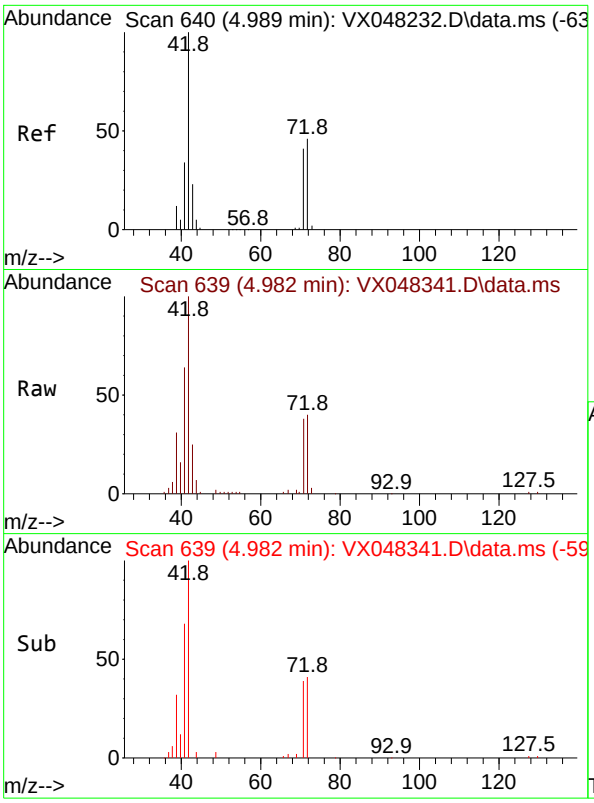



#28
Bromochloromethane
Concen: 21.261 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 49 Resp: 27053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.8 | 0.0 | 4.4 |
| 130 | 71.8 | 59.3 | 88.9 |

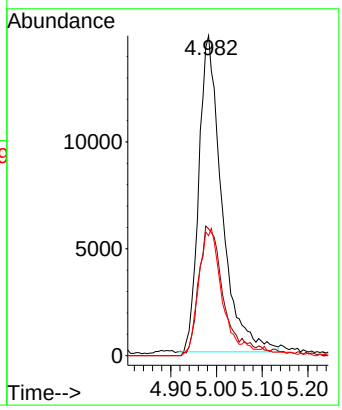





#29
Tetrahydrofuran
Concen: 97.222 ug/l
RT: 4.982 min Scan# 6
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 42 Resp: 5174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 45.0 | 35.3 | 52.9 |
| 71 | 39.6 | 32.2 | 48.4 |




**Instrument :**
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VX1024WBS01

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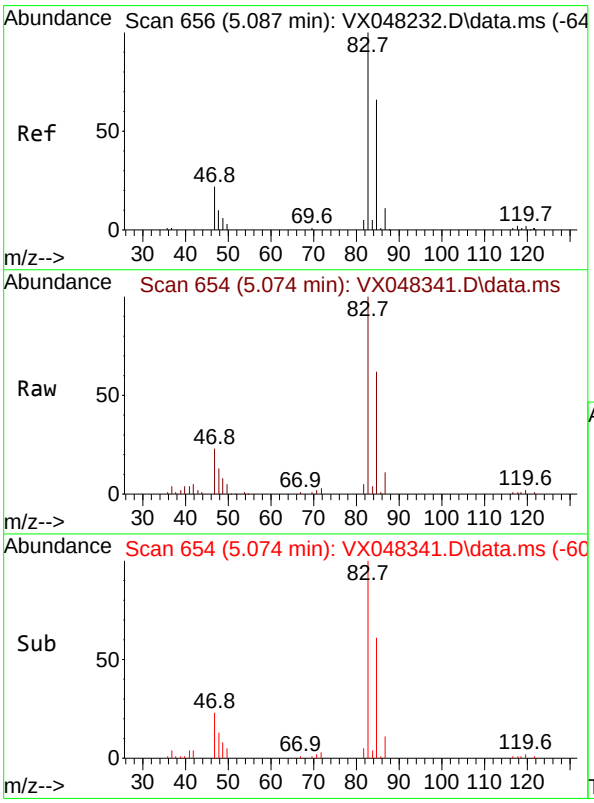
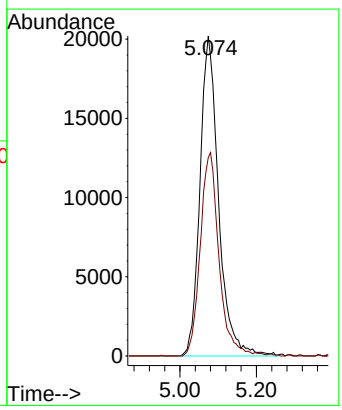
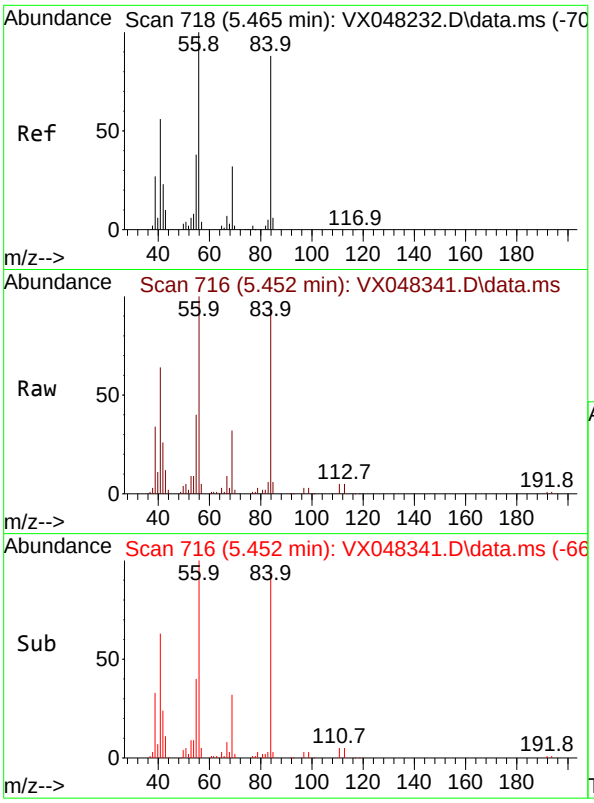



#30
Chloroform
Concen: 20.797 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 83 Resp: 68186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.1 | 50.1 | 75.1 |

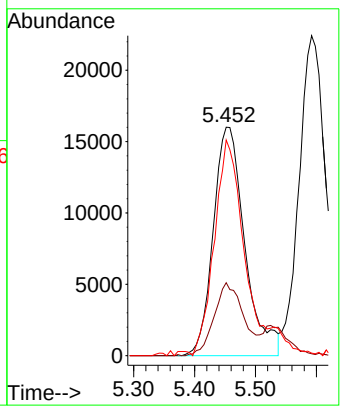





#31
Cyclohexane
Concen: 22.616 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 56 Resp: 5745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.5 | 23.0 | 34.6 |
| 84 | 92.6 | 64.6 | 97.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
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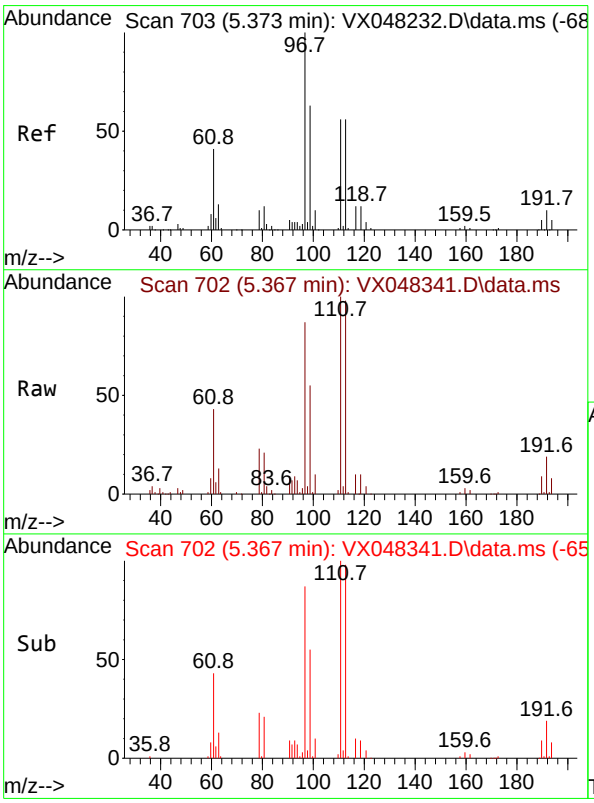
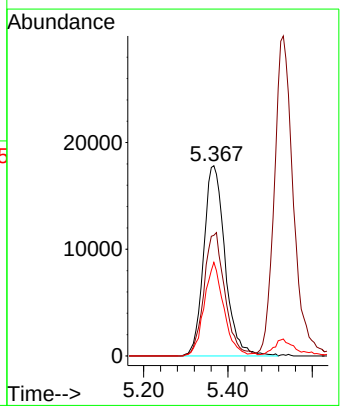
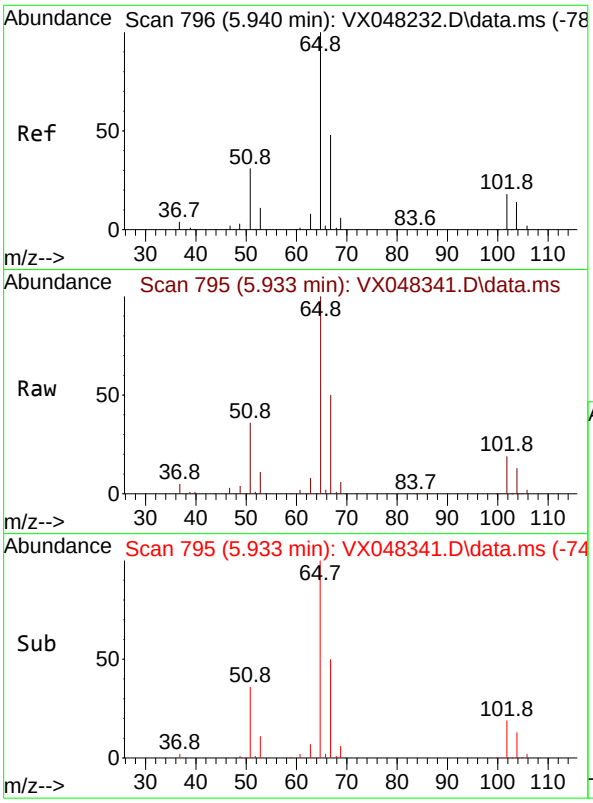



#32
1,1,1-Trichloroethane
Concen: 20.816 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 97 Resp: 62899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.6 | 51.7 | 77.5 |
| 61 | 45.0 | 34.8 | 52.2 |

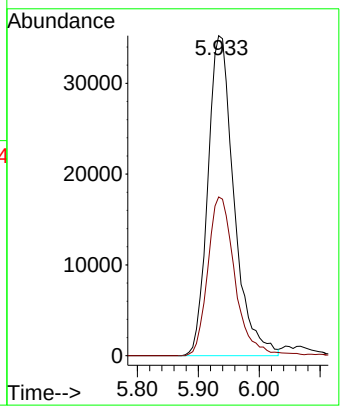





#33
1,2-Dichloroethane-d4
Concen: 51.275 ug/l
RT: 5.933 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 65 Resp: 10494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.5 | 0.0 | 105.0 |

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**ClientSampleId :**
VX1024WBS01

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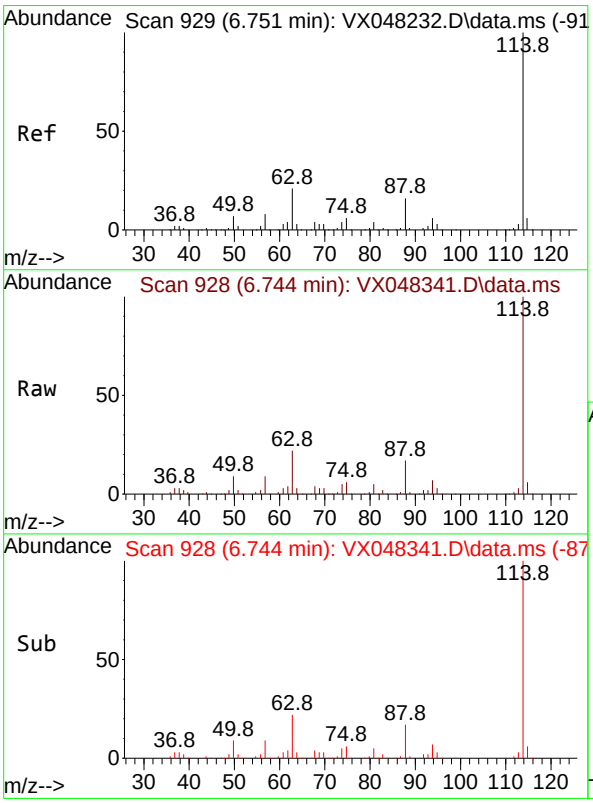
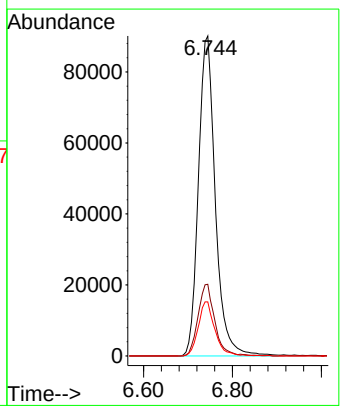
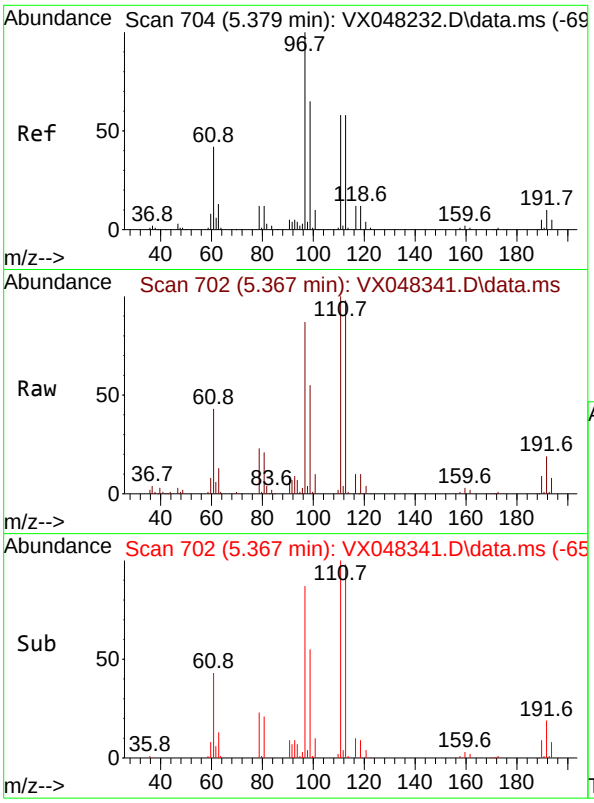



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 928
Delta R.T. -0.001 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:114 Resp: 238661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.4 | 0.0 | 43.2 |
| 88 | 16.9 | 0.0 | 33.6 |

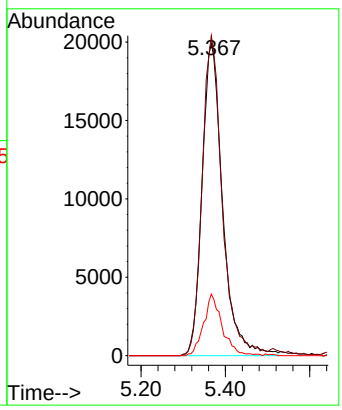





#35
Dibromofluoromethane
Concen: 41.564 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:113 Resp: 6772

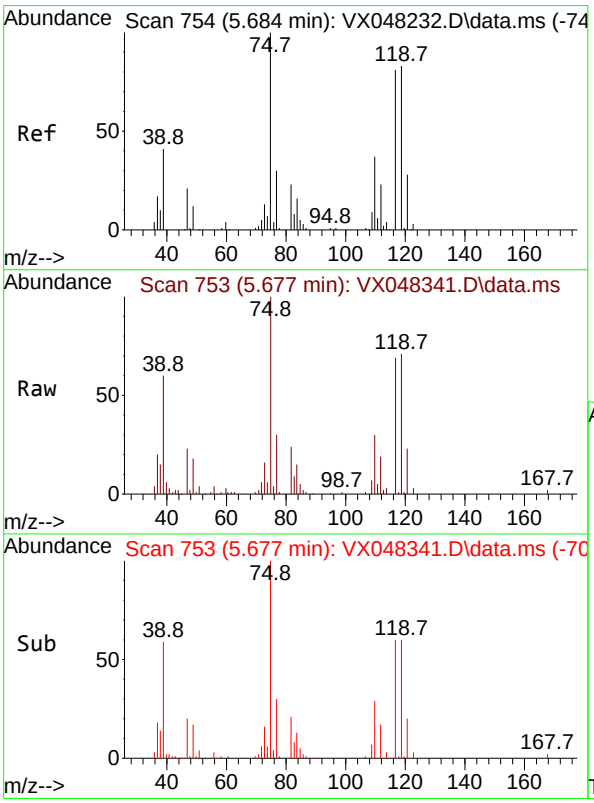
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 99.9 | 82.2 | 123.4 |
| 192 | 17.8 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

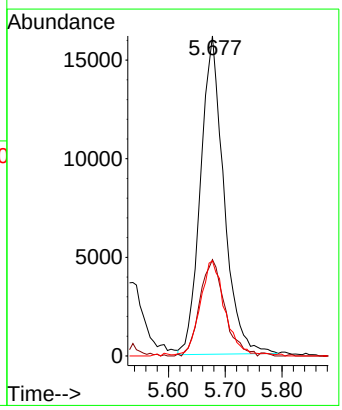
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

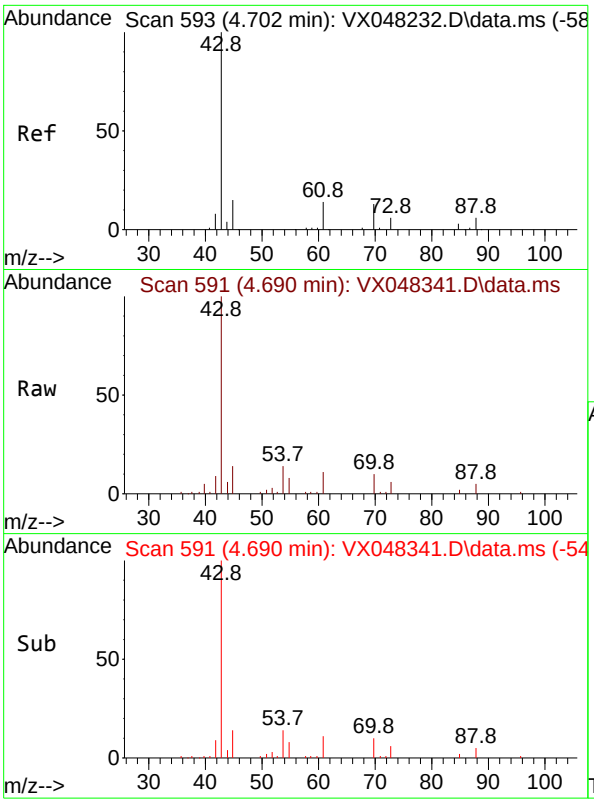



#36
1,1-Dichloropropene
Concen: 19.958 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 46219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 32.2 | 17.7 | 53.1 |
| 77 | 32.0 | 24.3 | 36.5 |






#37
Ethyl Acetate
Concen: 21.391 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 4106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 10.3 | 10.6 | 15.8# |
| 70 | 8.6 | 7.8 | 11.6 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

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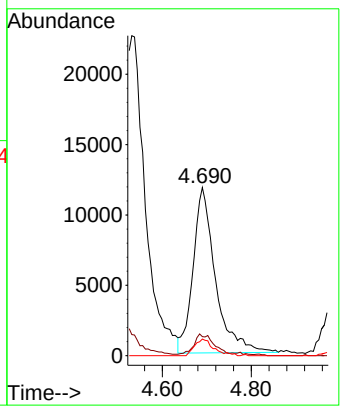
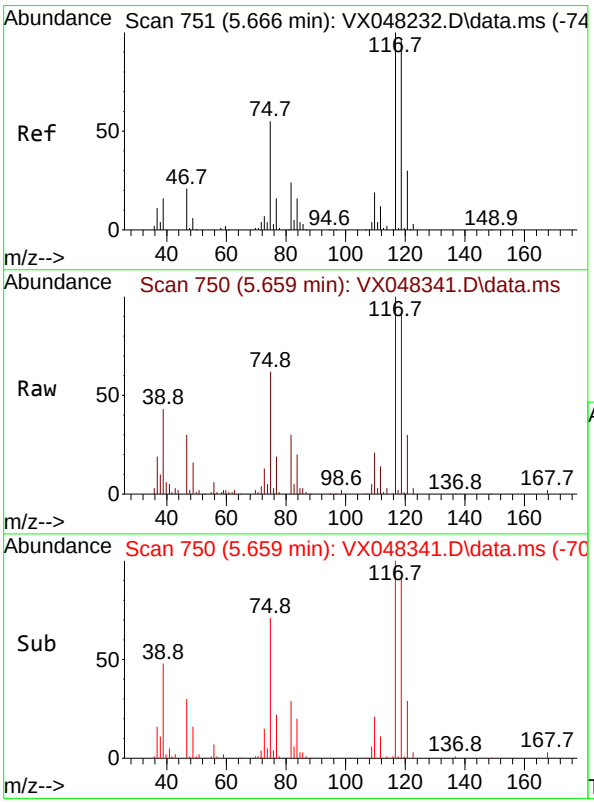
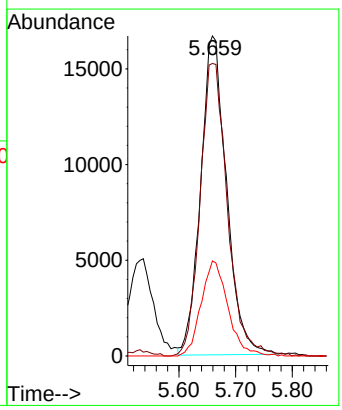


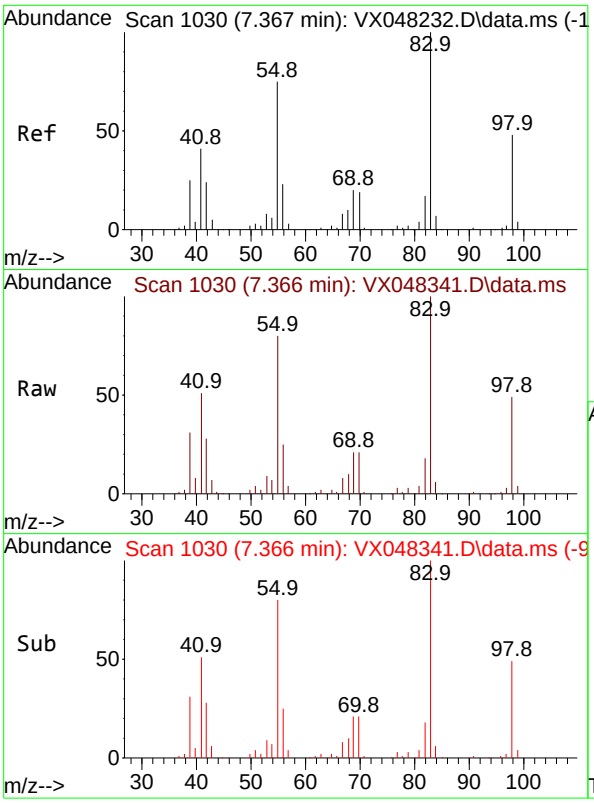




#38
Carbon Tetrachloride
Concen: 18.522 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:117 Resp: 52919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.2 | 77.2 | 115.8 |
| 121 | 29.8 | 24.8 | 37.2 |

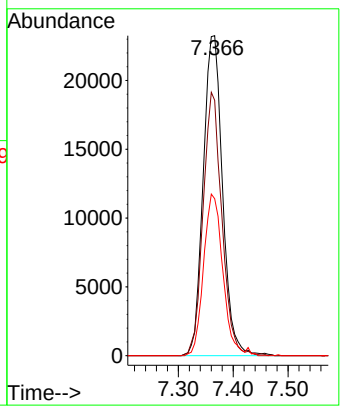





#39
Methylcyclohexane
Concen: 20.823 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 83 Resp: 5694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 79.8 | 66.2 | 99.2 |
| 98 | 49.1 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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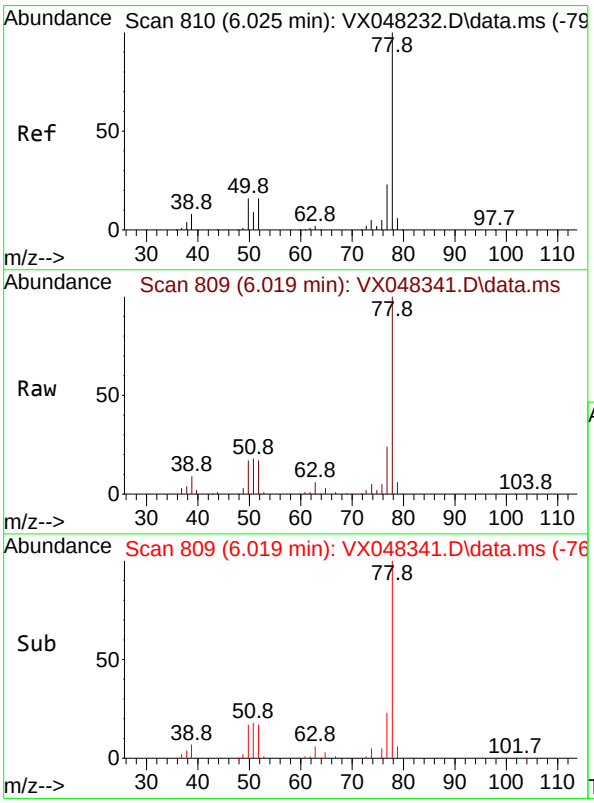
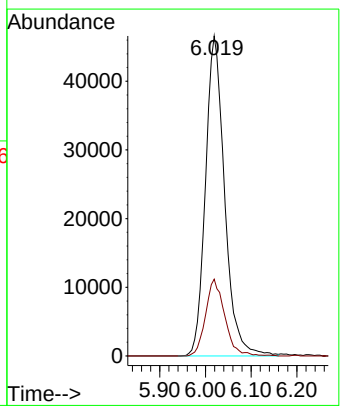
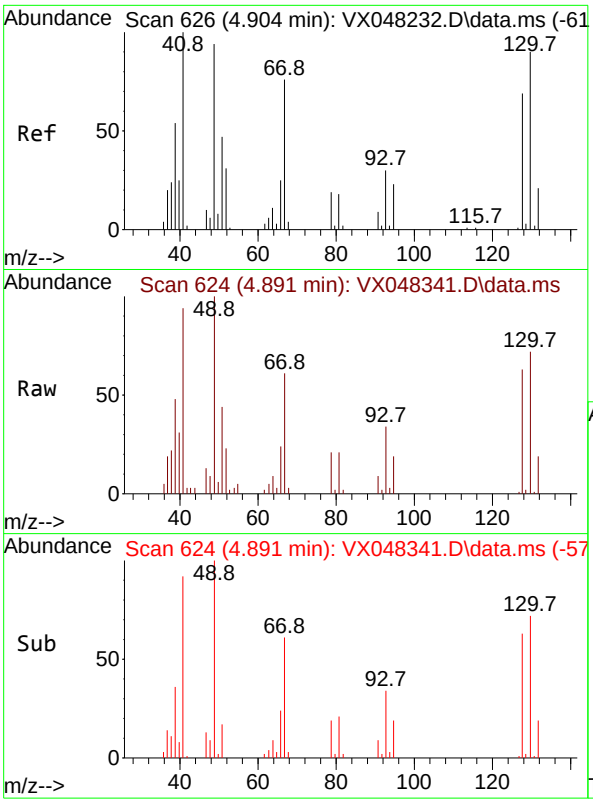



#40
Benzene
Concen: 20.165 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 78 Resp: 135581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.0 | 19.3 | 28.9 |

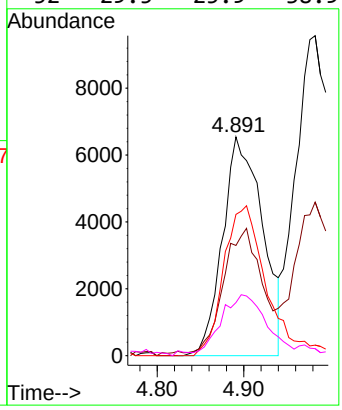





#41
Methacrylonitrile
Concen: 20.817 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.013 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 41 Resp: 2098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.4 | 44.0 | 66.0 |
| 67 | 73.4 | 58.7 | 88.1 |
| 52 | 29.5 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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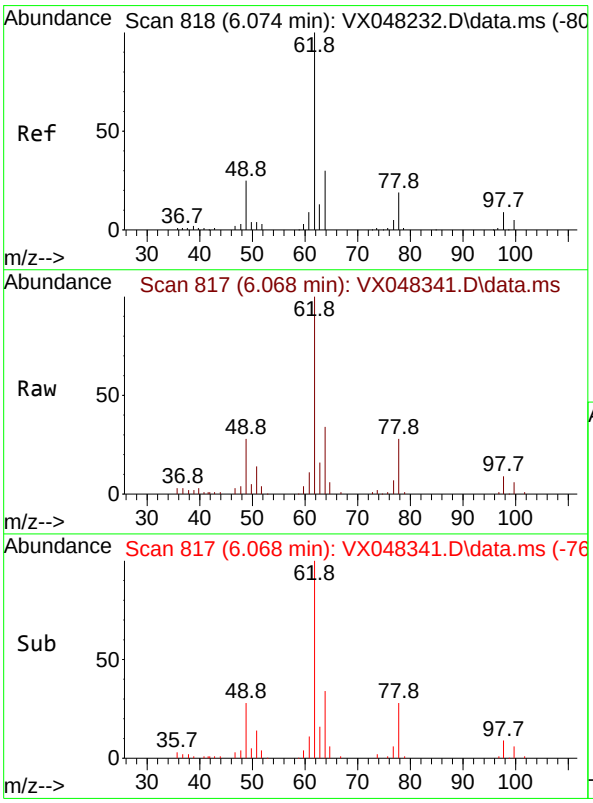
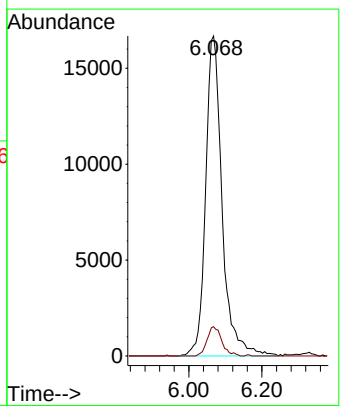
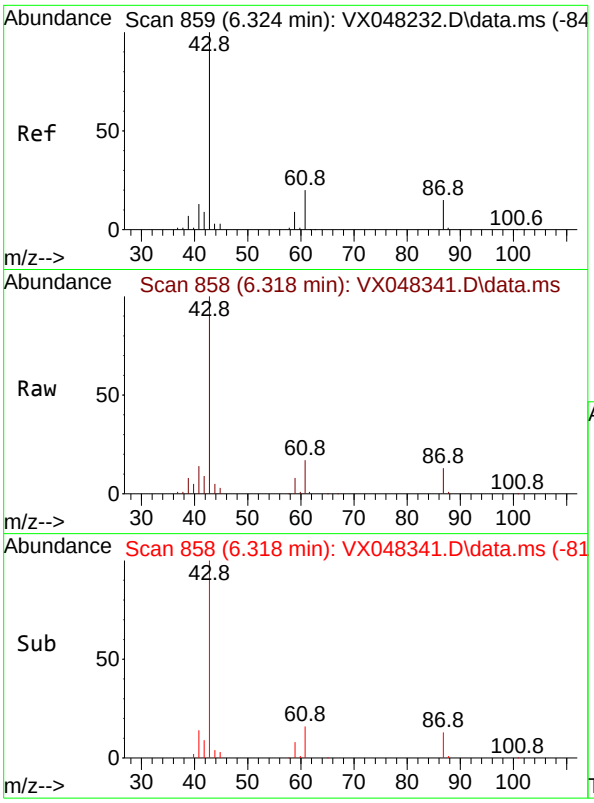



#42
1,2-Dichloroethane
Concen: 20.965 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 62 Resp: 52014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.2 | 0.0 | 17.2 |

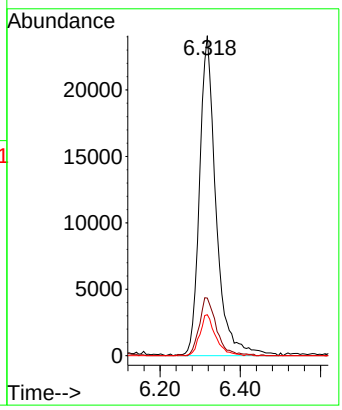





#43
Isopropyl Acetate
Concen: 21.807 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 6875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.8 | 14.9 | 22.3 |
| 87 | 12.3 | 9.4 | 14.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
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Reviewed By :John Carlone 10/27/2025
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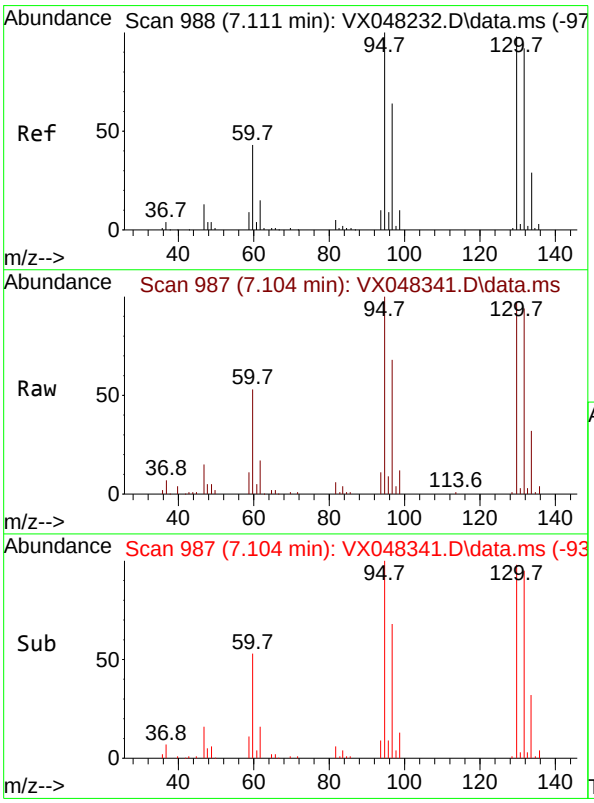
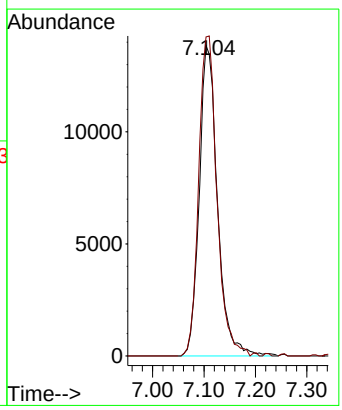
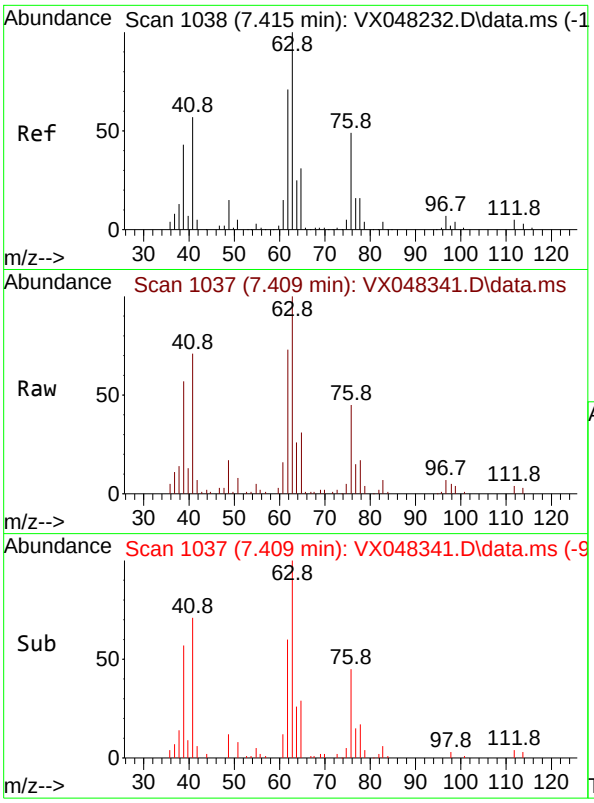



#44
Trichloroethene
Concen: 19.247 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:130 Resp: 34170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 102.8 | 0.0 | 200.6 |

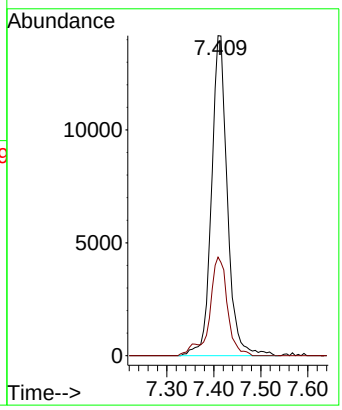





#45
1,2-Dichloropropane
Concen: 20.781 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 63 Resp: 3322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.8 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

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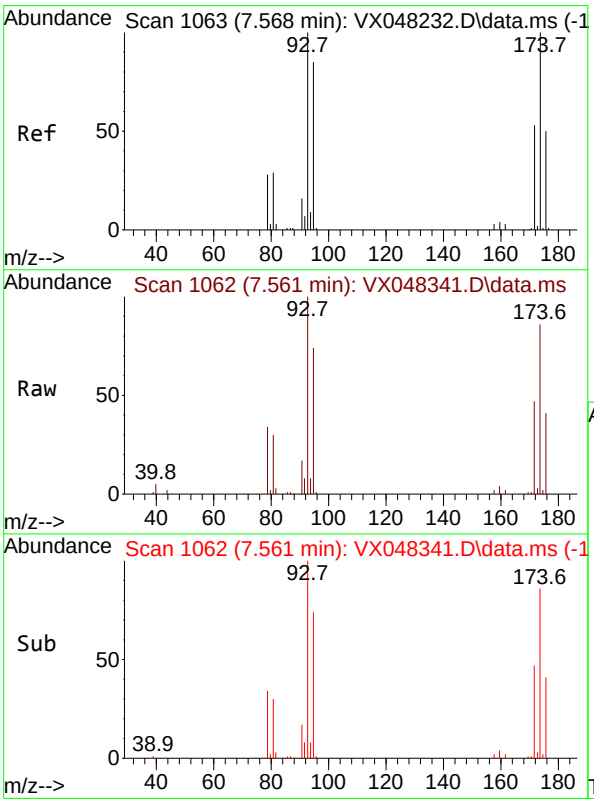
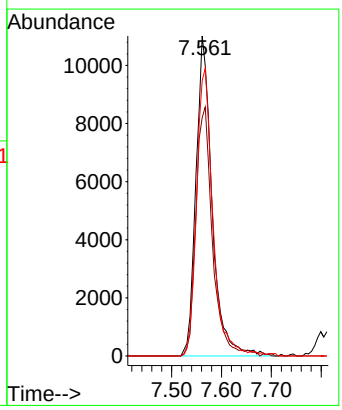
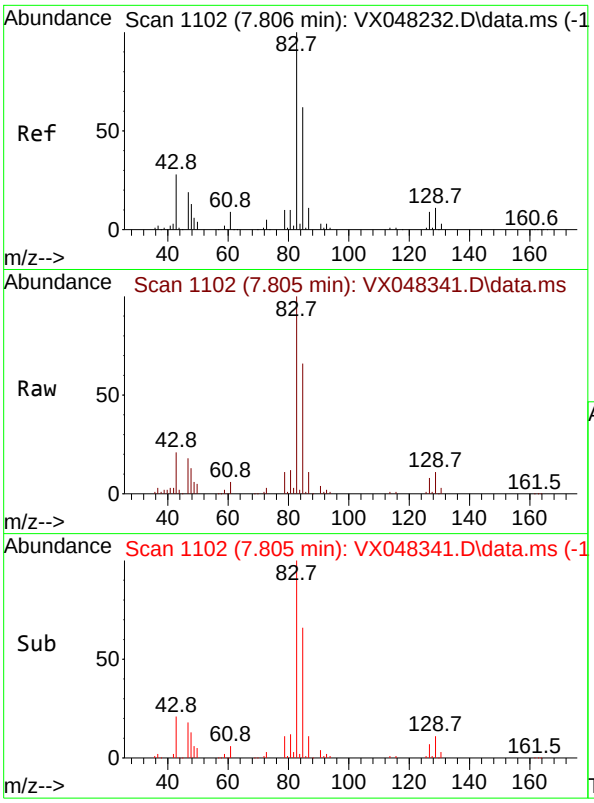



#46
Dibromomethane
Concen: 19.873 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 93 Resp: 24750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 80.1 | 65.9 | 98.9 |
| 174 | 91.2 | 71.7 | 107.5 |

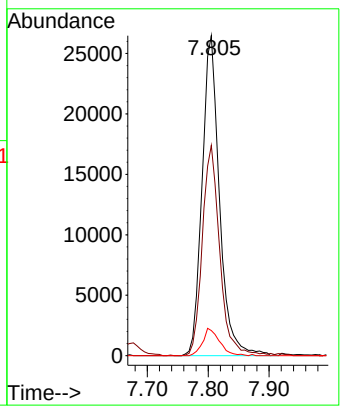





#47
Bromodichloromethane
Concen: 19.571 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 83 Resp: 5262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.7 | 52.2 | 78.4 |
| 127 | 7.8 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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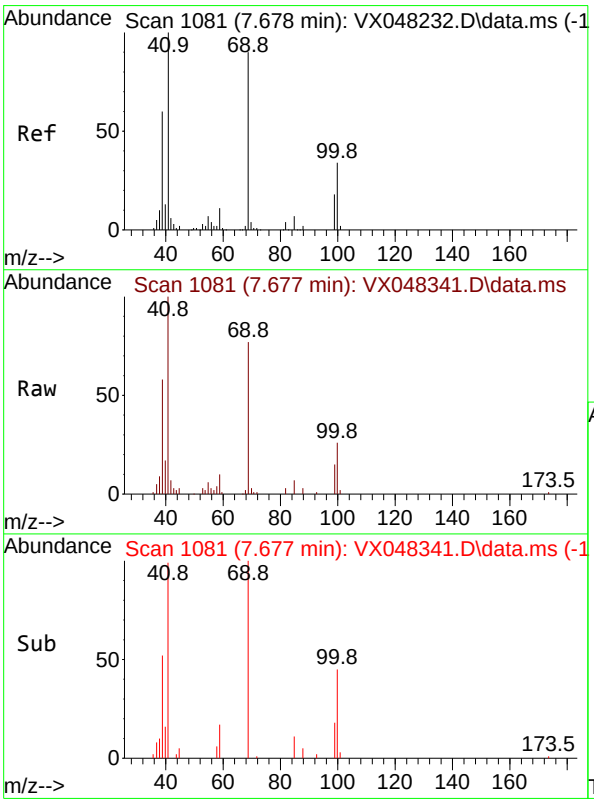
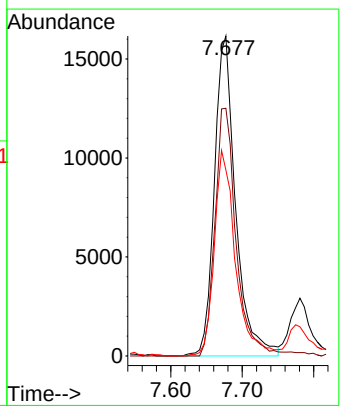
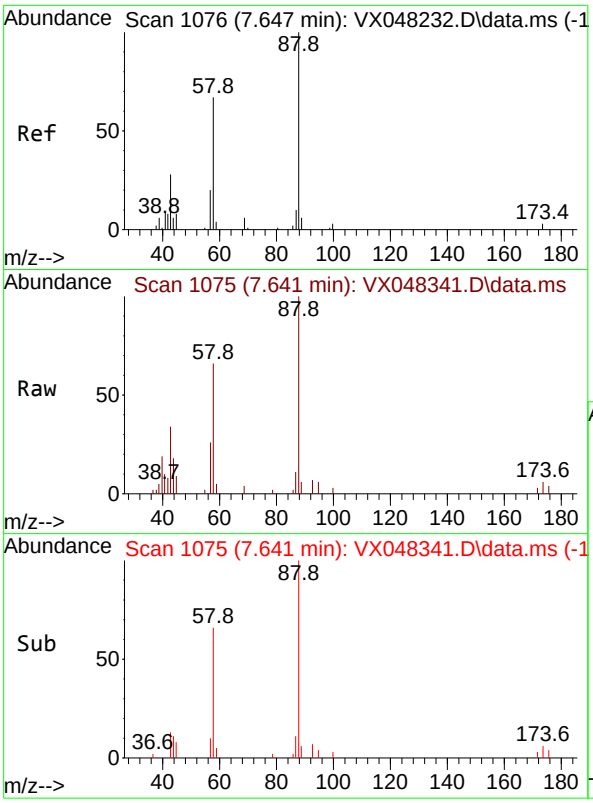



#48
Methyl methacrylate
Concen: 20.939 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 41 Resp: 33315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 78.2 | 63.4 | 95.0 |
| 39 | 64.2 | 47.1 | 70.7 |

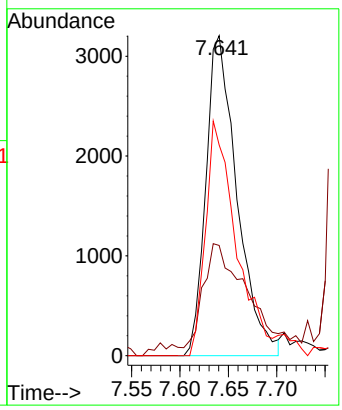





#49
1,4-Dioxane
Concen: 341.585 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 88 Resp: 718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 44.0 | 35.0 | 52.4 |
| 58 | 72.1 | 61.9 | 92.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

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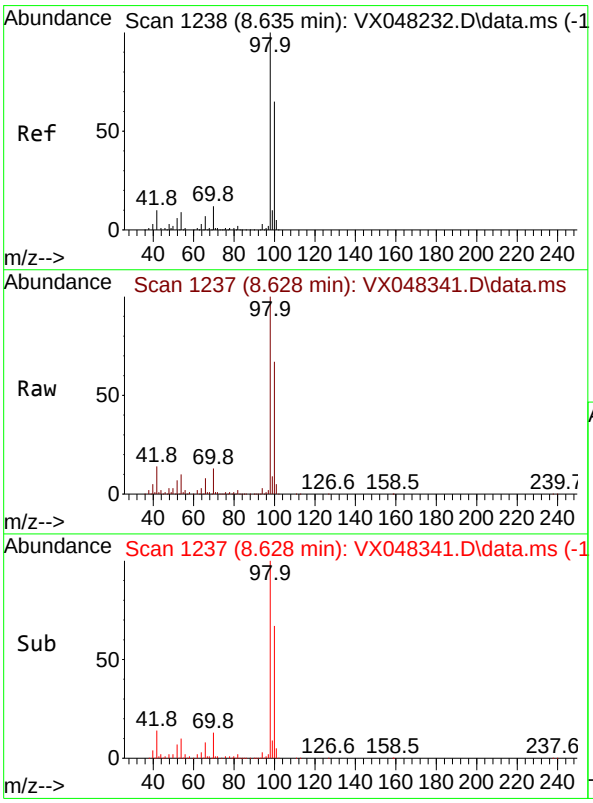
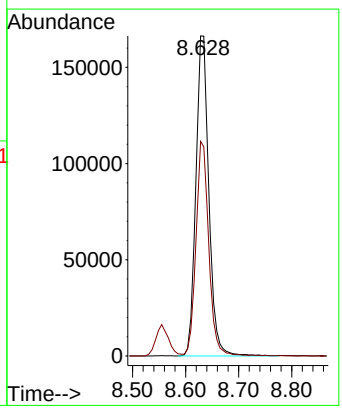
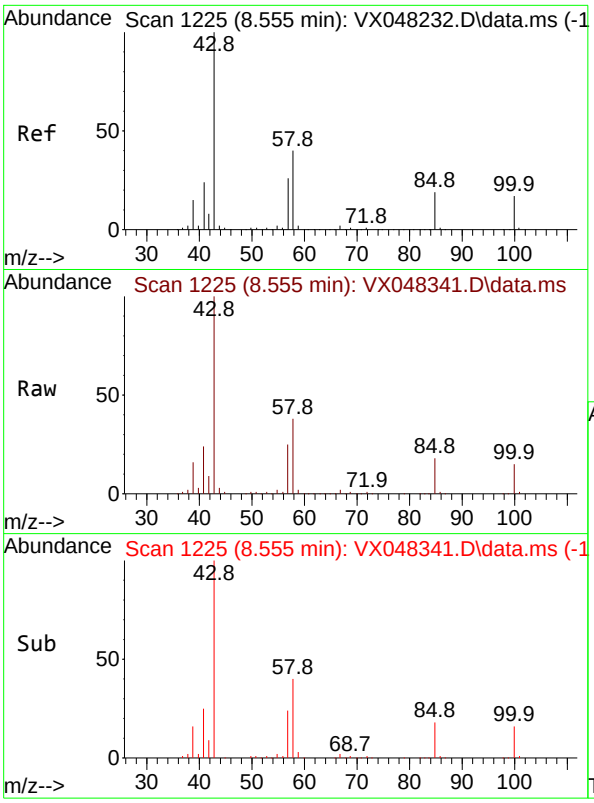



#50
Toluene-d8
Concen: 49.629 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 98 Resp: 283427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.7 | 53.0 | 79.4 |

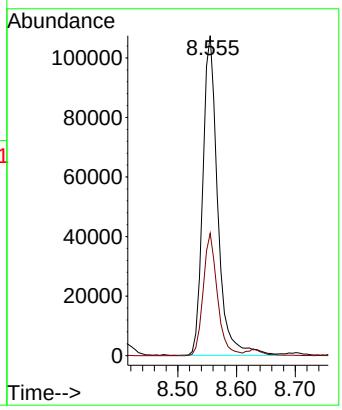





#51
4-Methyl-2-Pentanone
Concen: 104.240 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 189499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.4 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

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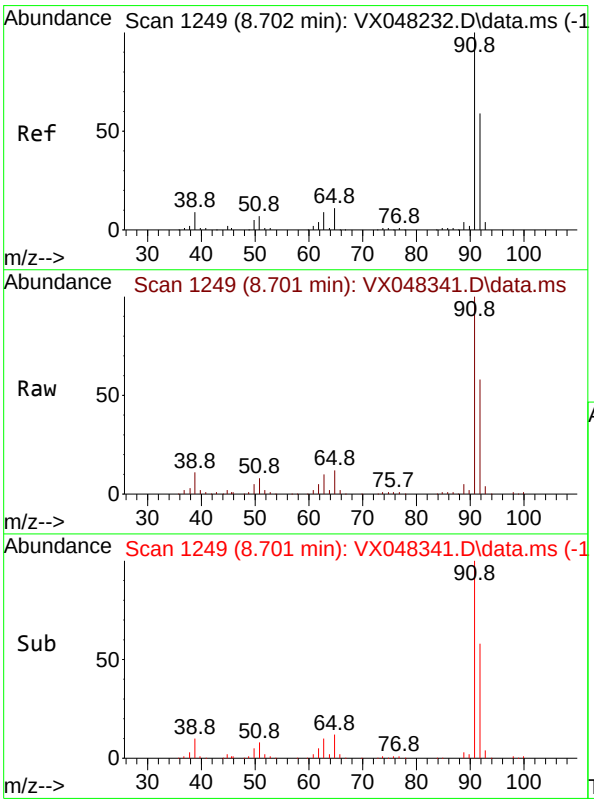
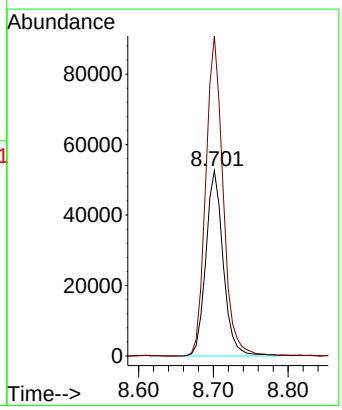
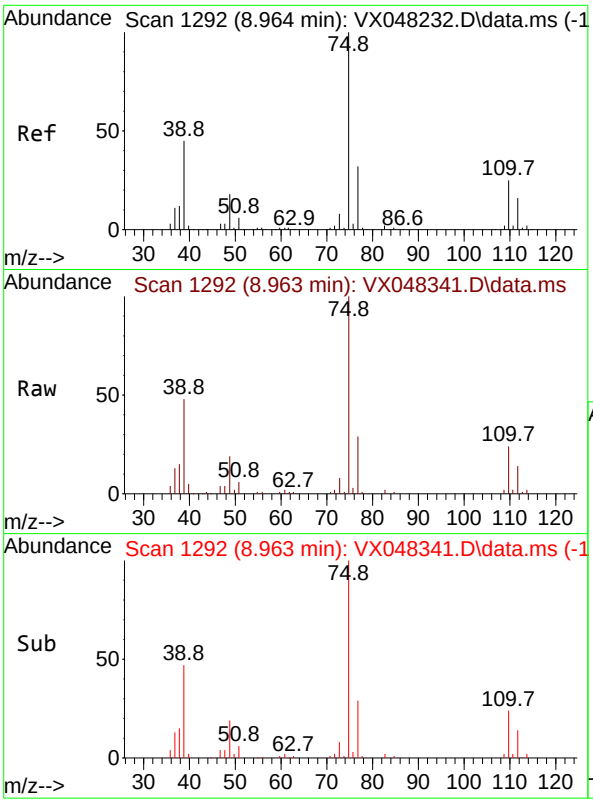



#52
Toluene
Concen: 19.859 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 92 Resp: 84824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.0 | 136.1 | 204.1 |

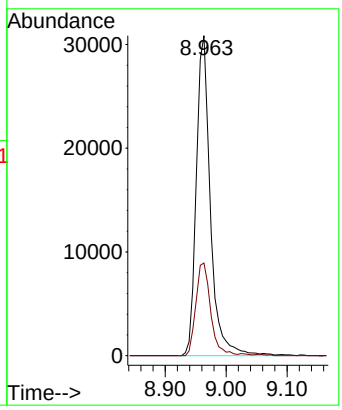





#53
t-1,3-Dichloropropene
Concen: 19.129 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 4956

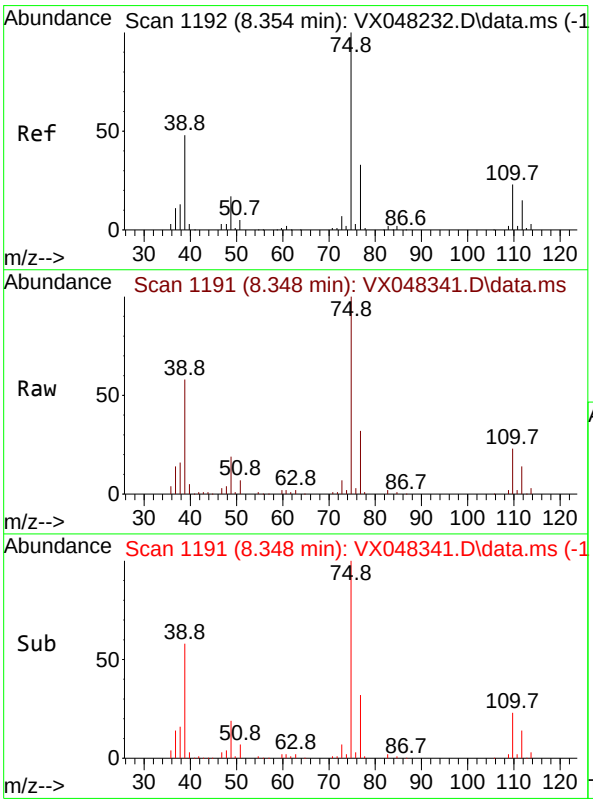
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 28.9 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

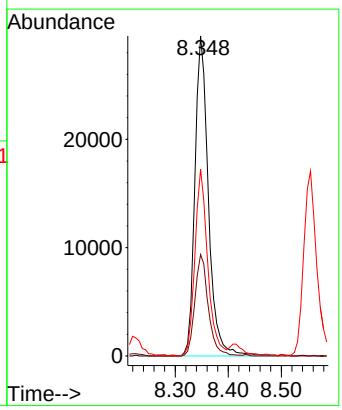
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

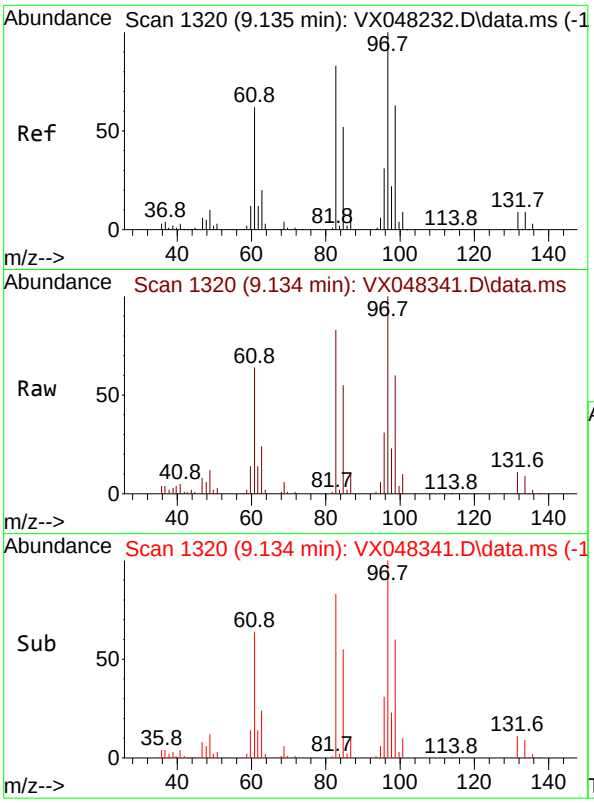



#54
cis-1,3-Dichloropropene
Concen: 18.668 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 52191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 24.9 | 37.3 |
| 39 | 58.2 | 42.6 | 64.0 |

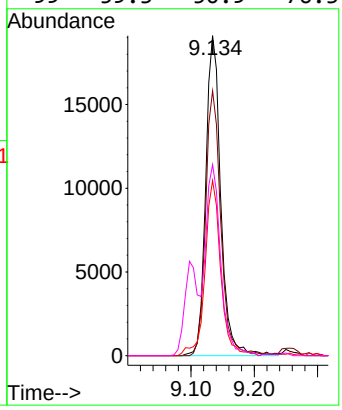





#55
1,1,2-Trichloroethane
Concen: 19.991 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 97 Resp: 3175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 82.8 | 70.6 | 105.8 |
| 85 | 54.7 | 45.0 | 67.6 |
| 99 | 59.3 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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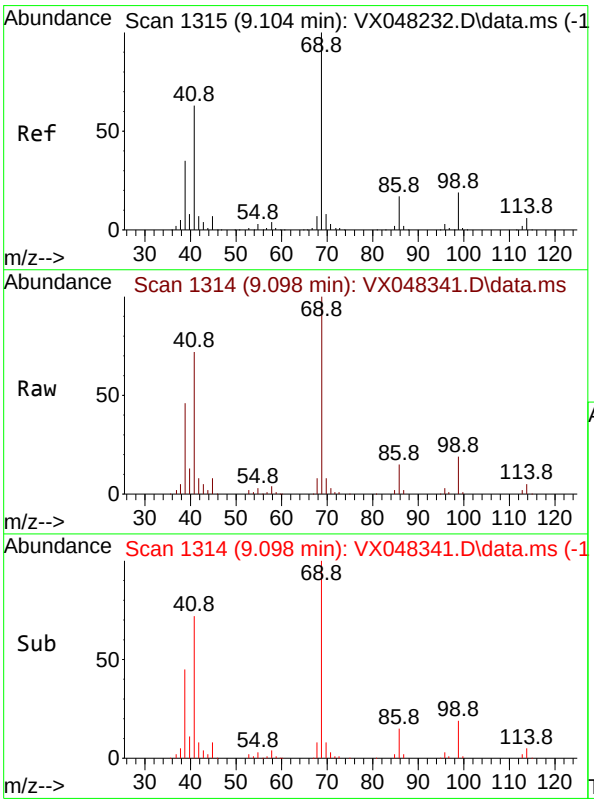
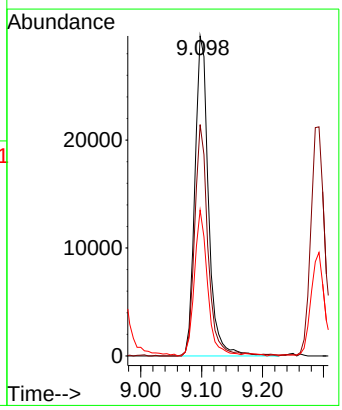
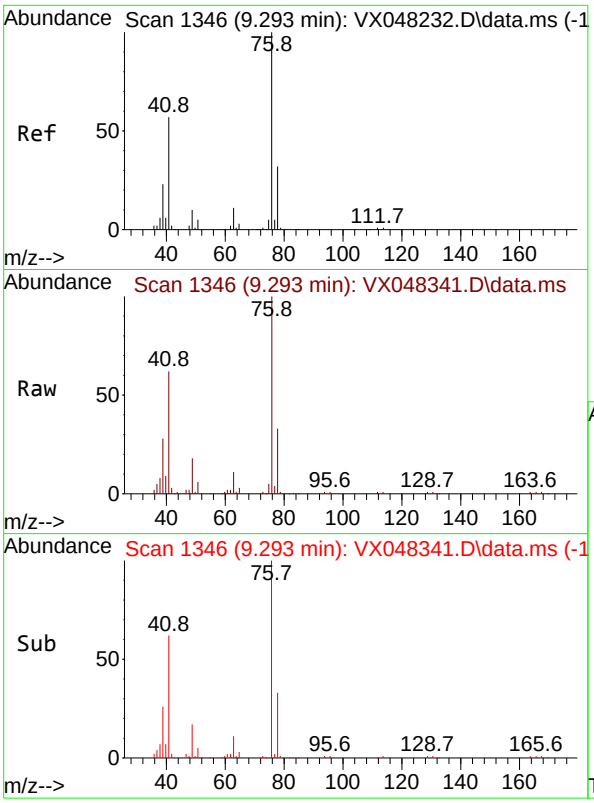



#56
Ethyl methacrylate
Concen: 19.789 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 69 Resp: 45976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 71.0 | 56.0 | 84.0 |
| 39 | 44.1 | 31.6 | 47.4 |






#57
1,3-Dichloropropane
Concen: 19.729 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 76 Resp: 5353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.6 | 25.4 | 38.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
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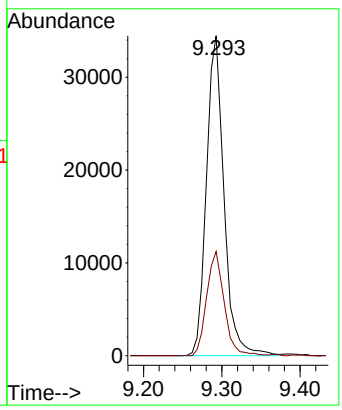
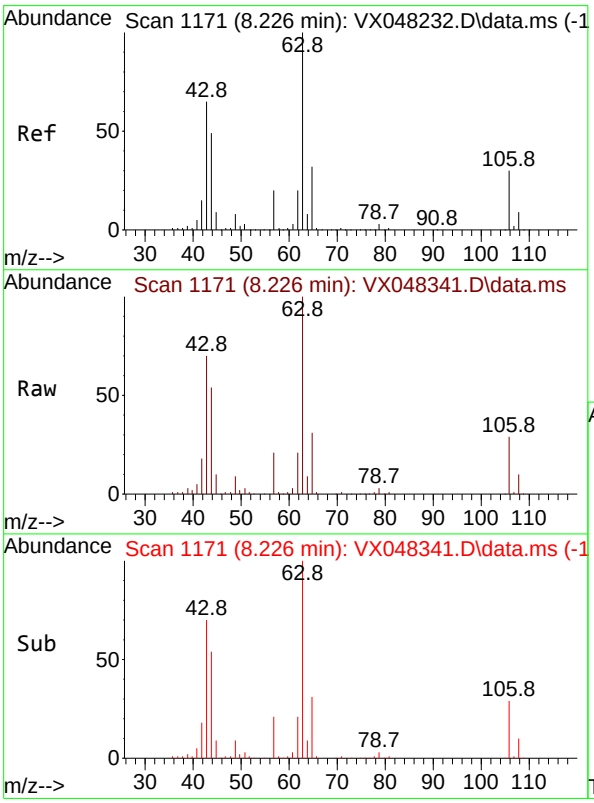
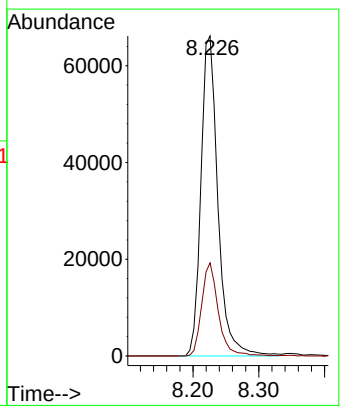


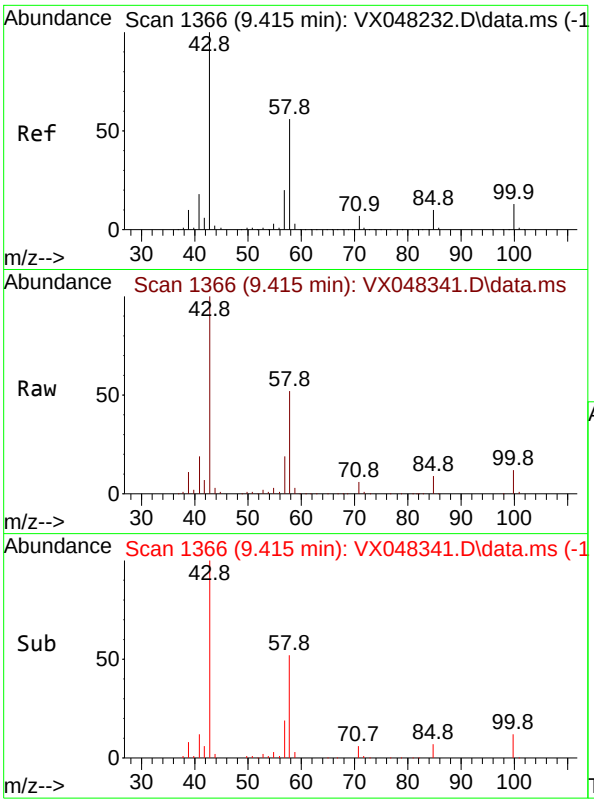




#58
2-Chloroethyl Vinyl ether
Concen: 96.012 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 63 Resp: 118629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.5 | 22.2 | 33.2 |

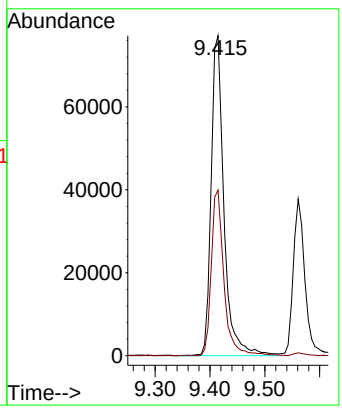





#59
2-Hexanone
Concen: 98.630 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 12502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.1 | 26.3 | 78.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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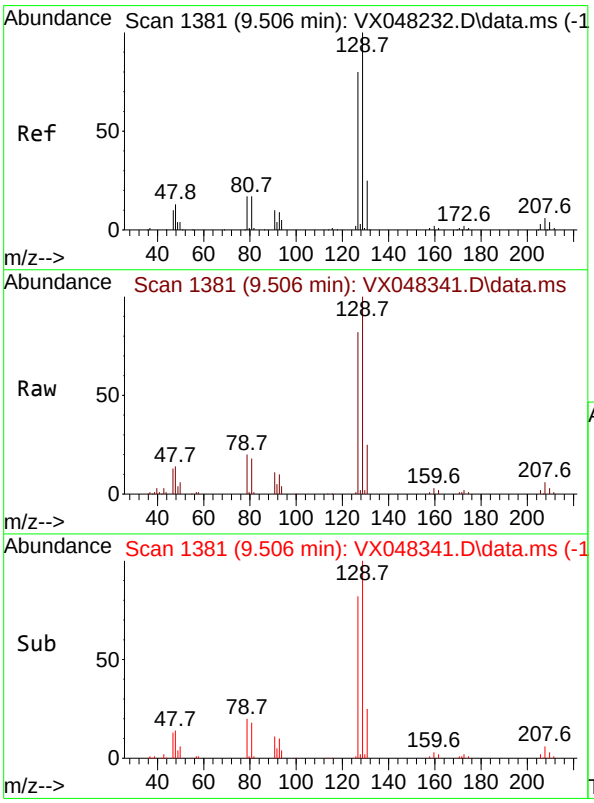
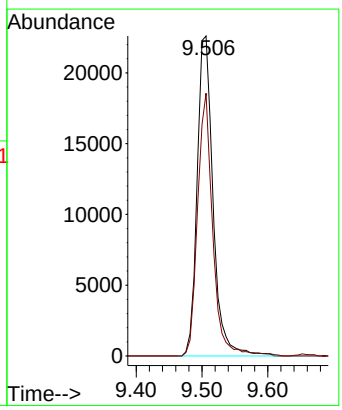
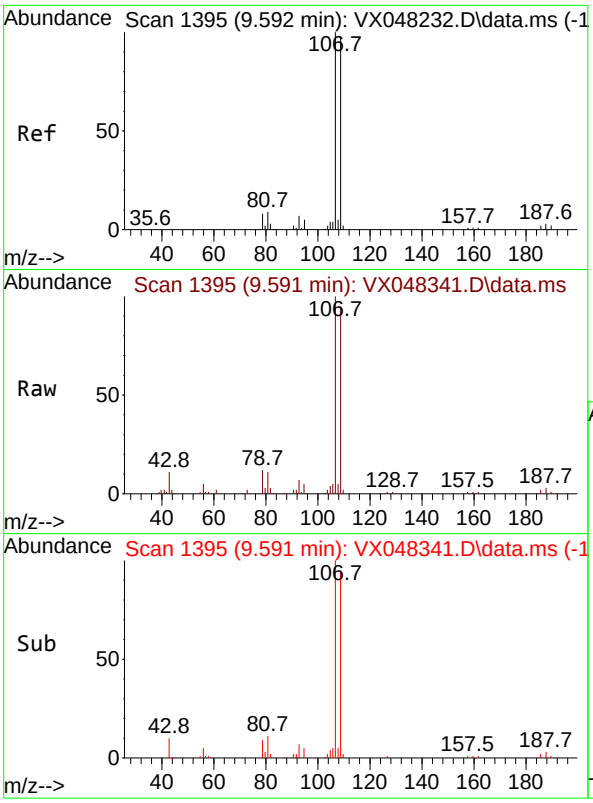



#60
Dibromochloromethane
Concen: 17.861 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:129 Resp: 38132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.1 | 38.6 | 115.7 |

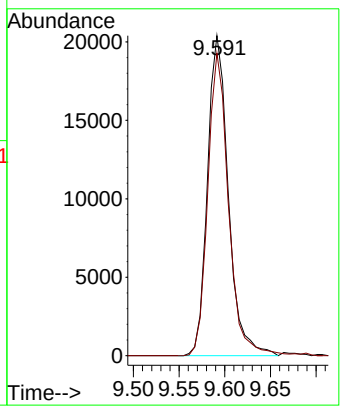





#61
1,2-Dibromoethane
Concen: 19.101 ug/l
RT: 9.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:107 Resp: 3234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.8 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

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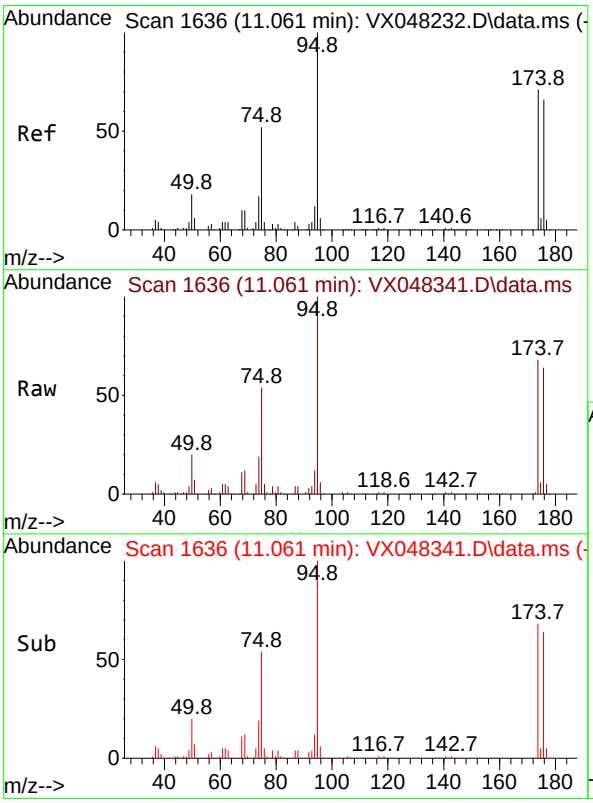
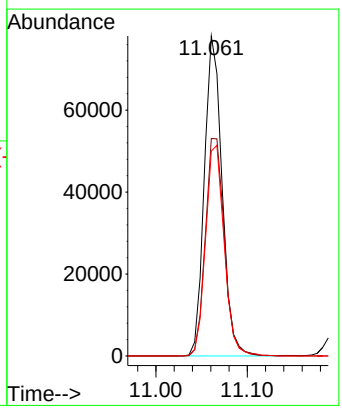
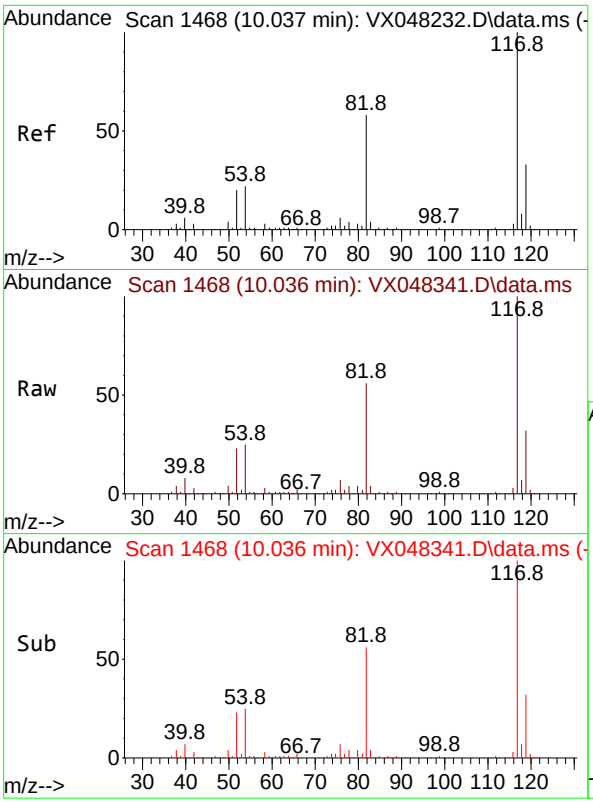



#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 95 Resp: 105010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.9 | 0.0 | 147.8 |
| 176 | 69.1 | 0.0 | 142.8 |

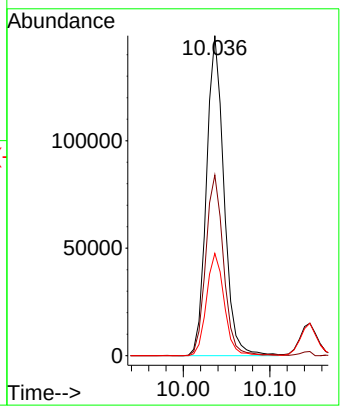





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:117 Resp: 20890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.4 | 46.5 | 69.7 |
| 119 | 32.0 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
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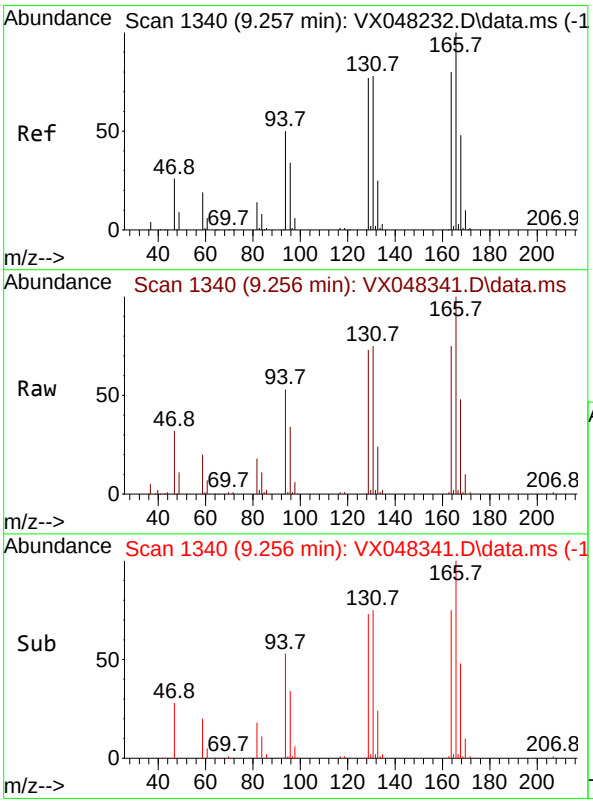
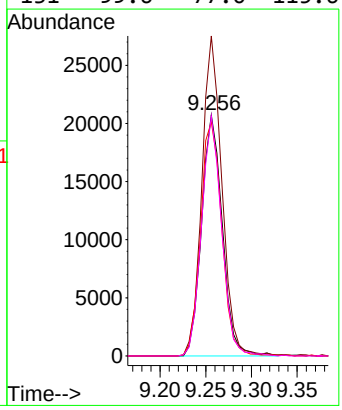
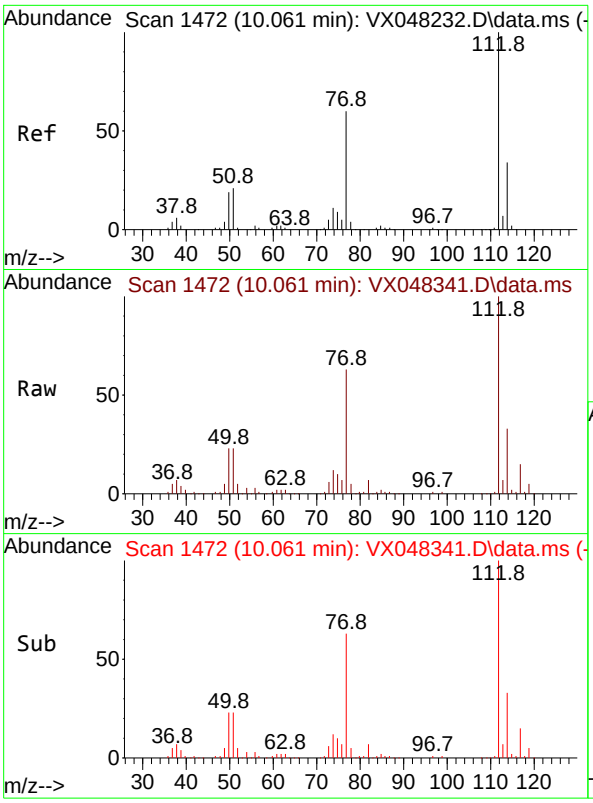



#64
Tetrachloroethene
Concen: 20.904 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:164 Resp: 32600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 132.8 | 104.5 | 156.7 |
| 129 | 97.2 | 81.8 | 122.6 |
| 131 | 99.6 | 77.0 | 115.6 |

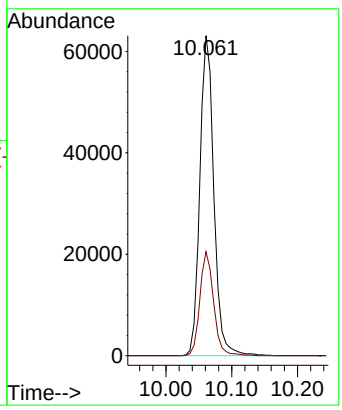





#65
Chlorobenzene
Concen: 19.844 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:112 Resp: 9325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 26.2 | 39.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

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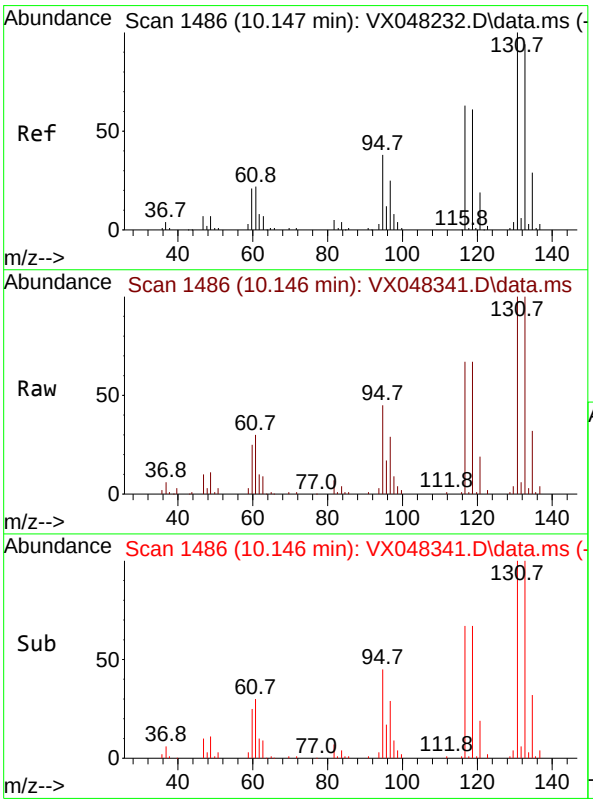
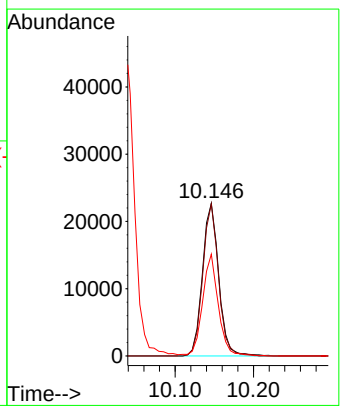
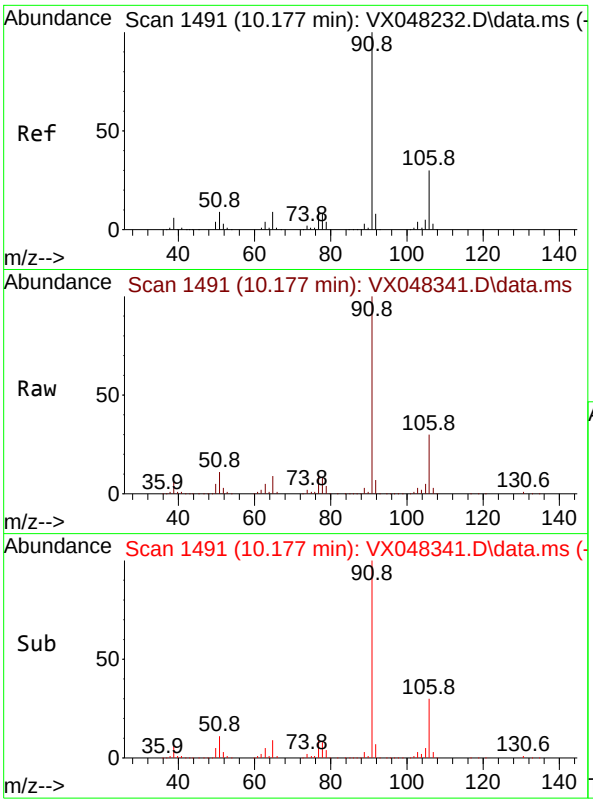



#66
1,1,1,2-Tetrachloroethane
Concen: 18.993 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:131 Resp: 32783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.1 | 47.6 | 142.8 |
| 119 | 64.4 | 32.5 | 97.5 |

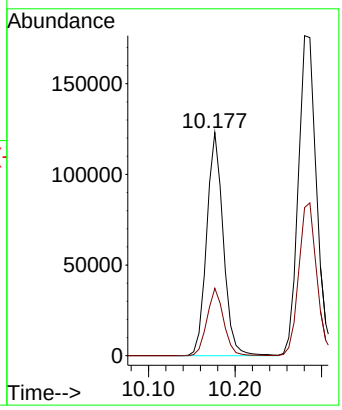





#67
Ethyl Benzene
Concen: 20.471 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 91 Resp: 16378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.2 | 23.8 | 35.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

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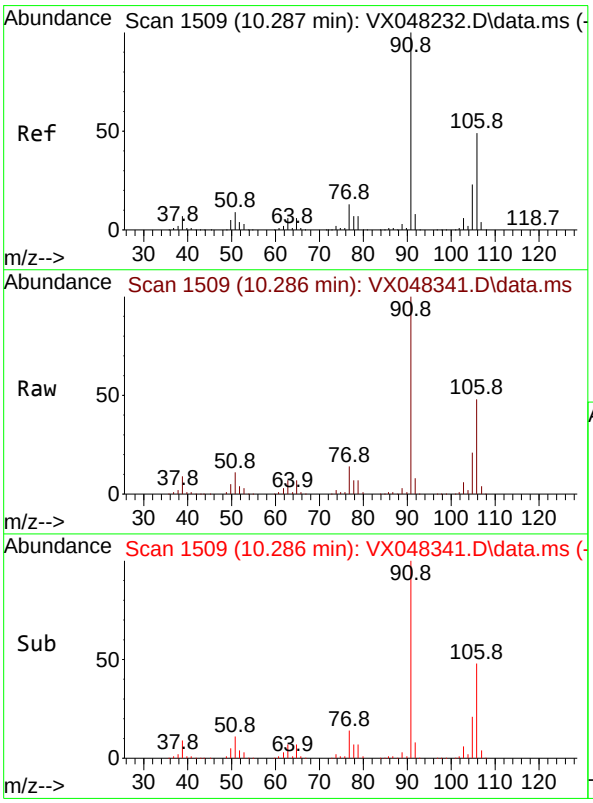
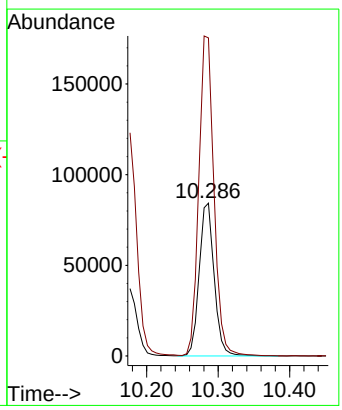
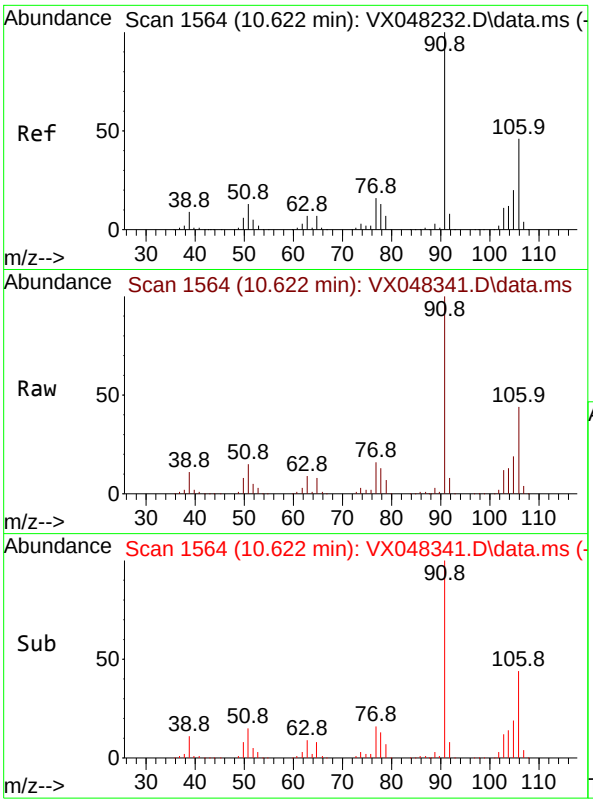



#68
m/p-Xylenes
Concen: 41.221 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:106 Resp: 122538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.9 | 167.9 | 251.9 |

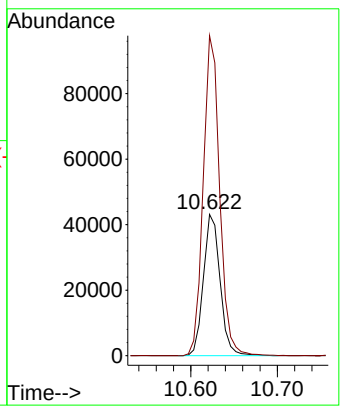





#69
o-Xylene
Concen: 20.085 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:106 Resp: 5764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.3 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

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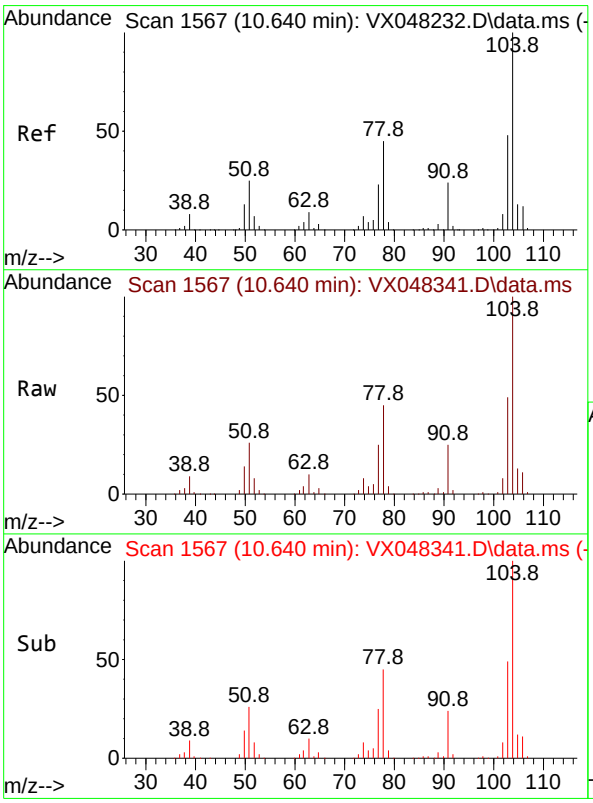
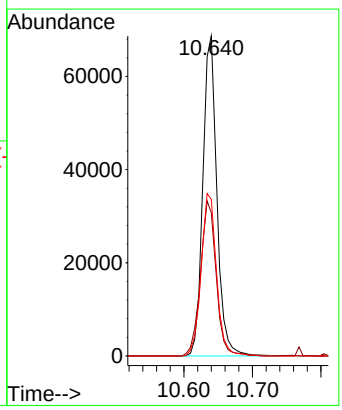
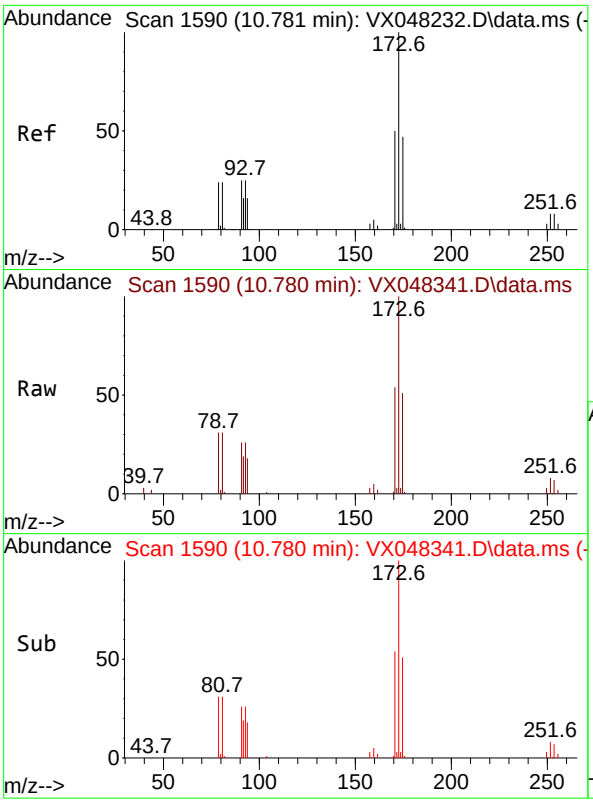



#70
Styrene
Concen: 20.079 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:104 Resp: 98123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.9 | 42.2 | 63.4 |
| 103 | 55.4 | 43.0 | 64.4 |

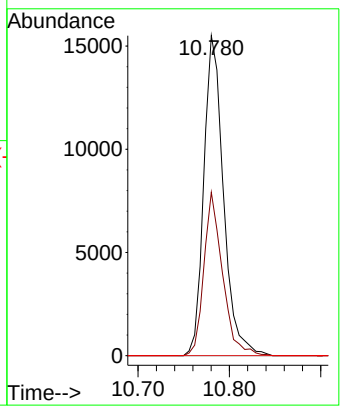





#71
Bromoform
Concen: 16.790 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:173 Resp: 2316

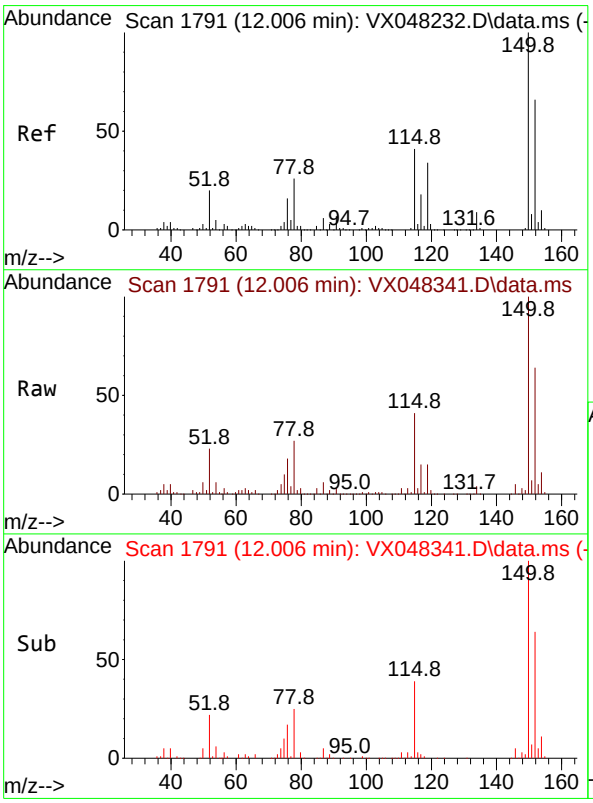
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

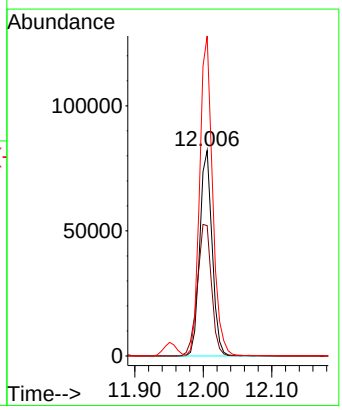
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

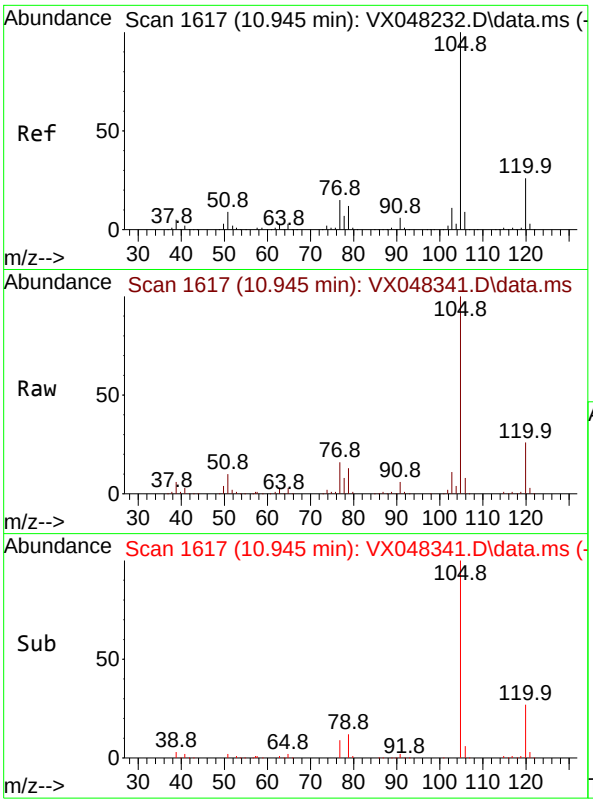



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:152 Resp: 103563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 73.0 | 43.1 | 129.4 |
| 150 | 162.2 | 0.0 | 353.0 |

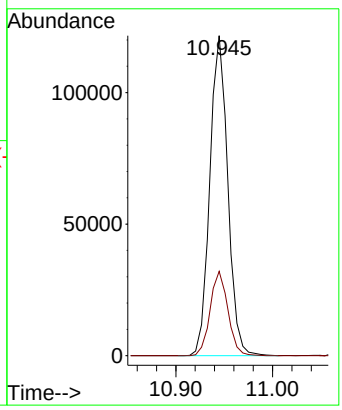





#73
Isopropylbenzene
Concen: 20.669 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:105 Resp: 15634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.1 | 13.0 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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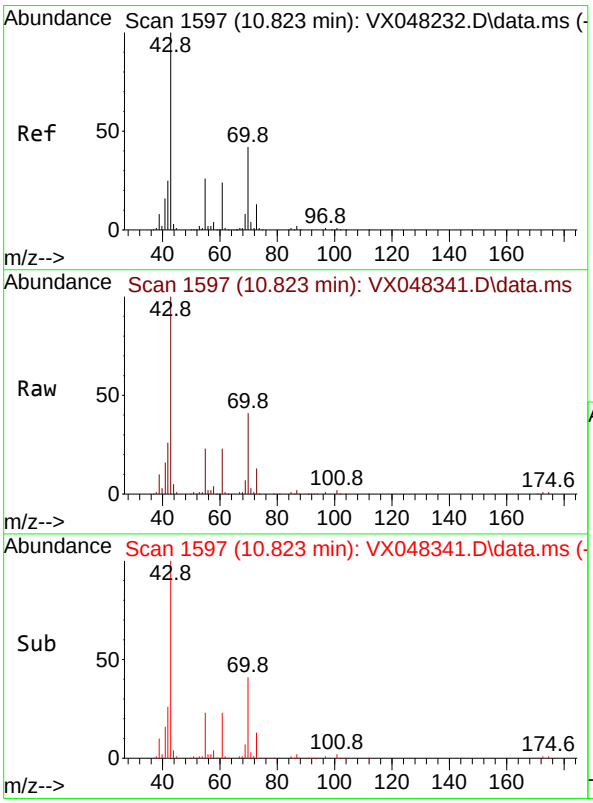
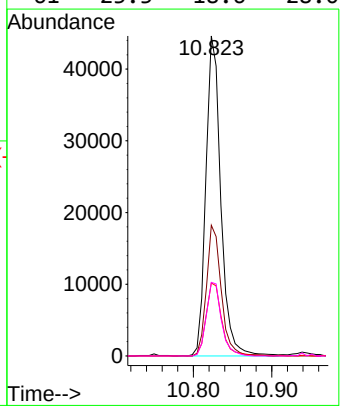
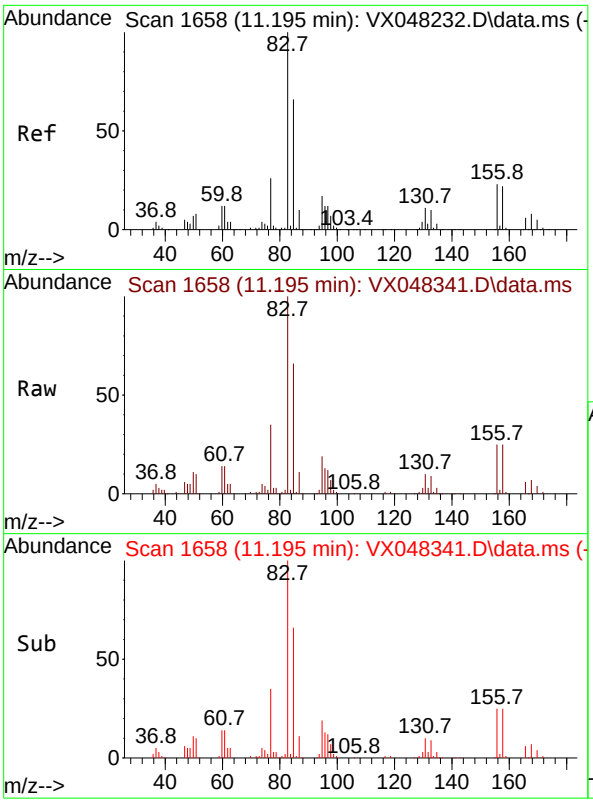



#74
N-amyl acetate
Concen: 21.985 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 58990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 40.4 | 32.2 | 48.2 |
| 55 | 23.8 | 19.1 | 28.7 |
| 61 | 23.3 | 18.6 | 28.0 |






#75
1,1,2,2-Tetrachloroethane
Concen: 19.317 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

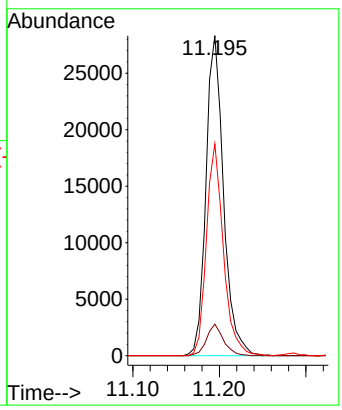
Tgt Ion: 83 Resp: 3990

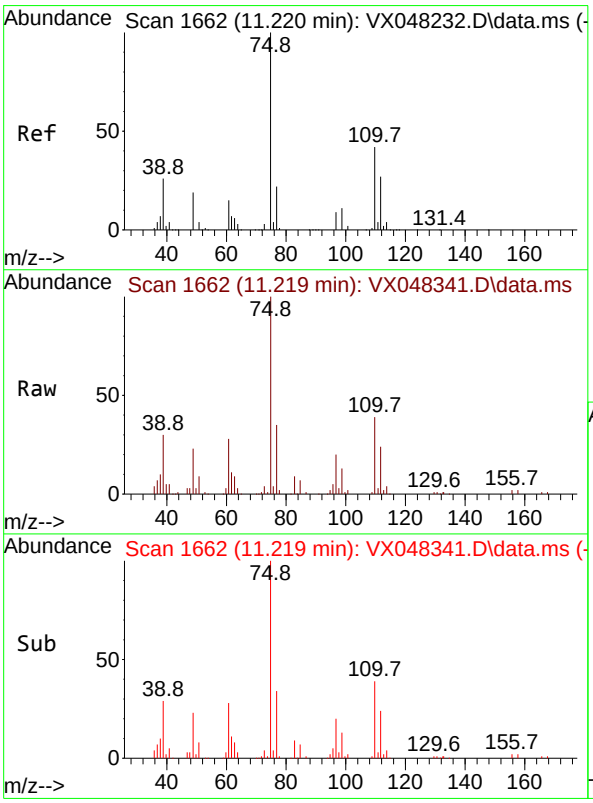
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.5 | 4.8 | 14.4 |
| 85 | 64.0 | 31.9 | 95.7 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

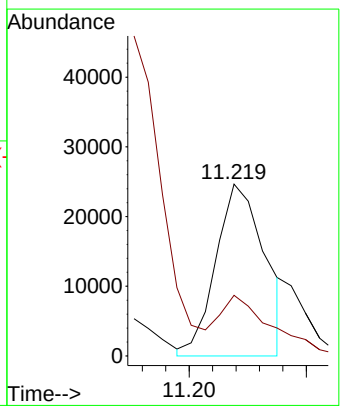


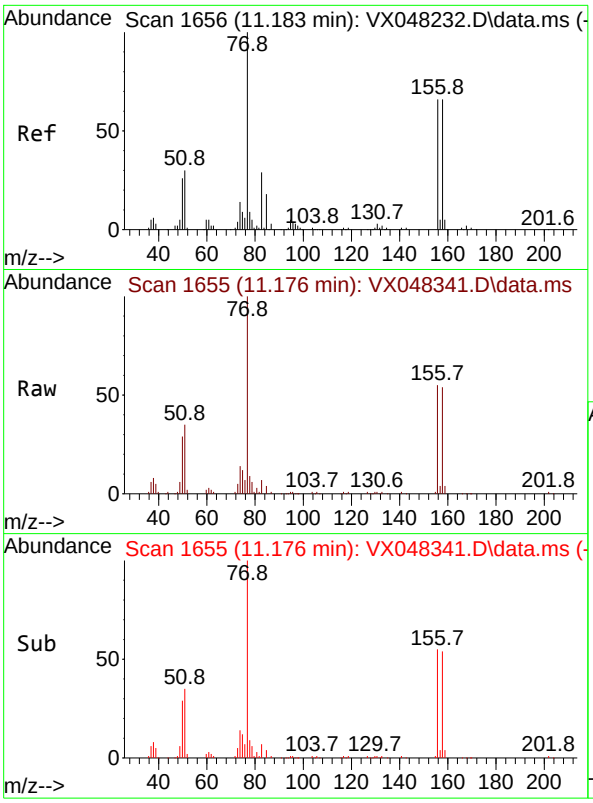




#76
1,2,3-Trichloropropane
Concen: 21.358 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 35869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.8 | 22.4 | 67.2 |






#77
Bromobenzene
Concen: 19.039 ug/l
RT: 11.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

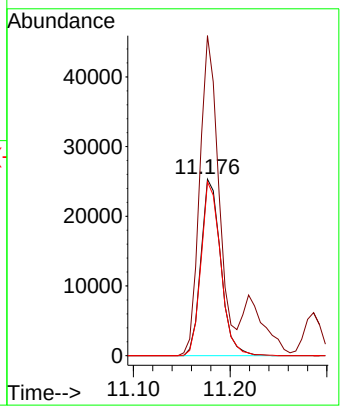
Tgt Ion:156 Resp: 3611

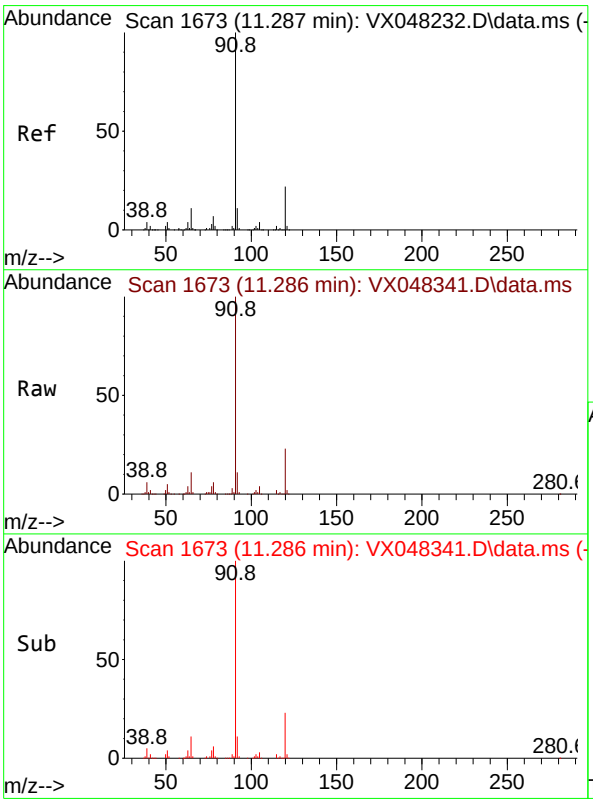
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 175.7 | 87.0 | 261.0 |
| 158 | 97.8 | 47.8 | 143.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

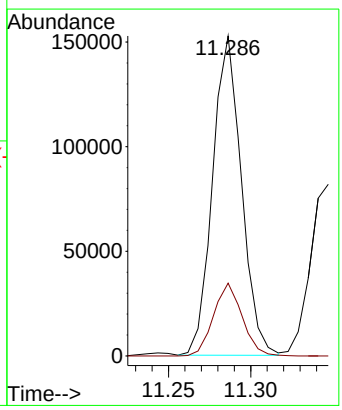


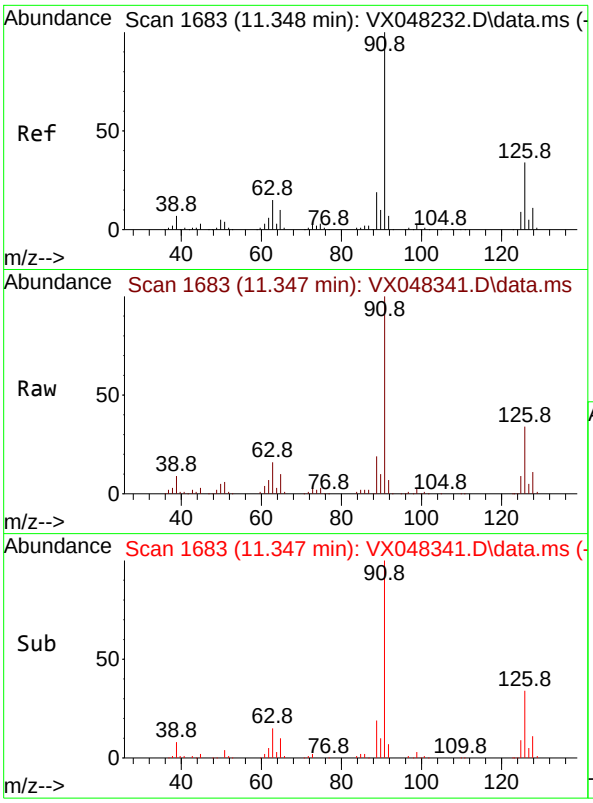




#78
n-propylbenzene
Concen: 21.269 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 91 Resp: 186273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.6 | 11.1 | 33.1 |






#79
2-Chlorotoluene
Concen: 20.949 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

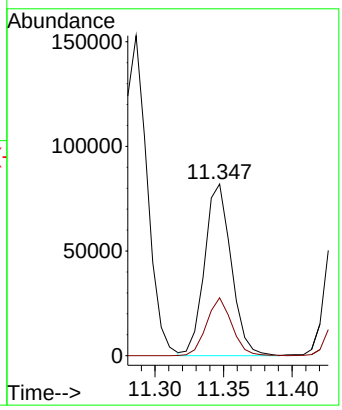
Tgt Ion: 91 Resp: 11124

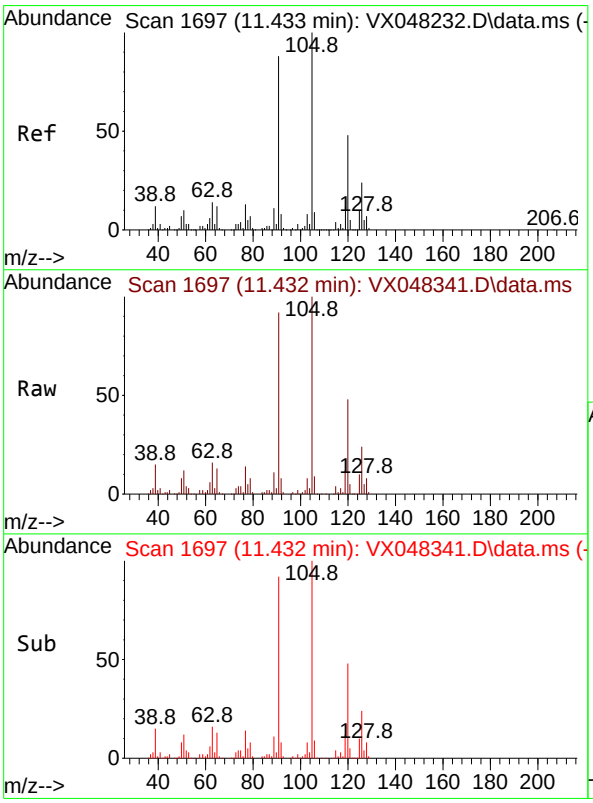
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.9 | 16.4 | 49.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

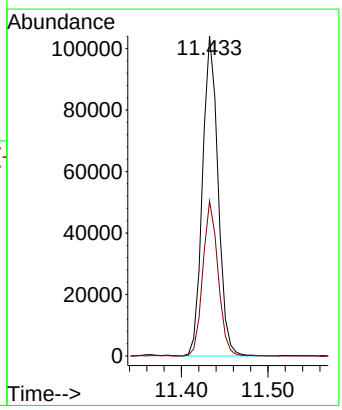


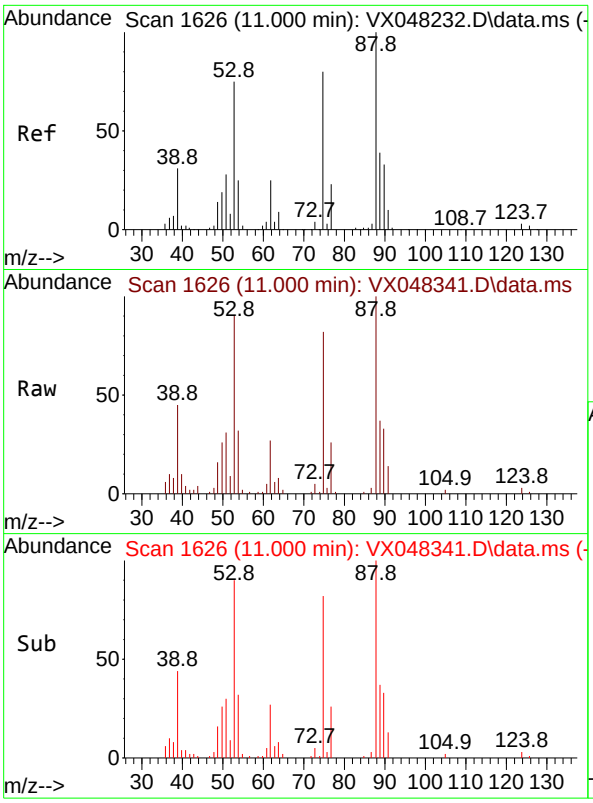




#80
1,3,5-Trimethylbenzene
Concen: 20.733 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:105 Resp: 129782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.5 | 24.0 | 72.0 |

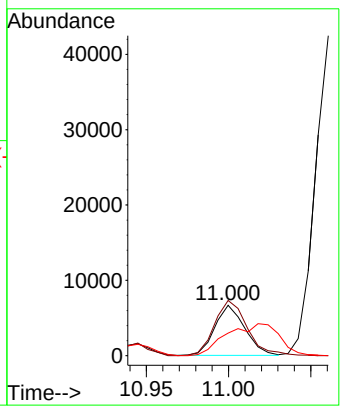





#81
trans-1,4-Dichloro-2-butene
Concen: 12.159 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

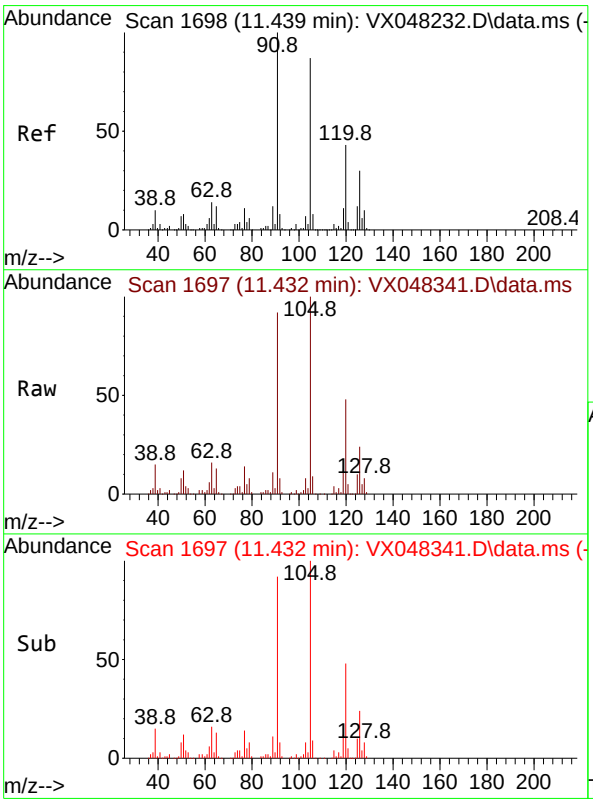
Tgt Ion: 75 Resp: 839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 121.3 | 79.5 | 119.3# |
| 89 | 113.0 | 36.8 | 55.2# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

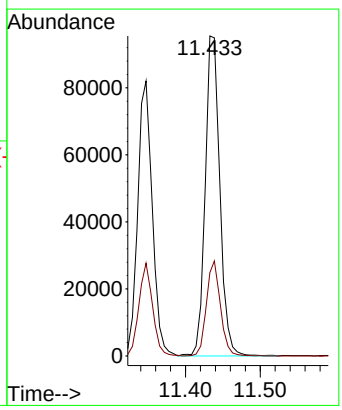
**Manual Integrations APPROVED**
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

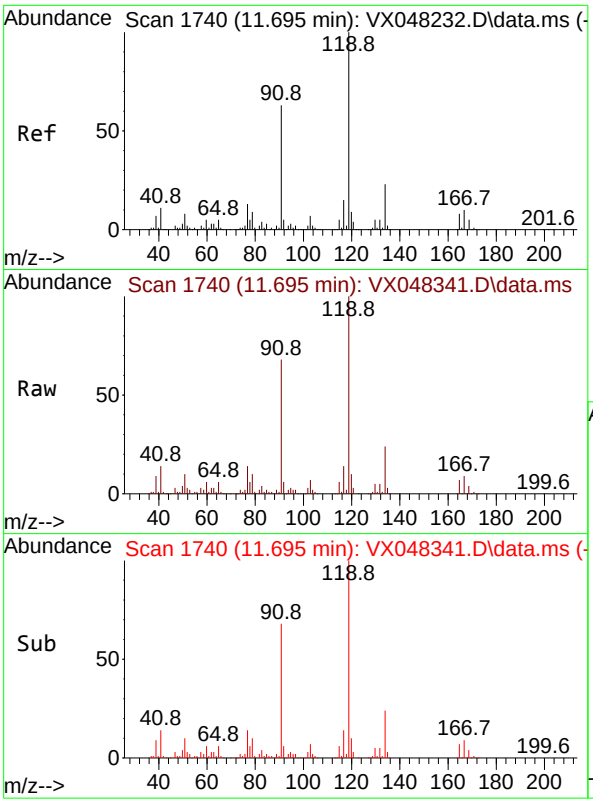



#82
4-Chlorotoluene
Concen: 20.615 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 91 Resp: 129943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.3 | 14.1 | 42.4 |

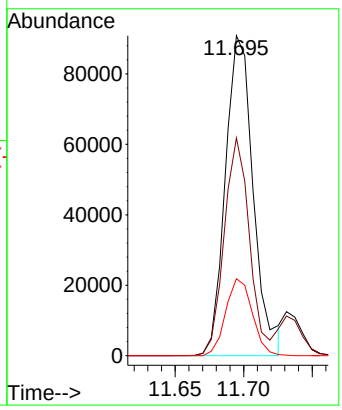





#83
tert-Butylbenzene
Concen: 20.049 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:119 Resp: 12895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 61.7 | 30.3 | 91.0 |
| 134 | 22.9 | 11.4 | 34.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/27/2025
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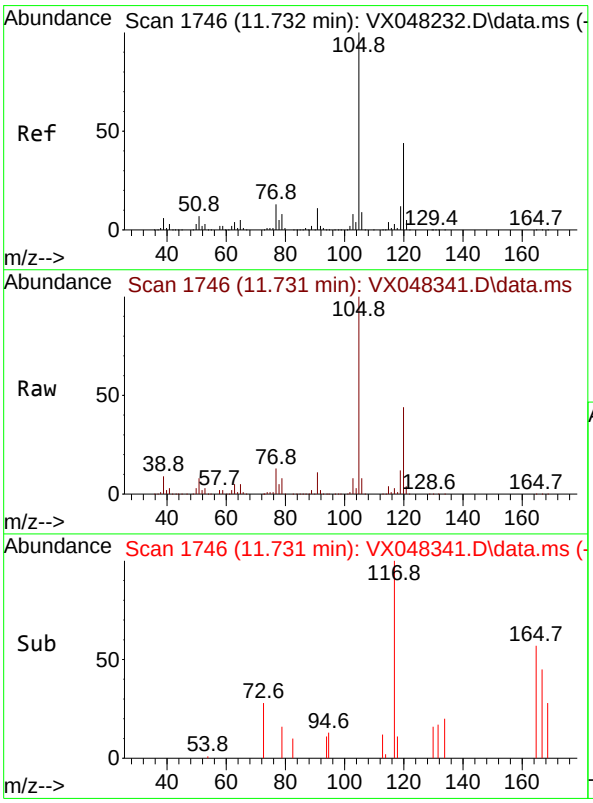
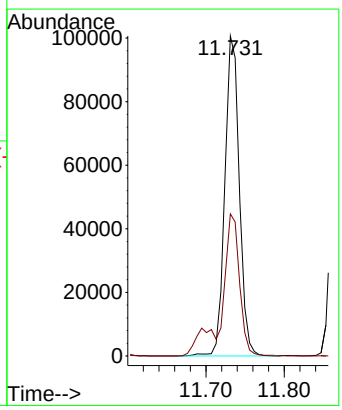
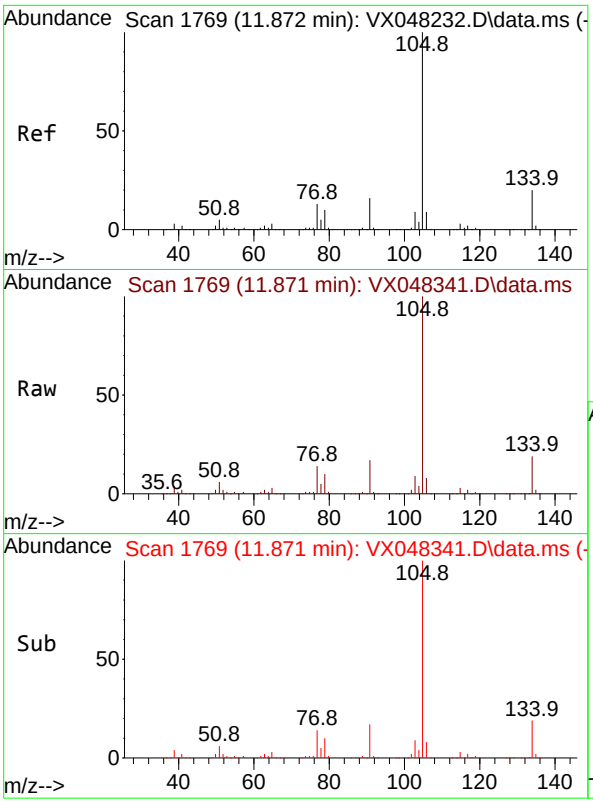



#84
1,2,4-Trimethylbenzene
Concen: 20.720 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:105 Resp: 129443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.8 | 22.1 | 66.5 |

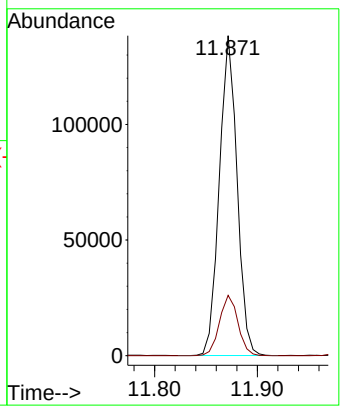





#85
sec-Butylbenzene
Concen: 21.376 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:105 Resp: 16540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.7 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

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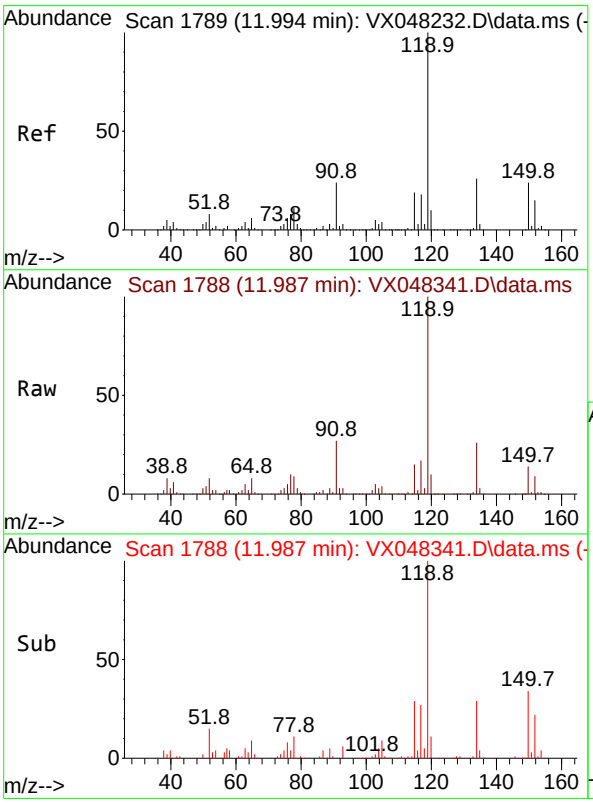
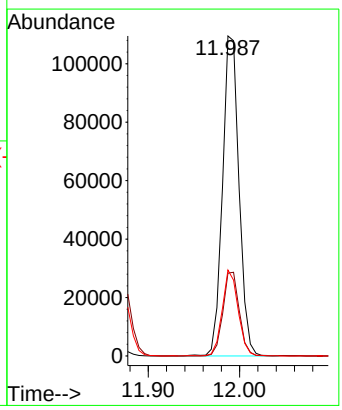
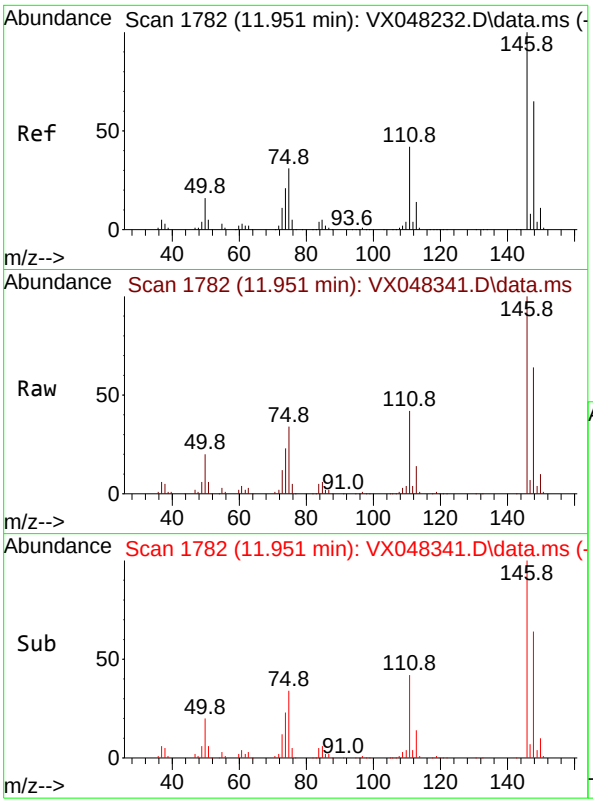



#86
p-Isopropyltoluene
Concen: 20.599 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:119 Resp: 137775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.0 | 13.0 | 39.0 |
| 91 | 25.8 | 12.1 | 36.3 |

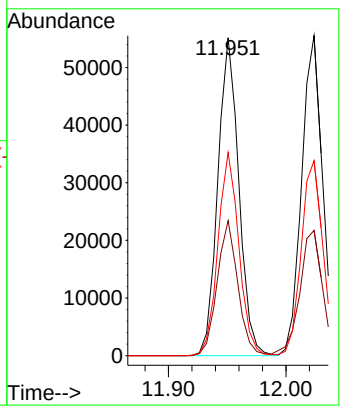





#87
1,3-Dichlorobenzene
Concen: 19.162 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:146 Resp: 6851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 20.4 | 61.2 |
| 148 | 63.8 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/27/2025
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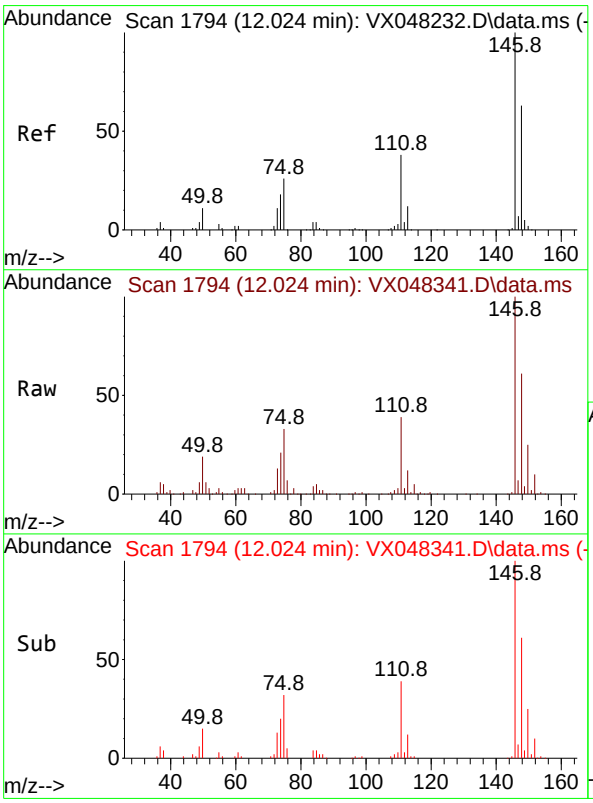
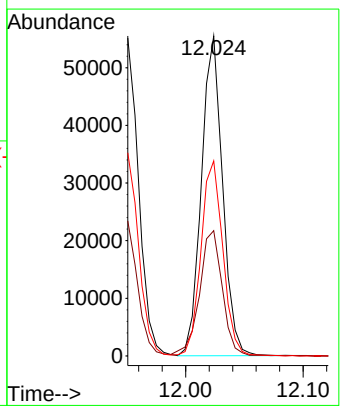
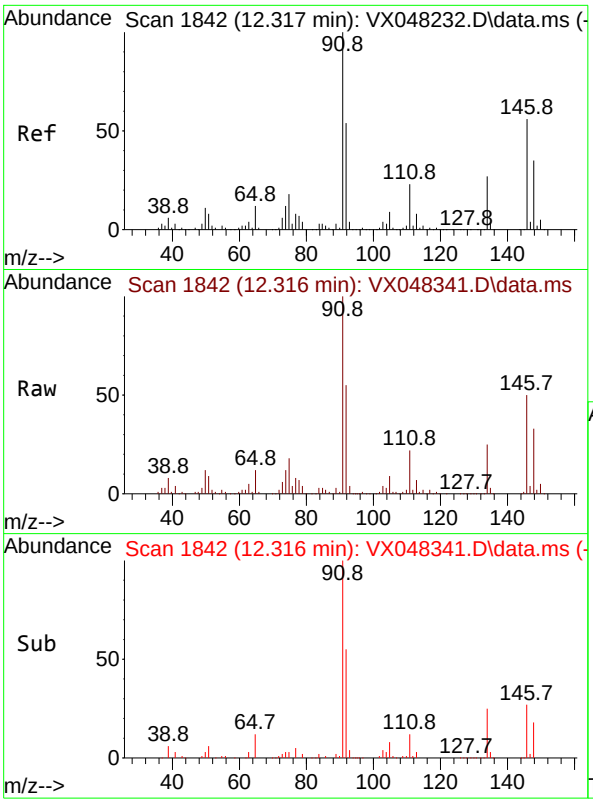



#88
1,4-Dichlorobenzene
Concen: 18.745 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:146 Resp: 69433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.0 | 20.1 | 60.2 |
| 148 | 63.4 | 31.8 | 95.3 |

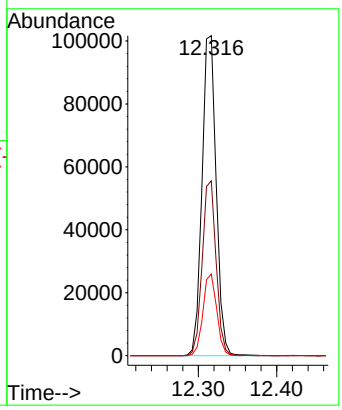





#89
n-Butylbenzene
Concen: 20.961 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 91 Resp: 12760

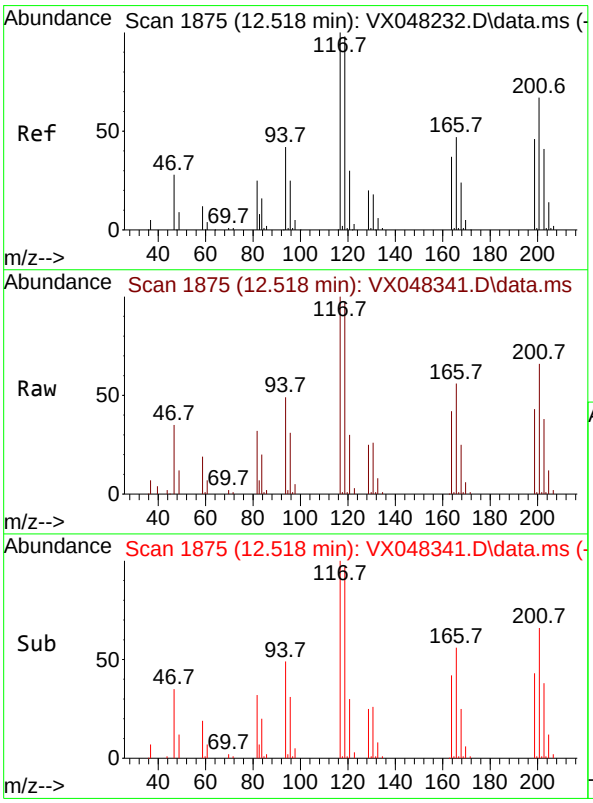
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.6 | 26.9 | 80.6 |
| 134 | 24.8 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

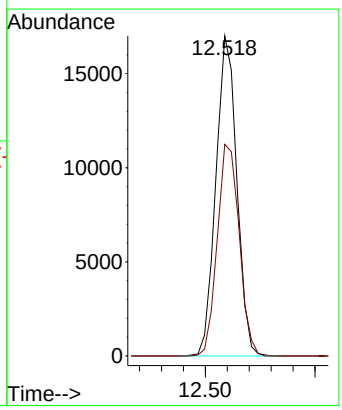
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

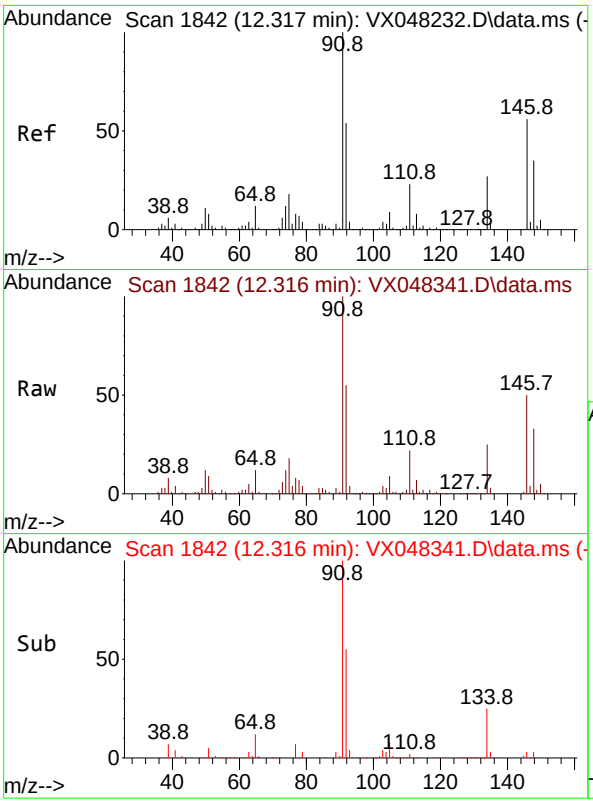



#90
Hexachloroethane
Concen: 17.074 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:117 Resp: 22551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 69.2 | 34.1 | 102.2 |

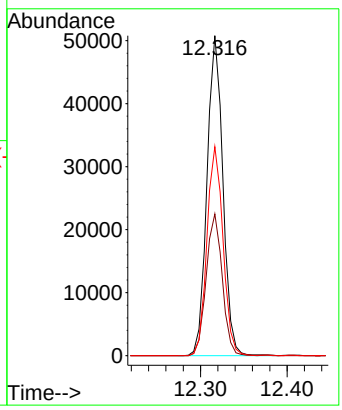





#91
1,2-Dichlorobenzene
Concen: 19.258 ug/l
RT: 12.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:146 Resp: 6465

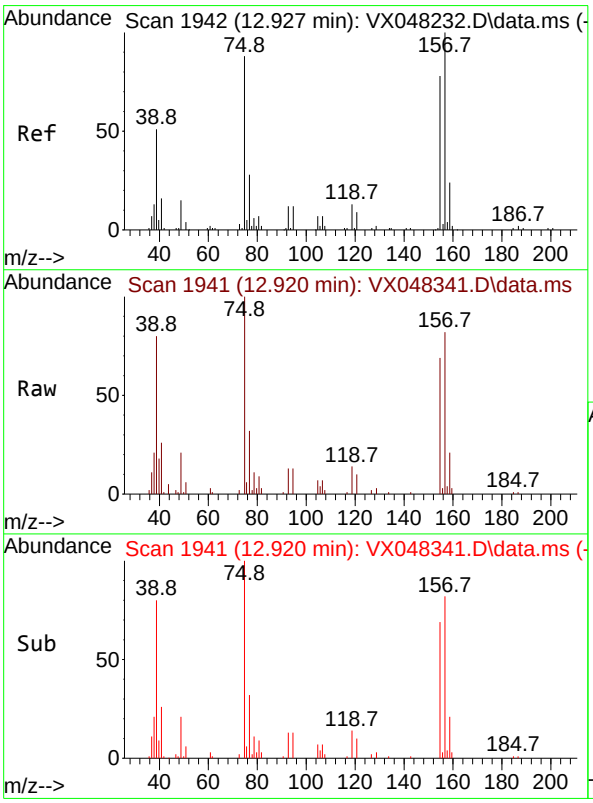
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.8 | 21.9 | 65.5 |
| 148 | 66.1 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

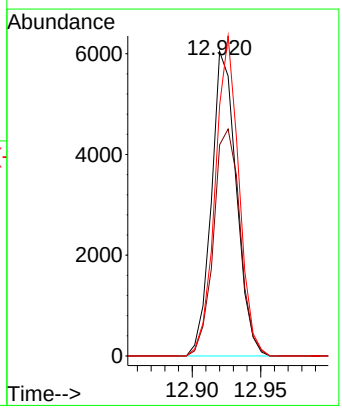
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

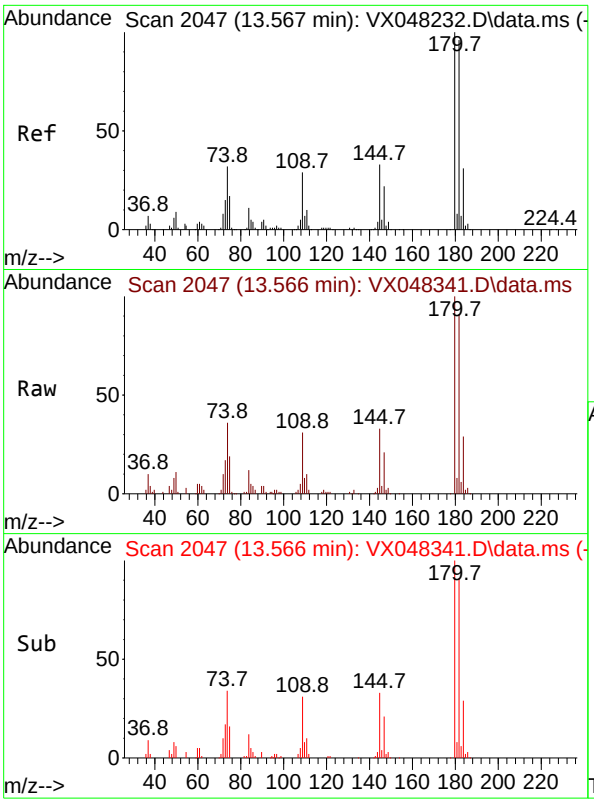



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.235 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 7646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 79.2 | 42.8 | 128.4 |
| 157 | 99.5 | 54.2 | 162.6 |

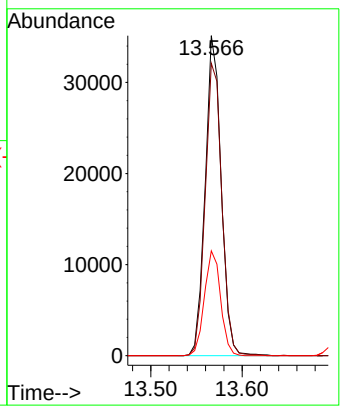





#93
1,2,4-Trichlorobenzene
Concen: 18.762 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:180 Resp: 4259

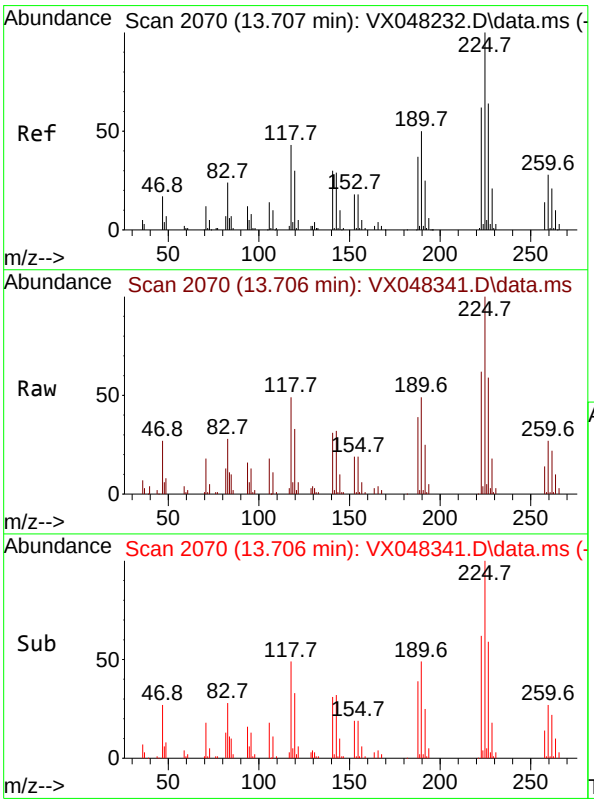
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 47.3 | 142.0 |
| 145 | 33.1 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

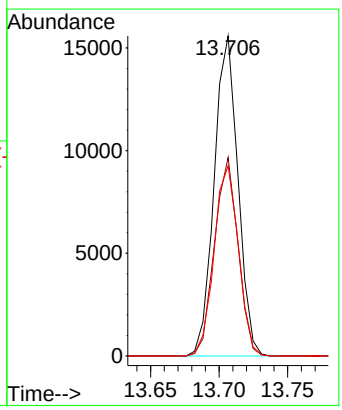
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

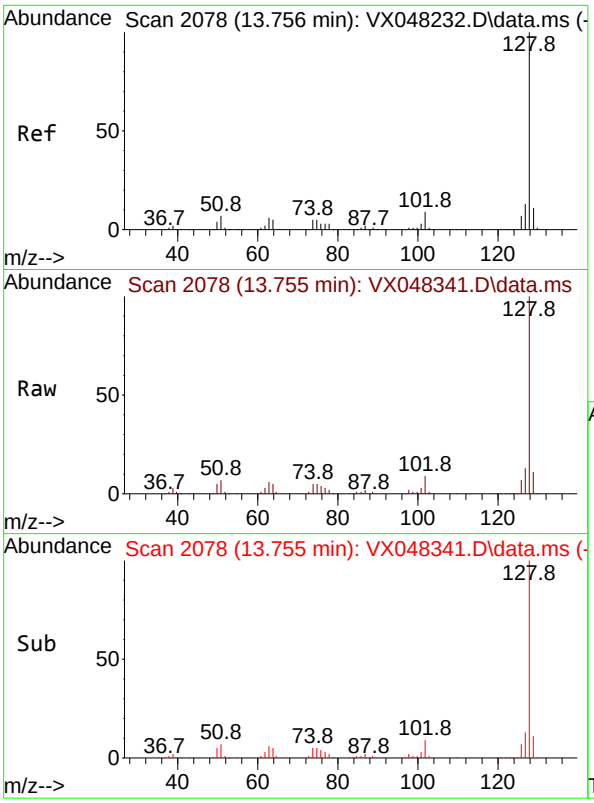



#94
Hexachlorobutadiene
Concen: 22.108 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:225 Resp: 18776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.2 | 32.6 | 97.7 |
| 227 | 60.8 | 32.5 | 97.4 |

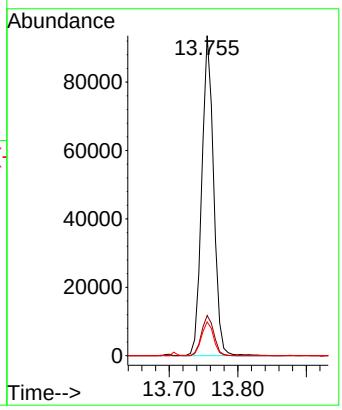





#95
Naphthalene
Concen: 18.747 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:128 Resp: 11275

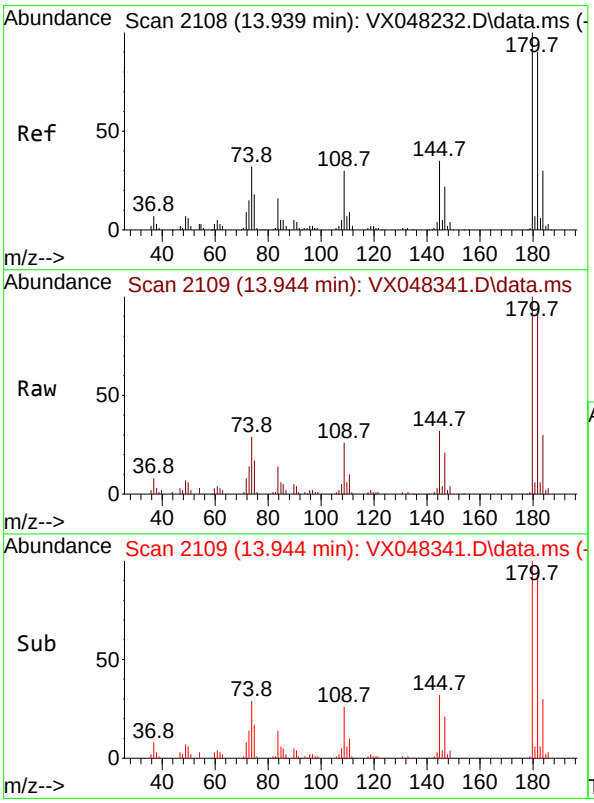
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.4 |
| 129 | 10.8 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

**Manual Integrations APPROVED**

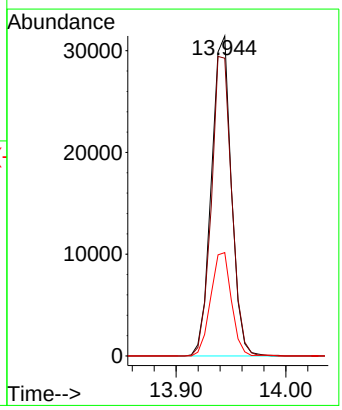
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025




#96
1,2,3-Trichlorobenzene
Concen: 19.115 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:180 Resp: 39822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 46.6 | 139.7 |
| 145 | 33.6 | 16.9 | 50.7 |



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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | |
| Client Sample ID: | VX1022WBSD01 | SDG No.: | Q3399 |
| Lab Sample ID: | VX1022WBSD01 | Matrix: | TCLP |
| Analytical Method: | 8260D Level: LOW | % Solid: | 0 |
| Sample Wt/Vol: | 5 mL Final Vol: 5000 uL | Test: | TCLP VOA |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 75-01-4 | Vinyl Chloride | 17.8 | | 1 | 0.26 | 0.75 | 1.00 | ug/L | 10/22/25 10:18 | VX102225 |
| 75-35-4 | 1,1-Dichloroethene | 17.0 | | 1 | 0.23 | 0.75 | 1.00 | ug/L | 10/22/25 10:18 | VX102225 |
| 78-93-3 | 2-Butanone | 88.8 | | 1 | 0.98 | 2.50 | 5.00 | ug/L | 10/22/25 10:18 | VX102225 |
| 56-23-5 | Carbon Tetrachloride | 18.3 | | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/22/25 10:18 | VX102225 |
| 67-66-3 | Chloroform | 19.2 | | 1 | 0.25 | 0.50 | 1.00 | ug/L | 10/22/25 10:18 | VX102225 |
| 71-43-2 | Benzene | 18.6 | | 1 | 0.15 | 0.50 | 1.00 | ug/L | 10/22/25 10:18 | VX102225 |
| 107-06-2 | 1,2-Dichloroethane | 19.6 | | 1 | 0.22 | 0.50 | 1.00 | ug/L | 10/22/25 10:18 | VX102225 |
| 79-01-6 | Trichloroethene | 18.8 | | 1 | 0.090 | 0.75 | 1.00 | ug/L | 10/22/25 10:18 | VX102225 |
| 127-18-4 | Tetrachloroethene | 18.3 | | 1 | 0.23 | 0.50 | 1.00 | ug/L | 10/22/25 10:18 | VX102225 |
| 108-90-7 | Chlorobenzene | 19.1 | | 1 | 0.12 | 0.50 | 1.00 | ug/L | 10/22/25 10:18 | VX102225 |
| **SURROGATES** | | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 49.3 | | | 81 - 118 | | 99% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 49.3 | | | 80 - 119 | | 99% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 49.2 | | | 89 - 112 | | 98% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 49.4 | | | 85 - 114 | | 99% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 120000 | | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 196000 | | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 181000 | | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 92300 | | | | | | | | |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.532 | 168 | 120104 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 195961 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 180624 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 92297 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 82990 | 49.283 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 98.560% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 65947 | 49.295 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 98.580% | | | |
| 50) Toluene-d8 | 8.629 | 98 | 230741 | 49.207 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 98.420% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 88101 | 49.387 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 98.780% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 23340 | 18.904 | ug/l | 96 |
| 3) Chloromethane | 1.301 | 50 | 22183 | 19.248 | ug/l | 98 |
| 4) Vinyl Chloride | 1.380 | 62 | 18991 | 17.795 | ug/l | 99 |
| 5) Bromomethane | 1.618 | 94 | 12429 | 17.161 | ug/l | 99 |
| 6) Chloroethane | 1.697 | 64 | 10355 | 16.512 | ug/l # | 86 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 36108 | 17.642 | ug/l | 96 |
| 8) Diethyl Ether | 2.136 | 74 | 9485 | 16.470 | ug/l | 90 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 23134 | 17.849 | ug/l | 95 |
| 10) Methyl Iodide | 2.453 | 142 | 29973 | 18.396 | ug/l | 97 |
| 11) Tert butyl alcohol | 2.941 | 59 | 12474 | 74.608 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 21375 | 16.952 | ug/l | 89 |
| 13) Acrolein | 2.233 | 56 | 17626 | 103.366 | ug/l | 94 |
| 14) Allyl chloride | 2.666 | 41 | 34578 | 16.517 | ug/l | 95 |
| 15) Acrylonitrile | 3.056 | 53 | 51590 | 85.572 | ug/l | 99 |
| 16) Acetone | 2.374 | 43 | 48392 | 83.768 | ug/l | 95 |
| 17) Carbon Disulfide | 2.514 | 76 | 60156 | 15.137 | ug/l | 96 |
| 18) Methyl Acetate | 2.697 | 43 | 20120 | 16.677 | ug/l | 96 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 76922 | 17.882 | ug/l | 95 |
| 20) Methylene Chloride | 2.788 | 84 | 25251 | 17.939 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 23986 | 17.318 | ug/l | 97 |
| 22) Diisopropyl ether | 3.751 | 45 | 76447 | 18.308 | ug/l | 95 |
| 23) Vinyl Acetate | 3.709 | 43 | 296196 | 88.804 | ug/l | 95 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 44297 | 17.545 | ug/l | 99 |
| 25) 2-Butanone | 4.538 | 43 | 64935 | 88.805 | ug/l | 96 |
| 26) 2,2-Dichloropropane | 4.459 | 77 | 41209 | 18.083 | ug/l | 97 |
| 27) cis-1,2-Dichloroethene | 4.477 | 96 | 29677 | 18.359 | ug/l | 99 |
| 28) Bromochloromethane | 4.885 | 49 | 19339 | 18.473 | ug/l | 85 |
| 29) Tetrahydrofuran | 4.983 | 42 | 38740 | 88.463 | ug/l | 92 |
| 30) Chloroform | 5.074 | 83 | 51696 | 19.165 | ug/l | 99 |
| 31) Cyclohexane | 5.458 | 56 | 38986 | 18.651 | ug/l | 93 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 46741 | 18.802 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.678 | 75 | 34395 | 18.089 | ug/l | 99 |
| 37) Ethyl Acetate | 4.696 | 43 | 26522 | 16.828 | ug/l # | 95 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 42819 | 18.252 | ug/l | 98 |
| 39) Methylcyclohexane | 7.367 | 83 | 40011 | 17.817 | ug/l | 93 |
| 40) Benzene | 6.019 | 78 | 102728 | 18.608 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.904 | 41 | 15325 | 18.516 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 39959 | 19.615 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.324 | 43 | 47991 | 18.537 | ug/l | # | 94 |
| 44) Trichloroethene | 7.111 | 130 | 27345 | 18.759 | ug/l | | 89 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 25354 | 19.317 | ug/l | | 97 |
| 46) Dibromomethane | 7.568 | 93 | 20155 | 19.710 | ug/l | | 93 |
| 47) Bromodichloromethane | 7.806 | 83 | 43009 | 19.480 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.678 | 41 | 24768 | 18.959 | ug/l | | 95 |
| 49) 1,4-Dioxane | 7.647 | 88 | 6857 | 397.302 | ug/l | | 93 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 143580 | 96.190 | ug/l | | 98 |
| 52) Toluene | 8.702 | 92 | 68859 | 19.634 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 42100 | 19.787 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 43961 | 19.150 | ug/l | | 91 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 26128 | 20.033 | ug/l | | 96 |
| 56) Ethyl methacrylate | 9.098 | 69 | 37038 | 19.415 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 44479 | 19.965 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 87997 | 86.903 | ug/l | | 95 |
| 59) 2-Hexanone | 9.415 | 43 | 100647 | 96.700 | ug/l | | 96 |
| 60) Dibromochloromethane | 9.500 | 129 | 33589 | 19.161 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 28498 | 20.496 | ug/l | | 93 |
| 64) Tetrachloroethene | 9.257 | 164 | 24658 | 18.287 | ug/l | | 91 |
| 65) Chlorobenzene | 10.061 | 112 | 77769 | 19.140 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 28328 | 18.982 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 129701 | 18.749 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 99982 | 38.899 | ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 47318 | 19.068 | ug/l | | 100 |
| 70) Styrene | 10.634 | 104 | 82638 | 19.558 | ug/l | | 100 |
| 71) Bromoform | 10.781 | 173 | 22550 | 18.905 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 124929 | 18.532 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 42802 | 17.899 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 34771 | 18.887 | ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 31727m | 21.197 | ug/l | | |
| 77) Bromobenzene | 11.177 | 156 | 31977 | 18.917 | ug/l | | 93 |
| 78) n-propylbenzene | 11.287 | 91 | 146740 | 18.800 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 90136 | 19.047 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 105222 | 18.861 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 10645 | 17.303 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 105630 | 18.803 | ug/l | | 96 |
| 83) tert-Butylbenzene | 11.695 | 119 | 107485 | 18.752 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 107910 | 19.382 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 126036 | 18.276 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 109030 | 18.291 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 58821 | 18.459 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 60184 | 18.231 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.317 | 91 | 93633 | 17.258 | ug/l | | 98 |
| 90) Hexachloroethane | 12.518 | 117 | 19578 | 16.632 | ug/l | | 94 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 54904 | 18.351 | ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 6427 | 17.199 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 33681 | 16.647 | ug/l | | 97 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 13822 | 18.273 | ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 92069 | 17.176 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 33036 | 17.794 | ug/l | | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

| 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\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

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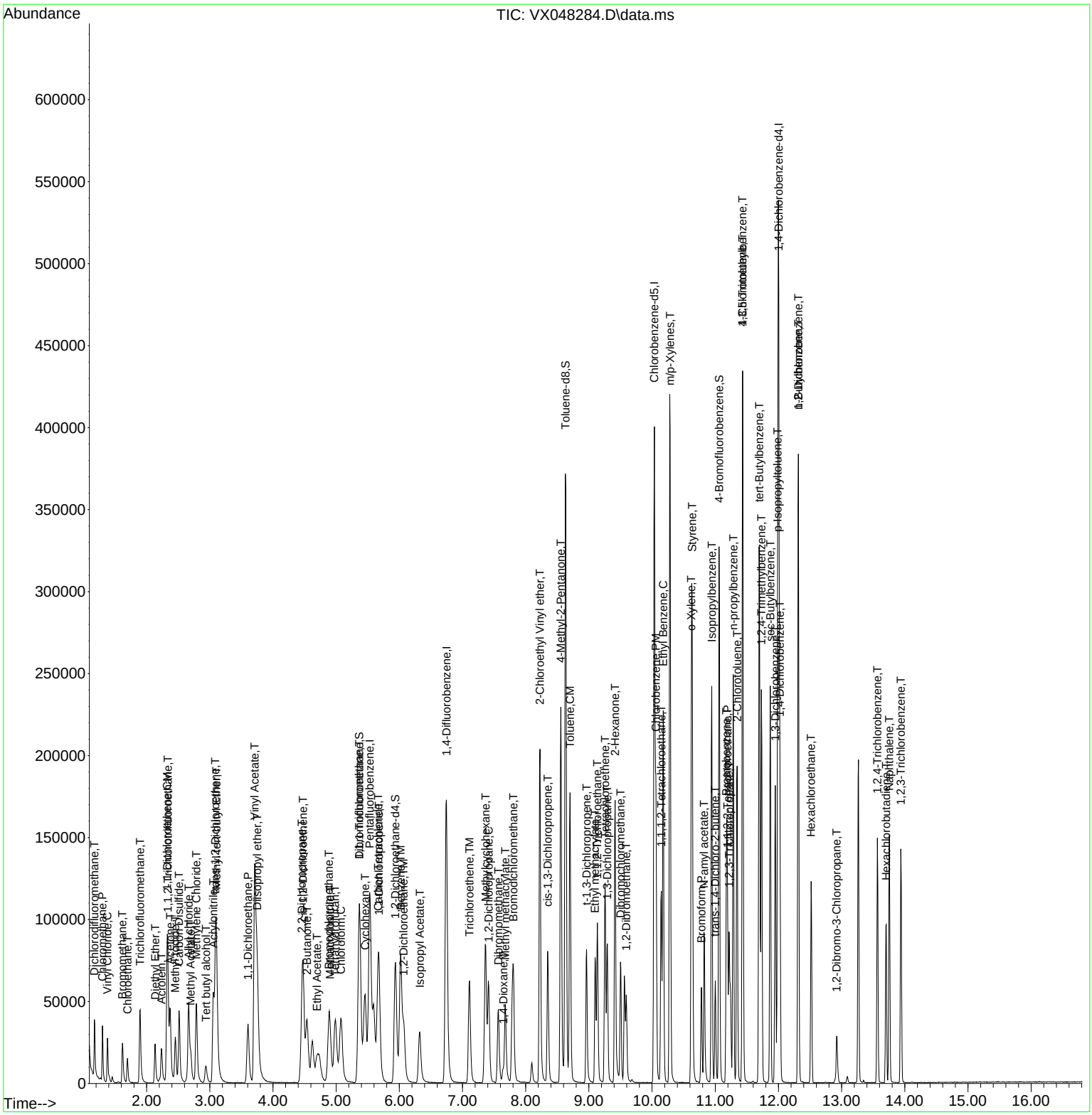
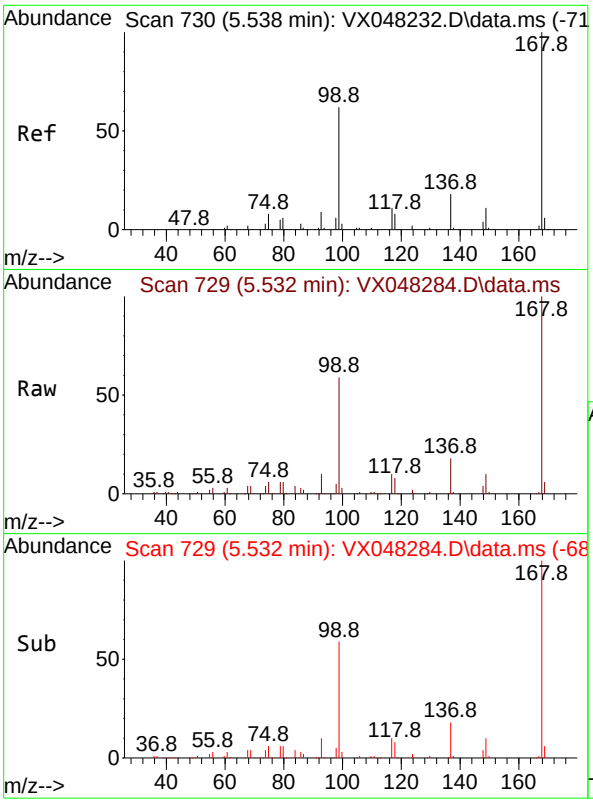
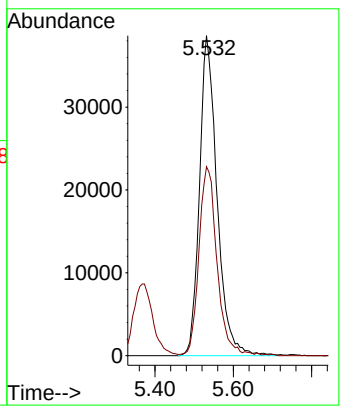





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:168 Resp: 12010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.1 | 46.4 | 69.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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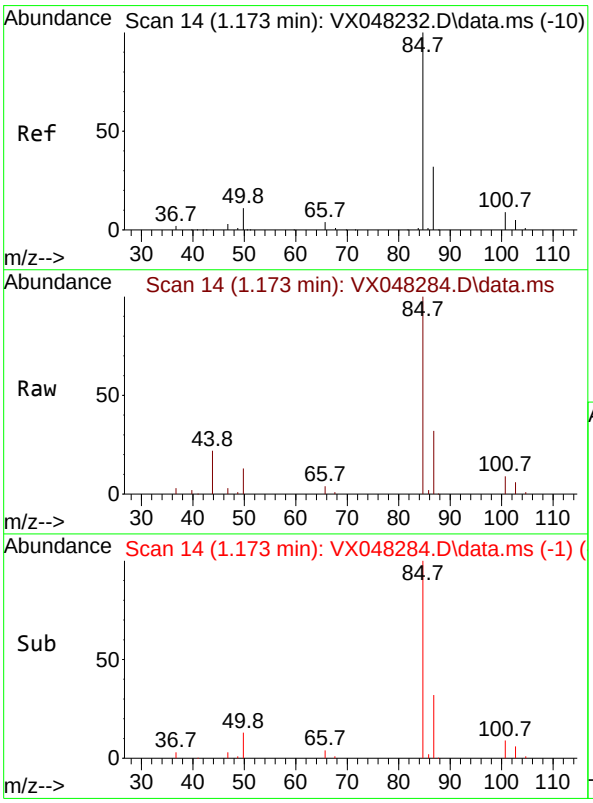
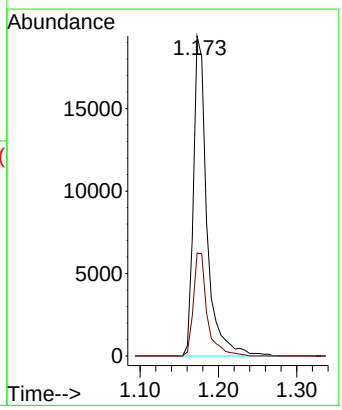
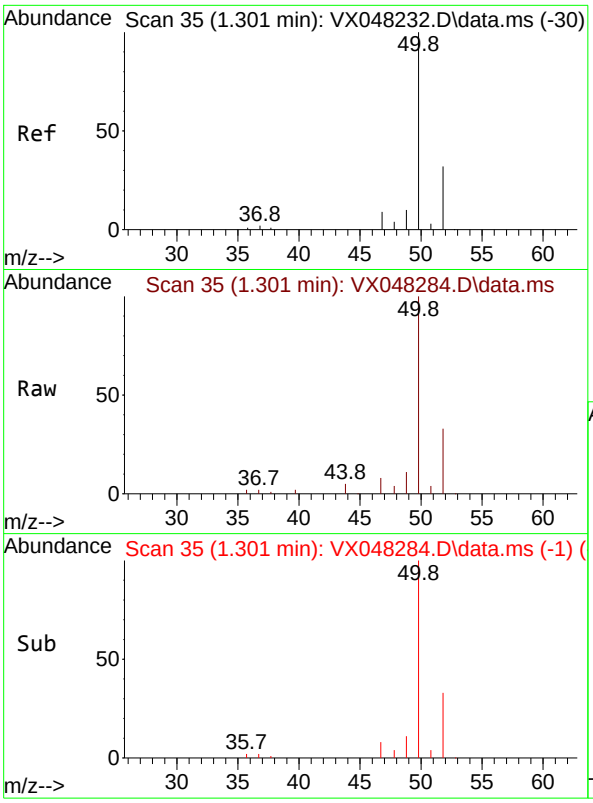



#2
Dichlorodifluoromethane
Concen: 18.904 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 85 Resp: 23340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.5 | 15.3 | 45.9 |

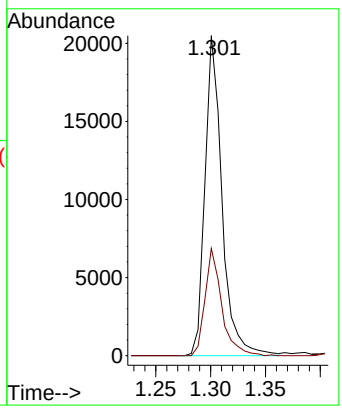





#3
Chloromethane
Concen: 19.248 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 50 Resp: 2218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.5 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

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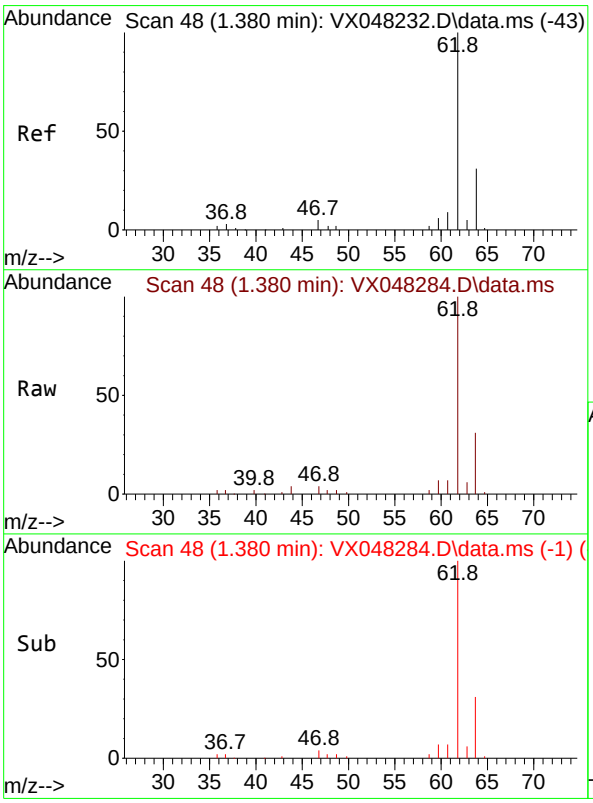
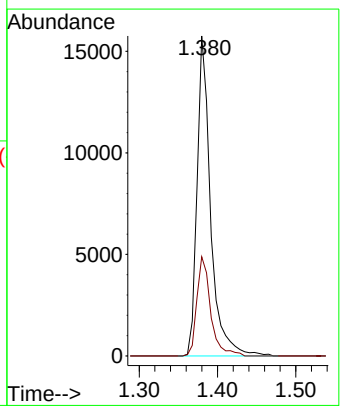
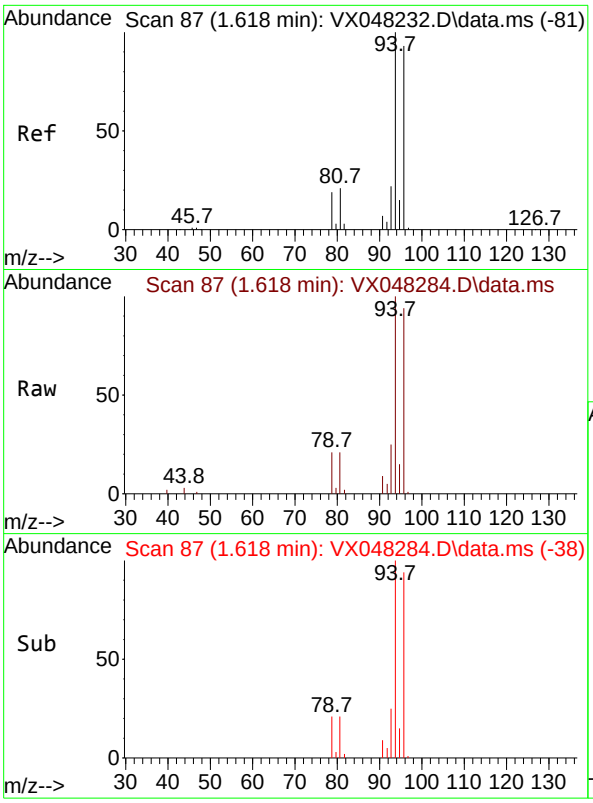



#4
Vinyl Chloride
Concen: 17.795 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 62 Resp: 18991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.0 | 25.1 | 37.7 |






#5
Bromomethane
Concen: 17.161 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 94 Resp: 1242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.9 | 76.0 | 114.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

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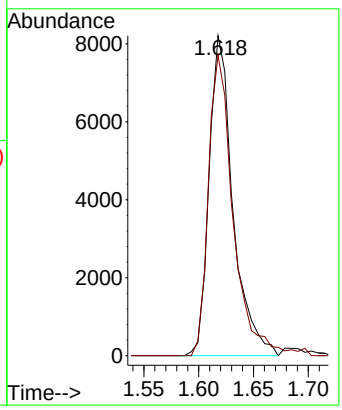
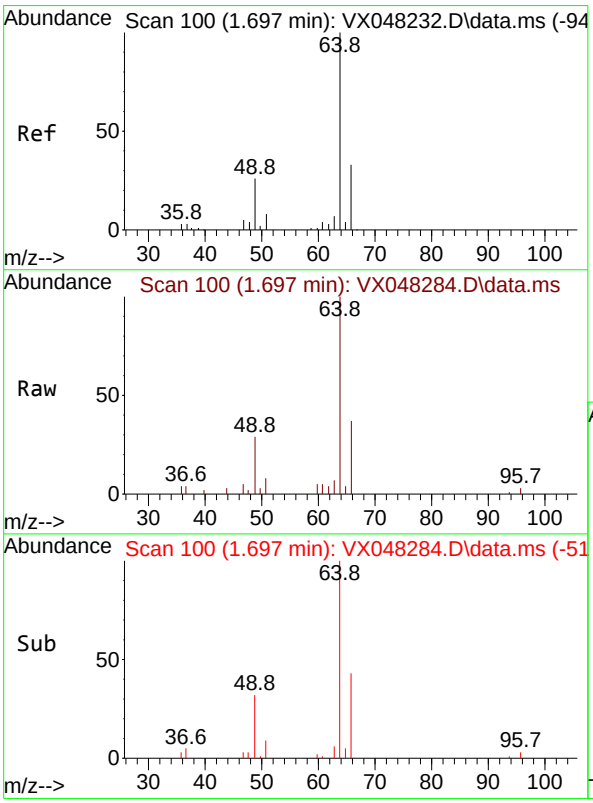
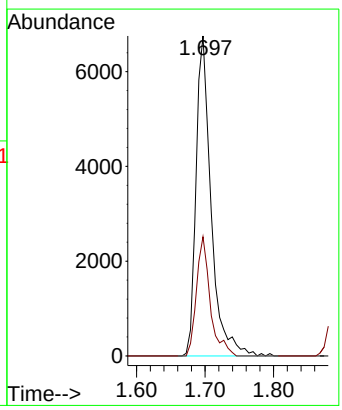


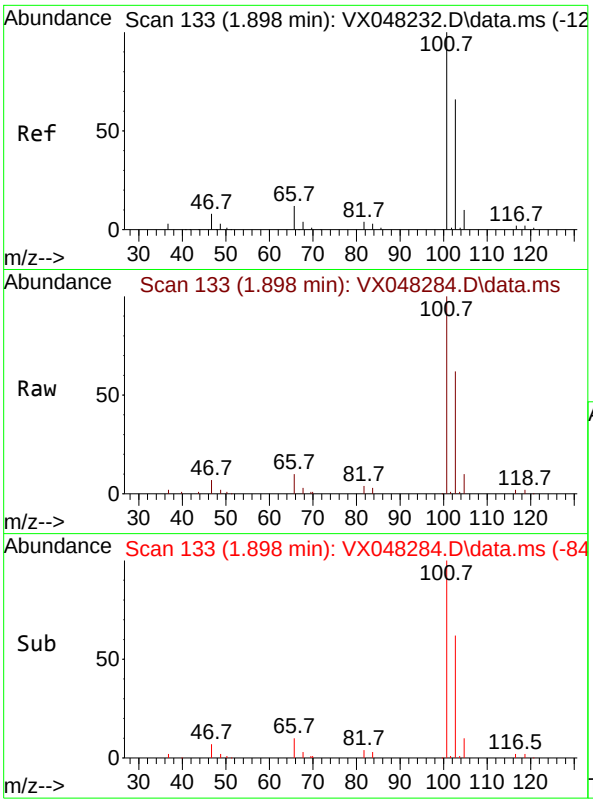




#6
Chloroethane
Concen: 16.512 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 64 Resp: 10355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 37.3 | 23.9 | 35.9# |

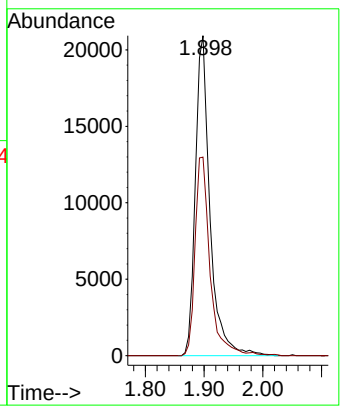





#7
Trichlorofluoromethane
Concen: 17.642 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:101 Resp: 3610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 61.4 | 51.6 | 77.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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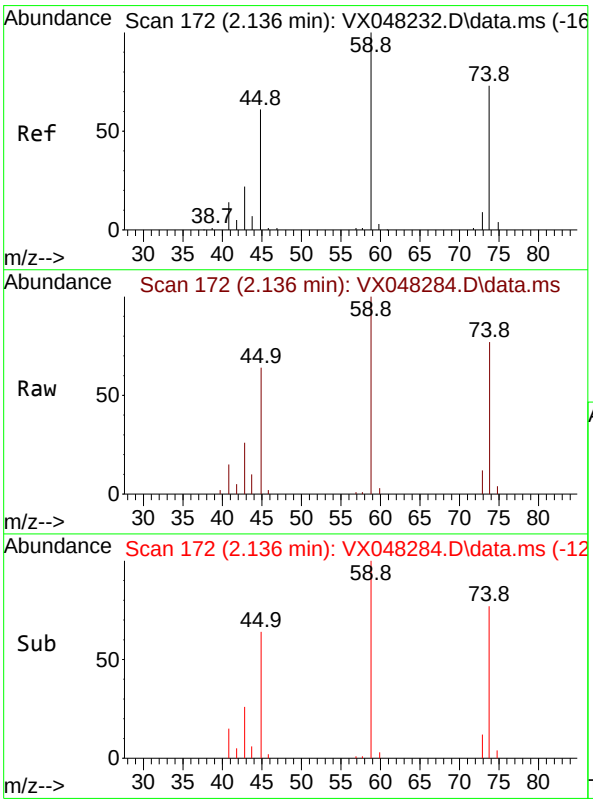
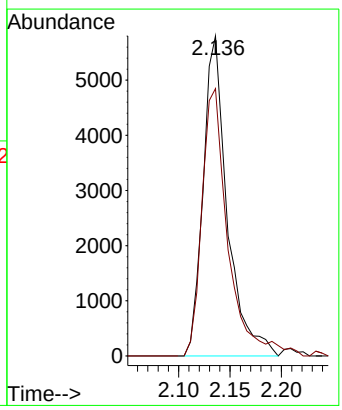
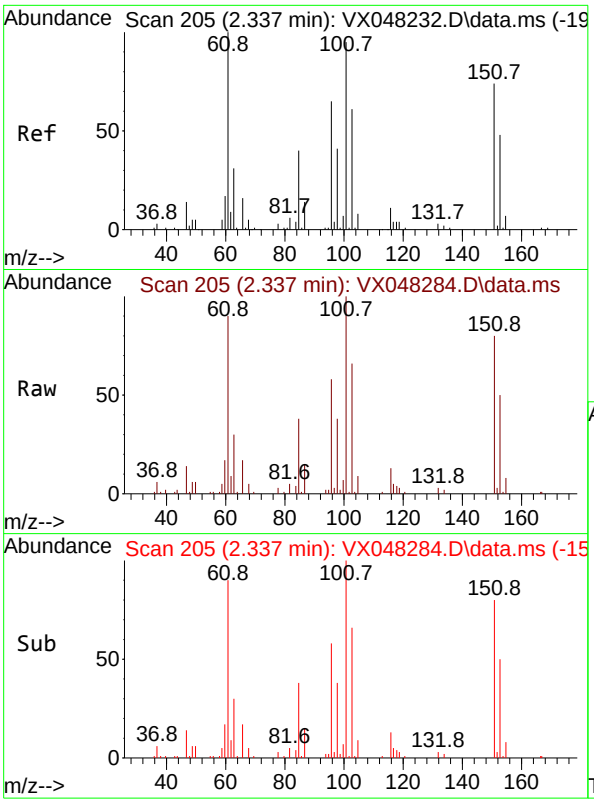



#8
Diethyl Ether
Concen: 16.470 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 74 Resp: 9485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 89.8 | 50.0 | 149.8 |






#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.849 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:101 Resp: 2313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.6 | 35.6 | 53.4 |
| 151 | 77.9 | 58.0 | 87.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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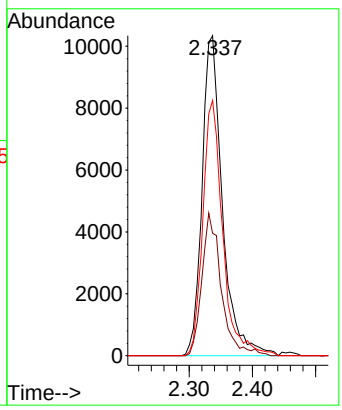
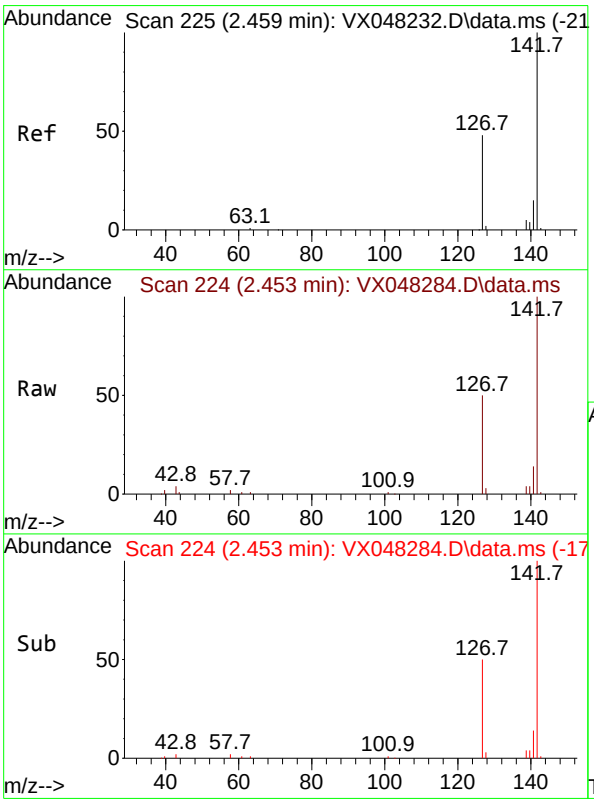
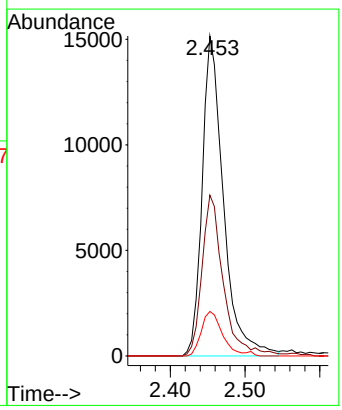


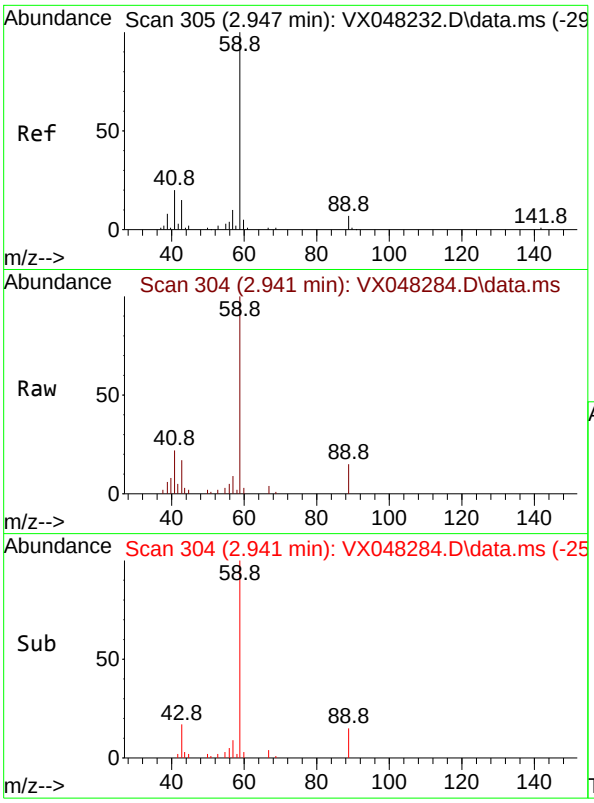




#10
Methyl Iodide
Concen: 18.396 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:142 Resp: 29973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 50.2 | 38.5 | 57.7 |
| 141 | 14.1 | 11.6 | 17.4 |

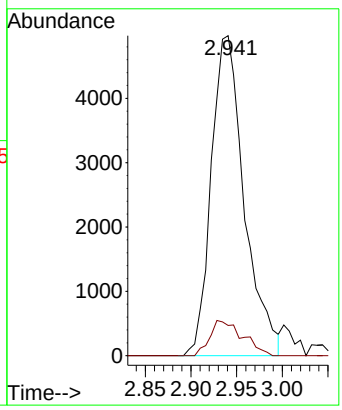





#11
Tert butyl alcohol
Concen: 74.608 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 59 Resp: 1247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.0 | 8.2 | 12.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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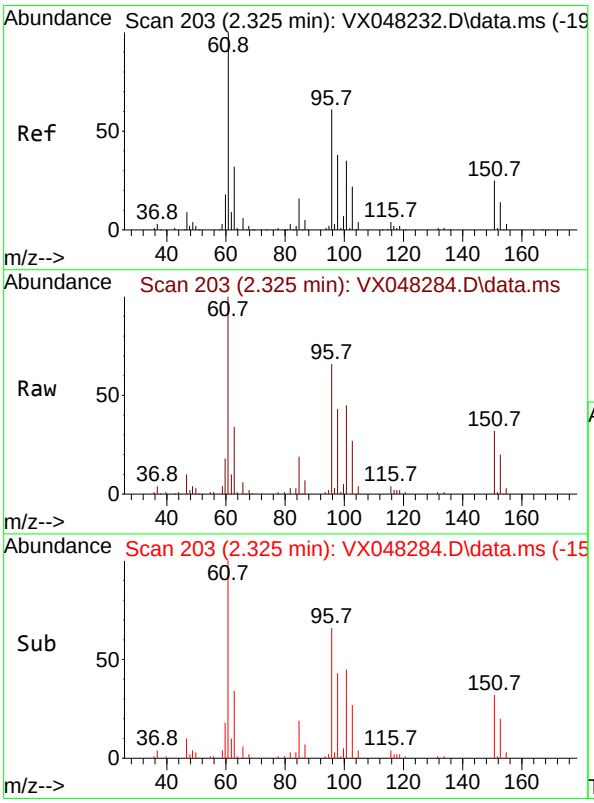
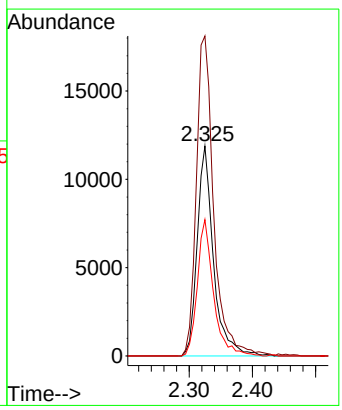
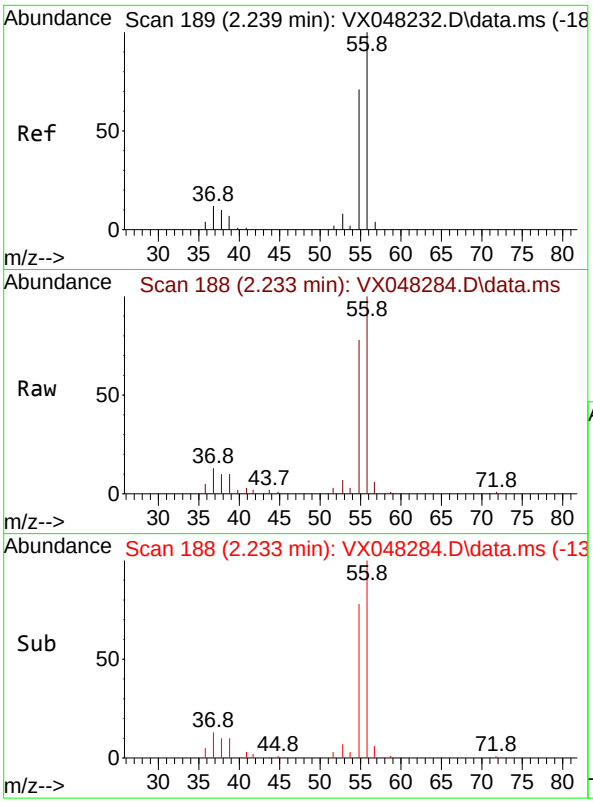



#12
1,1-Dichloroethene
Concen: 16.952 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 96 Resp: 21375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.4 | 139.0 | 208.6 |
| 98 | 64.9 | 52.4 | 78.6 |

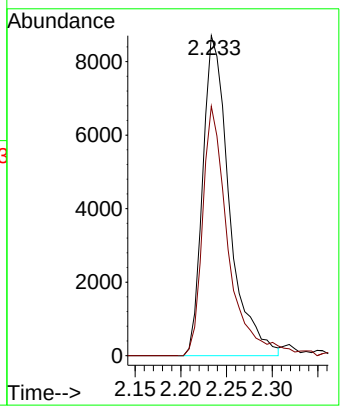





#13
Acrolein
Concen: 103.366 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 56 Resp: 1762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 75.3 | 56.1 | 84.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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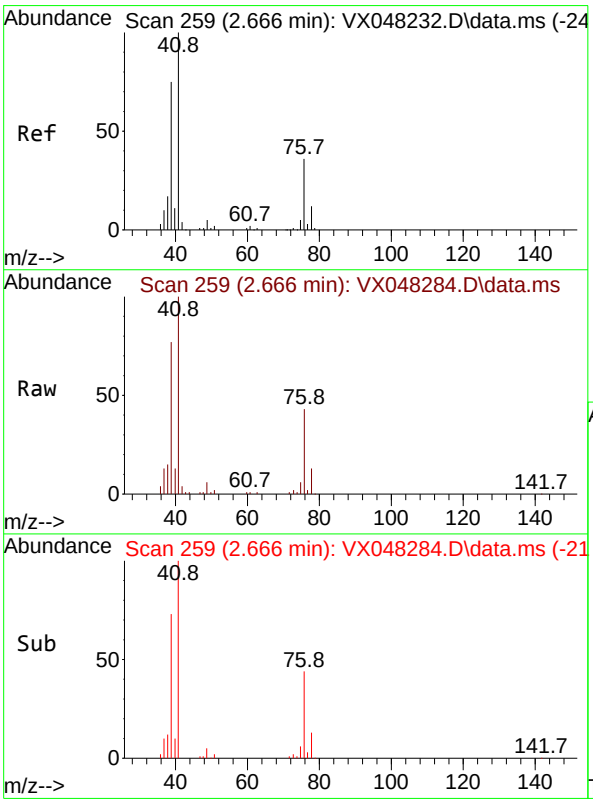
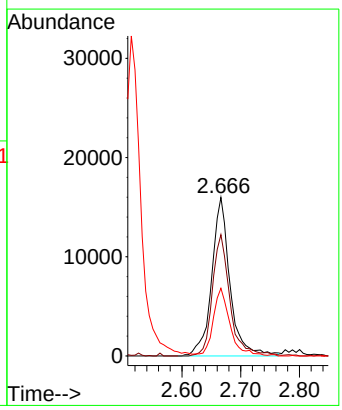
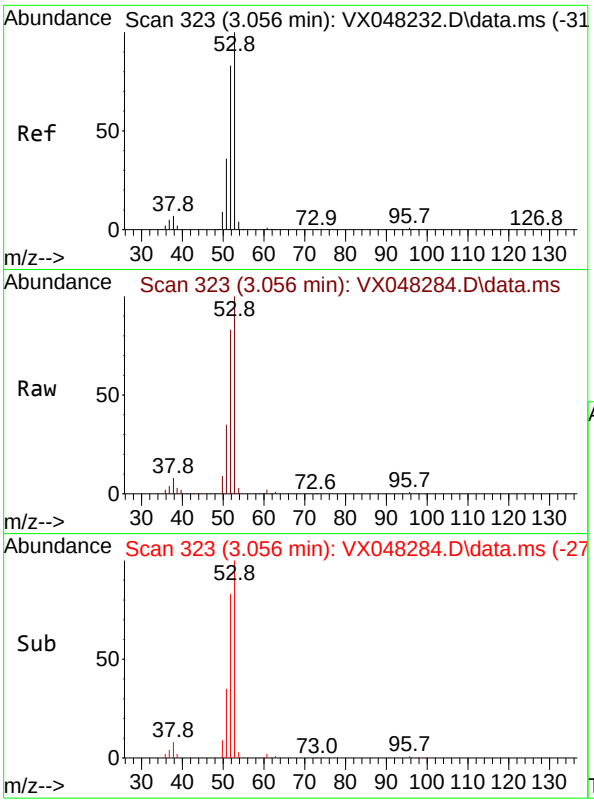



#14
Allyl chloride
Concen: 16.517 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 41 Resp: 34578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 73.3 | 56.0 | 84.0 |
| 76 | 37.8 | 27.5 | 41.3 |

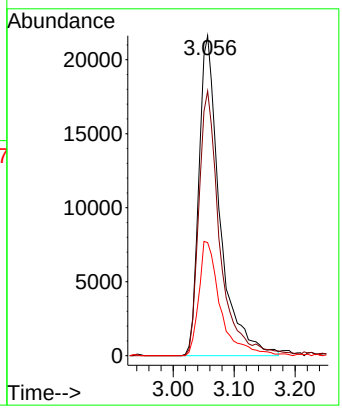





#15
Acrylonitrile
Concen: 85.572 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 53 Resp: 5159

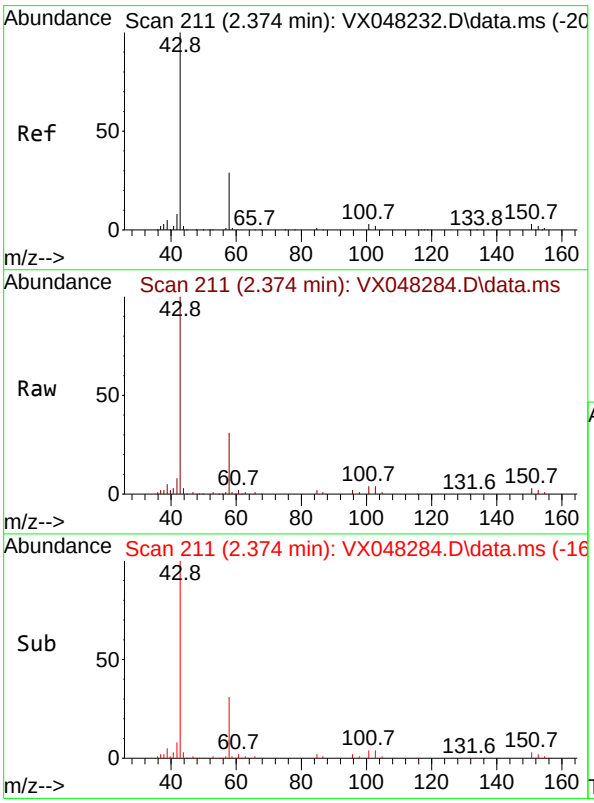
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.0 | 66.1 | 99.1 |
| 51 | 37.1 | 29.0 | 43.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

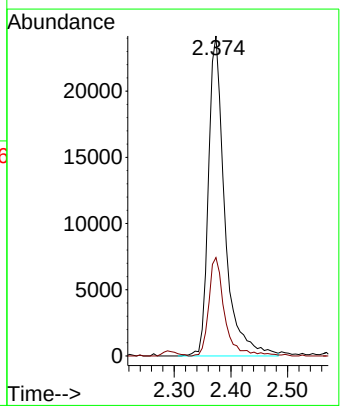
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

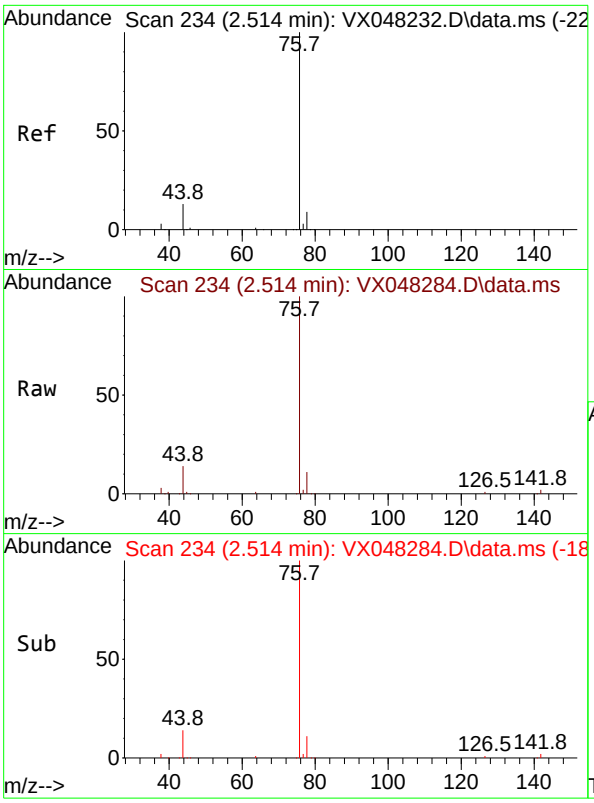



#16
Acetone
Concen: 83.768 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 48392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.9 | 23.4 | 35.2 |

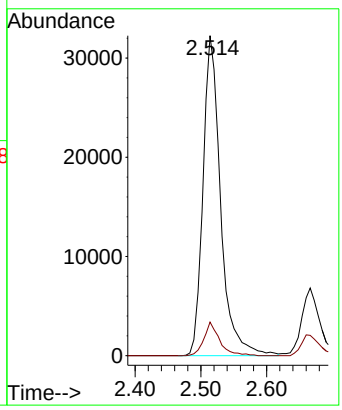





#17
Carbon Disulfide
Concen: 15.137 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 76 Resp: 6015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.5 | 7.1 | 10.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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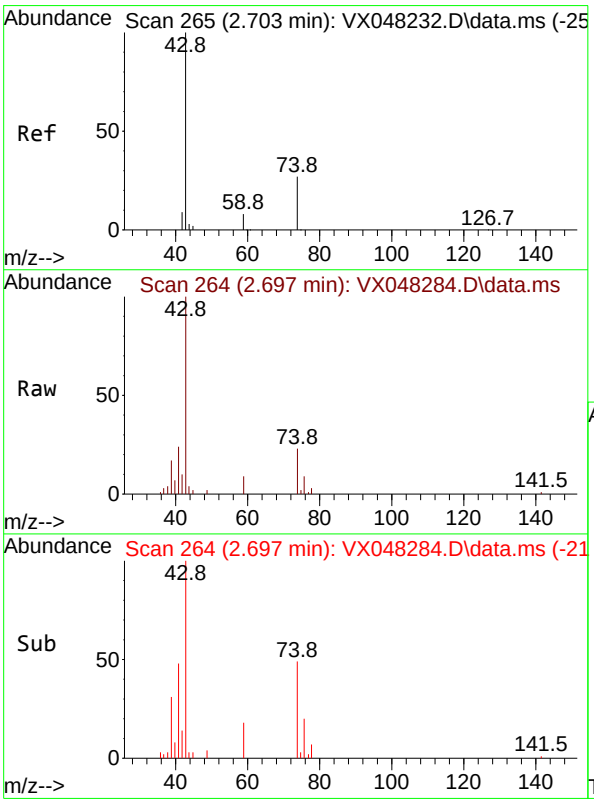
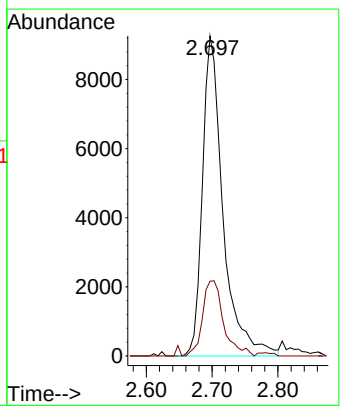
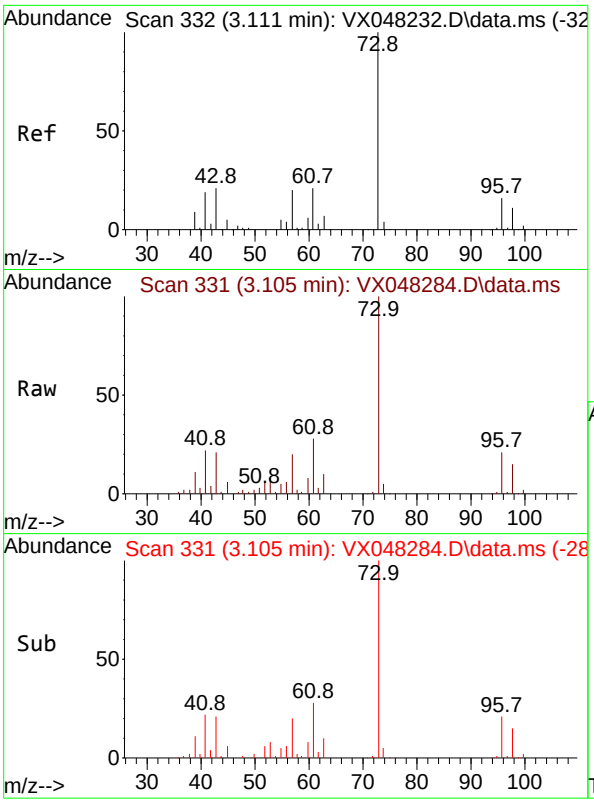



#18
Methyl Acetate
Concen: 16.677 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 20120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.9 | 17.5 | 26.3 |

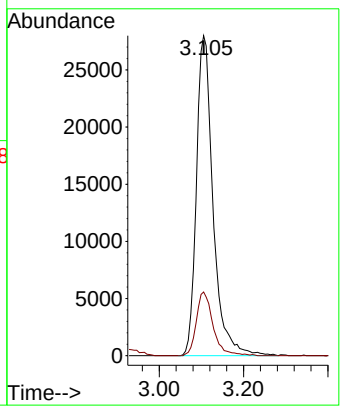





#19
Methyl tert-butyl Ether
Concen: 17.882 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 73 Resp: 7692

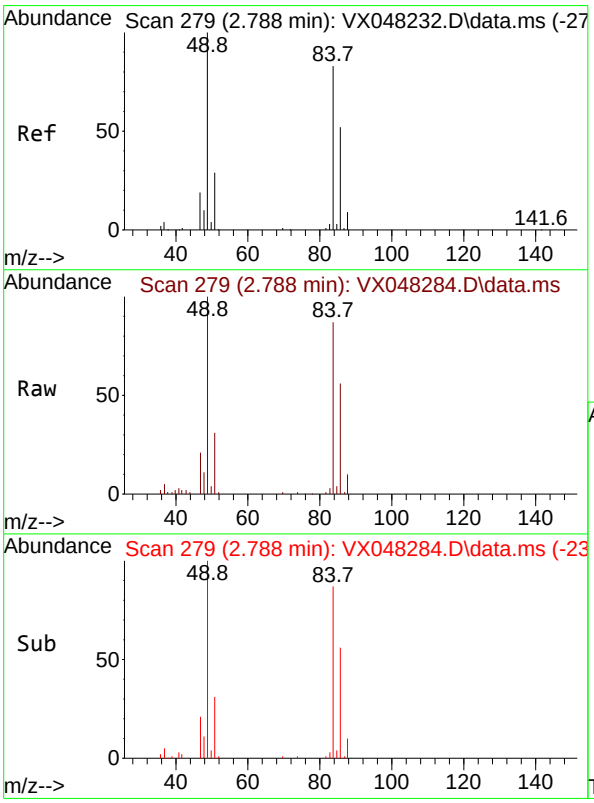
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 19.9 | 17.7 | 26.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

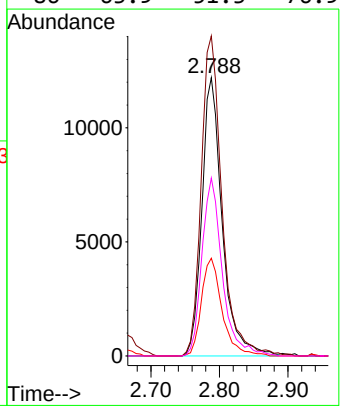
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

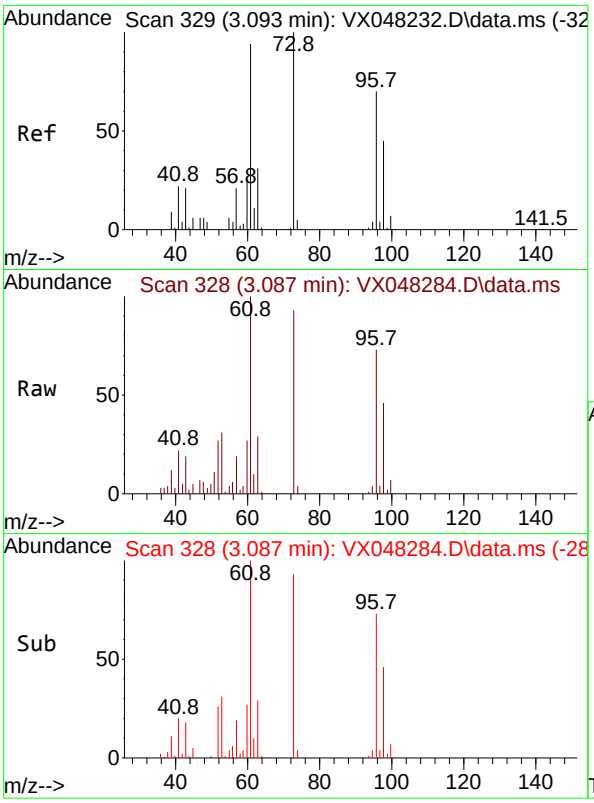



#20
Methylene Chloride
Concen: 17.939 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 84 Resp: 25251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 115.0 | 104.1 | 156.1 |
| 51 | 35.1 | 31.3 | 46.9 |
| 86 | 63.9 | 51.3 | 76.9 |

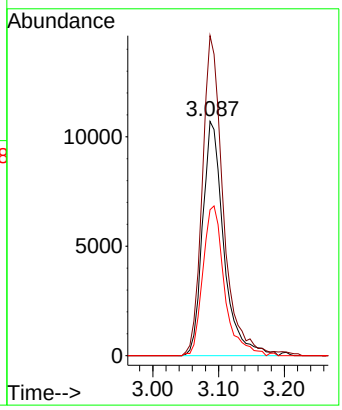





#21
trans-1,2-Dichloroethene
Concen: 17.318 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 96 Resp: 2398

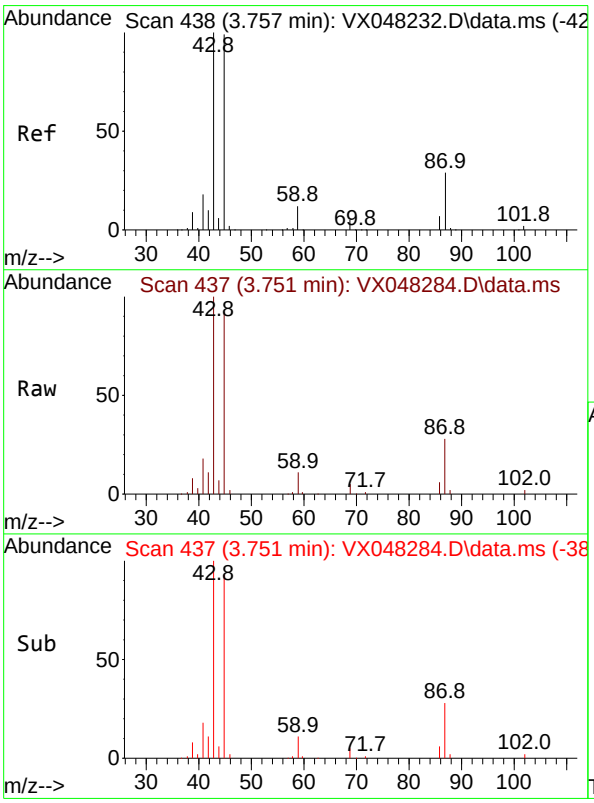
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.6 | 111.9 | 167.9 |
| 98 | 62.3 | 51.2 | 76.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

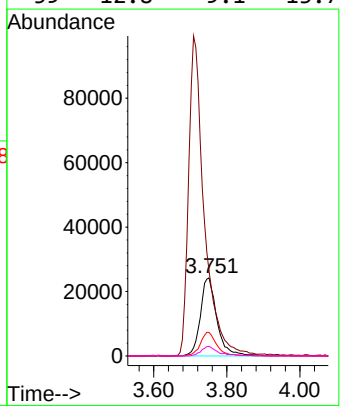
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

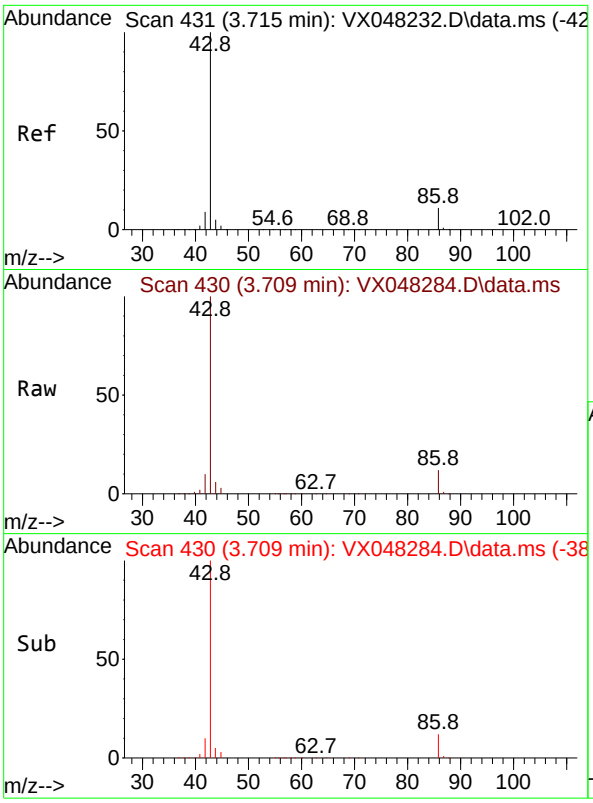



#22
Diisopropyl ether
Concen: 18.308 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 45 Resp: 76447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 107.4 | 89.8 | 134.8 |
| 87 | 30.2 | 20.6 | 31.0 |
| 59 | 12.8 | 9.1 | 13.7 |






#23
Vinyl Acetate
Concen: 88.804 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 29619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.7 | 7.9 | 11.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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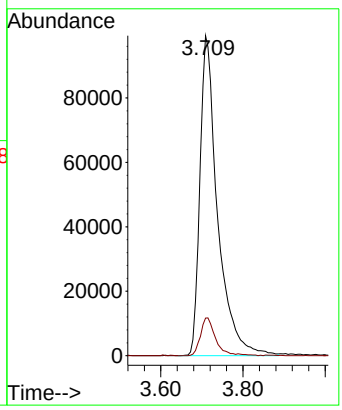
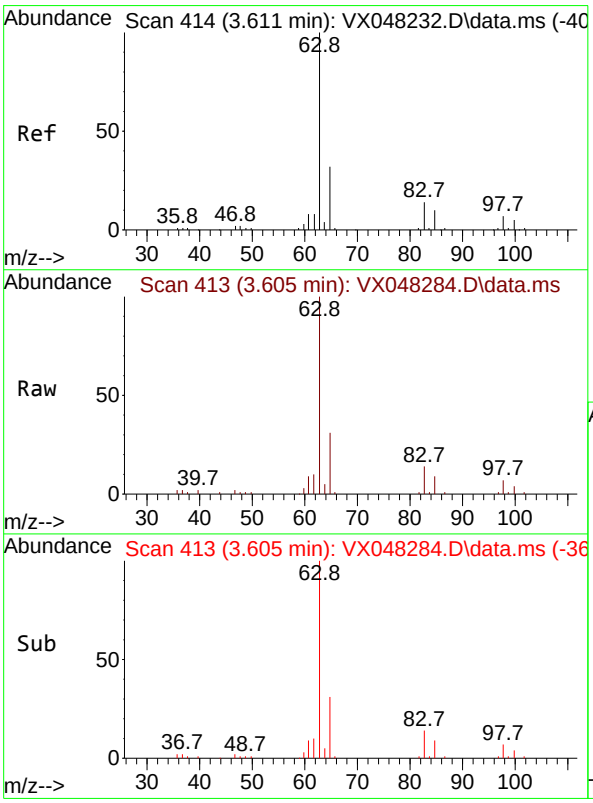
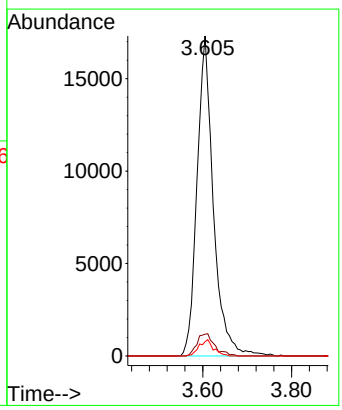


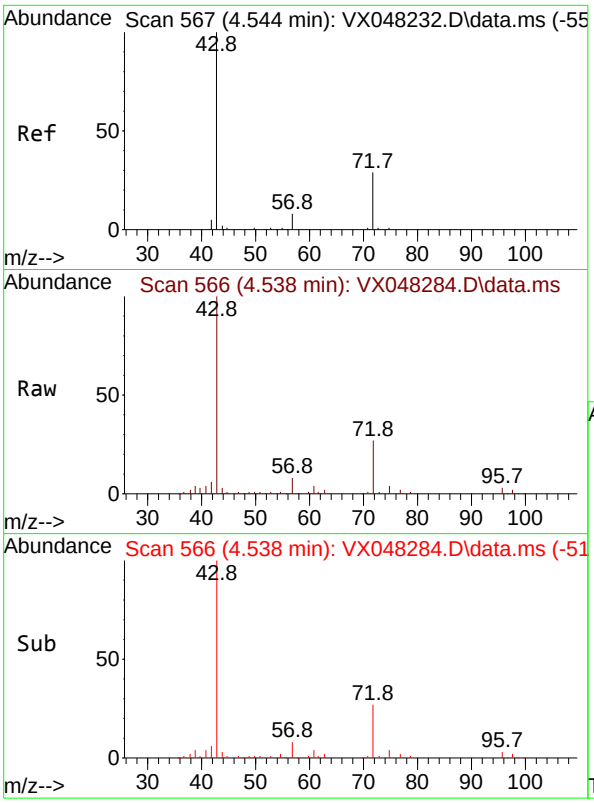




#24
1,1-Dichloroethane
Concen: 17.545 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 63 Resp: 44297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.8 | 3.5 | 10.6 |
| 100 | 4.5 | 2.1 | 6.3 |






#25
2-Butanone
Concen: 88.805 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 6493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.1 | 19.9 | 29.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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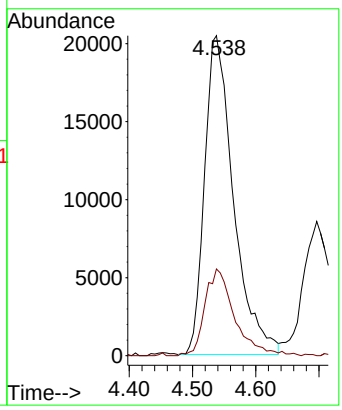
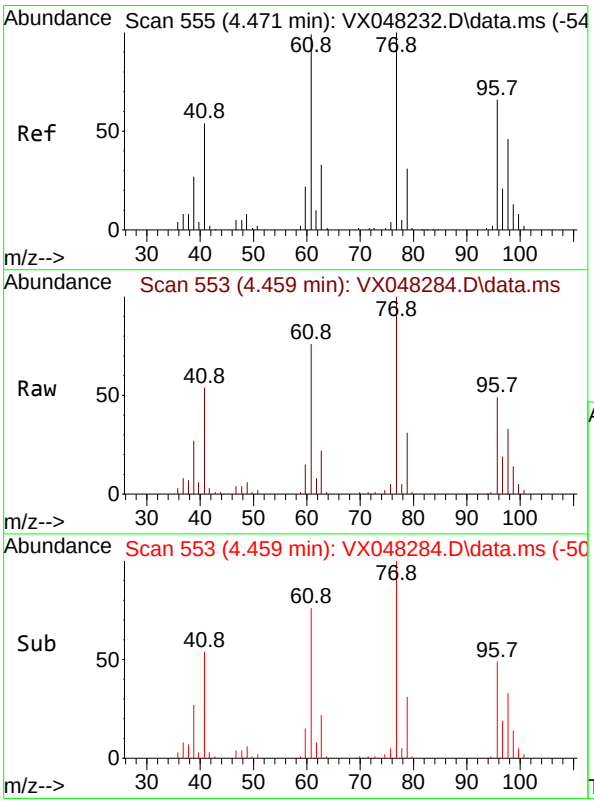
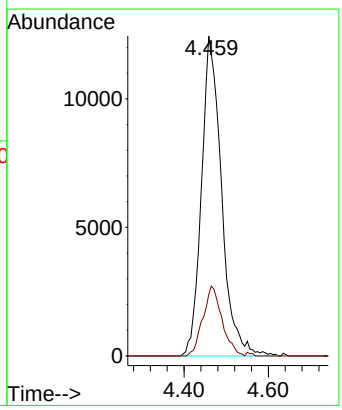


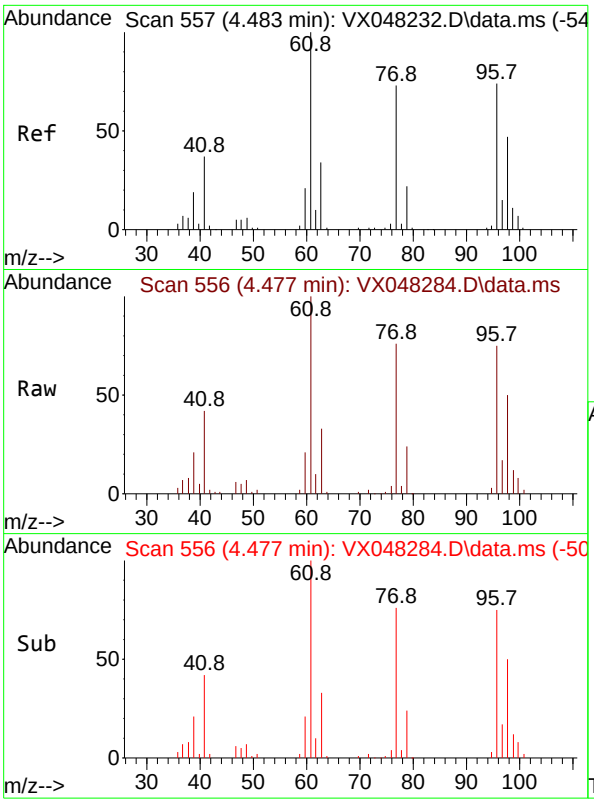




#26
2,2-Dichloropropane
Concen: 18.083 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 77 Resp: 41209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 20.8 | 11.1 | 33.3 |

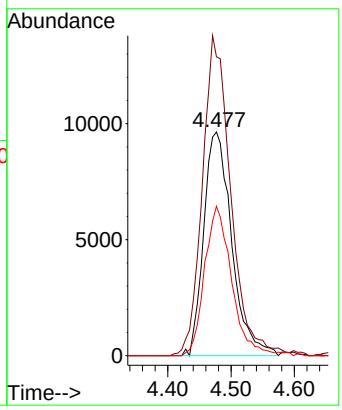





#27
cis-1,2-Dichloroethene
Concen: 18.359 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 96 Resp: 2967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.8 | 0.0 | 294.2 |
| 98 | 64.7 | 0.0 | 128.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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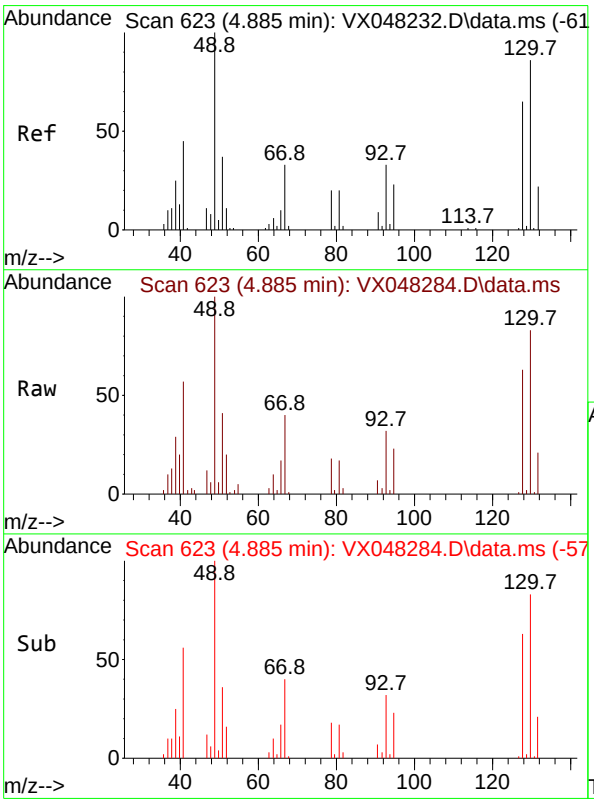
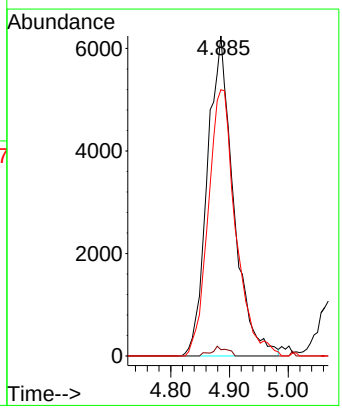
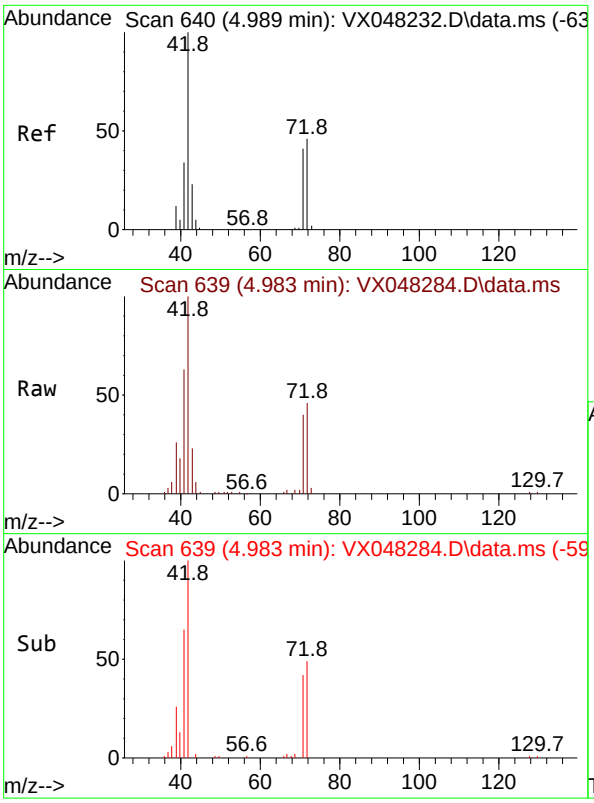



#28
Bromochloromethane
Concen: 18.473 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 49 Resp: 19339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.8 | 0.0 | 4.4 |
| 130 | 87.3 | 59.3 | 88.9 |






#29
Tetrahydrofuran
Concen: 88.463 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 42 Resp: 3874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 49.8 | 35.3 | 52.9 |
| 71 | 45.0 | 32.2 | 48.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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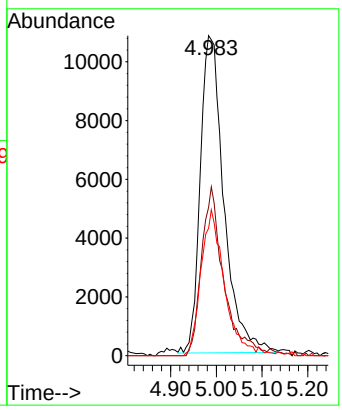
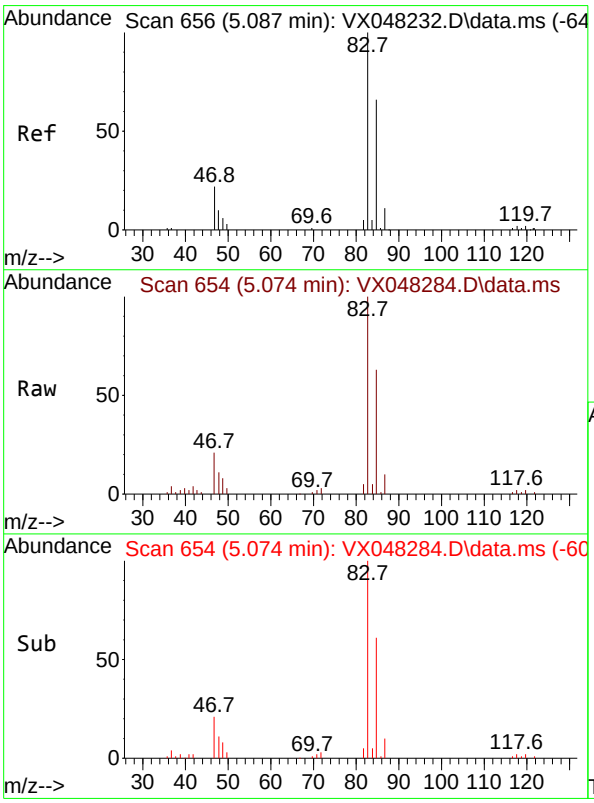
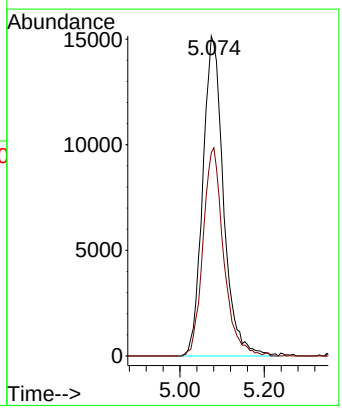


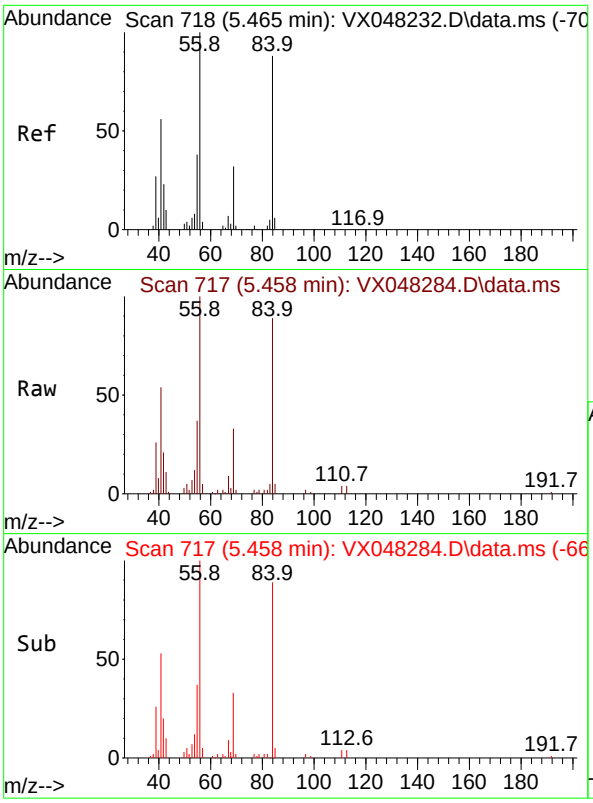




#30
Chloroform
Concen: 19.165 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 83 Resp: 51696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.5 | 50.1 | 75.1 |






#31
Cyclohexane
Concen: 18.651 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 56 Resp: 3898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.7 | 23.0 | 34.6 |
| 84 | 86.3 | 64.6 | 97.0 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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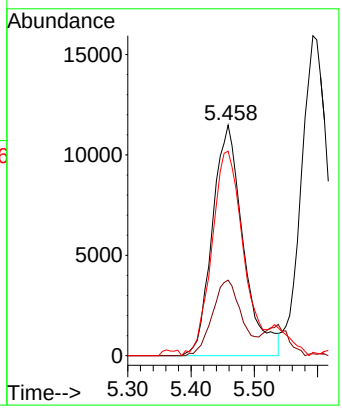
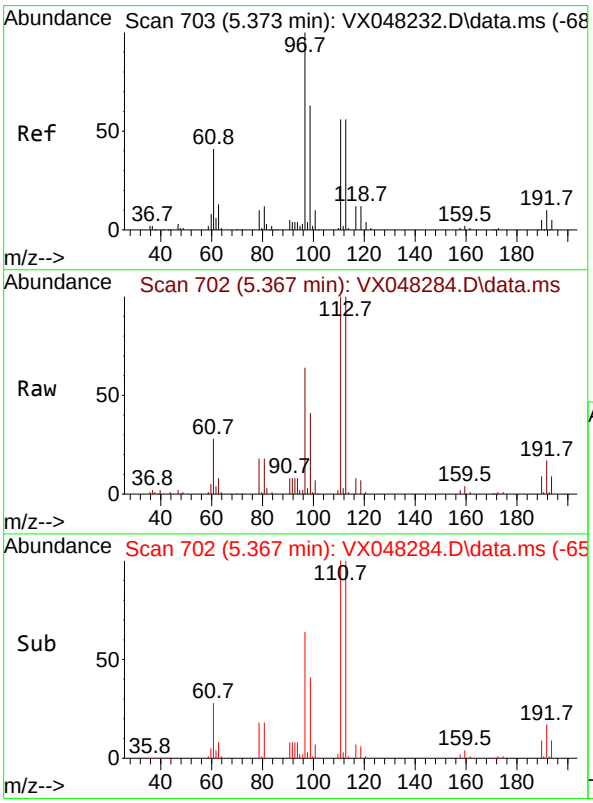
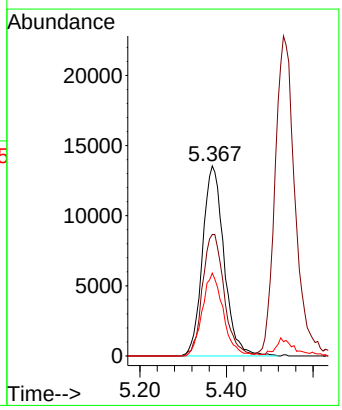


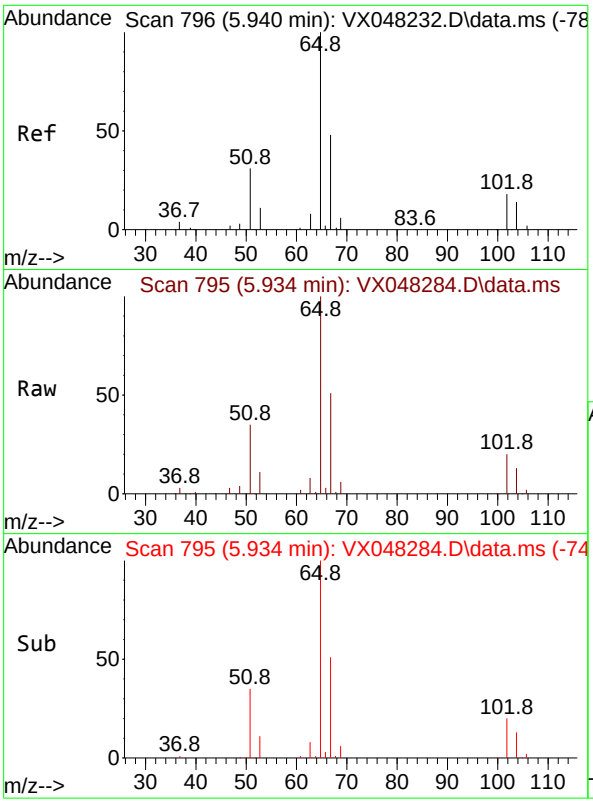




#32
1,1,1-Trichloroethane
Concen: 18.802 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 97 Resp: 46741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 51.7 | 77.5 |
| 61 | 42.4 | 34.8 | 52.2 |

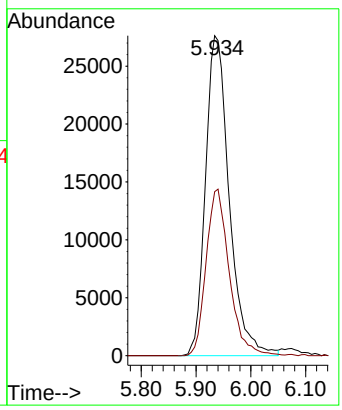





#33
1,2-Dichloroethane-d4
Concen: 49.283 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 65 Resp: 8299

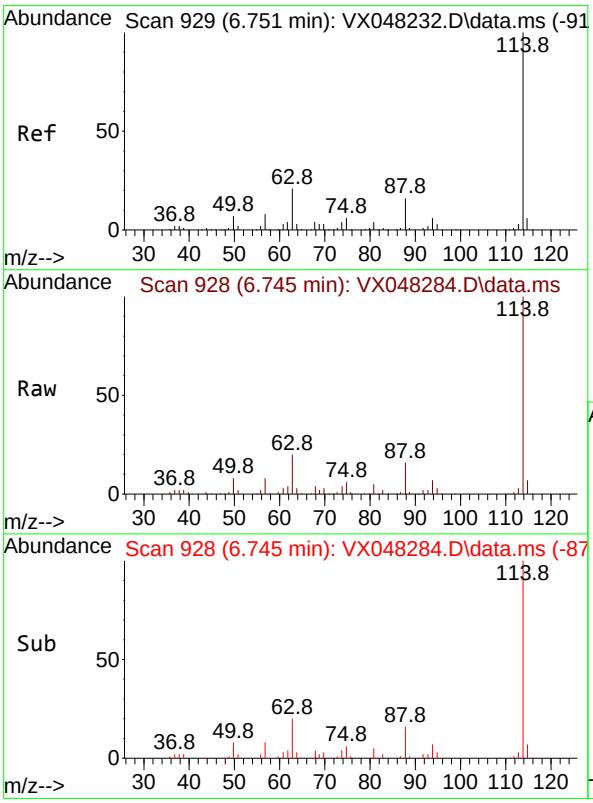
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.9 | 0.0 | 105.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

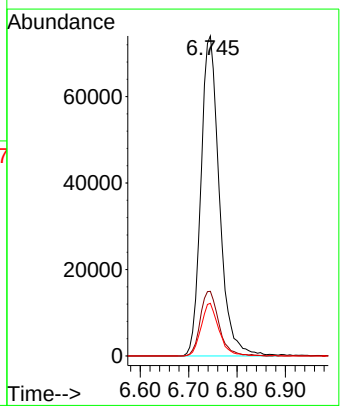
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

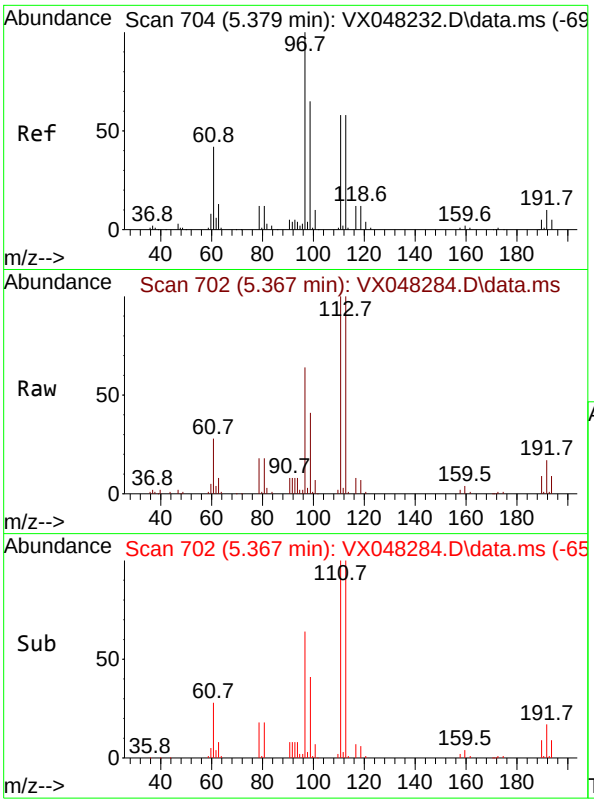



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:114 Resp: 195961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 0.0 | 43.2 |
| 88 | 16.5 | 0.0 | 33.6 |

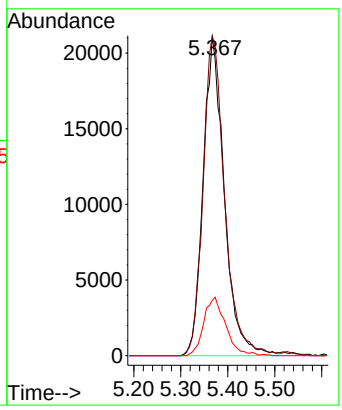





#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:113 Resp: 6594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 82.2 | 123.4 |
| 192 | 18.9 | 15.1 | 22.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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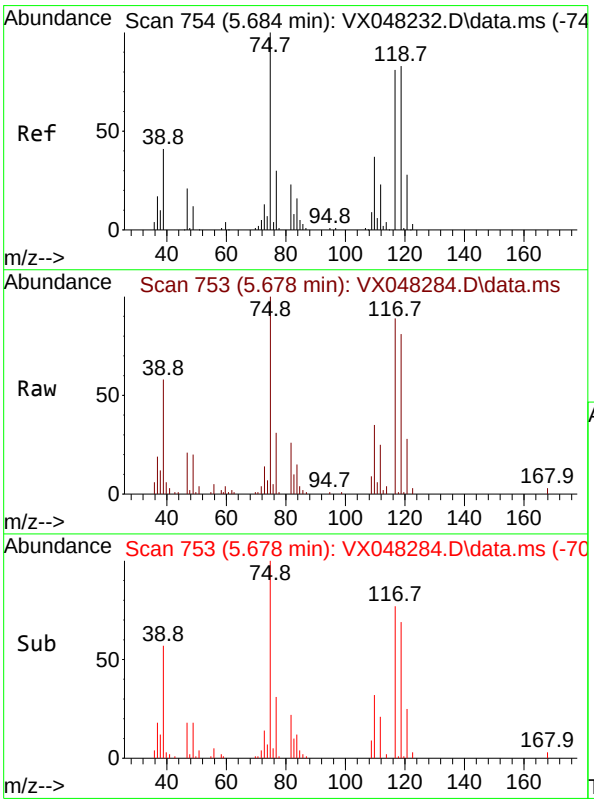
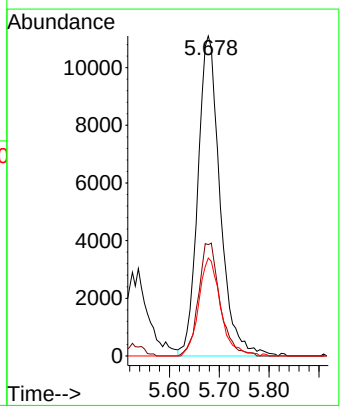
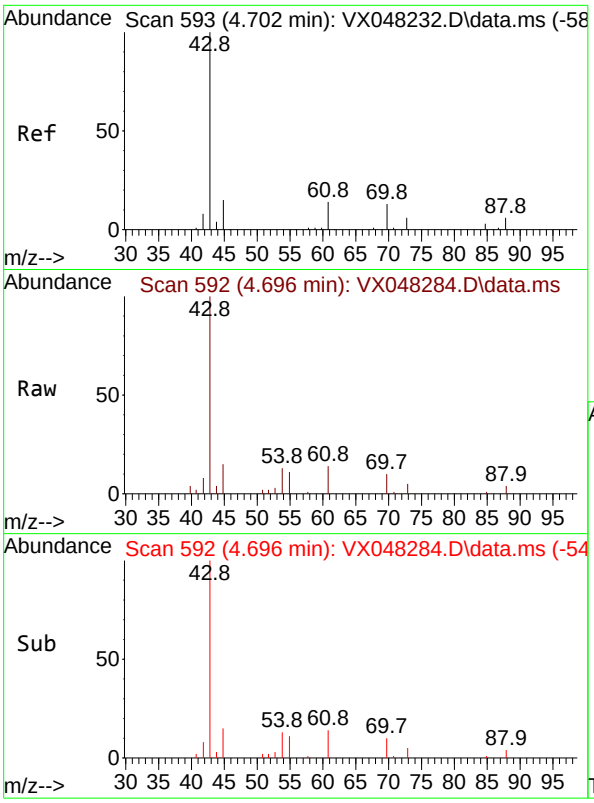



#36
1,1-Dichloropropene
Concen: 18.089 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 34395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.2 | 17.7 | 53.1 |
| 77 | 30.1 | 24.3 | 36.5 |

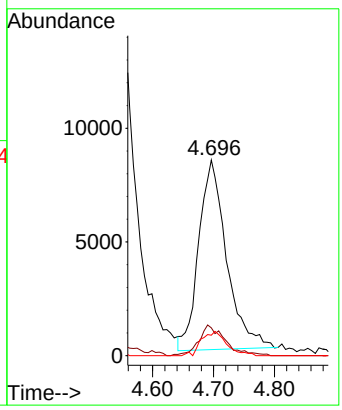





#37
Ethyl Acetate
Concen: 16.828 ug/l
RT: 4.696 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 2652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.4 | 10.6 | 15.8 |
| 70 | 11.7 | 7.8 | 11.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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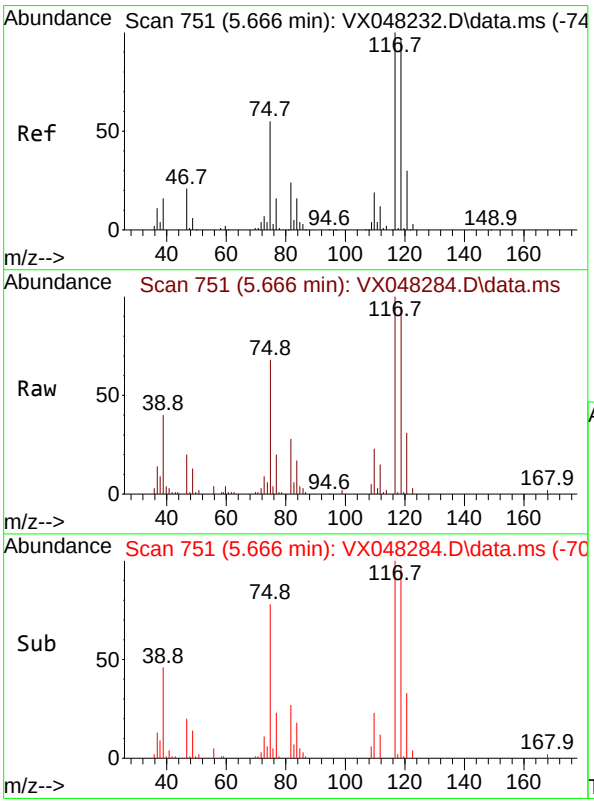
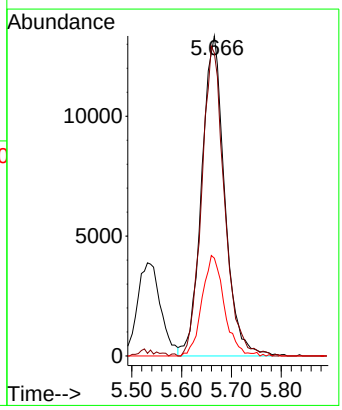
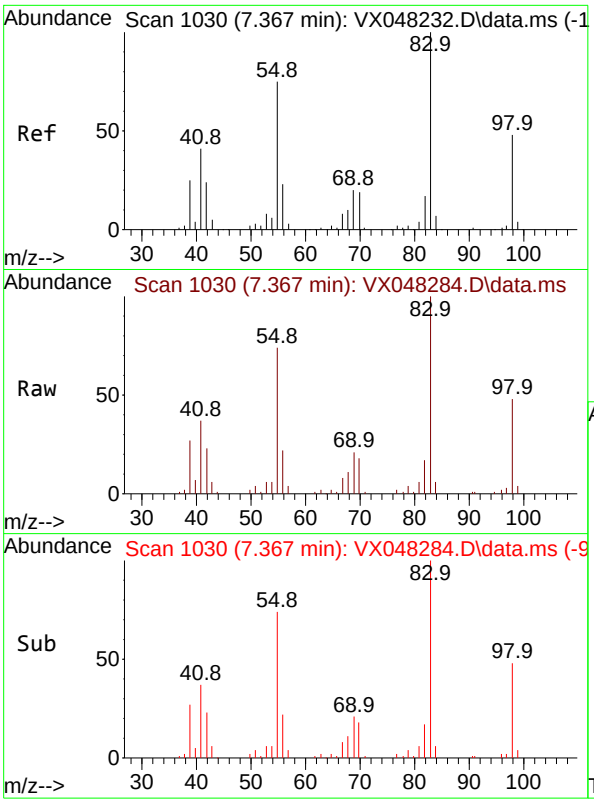



#38
Carbon Tetrachloride
Concen: 18.252 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:117 Resp: 42819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 77.2 | 115.8 |
| 121 | 30.5 | 24.8 | 37.2 |

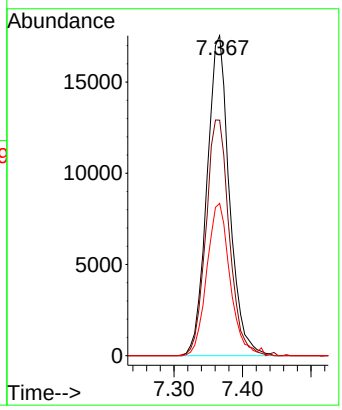





#39
Methylcyclohexane
Concen: 17.817 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 83 Resp: 4001

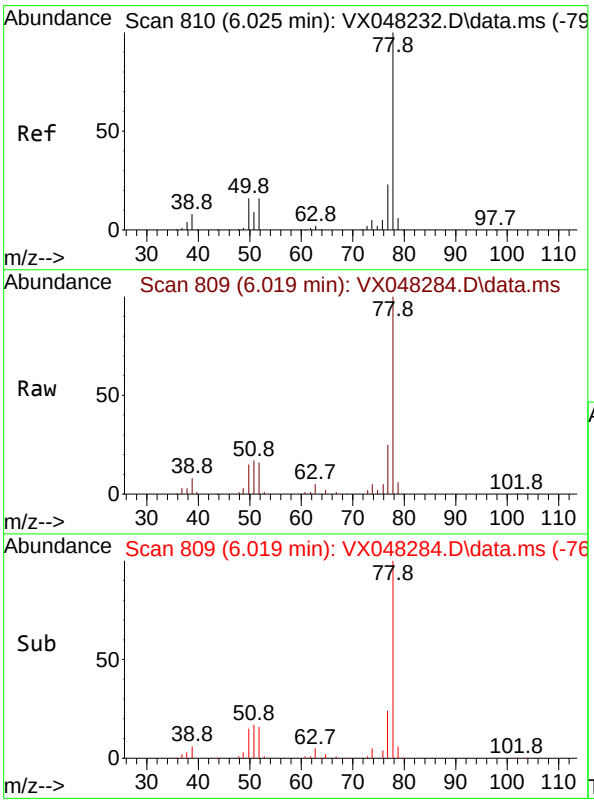
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 73.6 | 66.2 | 99.2 |
| 98 | 47.6 | 38.9 | 58.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

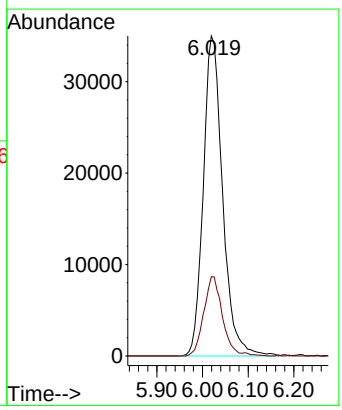
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

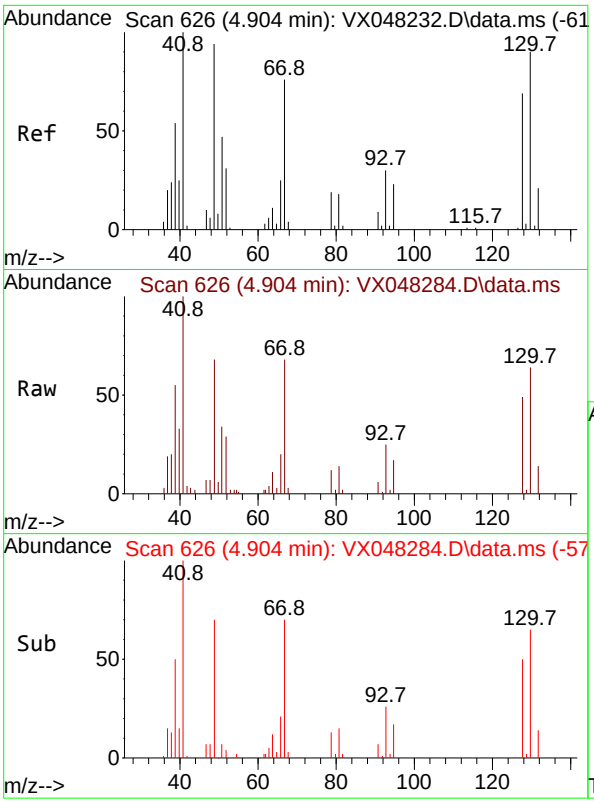



#40
Benzene
Concen: 18.608 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 78 Resp: 102728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.7 | 19.3 | 28.9 |

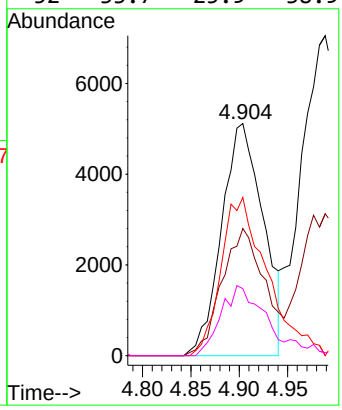





#41
Methacrylonitrile
Concen: 18.516 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 41 Resp: 1532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.1 | 44.0 | 66.0 |
| 67 | 75.6 | 58.7 | 88.1 |
| 52 | 33.7 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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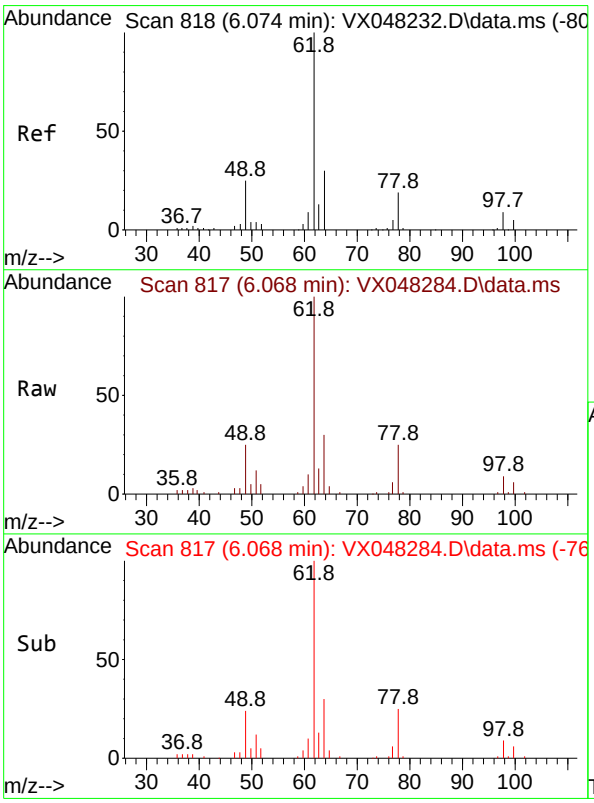
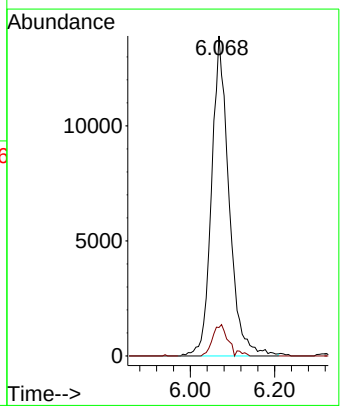
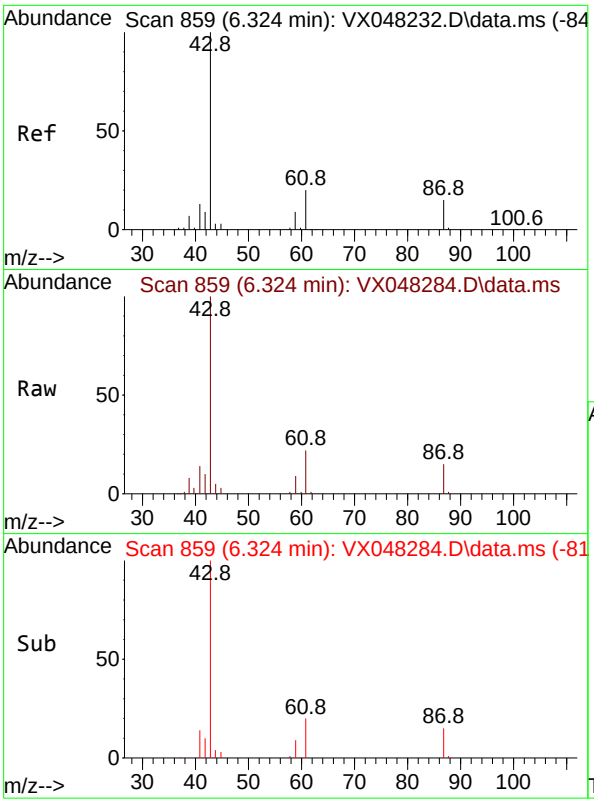



#42
1,2-Dichloroethane
Concen: 19.615 ug/l
RT: 6.068 min Scan# 817
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 62 Resp: 39959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.6 | 0.0 | 17.2 |






#43
Isopropyl Acetate
Concen: 18.537 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

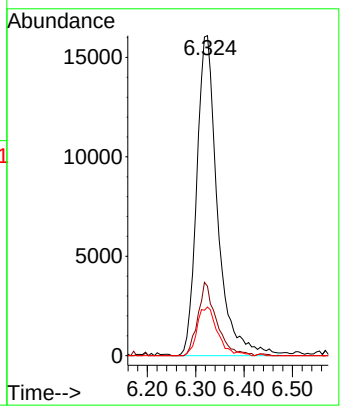
Tgt Ion: 43 Resp: 4799

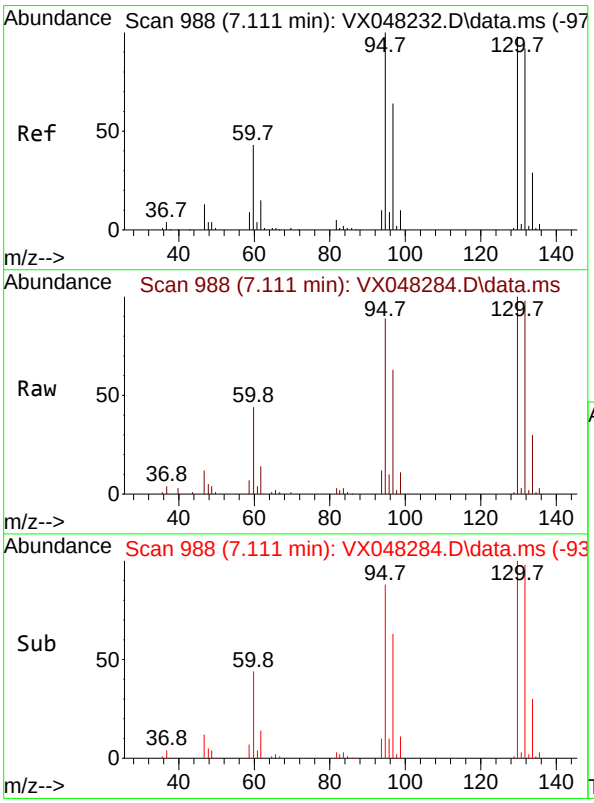
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.5 | 14.9 | 22.3 |
| 87 | 15.0 | 9.4 | 14.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

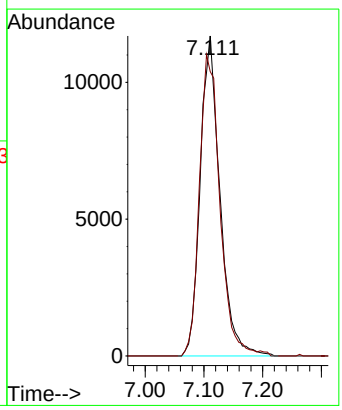


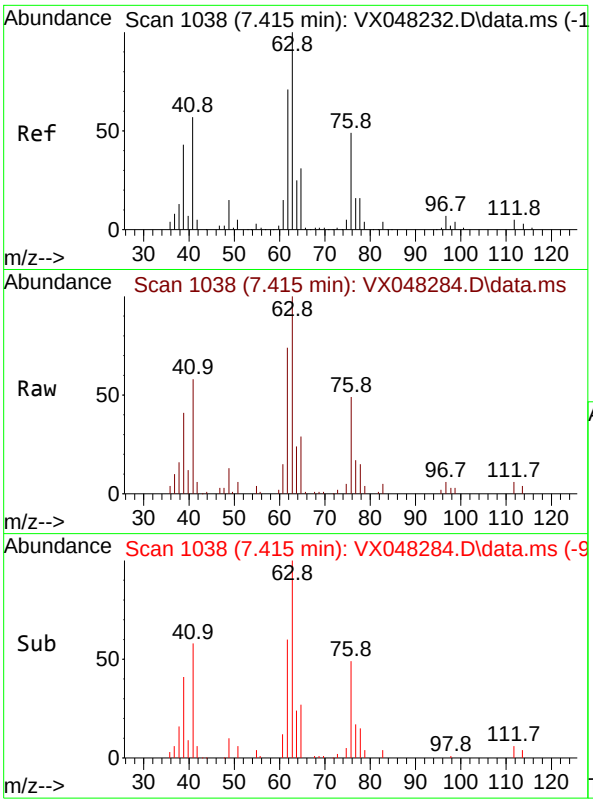




#44
Trichloroethene
Concen: 18.759 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:130 Resp: 27345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 88.9 | 0.0 | 200.6 |

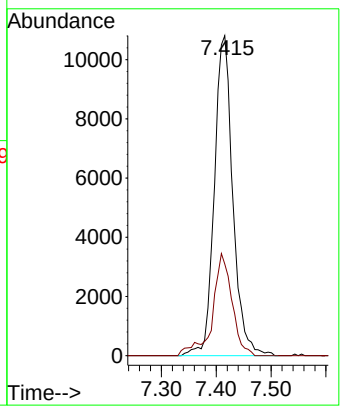





#45
1,2-Dichloropropane
Concen: 19.317 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 63 Resp: 2535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 28.6 | 24.1 | 36.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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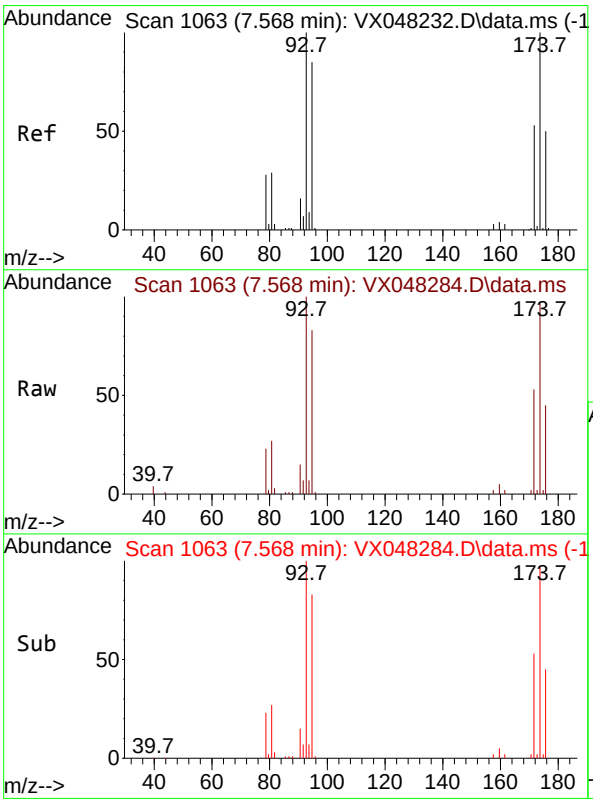
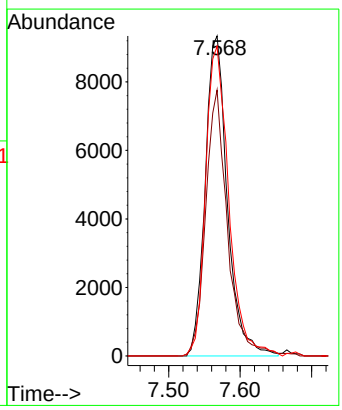
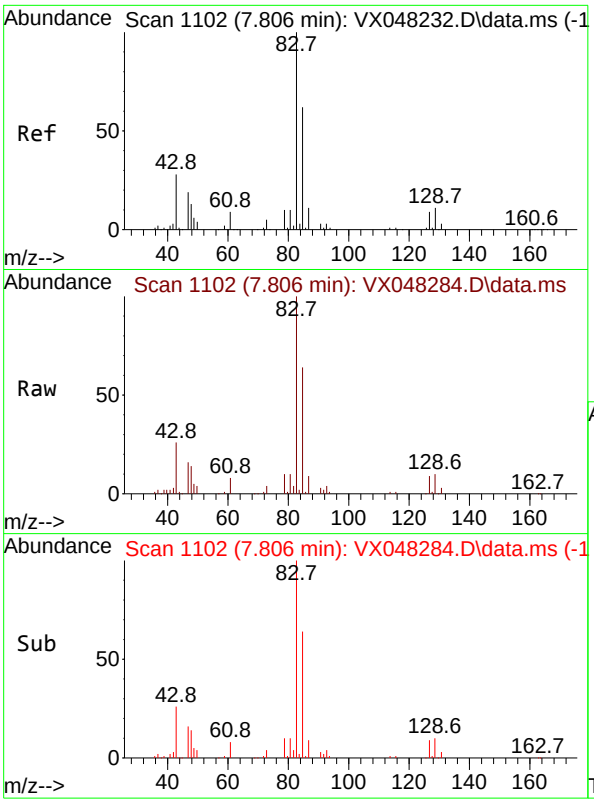



#46
Dibromomethane
Concen: 19.710 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 93 Resp: 20155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.7 | 65.9 | 98.9 |
| 174 | 101.1 | 71.7 | 107.5 |

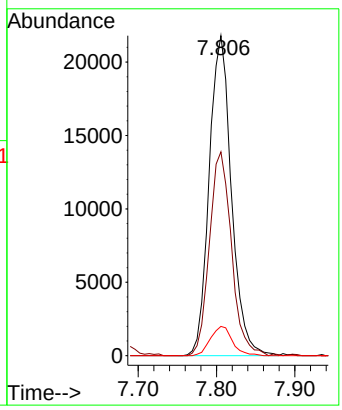





#47
Bromodichloromethane
Concen: 19.480 ug/l
RT: 7.806 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 83 Resp: 4300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.4 | 52.2 | 78.4 |
| 127 | 9.0 | 7.3 | 10.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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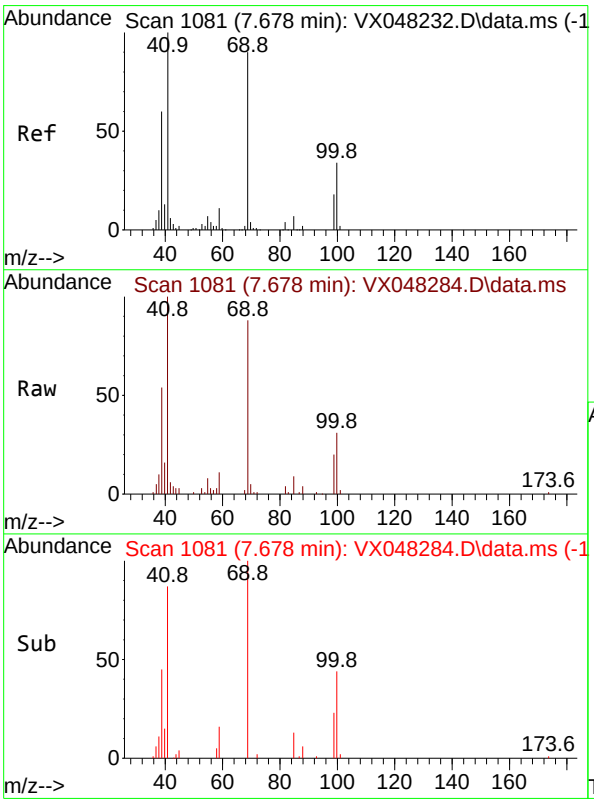
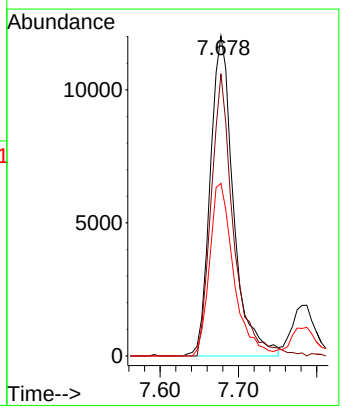
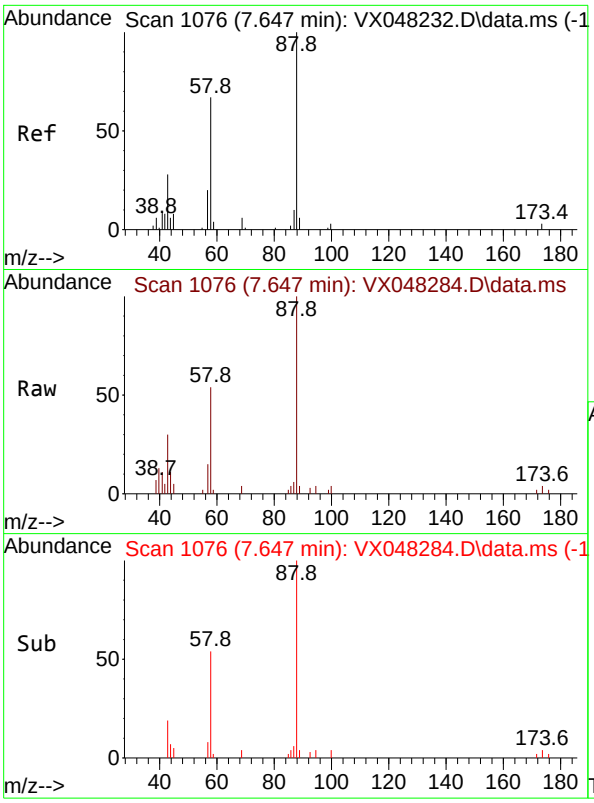



#48
Methyl methacrylate
Concen: 18.959 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 41 Resp: 24768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 84.3 | 63.4 | 95.0 |
| 39 | 56.1 | 47.1 | 70.7 |






#49
1,4-Dioxane
Concen: 397.302 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 88 Resp: 685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.5 | 35.0 | 52.4 |
| 58 | 72.0 | 61.9 | 92.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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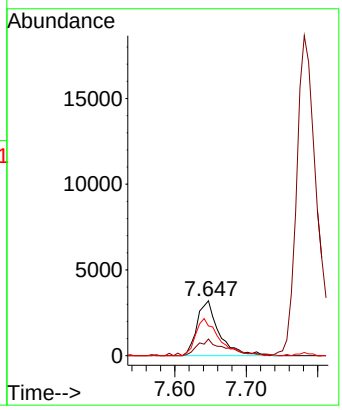
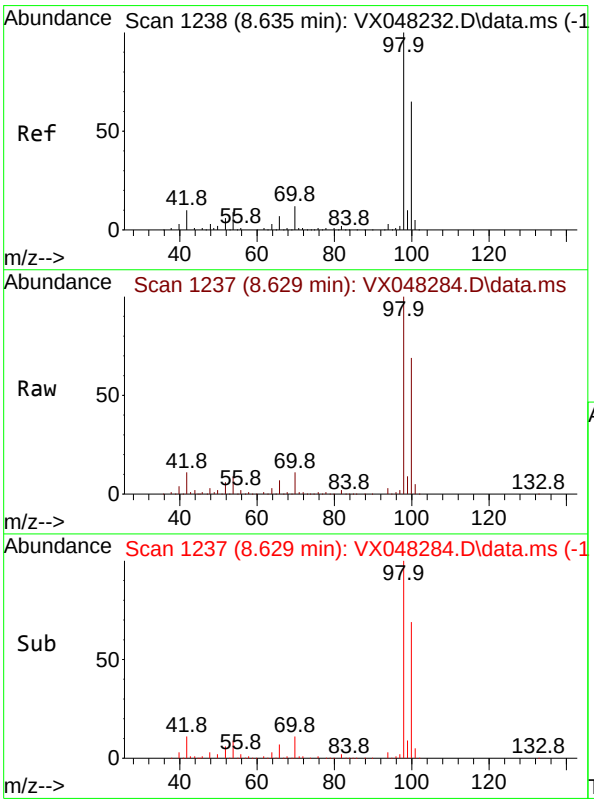
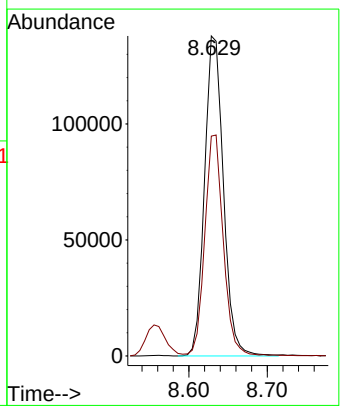


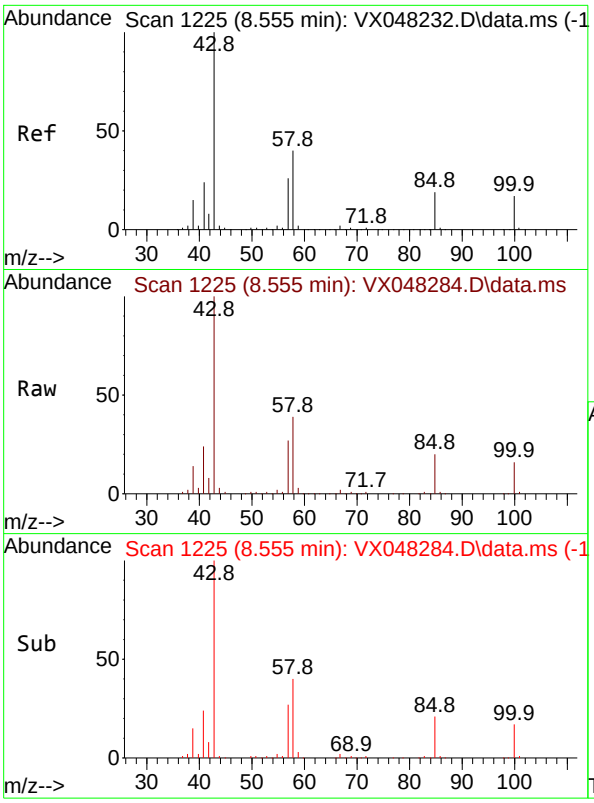




#50
Toluene-d8
Concen: 49.207 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 98 Resp: 230741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.8 | 53.0 | 79.4 |

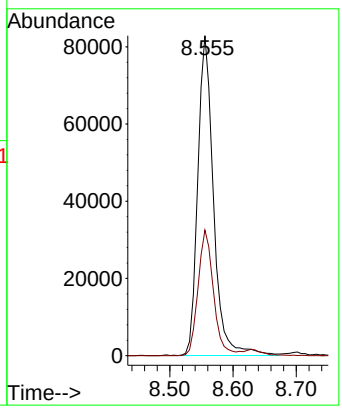





#51
4-Methyl-2-Pentanone
Concen: 96.190 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 14358

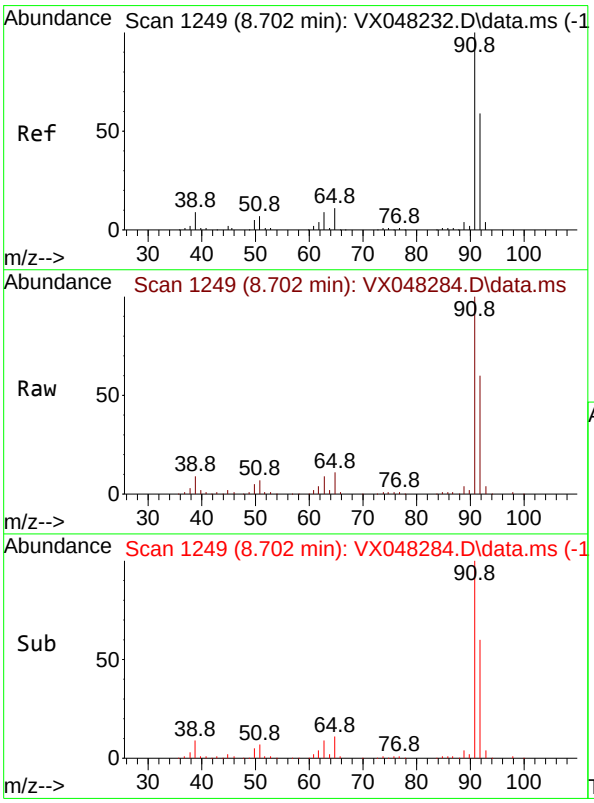
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.3 | 29.5 | 44.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

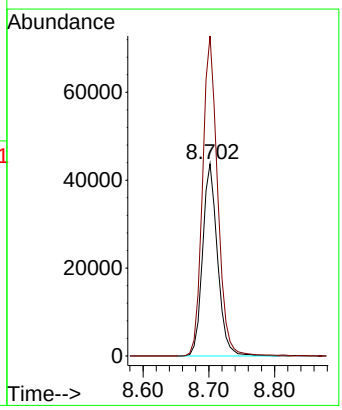
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

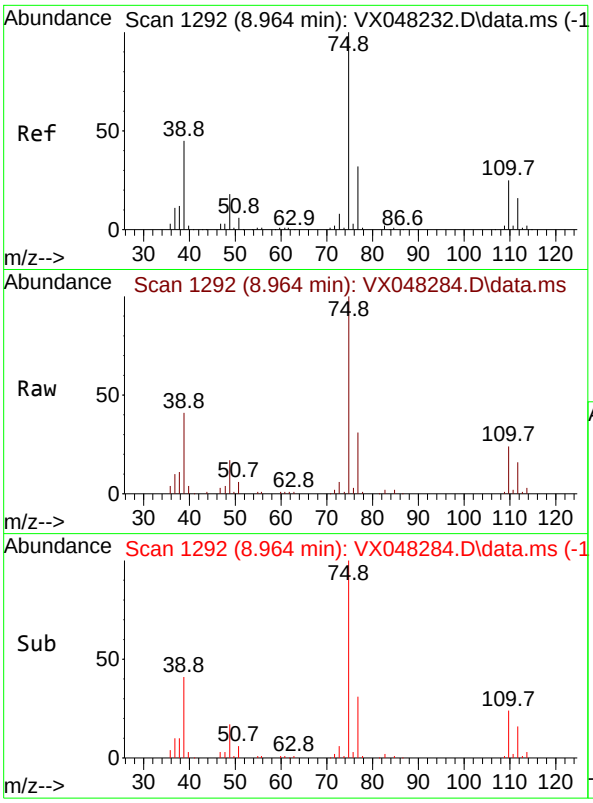



#52
Toluene
Concen: 19.634 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 92 Resp: 68859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.7 | 136.1 | 204.1 |

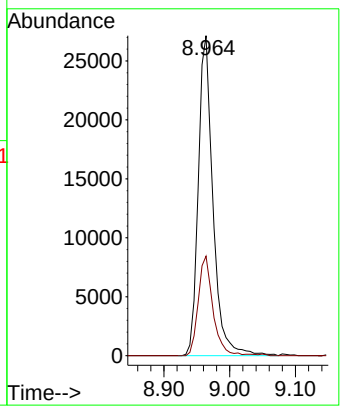





#53
t-1,3-Dichloropropene
Concen: 19.787 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 4210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 25.0 | 37.6 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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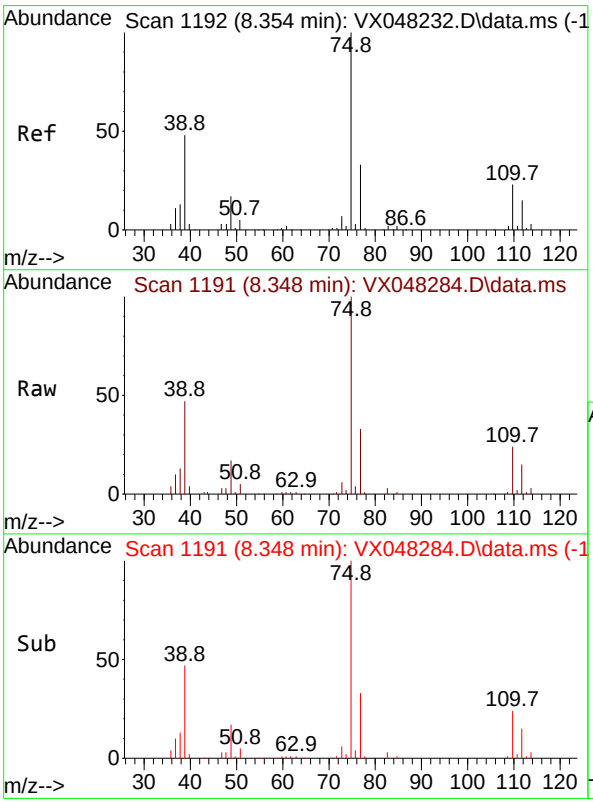
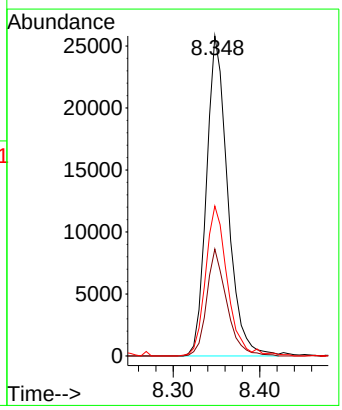
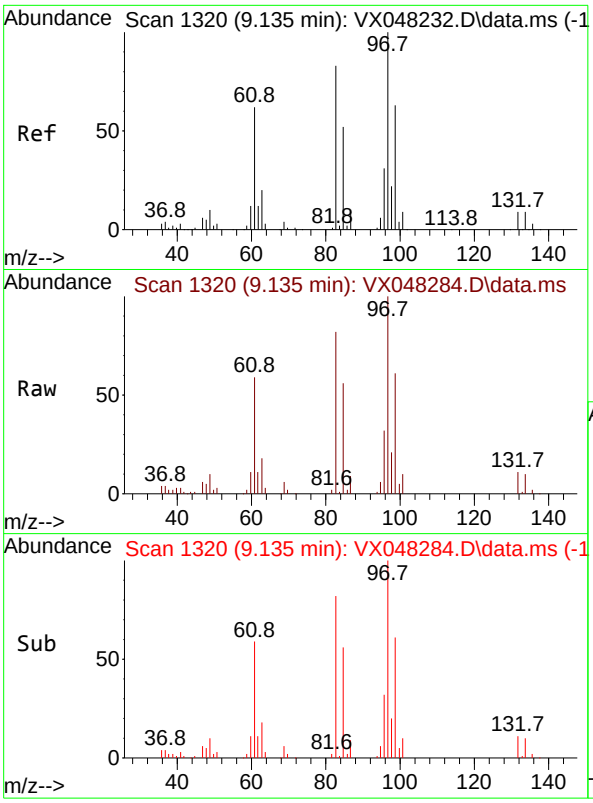



#54
cis-1,3-Dichloropropene
Concen: 19.150 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 43961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.4 | 24.9 | 37.3 |
| 39 | 45.1 | 42.6 | 64.0 |

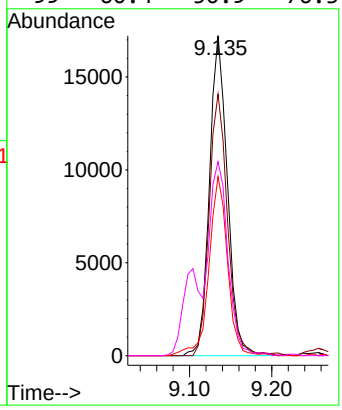





#55
1,1,2-Trichloroethane
Concen: 20.033 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 97 Resp: 2612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 81.8 | 70.6 | 105.8 |
| 85 | 56.0 | 45.0 | 67.6 |
| 99 | 60.4 | 50.9 | 76.3 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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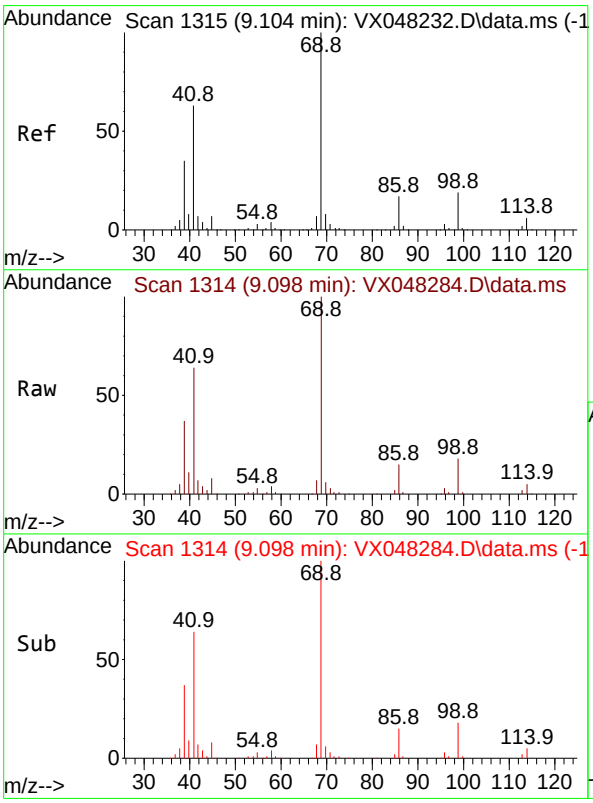
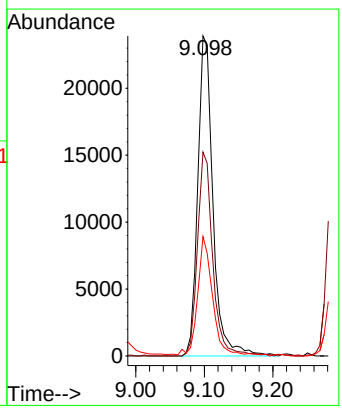
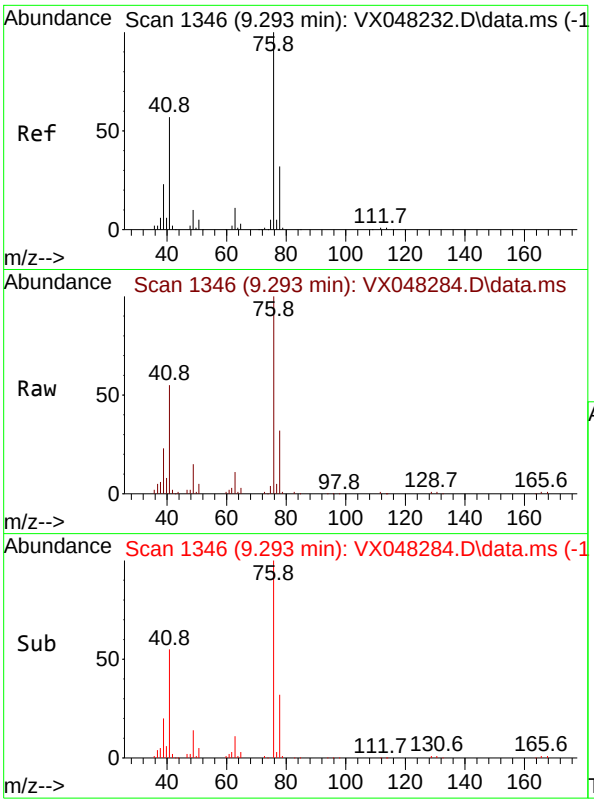



#56
Ethyl methacrylate
Concen: 19.415 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 69 Resp: 37038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.0 | 56.0 | 84.0 |
| 39 | 37.2 | 31.6 | 47.4 |

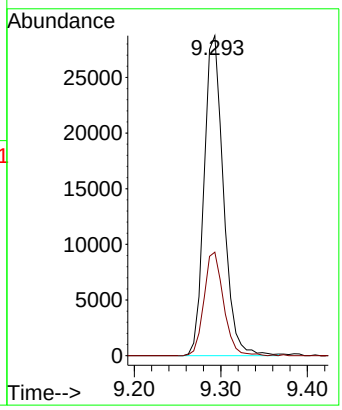





#57
1,3-Dichloropropane
Concen: 19.965 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 76 Resp: 4447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.7 | 25.4 | 38.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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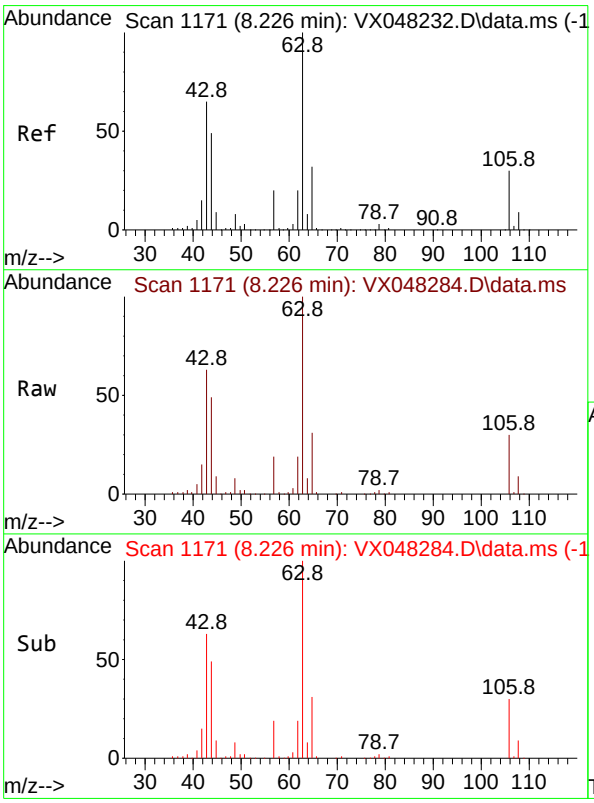
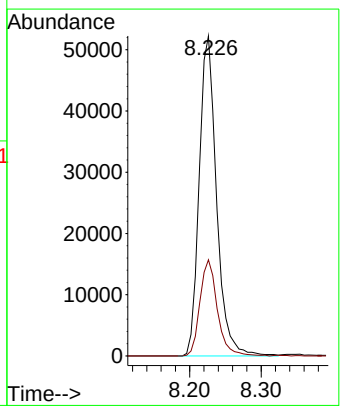
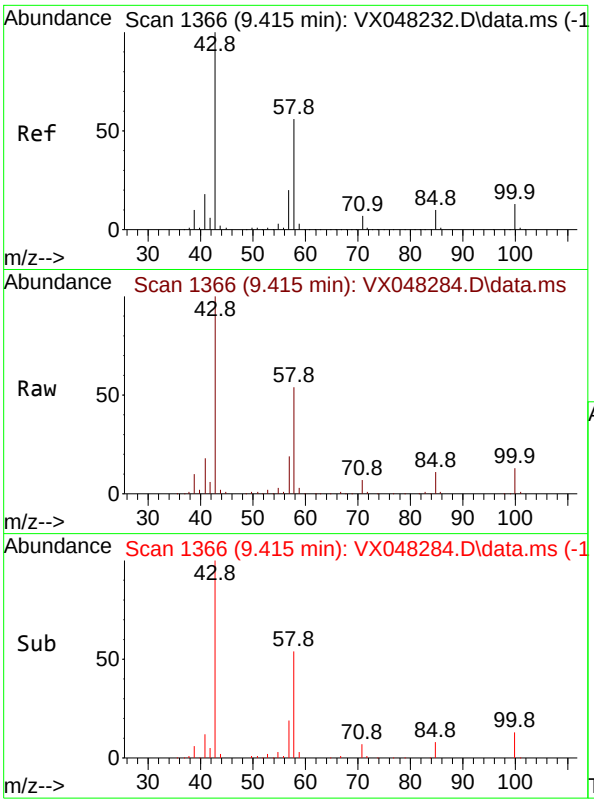



#58
2-Chloroethyl Vinyl ether
Concen: 86.903 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 63 Resp: 87997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.2 | 22.2 | 33.2 |






#59
2-Hexanone
Concen: 96.700 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 10064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.4 | 26.3 | 78.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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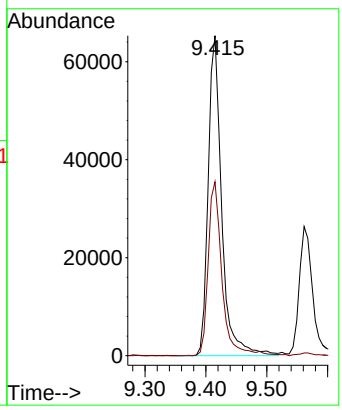
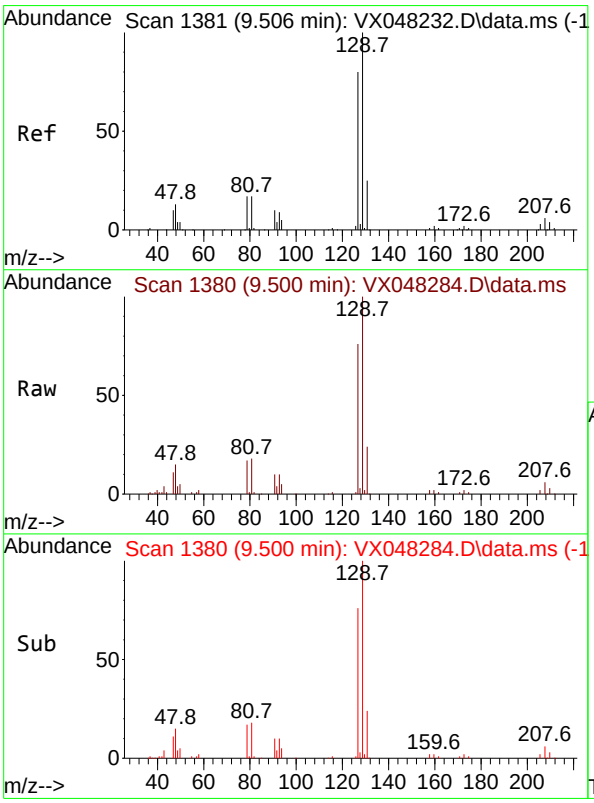
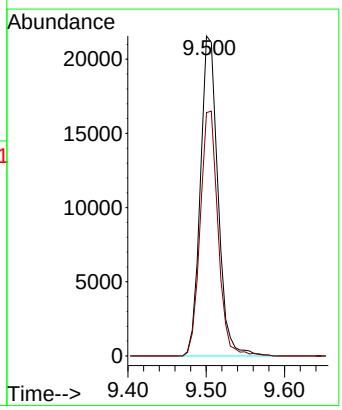


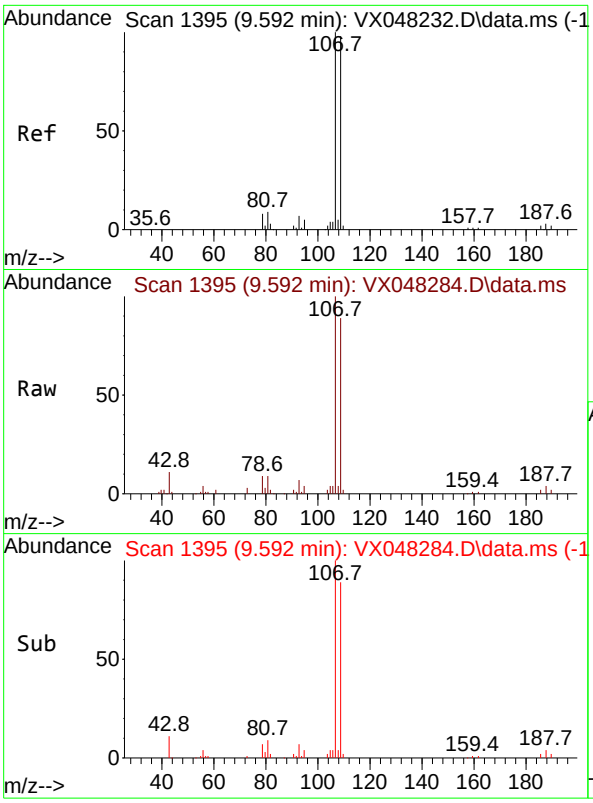




#60
Dibromochloromethane
Concen: 19.161 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:129 Resp: 33589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 38.6 | 115.7 |

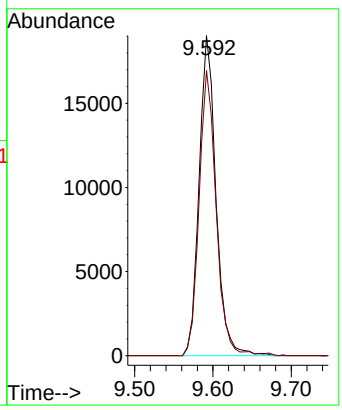





#61
1,2-Dibromoethane
Concen: 20.496 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:107 Resp: 2849

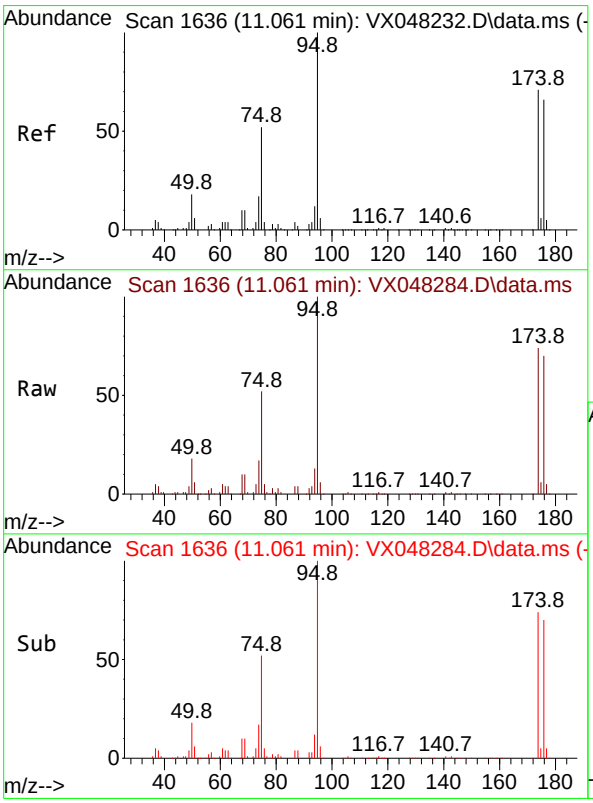
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 89.8 | 77.0 | 115.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

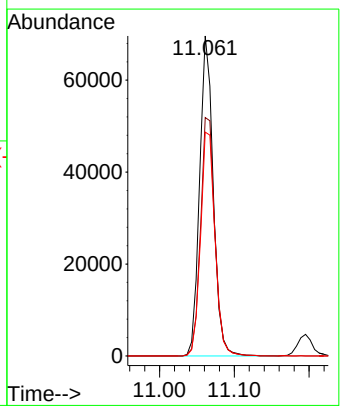
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

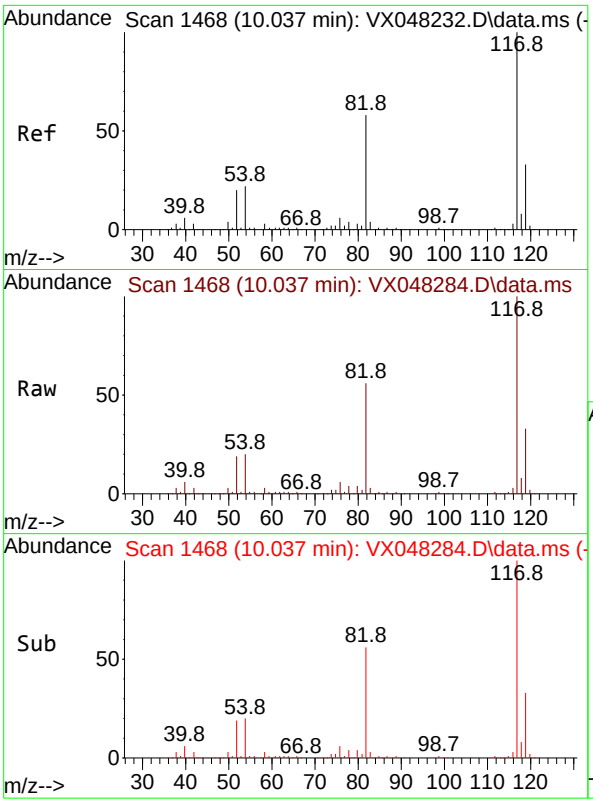



#62
4-Bromofluorobenzene
Concen: 49.387 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 95 Resp: 88101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.5 | 0.0 | 147.8 |
| 176 | 74.2 | 0.0 | 142.8 |

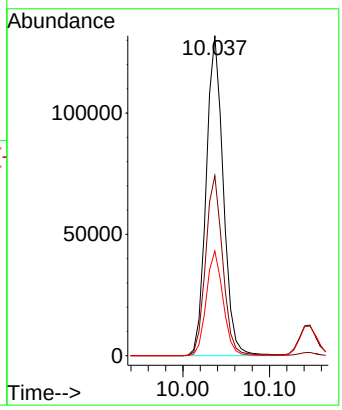





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:117 Resp: 18062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.3 | 46.5 | 69.7 |
| 119 | 32.7 | 25.9 | 38.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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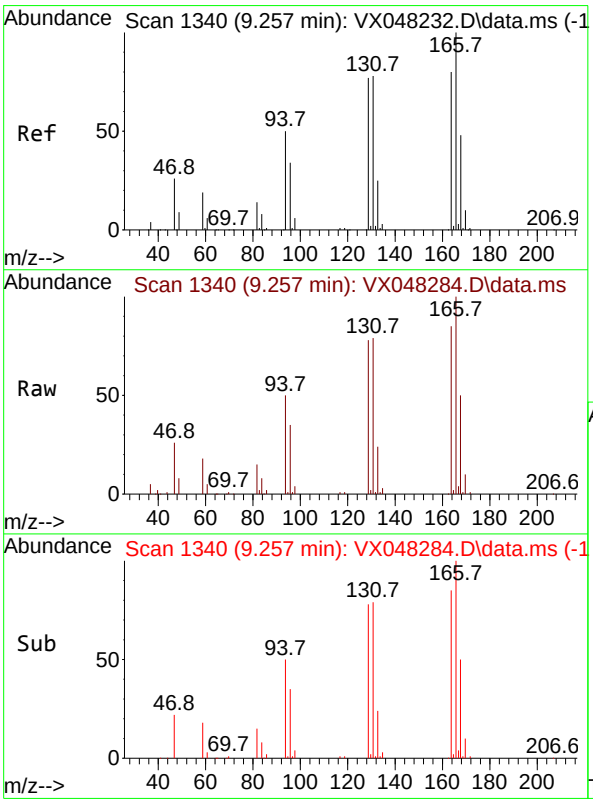
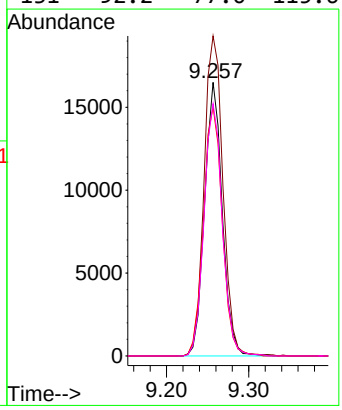
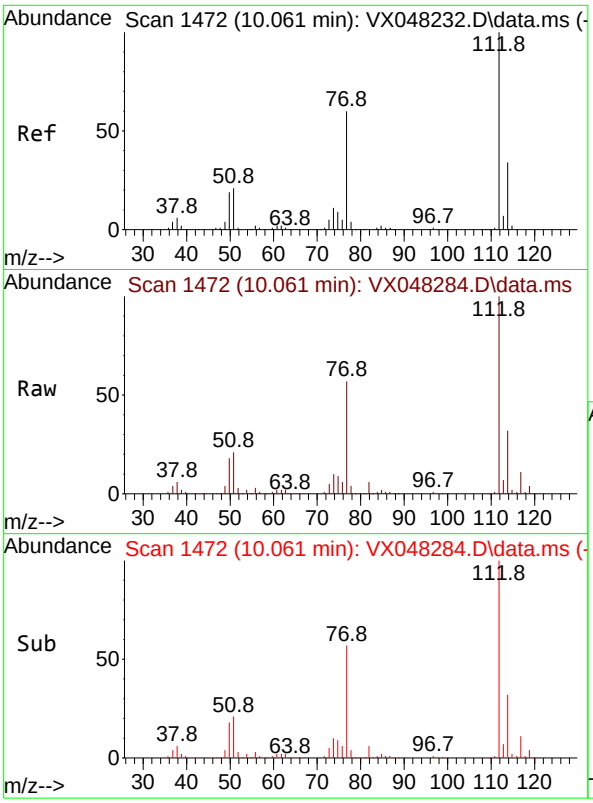



#64
Tetrachloroethene
Concen: 18.287 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:164 Resp: 24658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 117.0 | 104.5 | 156.7 |
| 129 | 91.0 | 81.8 | 122.6 |
| 131 | 92.2 | 77.0 | 115.6 |






#65
Chlorobenzene
Concen: 19.140 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:112 Resp: 7776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.9 | 26.2 | 39.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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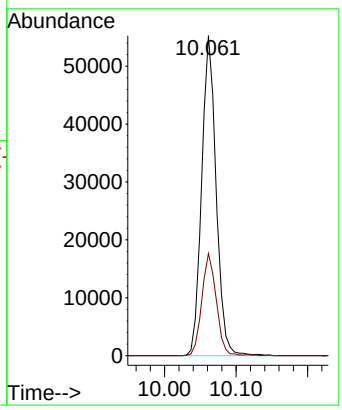
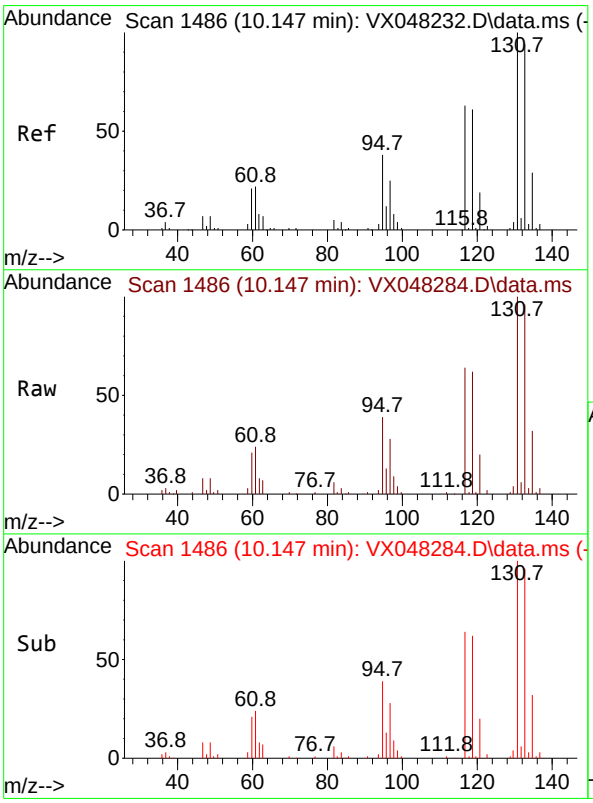
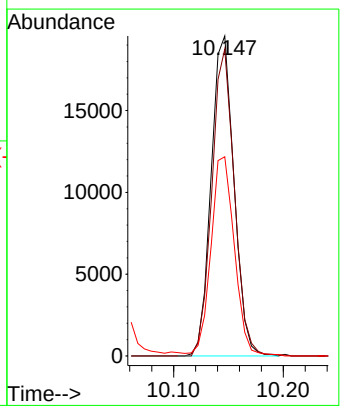


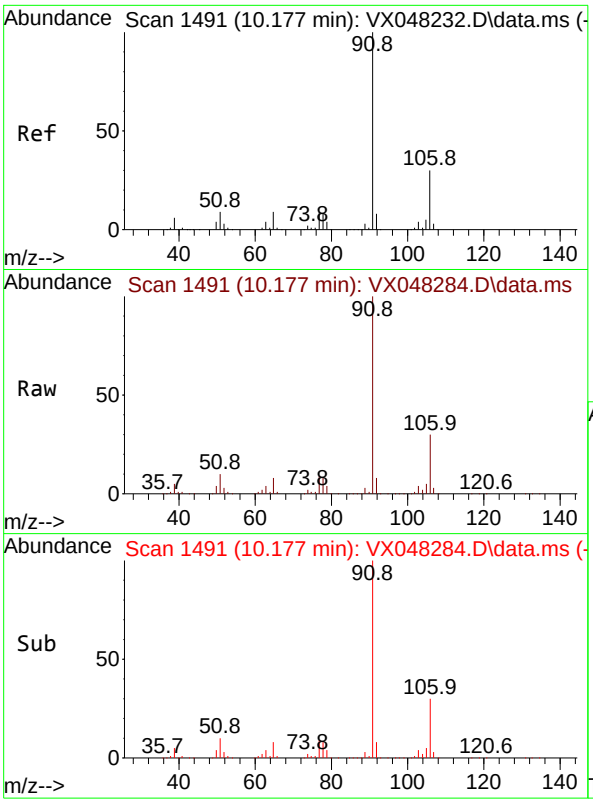




#66
1,1,1,2-Tetrachloroethane
Concen: 18.982 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:131 Resp: 28328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.8 | 47.6 | 142.8 |
| 119 | 64.1 | 32.5 | 97.5 |






#67
Ethyl Benzene
Concen: 18.749 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 91 Resp: 12970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.2 | 23.8 | 35.6 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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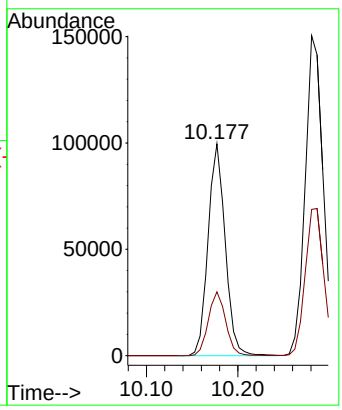
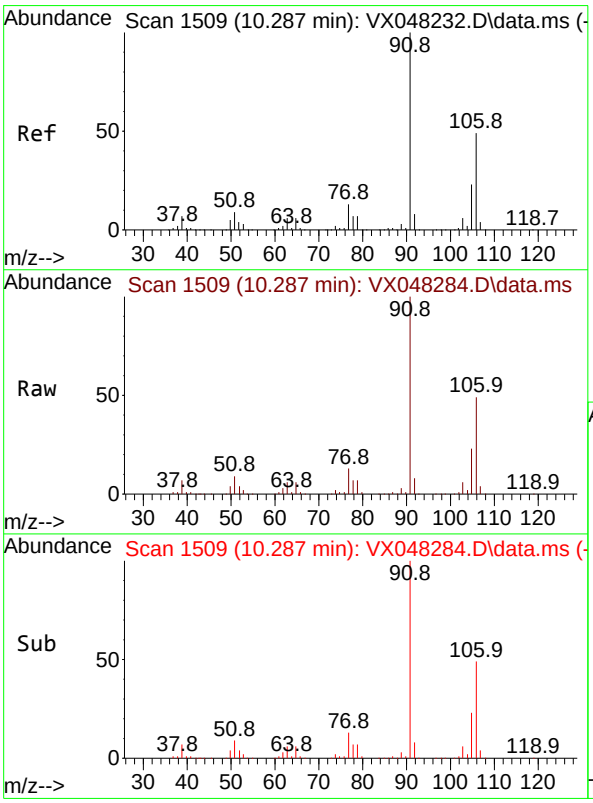
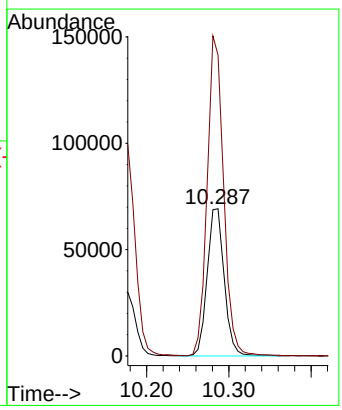


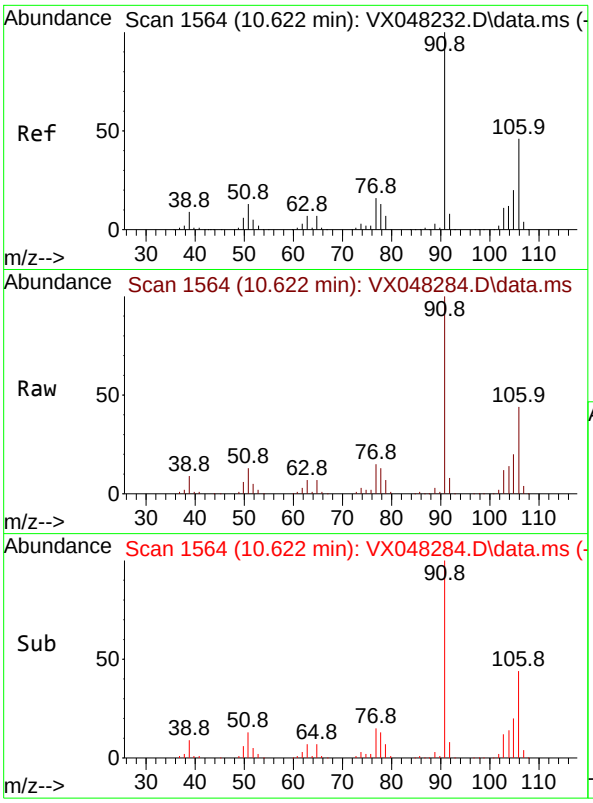




#68
m/p-Xylenes
Concen: 38.899 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:106 Resp: 99982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 208.7 | 167.9 | 251.9 |

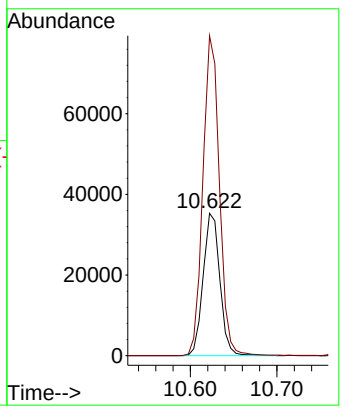





#69
o-Xylene
Concen: 19.068 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:106 Resp: 4731

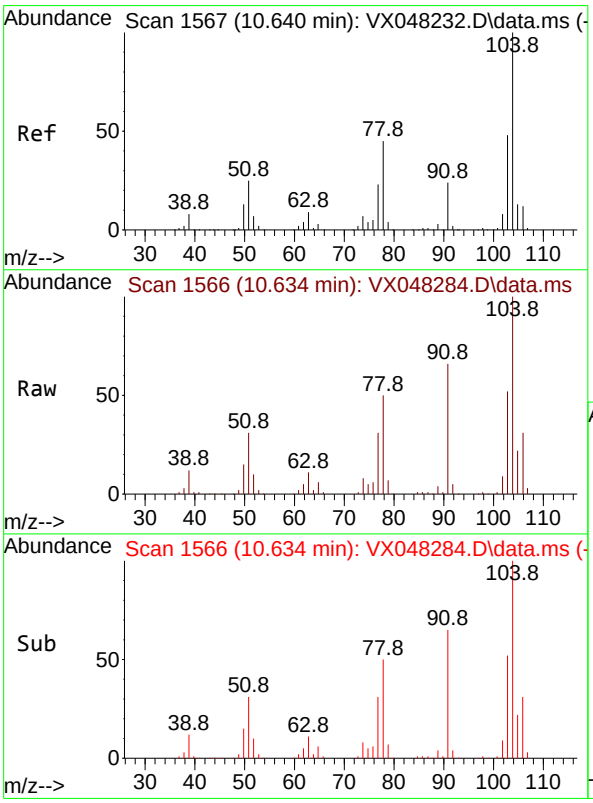
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.3 | 111.3 | 333.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

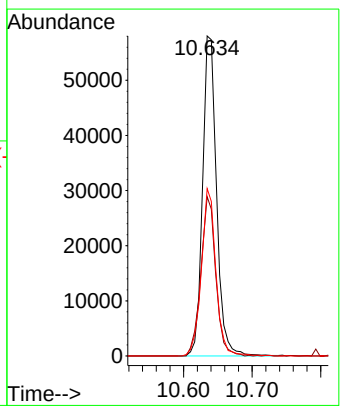
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

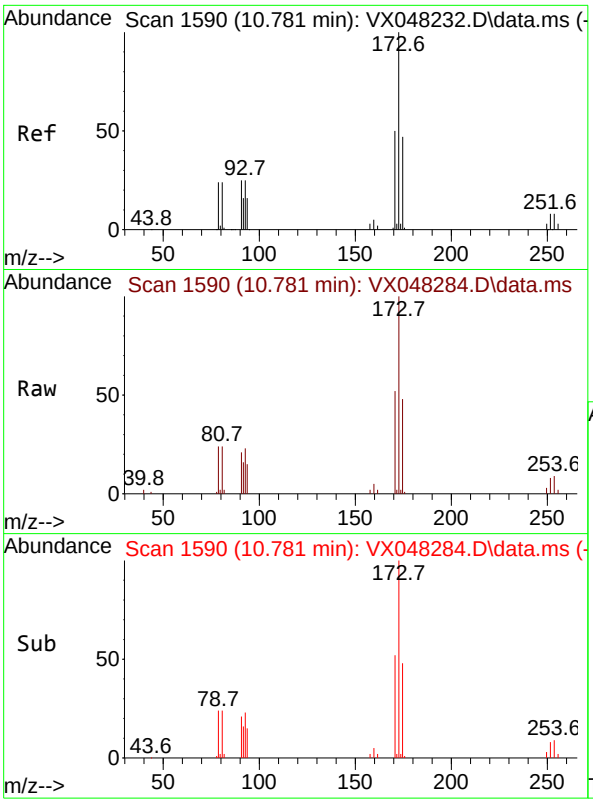



#70
Styrene
Concen: 19.558 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:104 Resp: 82638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.7 | 42.2 | 63.4 |
| 103 | 54.3 | 43.0 | 64.4 |

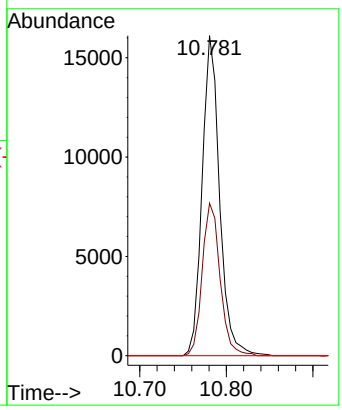





#71
Bromoform
Concen: 18.905 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:173 Resp: 2255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.8 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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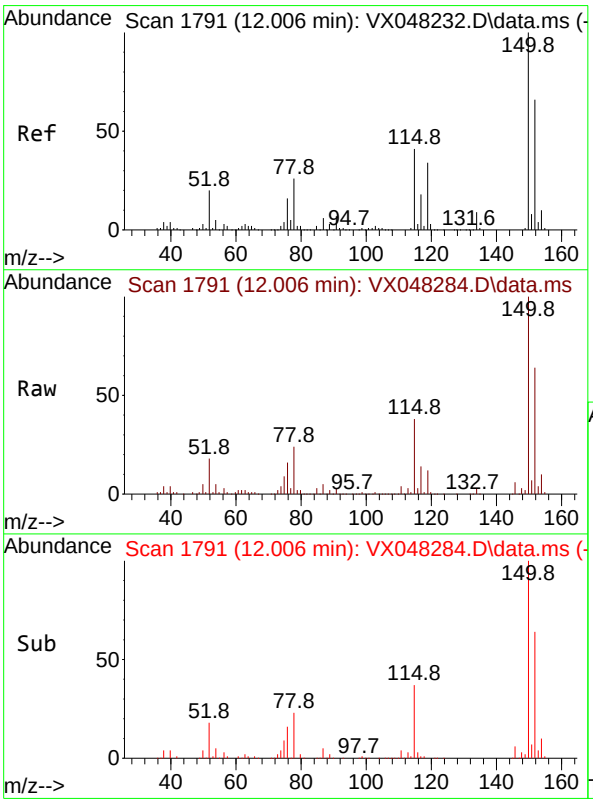
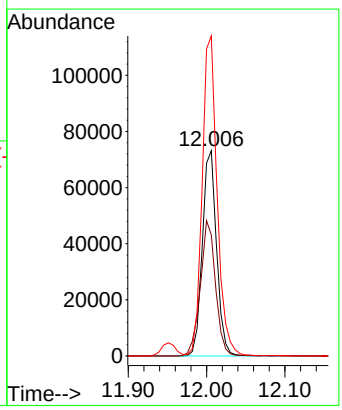
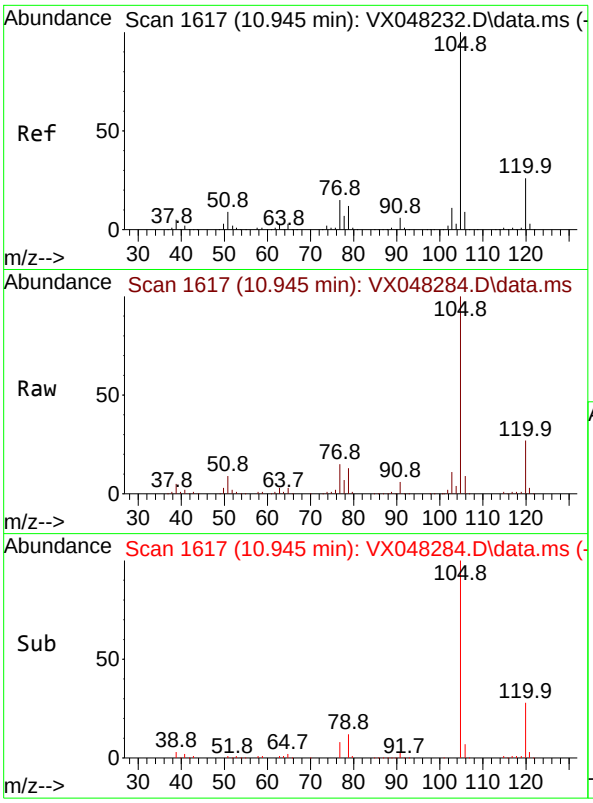



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:152 Resp: 92297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 70.1 | 43.1 | 129.4 |
| 150 | 162.8 | 0.0 | 353.0 |






#73
Isopropylbenzene
Concen: 18.532 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:105 Resp: 12492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 13.0 | 38.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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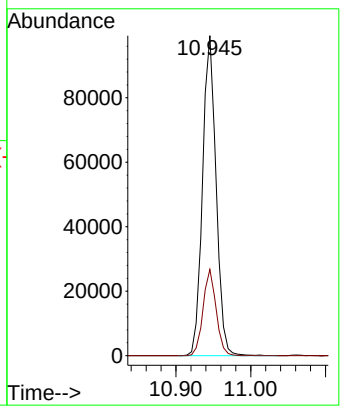
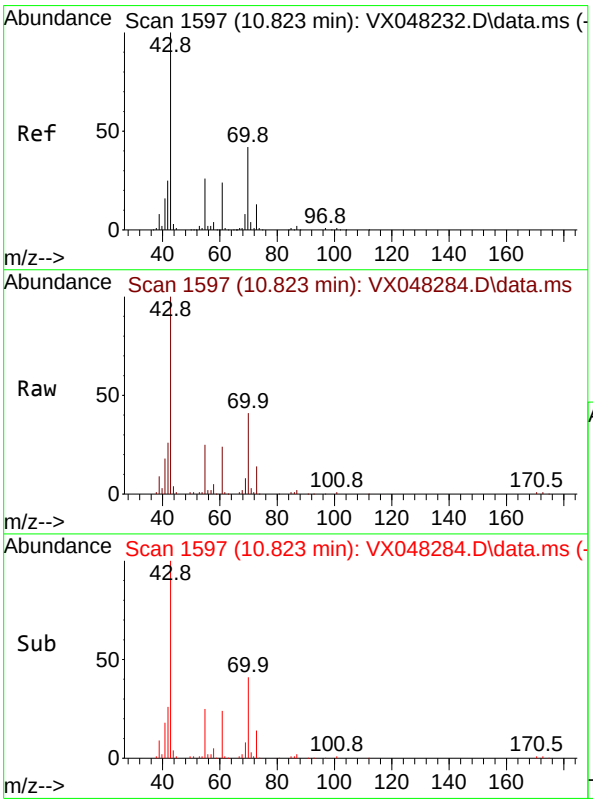
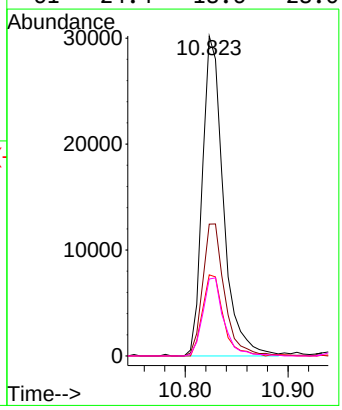


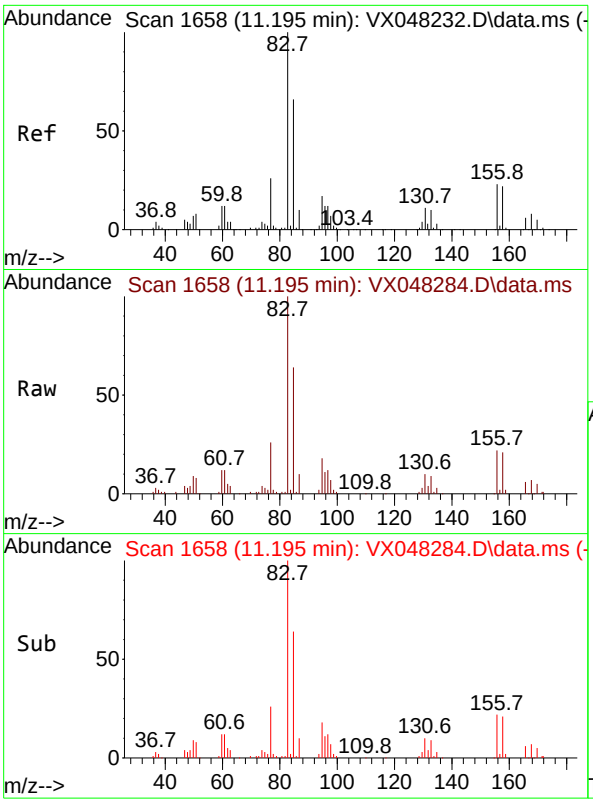




#74
N-amyl acetate
Concen: 17.899 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 42802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.3 | 32.2 | 48.2 |
| 55 | 25.2 | 19.1 | 28.7 |
| 61 | 24.4 | 18.6 | 28.0 |

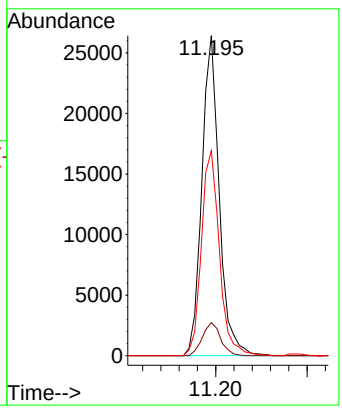





#75
1,1,2,2-Tetrachloroethane
Concen: 18.887 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 83 Resp: 3477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.8 | 4.8 | 14.4 |
| 85 | 66.4 | 31.9 | 95.7 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 10/24/2025
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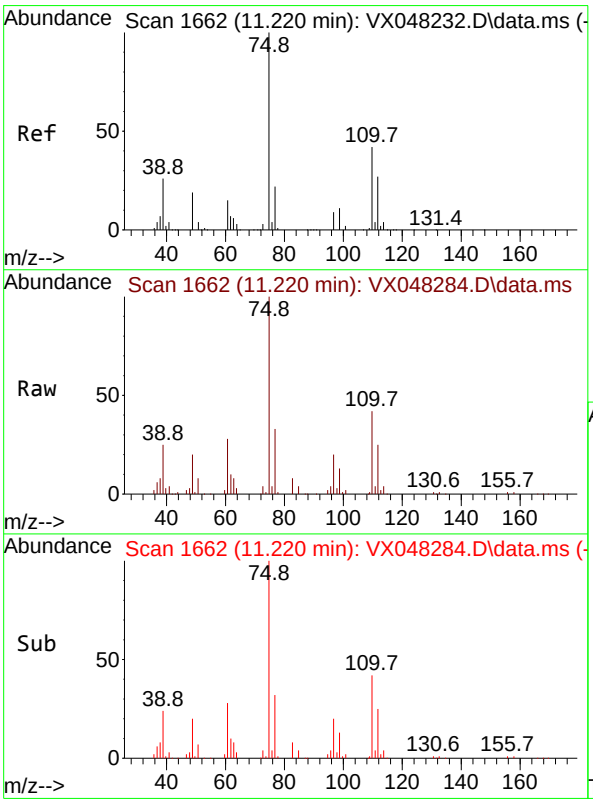
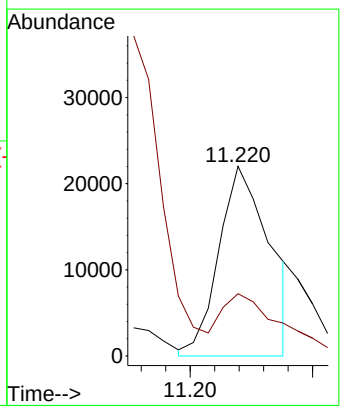
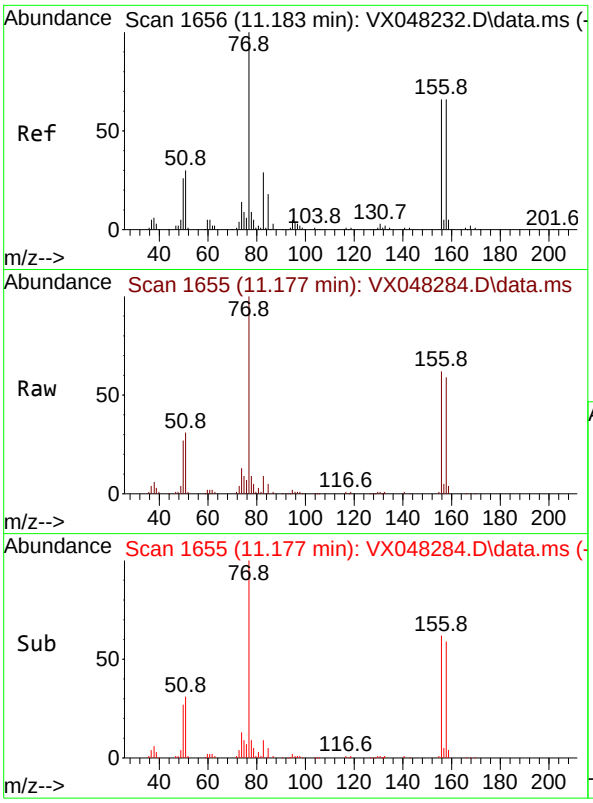



#76
1,2,3-Trichloropropane
Concen: 21.197 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 31727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.8 | 22.4 | 67.2 |

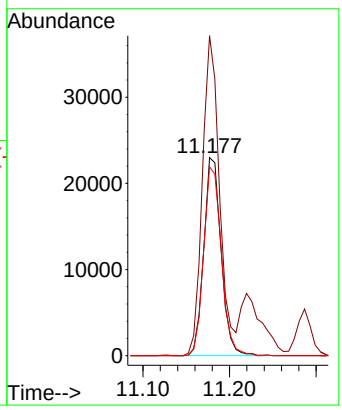





#77
Bromobenzene
Concen: 18.917 ug/l
RT: 11.177 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:156 Resp: 3197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 159.4 | 87.0 | 261.0 |
| 158 | 97.5 | 47.8 | 143.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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Reviewed By :John Carlone 10/24/2025
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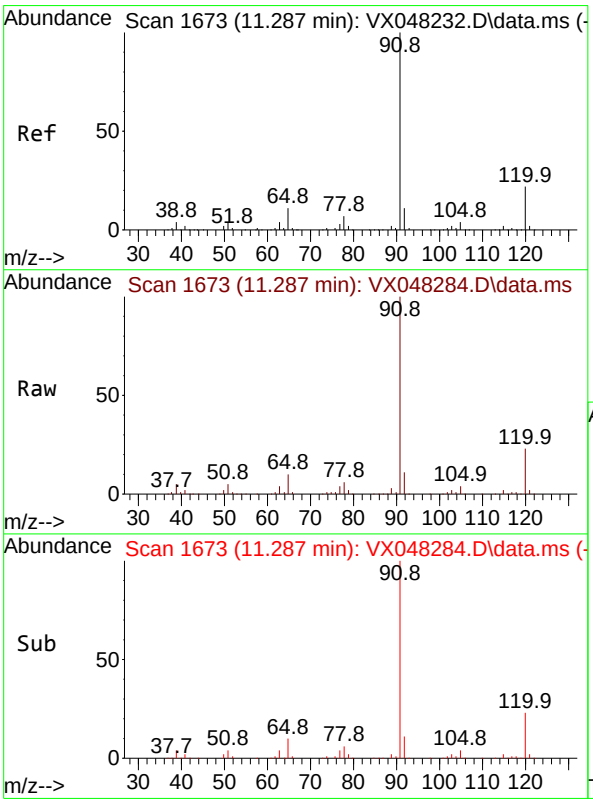
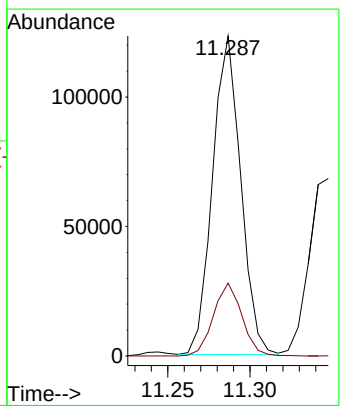
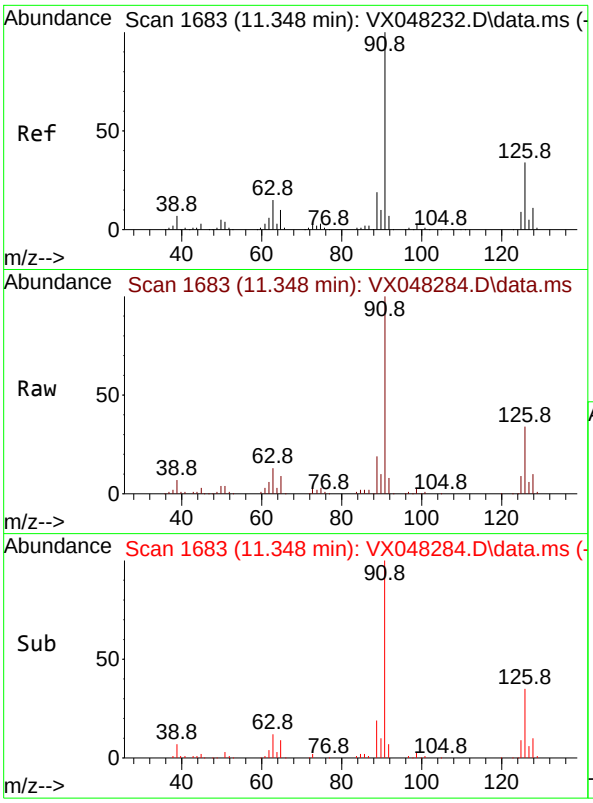



#78
n-propylbenzene
Concen: 18.800 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 91 Resp: 146740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.1 | 11.1 | 33.1 |






#79
2-Chlorotoluene
Concen: 19.047 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 91 Resp: 9013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.1 | 16.4 | 49.4 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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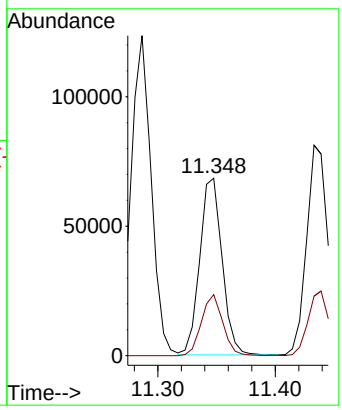
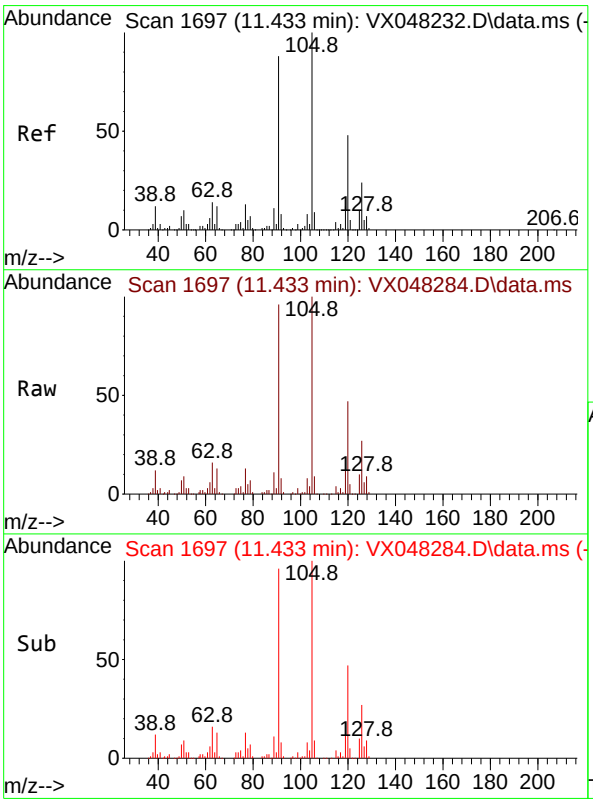
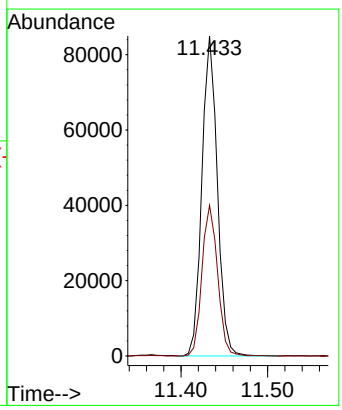


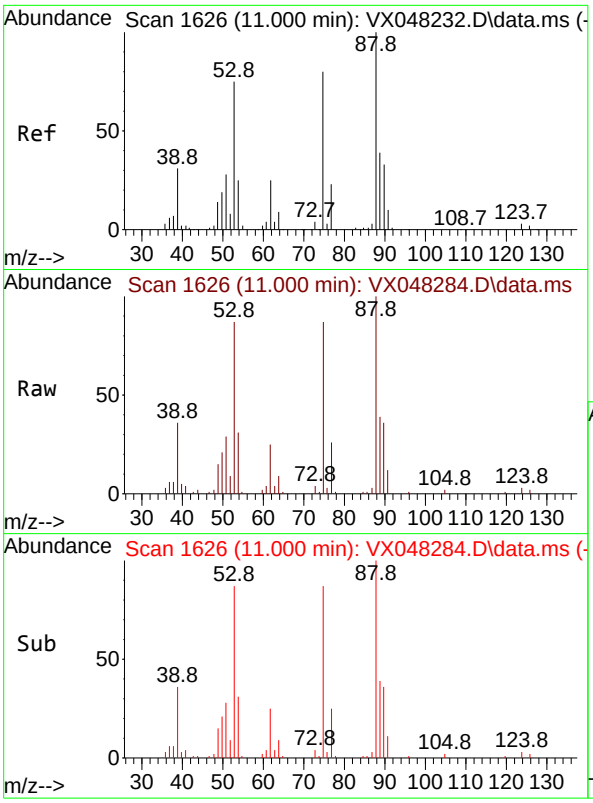




#80
1,3,5-Trimethylbenzene
Concen: 18.861 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:105 Resp: 105222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.6 | 24.0 | 72.0 |






#81
trans-1,4-Dichloro-2-butene
Concen: 17.303 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 1064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 103.6 | 79.5 | 119.3 |
| 89 | 48.7 | 36.8 | 55.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
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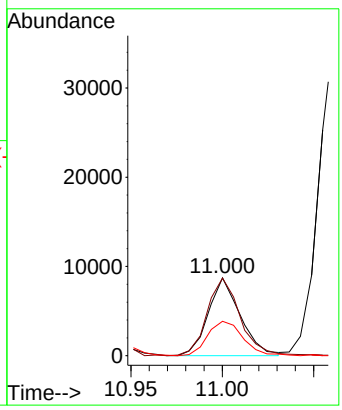
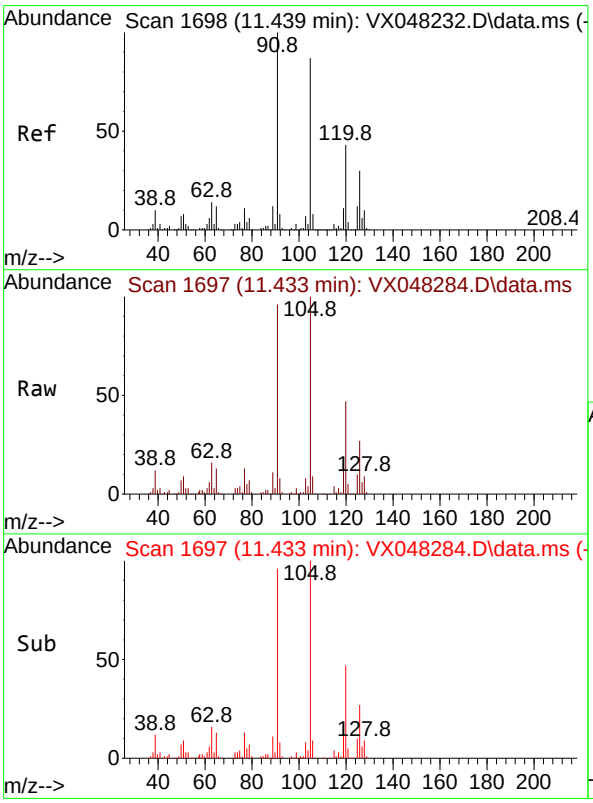
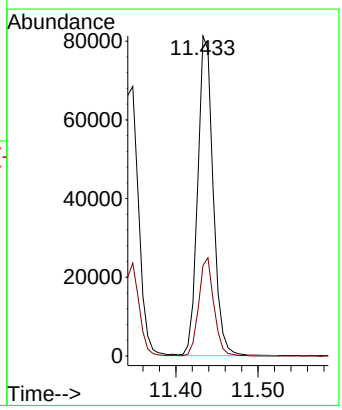


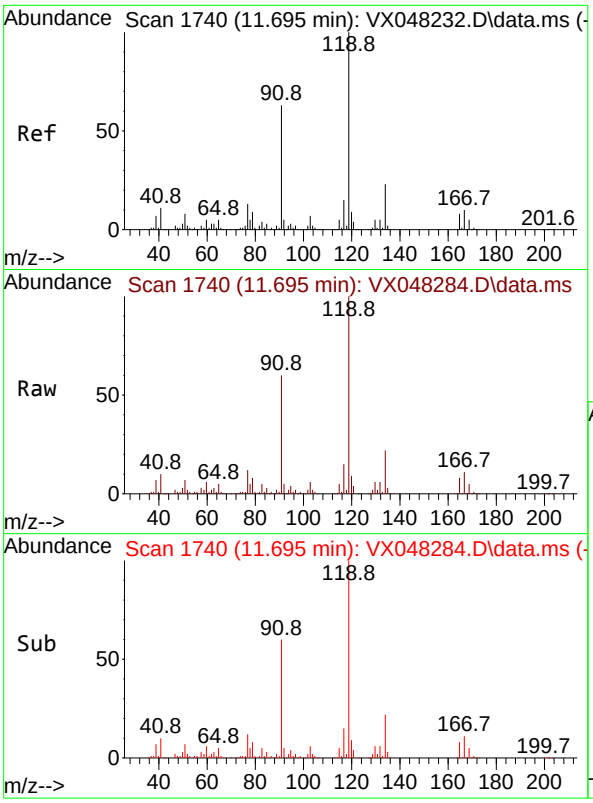




#82
4-Chlorotoluene
Concen: 18.803 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 91 Resp: 105630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.2 | 14.1 | 42.4 |






#83
tert-Butylbenzene
Concen: 18.752 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:119 Resp: 10748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.4 | 30.3 | 91.0 |
| 134 | 22.4 | 11.4 | 34.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

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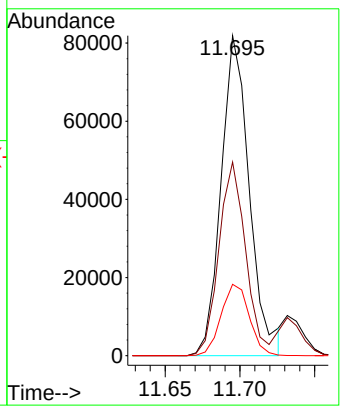
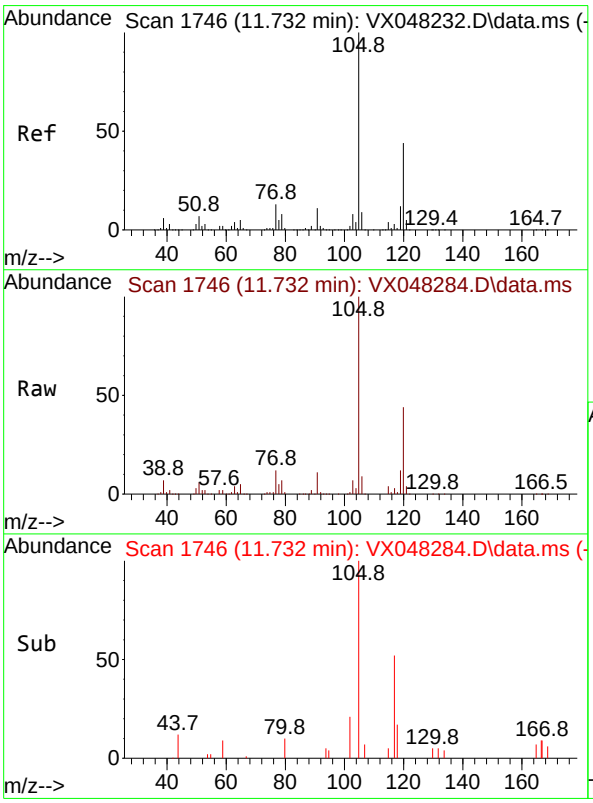
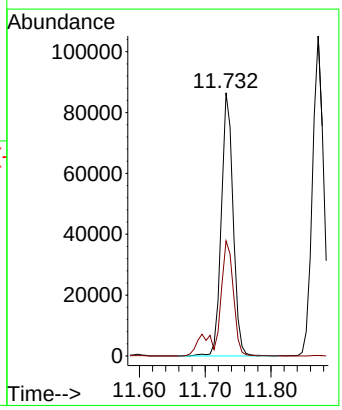


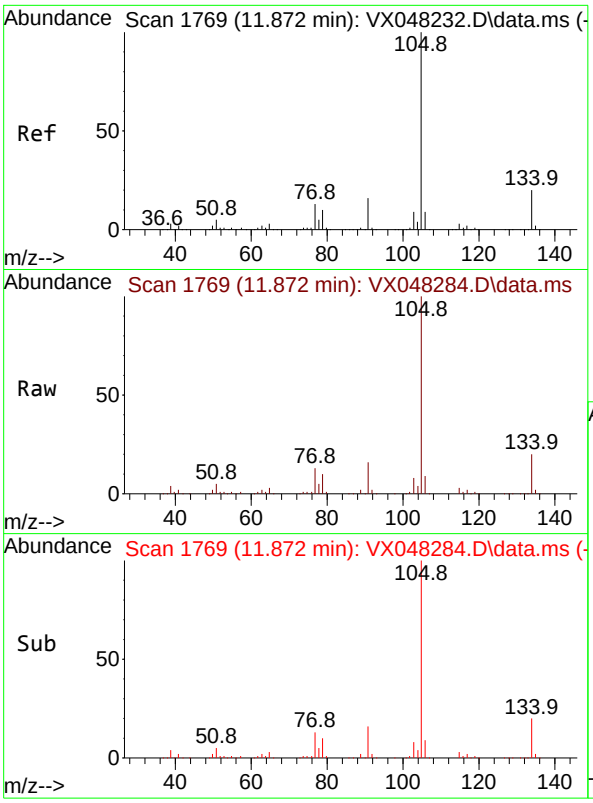




#84
1,2,4-Trimethylbenzene
Concen: 19.382 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:105 Resp: 107910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.9 | 22.1 | 66.5 |

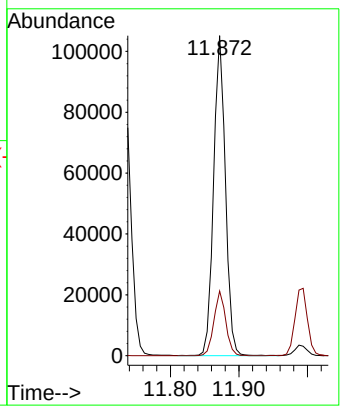





#85
sec-Butylbenzene
Concen: 18.276 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:105 Resp: 12603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.1 | 30.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 10/24/2025
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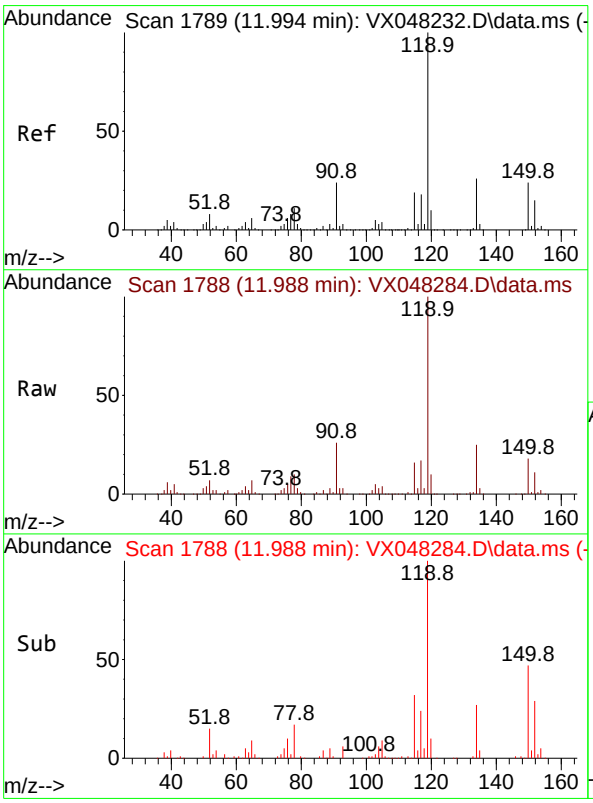
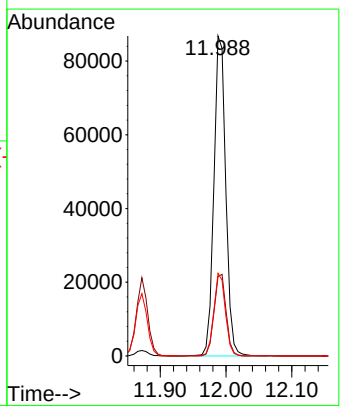
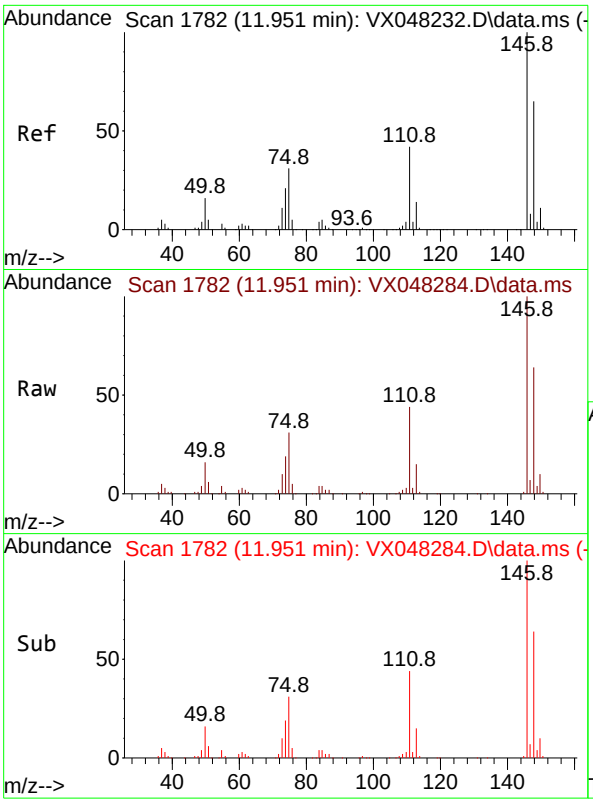



#86
p-Isopropyltoluene
Concen: 18.291 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:119 Resp: 109030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.8 | 13.0 | 39.0 |
| 91 | 25.1 | 12.1 | 36.3 |

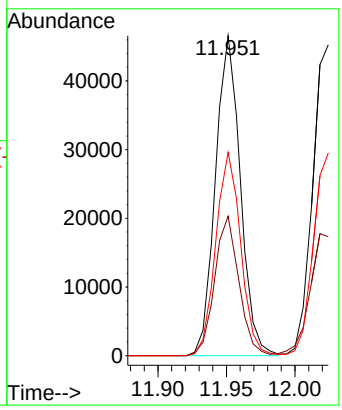





#87
1,3-Dichlorobenzene
Concen: 18.459 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:146 Resp: 5882

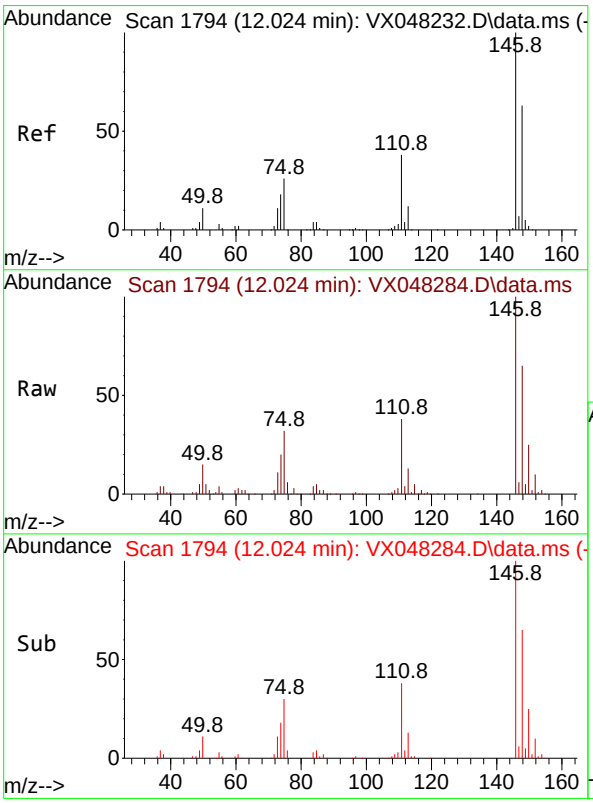
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 20.4 | 61.2 |
| 148 | 63.6 | 31.9 | 95.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

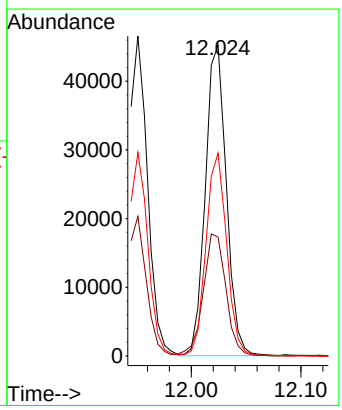
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

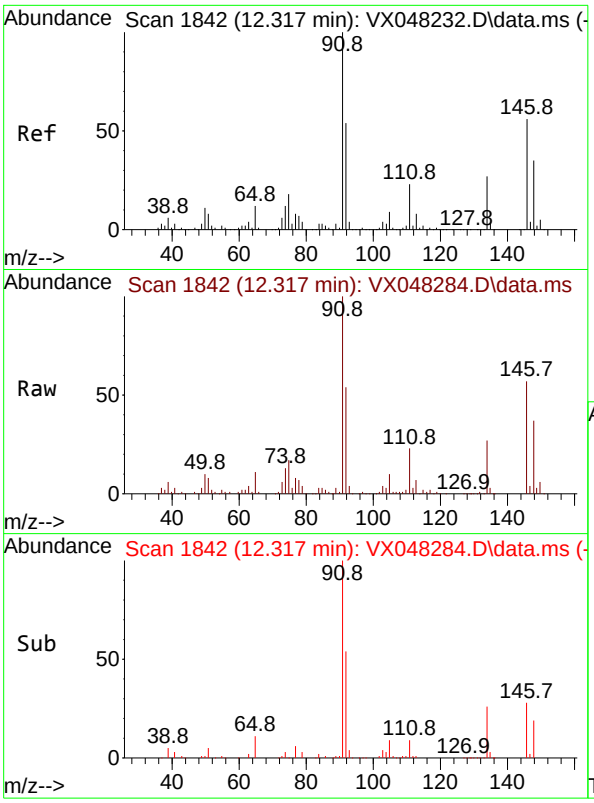



#88
1,4-Dichlorobenzene
Concen: 18.231 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:146 Resp: 60184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.6 | 20.1 | 60.2 |
| 148 | 64.6 | 31.8 | 95.3 |

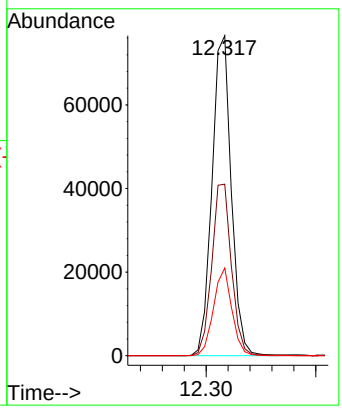





#89
n-Butylbenzene
Concen: 17.258 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 91 Resp: 9363

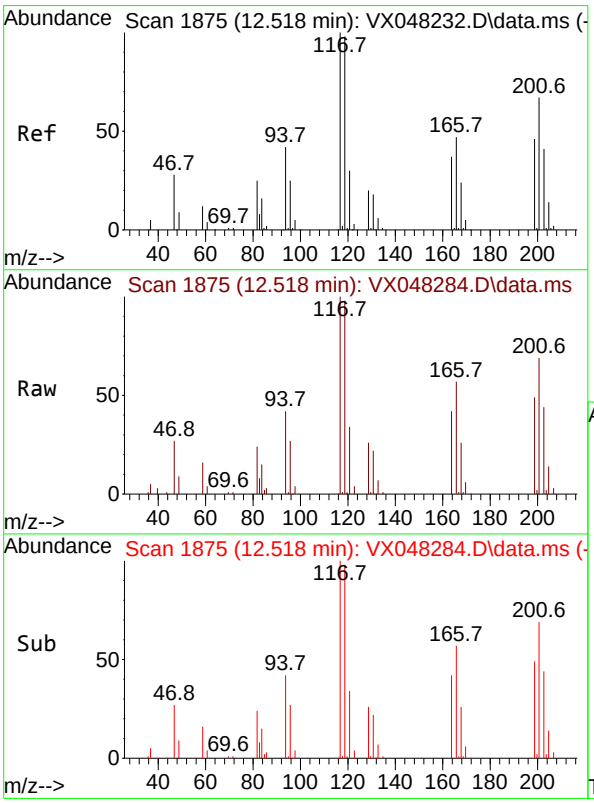
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.9 | 26.9 | 80.6 |
| 134 | 26.0 | 12.7 | 38.1 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

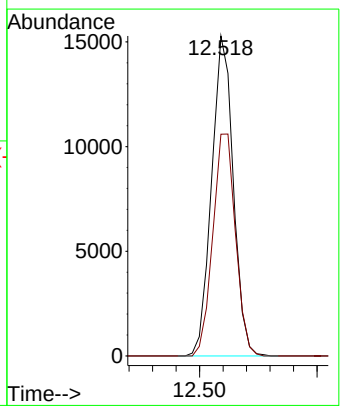
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

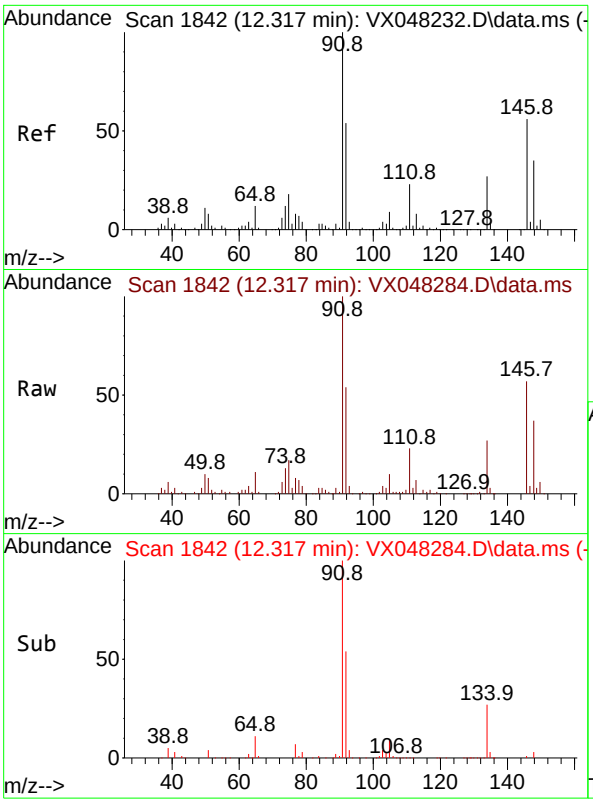



#90
Hexachloroethane
Concen: 16.632 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:117 Resp: 19578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 72.9 | 34.1 | 102.2 |

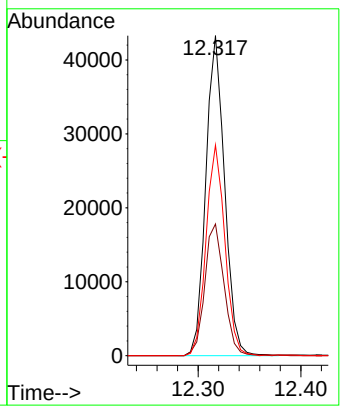





#91
1,2-Dichlorobenzene
Concen: 18.351 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:146 Resp: 5490

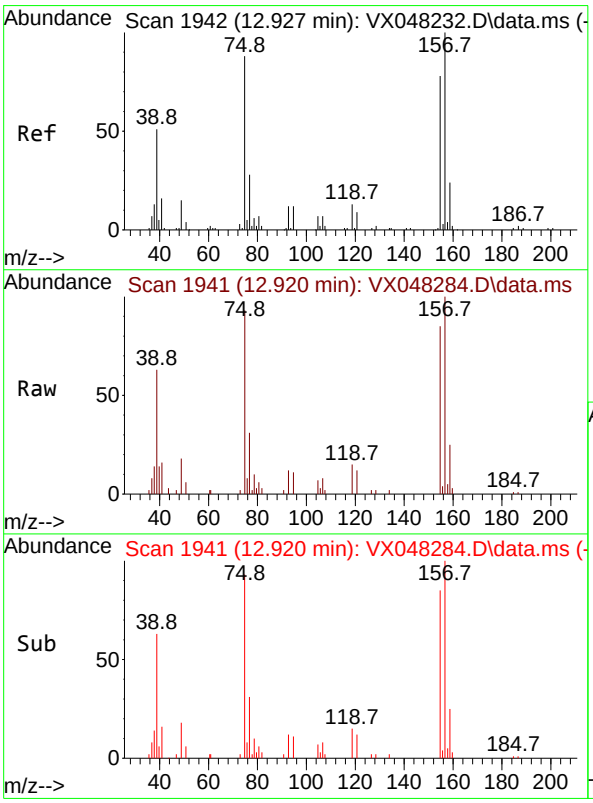
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 21.9 | 65.5 |
| 148 | 65.9 | 31.9 | 95.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations APPROVED**

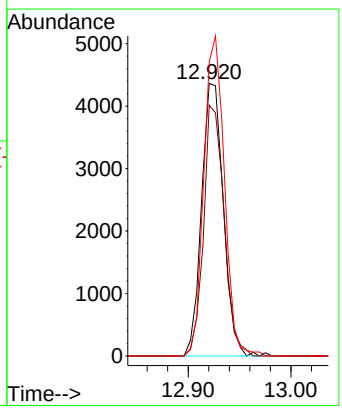
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

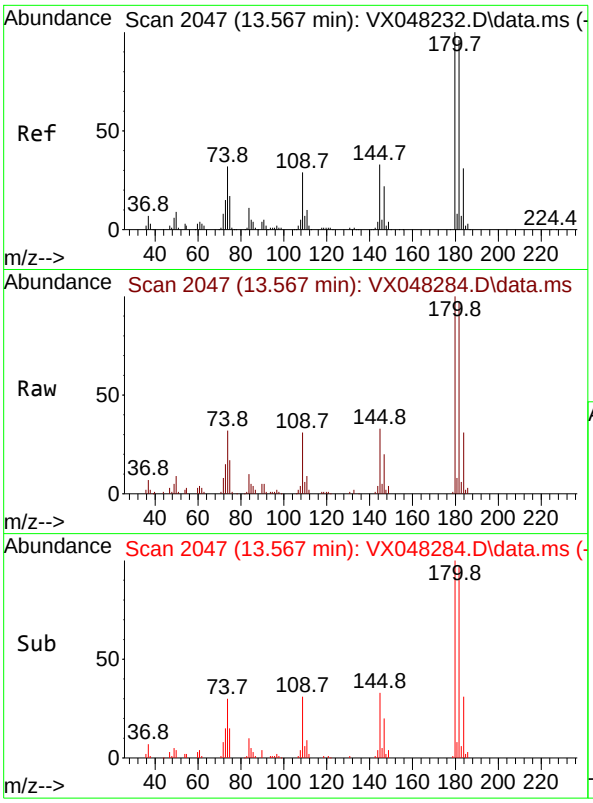



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.199 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 6427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 86.5 | 42.8 | 128.4 |
| 157 | 110.6 | 54.2 | 162.6 |

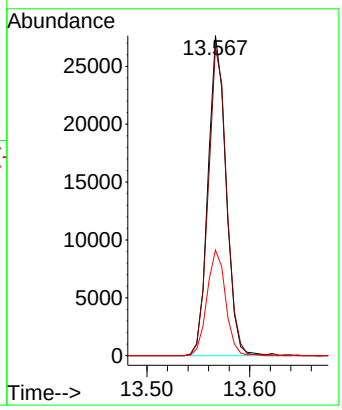





#93
1,2,4-Trichlorobenzene
Concen: 16.647 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:180 Resp: 3368

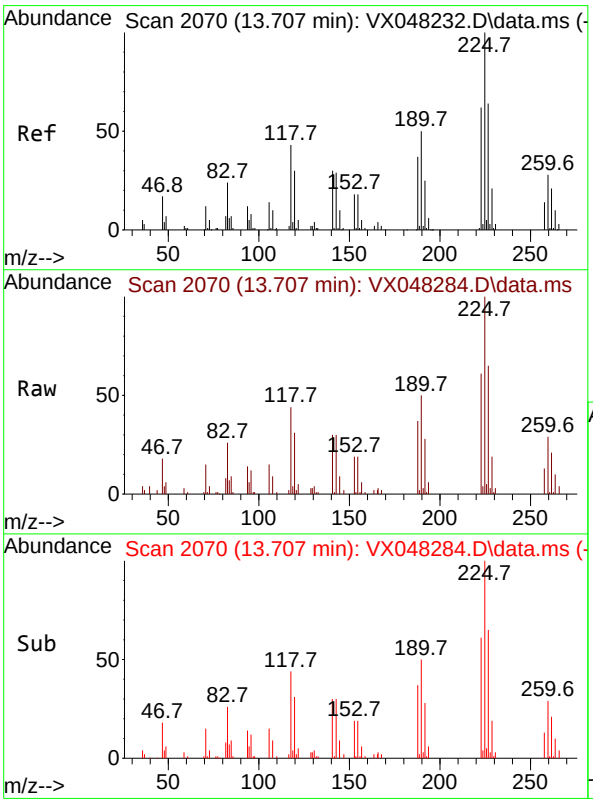
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.1 | 47.3 | 142.0 |
| 145 | 34.1 | 16.3 | 48.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

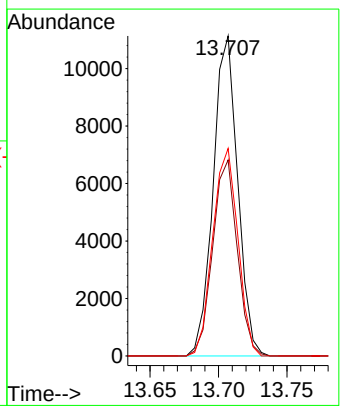
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

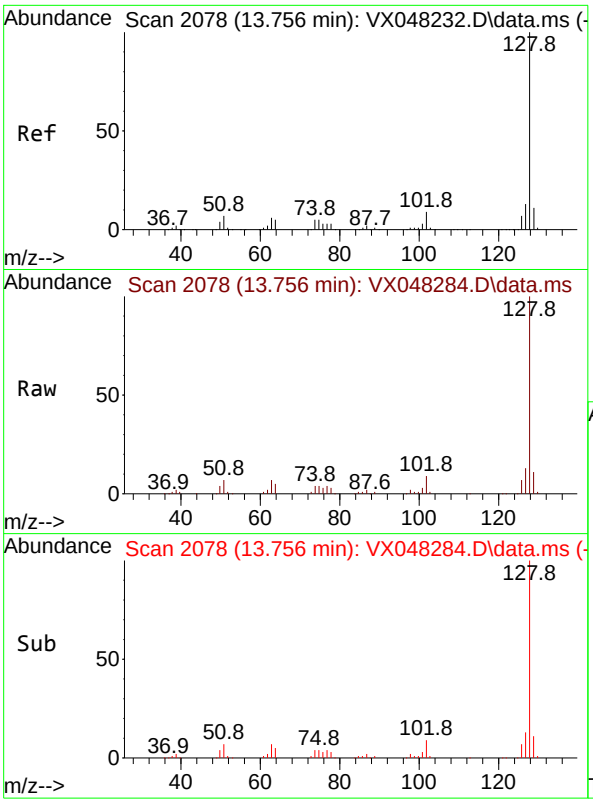



#94
Hexachlorobutadiene
Concen: 18.273 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:225 Resp: 13822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.5 | 32.6 | 97.7 |
| 227 | 66.5 | 32.5 | 97.4 |

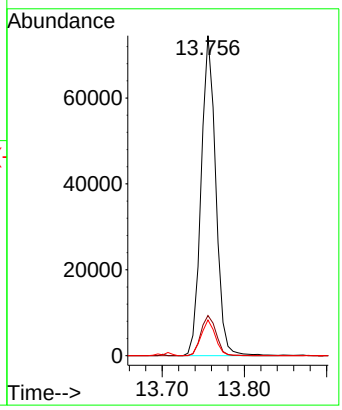





#95
Naphthalene
Concen: 17.176 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:128 Resp: 9206

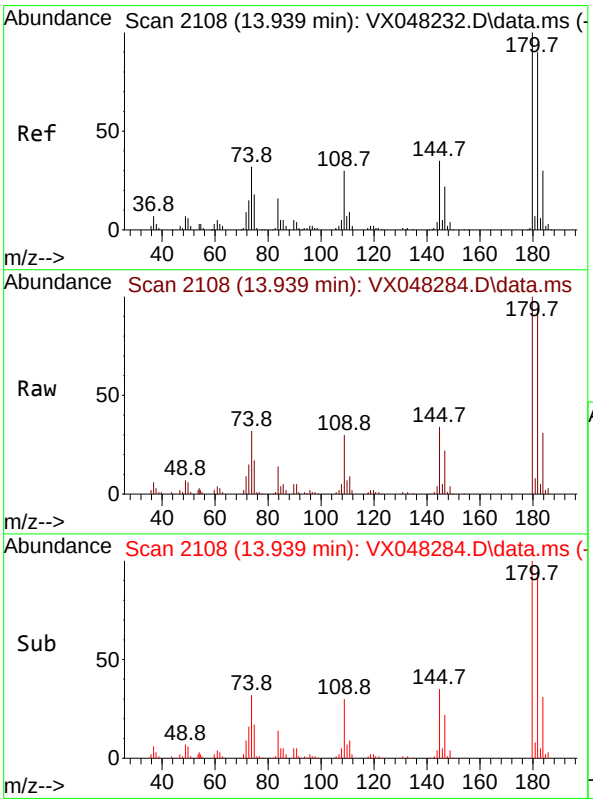
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.4 |
| 129 | 10.9 | 8.6 | 12.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

**Manual Integrations**
**APPROVED**

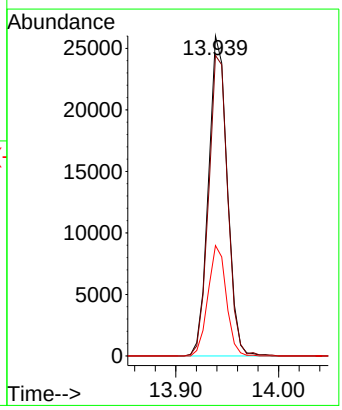
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025




#96
1,2,3-Trichlorobenzene
Concen: 17.794 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:180 Resp: 33036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 46.6 | 139.7 |
| 145 | 33.6 | 16.9 | 50.7 |



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

# Manual Integration Report

| Sequence: | VX102025 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICC001 | VX048229.D | 1,2,3-Trichloropropane | JOHN | 10/21/2025 8:03:22 AM | sam | 10/21/2025 10:41:22 AM | Peak Integrated by Software |
| VSTDICC001 | VX048229.D | 1,4-Dichlorobenzene | JOHN | 10/21/2025 8:03:22 AM | sam | 10/21/2025 10:41:22 AM | Peak Integrated by Software |
| VSTDICC001 | VX048229.D | Carbon Tetrachloride | JOHN | 10/21/2025 8:03:22 AM | sam | 10/21/2025 10:41:22 AM | Peak Integrated by Software |
| VSTDICC001 | VX048229.D | Ethyl Acetate | JOHN | 10/21/2025 8:03:22 AM | sam | 10/21/2025 10:41:22 AM | Peak Integrated by Software |
| VSTDICC001 | VX048229.D | Methacrylonitrile | JOHN | 10/21/2025 8:03:22 AM | sam | 10/21/2025 10:41:22 AM | Peak Integrated by Software |
| VSTDICC020 | VX048231.D | 1,2,3-Trichloropropane | JOHN | 10/21/2025 8:03:30 AM | sam | 10/21/2025 10:41:32 AM | Peak Integrated by Software |
| VSTDICCC050 | VX048232.D | 1,2,3-Trichloropropane | JOHN | 10/21/2025 8:03:35 AM | sam | 10/21/2025 10:41:38 AM | Peak Integrated by Software |
| VSTDICC100 | VX048233.D | 1,2,3-Trichloropropane | JOHN | 10/21/2025 8:03:40 AM | sam | 10/21/2025 10:42:36 AM | Peak Integrated by Software |
| VSTDICC150 | VX048234.D | 1,2,3-Trichloropropane | JOHN | 10/21/2025 8:03:49 AM | sam | 10/21/2025 10:43:04 AM | Peak Integrated by Software |
| VSTDICC005 | VX048236.D | 1,2,3-Trichloropropane | JOHN | 10/21/2025 8:03:55 AM | sam | 10/21/2025 10:41:42 AM | Peak Integrated by Software |
| VSTDICC005 | VX048236.D | Ethyl Acetate | JOHN | 10/21/2025 8:03:55 AM | sam | 10/21/2025 10:41:42 AM | Peak Integrated by Software |
| VSTDICC005 | VX048236.D | Methacrylonitrile | JOHN | 10/21/2025 8:03:55 AM | sam | 10/21/2025 10:41:42 AM | Peak Integrated by Software |
| VSTDICV050 | VX048237.D | 1,2,3-Trichloropropane | JOHN | 10/21/2025 8:03:59 AM | sam | 10/21/2025 10:41:51 AM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | VX102025 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VX048250.D | 1,2,3-Trichloropropane | JOHN | 10/21/2025 8:04:26 AM | sam | 10/21/2025 10:42:06 AM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | Vx102225 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VX048280.D | 1,2,3-Trichloropropane | JOHN | 10/24/2025 8:20:32 AM | MMDadoda | 10/24/2025 2:35:08 PM | Peak Integrated by Software |
| VX1022WBS01 | VX048283.D | 1,2,3-Trichloropropane | JOHN | 10/24/2025 8:20:36 AM | MMDadoda | 10/24/2025 2:35:13 PM | Peak Integrated by Software |
| VX1022WBSD01 | VX048284.D | 1,2,3-Trichloropropane | JOHN | 10/24/2025 8:20:45 AM | MMDadoda | 10/24/2025 2:35:19 PM | Peak Integrated by Software |
| VSTDCCC050 | VX048308.D | 1,2,3-Trichloropropane | JOHN | 10/24/2025 8:22:52 AM | MMDadoda | 10/24/2025 2:35:30 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | vx102425 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VX048339.D | 1,2,3-Trichloropropane | JOHN | 10/27/2025 7:59:46 AM | MMDadoda | 10/27/2025 2:52:39 PM | Peak Integrated by Software |
| VX1024WBS01 | VX048341.D | 1,2,3-Trichloropropane | JOHN | 10/27/2025 7:59:52 AM | MMDadoda | 10/27/2025 2:52:43 PM | Peak Integrated by Software |
| VSTDCCC050 | VX048353.D | 1,2,3-Trichloropropane | JOHN | 10/27/2025 8:00:00 AM | MMDadoda | 10/27/2025 2:52:51 PM | Peak Integrated by Software |

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Fax : 908 789 8922

**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/21/2025 8:15:04 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 10/21/2025 10:44:02 AM | | |
| SubDirectory | VX102025 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135849 |
| Initial Calibration Stds | VP135851,VP135852,VP135853,VP135854,VP135855,VP135856 |
| CCC | VP135850 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX048226.D | 20 Oct 2025 08:15 | JC/MD | Ok |
| 2 | VSTDCCC050 | VX048227.D | 20 Oct 2025 10:13 | JC/MD | Ok |
| 3 | IBLK | VX048228.D | 20 Oct 2025 10:38 | JC/MD | Not Ok |
| 4 | VSTDICC001 | VX048229.D | 20 Oct 2025 10:59 | JC/MD | Ok,M |
| 5 | VSTDICC005 | VX048230.D | 20 Oct 2025 11:20 | JC/MD | Not Ok |
| 6 | VSTDICC020 | VX048231.D | 20 Oct 2025 11:40 | JC/MD | Ok,M |
| 7 | VSTDICCC050 | VX048232.D | 20 Oct 2025 12:01 | JC/MD | Ok,M |
| 8 | VSTDICC100 | VX048233.D | 20 Oct 2025 12:22 | JC/MD | Ok,M |
| 9 | VSTDICC150 | VX048234.D | 20 Oct 2025 12:43 | JC/MD | Ok,M |
| 10 | IBLK | VX048235.D | 20 Oct 2025 13:04 | JC/MD | Ok |
| 11 | VSTDICC005 | VX048236.D | 20 Oct 2025 13:49 | JC/MD | Ok,M |
| 12 | VSTDICV050 | VX048237.D | 20 Oct 2025 14:28 | JC/MD | Ok,M |
| 13 | VX1020MBL01 | VX048238.D | 20 Oct 2025 14:56 | JC/MD | Ok |
| 14 | VX1020WBL01 | VX048239.D | 20 Oct 2025 15:23 | JC/MD | Ok |
| 15 | VX1020WBS01 | VX048240.D | 20 Oct 2025 15:50 | JC/MD | Ok,M |
| 16 | Q3371-03 | VX048241.D | 20 Oct 2025 16:18 | JC/MD | ReRun |
| 17 | Q3371-06 | VX048242.D | 20 Oct 2025 16:38 | JC/MD | ReRun |
| 18 | Q3371-01 | VX048243.D | 20 Oct 2025 16:59 | JC/MD | ReRun |
| 19 | Q3371-02 | VX048244.D | 20 Oct 2025 17:20 | JC/MD | ReRun |
| 20 | Q3371-04 | VX048245.D | 20 Oct 2025 17:41 | JC/MD | Ok |
| 21 | Q3371-05 | VX048246.D | 20 Oct 2025 18:02 | JC/MD | Ok |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/21/2025 8:15:04 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 10/21/2025 10:44:02 AM | | |
| SubDirectory | VX102025 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135849 |
| Initial Calibration Stds | VP135851,VP135852,VP135853,VP135854,VP135855,VP135856 |
| CCC | VP135850 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | VX1020WBSD01 | VX048247.D | 20 Oct 2025 18:22 | JC/MD | Ok,M |
| 23 | VX1020MBS01 | VX048248.D | 20 Oct 2025 18:43 | JC/MD | Ok,M |
| 24 | Q3390-01 | VX048249.D | 20 Oct 2025 19:04 | JC/MD | Ok |
| 25 | VSTDCCC050 | VX048250.D | 20 Oct 2025 19:25 | JC/MD | Ok,M |

M : Manual Integration

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Fax : 908 789 8922

**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102225

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/24/2025 8:33:44 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 10/24/2025 2:35:38 PM | | |
| SubDirectory | VX102225 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135885 |
| Initial Calibration Stds | |
| CCC | VP135886,VP135887 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX048279.D | 22 Oct 2025 08:07 | JC/MD | Ok |
| 2 | VSTDCCC050 | VX048280.D | 22 Oct 2025 08:37 | JC/MD | Ok,M |
| 3 | VX1022MBL01 | VX048281.D | 22 Oct 2025 09:05 | JC/MD | Ok |
| 4 | VX1022WBL01 | VX048282.D | 22 Oct 2025 09:26 | JC/MD | Ok |
| 5 | VX1022WBS01 | VX048283.D | 22 Oct 2025 09:53 | JC/MD | Ok,M |
| 6 | VX1022WBSD01 | VX048284.D | 22 Oct 2025 10:18 | JC/MD | Ok,M |
| 7 | Q3368-06 | VX048285.D | 22 Oct 2025 10:39 | JC/MD | Ok |
| 8 | Q3368-07 | VX048286.D | 22 Oct 2025 11:00 | JC/MD | Not Ok |
| 9 | Q3397-04 | VX048287.D | 22 Oct 2025 11:20 | JC/MD | Ok,M |
| 10 | Q3368-07 | VX048288.D | 22 Oct 2025 11:41 | JC/MD | Ok |
| 11 | Q3402-03 | VX048289.D | 22 Oct 2025 12:02 | JC/MD | Ok |
| 12 | Q3402-06 | VX048290.D | 22 Oct 2025 12:23 | JC/MD | ReRun |
| 13 | Q3402-09 | VX048291.D | 22 Oct 2025 12:43 | JC/MD | ReRun |
| 14 | Q3402-12 | VX048292.D | 22 Oct 2025 13:04 | JC/MD | ReRun |
| 15 | Q3403-04 | VX048293.D | 22 Oct 2025 13:25 | JC/MD | ReRun |
| 16 | Q3412-04 | VX048294.D | 22 Oct 2025 13:46 | JC/MD | ReRun |
| 17 | PB170173TB | VX048295.D | 22 Oct 2025 14:06 | JC/MD | Ok |
| 18 | Q3373-01 | VX048296.D | 22 Oct 2025 14:27 | JC/MD | ReRun |
| 19 | Q3373-02 | VX048297.D | 22 Oct 2025 14:48 | JC/MD | ReRun |
| 20 | Q3373-03 | VX048298.D | 22 Oct 2025 15:09 | JC/MD | ReRun |
| 21 | Q3373-04 | VX048299.D | 22 Oct 2025 15:29 | JC/MD | ReRun |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102225

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/24/2025 8:33:44 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 10/24/2025 2:35:38 PM | | |
| SubDirectory | VX102225 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135885 |
| Initial Calibration Stds | |
| CCC | VP135886,VP135887 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q3399-04 | VX048300.D | 22 Oct 2025 15:50 | JC/MD | ReRun |
| 23 | Q3402-06RE | VX048301.D | 22 Oct 2025 16:11 | JC/MD | Confirms |
| 24 | Q3402-09 | VX048302.D | 22 Oct 2025 16:32 | JC/MD | Ok |
| 25 | Q3402-12RE | VX048303.D | 22 Oct 2025 16:53 | JC/MD | Confirms |
| 26 | Q3426-01 | VX048304.D | 22 Oct 2025 17:13 | JC/MD | Not Ok |
| 27 | Q3426-02 | VX048305.D | 22 Oct 2025 17:34 | JC/MD | Not Ok |
| 28 | Q3426-03 | VX048306.D | 22 Oct 2025 17:55 | JC/MD | Not Ok |
| 29 | Q3426-04 | VX048307.D | 22 Oct 2025 18:16 | JC/MD | Not Ok |
| 30 | VSTDCCC050 | VX048308.D | 22 Oct 2025 18:36 | JC/MD | Ok,M |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102425

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/27/2025 8:02:08 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 10/27/2025 2:53:02 PM | | |
| SubDirectory | VX102425 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135915 |
| Initial Calibration Stds | |
| CCC | VP135916,VP135917 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX048338.D | 24 Oct 2025 08:19 | JC/MD | Ok |
| 2 | VSTDCCC050 | VX048339.D | 24 Oct 2025 09:16 | JC/MD | Ok,M |
| 3 | VX1024WBL01 | VX048340.D | 24 Oct 2025 09:48 | JC/MD | Ok |
| 4 | VX1024WBS01 | VX048341.D | 24 Oct 2025 10:15 | JC/MD | Ok,M |
| 5 | VX1024WBSD01 | VX048342.D | 24 Oct 2025 10:43 | JC/MD | Ok,M |
| 6 | Q3399-04RE | VX048343.D | 24 Oct 2025 11:03 | JC/MD | Confirms |
| 7 | Q3414-13DL | VX048344.D | 24 Oct 2025 11:24 | JC/MD | Ok |
| 8 | Q3414-11DL | VX048345.D | 24 Oct 2025 11:45 | JC/MD | Ok |
| 9 | Q3414-12DL | VX048346.D | 24 Oct 2025 12:05 | JC/MD | Ok |
| 10 | Q3403-04 | VX048347.D | 24 Oct 2025 12:26 | JC/MD | Ok |
| 11 | Q3412-04 | VX048348.D | 24 Oct 2025 12:47 | JC/MD | Ok |
| 12 | IBLK | VX048349.D | 24 Oct 2025 13:07 | JC/MD | Ok |
| 13 | Q3454-01 | VX048350.D | 24 Oct 2025 14:47 | JC/MD | Not Ok |
| 14 | Q3464-01 | VX048351.D | 24 Oct 2025 15:08 | JC/MD | ReRun |
| 15 | Q3464-02 | VX048352.D | 24 Oct 2025 15:28 | JC/MD | ReRun |
| 16 | VSTDCCC050 | VX048353.D | 24 Oct 2025 15:49 | JC/MD | Ok,M |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/21/2025 8:15:04 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 10/21/2025 10:44:02 AM | | |
| SubDirectory | VX102025 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135849 |
| Initial Calibration Stds | VP135851,VP135852,VP135853,VP135854,VP135855,VP135856 |
| CCC | VP135850 |
| 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 | VX048226.D | 20 Oct 2025 08:15 | | JC/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VX048227.D | 20 Oct 2025 10:13 | | JC/MD | Ok |
| 3 | IBLK | IBLK | VX048228.D | 20 Oct 2025 10:38 | | JC/MD | Not Ok |
| 4 | VSTDICC001 | VSTDICC001 | VX048229.D | 20 Oct 2025 10:59 | LR-58,94 | JC/MD | Ok,M |
| 5 | VSTDICC005 | VSTDICC005 | VX048230.D | 20 Oct 2025 11:20 | | JC/MD | Not Ok |
| 6 | VSTDICC020 | VSTDICC020 | VX048231.D | 20 Oct 2025 11:40 | | JC/MD | Ok,M |
| 7 | VSTDICCC050 | VSTDICCC050 | VX048232.D | 20 Oct 2025 12:01 | | JC/MD | Ok,M |
| 8 | VSTDICC100 | VSTDICC100 | VX048233.D | 20 Oct 2025 12:22 | | JC/MD | Ok,M |
| 9 | VSTDICC150 | VSTDICC150 | VX048234.D | 20 Oct 2025 12:43 | | JC/MD | Ok,M |
| 10 | IBLK | IBLK | VX048235.D | 20 Oct 2025 13:04 | | JC/MD | Ok |
| 11 | VSTDICC005 | VSTDICC005 | VX048236.D | 20 Oct 2025 13:49 | | JC/MD | Ok,M |
| 12 | VSTDICV050 | ICVVX102025 | VX048237.D | 20 Oct 2025 14:28 | pH#Lot#V12668 | JC/MD | Ok,M |
| 13 | VX1020MBL01 | VX1020MBL01 | VX048238.D | 20 Oct 2025 14:56 | | JC/MD | Ok |
| 14 | VX1020WBL01 | VX1020WBL01 | VX048239.D | 20 Oct 2025 15:23 | | JC/MD | Ok |
| 15 | VX1020WBS01 | VX1020WBS01 | VX048240.D | 20 Oct 2025 15:50 | | JC/MD | Ok,M |
| 16 | Q3371-03 | VPB184-HYD-2025101 | VX048241.D | 20 Oct 2025 16:18 | vial A pH<2 Surrogate Fail | JC/MD | ReRun |
| 17 | Q3371-06 | VPB184-HYD-2025101 | VX048242.D | 20 Oct 2025 16:38 | vial A pH<2 Surrogate Fail | JC/MD | ReRun |
| 18 | Q3371-01 | BP-VPB-184-TB-20251 | VX048243.D | 20 Oct 2025 16:59 | vial A pH<2 TB; Surrogate Fail | JC/MD | ReRun |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/21/2025 8:15:04 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 10/21/2025 10:44:02 AM | | |
| SubDirectory | VX102025 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135849 |
| Initial Calibration Stds | VP135851,VP135852,VP135853,VP135854,VP135855,VP135856 |
| CCC | VP135850 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q3371-02 | BP-VPB-184-EB-20251 | VX048244.D | 20 Oct 2025 17:20 | vial A pH<2 EB; Surrogate Fail; Hit of com.#16 | JC/MD | ReRun |
| 20 | Q3371-04 | BP-VPB-184-GW-915-9 | VX048245.D | 20 Oct 2025 17:41 | vial A pH<2 | JC/MD | Ok |
| 21 | Q3371-05 | BP-VPB-184-GW-920-9 | VX048246.D | 20 Oct 2025 18:02 | vial A pH<2 | JC/MD | Ok |
| 22 | VX1020WBSD01 | VX1020WBSD01 | VX048247.D | 20 Oct 2025 18:22 | | JC/MD | Ok,M |
| 23 | VX1020MBS01 | VX1020MBS01 | VX048248.D | 20 Oct 2025 18:43 | | JC/MD | Ok,M |
| 24 | Q3390-01 | 4174 | VX048249.D | 20 Oct 2025 19:04 | cloth material | JC/MD | Ok |
| 25 | VSTDCCC050 | VSTDCCC050EC | VX048250.D | 20 Oct 2025 19:25 | | JC/MD | Ok,M |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102225

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/24/2025 8:33:44 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 10/24/2025 2:35:38 PM | | |
| SubDirectory | VX102225 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135885 |
| Initial Calibration Stds | |
| CCC | VP135886,VP135887 |
| 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 | VX048279.D | 22 Oct 2025 08:07 | | JC/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VX048280.D | 22 Oct 2025 08:37 | pH#Lot#V12668 | JC/MD | Ok,M |
| 3 | VX1022MBL01 | VX1022MBL01 | VX048281.D | 22 Oct 2025 09:05 | | JC/MD | Ok |
| 4 | VX1022WBL01 | VX1022WBL01 | VX048282.D | 22 Oct 2025 09:26 | | JC/MD | Ok |
| 5 | VX1022WBS01 | VX1022WBS01 | VX048283.D | 22 Oct 2025 09:53 | | JC/MD | Ok,M |
| 6 | VX1022WBSD01 | VX1022WBSD01 | VX048284.D | 22 Oct 2025 10:18 | | JC/MD | Ok,M |
| 7 | Q3368-06 | OUTSIDE-DUMPSTER | VX048285.D | 22 Oct 2025 10:39 | vial A pH#5.0 | JC/MD | Ok |
| 8 | Q3368-07 | PRESS-SLUDGE | VX048286.D | 22 Oct 2025 11:00 | not purge; RT Shifted | JC/MD | Not Ok |
| 9 | Q3397-04 | TP-7-WC | VX048287.D | 22 Oct 2025 11:20 | vial A pH#5.0 | JC/MD | Ok,M |
| 10 | Q3368-07 | PRESS-SLUDGE | VX048288.D | 22 Oct 2025 11:41 | vial A pH#5.0 foamy sample | JC/MD | Ok |
| 11 | Q3402-03 | 41-LA | VX048289.D | 22 Oct 2025 12:02 | vial A pH#5.0 | JC/MD | Ok |
| 12 | Q3402-06 | 41-RA | VX048290.D | 22 Oct 2025 12:23 | vial A pH#5.0 Surrogate fail | JC/MD | ReRun |
| 13 | Q3402-09 | 41-LB | VX048291.D | 22 Oct 2025 12:43 | vial A pH#5.0 Surrogate fail | JC/MD | ReRun |
| 14 | Q3402-12 | 41-RB | VX048292.D | 22 Oct 2025 13:04 | vial A pH#5.0 Surrogate fail | JC/MD | ReRun |
| 15 | Q3403-04 | MH-18 | VX048293.D | 22 Oct 2025 13:25 | vial A pH#5.0 Surrogate fail | JC/MD | ReRun |
| 16 | Q3412-04 | TP-6 | VX048294.D | 22 Oct 2025 13:46 | vial A pH#5.0 Surrogate fail | JC/MD | ReRun |
| 17 | PB170173TB | PB170173TB | VX048295.D | 22 Oct 2025 14:06 | | JC/MD | Ok |
| 18 | Q3373-01 | STORAGE-BLANK-SO | VX048296.D | 22 Oct 2025 14:27 | vial A pH<2 Surrogate fail | JC/MD | ReRun |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102225

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/24/2025 8:33:44 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 10/24/2025 2:35:38 PM | | |
| SubDirectory | VX102225 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135885 |
| Initial Calibration Stds | |
| CCC | VP135886,VP135887 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q3373-02 | STORAGE-BLANK-WA | VX048297.D | 22 Oct 2025 14:48 | vial A pH<2 Surrogate fail | JC/MD | ReRun |
| 20 | Q3373-03 | STORAGE-BLANK-WA | VX048298.D | 22 Oct 2025 15:09 | vial A pH<2 Surrogate fail | JC/MD | ReRun |
| 21 | Q3373-04 | STORAGE-BLANK-SA | VX048299.D | 22 Oct 2025 15:29 | vial A pH<2 Surrogate fail | JC/MD | ReRun |
| 22 | Q3399-04 | COMP-ROLLOFF | VX048300.D | 22 Oct 2025 15:50 | vial A pH#5.0 Surrogate fail | JC/MD | ReRun |
| 23 | Q3402-06RE | 41-RARE | VX048301.D | 22 Oct 2025 16:11 | vial B pH#5.0 Surrogate fail | JC/MD | Confirms |
| 24 | Q3402-09 | 41-LB | VX048302.D | 22 Oct 2025 16:32 | vial B pH#5.0 | JC/MD | Ok |
| 25 | Q3402-12RE | 41-RBRE | VX048303.D | 22 Oct 2025 16:53 | vial B pH#5.0 Surrogate fail | JC/MD | Confirms |
| 26 | Q3426-01 | TWP2 | VX048304.D | 22 Oct 2025 17:13 | Run @ Lower Dilution | JC/MD | Not Ok |
| 27 | Q3426-02 | TWP3 | VX048305.D | 22 Oct 2025 17:34 | Run @ Lower Dilution; Surrogate Fail | JC/MD | Not Ok |
| 28 | Q3426-03 | TWP5 | VX048306.D | 22 Oct 2025 17:55 | Run @ Lower Dilution; Surrogate Fail | JC/MD | Not Ok |
| 29 | Q3426-04 | MW2 | VX048307.D | 22 Oct 2025 18:16 | Run @ Lower Dilution | JC/MD | Not Ok |
| 30 | VSTDCCC050 | VSTDCCC050EC | VX048308.D | 22 Oct 2025 18:36 | | JC/MD | Ok,M |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX102425

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 10/27/2025 8:02:08 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 10/27/2025 2:53:02 PM | | |
| SubDirectory | VX102425 | HP Acquire Method | | HP Processing Method | 82X102025W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP135915 |
| Initial Calibration Stds | |
| CCC | VP135916,VP135917 |
| 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 | VX048338.D | 24 Oct 2025 08:19 | | JC/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VX048339.D | 24 Oct 2025 09:16 | CCC Failed Low For Com.#03,16 | JC/MD | Ok,M |
| 3 | VX1024WBL01 | VX1024WBL01 | VX048340.D | 24 Oct 2025 09:48 | Surrogate fail for DOD | JC/MD | Ok |
| 4 | VX1024WBS01 | VX1024WBS01 | VX048341.D | 24 Oct 2025 10:15 | | JC/MD | Ok,M |
| 5 | VX1024WBSD01 | VX1024WBSD01 | VX048342.D | 24 Oct 2025 10:43 | | JC/MD | Ok,M |
| 6 | Q3399-04RE | COMP-ROLLOFFRE | VX048343.D | 24 Oct 2025 11:03 | vial B pH#5.0,Bl Fail | JC/MD | Confirms |
| 7 | Q3414-13DL | SB-13DL | VX048344.D | 24 Oct 2025 11:24 | vial B pH#5.0 | JC/MD | Ok |
| 8 | Q3414-11DL | SB-11DL | VX048345.D | 24 Oct 2025 11:45 | vial B pH#5.0 | JC/MD | Ok |
| 9 | Q3414-12DL | SB-12DL | VX048346.D | 24 Oct 2025 12:05 | vial B pH#5.0 | JC/MD | Ok |
| 10 | Q3403-04 | MH-18 | VX048347.D | 24 Oct 2025 12:26 | vial B pH#5.0 | JC/MD | Ok |
| 11 | Q3412-04 | TP-6 | VX048348.D | 24 Oct 2025 12:47 | vial B pH#5.0 | JC/MD | Ok |
| 12 | IBLK | IBLK | VX048349.D | 24 Oct 2025 13:07 | | JC/MD | Ok |
| 13 | Q3454-01 | 101625 | VX048350.D | 24 Oct 2025 14:47 | Surrogate fail; Run @ lower dilution | JC/MD | Not Ok |
| 14 | Q3464-01 | MW2 | VX048351.D | 24 Oct 2025 15:08 | vial A pH<2 CCC Failed Low, BS;BSD Failed Low | JC/MD | ReRun |
| 15 | Q3464-02 | MW3 | VX048352.D | 24 Oct 2025 15:28 | vial A pH<2 Surrogate fail; CCC Failed Low, BS;BSD Failed Low | JC/MD | ReRun |
| 16 | VSTDCCC050 | VSTDCCC050EC | VX048353.D | 24 Oct 2025 15:49 | | JC/MD | Ok,M |

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# TCLP EXTRACTION LOGPAGE

PB170173

**SOP ID :** M1311-TCLP-16

**SDG No :** N/A

**Weigh By :** JP

**Balance ID :** WC SC-7

**pH Meter ID :** WC PH METER-1

**Extraction By :** JP

**Filter By :** JP

**Pippete ID :** WC

**Tumbler ID :** ZHE-1 / ZHE-2

**TCLP Filter ID :** 60828725

**Start Prep Date :** 10/21/2025 **Time :** 14:00

**End Prep Date :** 10/22/2025 **Time :** 07:20

**Combination Ratio :** 20

**ZHE Cleaning Batch :** ~~N/A~~ 18

**Initial Room Temperature:** 22 °C

**Final Room Temperature:** 21 °C

**TCLP Technician Signature :** JP

**Supervisor By :** JC

| Standared Name | MLS USED | STD REF. # FROM LOG |
|---|---|---|
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE U | Lot Number |
|---|---|---|
| TCLP-FLUID-1 | N/A | WP114525 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| 40ml VOA Vials | 4127 | N/A |

**Extraction Conformance/Non-Conformance Comments:**

ALL ZHE samples are extracted and given as vial A & B. Leck checked after 10 minutes of tumbling. TUMBLER ZHE1- /ZHE-2 checked,30 rpm.

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 10/22/25 09:30 | JP Lab Room | R VOC Lab |
| | Preparation Group | Analysis Group |

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**TCLP EXTRACTION LOGPAGE**

PB170173

| Sample ID | ClientID | ZHE Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| PB170173TB | LEB173 | 11 | N/A | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-2 |
| Q3368-06 | OUTSIDE-DUMPSTER | 01 | 25.02 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |
| Q3368-07 | PRESS-SLUDGE | 02 | 25.03 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |
| Q3397-04 | TP-7-WC | 03 | 25.01 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |
| Q3399-04 | COMP-ROLLOFF | 04 | 25.02 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |
| Q3402-03 | 41-LA | 05 | 25.02 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |
| Q3402-06 | 41-RA | 06 | 25.03 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |
| Q3402-09 | 41-LB | 07 | 25.02 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |
| Q3402-12 | 41-RB | 08 | 25.03 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |
| Q3403-04 | MH-18 | 09 | 25.02 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |
| Q3412-04 | TP-6 | 10 | 25.03 | 500 | N/A | N/A | N/A | N/A | N/A | ZHE-1 |

| SampleID | ClientID | Sample Weight (g) | Filter Weight (g) | Filtrate (mL) | Filter + Solid (After 100°C) | % solids | % Dry Solids |
|---|---|---|---|---|---|---|---|
| PB170173TB | LEB173 | N/A | N/A | N/A | N/A | N/A | N/A |
| Q3368-06 | OUTSIDE-DUMPSTER | N/A | N/A | N/A | N/A | 100 | N/A |
| Q3368-07 | PRESS-SLUDGE | N/A | N/A | N/A | N/A | 100 | N/A |
| Q3397-04 | TP-7-WC | N/A | N/A | N/A | N/A | 100 | N/A |
| Q3399-04 | COMP-ROLLOFF | N/A | N/A | N/A | N/A | 100 | N/A |
| Q3402-03 | 41-LA | N/A | N/A | N/A | N/A | 100 | N/A |
| Q3402-06 | 41-RA | N/A | N/A | N/A | N/A | 100 | N/A |
| Q3402-09 | 41-LB | N/A | N/A | N/A | N/A | 100 | N/A |
| Q3402-12 | 41-RB | N/A | N/A | N/A | N/A | 100 | N/A |
| Q3403-04 | MH-18 | N/A | N/A | N/A | N/A | 100 | N/A |
| Q3412-04 | TP-6 | N/A | N/A | N/A | N/A | 100 | N/A |

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** TCLP ZHE Q3406 **WorkList ID :** 192577 **Department :** TCLP Extraction **Date :** 10-21-2025 09:35:20

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3368-06 | OUTSIDE-DUMPSTER | Solid | TCLP ZHE Extraction | Cool 4 deg C | ARAM01 | D41 | 10/16/2025 | 1311 ZHE |
| Q3368-07 | PRESS-SLUDGE | Solid | TCLP ZHE Extraction | Cool 4 deg C | ARAM01 | D41 | 10/16/2025 | 1311 ZHE |
| Q3397-04 | TP-7-WC | Solid | TCLP ZHE Extraction | Cool 4 deg C | PSEG03 | D31 | 10/18/2025 | 1311 ZHE |
| Q3399-04 | COMP-ROLLOFF | Solid | TCLP ZHE Extraction | Cool 4 deg C | ICES02 | D41 | 10/20/2025 | 1311 ZHE |
| Q3402-03 | 41-LA | Solid | TCLP ZHE Extraction | Cool 4 deg C | PSEG03 | D31 | 10/20/2025 | 1311 ZHE |
| Q3402-06 | 41-RA | Solid | TCLP ZHE Extraction | Cool 4 deg C | PSEG03 | D31 | 10/20/2025 | 1311 ZHE |
| Q3402-09 | 41-LB | Solid | TCLP ZHE Extraction | Cool 4 deg C | PSEG03 | D31 | 10/20/2025 | 1311 ZHE |
| Q3402-12 | 41-RB | Solid | TCLP ZHE Extraction | Cool 4 deg C | PSEG03 | D31 | 10/20/2025 | 1311 ZHE |
| Q3403-04 | MH-18 | Solid | TCLP ZHE Extraction | Cool 4 deg C | PSEG03 | D41 | 10/20/2025 | 1311 ZHE |
| Q3412-04 | TP-6 | Solid | TCLP ZHE Extraction | Cool 4 deg C | PSEG03 | D31 | 10/20/2025 | 1311 ZHE |

**Date/Time** 10/21/25 12:00
**Raw Sample Received by:**
**Raw Sample Relinquished by:**

**Date/Time** 10/21/25 15:30
**Raw Sample Received by:**
**Raw Sample Relinquished by:**

# 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. Q3399
COC Number 2044531

## CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ICE service Group, INC.
ADDRESS: 125 Bloomingdale RD
CITY Levittown STATE: N.Y ZIP:
ATTENTION: Dennis d. morgan, ii
PHONE: FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: ICES 02
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

## CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Same STATE: ZIP:
ATTENTION: PHONE:

## DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 72 HR TAT DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

## DATA DELIVERABLE INFORMATION

- ❑ Level 1 (Results Only)
- ❑ Level 2 (Results + QC)
- ❑ Level 3 (Results + QC + Raw Data)
- ❑ Level 4 (QC + Full Raw Data)
- ❑ NJ Reduced ❑ US EPA CLP
- ❑ NYS ASP A ❑ NYS ASP B
- ❑ Other _____
- ❑ EDD FORMAT _____

## ANALYSIS

1 TCL 2 TCLP 3. Hexd 4 PE 5 RL 6 7 8 9

| ALLIANCE SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Comp-Roll OFF | SOL | X | | 10-20-25 | 12:00 | 6 | | | X | X | X | | | | | PID= 1.3 |
| 2. | " | " | | X | " | 12:04 | 3 | X | X | | | | | | | | PID= 1.3 |
| 3. | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | |

← 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. | 1700 10.20.2025 | 1. |
| 2. | | 2. |
| 3. | 1754 10.20.2025 | 3. |

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ☒ COOLER TEMP 3.5° °C
Comments: *PID Meter Calibrated 10.20.2025 *
Equal Volume of soil used,

Page ____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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

1

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: ICES 02
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 125 Bloomingdale Rd. Levittown, N.Y.

Chemtech Order ID:
Sampler Name: Lawrence Cerami
Client Project Coordinator & Phone:

Page #: 1 of 1
Date: 10.20.2025
Arrive Time: 11:28 am
Depart Time: 1300

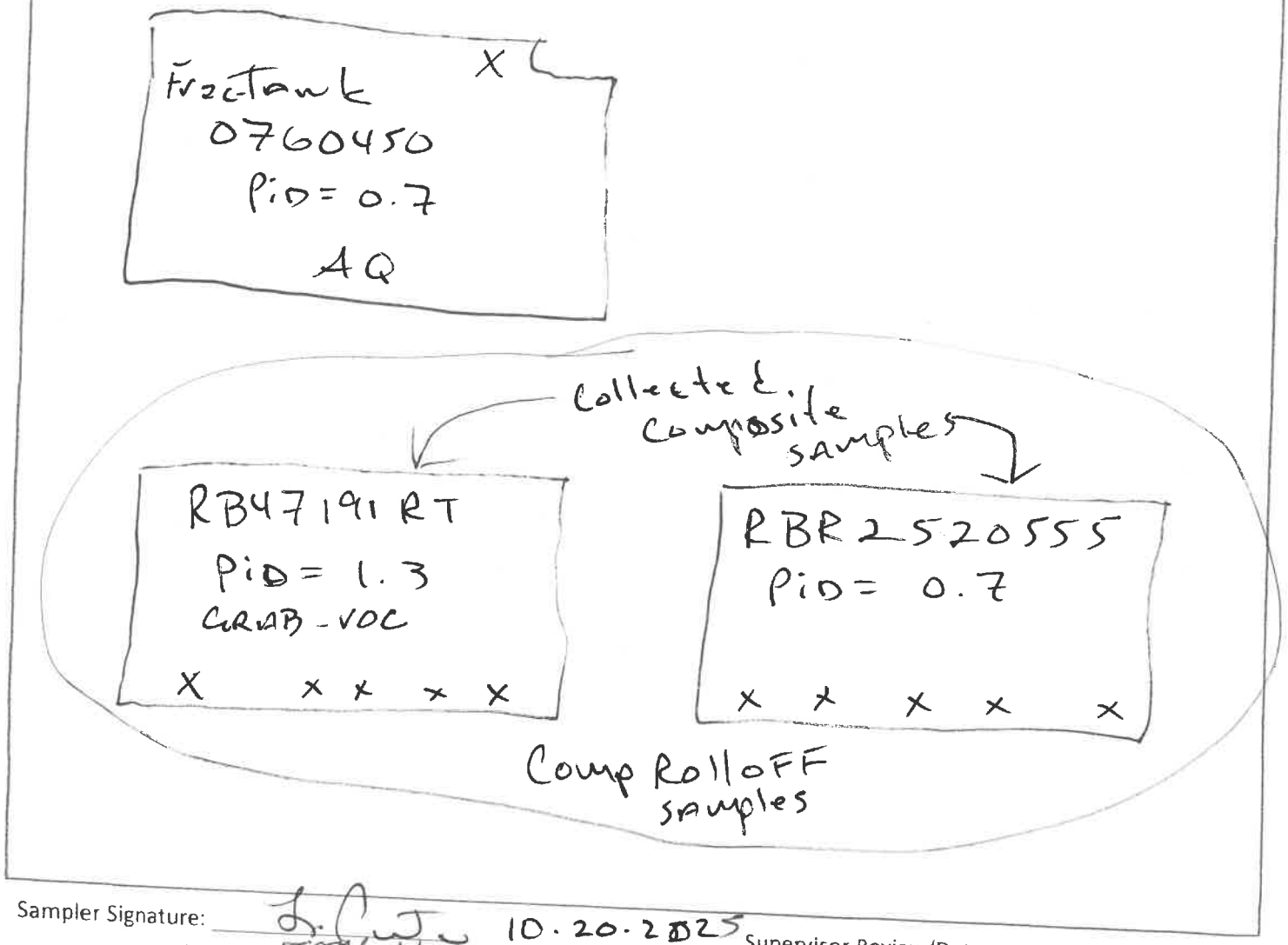
Waste Stream (circle one): drum / (roll-off) / soil pile / in-situ / linear construction / (frac-tank)
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe / (AQ)

Collection Depths:
Dimensions/CY:
Temp (range): °C PID Readings (range): PPM Odor: Y / (N) Color (Y) / N

Sample Description: Water Soil, Soil water Bonder, Brown AQ.
Field Observations: Sampled, RB47191RT, RBR2520555, Fractank 0760450 (Comp RollOFF)

Grid/Area Composite Map:

QA Control # A3041134




Sampler Signature: 10.20.2025
Client Signature:
Supervisor Review/Date:

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3399 ICES02
**Client Name :** ICE Service Group, Inc.
**Client Contact :** Dennis D. Morgan, II
**Invoice Name :** ICE Service Group, Inc.
**Invoice Contact :** Dennis D. Morgan, II

**Order Date :** 10/20/2025 1:23:08 PM
**Project Name :** NWIRP Northrup Grummar
**Receive DateTime :** 10/20/2025 ~~12:00:00 AM~~ 5:54 PM
**Purchase Order :**

**Project Mgr :**
**Report Type :** NYS ASP A
**EDD Type :** NYSDEC EDD V-4
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q3399-03 | COMP-ROLLOFF | Solid | 10/20/2025 | 12:04 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 3 Bus. Days |

**Relinquished By :**
**Date / Time :** 10/21/25 0740

**Received By :**
**Date / Time :** 10/21/25 08:00 Ag #6 D2

**Storage Area :** VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 117157 | 50.000 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 193186 | 50.000 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 177252 | 50.000 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 86943 | 50.000 | ug/l | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 3362 | 2.047 | ug/l | | 0.01 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 4.100%# | | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 2615 | 1.983 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 3.960%# | | | | |
| 50) Toluene-d8 | 8.635 | 98 | 8676 | 1.877 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 3.760%# | | | | |
| 62) 4-Bromofluorobenzene | 11.067 | 95 | 3491 | 1.985 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 3.980%# | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 1223 | 1.015 | ug/l | | 82 |
| 3) Chloromethane | 1.301 | 50 | 1186 | 1.055 | ug/l | # | 62 |
| 4) Vinyl Chloride | 1.380 | 62 | 1048 | 1.007 | ug/l | | 92 |
| 5) Bromomethane | 1.618 | 94 | 1028 | 1.455 | ug/l | | 100 |
| 6) Chloroethane | 1.697 | 64 | 545 | 0.891 | ug/l | | 91 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 1819 | 0.911 | ug/l | | 98 |
| 8) Diethyl Ether | 2.142 | 74 | 542 | 0.965 | ug/l | | 81 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 1199 | 0.948 | ug/l | | 89 |
| 10) Methyl Iodide | 2.459 | 142 | 1847 | 1.162 | ug/l | | 99 |
| 11) Tert butyl alcohol | 2.953 | 59 | 839 | 5.144 | ug/l | # | 72 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 1207 | 0.981 | ug/l | | 88 |
| 13) Acrolein | 2.246 | 56 | 780 | 4.689 | ug/l | | 99 |
| 14) Allyl chloride | 2.666 | 41 | 2101 | 1.029 | ug/l | | 96 |
| 15) Acrylonitrile | 3.069 | 53 | 2984 | 5.074 | ug/l | | 97 |
| 16) Acetone | 2.380 | 43 | 3519 | 6.245 | ug/l | | 98 |
| 17) Carbon Disulfide | 2.520 | 76 | 4767 | 1.230 | ug/l | # | 92 |
| 18) Methyl Acetate | 2.703 | 43 | 1204 | 1.023 | ug/l | # | 85 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 4437 | 1.057 | ug/l | | 100 |
| 20) Methylene Chloride | 2.794 | 84 | 1301 | 0.948 | ug/l | # | 76 |
| 21) trans-1,2-Dichloroethene | 3.099 | 96 | 1376 | 1.018 | ug/l | | 96 |
| 22) Diisopropyl ether | 3.745 | 45 | 3977 | 0.976 | ug/l | # | 26 |
| 23) Vinyl Acetate | 3.727 | 43 | 14769 | 4.539 | ug/l | | 95 |
| 24) 1,1-Dichloroethane | 3.611 | 63 | 2615 | 1.062 | ug/l | | 97 |
| 25) 2-Butanone | 4.574 | 43 | 3638 | 5.100 | ug/l | | 98 |
| 26) 2,2-Dichloropropane | 4.465 | 77 | 2347 | 1.056 | ug/l | | 84 |
| 27) cis-1,2-Dichloroethene | 4.489 | 96 | 1598 | 1.013 | ug/l | | 94 |
| 28) Bromochloromethane | 4.879 | 49 | 908 | 0.889 | ug/l | # | 69 |
| 29) Tetrahydrofuran | 5.007 | 42 | 2088 | 4.888 | ug/l | # | 73 |
| 30) Chloroform | 5.093 | 83 | 2688 | 1.022 | ug/l | | 97 |
| 31) Cyclohexane | 5.465 | 56 | 1796 | 0.881 | ug/l | # | 69 |
| 32) 1,1,1-Trichloroethane | 5.379 | 97 | 2459 | 1.014 | ug/l | # | 50 |
| 36) 1,1-Dichloropropene | 5.696 | 75 | 2173 | 1.159 | ug/l | # | 62 |
| 37) Ethyl Acetate | 4.727 | 43 | 1285 | 0.827 | ug/l | # | 82 |
| 38) Carbon Tetrachloride | 5.660 | 117 | 802 | 0.347 | ug/l | # | 77 |
| 39) Methylcyclohexane | 7.373 | 83 | 2128 | 0.961 | ug/l | | 94 |
| 40) Benzene | 6.032 | 78 | 5767 | 1.060 | ug/l | # | 89 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.916 | 41 | 312 | 0.382 ug/l # | 67 |
| 42) 1,2-Dichloroethane | 6.080 | 62 | 2044 | 1.018 ug/l | 87 |
| 43) Isopropyl Acetate | 6.336 | 43 | 2548 | 0.998 ug/l # | 85 |
| 44) Trichloroethene | 7.117 | 130 | 1547 | 1.076 ug/l | 83 |
| 45) 1,2-Dichloropropane | 7.422 | 63 | 1195 | 0.924 ug/l | 96 |
| 46) Dibromomethane | 7.574 | 93 | 1032 | 1.024 ug/l | 95 |
| 47) Bromodichloromethane | 7.812 | 83 | 2204 | 1.013 ug/l # | 79 |
| 48) Methyl methacrylate | 7.684 | 41 | 1283 | 0.996 ug/l | 95 |
| 49) 1,4-Dioxane | 7.665 | 88 | 255 | 14.987 ug/l # | 34 |
| 51) 4-Methyl-2-Pentanone | 8.562 | 43 | 7066 | 4.802 ug/l | 91 |
| 52) Toluene | 8.708 | 92 | 3403 | 0.984 ug/l | 95 |
| 53) t-1,3-Dichloropropene | 8.970 | 75 | 1844 | 0.879 ug/l # | 74 |
| 54) cis-1,3-Dichloropropene | 8.360 | 75 | 2250 | 0.994 ug/l | 90 |
| 55) 1,1,2-Trichloroethane | 9.147 | 97 | 1229 | 0.956 ug/l # | 85 |
| 56) Ethyl methacrylate | 9.104 | 69 | 1616 | 0.859 ug/l | 96 |
| 57) 1,3-Dichloropropane | 9.299 | 76 | 2174 | 0.990 ug/l | 93 |
| 58) 2-Chloroethyl Vinyl ether | 8.232 | 63 | 2970 | 4.614 ug/l | 100 |
| 59) 2-Hexanone | 9.421 | 43 | 4456 | 4.343 ug/l | 92 |
| 60) Dibromochloromethane | 9.507 | 129 | 1862 | 1.077 ug/l | 95 |
| 61) 1,2-Dibromoethane | 9.598 | 107 | 1338 | 0.976 ug/l | 98 |
| 64) Tetrachloroethene | 9.257 | 164 | 1482 | 1.120 ug/l | 92 |
| 65) Chlorobenzene | 10.067 | 112 | 4073 | 1.021 ug/l | 90 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 1495 | 1.021 ug/l # | 66 |
| 67) Ethyl Benzene | 10.177 | 91 | 6752 | 0.995 ug/l | 97 |
| 68) m/p-Xylenes | 10.287 | 106 | 4589 | 1.819 ug/l | 90 |
| 69) o-Xylene | 10.628 | 106 | 2313 | 0.950 ug/l | 99 |
| 70) Styrene | 10.640 | 104 | 3737 | 0.901 ug/l | 96 |
| 71) Bromoform | 10.787 | 173 | 1198 | 1.023 ug/l # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 6291 | 0.991 ug/l | 93 |
| 74) N-amyl acetate | 10.829 | 43 | 2137 | 0.949 ug/l # | 90 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 1718 | 0.991 ug/l | 90 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 2073 | 1.470 ug/l | 79 |
| 77) Bromobenzene | 11.183 | 156 | 1635 | 1.027 ug/l | 91 |
| 78) n-propylbenzene | 11.287 | 91 | 6956 | 0.946 ug/l | 94 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 4477 | 1.004 ug/l | 97 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 5196 | 0.989 ug/l | 97 |
| 81) trans-1,4-Dichloro-2-b... | 11.006 | 75 | 387 | 0.668 ug/l # | 75 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 5385 | 1.018 ug/l | 99 |
| 83) tert-Butylbenzene | 11.695 | 119 | 5439 | 1.007 ug/l | 91 |
| 84) 1,2,4-Trimethylbenzene | 11.738 | 105 | 4854 | 0.926 ug/l | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 6589 | 1.014 ug/l | 99 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 5812 | 1.035 ug/l | 91 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 3239 | 1.079 ug/l | 96 |
| 88) 1,4-Dichlorobenzene | 11.951 | 146 | 3239 | 1.042 ug/l | 96 |
| 89) n-Butylbenzene | 12.317 | 91 | 5787 | 1.132 ug/l | 98 |
| 90) Hexachloroethane | 12.518 | 117 | 1182 | 1.066 ug/l | 77 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 3135 | 1.112 ug/l | 96 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.933 | 75 | 290 | 0.824 ug/l | 79 |
| 93) 1,2,4-Trichlorobenzene | 13.573 | 180 | 2505 | 1.314 ug/l | 90 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 1658 | 2.385 ug/l | 97 |
| 95) Naphthalene | 13.762 | 128 | 5116 | 1.013 ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 13.945 | 180 | 2006 | 1.147 ug/l | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

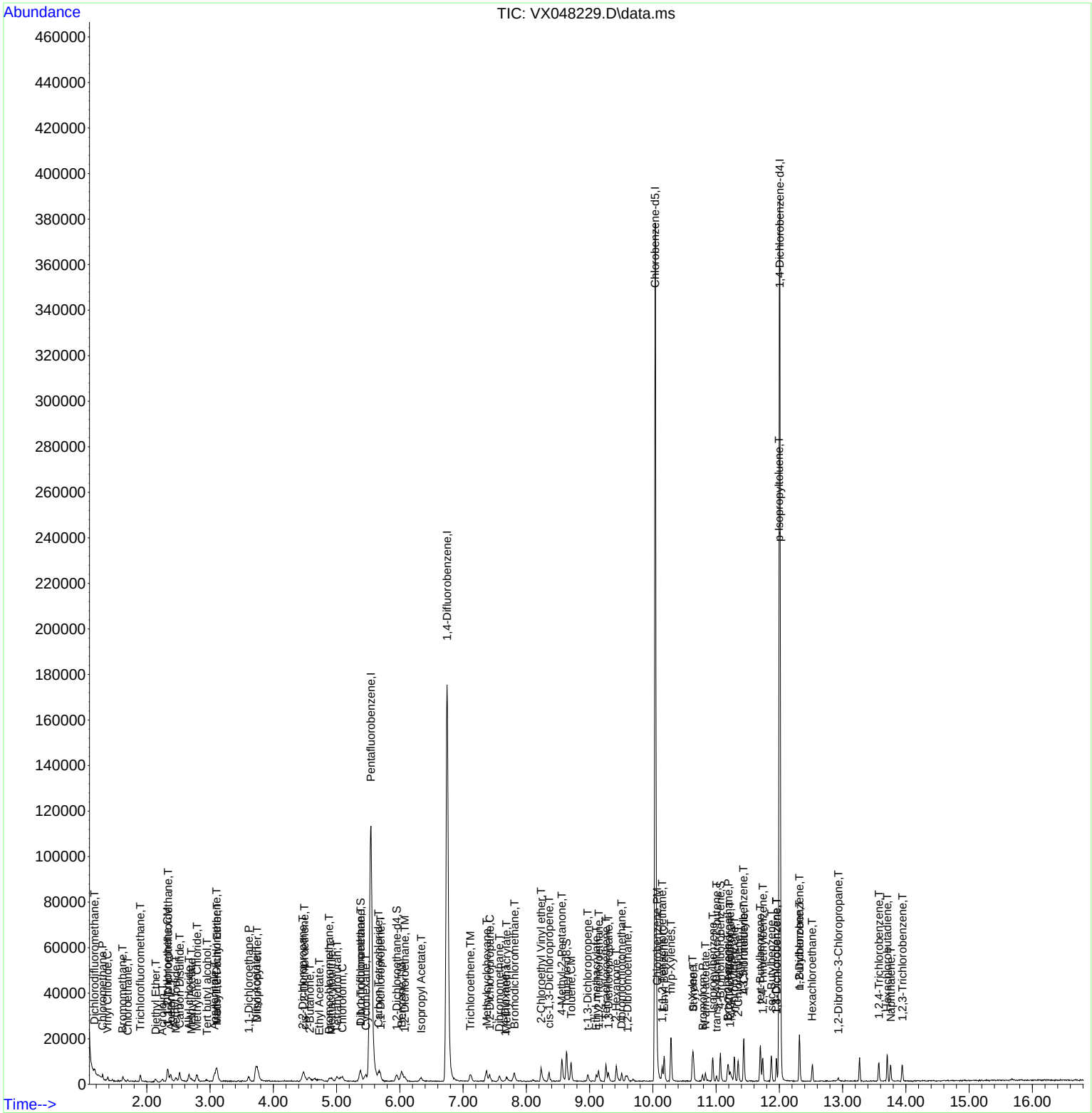
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

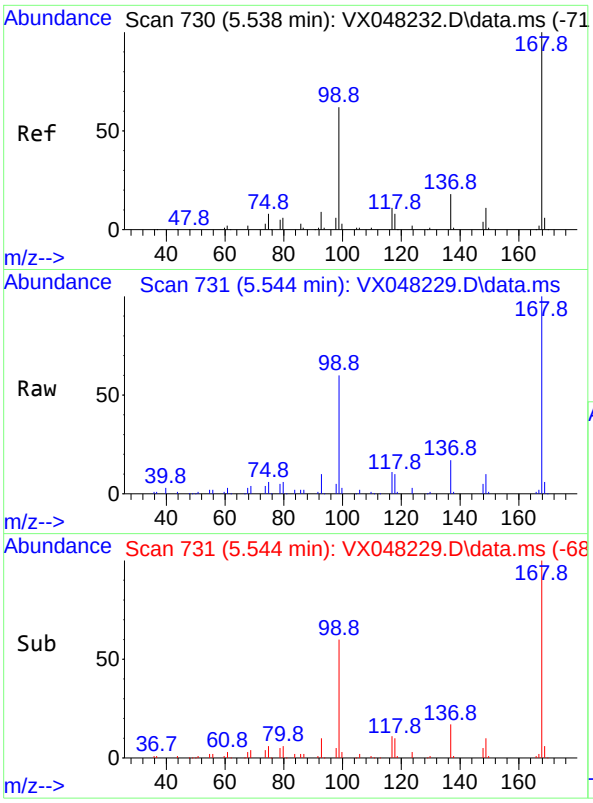
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



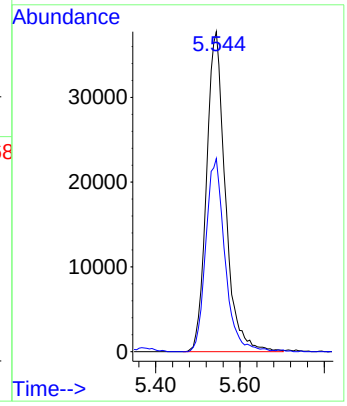


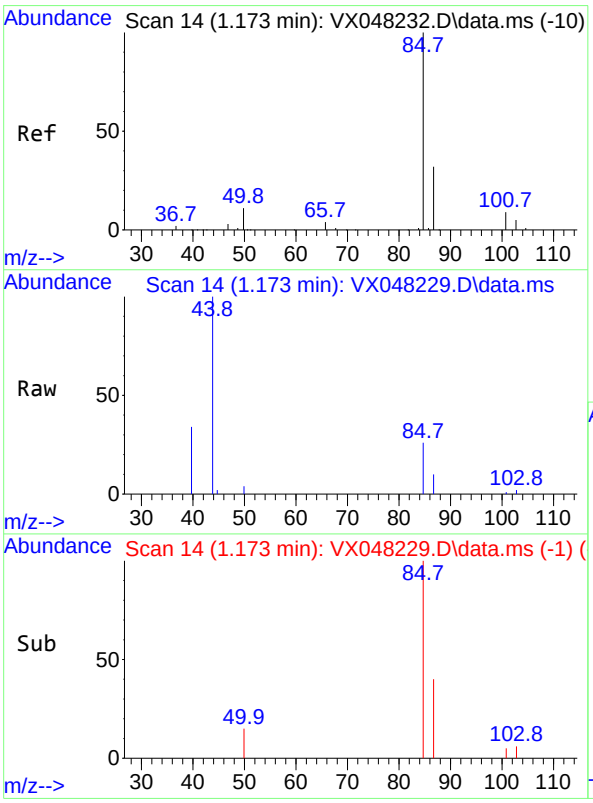

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:168 Resp: 117157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.3 | 46.4 | 69.6 |

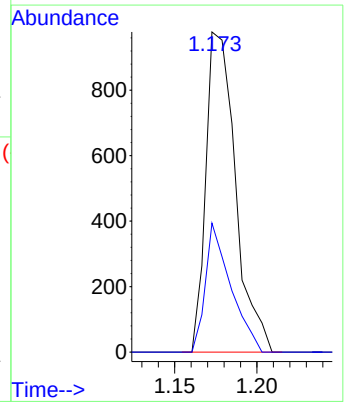


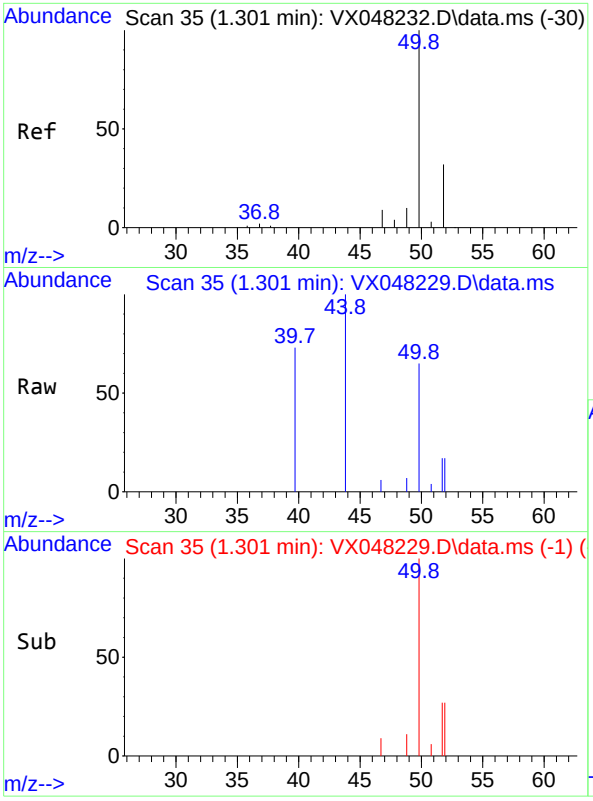




#2
Dichlorodifluoromethane
Concen: 1.015 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 85 Resp: 1223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 40.3 | 15.3 | 45.9 |



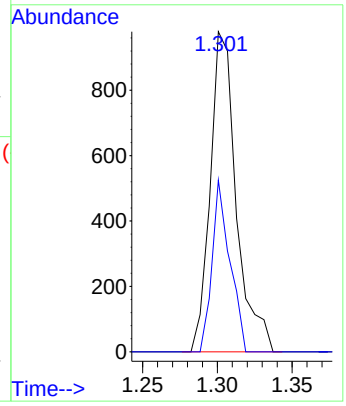


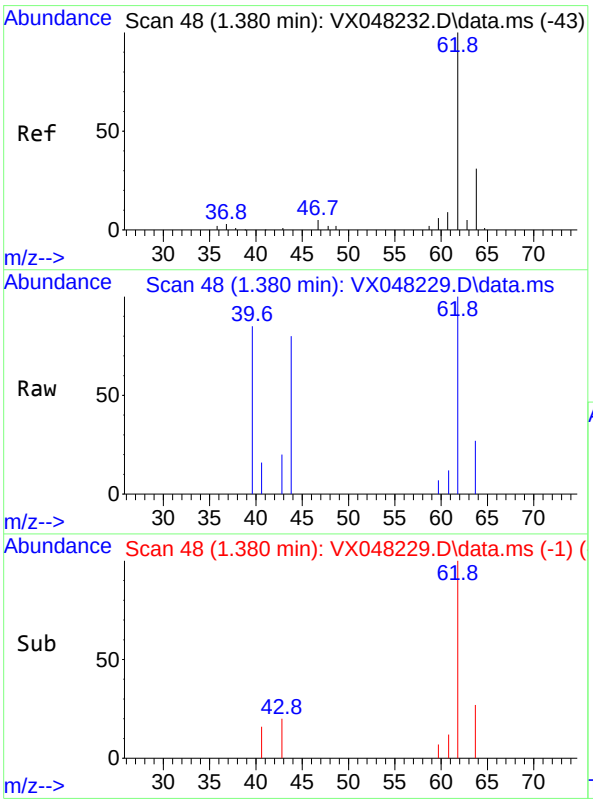

#3
Chloromethane
Concen: 1.055 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 50 Resp: 1186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 53.6 | 25.9 | 38.9# |

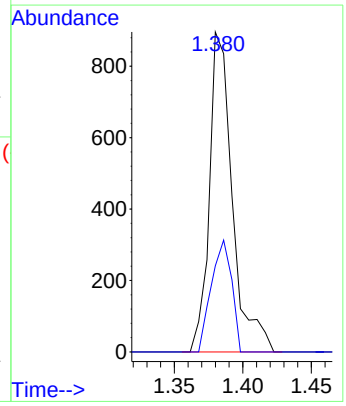


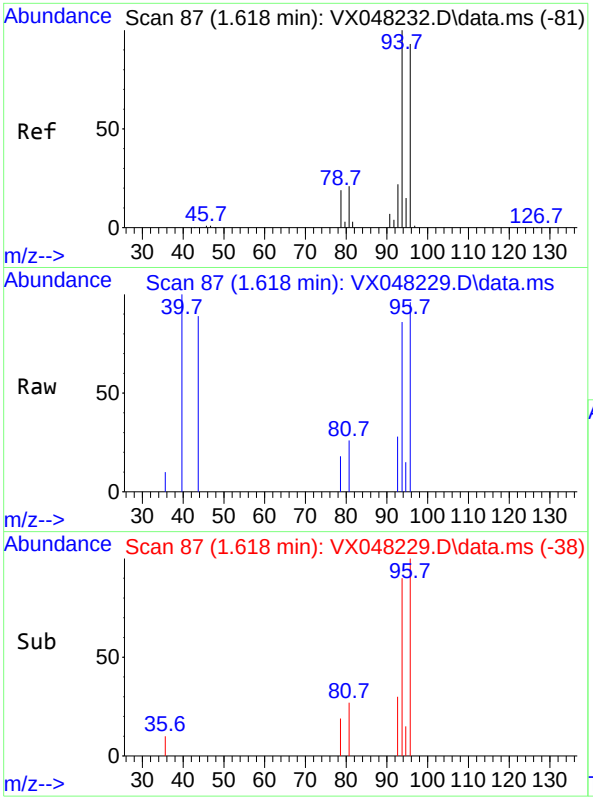




#4
Vinyl Chloride
Concen: 1.007 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 62 Resp: 1048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 26.9 | 25.1 | 37.7 |



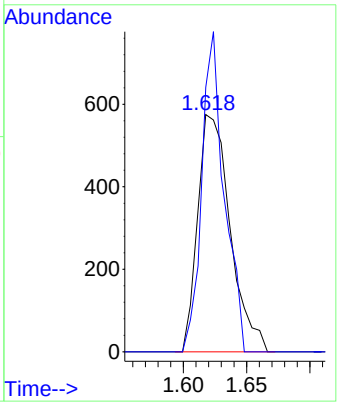


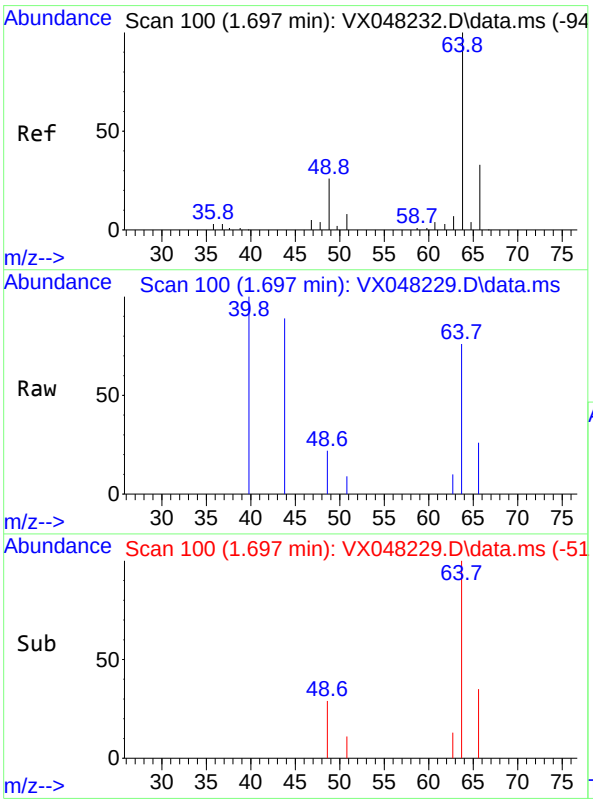

#5
Bromomethane
Concen: 1.455 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 94 Resp: 1028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.4 | 76.0 | 114.0 |

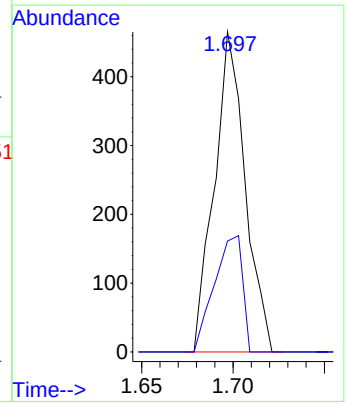


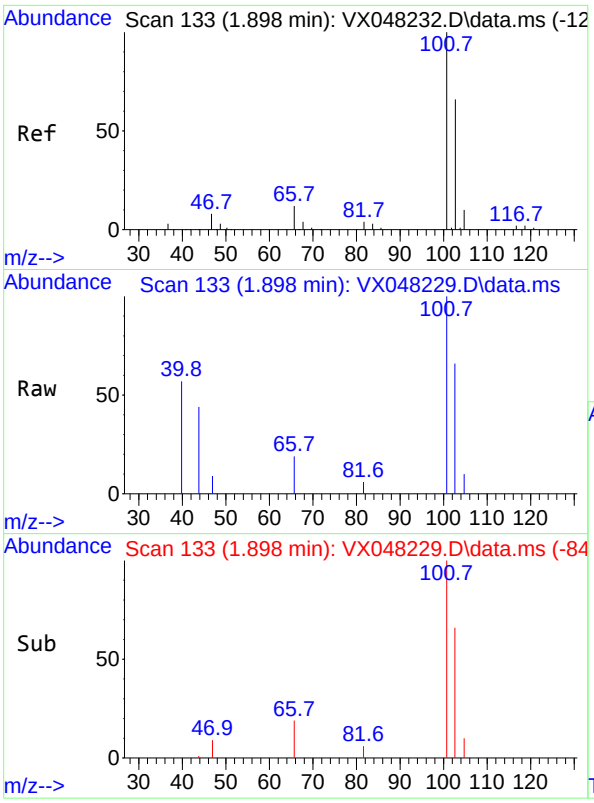




#6
Chloroethane
Concen: 0.891 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 64 Resp: 545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 34.6 | 23.9 | 35.9 |



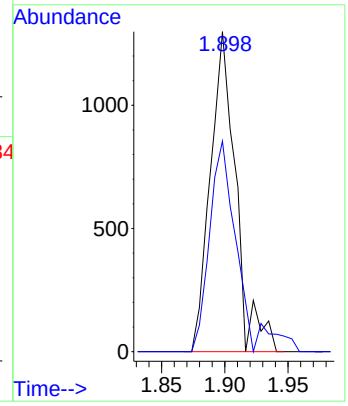


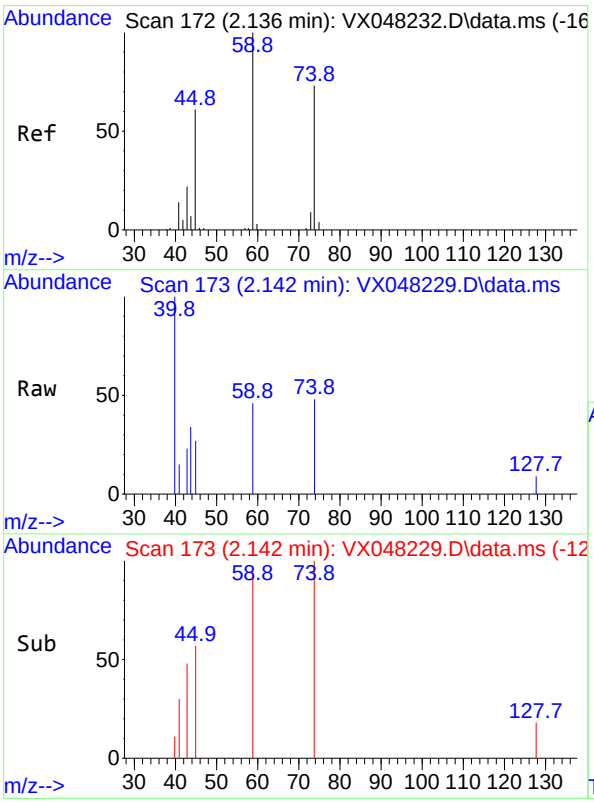

#7
Trichlorofluoromethane
Concen: 0.911 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:101 Resp: 1819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.8 | 51.6 | 77.4 |

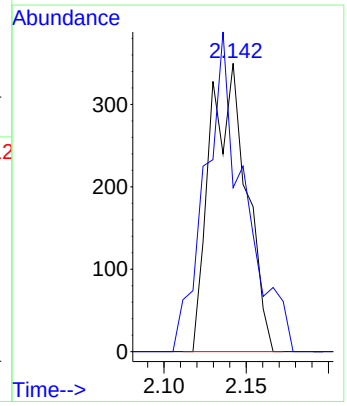


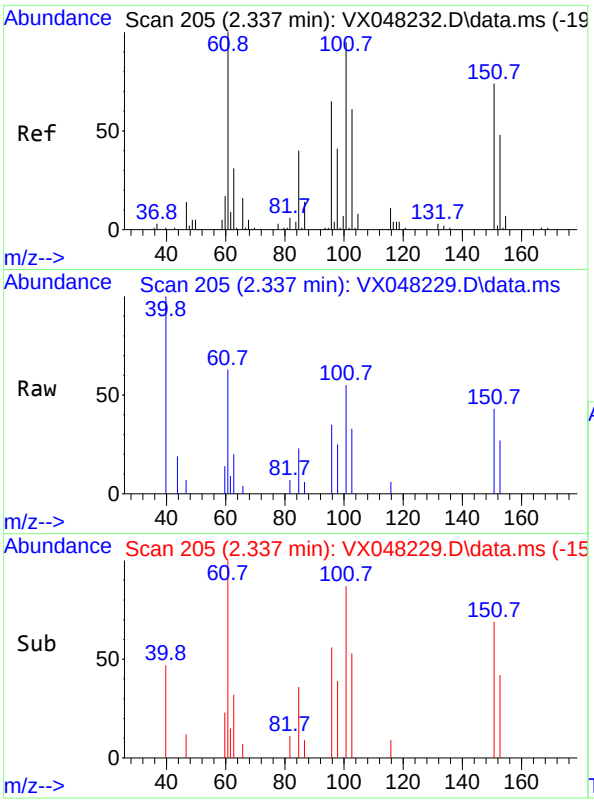




#8
Diethyl Ether
Concen: 0.965 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 74 Resp: 542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 118.5 | 50.0 | 149.8 |



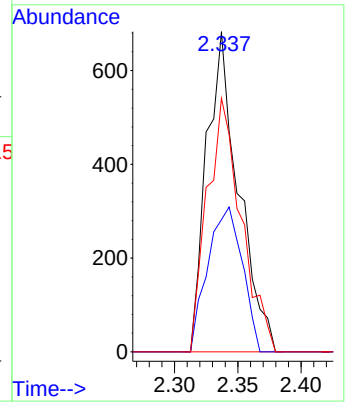


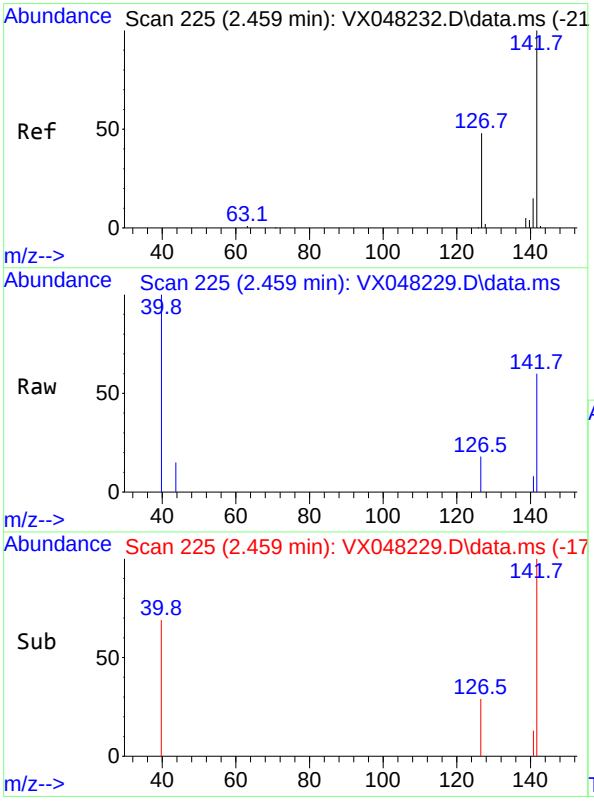

#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.948 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:101 Resp: 1199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 48.9 | 35.6 | 53.4 |
| 151 | 84.2 | 58.0 | 87.0 |

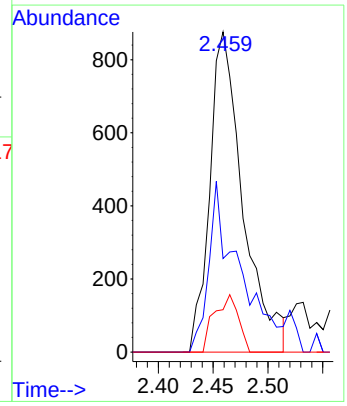


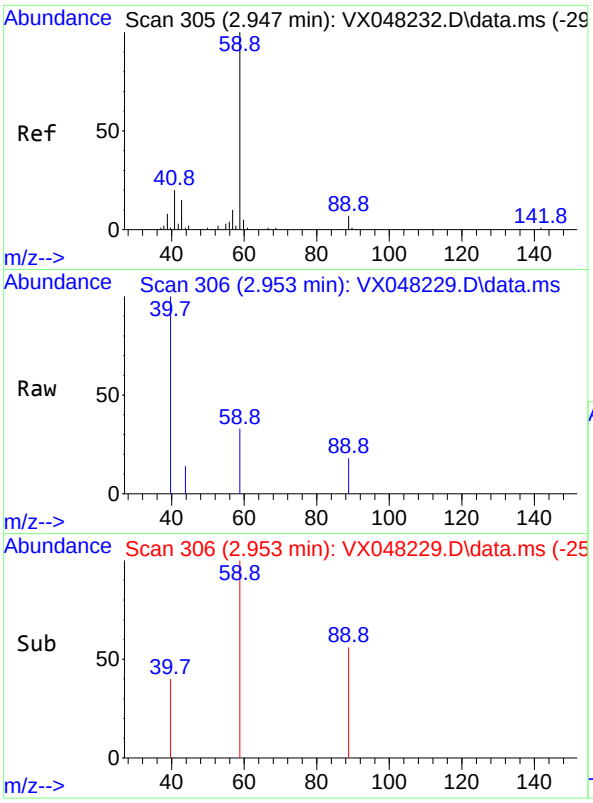




#10
Methyl Iodide
Concen: 1.162 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:142 Resp: 1847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.5 | 38.5 | 57.7 |
| 141 | 12.9 | 11.6 | 17.4 |



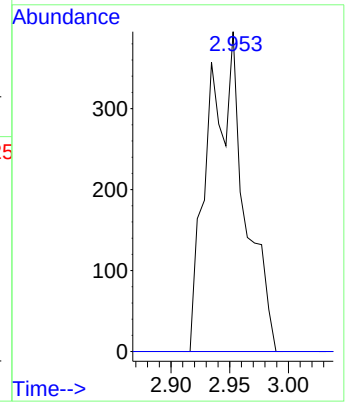


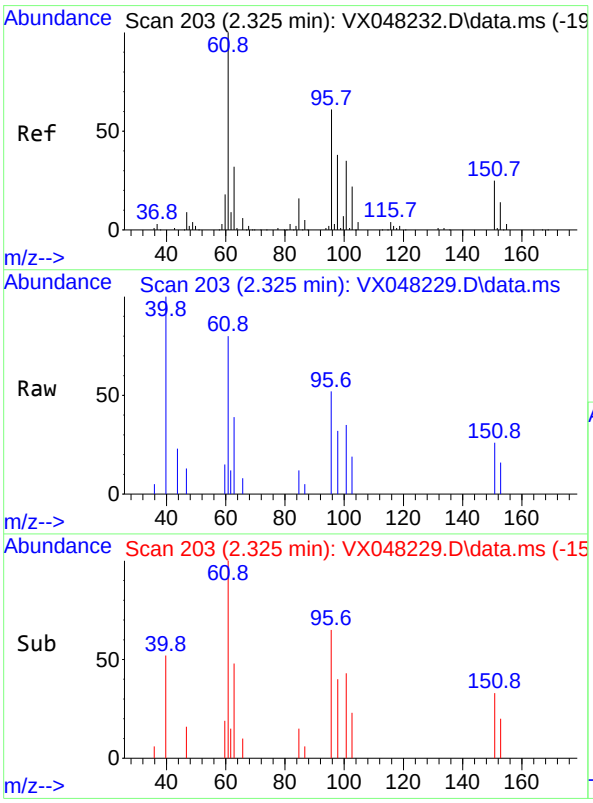

#11
Tert butyl alcohol
Concen: 5.144 ug/l
RT: 2.953 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 59 Resp: 839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.4# |

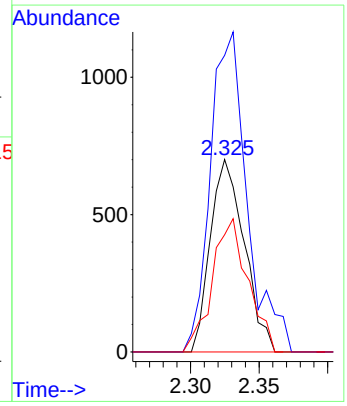


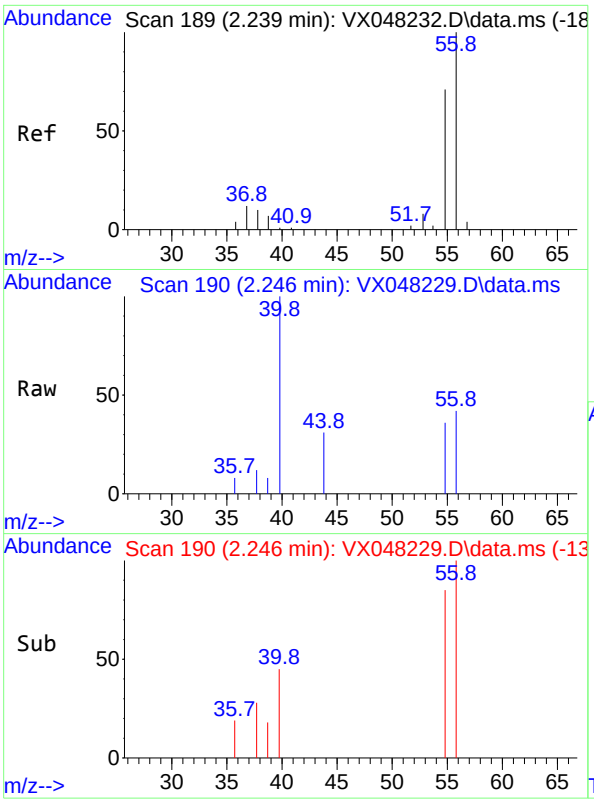




#12
1,1-Dichloroethene
Concen: 0.981 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 96 Resp: 1207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 154.1 | 139.0 | 208.6 |
| 98 | 60.9 | 52.4 | 78.6 |



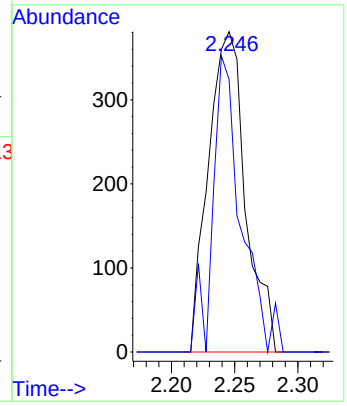


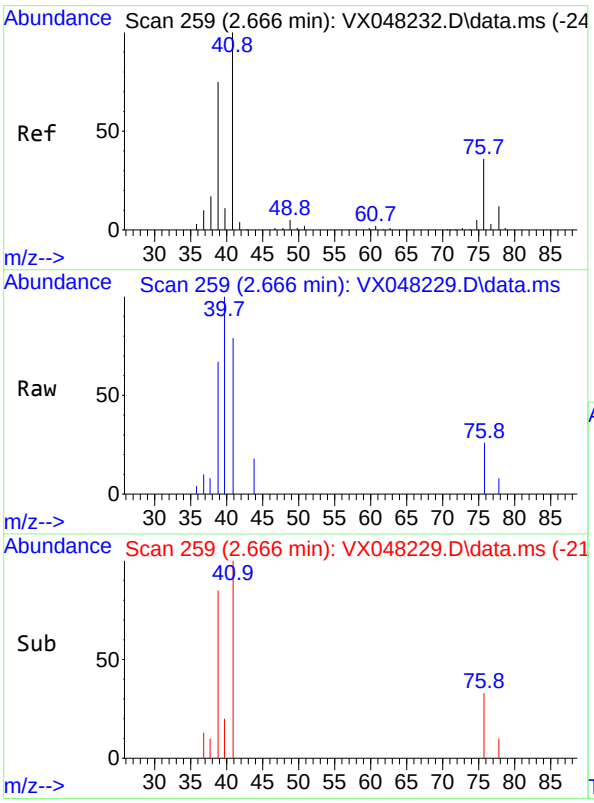

#13
Acrolein
Concen: 4.689 ug/l
RT: 2.246 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 56 Resp: 780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.0 | 56.1 | 84.1 |

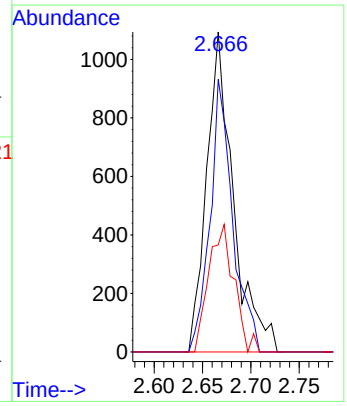


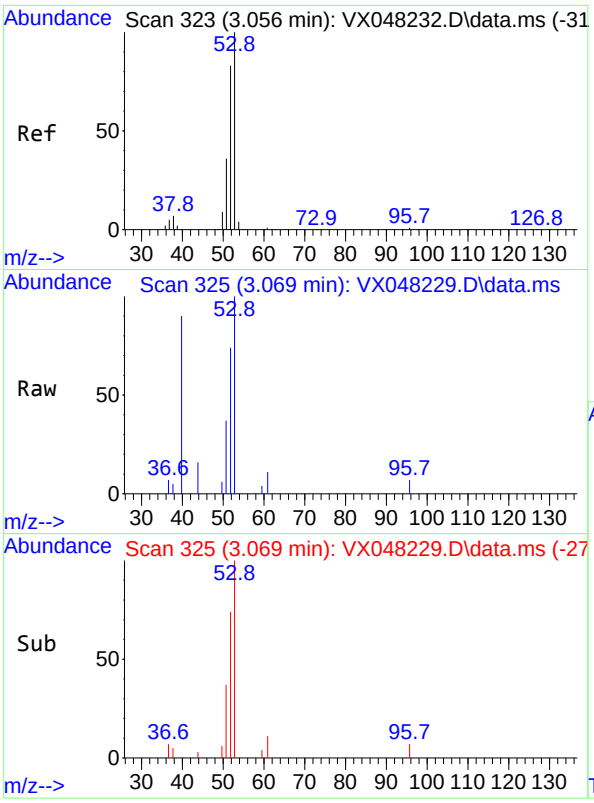




#14
Allyl chloride
Concen: 1.029 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 2101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 72.1 | 56.0 | 84.0 |
| 76 | 37.8 | 27.5 | 41.3 |



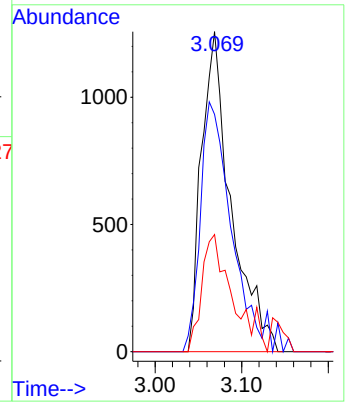


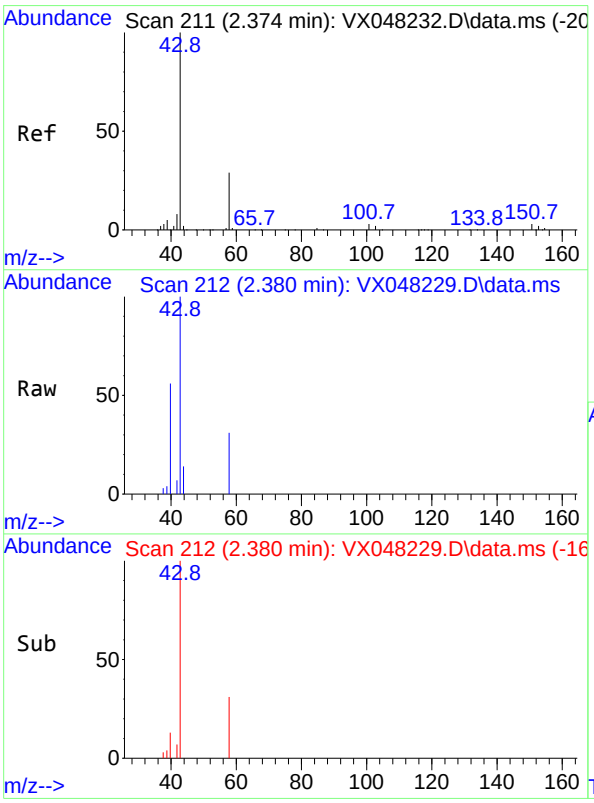

#15
Acrylonitrile
Concen: 5.074 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 53 Resp: 2984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.3 | 66.1 | 99.1 |
| 51 | 37.8 | 29.0 | 43.4 |

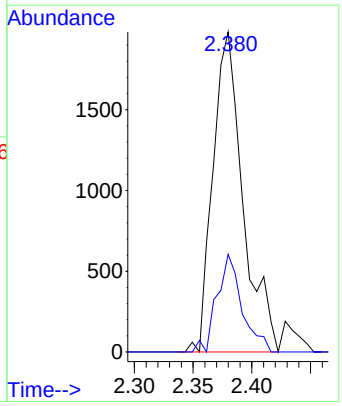


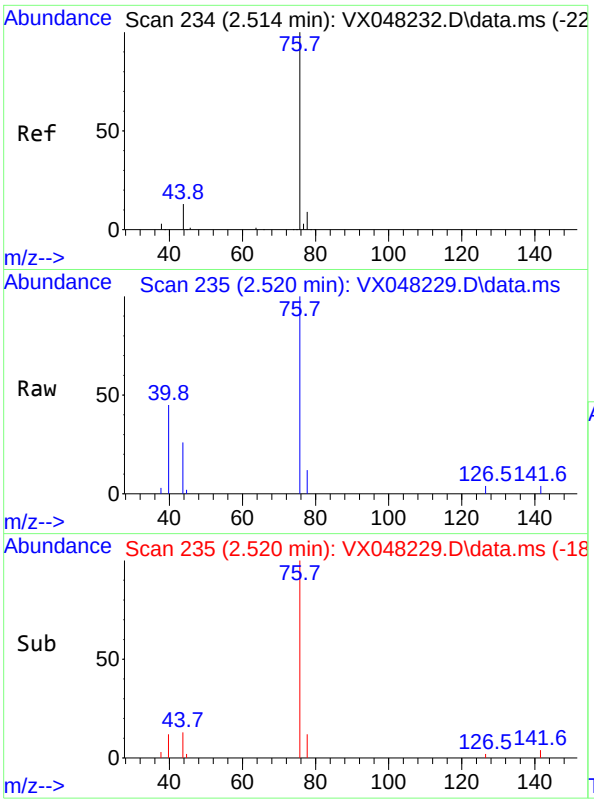




#16
Acetone
Concen: 6.245 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 3519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.5 | 23.4 | 35.2 |



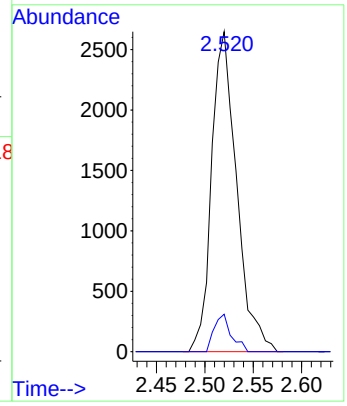


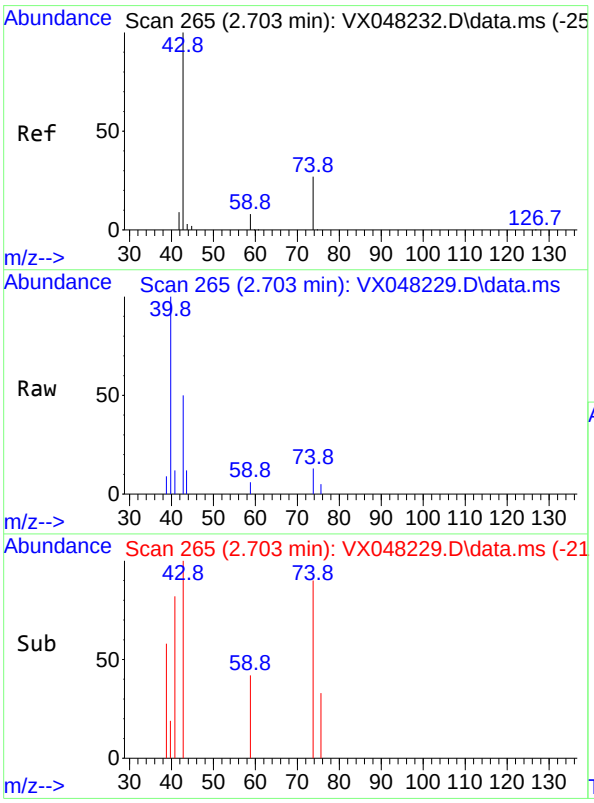

#17
Carbon Disulfide
Concen: 1.230 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 76 Resp: 4767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.7 | 7.1 | 10.7# |

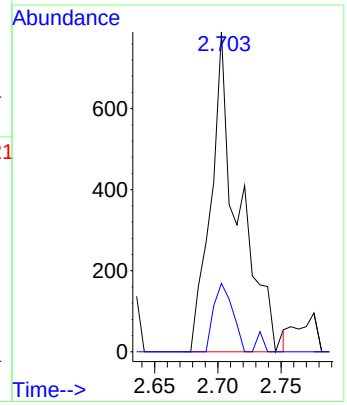


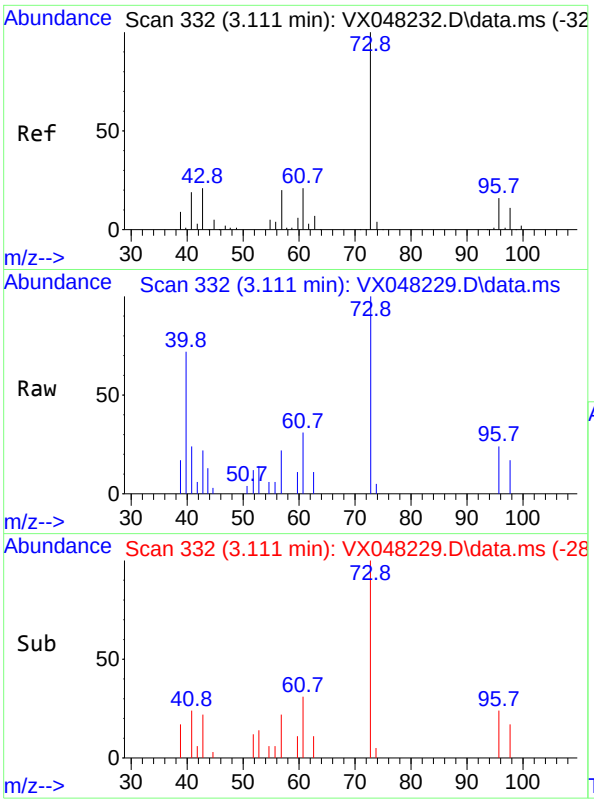




#18
Methyl Acetate
Concen: 1.023 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 1204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 14.6 | 17.5 | 26.3# |



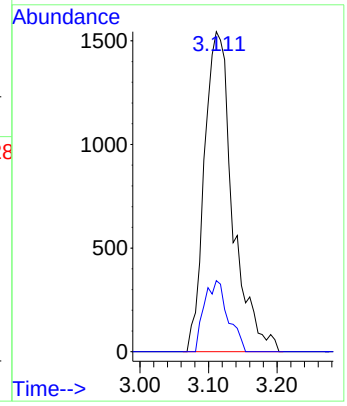


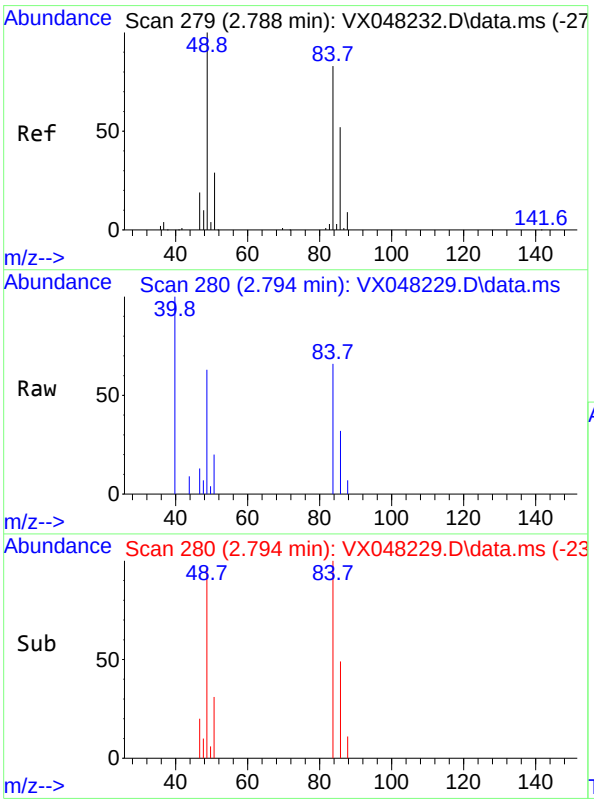

#19
Methyl tert-butyl Ether
Concen: 1.057 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 73 Resp: 4437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.2 | 17.7 | 26.5 |

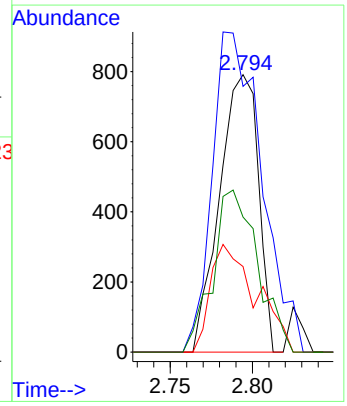


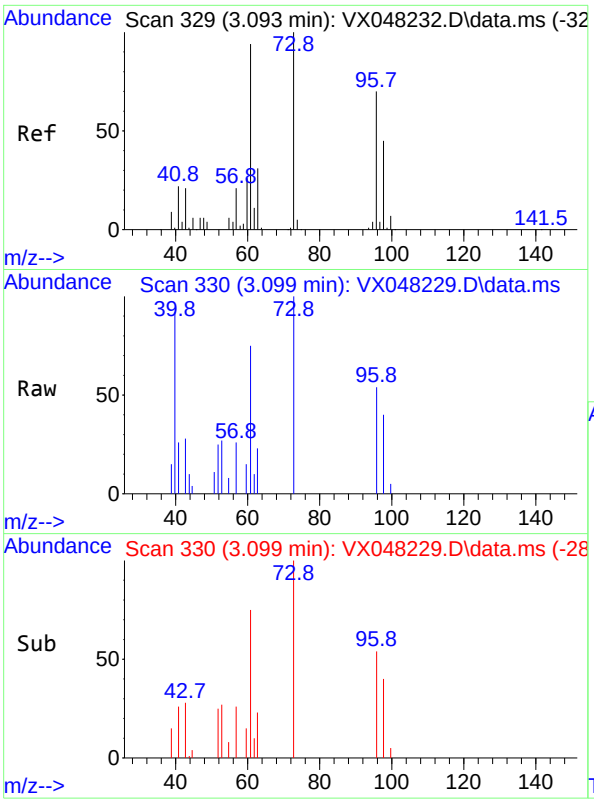




#20
Methylene Chloride
Concen: 0.948 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 84 Resp: 1301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 95.8 | 104.1 | 156.1# |
| 51 | 30.8 | 31.3 | 46.9# |
| 86 | 48.7 | 51.3 | 76.9# |



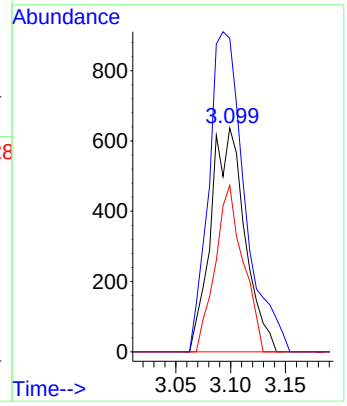


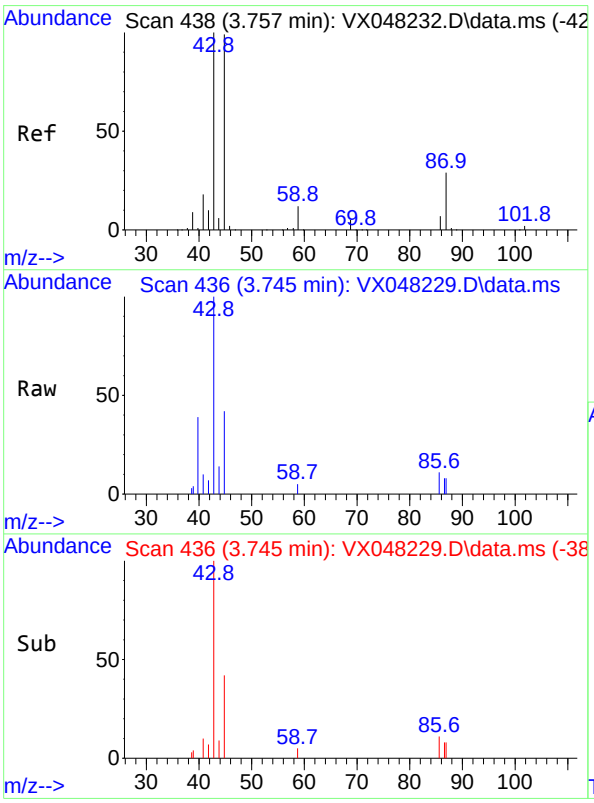

#21
trans-1,2-Dichloroethene
Concen: 1.018 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 96 Resp: 1376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 140.0 | 111.9 | 167.9 |
| 98 | 74.4 | 51.2 | 76.8 |

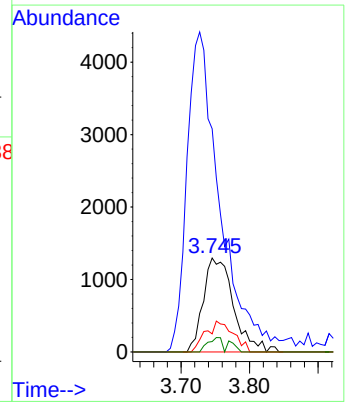


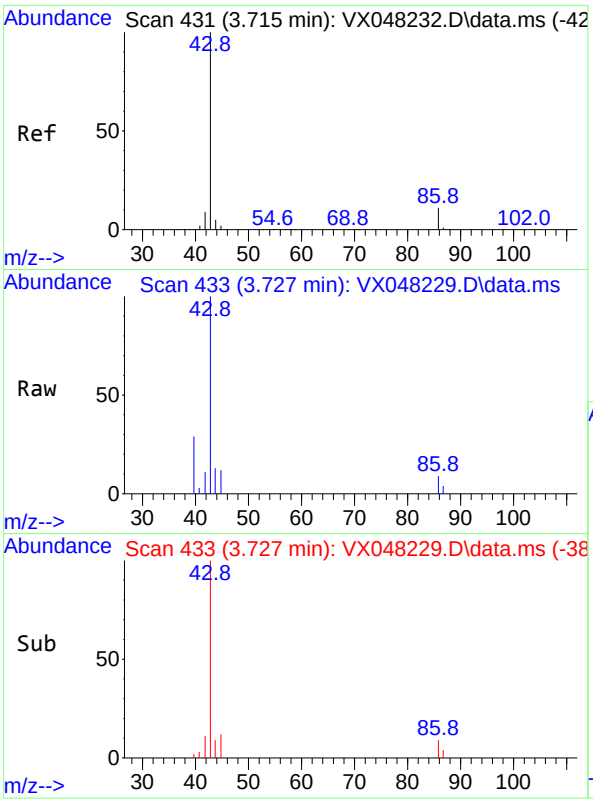




#22
Diisopropyl ether
Concen: 0.976 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 45 Resp: 3977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 213.9 | 89.8 | 134.8# |
| 87 | 19.2 | 20.6 | 31.0# |
| 59 | 11.0 | 9.1 | 13.7 |



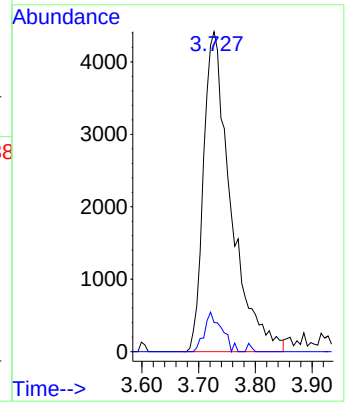


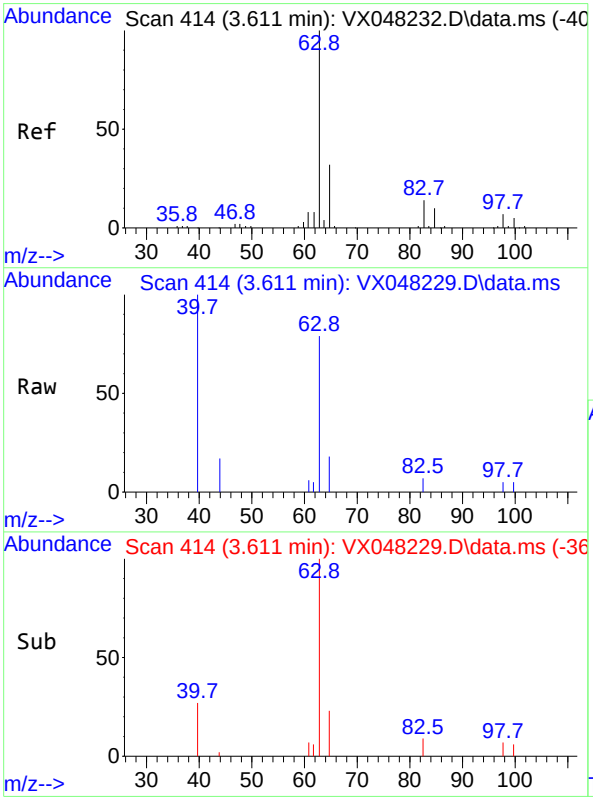

#23
Vinyl Acetate
Concen: 4.539 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 14769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.8 | 7.9 | 11.9 |

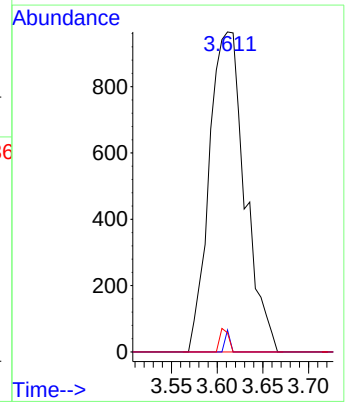


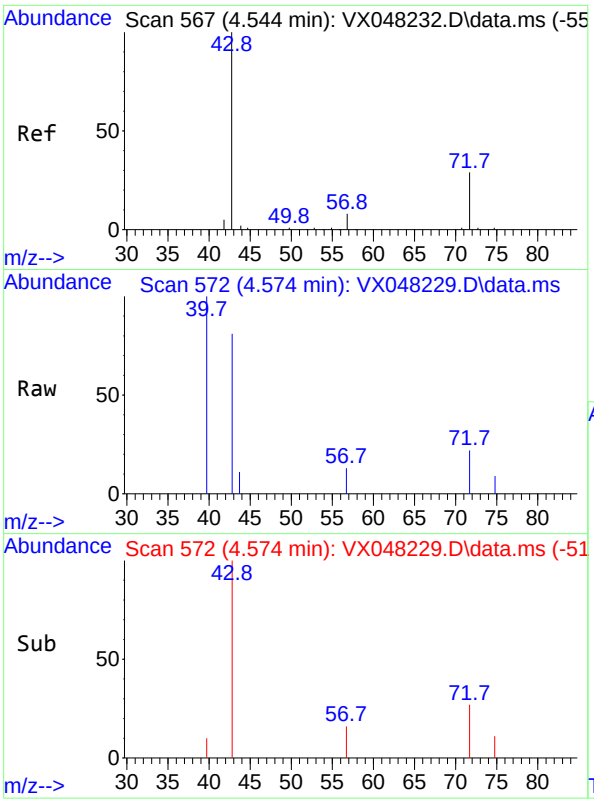




#24
1,1-Dichloroethane
Concen: 1.062 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 2615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.8 | 3.5 | 10.6 |
| 100 | 6.0 | 2.1 | 6.3 |



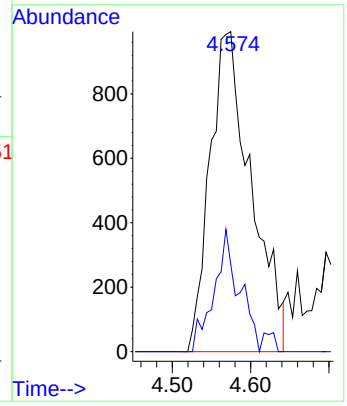


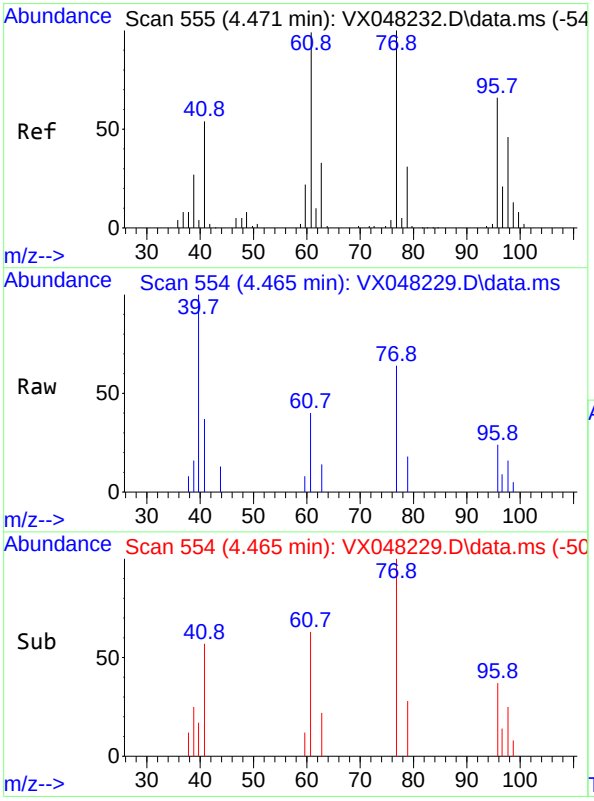

#25
2-Butanone
Concen: 5.100 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 3638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.0 | 19.9 | 29.9 |

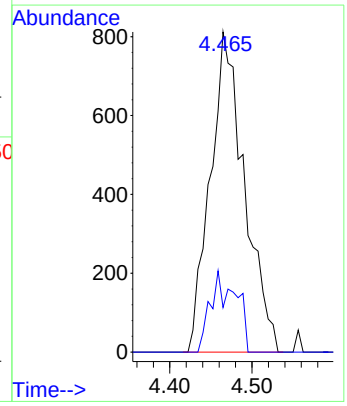


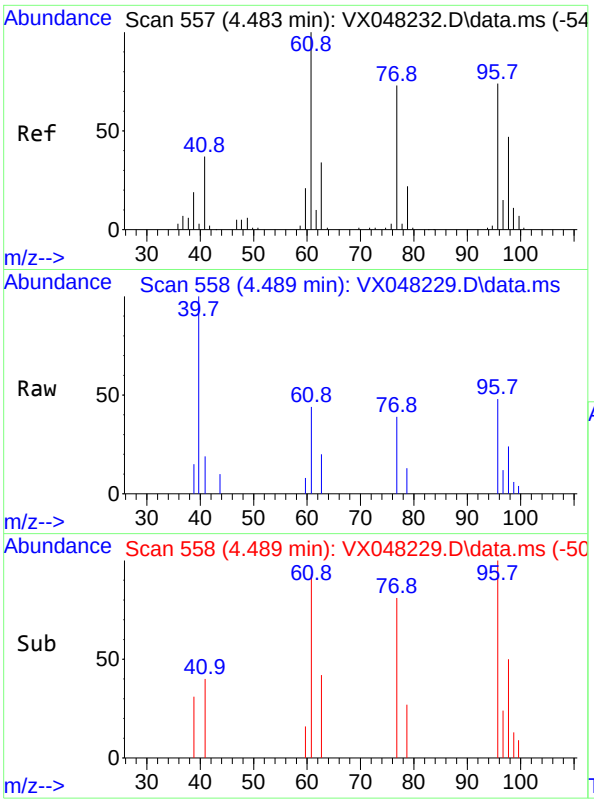




#26
2,2-Dichloropropane
Concen: 1.056 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 77 Resp: 2347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 14.3 | 11.1 | 33.3 |



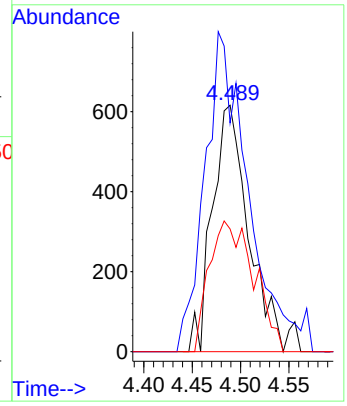


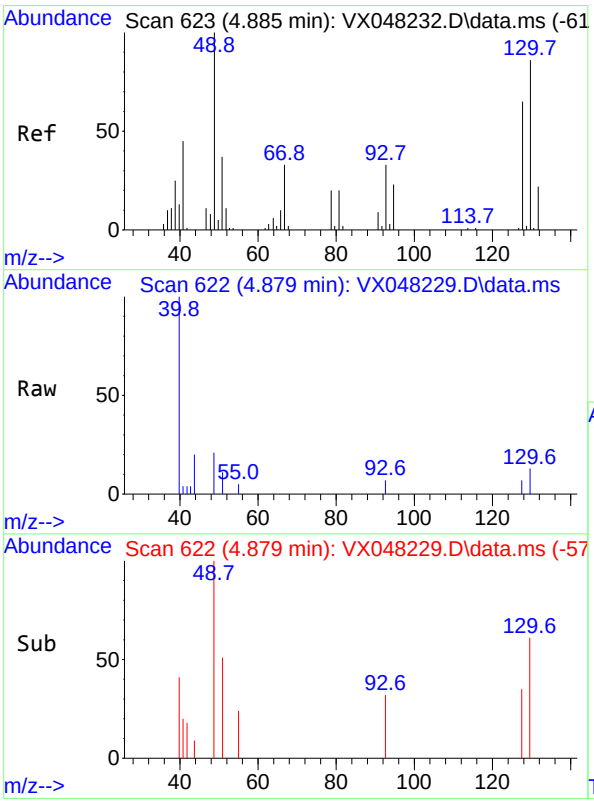

#27
cis-1,2-Dichloroethene
Concen: 1.013 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 96 Resp: 1598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.9 | 0.0 | 294.2 |
| 98 | 65.8 | 0.0 | 128.4 |

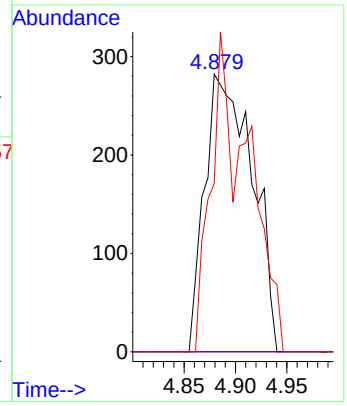


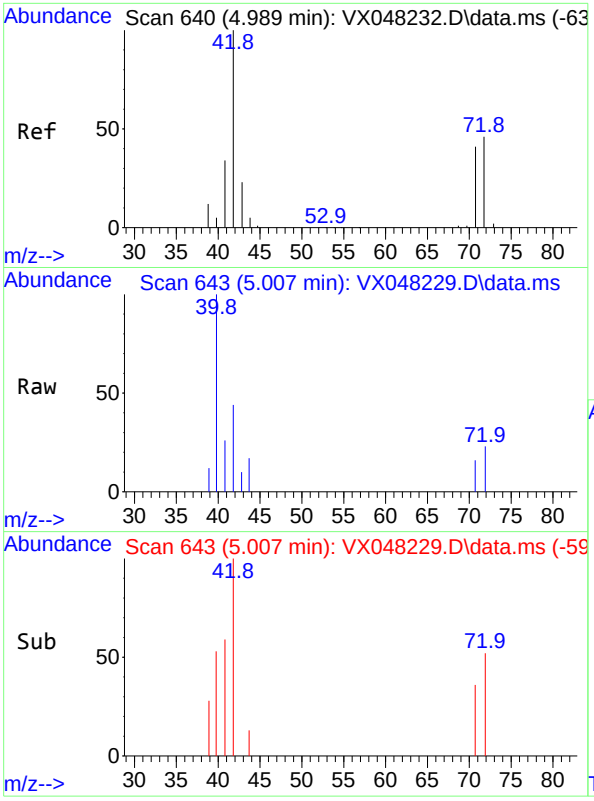




#28
Bromochloromethane
Concen: 0.889 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 49 Resp: 908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.4 |
| 130 | 47.0 | 59.3 | 88.9# |



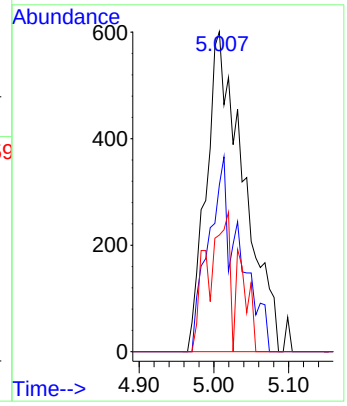


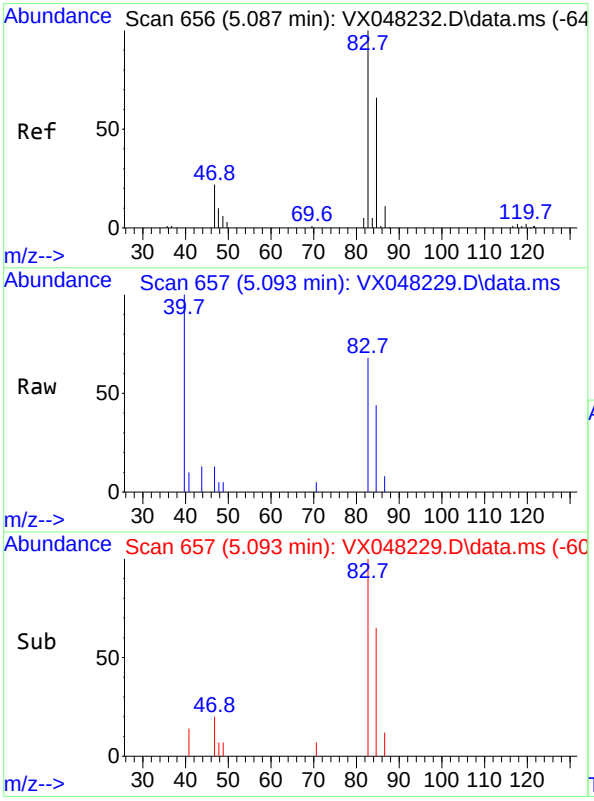

#29
Tetrahydrofuran
Concen: 4.888 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 42 Resp: 2088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 34.1 | 35.3 | 52.9# |
| 71 | 16.2 | 32.2 | 48.4# |

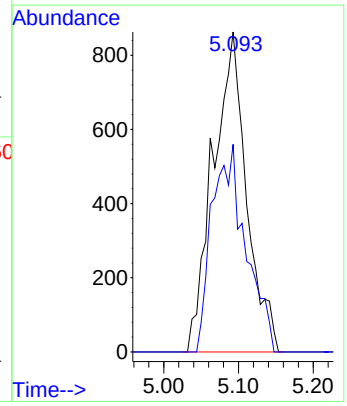


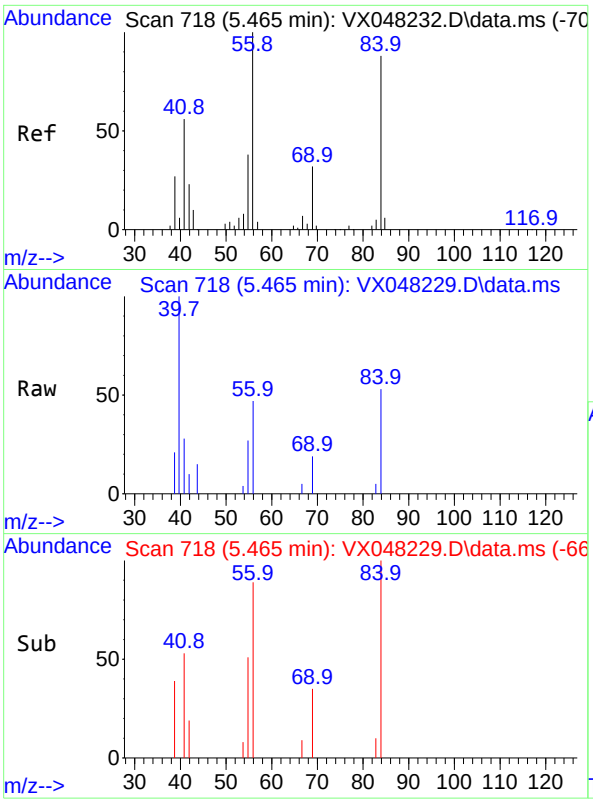




#30
Chloroform
Concen: 1.022 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 2688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 50.1 | 75.1 |



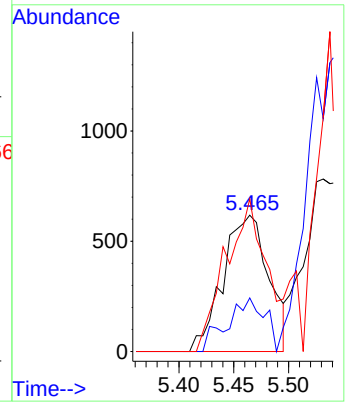


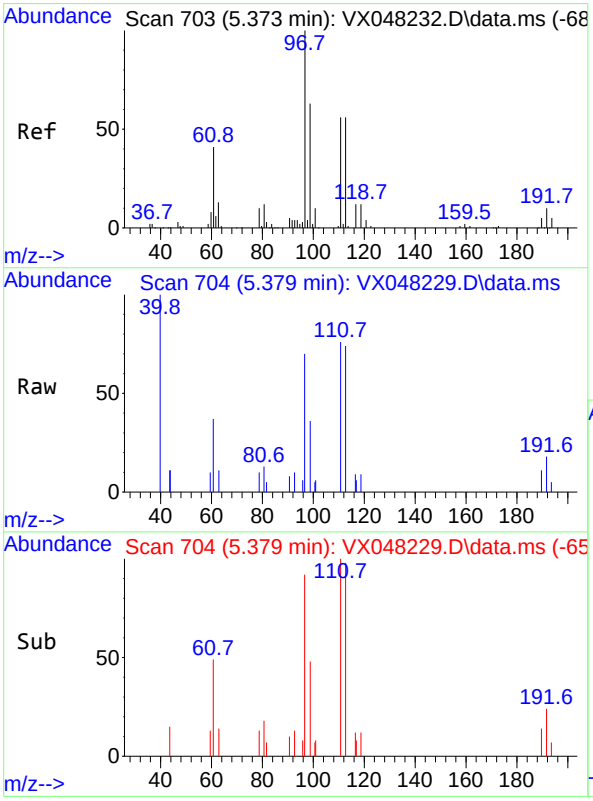

#31
Cyclohexane
Concen: 0.881 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 56 Resp: 1796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 39.3 | 23.0 | 34.6# |
| 84 | 112.0 | 64.6 | 97.0# |

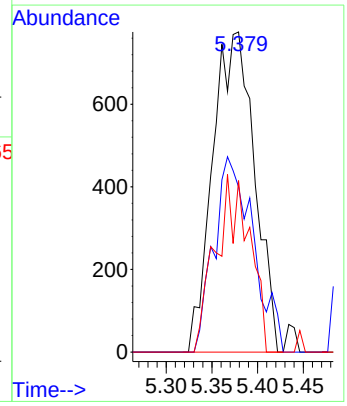


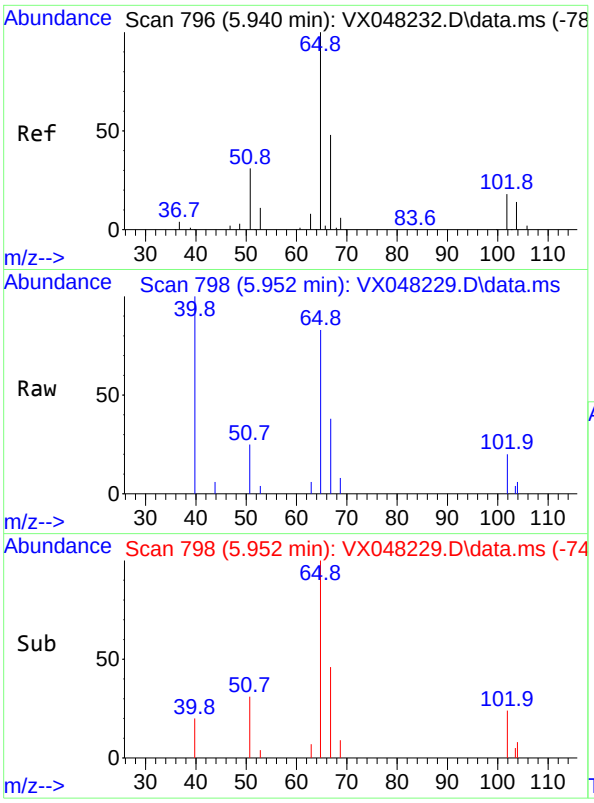




#32
1,1,1-Trichloroethane
Concen: 1.014 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 97 Resp: 2459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 51.7 | 77.5# |
| 61 | 44.9 | 34.8 | 52.2 |



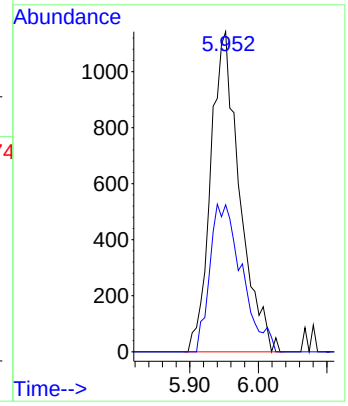


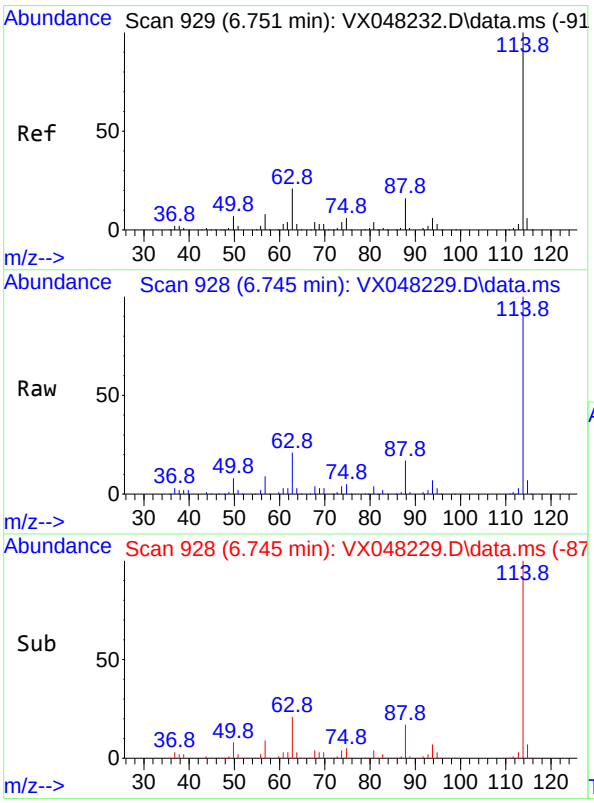

#33
1,2-Dichloroethane-d4
Concen: 2.047 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 65 Resp: 3362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.9 | 0.0 | 105.0 |

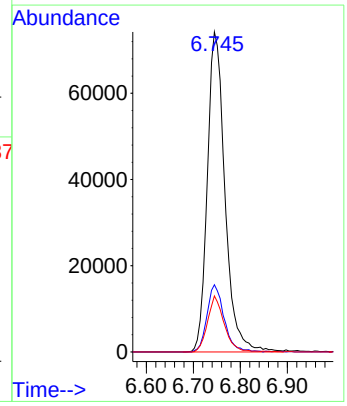


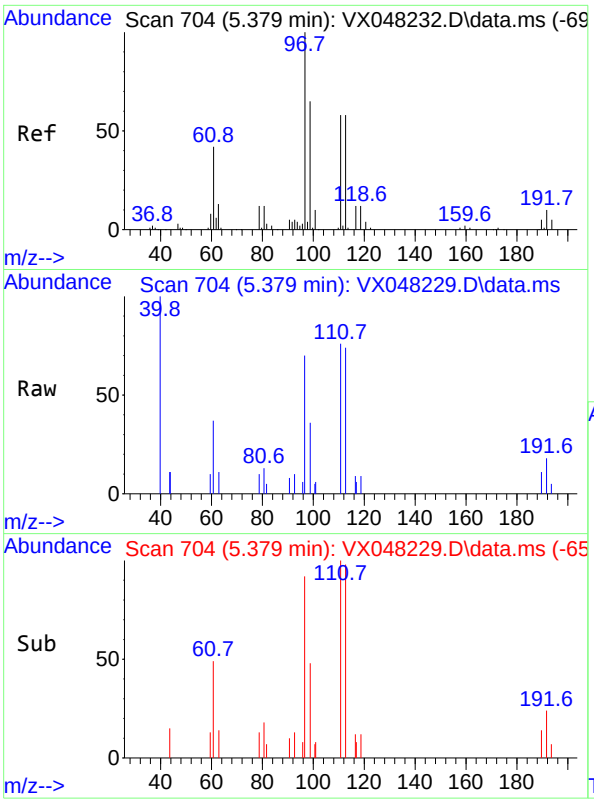




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:114 Resp: 193186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.0 | 0.0 | 43.2 |
| 88 | 17.5 | 0.0 | 33.6 |



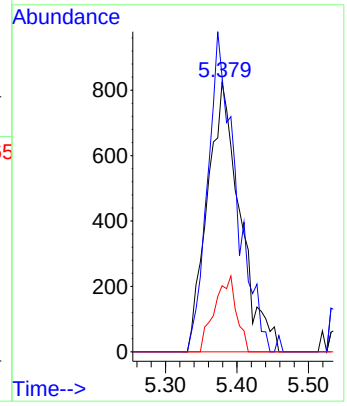


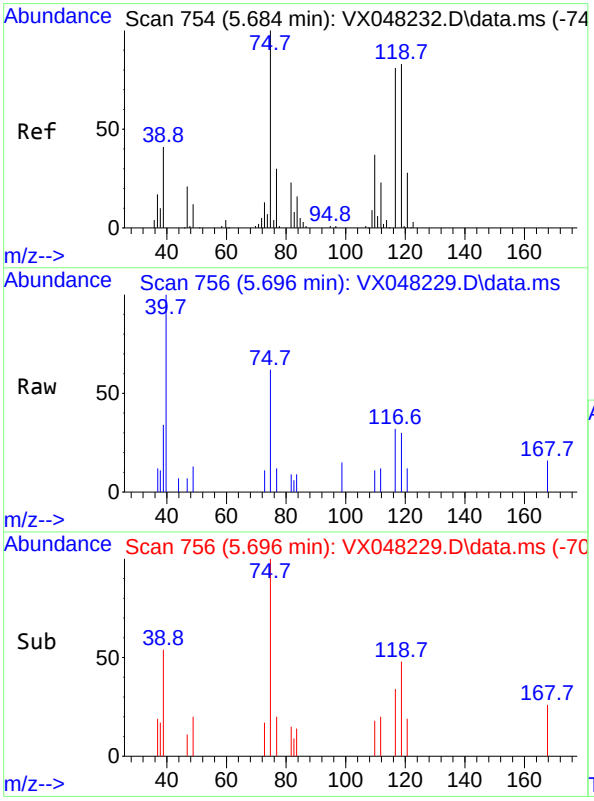

#35
Dibromofluoromethane
Concen: 1.983 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:113 Resp: 2615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.3 | 82.2 | 123.4 |
| 192 | 18.8 | 15.1 | 22.7 |

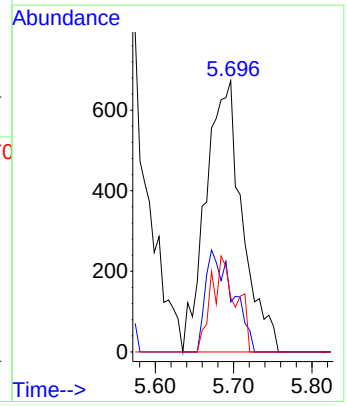


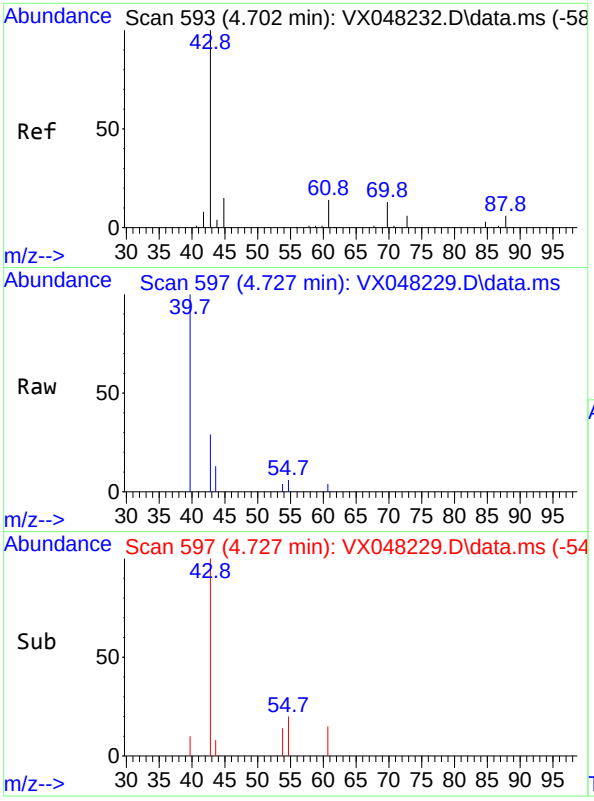




#36
1,1-Dichloropropene
Concen: 1.159 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 2173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 17.7 | 53.1# |
| 77 | 23.9 | 24.3 | 36.5# |



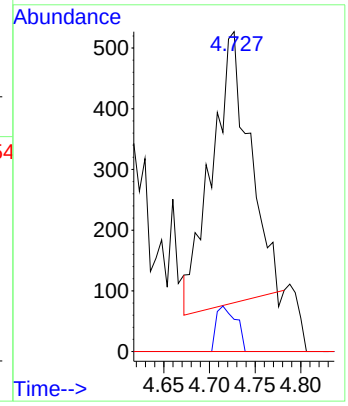


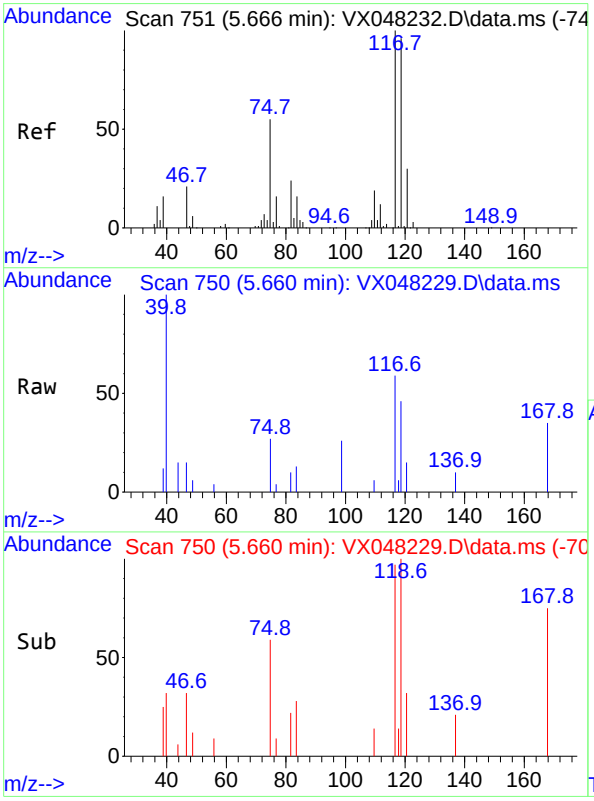

#37
Ethyl Acetate
Concen: 0.827 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.031 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 1285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 8.8 | 10.6 | 15.8# |
| 70 | 0.0 | 7.8 | 11.6# |

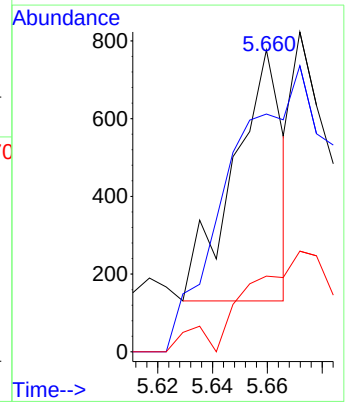


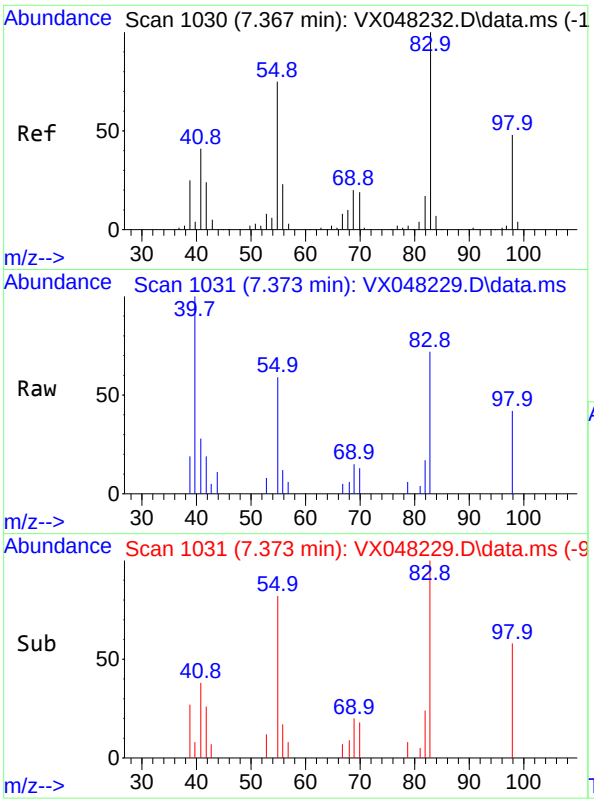




#38
Carbon Tetrachloride
Concen: 0.347 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 71.7 | 77.2 | 115.8# |
| 121 | 22.4 | 24.8 | 37.2# |



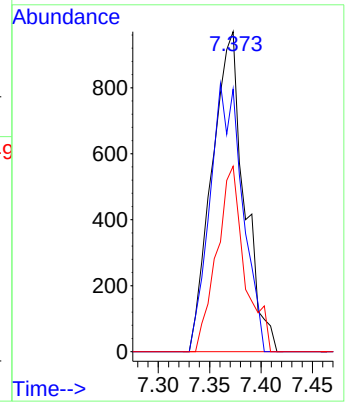


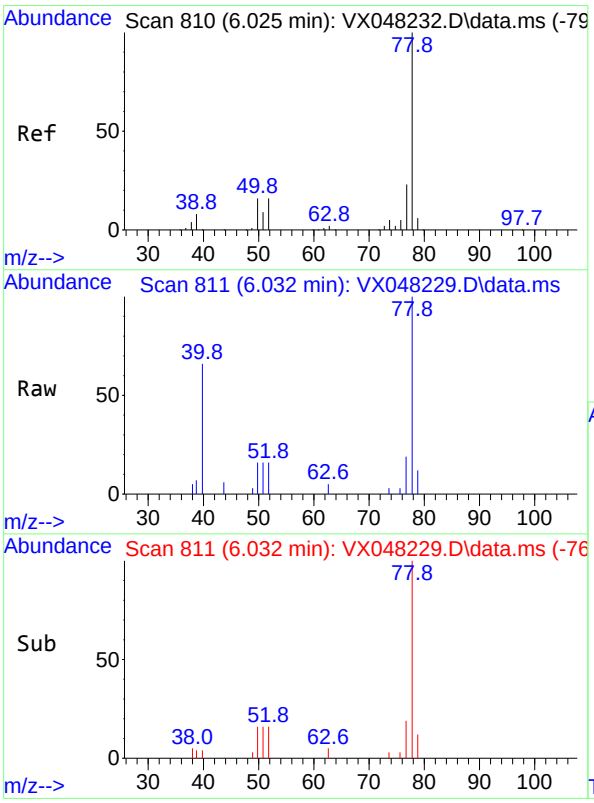

#39
Methylcyclohexane
Concen: 0.961 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 2128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 82.1 | 66.2 | 99.2 |
| 98 | 57.9 | 38.9 | 58.3 |

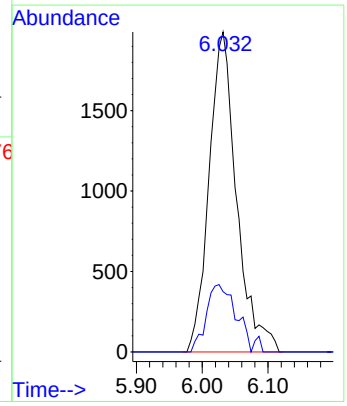


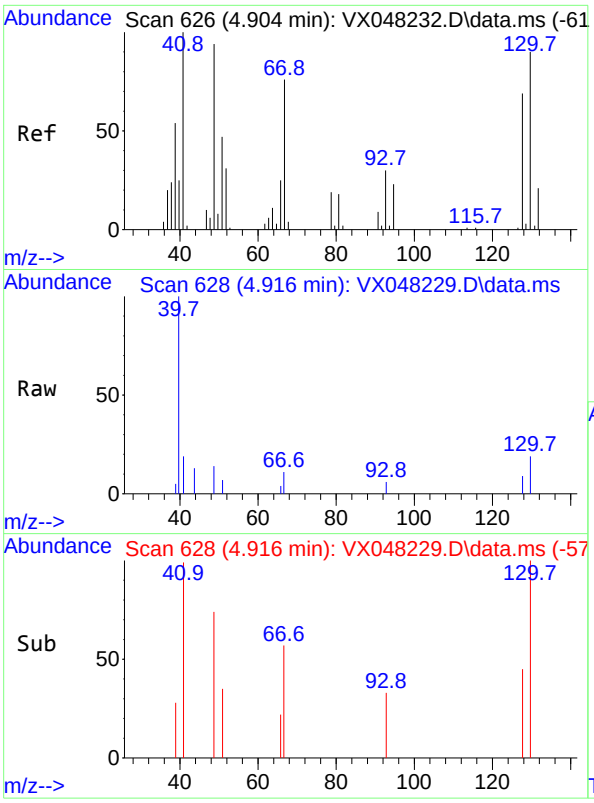




#40
Benzene
Concen: 1.060 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 78 Resp: 5767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 18.9 | 19.3 | 28.9# |



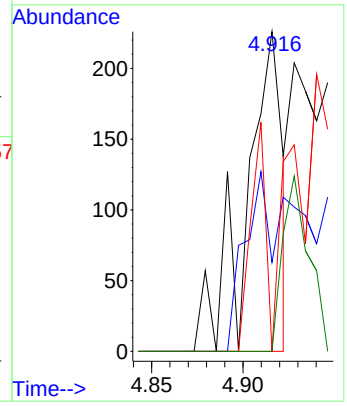


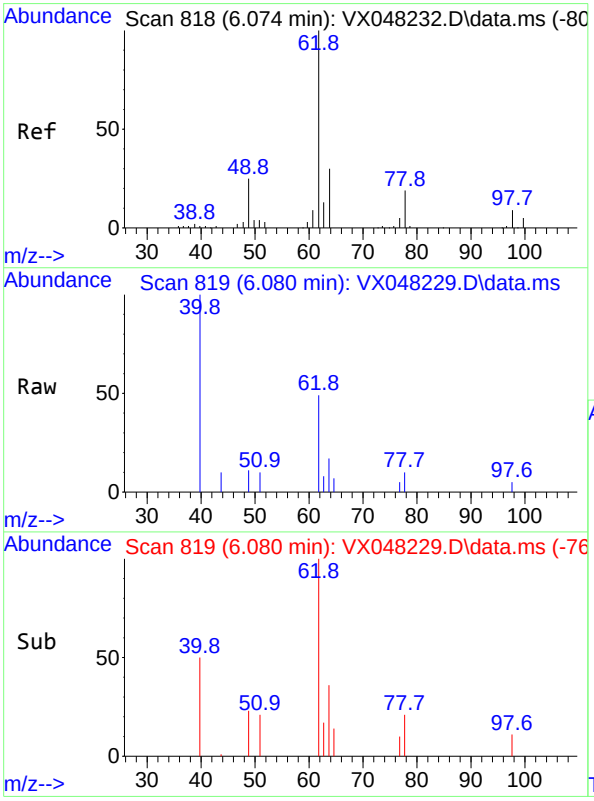

#41
Methacrylonitrile
Concen: 0.382 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 41 Resp: 312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 40.4 | 44.0 | 66.0# |
| 67 | 29.2 | 58.7 | 88.1# |
| 52 | 39.4 | 25.9 | 38.9# |

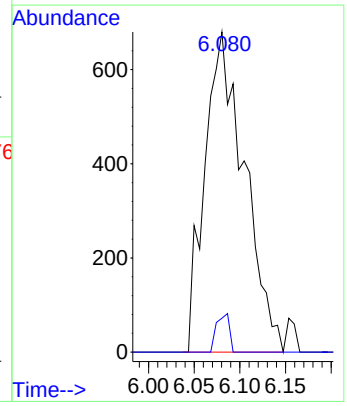


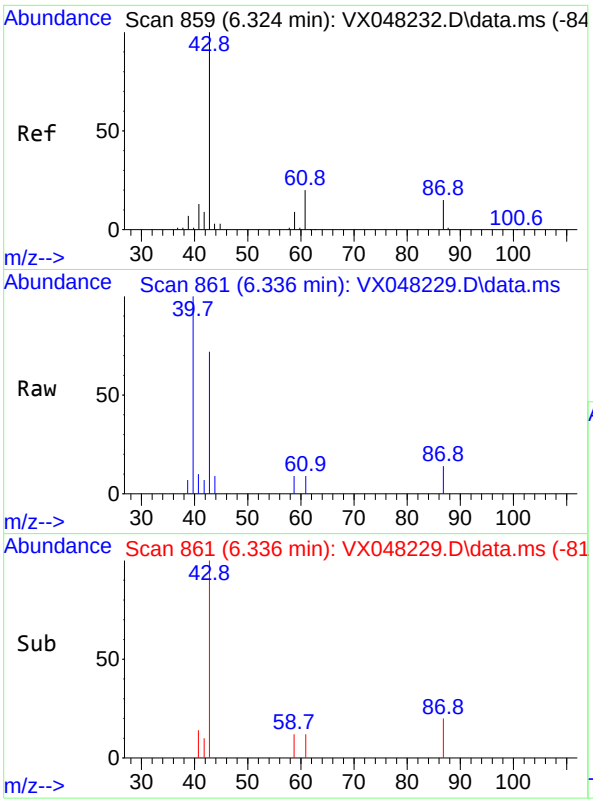




#42
1,2-Dichloroethane
Concen: 1.018 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 62 Resp: 2044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 3.9 | 0.0 | 17.2 |



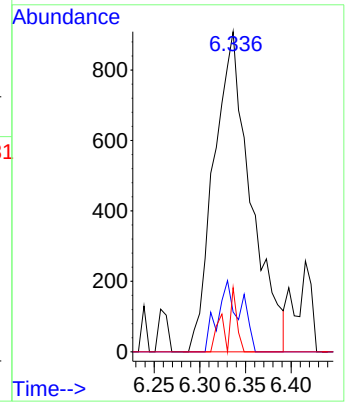


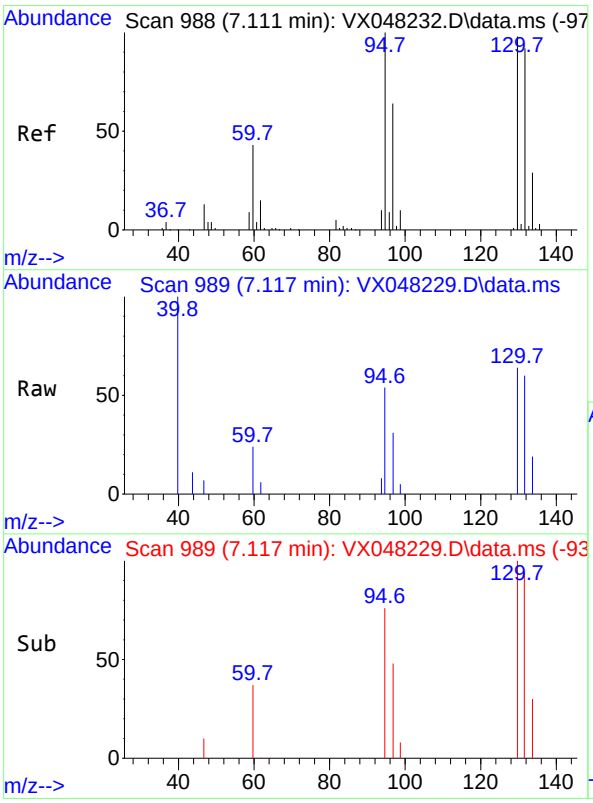

#43
Isopropyl Acetate
Concen: 0.998 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 2548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.8 | 14.9 | 22.3# |
| 87 | 3.4 | 9.4 | 14.2# |

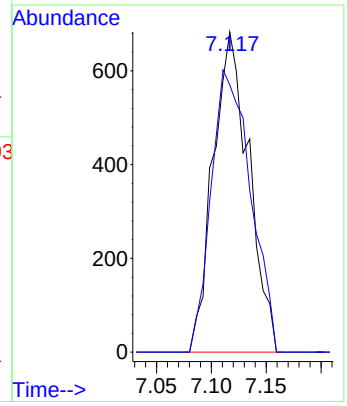


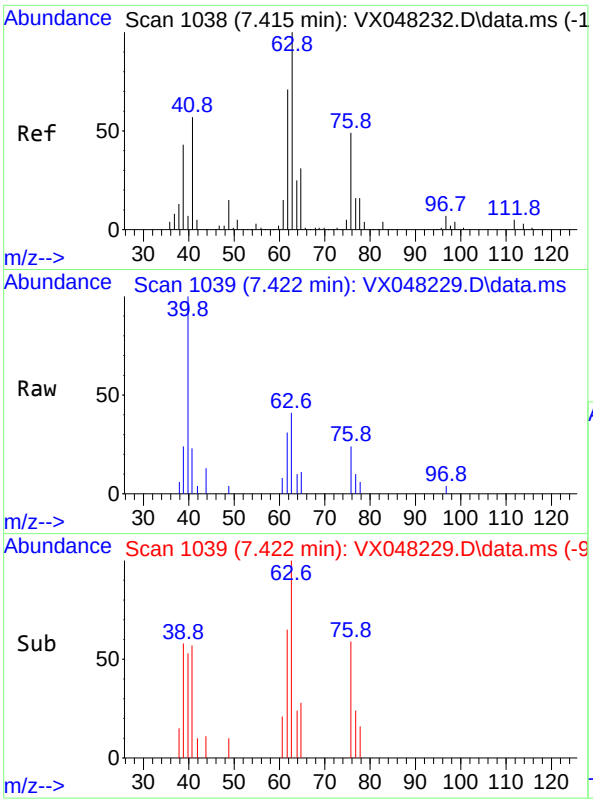




#44
Trichloroethene
Concen: 1.076 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:130 Resp: 1547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 83.5 | 0.0 | 200.6 |



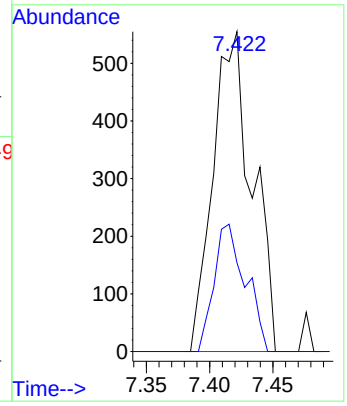


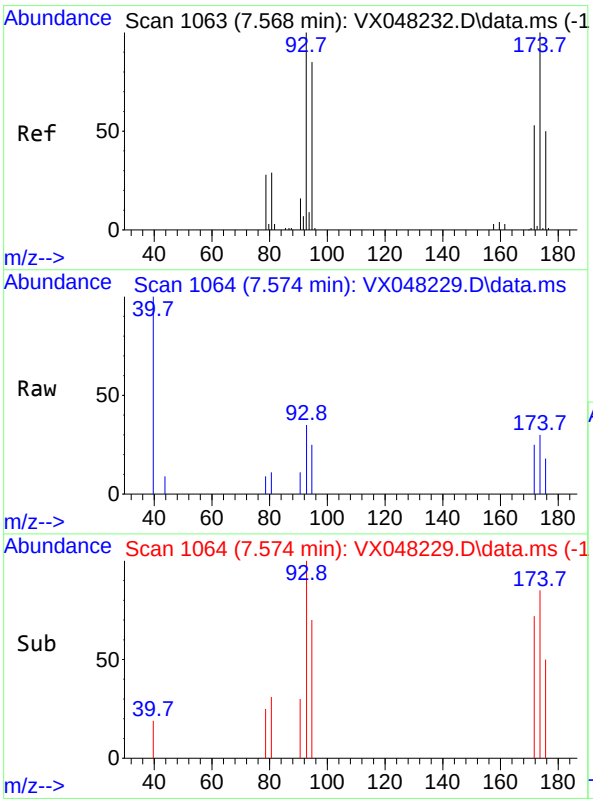

#45
1,2-Dichloropropane
Concen: 0.924 ug/l
RT: 7.422 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 63 Resp: 1195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 27.7 | 24.1 | 36.1 |

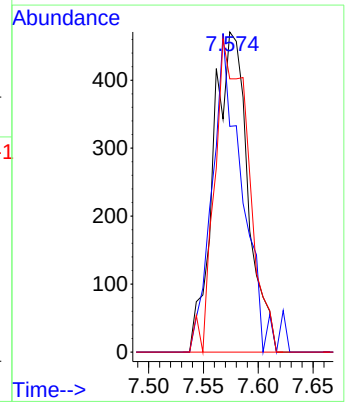


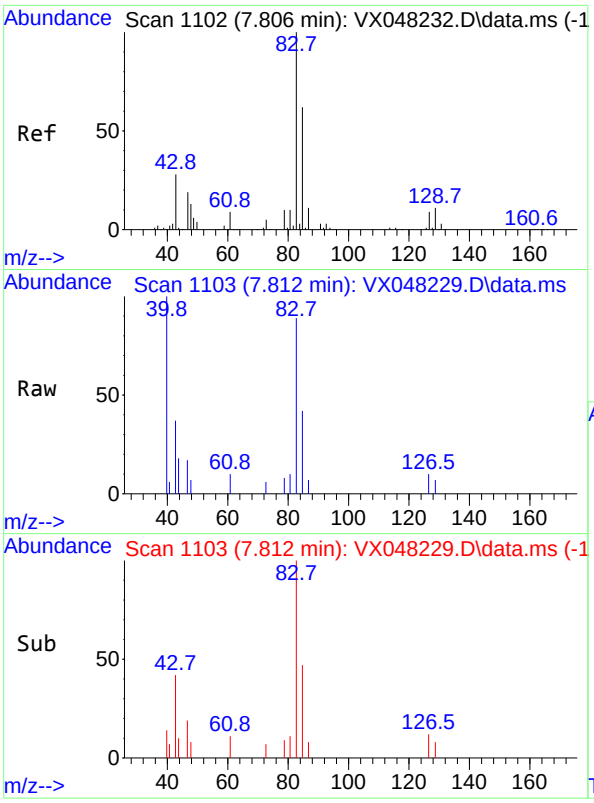




#46
Dibromomethane
Concen: 1.024 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 93 Resp: 1032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 86.4 | 65.9 | 98.9 |
| 174 | 95.3 | 71.7 | 107.5 |



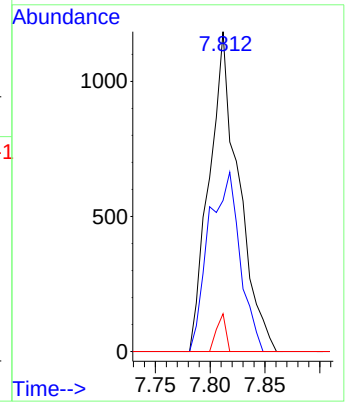


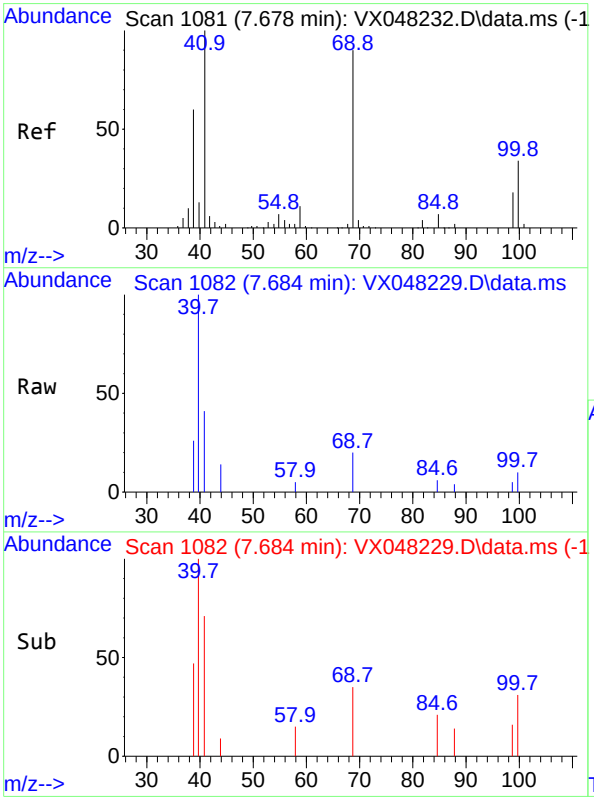

#47
Bromodichloromethane
Concen: 1.013 ug/l
RT: 7.812 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 2204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 47.2 | 52.2 | 78.4# |
| 127 | 11.8 | 7.3 | 10.9# |

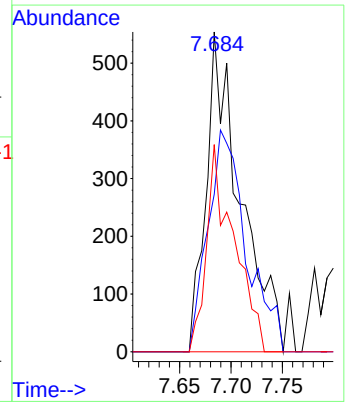


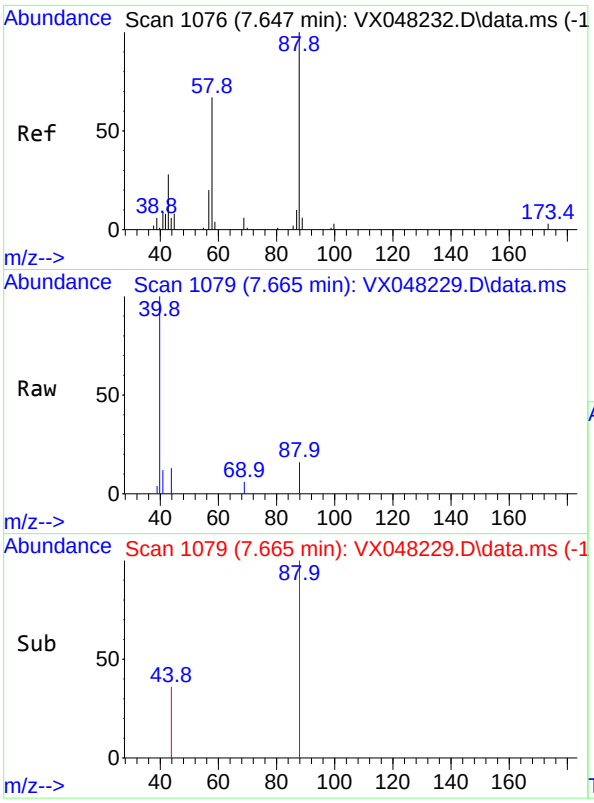




#48
Methyl methacrylate
Concen: 0.996 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 1283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 77.6 | 63.4 | 95.0 |
| 39 | 51.7 | 47.1 | 70.7 |



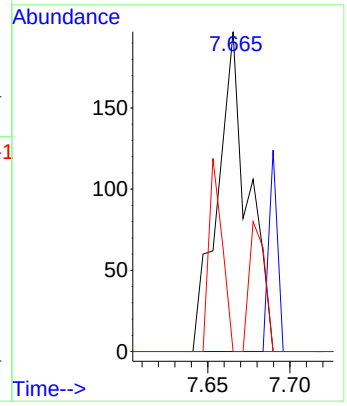


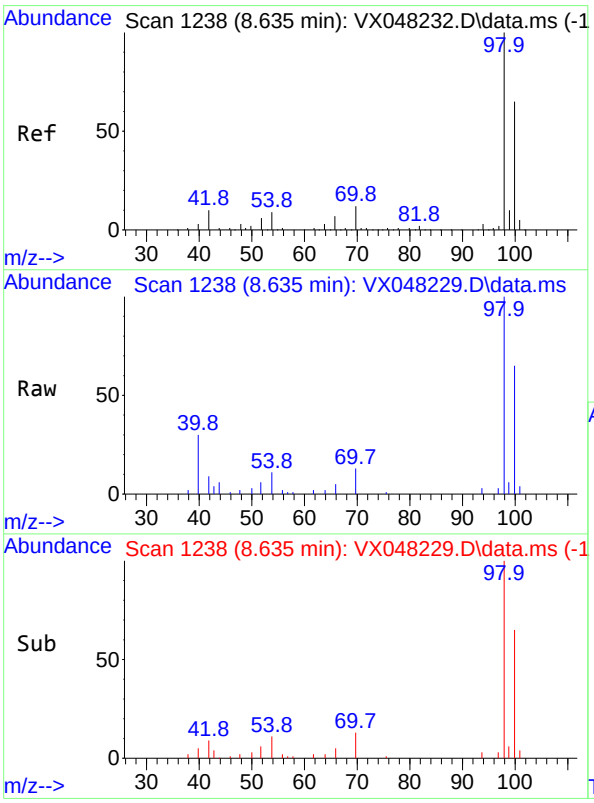

#49
1,4-Dioxane
Concen: 14.987 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 88 Resp: 255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 35.0 | 52.4# |
| 58 | 20.8 | 61.9 | 92.9# |

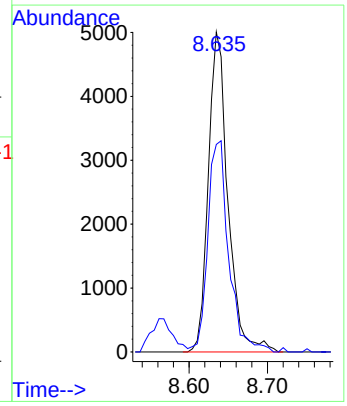


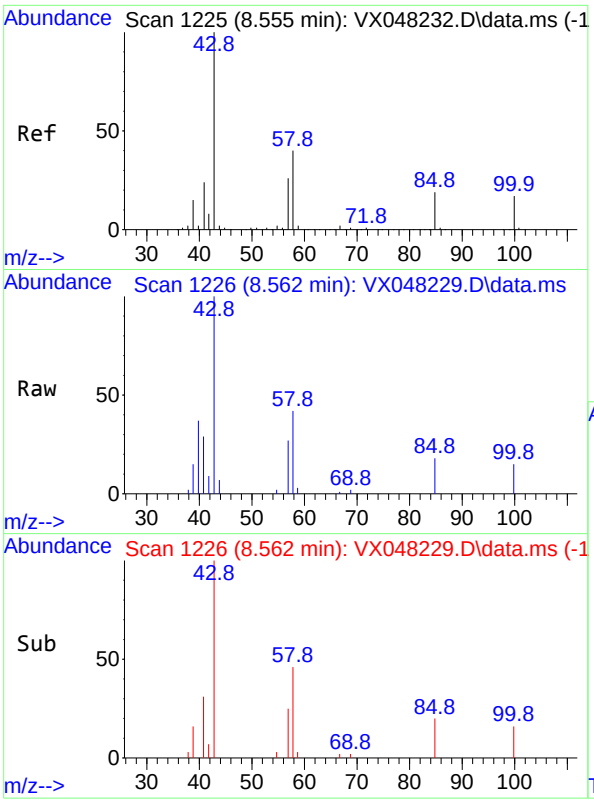




#50
Toluene-d8
Concen: 1.877 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 98 Resp: 8676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 70.5 | 53.0 | 79.4 |



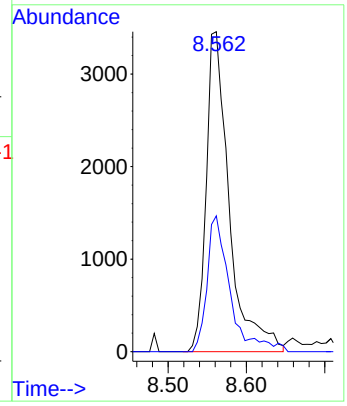


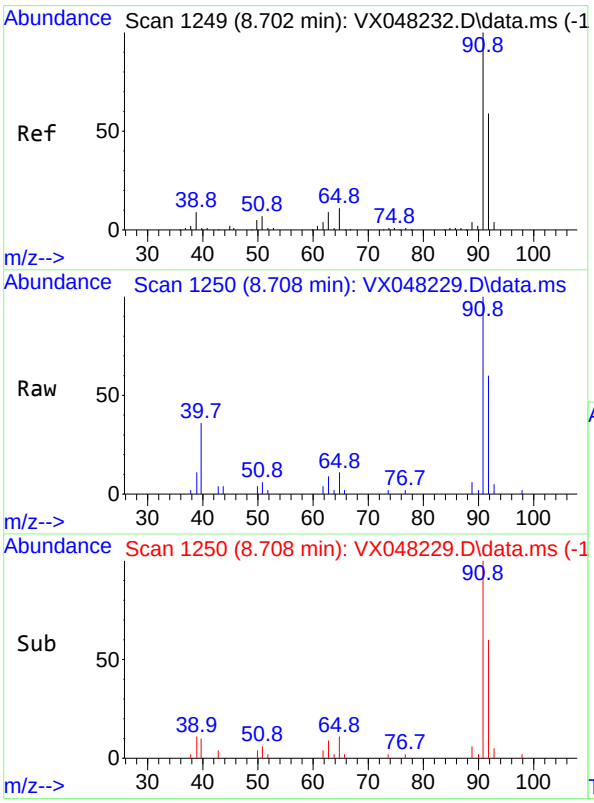

#51
4-Methyl-2-Pentanone
Concen: 4.802 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 7066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.1 | 29.5 | 44.3 |

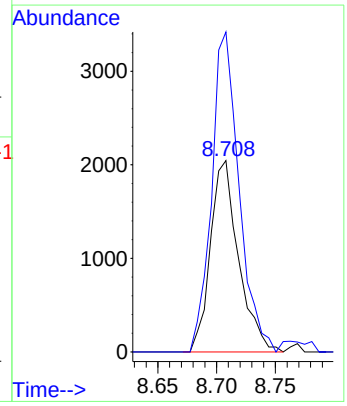


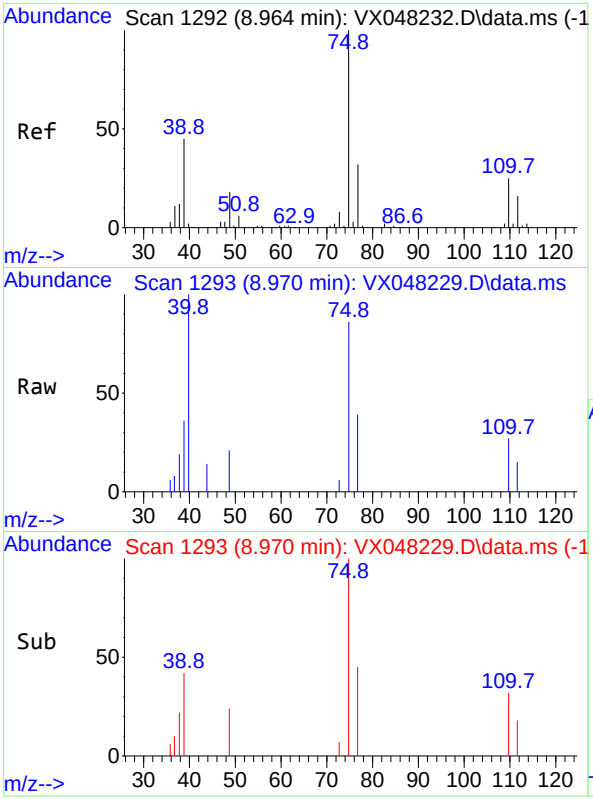




#52
Toluene
Concen: 0.984 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 92 Resp: 3403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 162.8 | 136.1 | 204.1 |



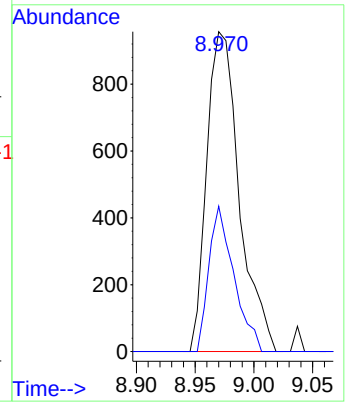


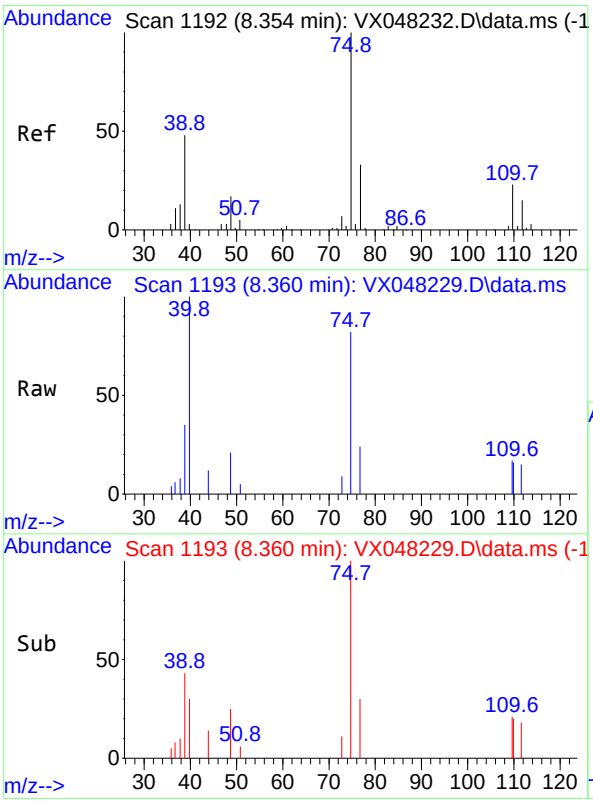

#53
t-1,3-Dichloropropene
Concen: 0.879 ug/l
RT: 8.970 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 75 Resp: 1844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.5 | 25.0 | 37.6# |

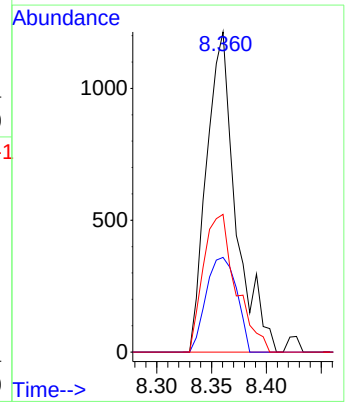


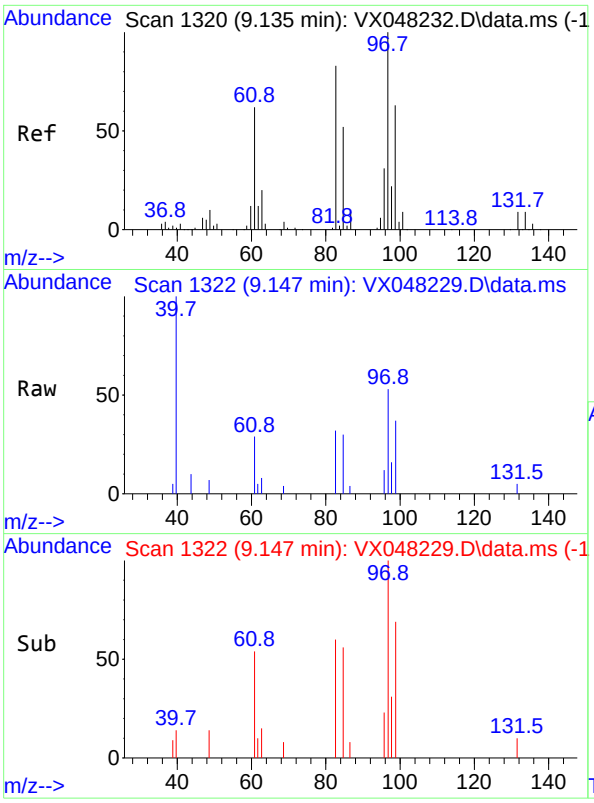




#54
cis-1,3-Dichloropropene
Concen: 0.994 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 2250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.6 | 24.9 | 37.3 |
| 39 | 43.0 | 42.6 | 64.0 |



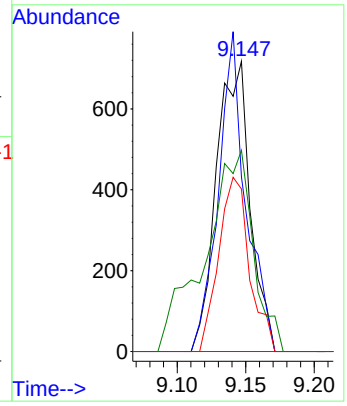


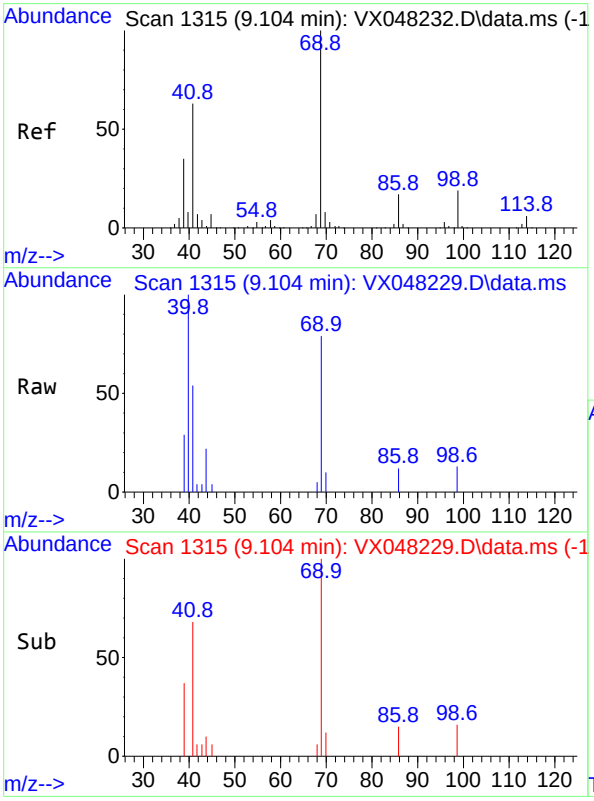

#55
1,1,2-Trichloroethane
Concen: 0.956 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 97 Resp: 1229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 60.2 | 70.6 | 105.8# |
| 85 | 56.0 | 45.0 | 67.6 |
| 99 | 69.4 | 50.9 | 76.3 |

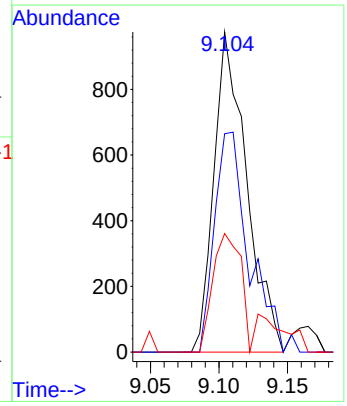


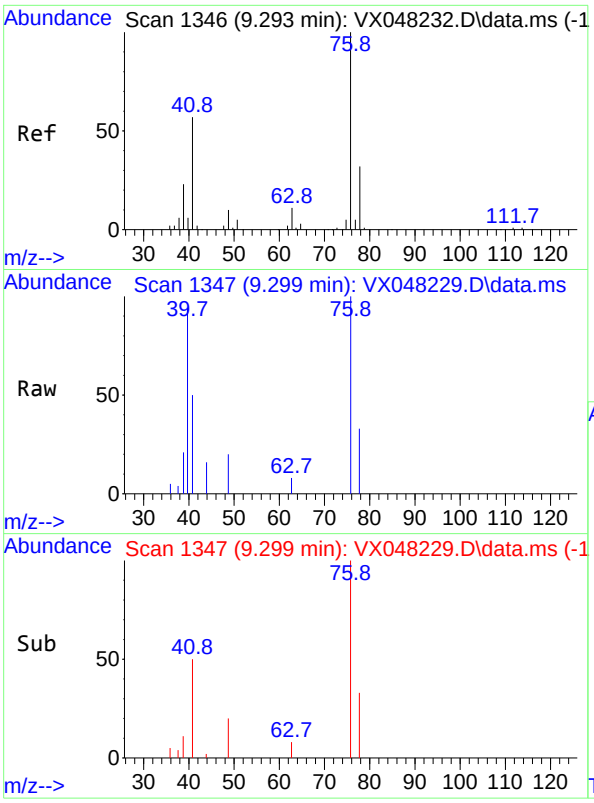




#56
Ethyl methacrylate
Concen: 0.859 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 69 Resp: 1616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 73.0 | 56.0 | 84.0 |
| 39 | 36.5 | 31.6 | 47.4 |



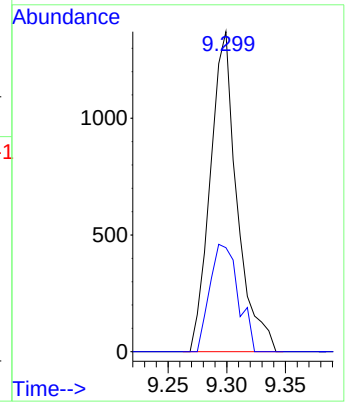


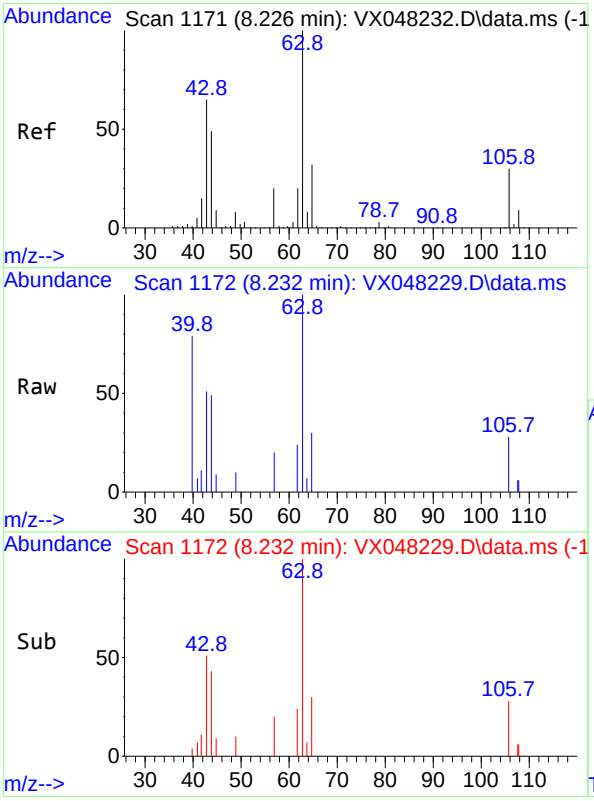

#57
1,3-Dichloropropane
Concen: 0.990 ug/l
RT: 9.299 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 76 Resp: 2174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 35.5 | 25.4 | 38.0 |

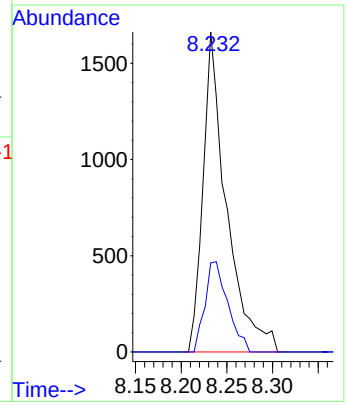


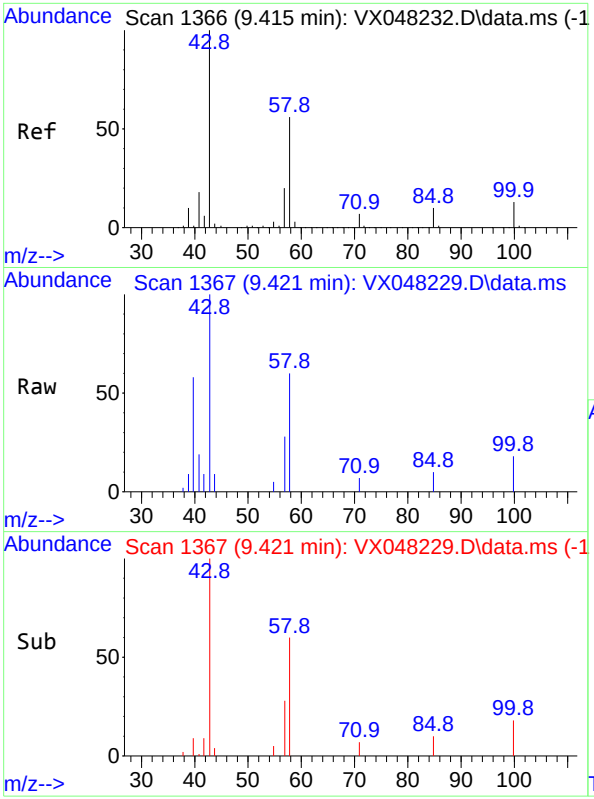




#58
2-Chloroethyl Vinyl ether
Concen: 4.614 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 2970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.5 | 22.2 | 33.2 |



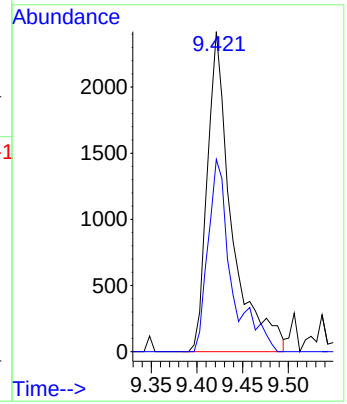


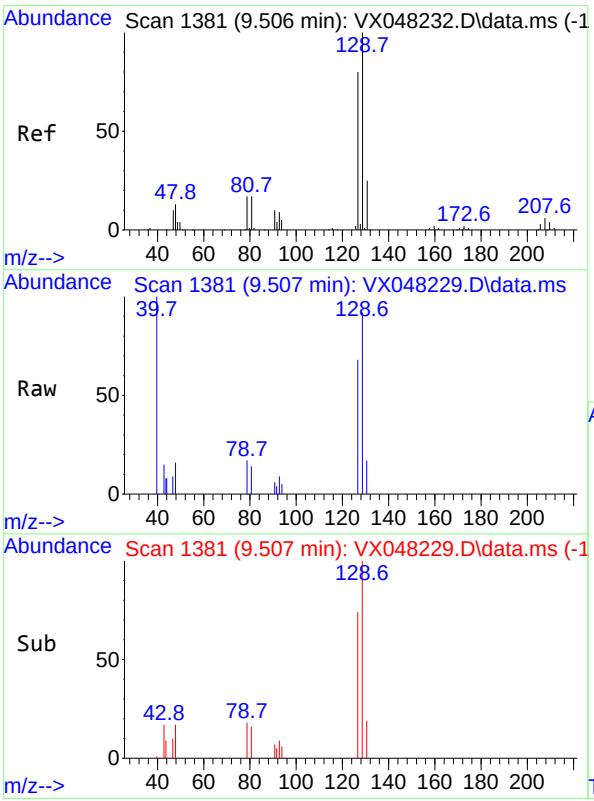

#59
2-Hexanone
Concen: 4.343 ug/l
RT: 9.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 4456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 58.1 | 26.3 | 78.8 |

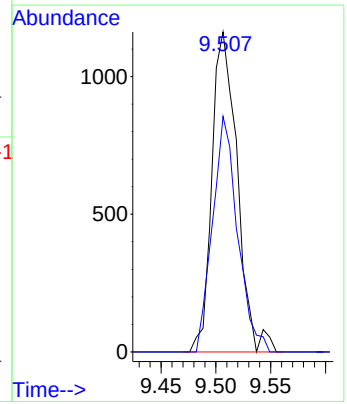


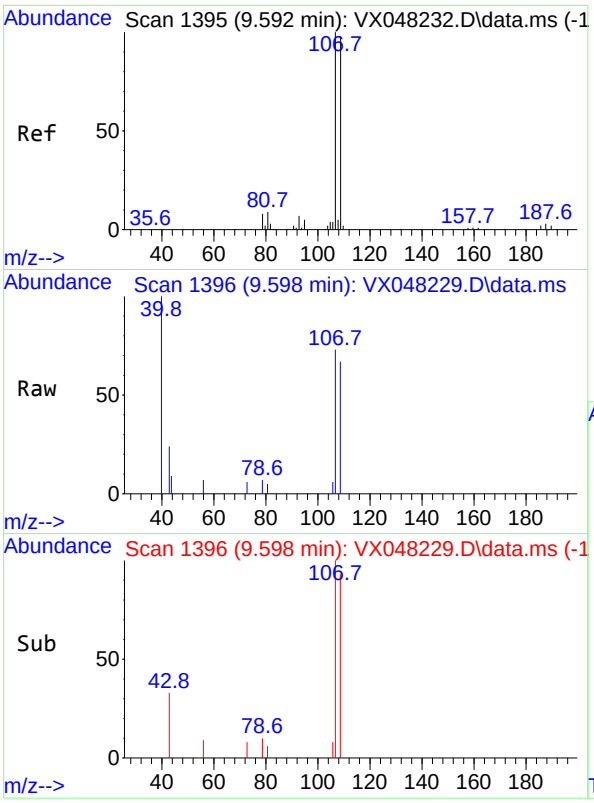




#60
Dibromochloromethane
Concen: 1.077 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:129 Resp: 1862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 72.9 | 38.6 | 115.7 |



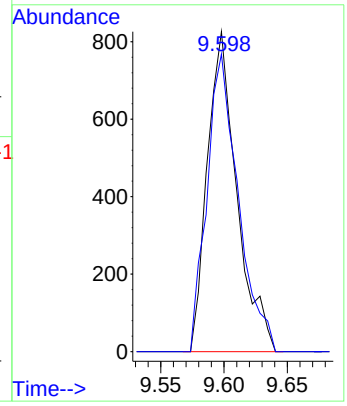


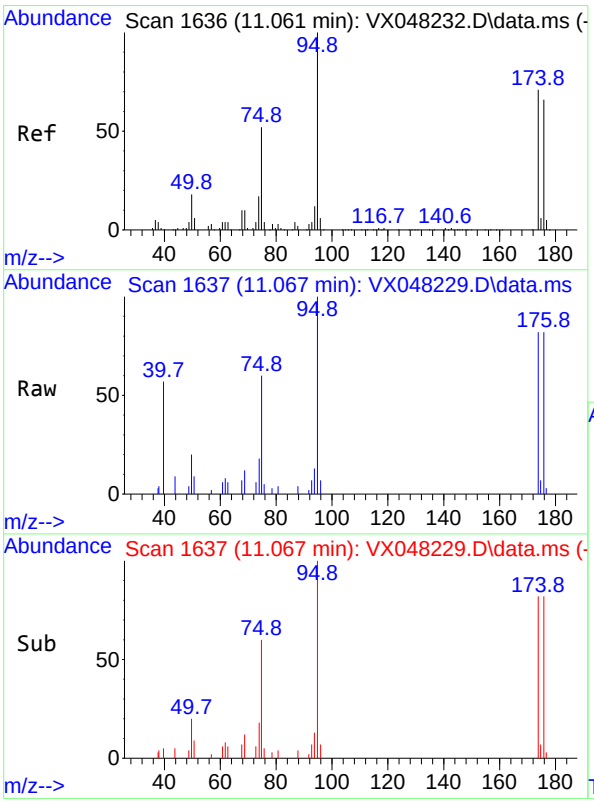

#61
1,2-Dibromoethane
Concen: 0.976 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:107 Resp: 1338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 98.6 | 77.0 | 115.4 |

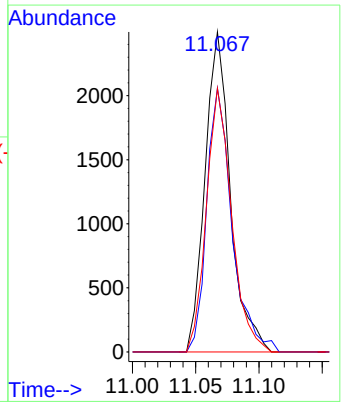


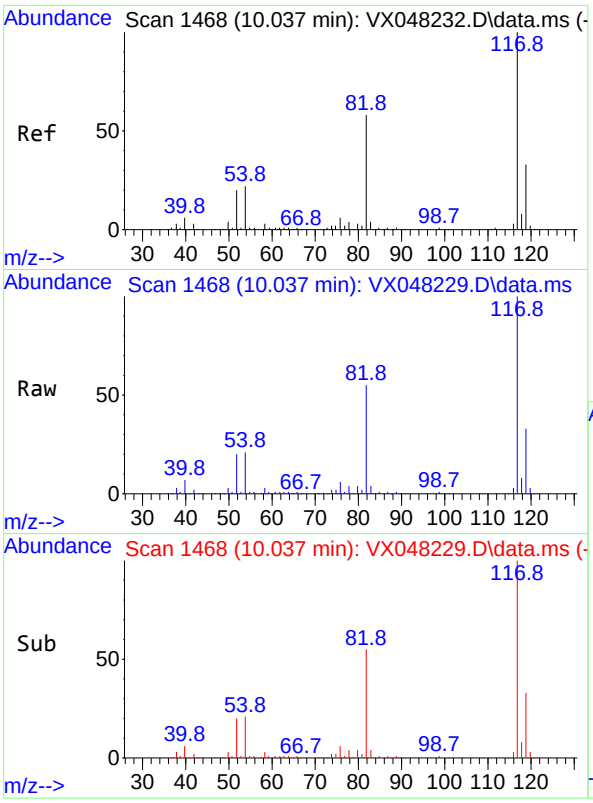




#62
4-Bromofluorobenzene
Concen: 1.985 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 95 Resp: 3491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.9 | 0.0 | 147.8 |
| 176 | 81.9 | 0.0 | 142.8 |



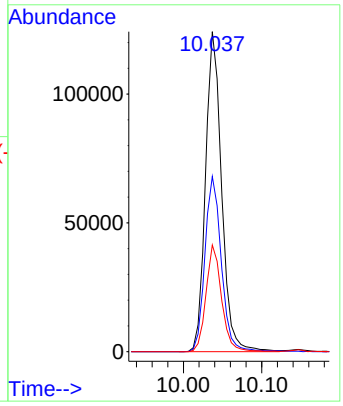


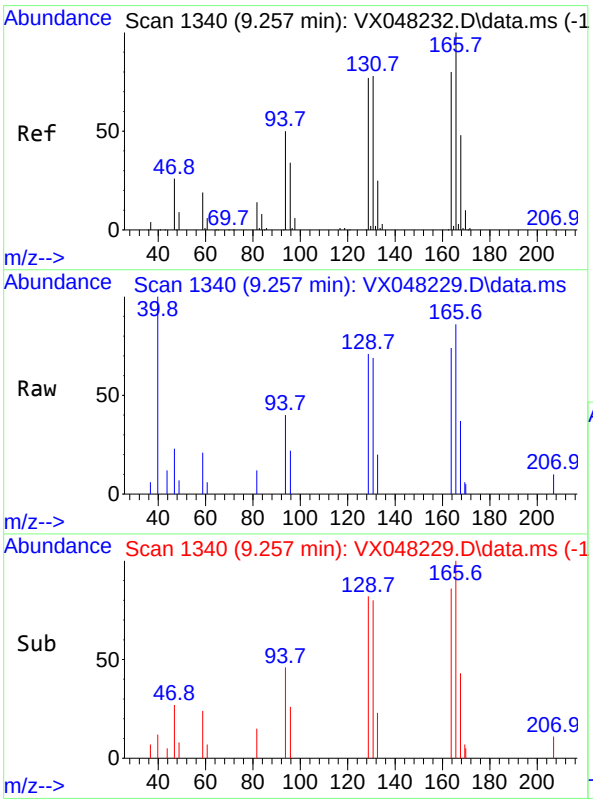

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:117 Resp: 177252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.8 | 46.5 | 69.7 |
| 119 | 33.3 | 25.9 | 38.9 |

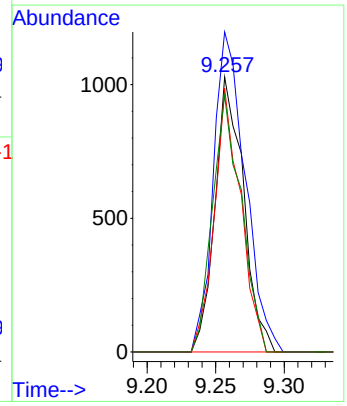


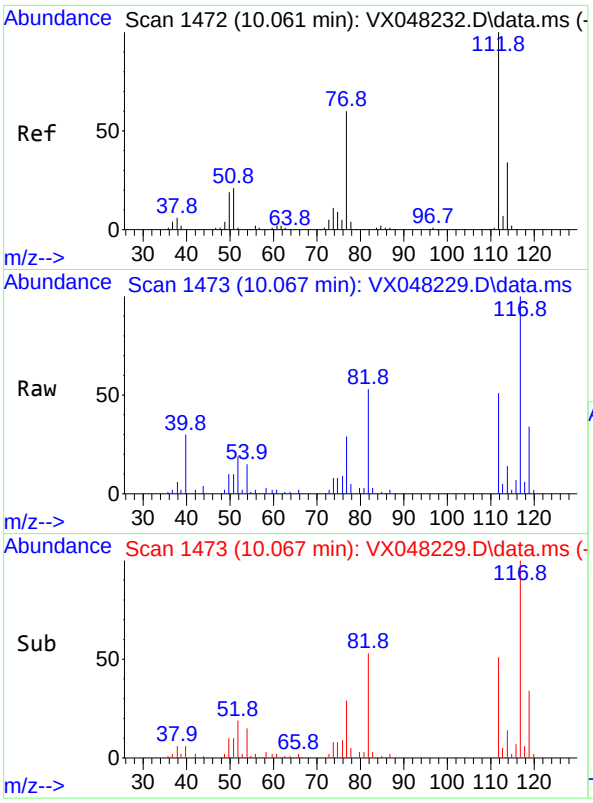




#64
Tetrachloroethene
Concen: 1.120 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:164 Resp: 1482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 116.4 | 104.5 | 156.7 |
| 129 | 95.9 | 81.8 | 122.6 |
| 131 | 93.4 | 77.0 | 115.6 |



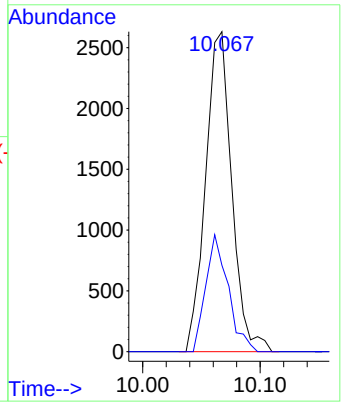


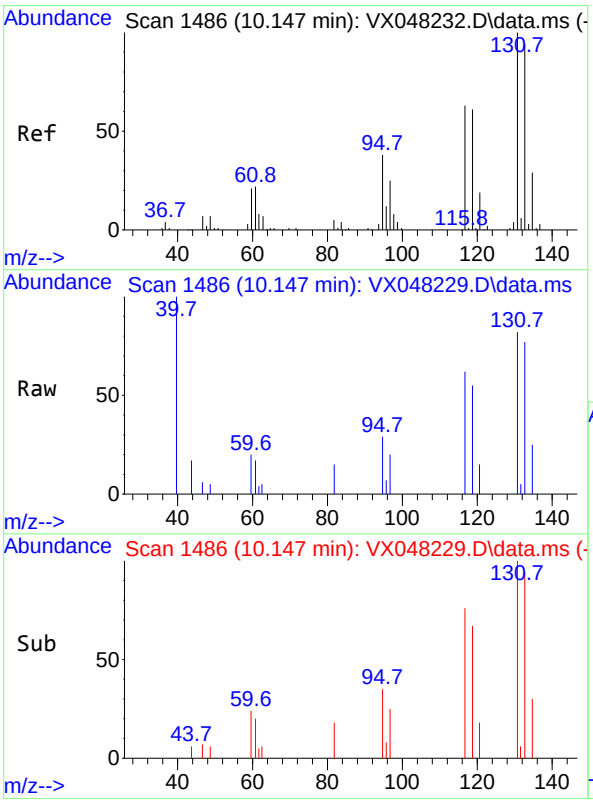

#65
Chlorobenzene
Concen: 1.021 ug/l
RT: 10.067 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:112 Resp: 4073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 27.0 | 26.2 | 39.2 |

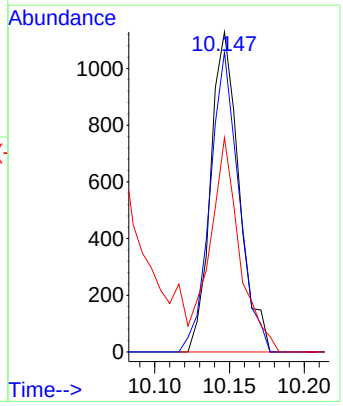


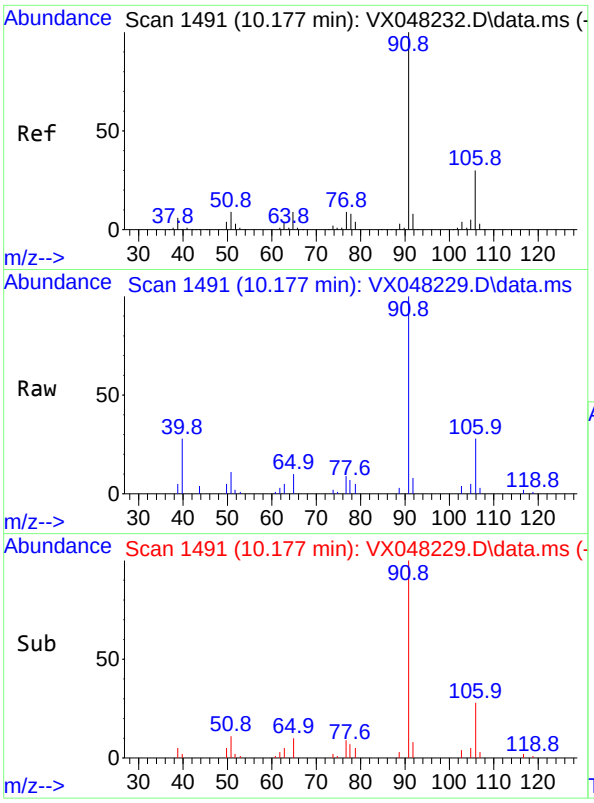




#66
1,1,1,2-Tetrachloroethane
Concen: 1.021 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:131 Resp: 1495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.1 | 47.6 | 142.8 |
| 119 | 0.0 | 32.5 | 97.5# |



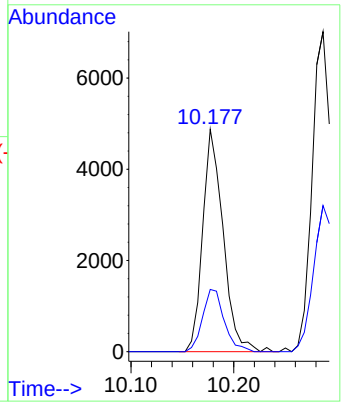


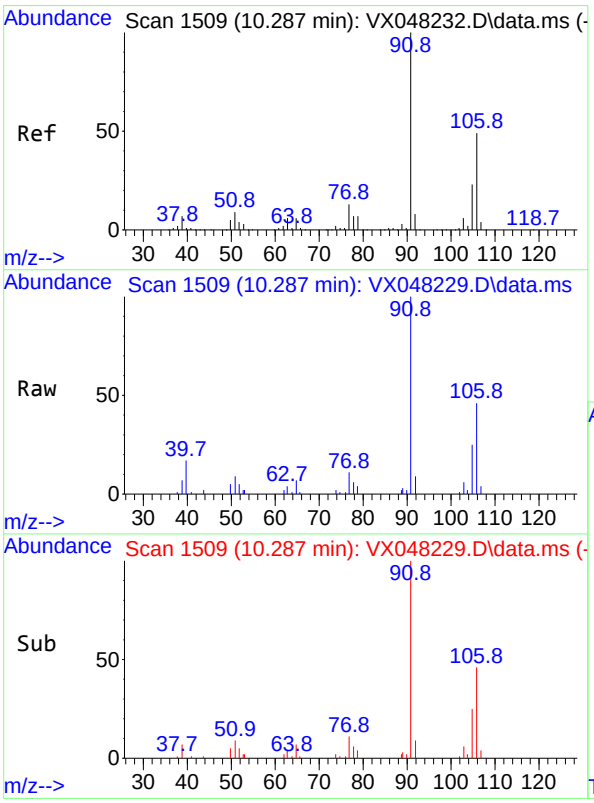

#67
Ethyl Benzene
Concen: 0.995 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 91 Resp: 6752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.0 | 23.8 | 35.6 |

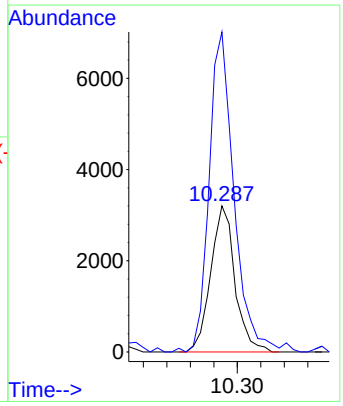


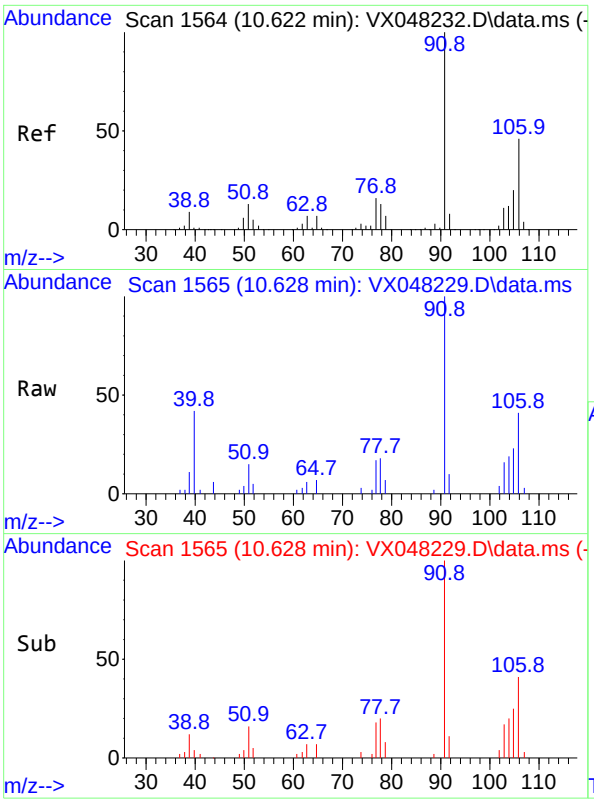




#68
m/p-Xylenes
Concen: 1.819 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:106 Resp: 4589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 225.6 | 167.9 | 251.9 |



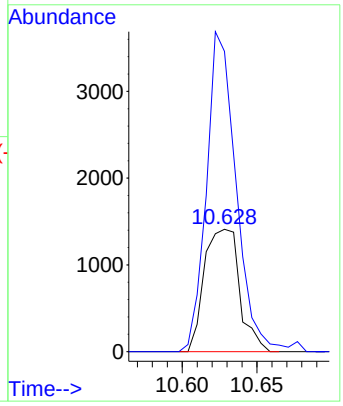


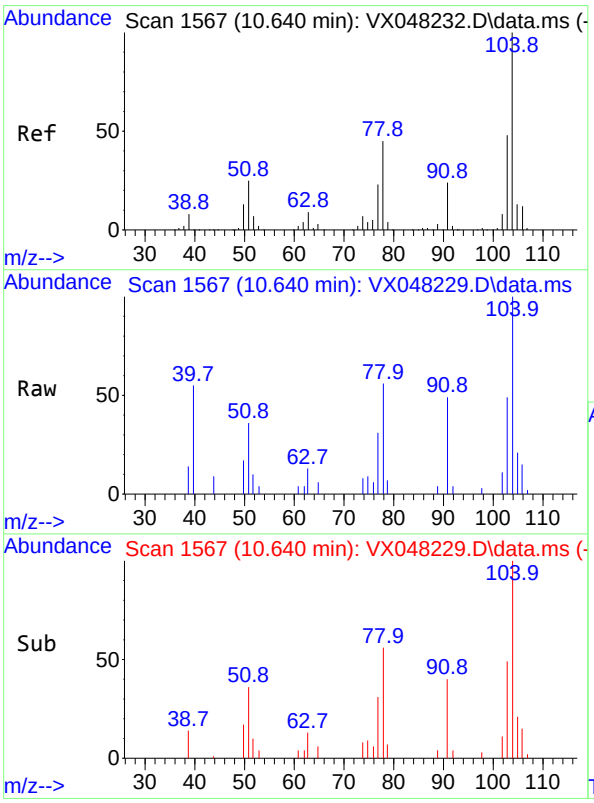

#69
o-Xylene
Concen: 0.950 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:106 Resp: 2313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.2 | 111.3 | 333.9 |

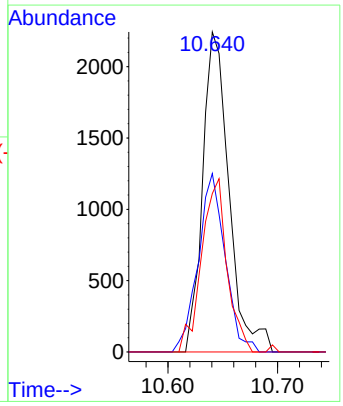


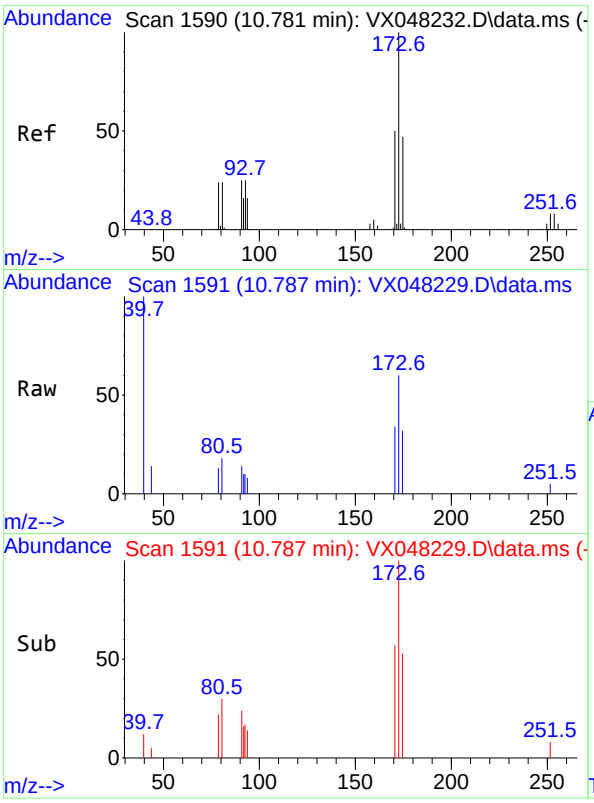




#70
Styrene
Concen: 0.901 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:104 Resp: 3737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 57.1 | 42.2 | 63.4 |
| 103 | 52.6 | 43.0 | 64.4 |



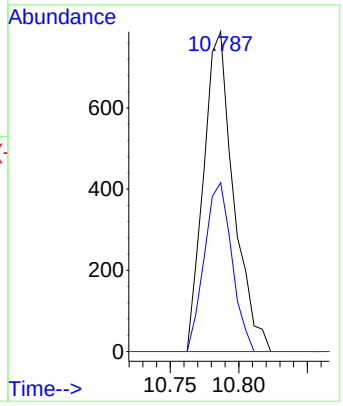


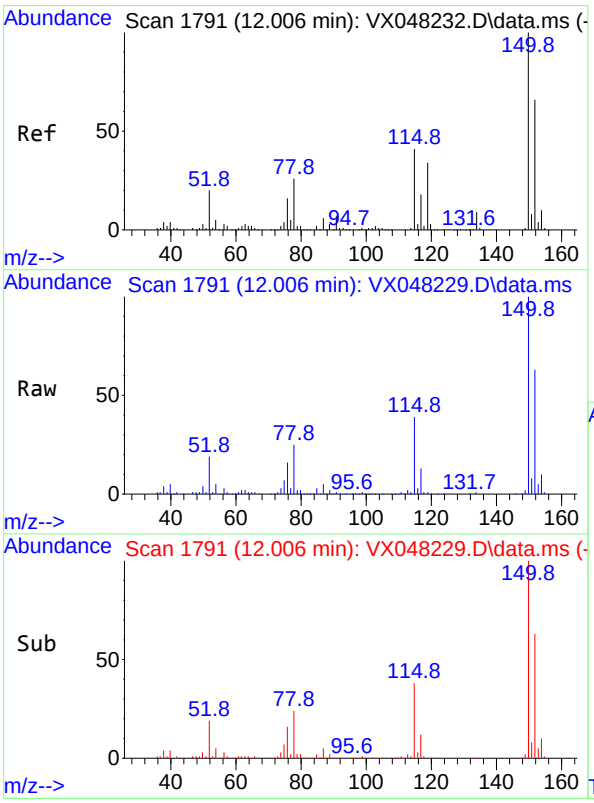

#71
Bromoform
Concen: 1.023 ug/l
RT: 10.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:173 Resp: 1198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

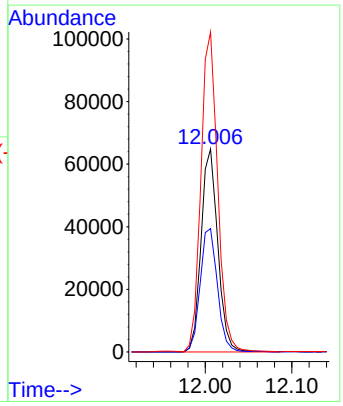


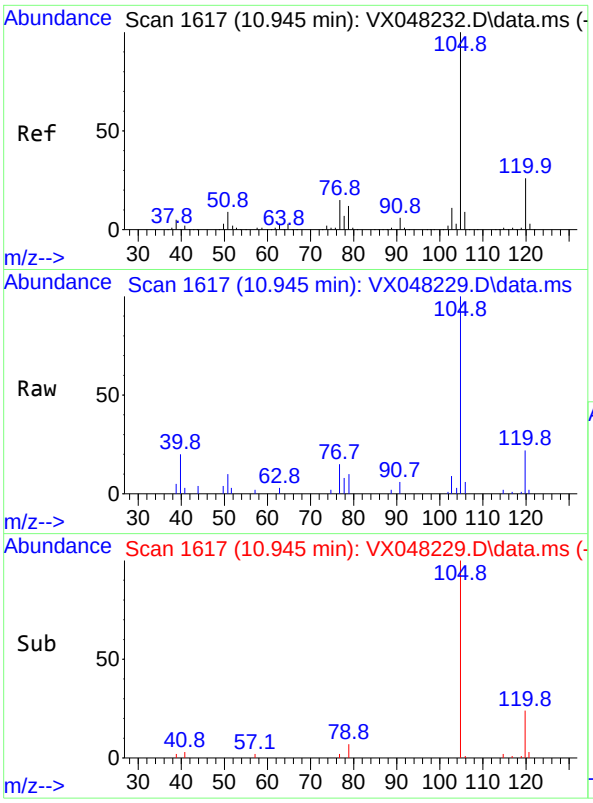




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:152 Resp: 86943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.0 | 43.1 | 129.4 |
| 150 | 158.2 | 0.0 | 353.0 |



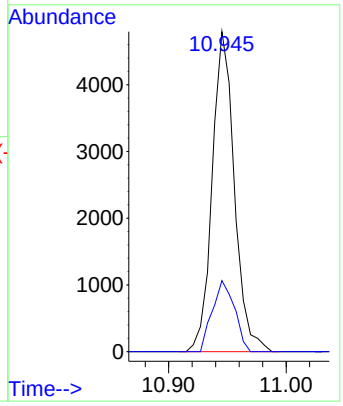


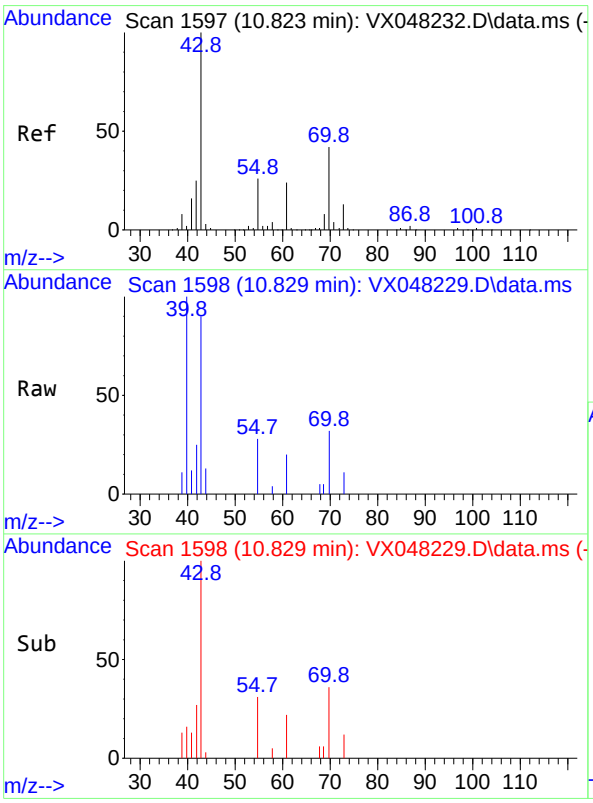

#73
Isopropylbenzene
Concen: 0.991 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:105 Resp: 6291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 22.2 | 13.0 | 38.9 |

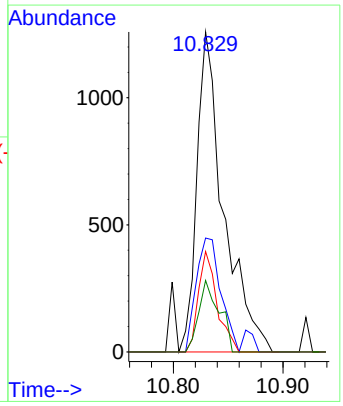


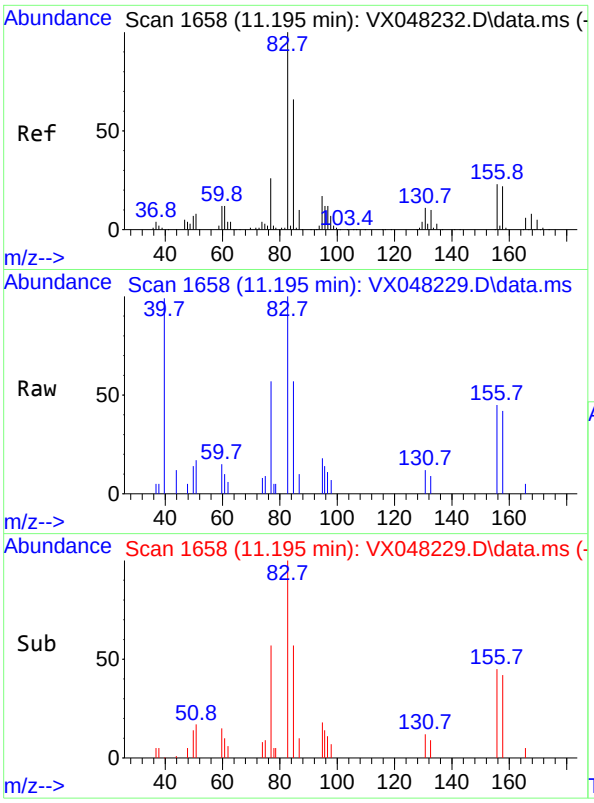




#74
N-amyl acetate
Concen: 0.949 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 2137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 32.8 | 32.2 | 48.2 |
| 55 | 22.0 | 19.1 | 28.7 |
| 61 | 17.2 | 18.6 | 28.0# |



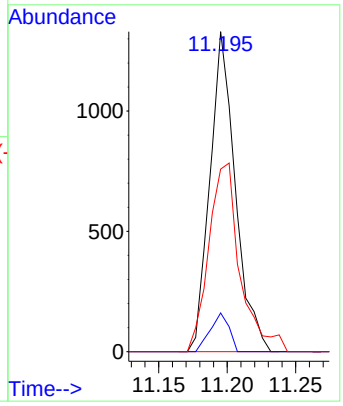


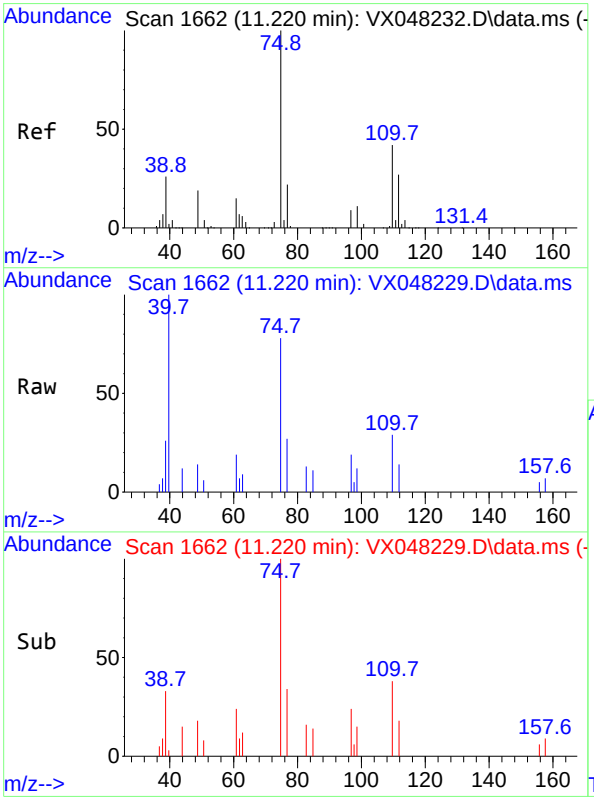

#75
1,1,2,2-Tetrachloroethane
Concen: 0.991 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 1718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.9 | 4.8 | 14.4 |
| 85 | 72.1 | 31.9 | 95.7 |

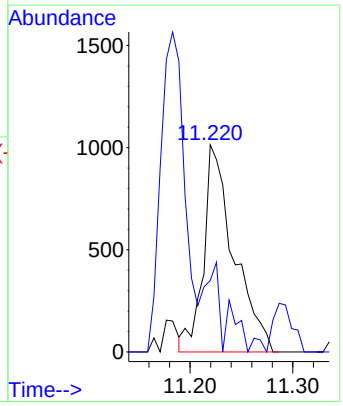


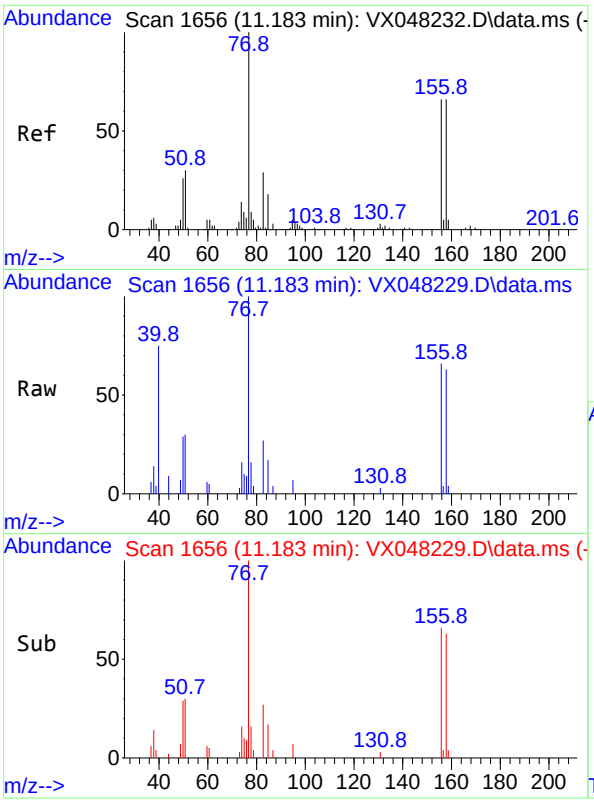




#76
1,2,3-Trichloropropane
Concen: 1.470 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 2073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 22.4 | 67.2 |



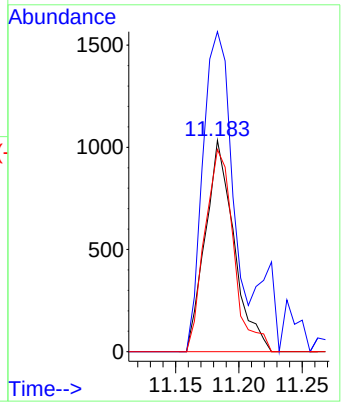


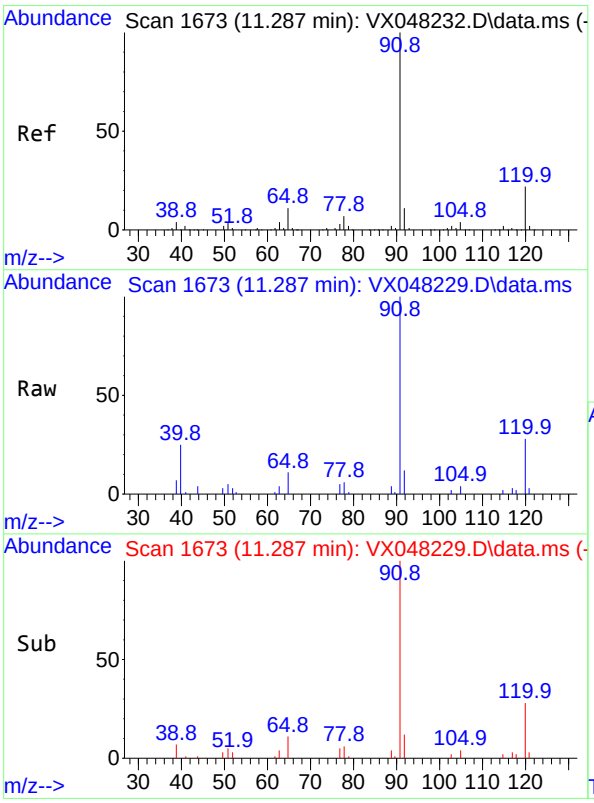

#77
Bromobenzene
Concen: 1.027 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:156 Resp: 1635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 155.2 | 87.0 | 261.0 |
| 158 | 96.4 | 47.8 | 143.4 |

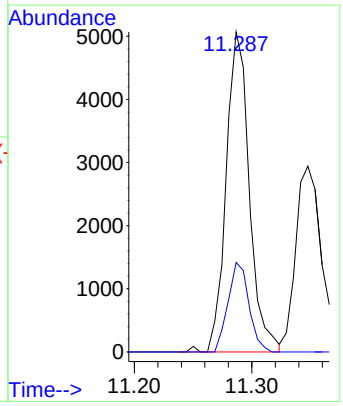


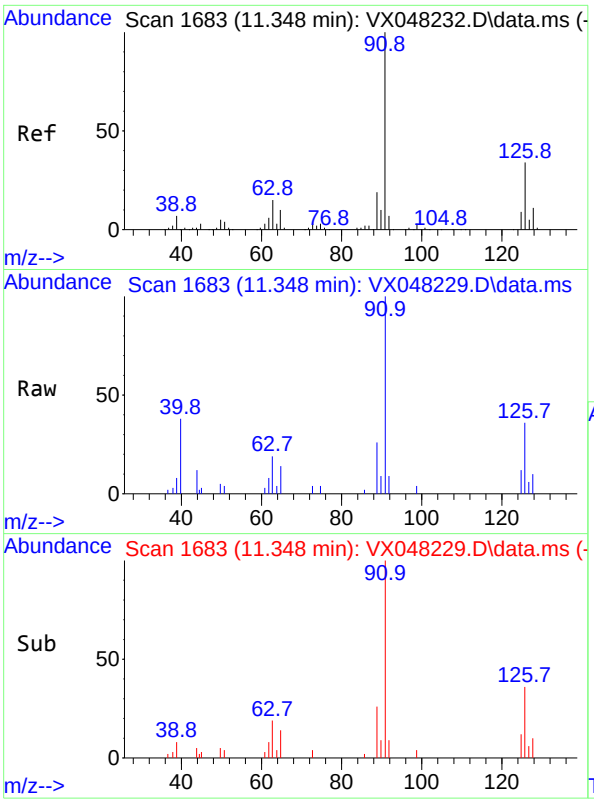




#78
n-propylbenzene
Concen: 0.946 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 6956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.2 | 11.1 | 33.1 |



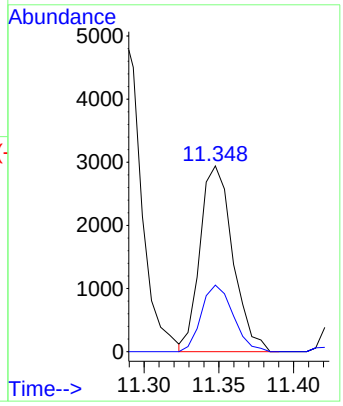


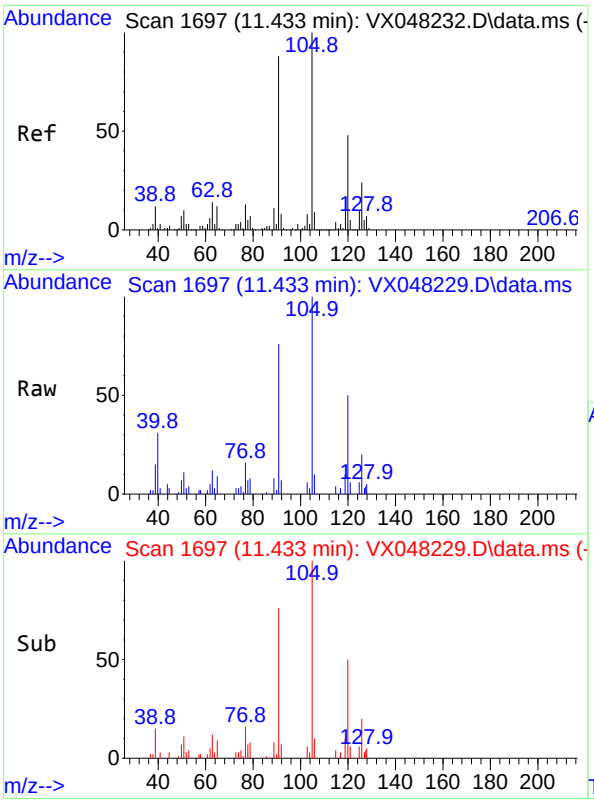

#79
2-Chlorotoluene
Concen: 1.004 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 91 Resp: 4477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.8 | 16.4 | 49.4 |

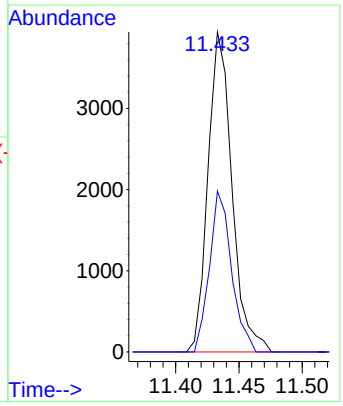


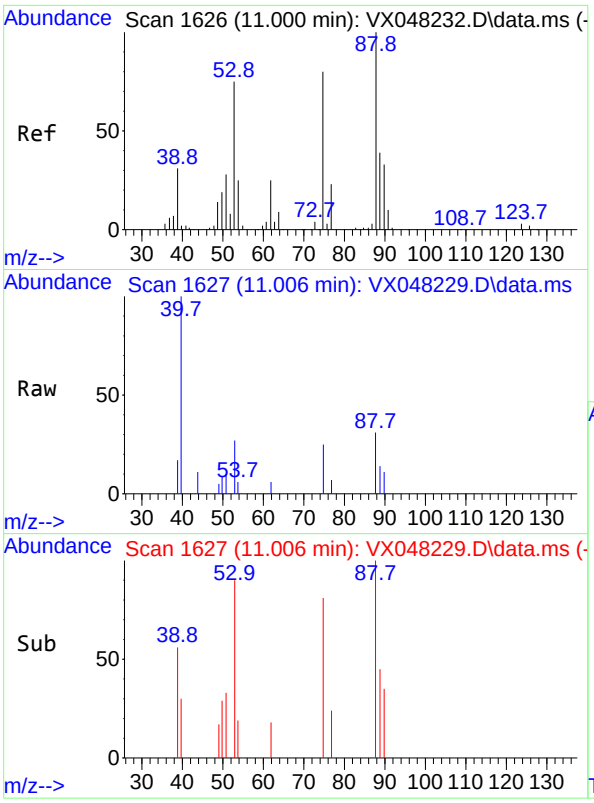




#80
1,3,5-Trimethylbenzene
Concen: 0.989 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 5196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.2 | 24.0 | 72.0 |



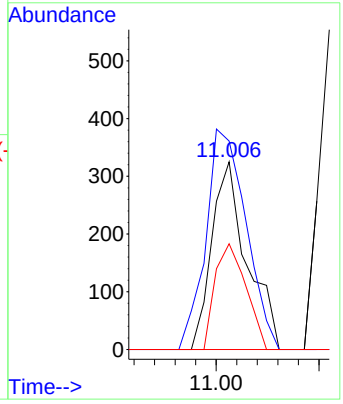


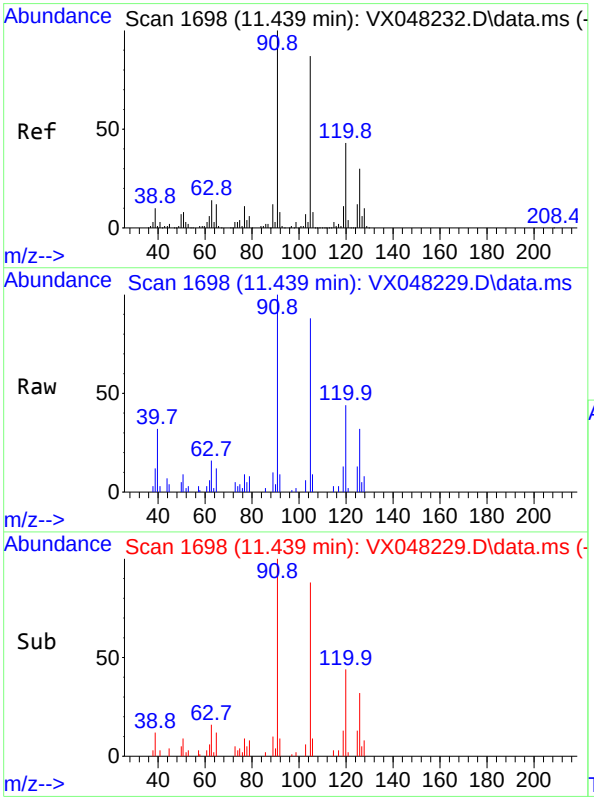

#81
trans-1,4-Dichloro-2-butene
Concen: 0.668 ug/l
RT: 11.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 75 Resp: 387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 133.9 | 79.5 | 119.3# |
| 89 | 49.4 | 36.8 | 55.2 |

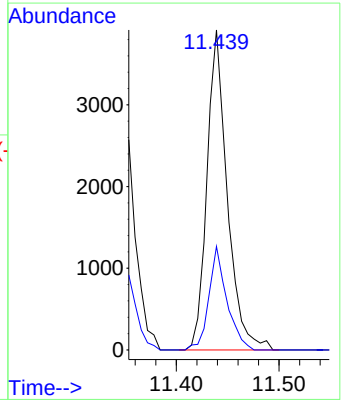


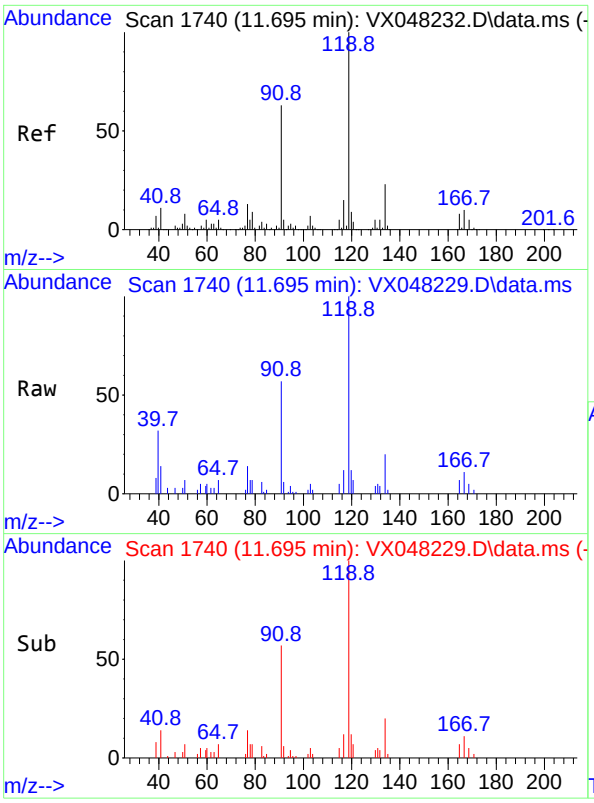




#82
4-Chlorotoluene
Concen: 1.018 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 5385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.7 | 14.1 | 42.4 |



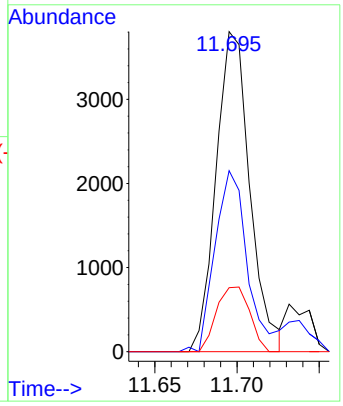


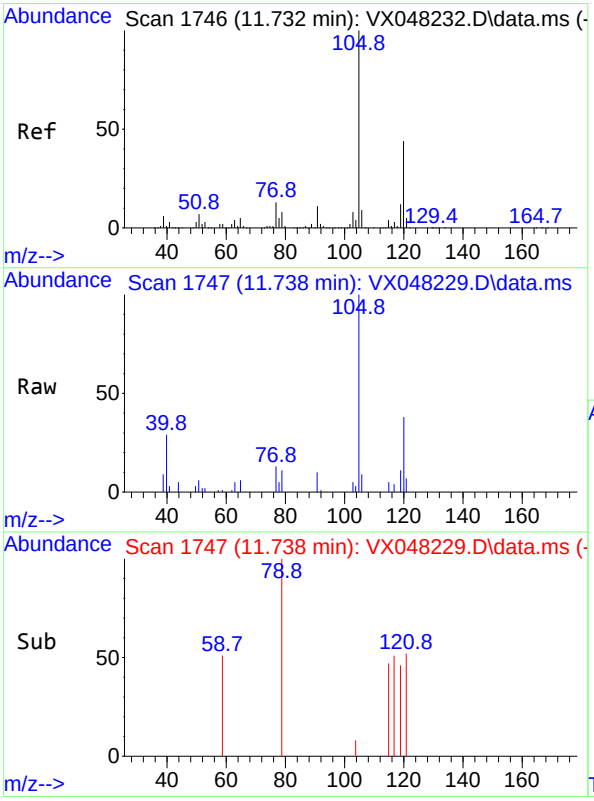

#83
tert-Butylbenzene
Concen: 1.007 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:119 Resp: 5439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 53.0 | 30.3 | 91.0 |
| 134 | 19.9 | 11.4 | 34.2 |

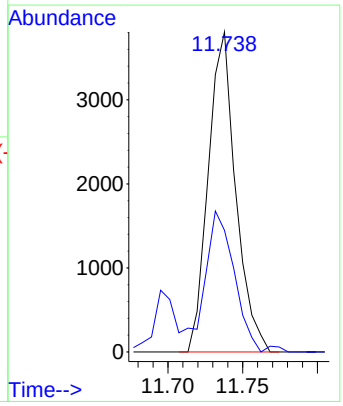


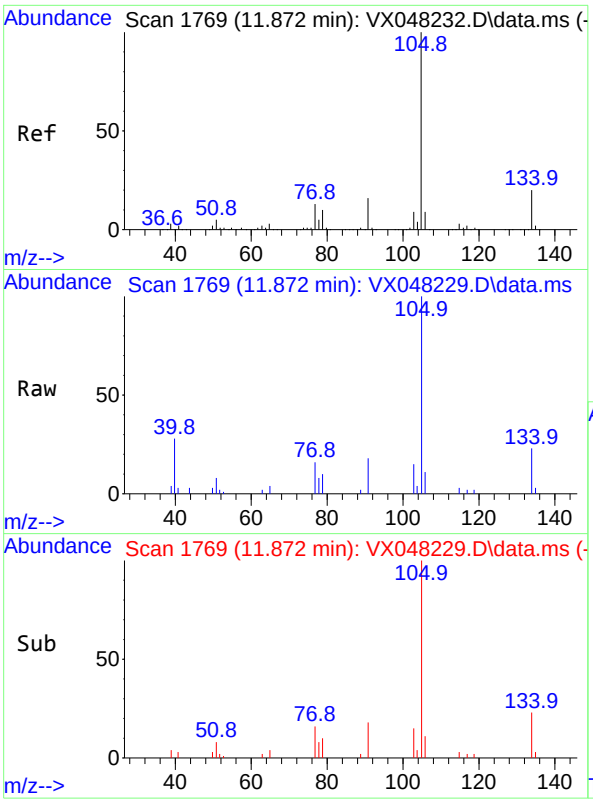




#84
1,2,4-Trimethylbenzene
Concen: 0.926 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 4854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.9 | 22.1 | 66.5 |



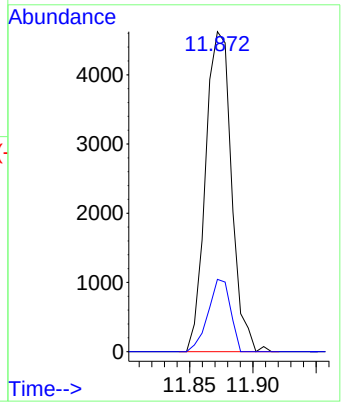


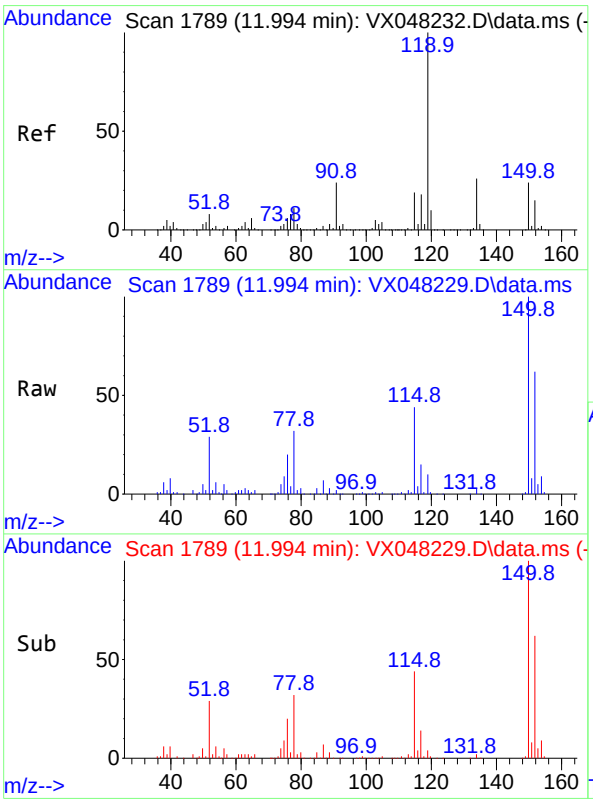

#85
sec-Butylbenzene
Concen: 1.014 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:105 Resp: 6589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.4 | 10.1 | 30.1 |

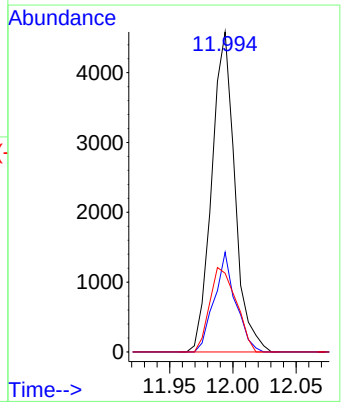


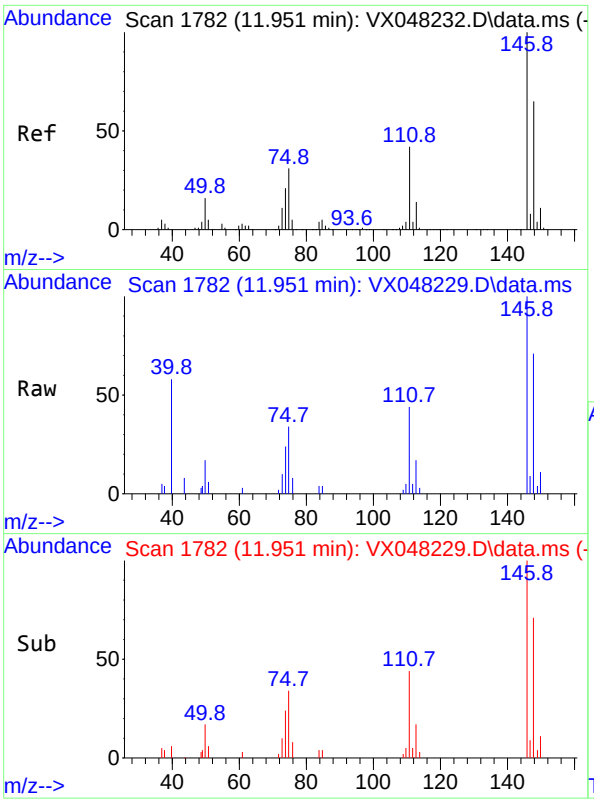




#86
p-Isopropyltoluene
Concen: 1.035 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:119 Resp: 5812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 28.8 | 13.0 | 39.0 |
| 91 | 30.5 | 12.1 | 36.3 |



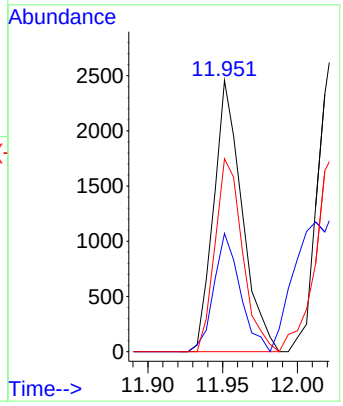


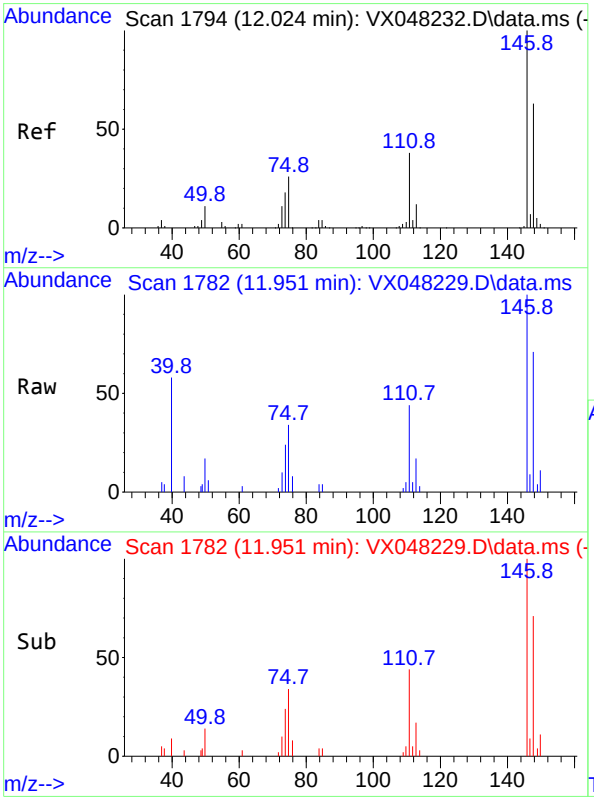

#87
1,3-Dichlorobenzene
Concen: 1.079 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:146 Resp: 3239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.4 | 61.2 |
| 148 | 68.9 | 31.9 | 95.9 |

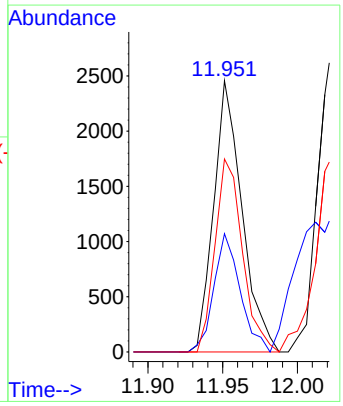


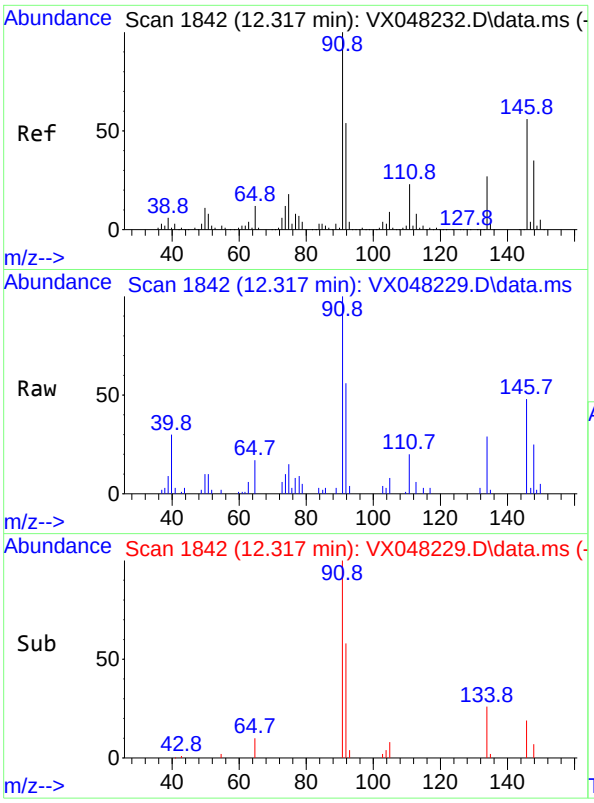




#88
1,4-Dichlorobenzene
Concen: 1.042 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.073 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:146 Resp: 3239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.1 | 60.2 |
| 148 | 68.9 | 31.8 | 95.3 |



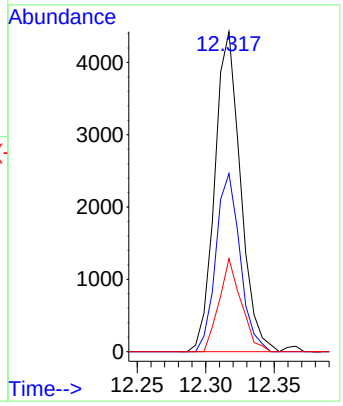


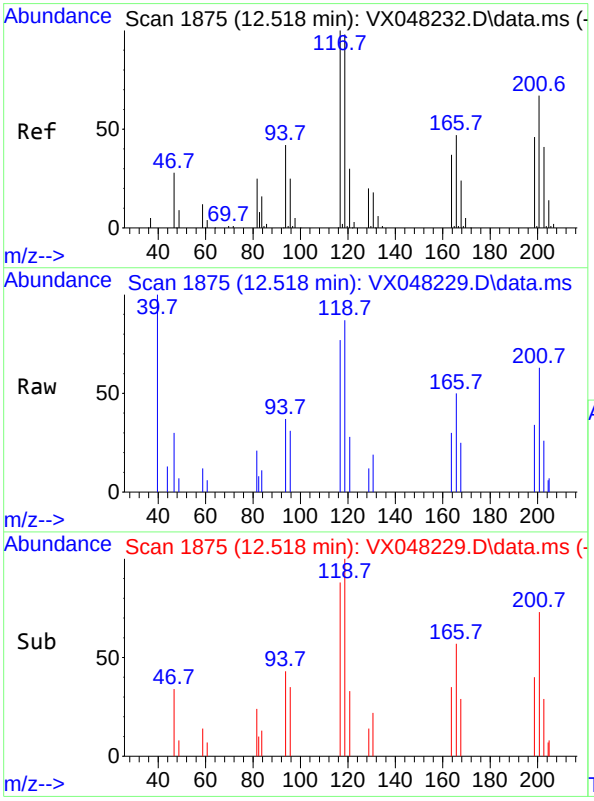

#89
n-Butylbenzene
Concen: 1.132 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion: 91 Resp: 5787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.3 | 26.9 | 80.6 |
| 134 | 24.9 | 12.7 | 38.1 |

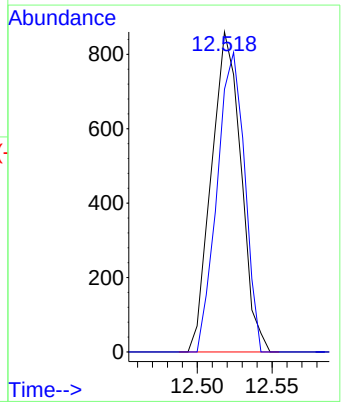


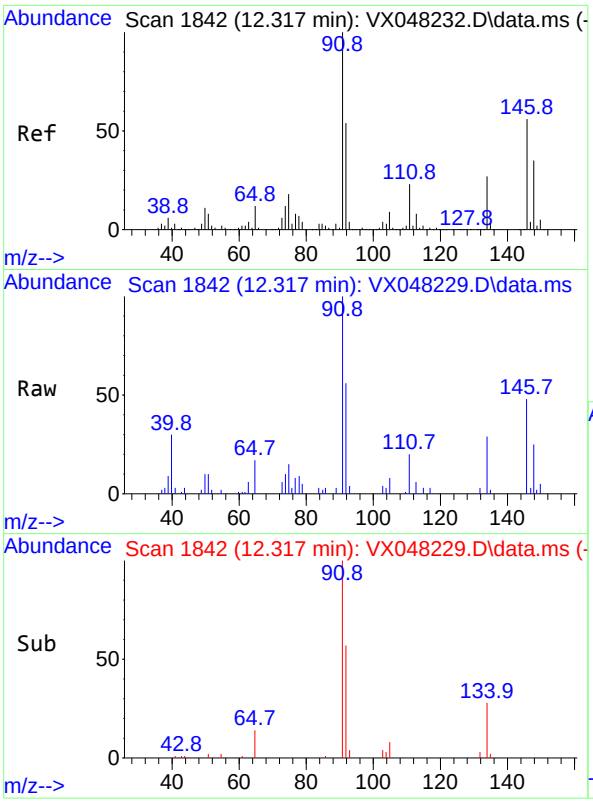




#90
Hexachloroethane
Concen: 1.066 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 1182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 87.1 | 34.1 | 102.2 |



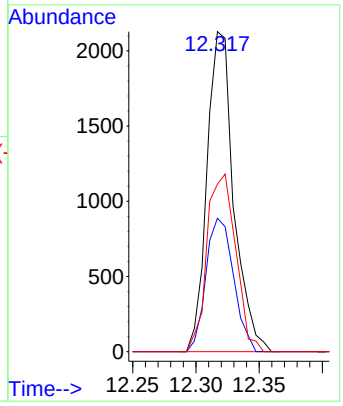


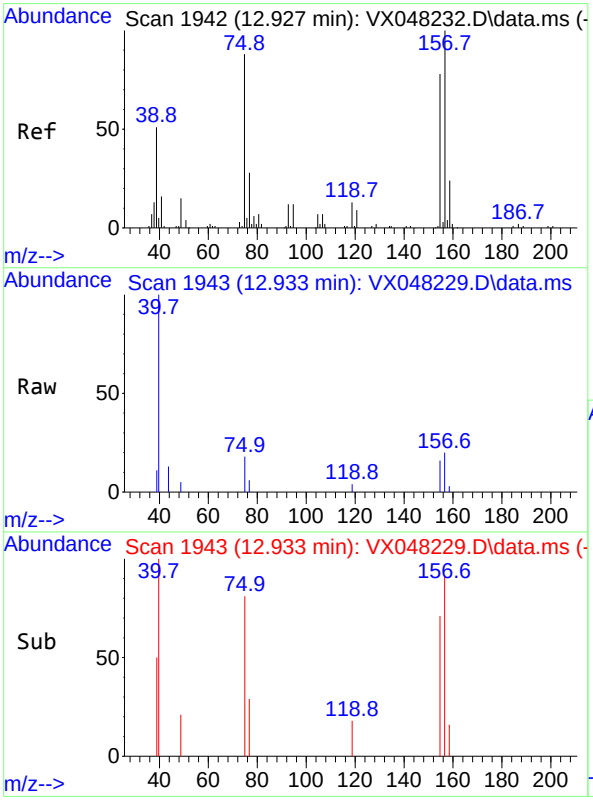

#91
1,2-Dichlorobenzene
Concen: 1.112 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:146 Resp: 3135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.9 | 21.9 | 65.5 |
| 148 | 59.5 | 31.9 | 95.5 |

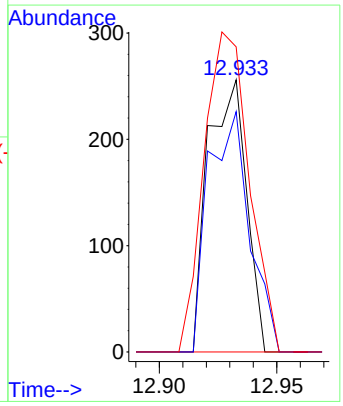


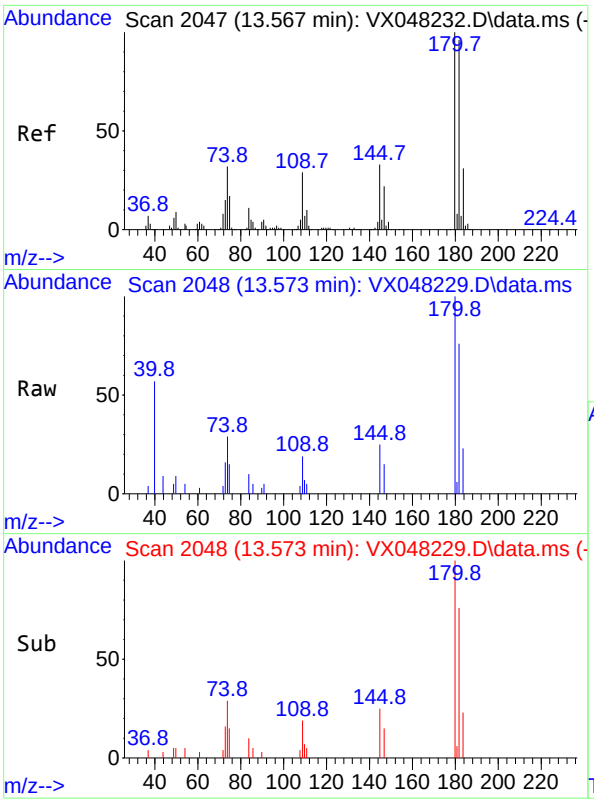




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.824 ug/l
RT: 12.933 min Scan# 1943
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 95.2 | 42.8 | 128.4 |
| 157 | 139.0 | 54.2 | 162.6 |



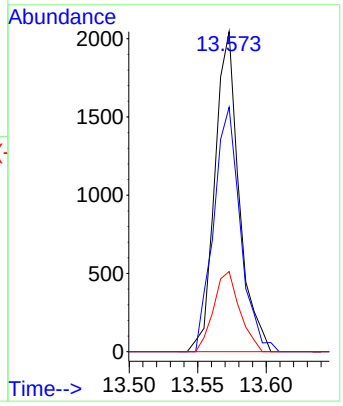


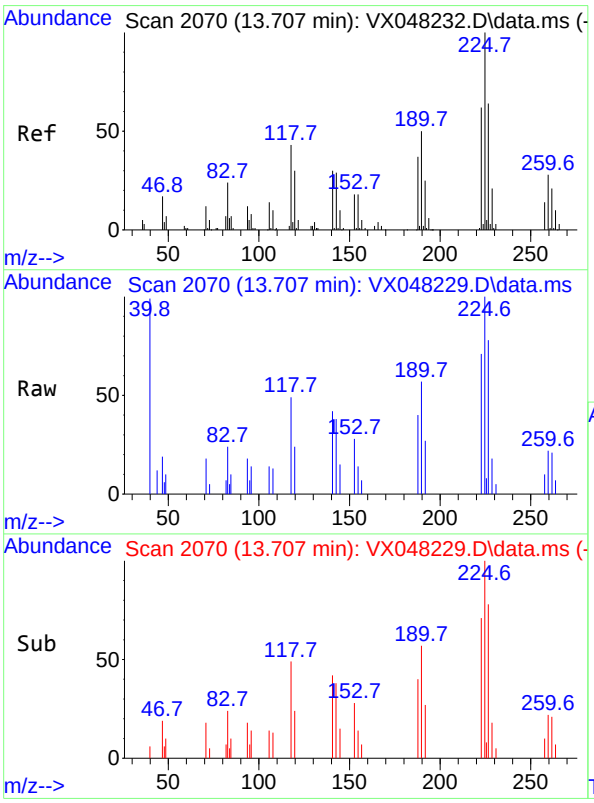

#93
1,2,4-Trichlorobenzene
Concen: 1.314 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:180 Resp: 2505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 84.5 | 47.3 | 142.0 |
| 145 | 27.1 | 16.3 | 48.9 |

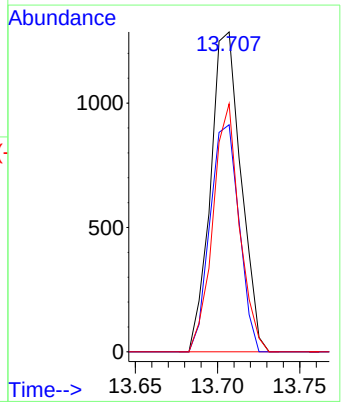


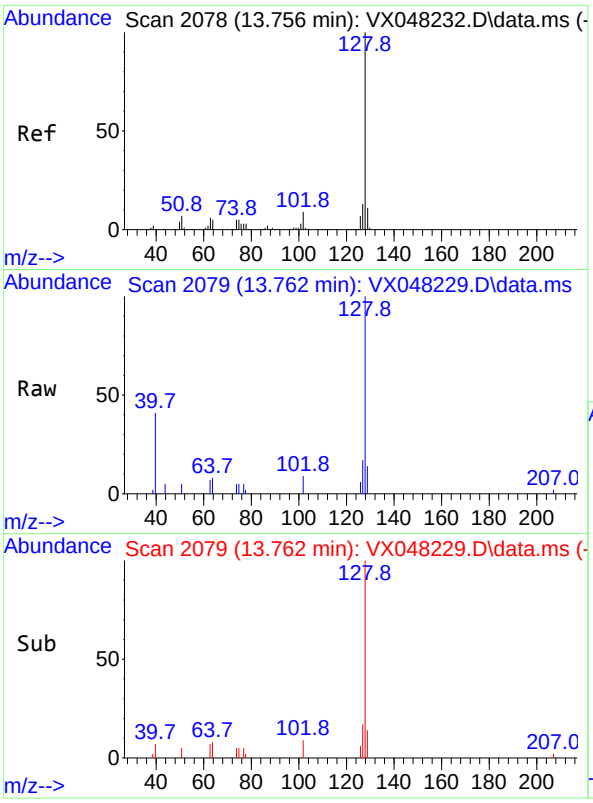




#94
Hexachlorobutadiene
Concen: 2.385 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:225 Resp: 1658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 67.8 | 32.6 | 97.7 |
| 227 | 67.7 | 32.5 | 97.4 |



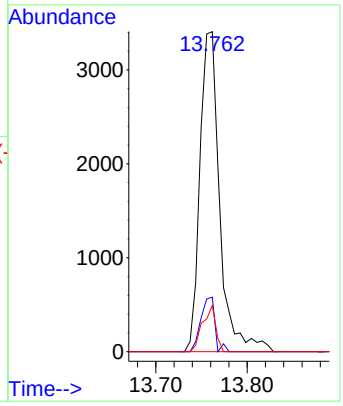


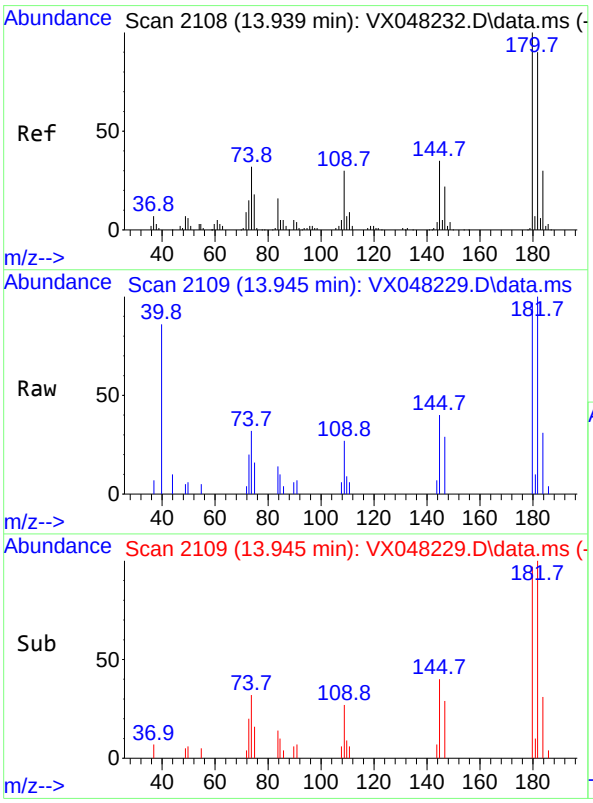

#95
Naphthalene
Concen: 1.013 ug/l
RT: 13.762 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC001

Tgt Ion:128 Resp: 5116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.1 | 10.2 | 15.4 |
| 129 | 9.7 | 8.6 | 12.8 |

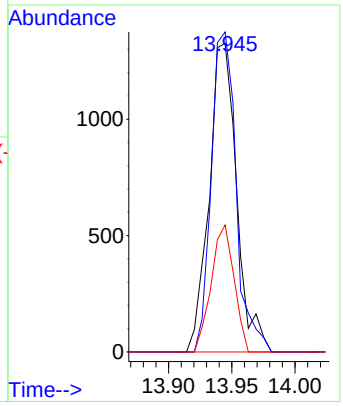



#96
1,2,3-Trichlorobenzene
Concen: 1.147 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:180 Resp: 2006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.5 | 46.6 | 139.7 |
| 145 | 34.1 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 119626 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 195028 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 178975 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 90972 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.946 | 65 | 33936 | 20.233 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 40.460%# | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 26897 | 20.201 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 40.400%# | | |
| 50) Toluene-d8 | 8.635 | 98 | 92476 | 19.815 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 39.640%# | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 34724 | 19.558 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 39.120%# | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.179 | 85 | 24524 | 19.942 | ug/l | 98 |
| 3) Chloromethane | 1.300 | 50 | 22401 | 19.515 | ug/l | 100 |
| 4) Vinyl Chloride | 1.380 | 62 | 20913 | 19.675 | ug/l | 94 |
| 5) Bromomethane | 1.617 | 94 | 15473 | 21.449 | ug/l | 100 |
| 6) Chloroethane | 1.697 | 64 | 13249 | 21.212 | ug/l | 93 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 41824 | 20.516 | ug/l | 98 |
| 8) Diethyl Ether | 2.136 | 74 | 12293 | 21.431 | ug/l | 87 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 25843 | 20.019 | ug/l | 96 |
| 10) Methyl Iodide | 2.459 | 142 | 30452 | 18.764 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.947 | 59 | 16521 | 99.208 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 26209 | 20.868 | ug/l | 92 |
| 13) Acrolein | 2.239 | 56 | 15157 | 89.242 | ug/l | 99 |
| 14) Allyl chloride | 2.666 | 41 | 43494 | 20.859 | ug/l | 98 |
| 15) Acrylonitrile | 3.056 | 53 | 63931 | 106.465 | ug/l | 97 |
| 16) Acetone | 2.373 | 43 | 59884 | 104.075 | ug/l | 96 |
| 17) Carbon Disulfide | 2.520 | 76 | 77142 | 19.489 | ug/l | 98 |
| 18) Methyl Acetate | 2.703 | 43 | 26374 | 21.948 | ug/l | 92 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 91349 | 21.321 | ug/l | 100 |
| 20) Methylene Chloride | 2.794 | 84 | 31157 | 22.223 | ug/l | 88 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 28001 | 20.297 | ug/l | 94 |
| 22) Diisopropyl ether | 3.751 | 45 | 90030 | 21.648 | ug/l | 87 |
| 23) Vinyl Acetate | 3.715 | 43 | 364009 | 109.571 | ug/l | 98 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 51927 | 20.649 | ug/l | 98 |
| 25) 2-Butanone | 4.544 | 43 | 78643 | 107.982 | ug/l | 95 |
| 26) 2,2-Dichloropropane | 4.465 | 77 | 46568 | 20.516 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 33508 | 20.812 | ug/l | 98 |
| 28) Bromochloromethane | 4.891 | 49 | 19339 | 18.547 | ug/l | 90 |
| 29) Tetrahydrofuran | 4.995 | 42 | 47457 | 108.802 | ug/l | 94 |
| 30) Chloroform | 5.080 | 83 | 57780 | 21.506 | ug/l | 99 |
| 31) Cyclohexane | 5.464 | 56 | 42796 | 20.556 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 5.373 | 97 | 51929 | 20.972 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 38270 | 20.223 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 30904 | 19.702 | ug/l # | 95 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 46323 | 19.841 | ug/l | 98 |
| 39) Methylcyclohexane | 7.366 | 83 | 42776 | 19.140 | ug/l | 94 |
| 40) Benzene | 6.025 | 78 | 115488 | 21.020 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.916 | 41 | 18461 | 22.411 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 44176 | 21.789 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.324 | 43 | 55317 | 21.469 | ug/l | | 96 |
| 44) Trichloroethene | 7.110 | 130 | 29108 | 20.064 | ug/l | | 90 |
| 45) 1,2-Dichloropropane | 7.421 | 63 | 28242 | 21.620 | ug/l | | 97 |
| 46) Dibromomethane | 7.568 | 93 | 21605 | 21.229 | ug/l | | 92 |
| 47) Bromodichloromethane | 7.805 | 83 | 46221 | 21.034 | ug/l | | 100 |
| 48) Methyl methacrylate | 7.677 | 41 | 27751 | 21.344 | ug/l | | 94 |
| 49) 1,4-Dioxane | 7.647 | 88 | 7620 | 443.623 | ug/l | | 91 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 164708 | 110.873 | ug/l | | 94 |
| 52) Toluene | 8.702 | 92 | 73623 | 21.093 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 45416 | 21.447 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 47130 | 20.629 | ug/l | | 96 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 27884 | 21.482 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.104 | 69 | 41809 | 22.021 | ug/l | | 93 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 47896 | 21.602 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 104883 | 103.739 | ug/l | | 96 |
| 59) 2-Hexanone | 9.415 | 43 | 116268 | 112.243 | ug/l | | 95 |
| 60) Dibromochloromethane | 9.506 | 129 | 37127 | 21.281 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.598 | 107 | 30639 | 22.141 | ug/l | | 96 |
| 64) Tetrachloroethene | 9.256 | 164 | 27043 | 20.240 | ug/l | | 89 |
| 65) Chlorobenzene | 10.061 | 112 | 83004 | 20.617 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 30278 | 20.475 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 139895 | 20.409 | ug/l | | 98 |
| 68) m/p-Xylenes | 10.287 | 106 | 107377 | 42.161 | ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 50950 | 20.721 | ug/l | | 98 |
| 70) Styrene | 10.640 | 104 | 88481 | 21.134 | ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 25027 | 21.175 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.945 | 105 | 133034 | 20.021 | ug/l | | 99 |
| 74) N-amyl acetate | 10.829 | 43 | 48726 | 20.674 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 38748 | 21.354 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 40571 | 27.501 | ug/l | | 84 |
| 77) Bromobenzene | 11.183 | 156 | 33843 | 20.313 | ug/l | | 95 |
| 78) n-propylbenzene | 11.286 | 91 | 154839 | 20.126 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 95156 | 20.401 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 112057 | 20.379 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 12001 | 19.791 | ug/l | | 94 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 113495 | 20.498 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 112305 | 19.878 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 111976 | 20.405 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.872 | 105 | 134014 | 19.716 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 114969 | 19.568 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 63377 | 20.178 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 65612 | 20.165 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.317 | 91 | 102140 | 19.100 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 22609 | 19.487 | ug/l | | 94 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 59345 | 20.125 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 7983 | 21.674 | ug/l | | 94 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 35465 | 17.784 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 14529 | 19.483 | ug/l | | 98 |
| 95) Naphthalene | 13.756 | 128 | 104803 | 19.836 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.945 | 180 | 34276 | 18.730 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

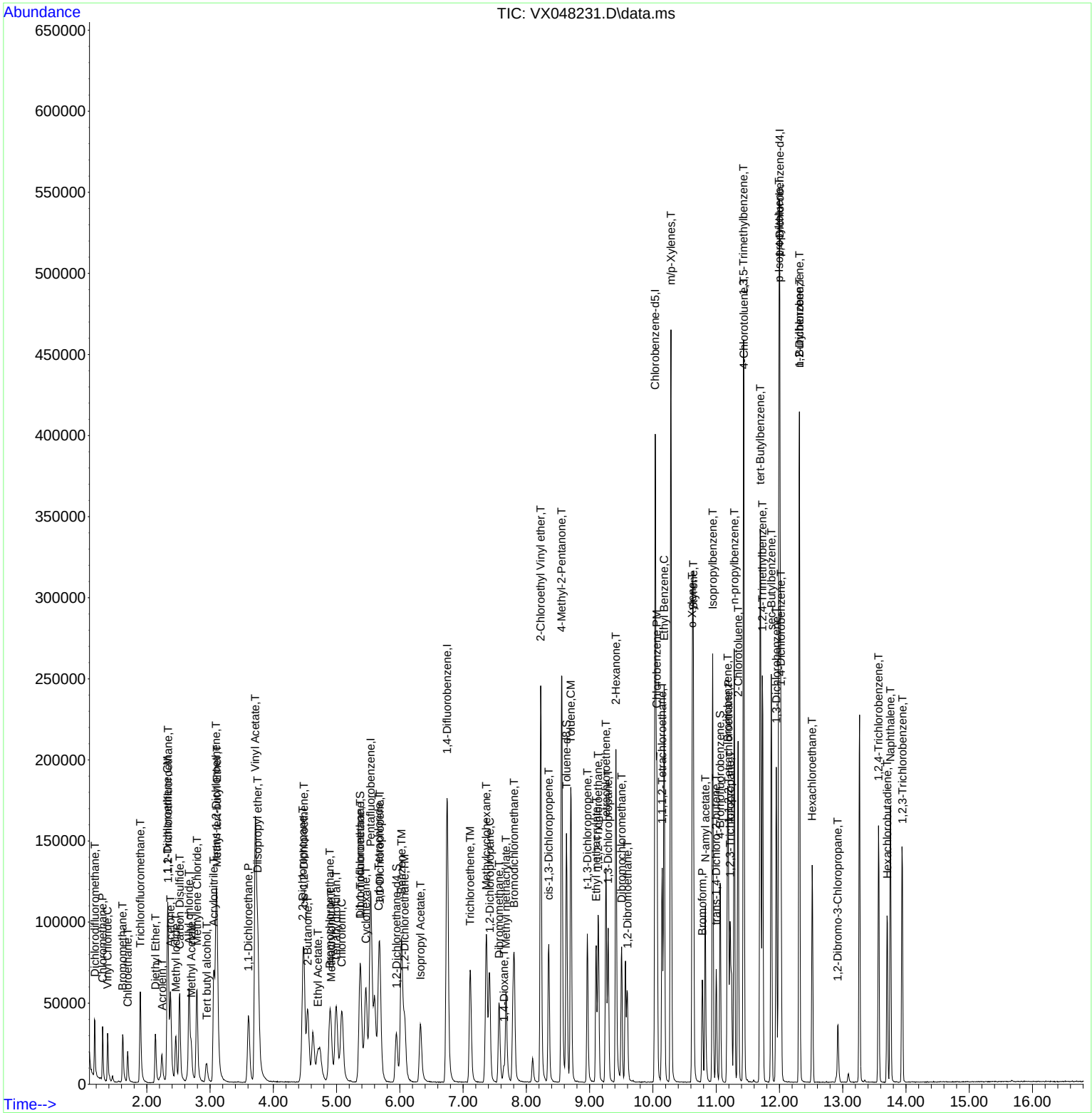
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

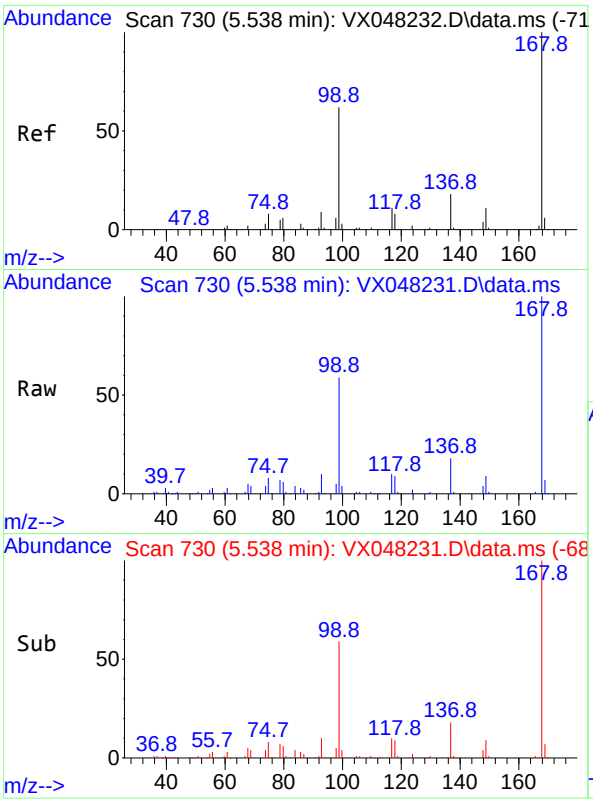
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



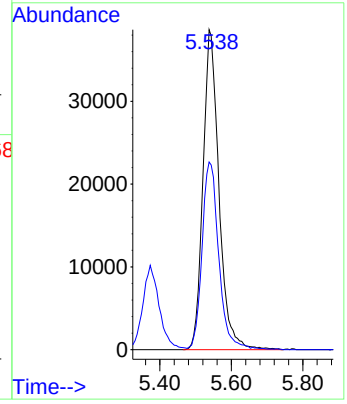


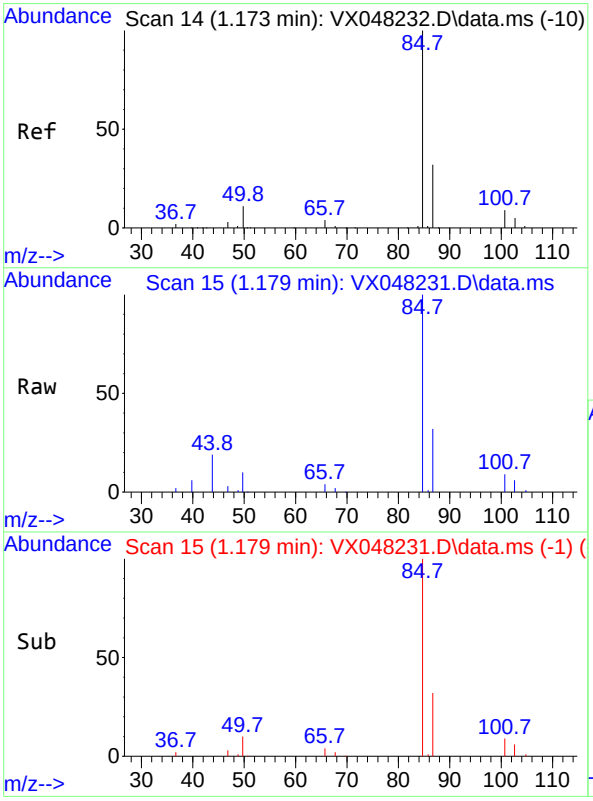

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:168 Resp: 119626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.7 | 46.4 | 69.6 |

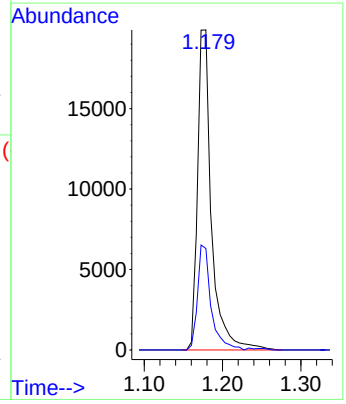


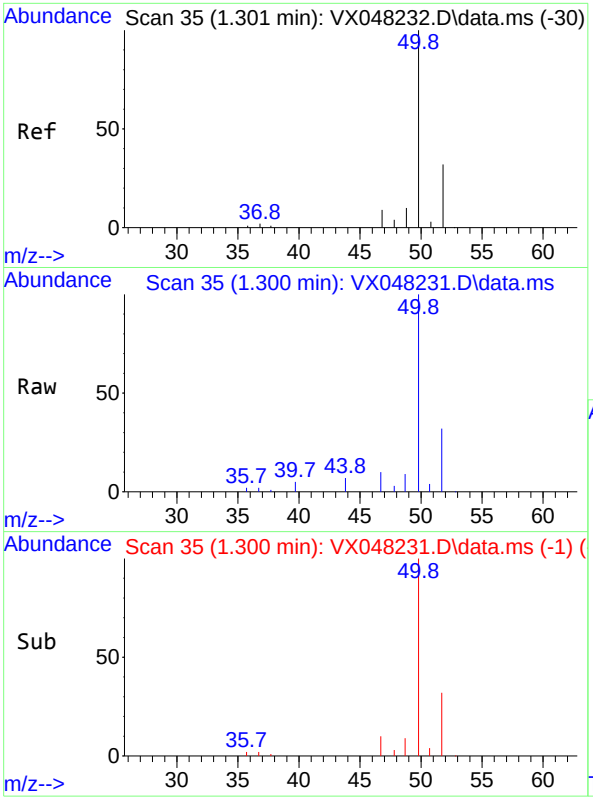




#2
Dichlorodifluoromethane
Concen: 19.942 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 85 Resp: 24524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.7 | 15.3 | 45.9 |



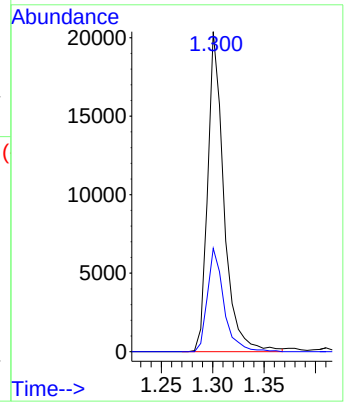


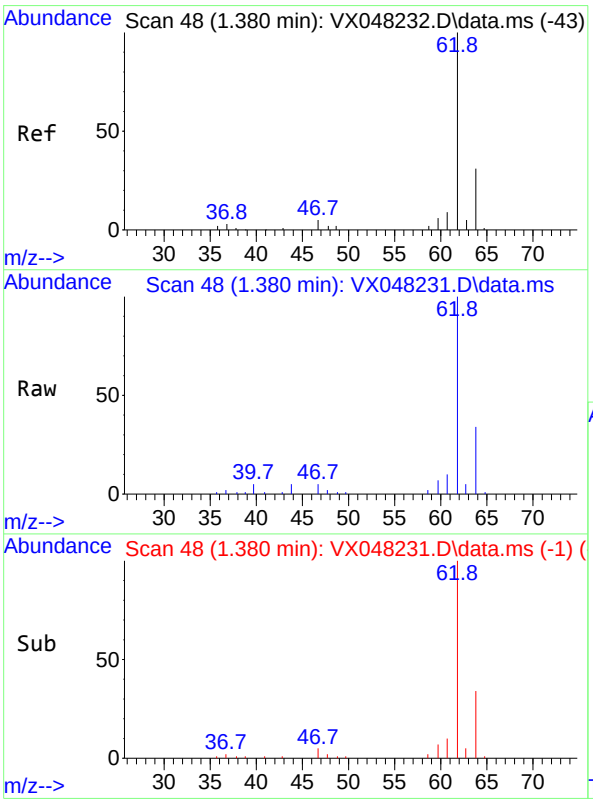

#3
Chloromethane
Concen: 19.515 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 50 Resp: 22401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.3 | 25.9 | 38.9 |

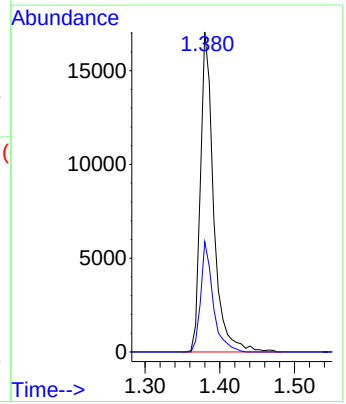


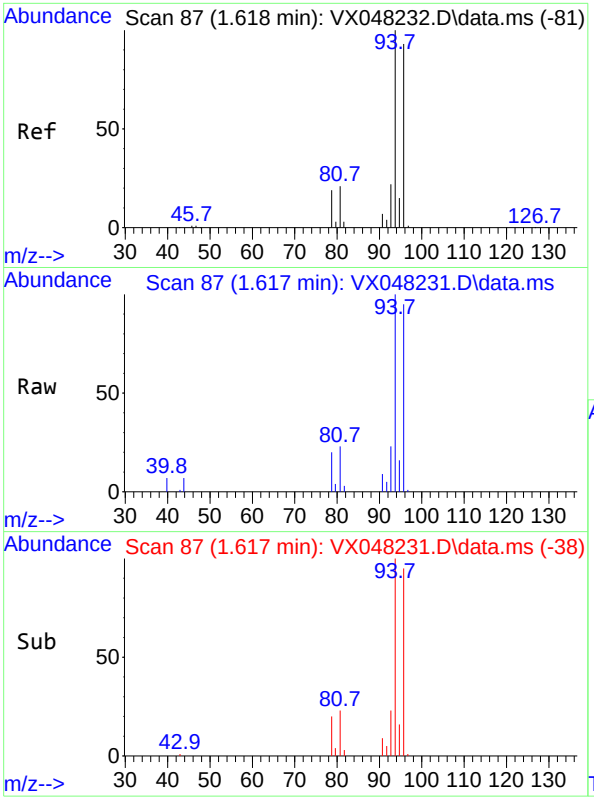




#4
Vinyl Chloride
Concen: 19.675 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 20913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.5 | 25.1 | 37.7 |



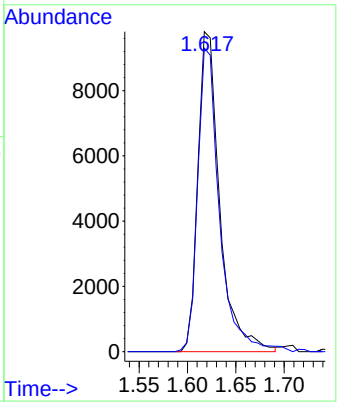


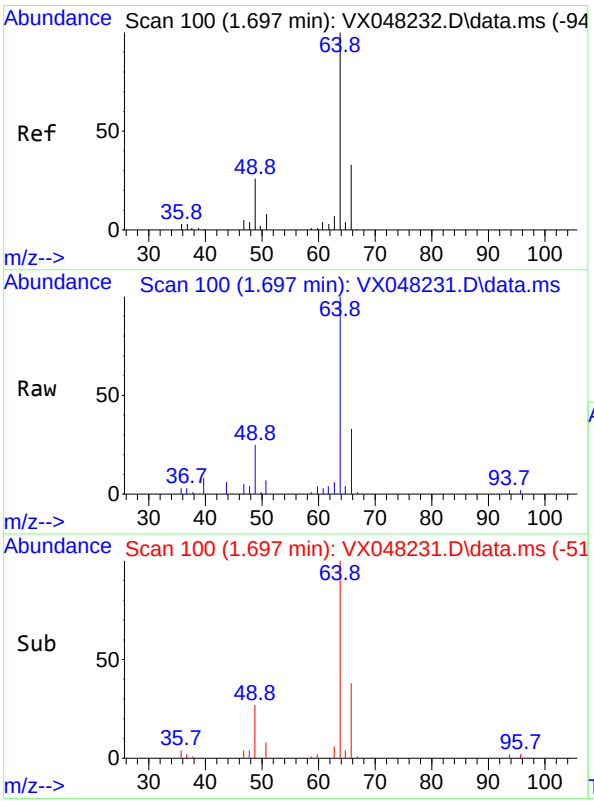

#5
Bromomethane
Concen: 21.449 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 94 Resp: 15473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.8 | 76.0 | 114.0 |

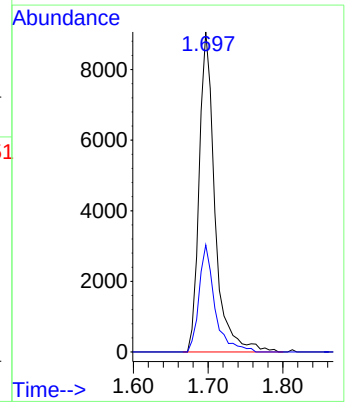


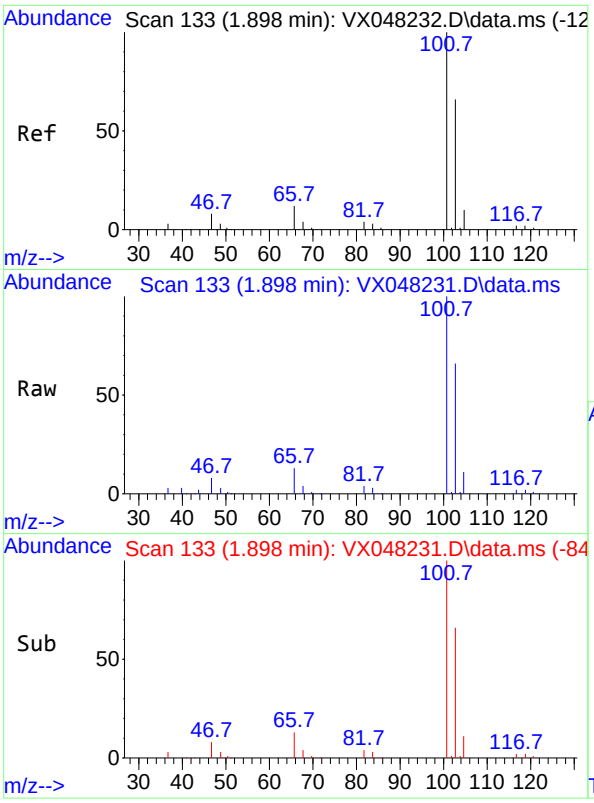




#6
Chloroethane
Concen: 21.212 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 64 Resp: 13249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.4 | 23.9 | 35.9 |



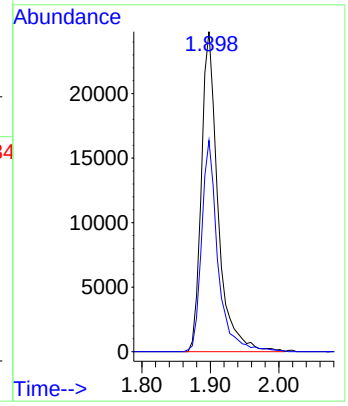


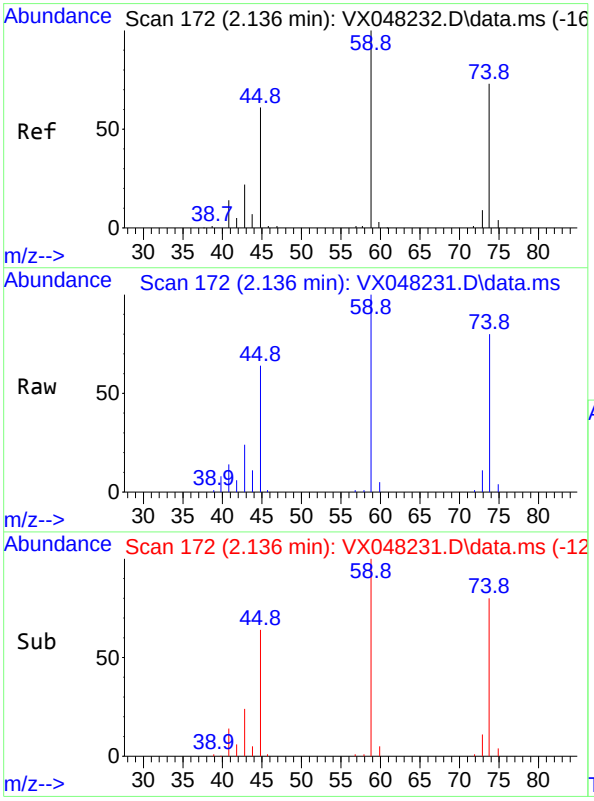

#7
Trichlorofluoromethane
Concen: 20.516 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:101 Resp: 41824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.0 | 51.6 | 77.4 |

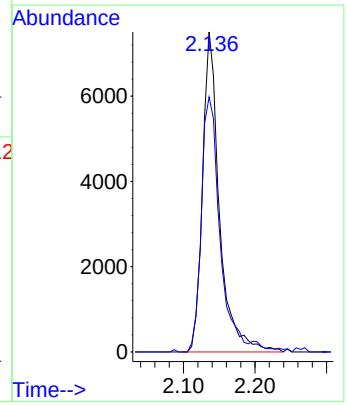


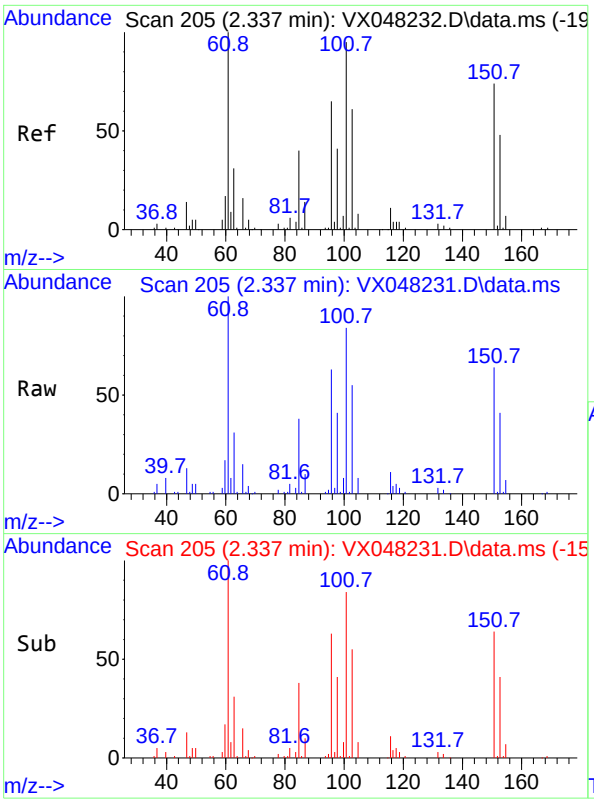




#8
Diethyl Ether
Concen: 21.431 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 74 Resp: 12293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 86.6 | 50.0 | 149.8 |



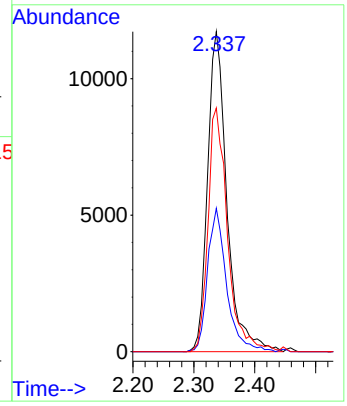


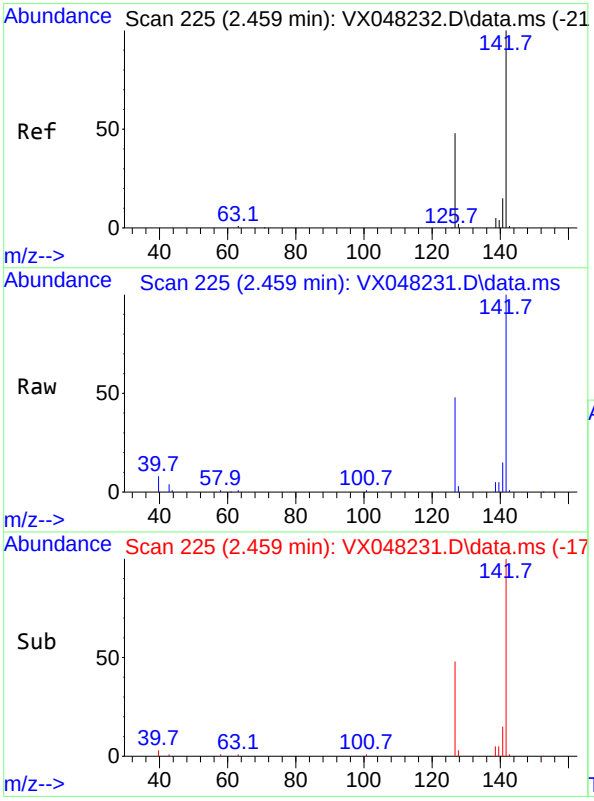

#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.019 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:101 Resp: 25843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.1 | 35.6 | 53.4 |
| 151 | 76.9 | 58.0 | 87.0 |

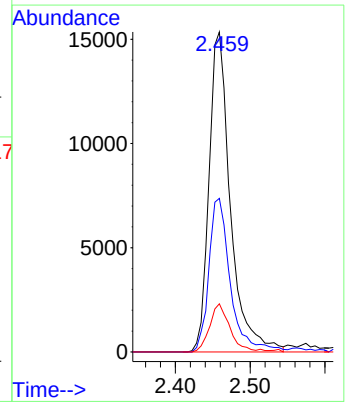


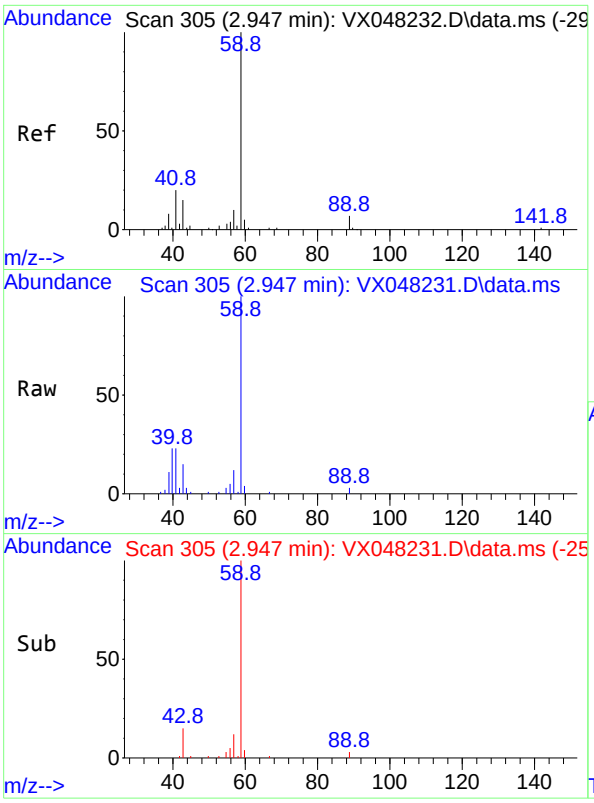




#10
Methyl Iodide
Concen: 18.764 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:142 Resp: 30452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.4 | 38.5 | 57.7 |
| 141 | 14.2 | 11.6 | 17.4 |



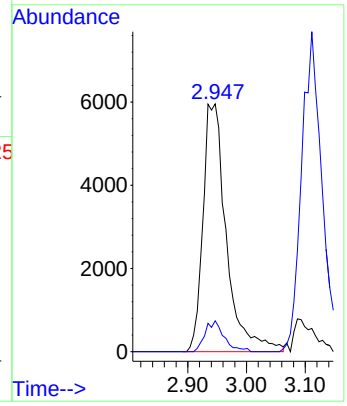


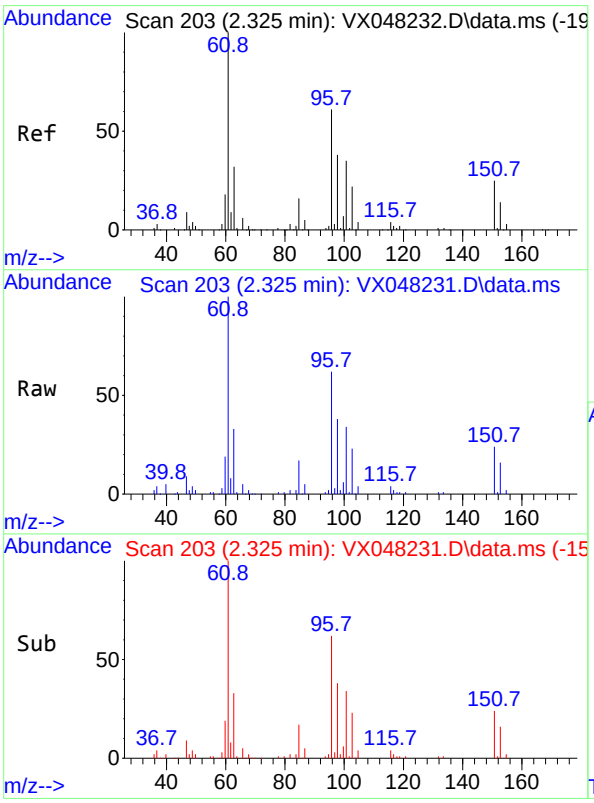

#11
Tert butyl alcohol
Concen: 99.208 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 59 Resp: 16521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 8.2 | 12.4 |

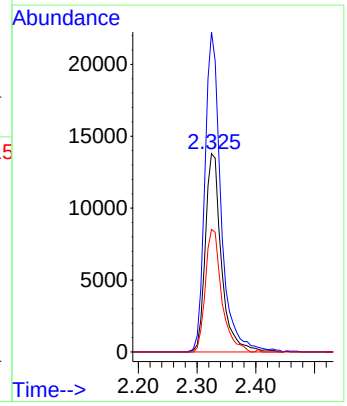


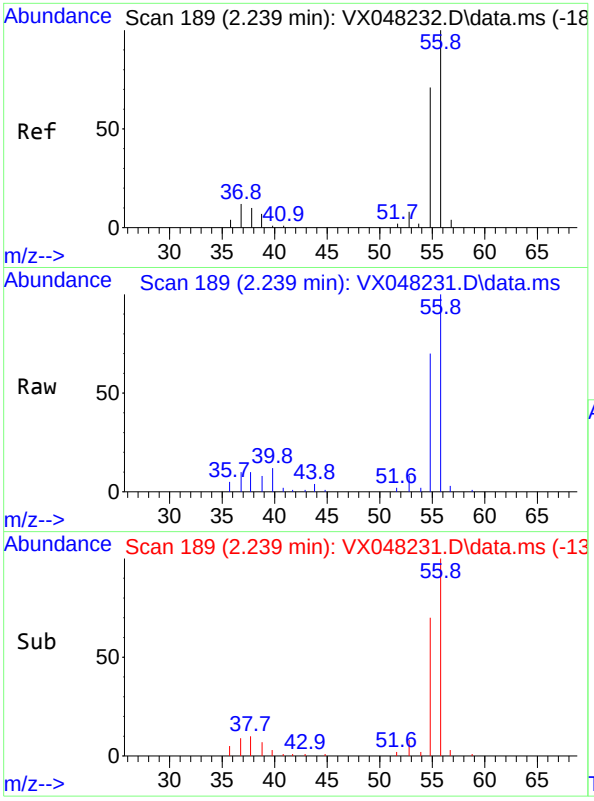




#12
1,1-Dichloroethene
Concen: 20.868 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 96 Resp: 26209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.3 | 139.0 | 208.6 |
| 98 | 61.7 | 52.4 | 78.6 |



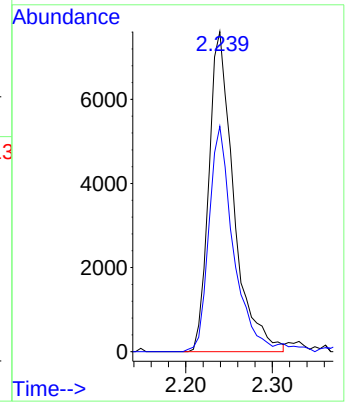


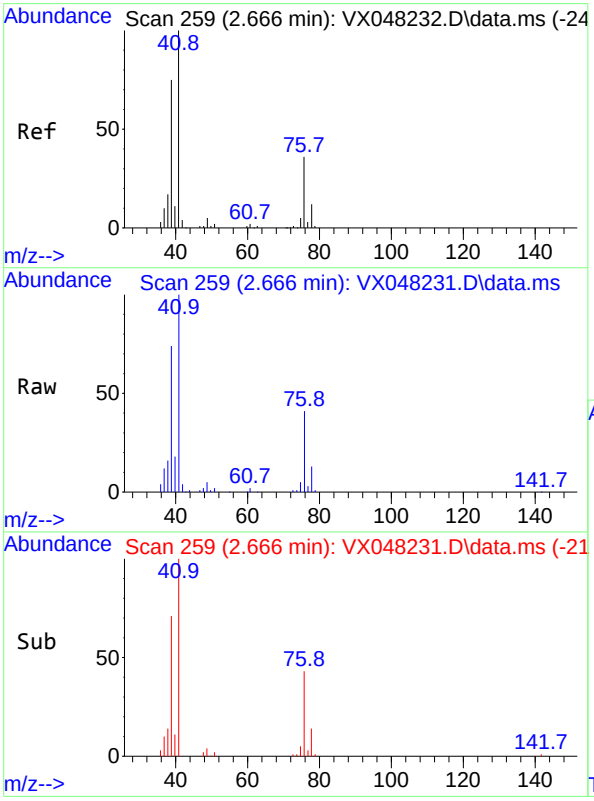

#13
Acrolein
Concen: 89.242 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 56 Resp: 15157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.8 | 56.1 | 84.1 |

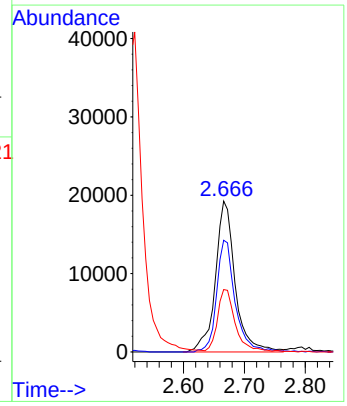


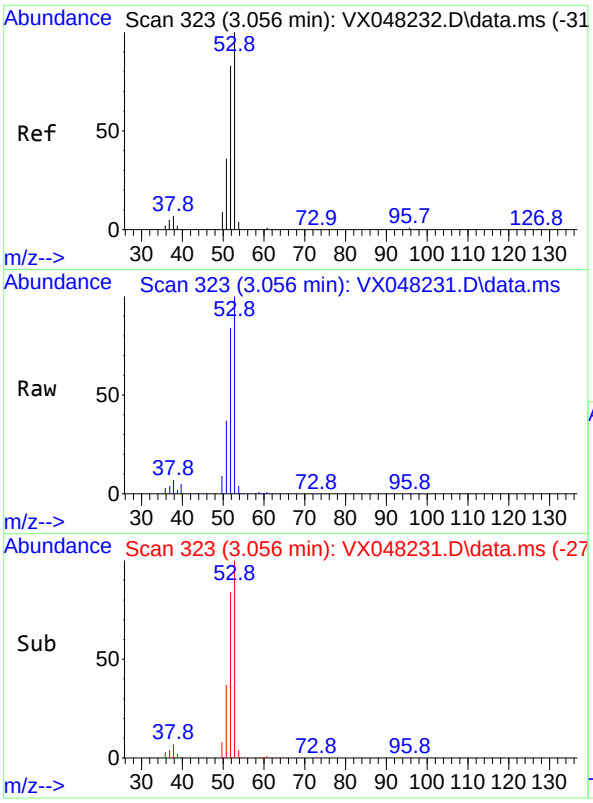




#14
Allyl chloride
Concen: 20.859 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 43494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 69.2 | 56.0 | 84.0 |
| 76 | 36.0 | 27.5 | 41.3 |



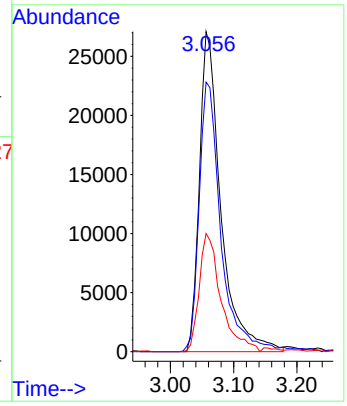


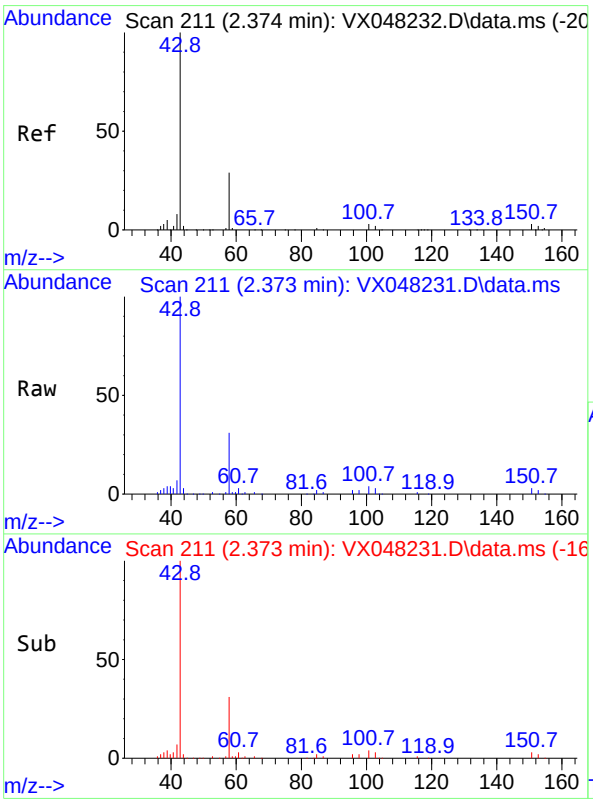

#15
Acrylonitrile
Concen: 106.465 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 53 Resp: 63931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 86.2 | 66.1 | 99.1 |
| 51 | 37.4 | 29.0 | 43.4 |

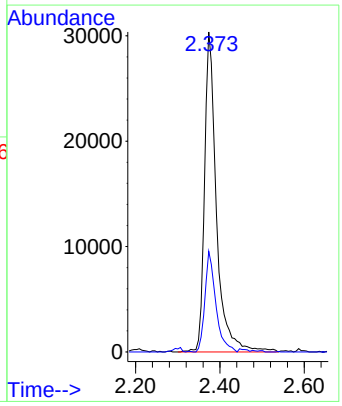


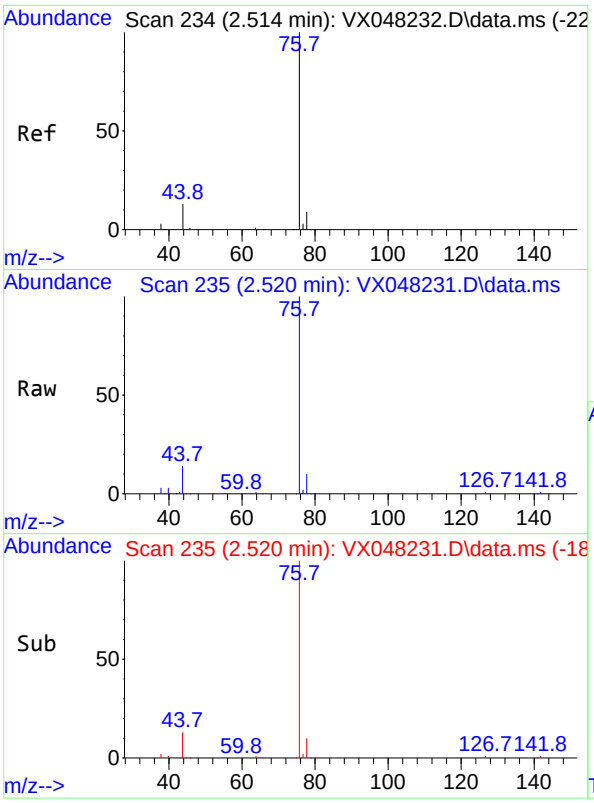




#16
Acetone
Concen: 104.075 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 59884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.3 | 23.4 | 35.2 |



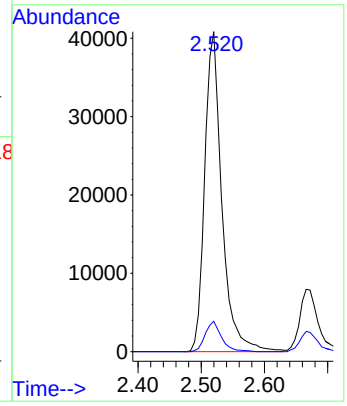


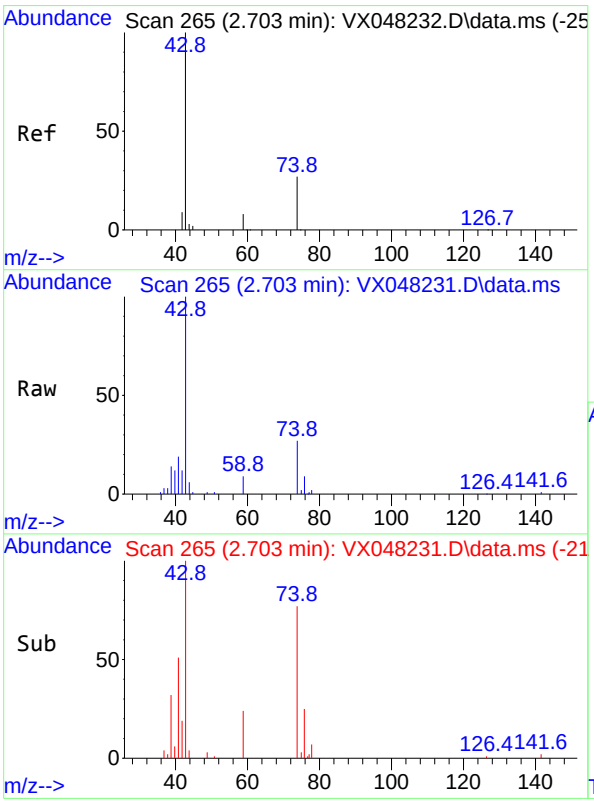

#17
Carbon Disulfide
Concen: 19.489 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 76 Resp: 77142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.1 | 10.7 |

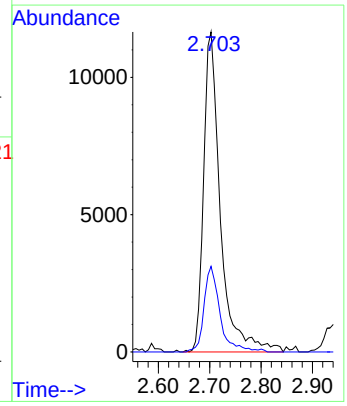


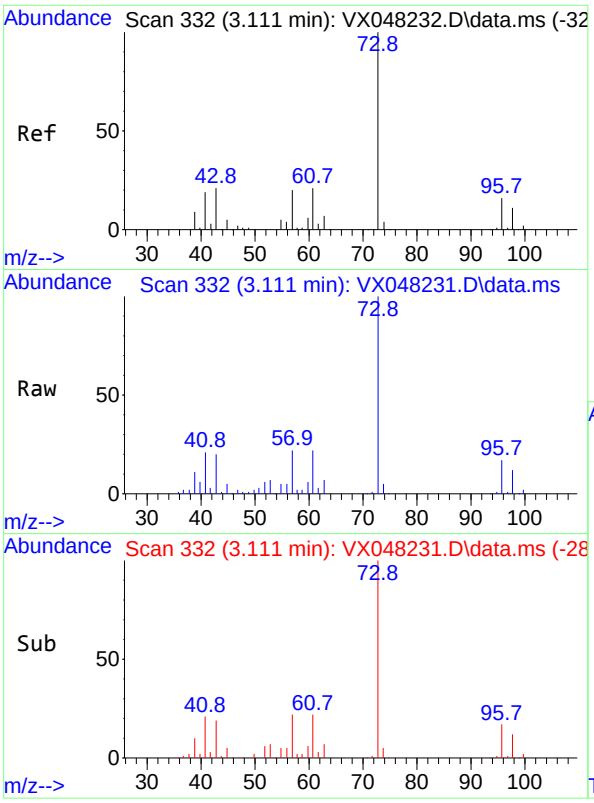




#18
Methyl Acetate
Concen: 21.948 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 26374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.7 | 17.5 | 26.3 |



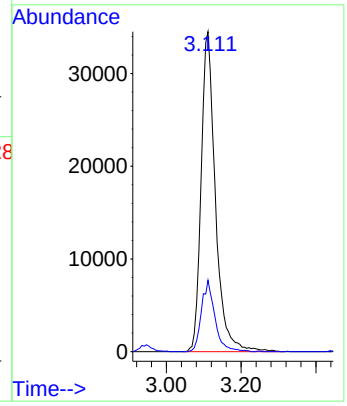


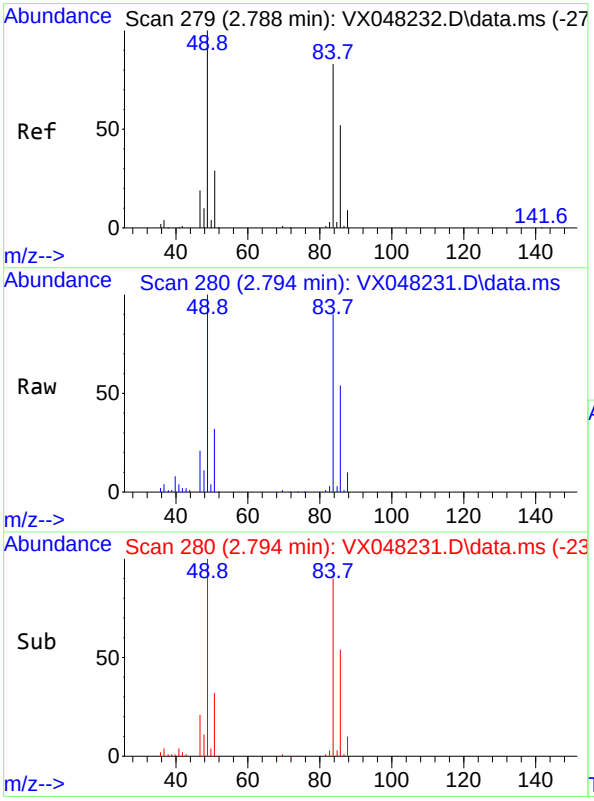

#19
Methyl tert-butyl Ether
Concen: 21.321 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 73 Resp: 91349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.3 | 17.7 | 26.5 |

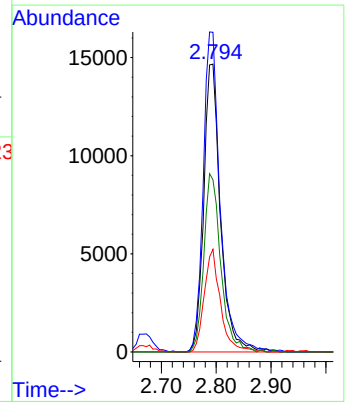


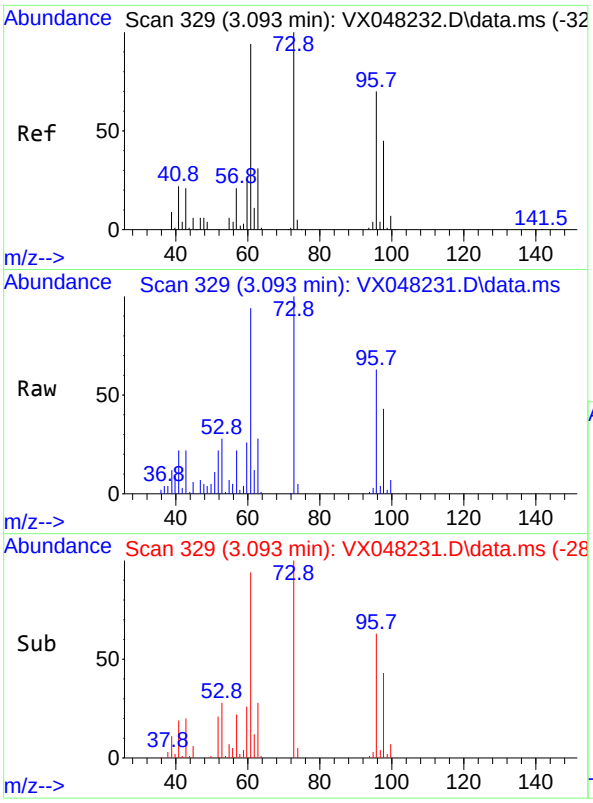




#20
Methylene Chloride
Concen: 22.223 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 84 Resp: 31157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 111.1 | 104.1 | 156.1 |
| 51 | 35.7 | 31.3 | 46.9 |
| 86 | 59.8 | 51.3 | 76.9 |



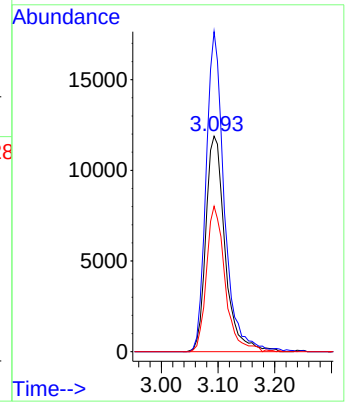


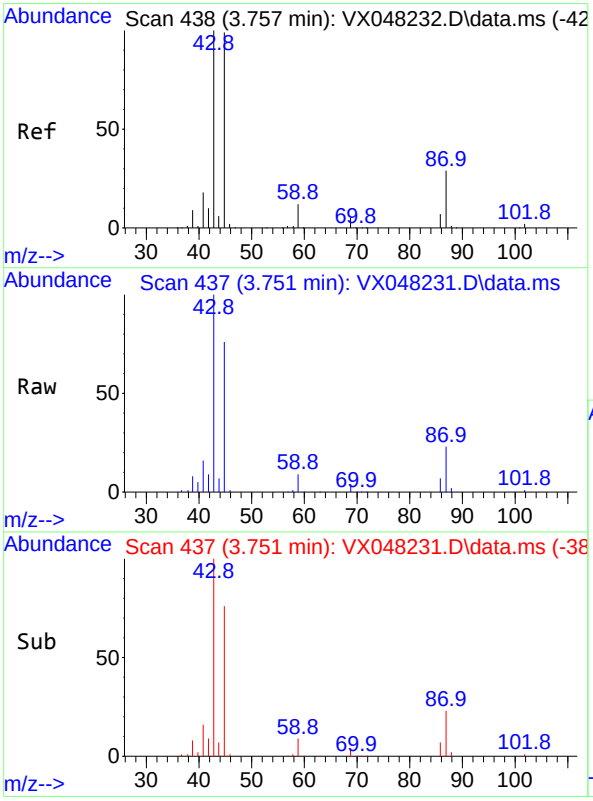

#21
trans-1,2-Dichloroethene
Concen: 20.297 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 96 Resp: 28001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 148.5 | 111.9 | 167.9 |
| 98 | 67.5 | 51.2 | 76.8 |

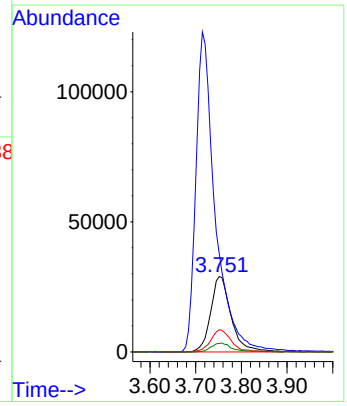


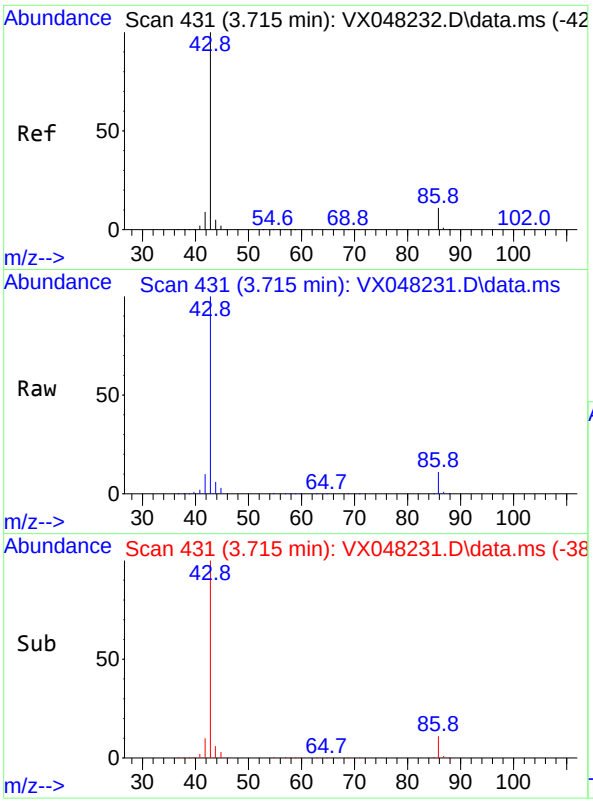




#22
Diisopropyl ether
Concen: 21.648 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 45 Resp: 90030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 129.3 | 89.8 | 134.8 |
| 87 | 29.6 | 20.6 | 31.0 |
| 59 | 11.3 | 9.1 | 13.7 |



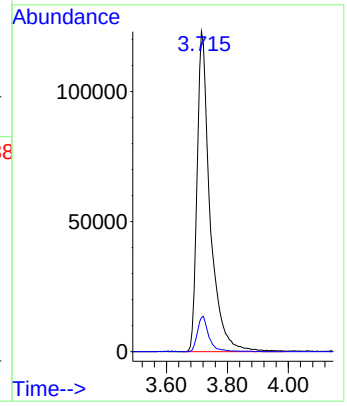


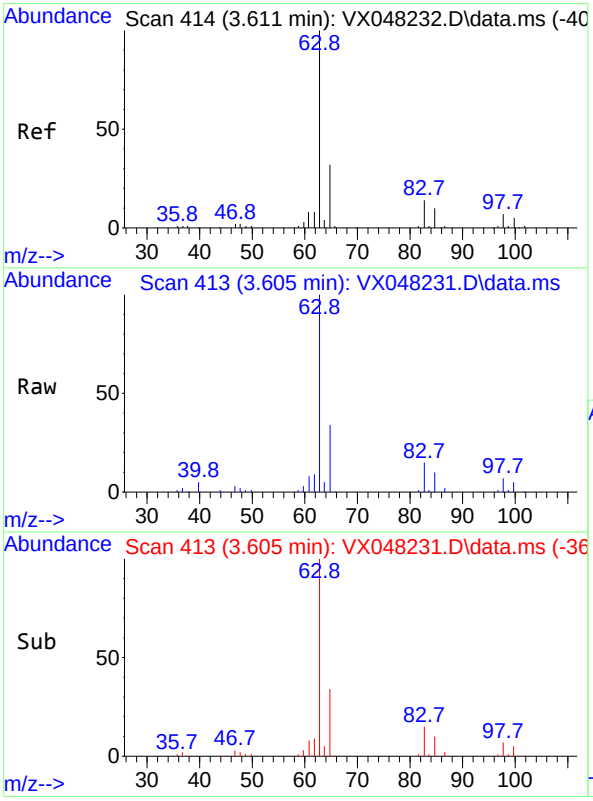

#23
Vinyl Acetate
Concen: 109.571 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 364009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.6 | 7.9 | 11.9 |

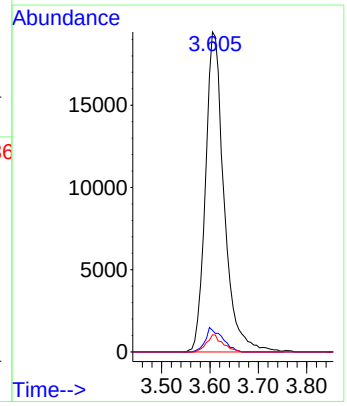


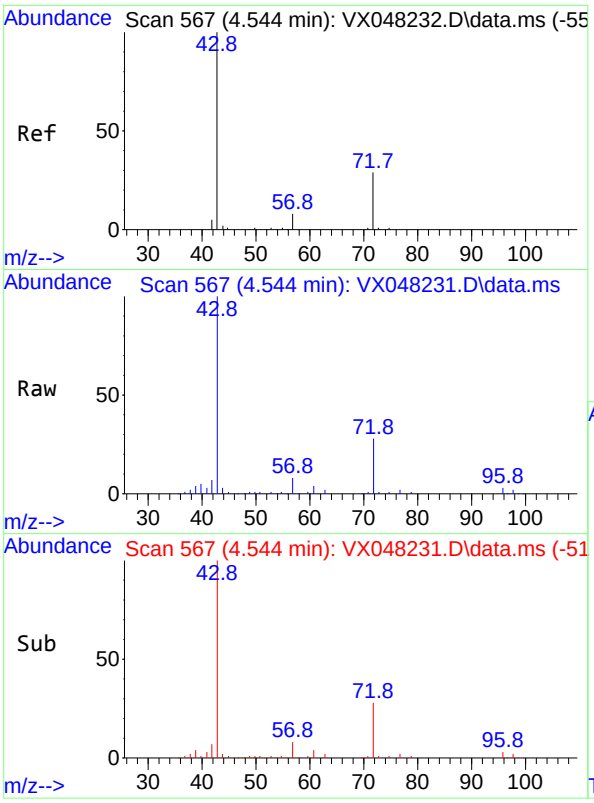




#24
1,1-Dichloroethane
Concen: 20.649 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 51927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.8 | 3.5 | 10.6 |
| 100 | 5.4 | 2.1 | 6.3 |



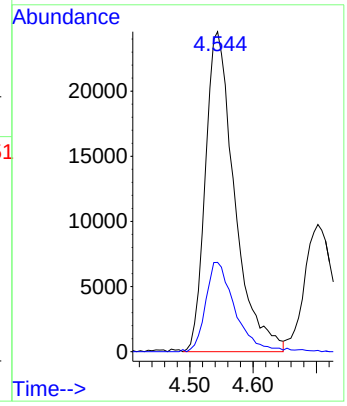


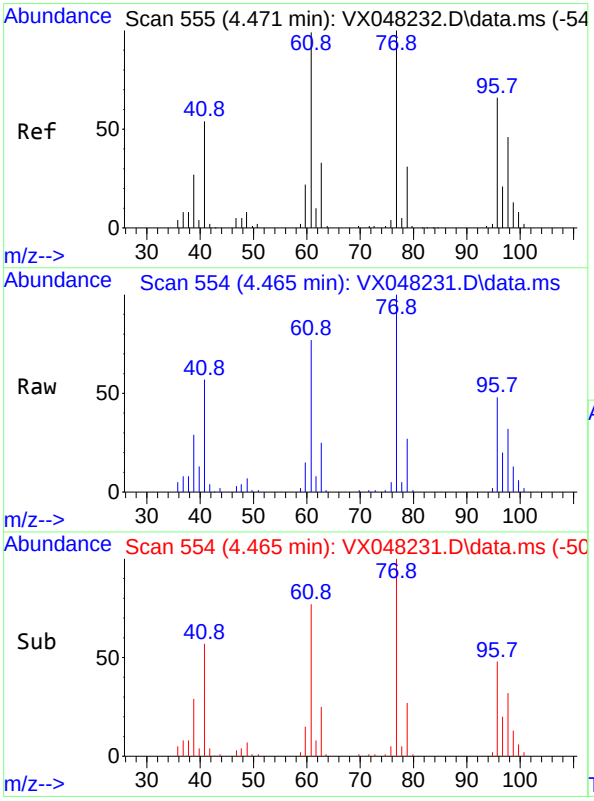

#25
2-Butanone
Concen: 107.982 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 78643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.6 | 19.9 | 29.9 |

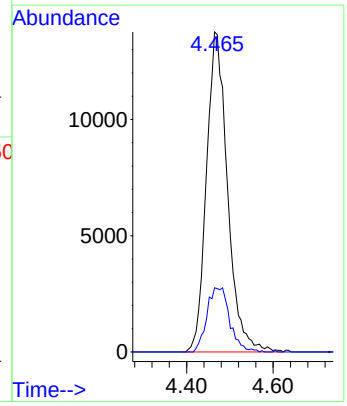


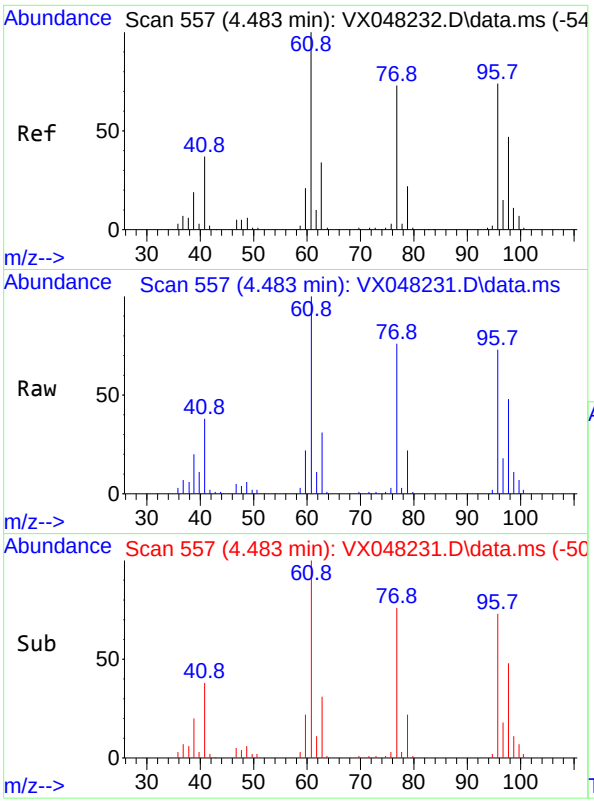




#26
2,2-Dichloropropane
Concen: 20.516 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 77 Resp: 46568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.7 | 11.1 | 33.3 |



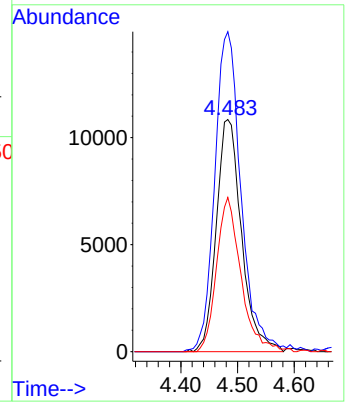


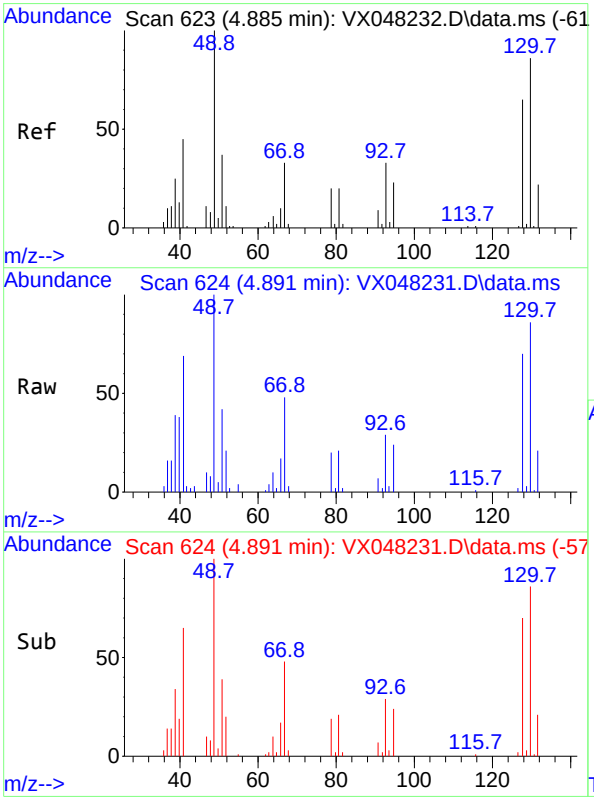

#27
cis-1,2-Dichloroethene
Concen: 20.812 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 96 Resp: 33508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.9 | 0.0 | 294.2 |
| 98 | 64.3 | 0.0 | 128.4 |

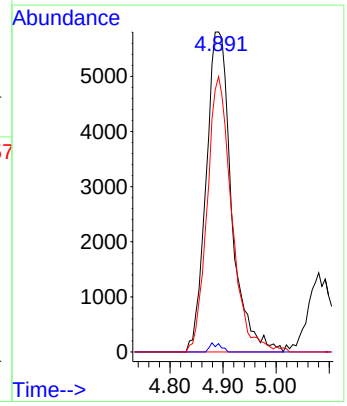


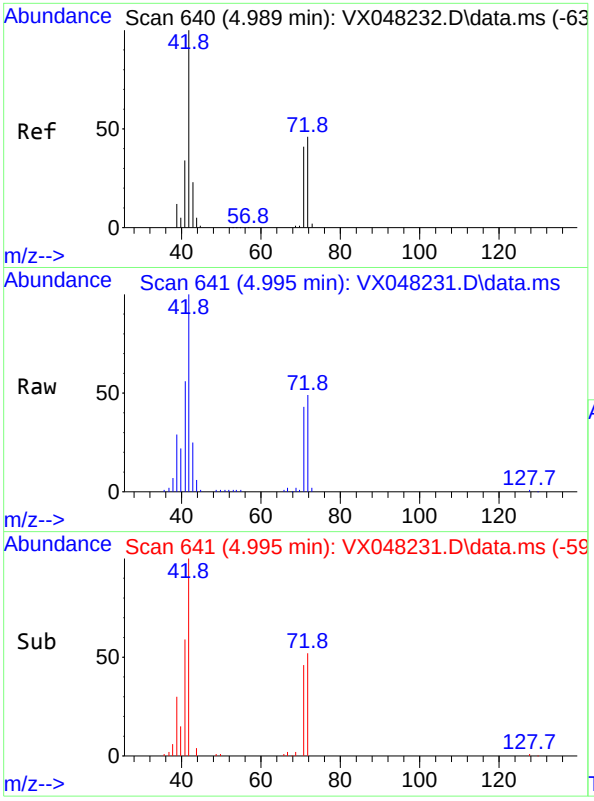




#28
Bromochloromethane
Concen: 18.547 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 49 Resp: 19339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.2 | 0.0 | 4.4 |
| 130 | 82.7 | 59.3 | 88.9 |



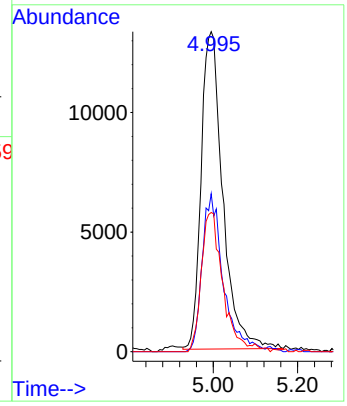


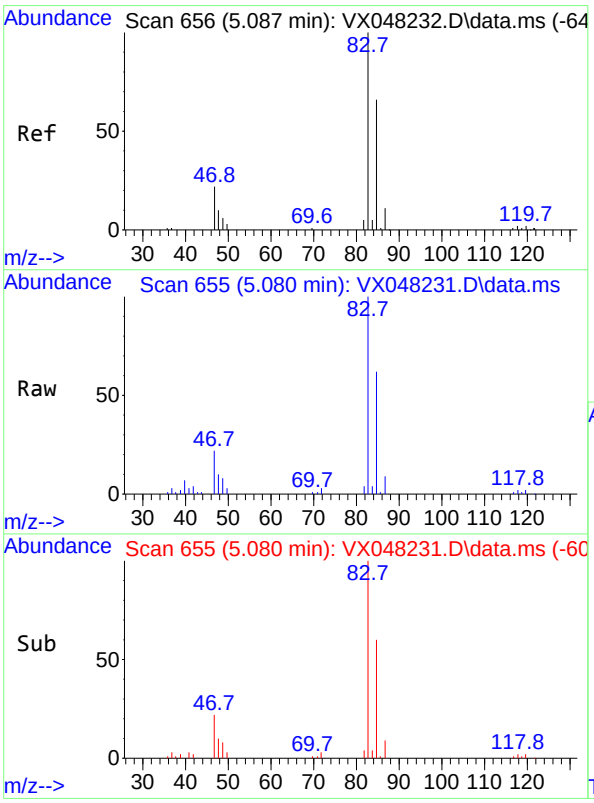

#29
Tetrahydrofuran
Concen: 108.802 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 42 Resp: 47457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.5 | 35.3 | 52.9 |
| 71 | 43.2 | 32.2 | 48.4 |

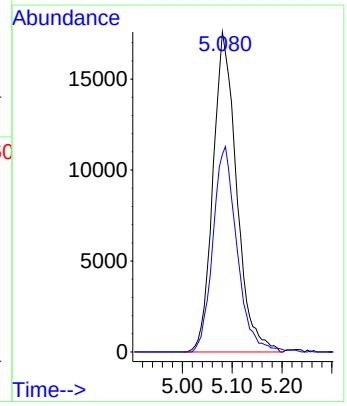


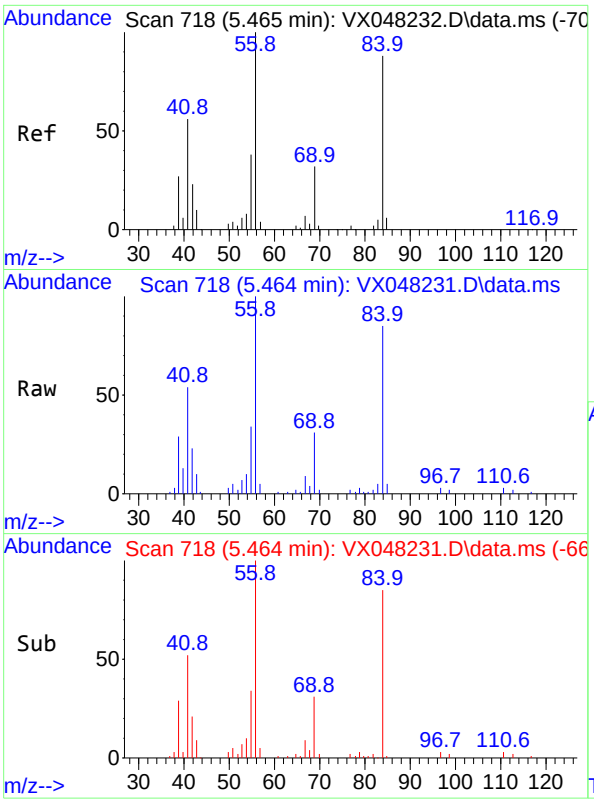




#30
Chloroform
Concen: 21.506 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 57780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 50.1 | 75.1 |



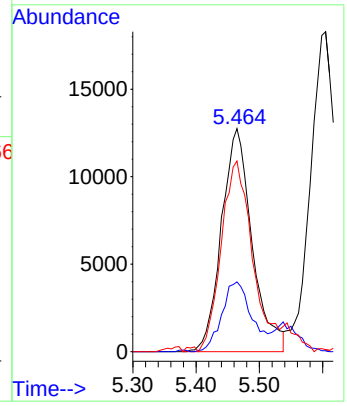


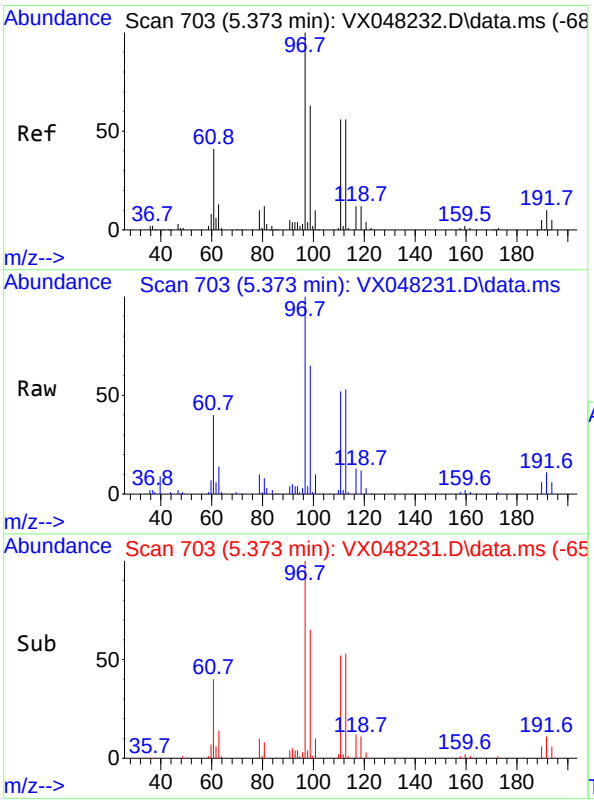

#31
Cyclohexane
Concen: 20.556 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 56 Resp: 42796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.6 | 23.0 | 34.6 |
| 84 | 85.5 | 64.6 | 97.0 |

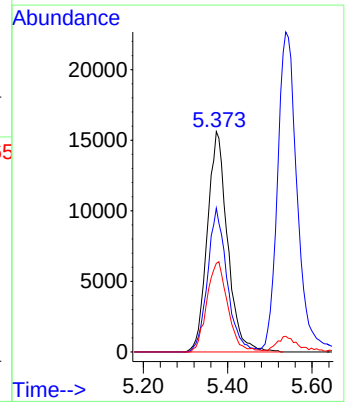


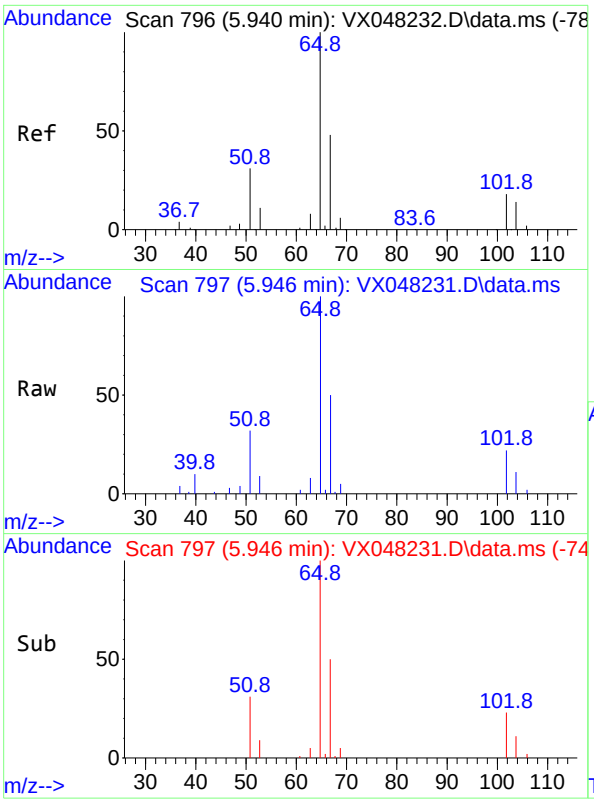




#32
1,1,1-Trichloroethane
Concen: 20.972 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 97 Resp: 51929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.0 | 51.7 | 77.5 |
| 61 | 42.4 | 34.8 | 52.2 |



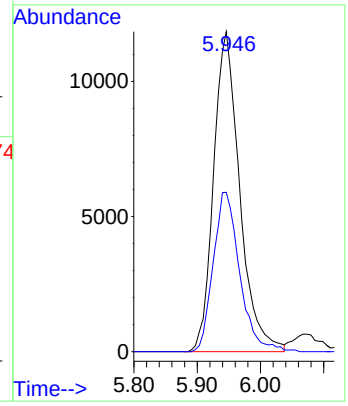


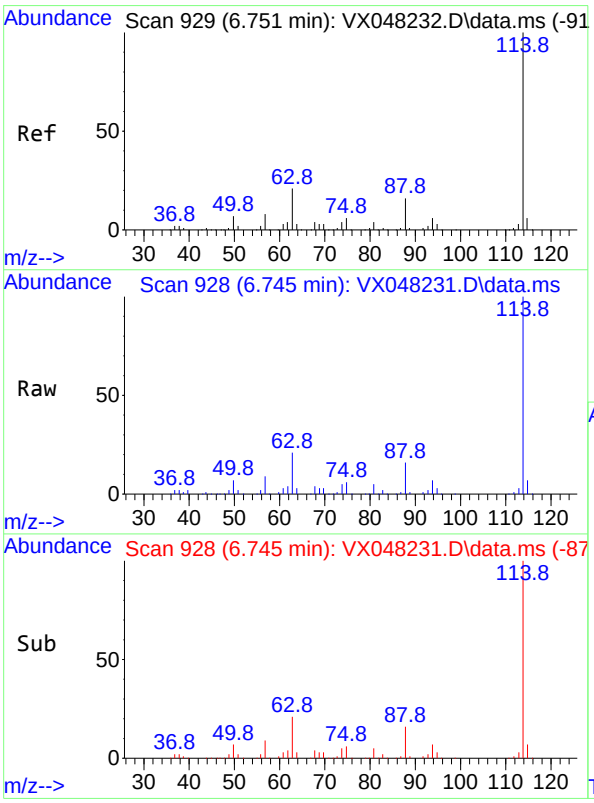

#33
1,2-Dichloroethane-d4
Concen: 20.233 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 65 Resp: 33936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.6 | 0.0 | 105.0 |

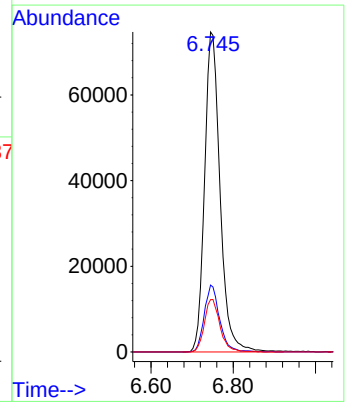


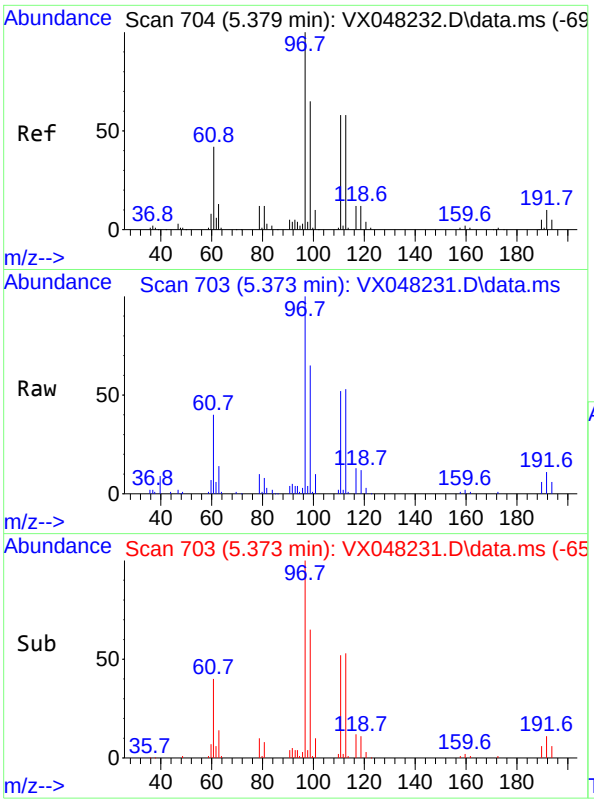




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:114 Resp: 195028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.9 | 0.0 | 43.2 |
| 88 | 16.4 | 0.0 | 33.6 |



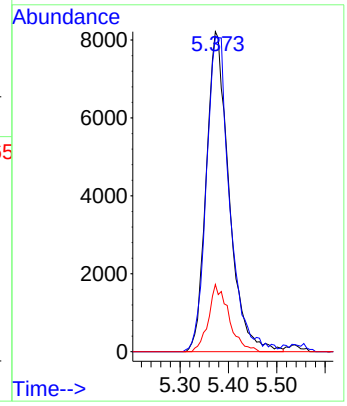


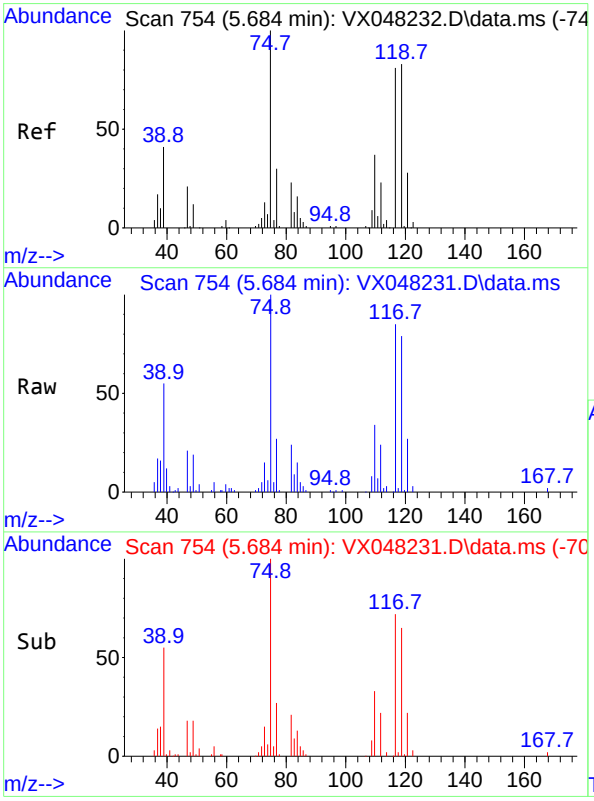

#35
Dibromofluoromethane
Concen: 20.201 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:113 Resp: 26897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.7 | 82.2 | 123.4 |
| 192 | 18.8 | 15.1 | 22.7 |

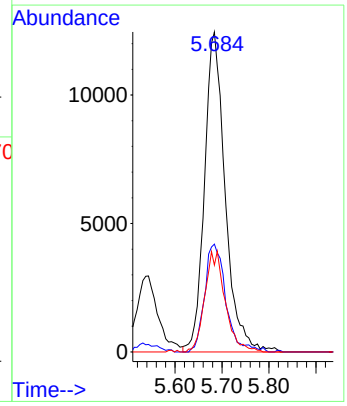


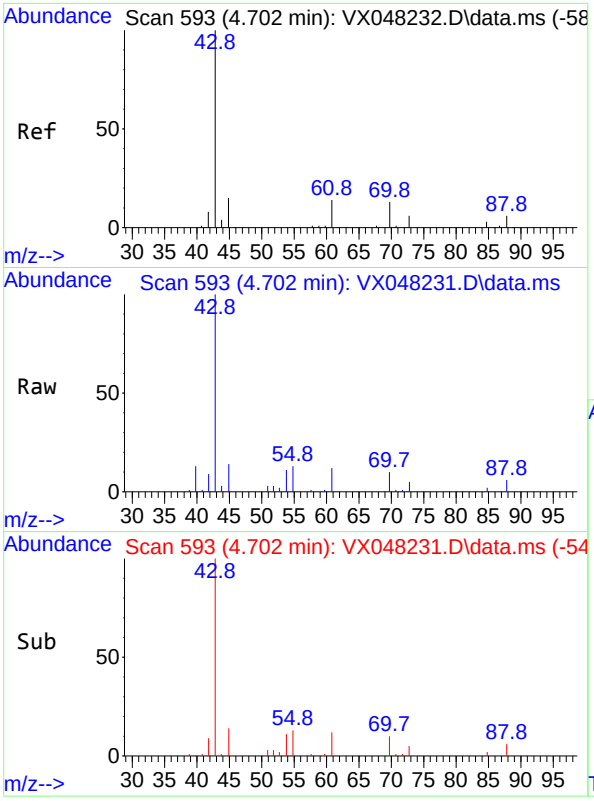




#36
1,1-Dichloropropene
Concen: 20.223 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 38270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.6 | 17.7 | 53.1 |
| 77 | 31.1 | 24.3 | 36.5 |



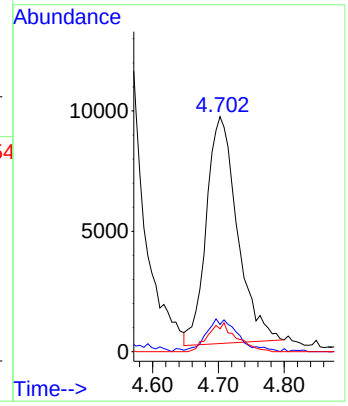


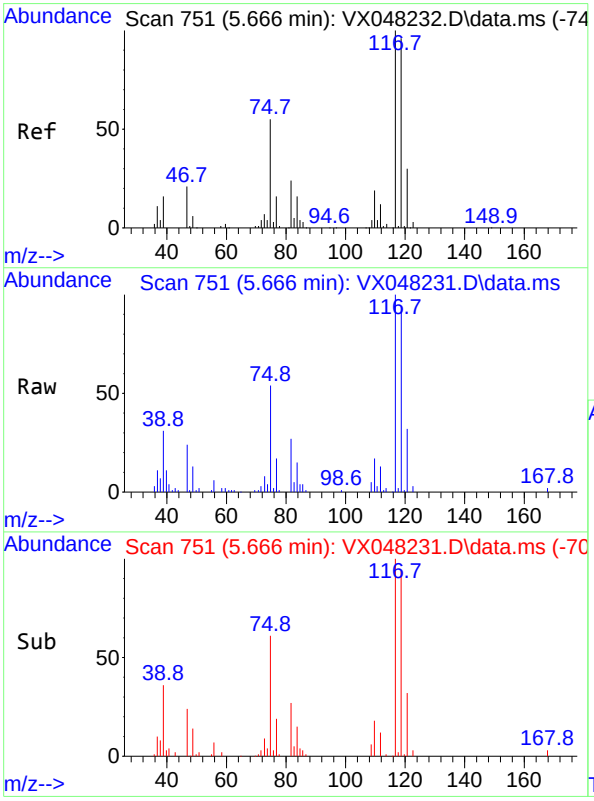

#37
Ethyl Acetate
Concen: 19.702 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 30904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.8 | 10.6 | 15.8 |
| 70 | 11.7 | 7.8 | 11.6# |

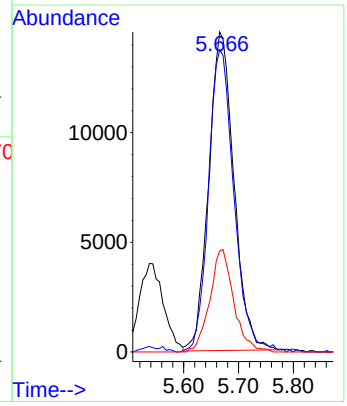


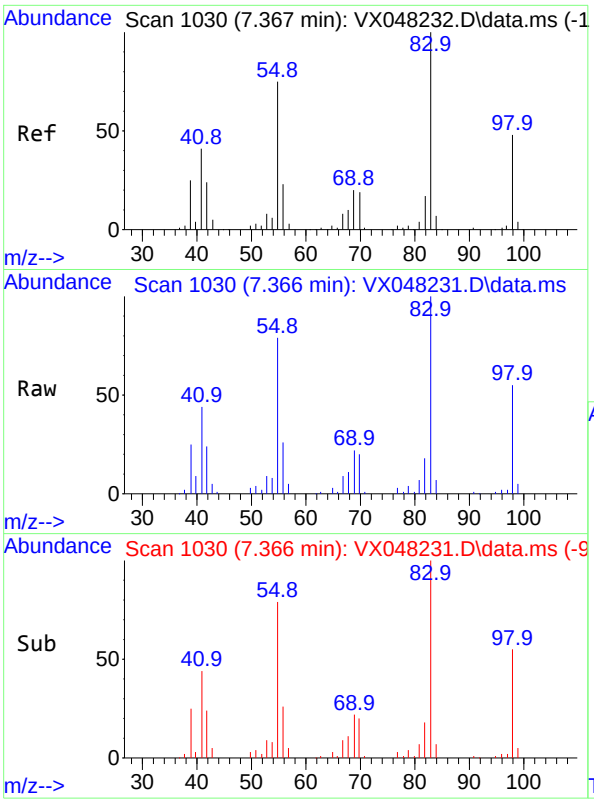




#38
Carbon Tetrachloride
Concen: 19.841 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 46323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 77.2 | 115.8 |
| 121 | 31.8 | 24.8 | 37.2 |



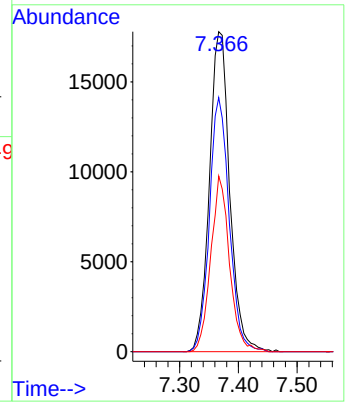


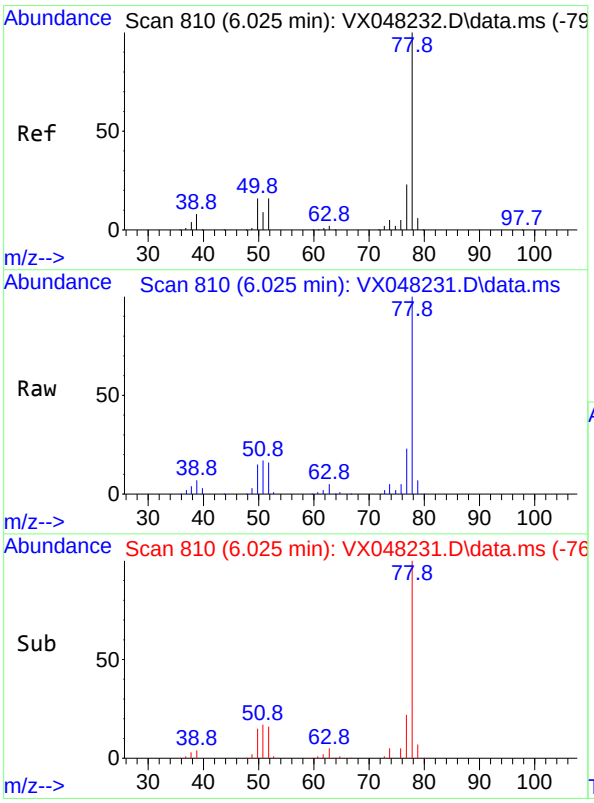

#39
Methylcyclohexane
Concen: 19.140 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 83 Resp: 42776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 79.4 | 66.2 | 99.2 |
| 98 | 54.9 | 38.9 | 58.3 |

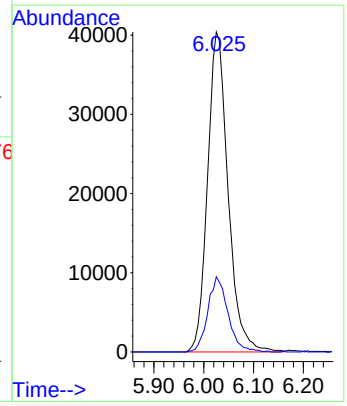


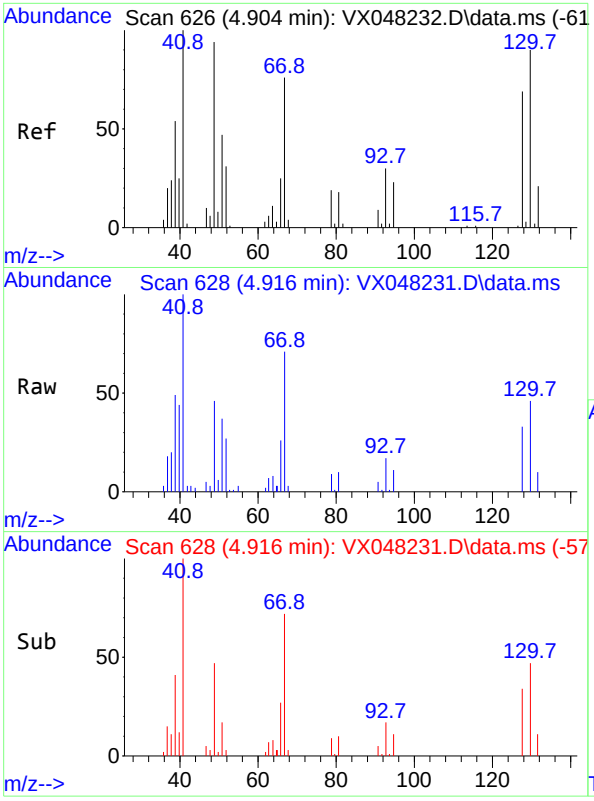




#40
Benzene
Concen: 21.020 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 78 Resp: 115488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 19.3 | 28.9 |



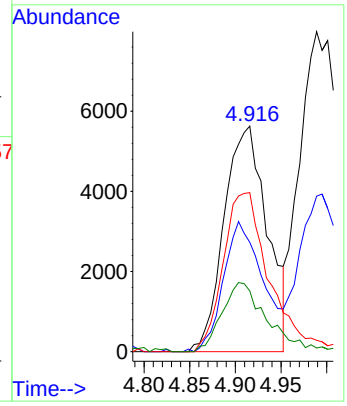


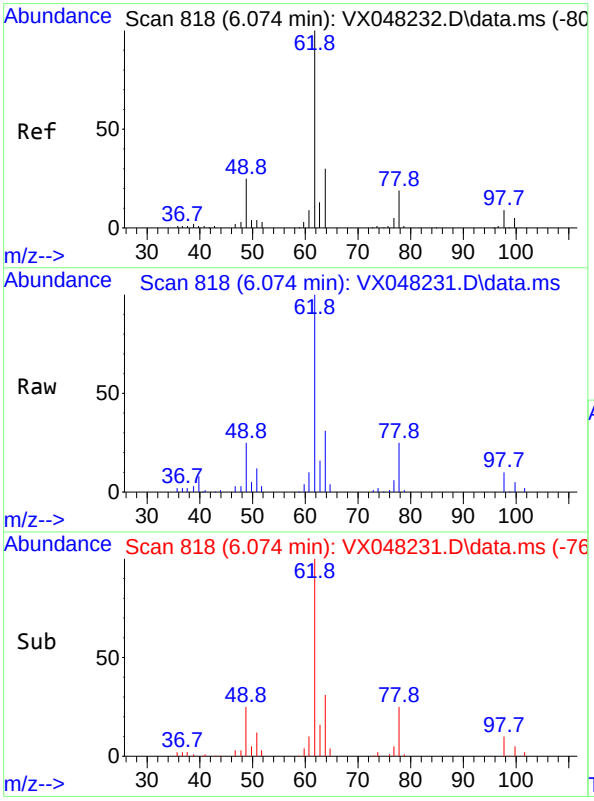

#41
Methacrylonitrile
Concen: 22.411 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 41 Resp: 18461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.4 | 44.0 | 66.0 |
| 67 | 76.9 | 58.7 | 88.1 |
| 52 | 32.3 | 25.9 | 38.9 |

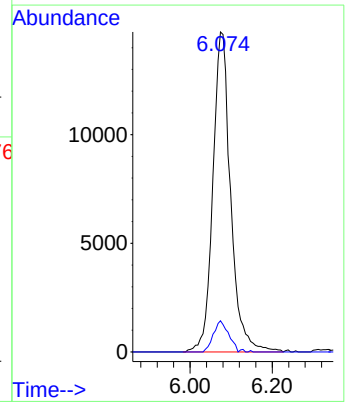


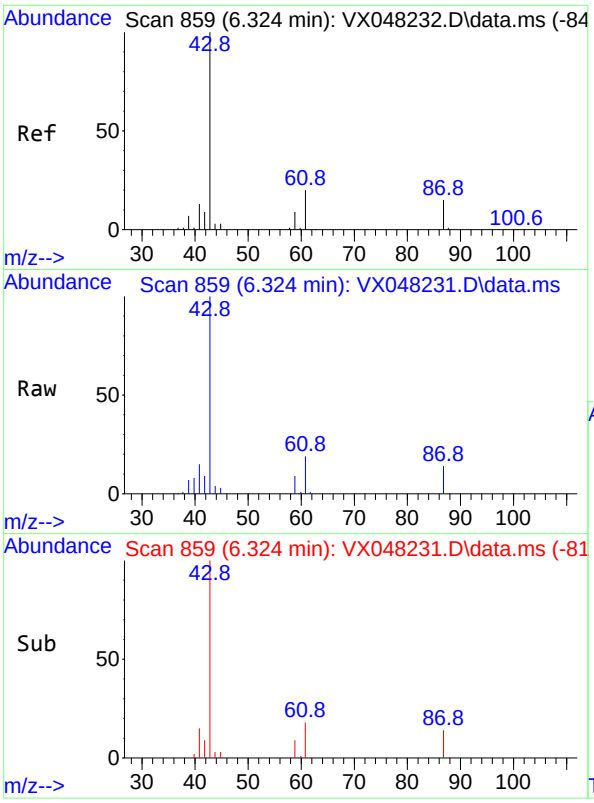




#42
1,2-Dichloroethane
Concen: 21.789 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 44176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.5 | 0.0 | 17.2 |



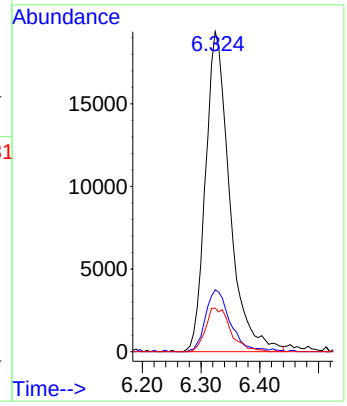


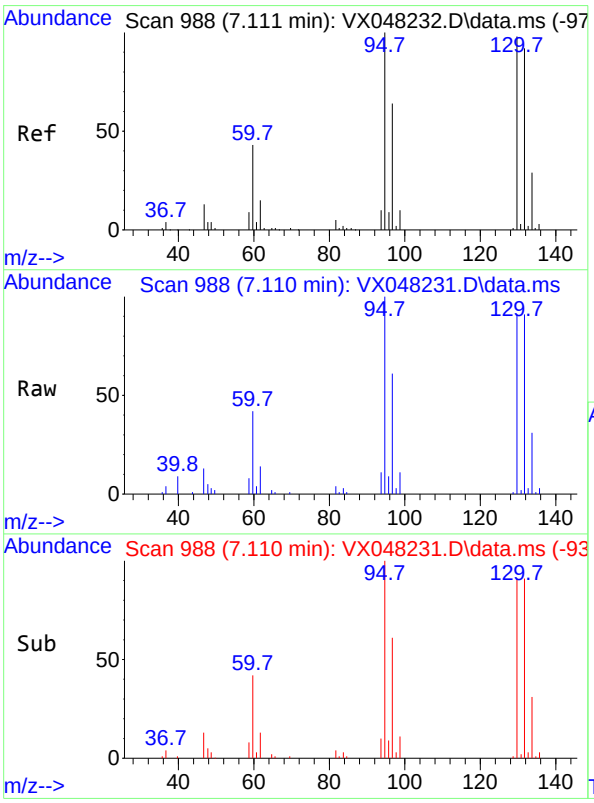

#43
Isopropyl Acetate
Concen: 21.469 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 55317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.9 | 14.9 | 22.3 |
| 87 | 14.1 | 9.4 | 14.2 |

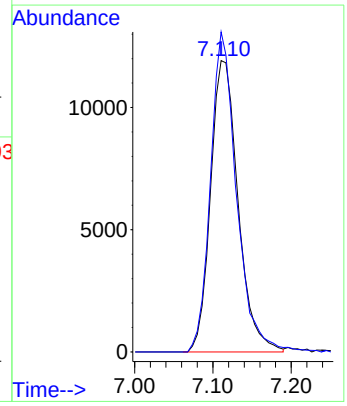


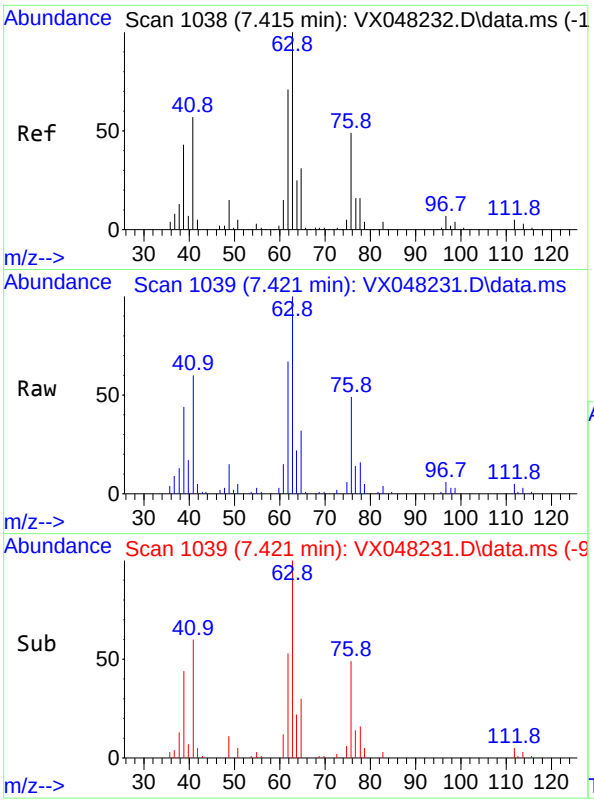




#44
Trichloroethene
Concen: 20.064 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:130 Resp: 29108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 109.8 | 0.0 | 200.6 |



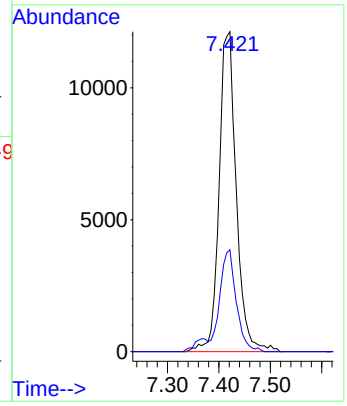


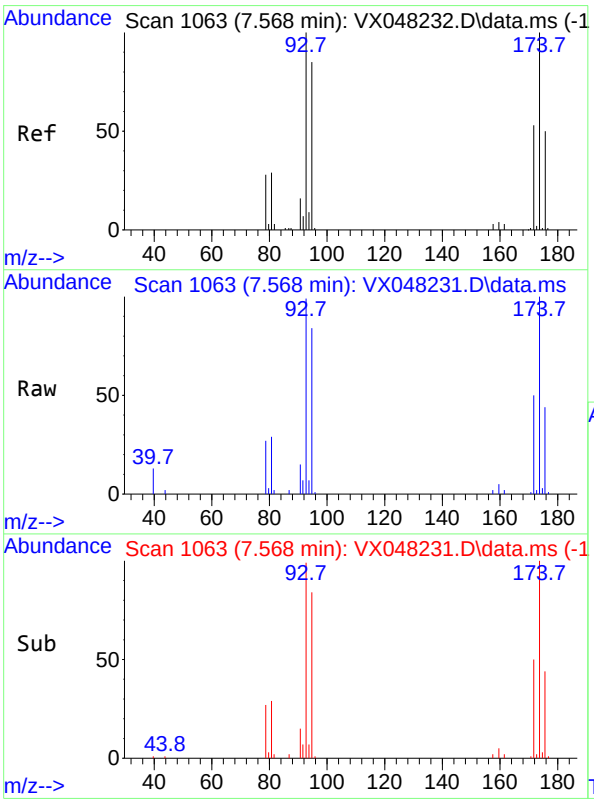

#45
1,2-Dichloropropane
Concen: 21.620 ug/l
RT: 7.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 63 Resp: 28242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.8 | 24.1 | 36.1 |

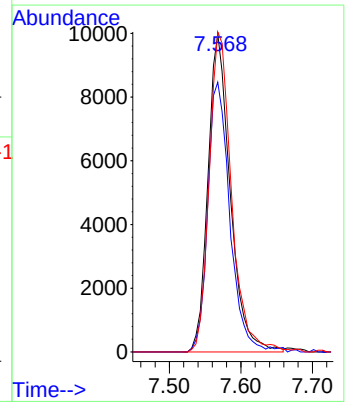


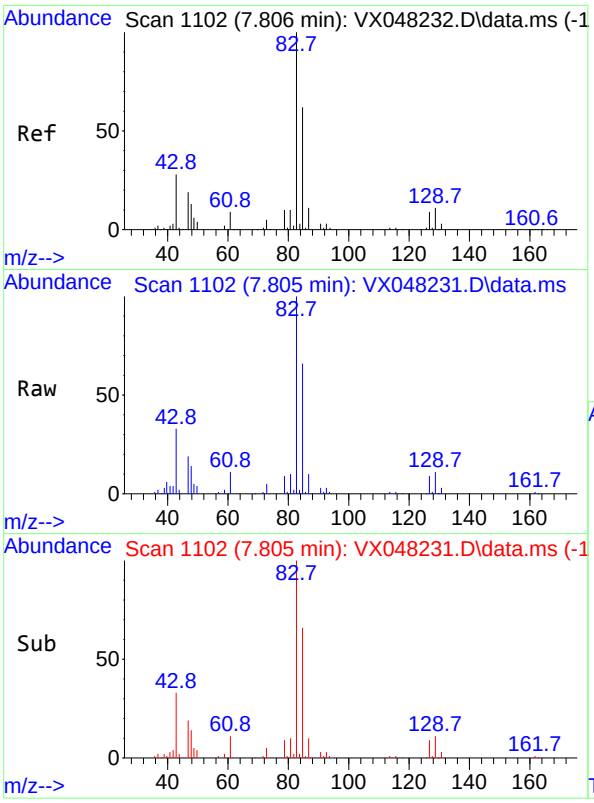




#46
Dibromomethane
Concen: 21.229 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 93 Resp: 21605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.4 | 65.9 | 98.9 |
| 174 | 101.4 | 71.7 | 107.5 |



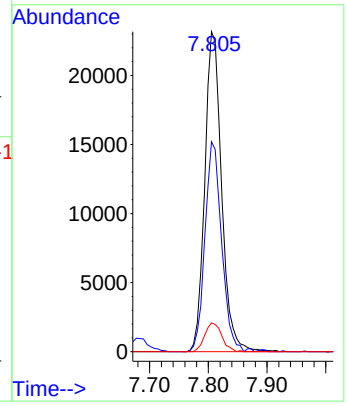


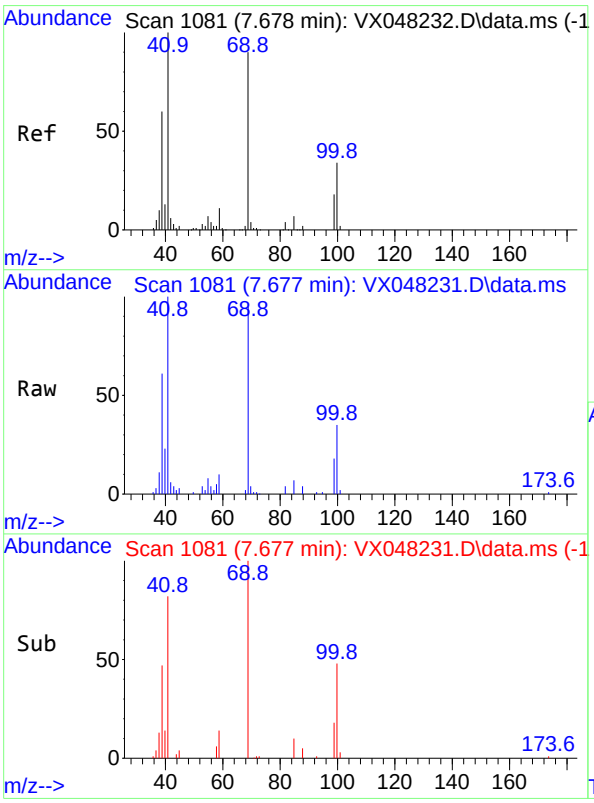

#47
Bromodichloromethane
Concen: 21.034 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 83 Resp: 46221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.6 | 52.2 | 78.4 |
| 127 | 9.0 | 7.3 | 10.9 |

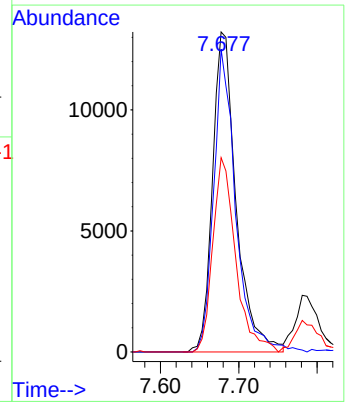


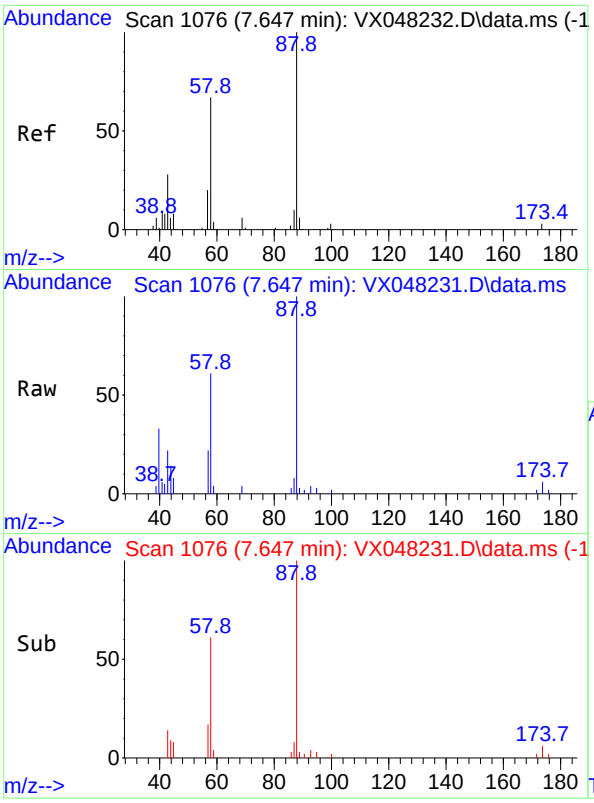




#48
Methyl methacrylate
Concen: 21.344 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 27751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 88.6 | 63.4 | 95.0 |
| 39 | 58.7 | 47.1 | 70.7 |



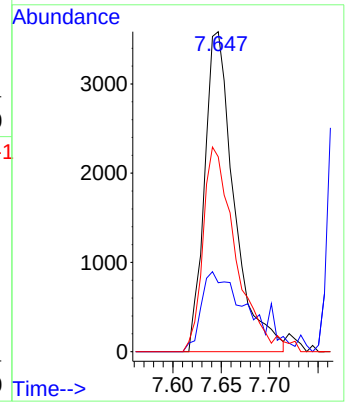


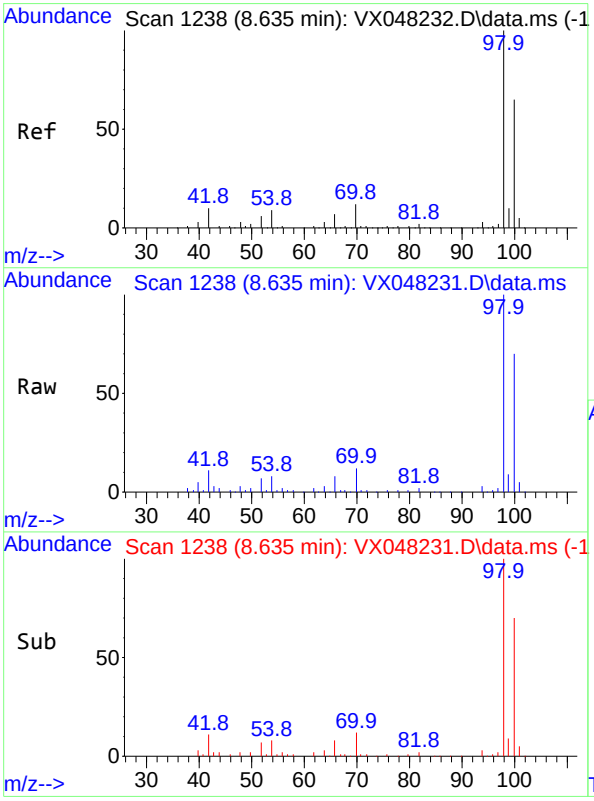

#49
1,4-Dioxane
Concen: 443.623 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 88 Resp: 7620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.0 | 35.0 | 52.4 |
| 58 | 71.5 | 61.9 | 92.9 |

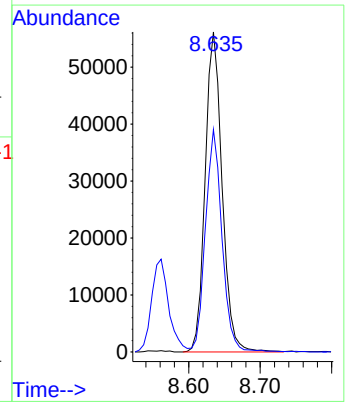


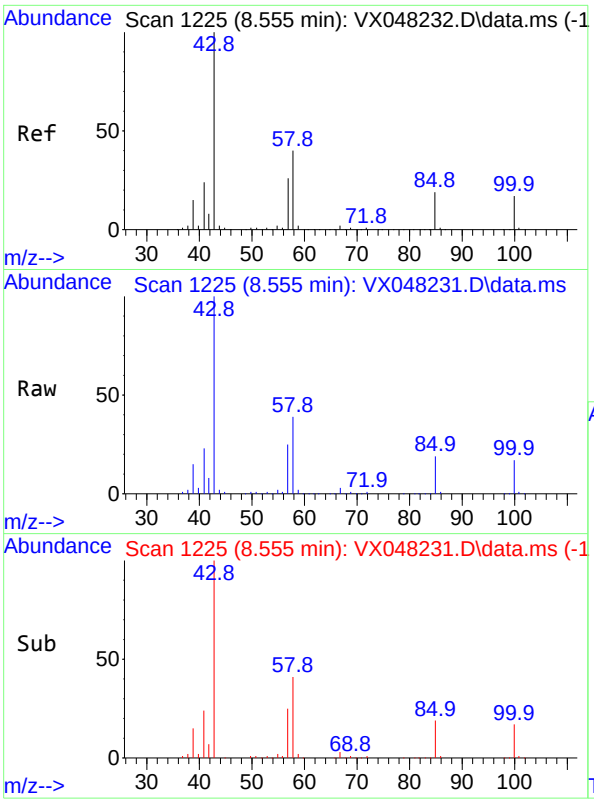




#50
Toluene-d8
Concen: 19.815 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 98 Resp: 92476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.8 | 53.0 | 79.4 |



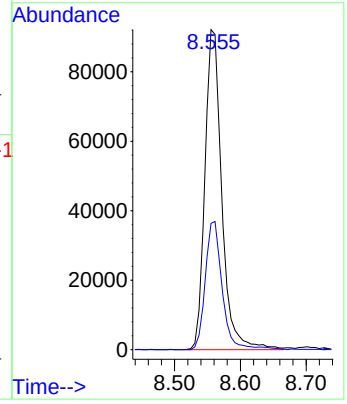


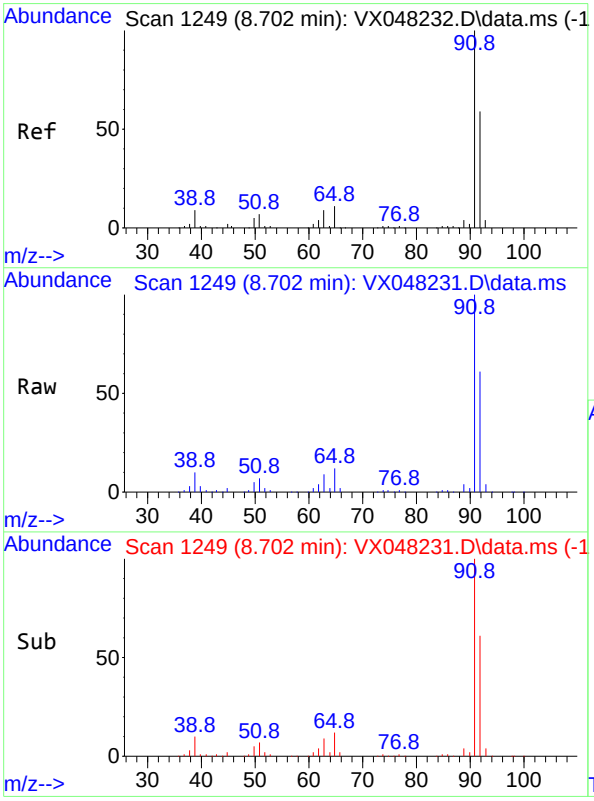

#51
4-Methyl-2-Pentanone
Concen: 110.873 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 164708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.3 | 29.5 | 44.3 |

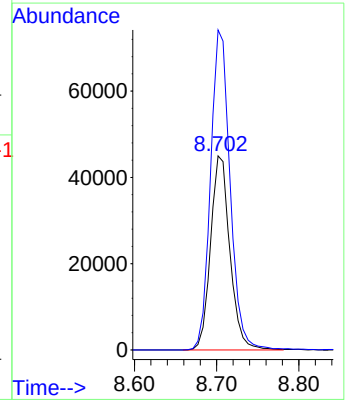


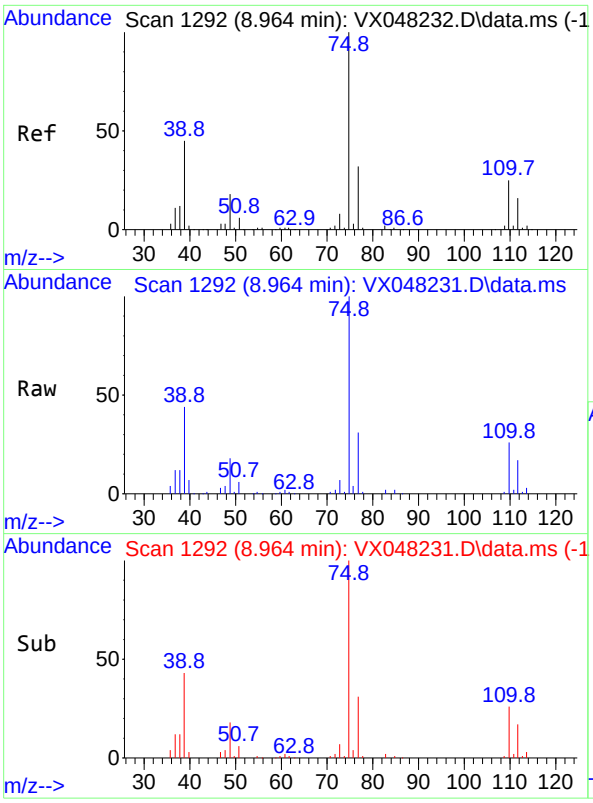




#52
Toluene
Concen: 21.093 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 92 Resp: 73623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 167.2 | 136.1 | 204.1 |



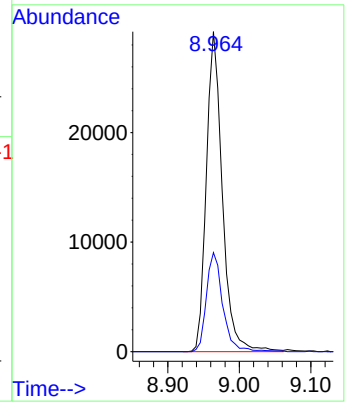


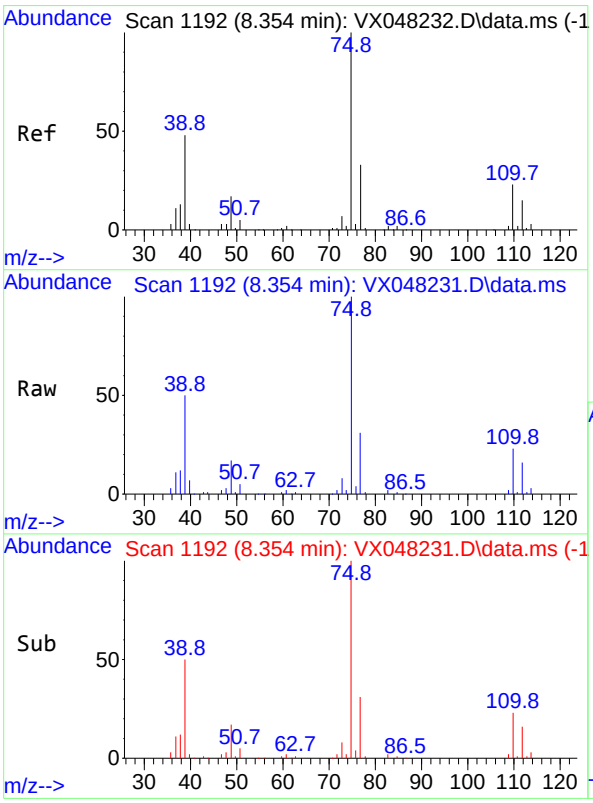

#53
t-1,3-Dichloropropene
Concen: 21.447 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 75 Resp: 45416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 25.0 | 37.6 |

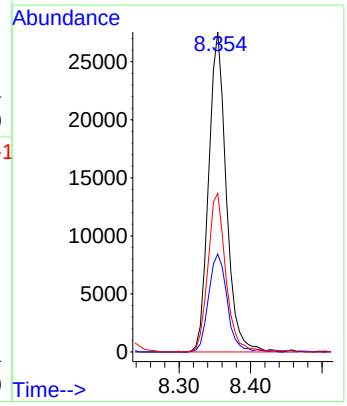


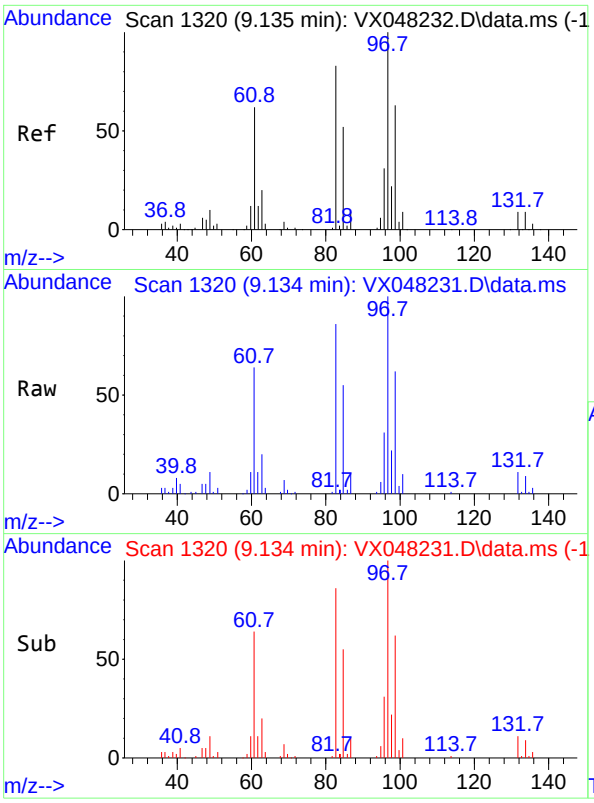




#54
cis-1,3-Dichloropropene
Concen: 20.629 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 47130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.6 | 24.9 | 37.3 |
| 39 | 49.5 | 42.6 | 64.0 |



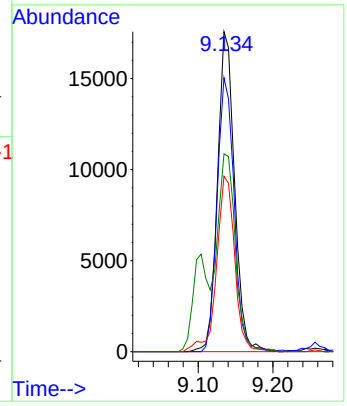


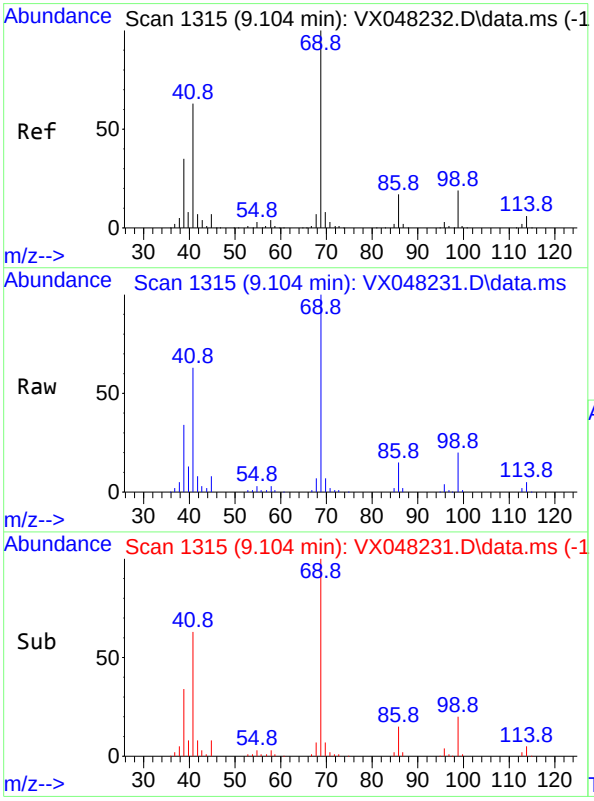

#55
1,1,2-Trichloroethane
Concen: 21.482 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 97 Resp: 27884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.6 | 70.6 | 105.8 |
| 85 | 54.9 | 45.0 | 67.6 |
| 99 | 61.8 | 50.9 | 76.3 |

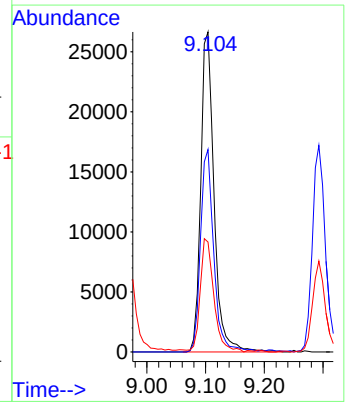


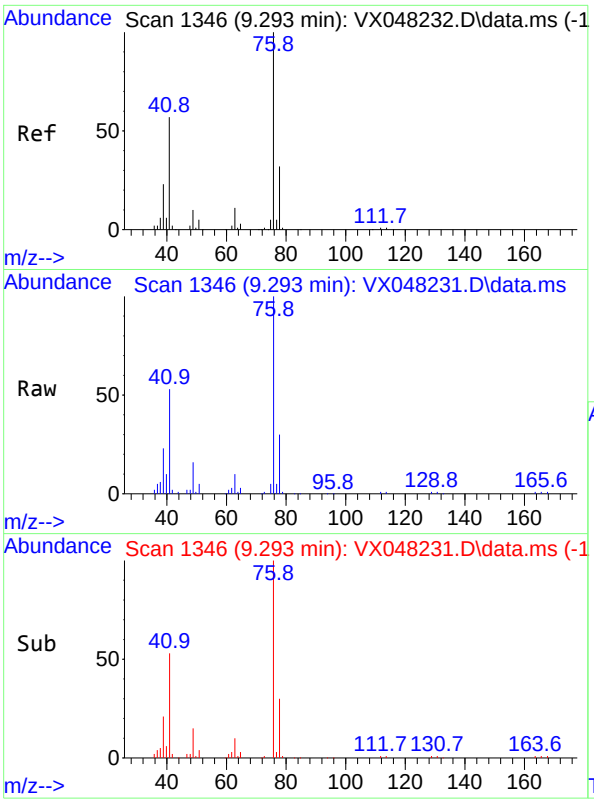




#56
Ethyl methacrylate
Concen: 22.021 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 69 Resp: 41809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.2 | 56.0 | 84.0 |
| 39 | 36.3 | 31.6 | 47.4 |



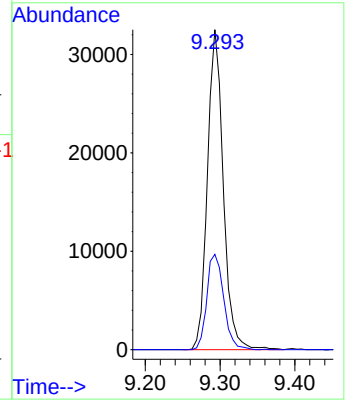


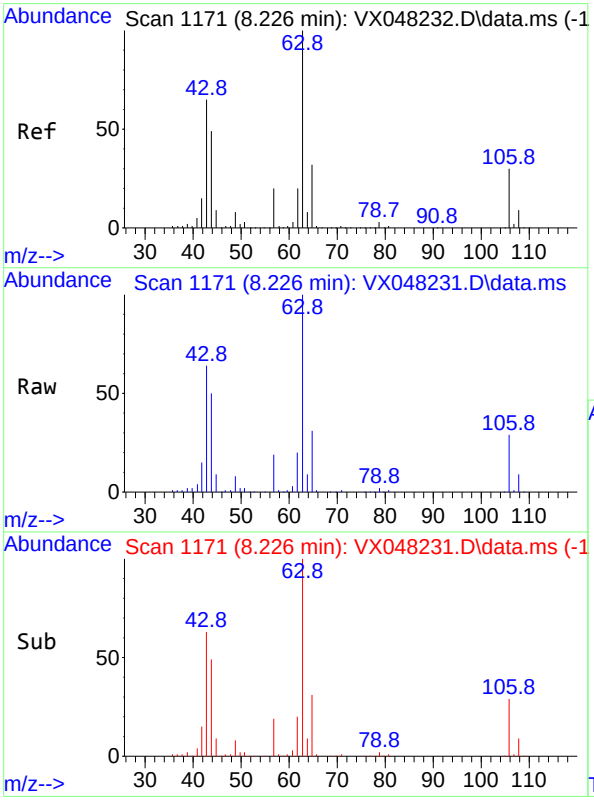

#57
1,3-Dichloropropane
Concen: 21.602 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 76 Resp: 47896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.7 | 25.4 | 38.0 |

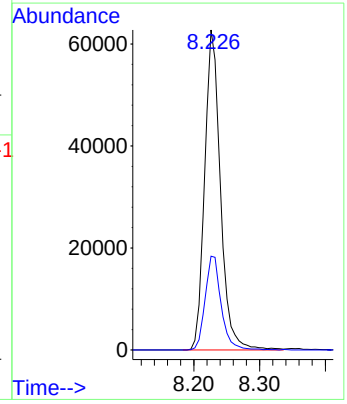


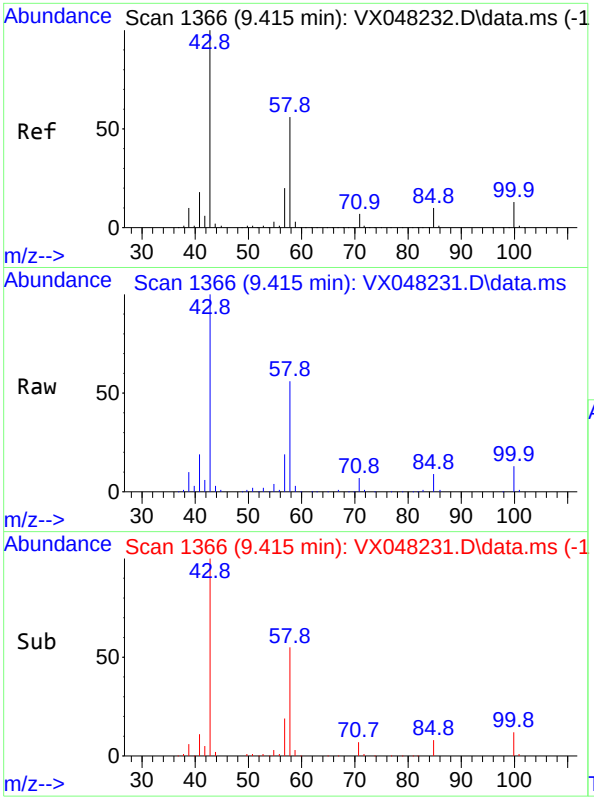




#58
2-Chloroethyl Vinyl ether
Concen: 103.739 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 104883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.7 | 22.2 | 33.2 |



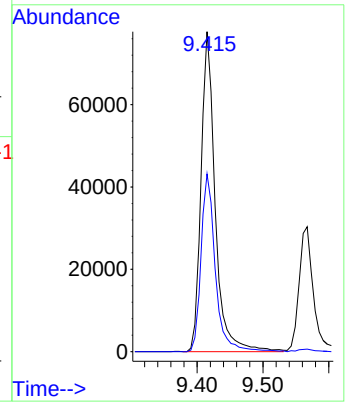


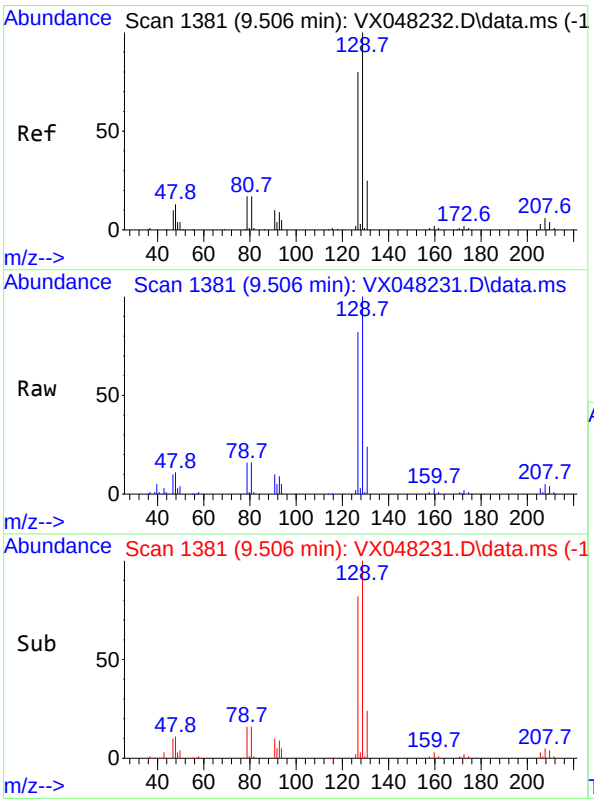

#59
2-Hexanone
Concen: 112.243 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 116268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.1 | 26.3 | 78.8 |

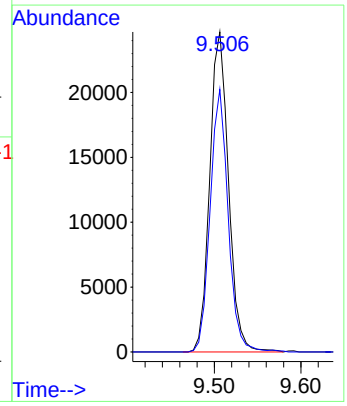


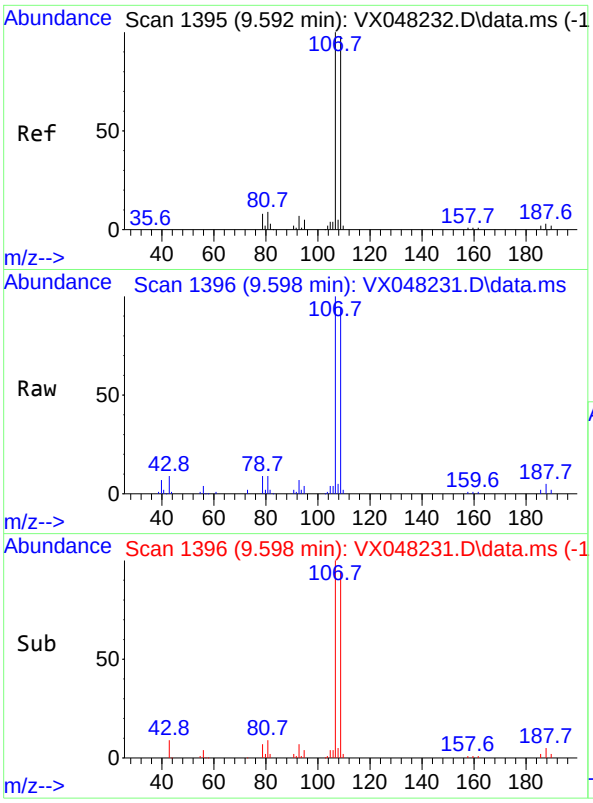




#60
Dibromochloromethane
Concen: 21.281 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:129 Resp: 37127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.9 | 38.6 | 115.7 |



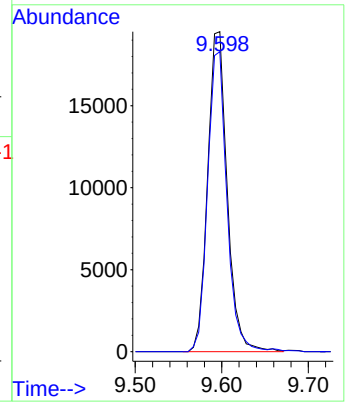


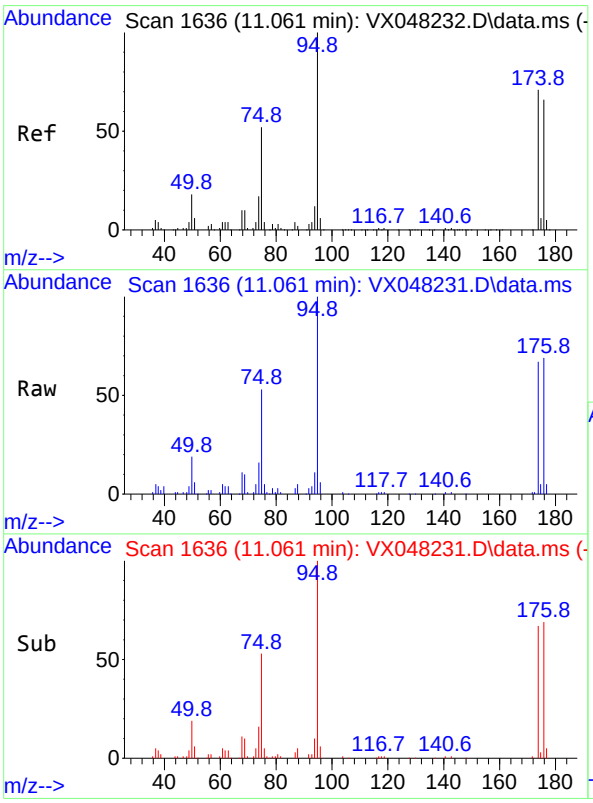

#61
1,2-Dibromoethane
Concen: 22.141 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:107 Resp: 30639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.2 | 77.0 | 115.4 |

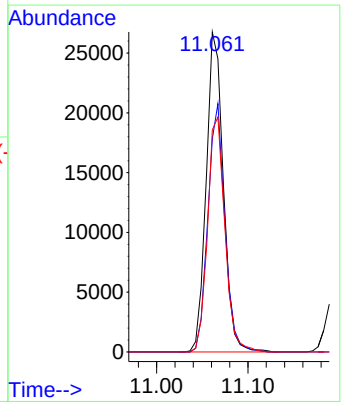


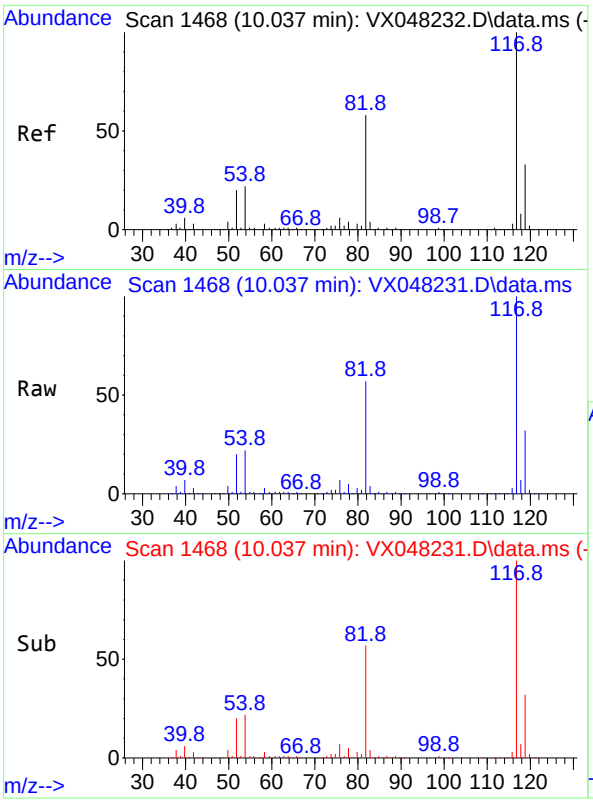




#62
4-Bromofluorobenzene
Concen: 19.558 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 95 Resp: 34724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.8 | 0.0 | 147.8 |
| 176 | 74.3 | 0.0 | 142.8 |



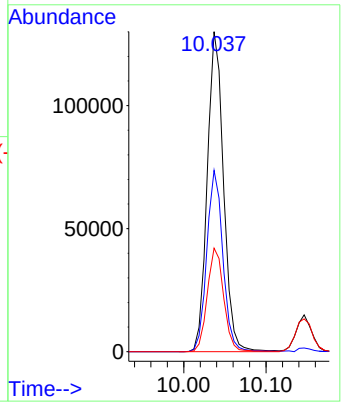


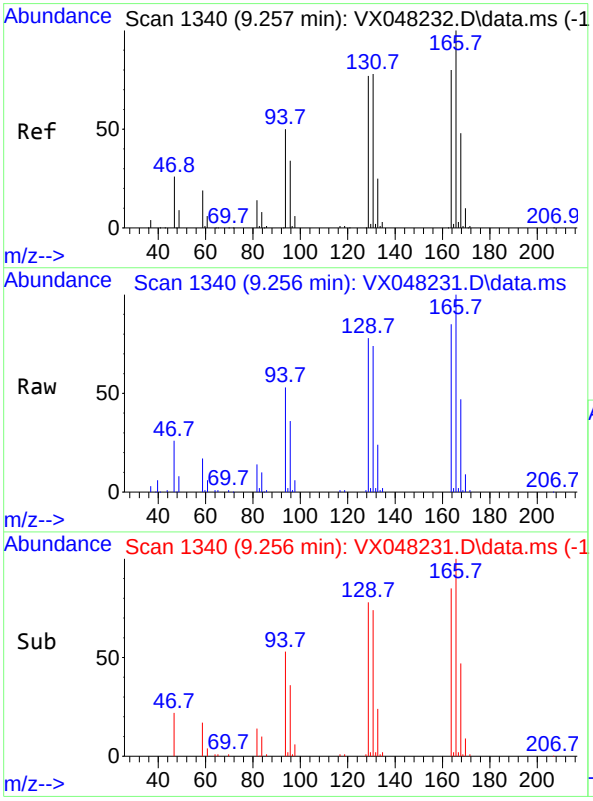

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:117 Resp: 178975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.6 | 46.5 | 69.7 |
| 119 | 32.4 | 25.9 | 38.9 |

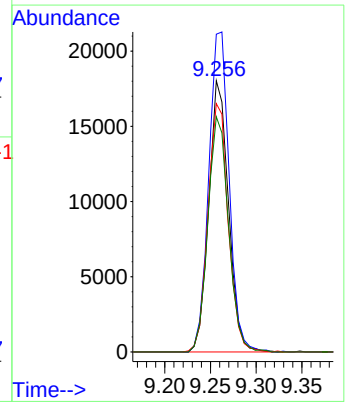


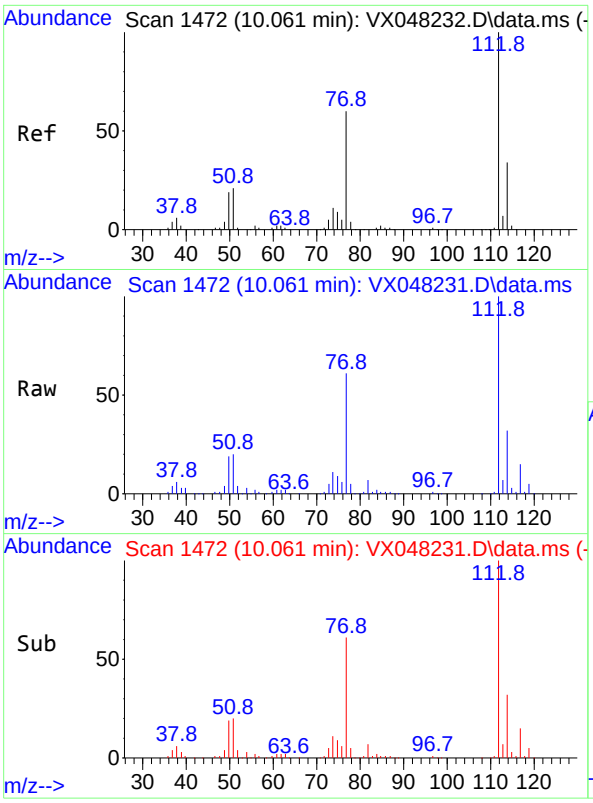




#64
Tetrachloroethene
Concen: 20.240 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:164 Resp: 27043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 117.2 | 104.5 | 156.7 |
| 129 | 91.6 | 81.8 | 122.6 |
| 131 | 86.7 | 77.0 | 115.6 |



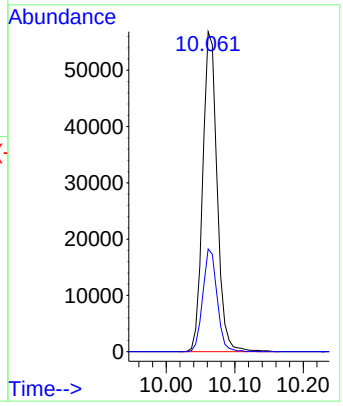


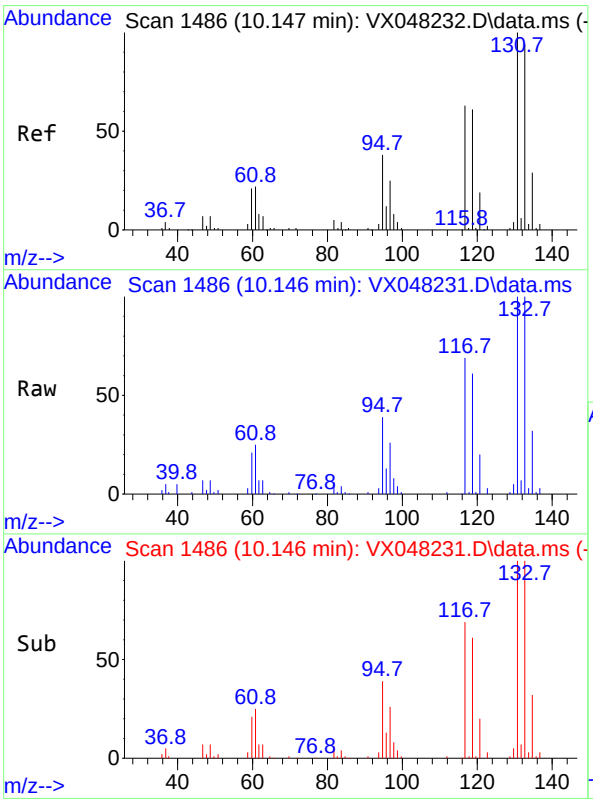

#65
Chlorobenzene
Concen: 20.617 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:112 Resp: 83004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 26.2 | 39.2 |

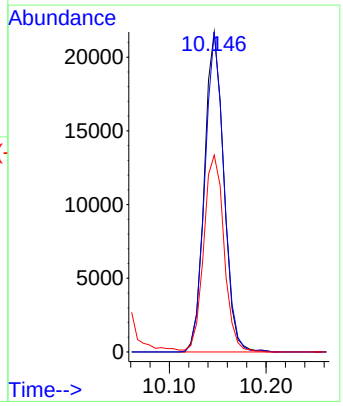


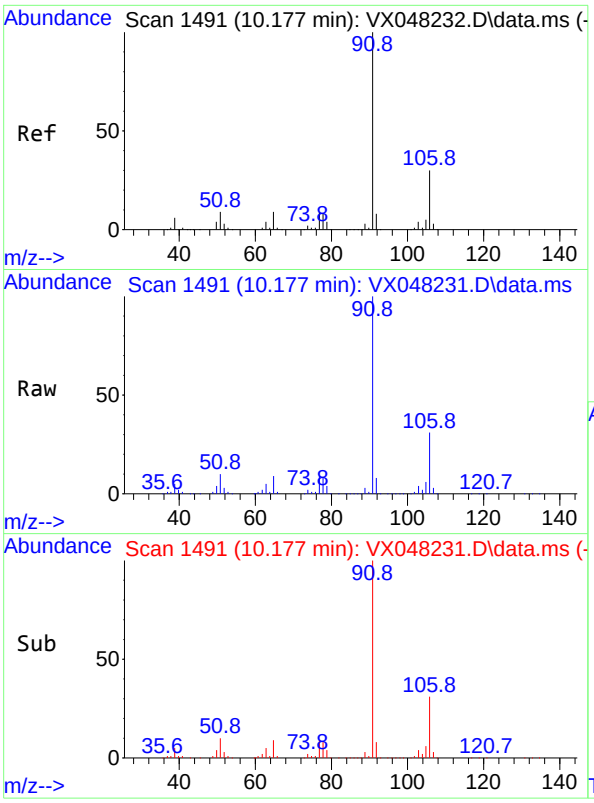




#66
1,1,1,2-Tetrachloroethane
Concen: 20.475 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:131 Resp: 30278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 98.2 | 47.6 | 142.8 |
| 119 | 64.5 | 32.5 | 97.5 |



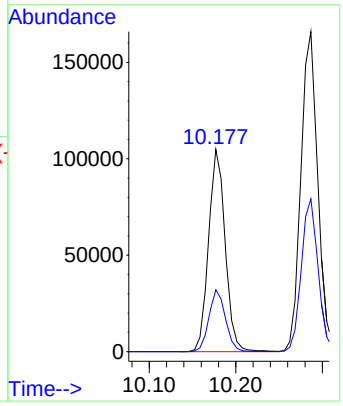


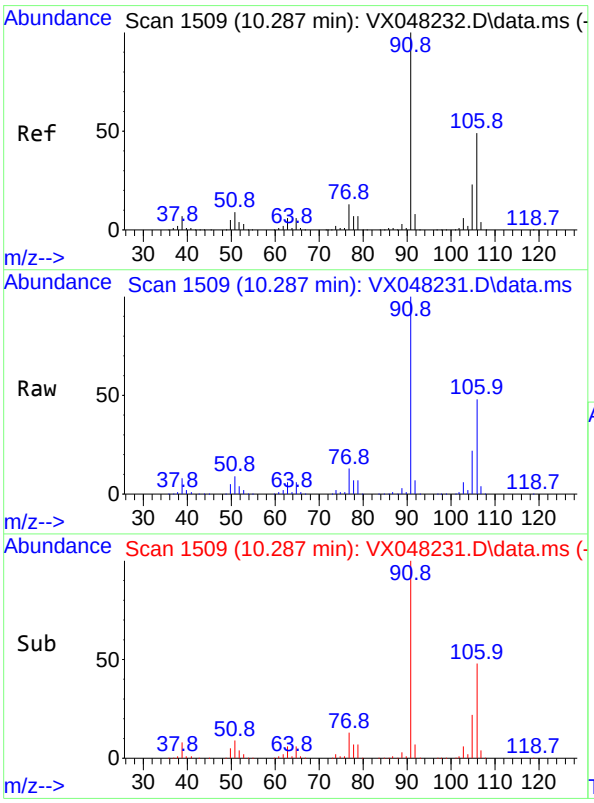

#67
Ethyl Benzene
Concen: 20.409 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 91 Resp: 139895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 23.8 | 35.6 |

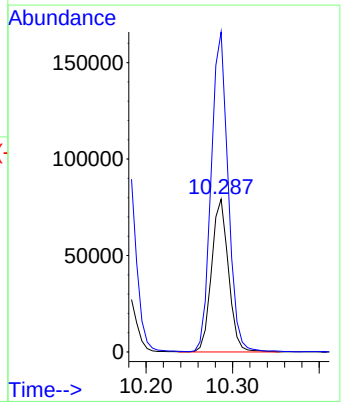


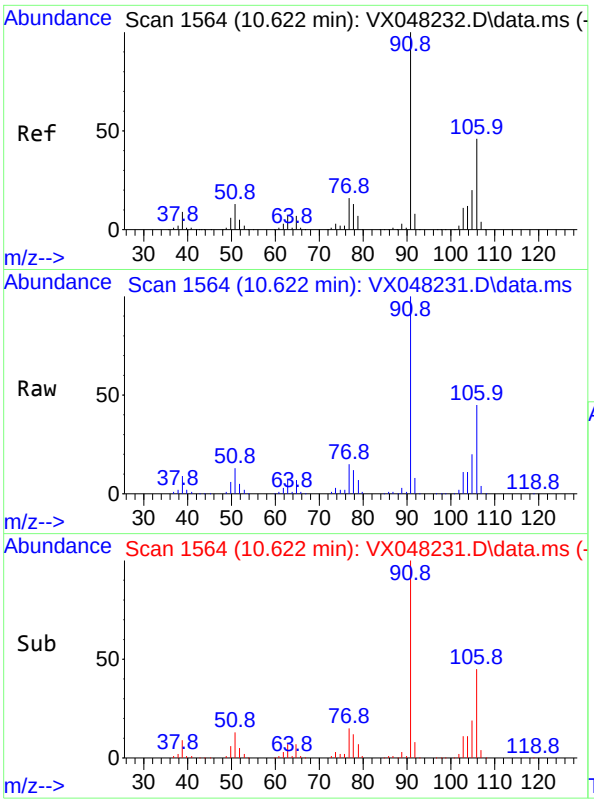




#68
m/p-Xylenes
Concen: 42.161 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:106 Resp: 107377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.9 | 167.9 | 251.9 |



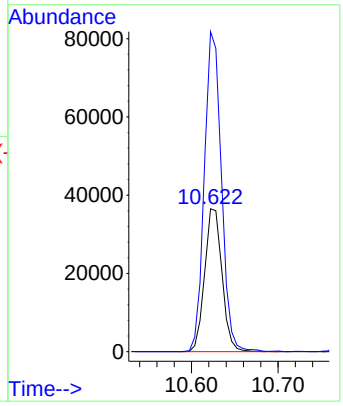


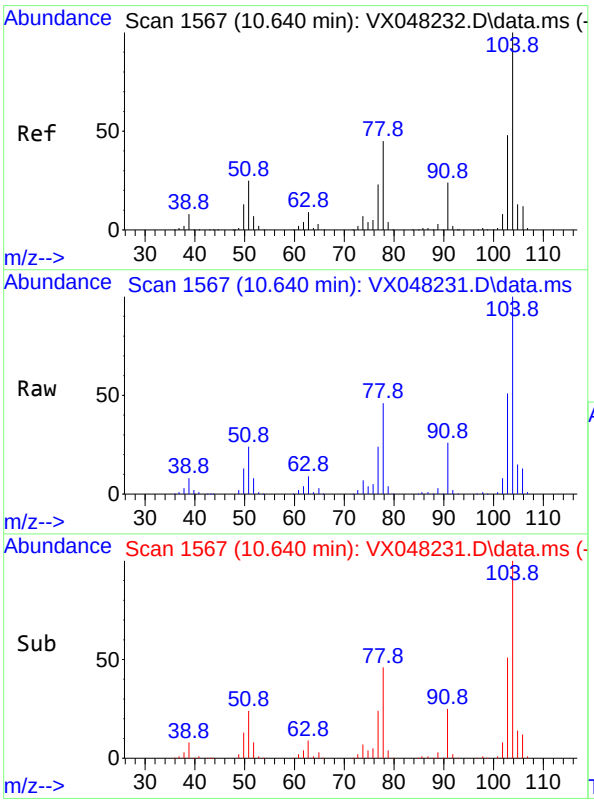

#69
o-Xylene
Concen: 20.721 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:106 Resp: 50950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 220.1 | 111.3 | 333.9 |

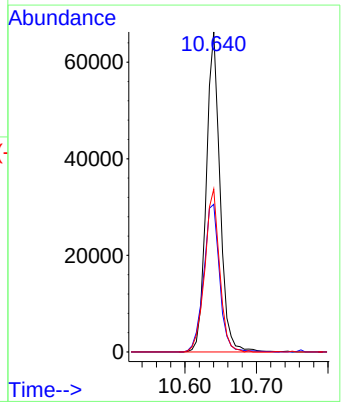


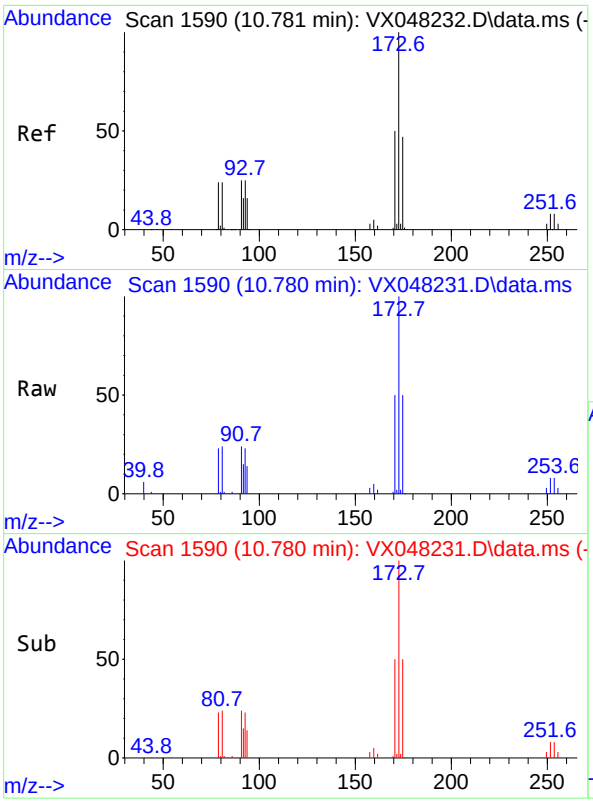




#70
Styrene
Concen: 21.134 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:104 Resp: 88481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.5 | 42.2 | 63.4 |
| 103 | 54.7 | 43.0 | 64.4 |



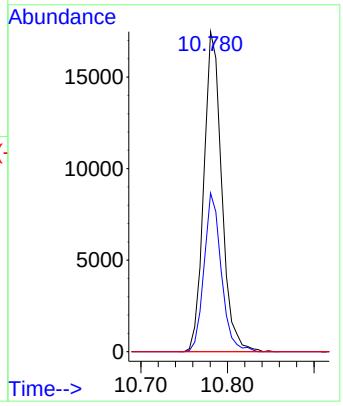


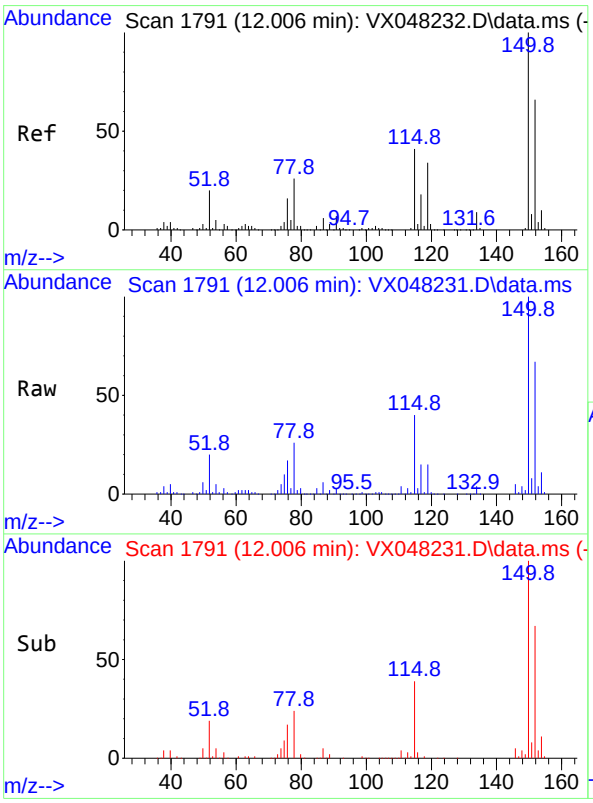

#71
Bromoform
Concen: 21.175 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:173 Resp: 25027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.8 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

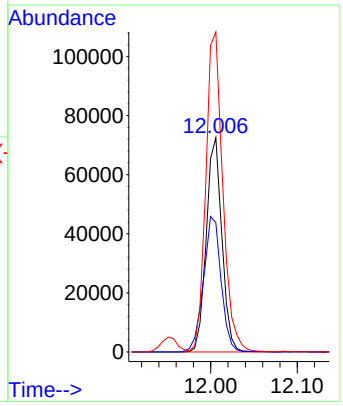


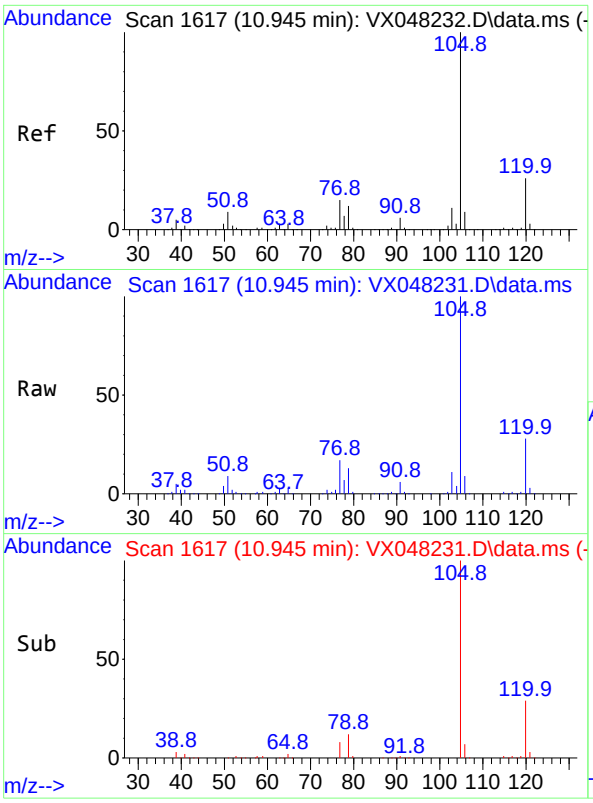




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:152 Resp: 90972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 71.1 | 43.1 | 129.4 |
| 150 | 161.6 | 0.0 | 353.0 |



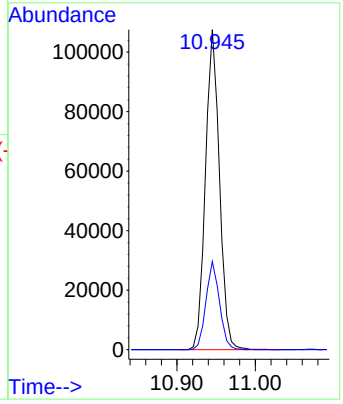


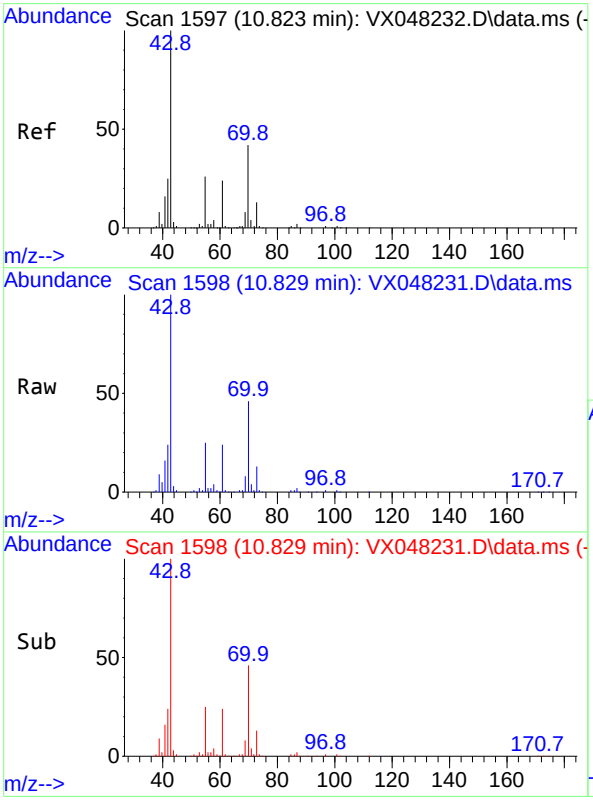

#73
Isopropylbenzene
Concen: 20.021 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:105 Resp: 133034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 13.0 | 38.9 |

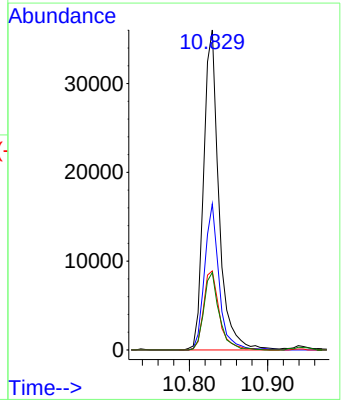


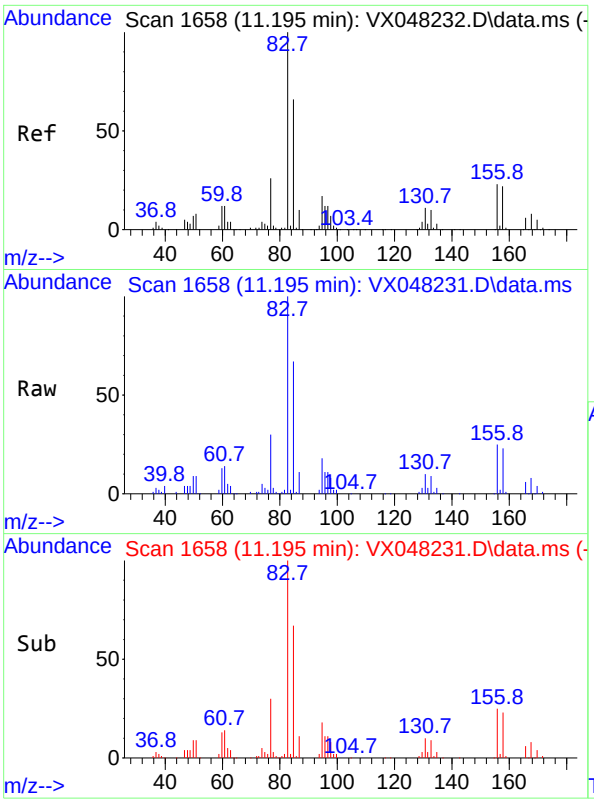




#74
N-amyl acetate
Concen: 20.674 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 48726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.4 | 32.2 | 48.2 |
| 55 | 25.5 | 19.1 | 28.7 |
| 61 | 24.3 | 18.6 | 28.0 |



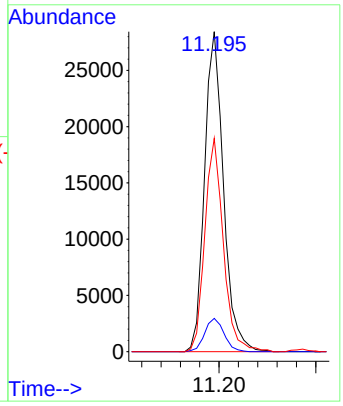


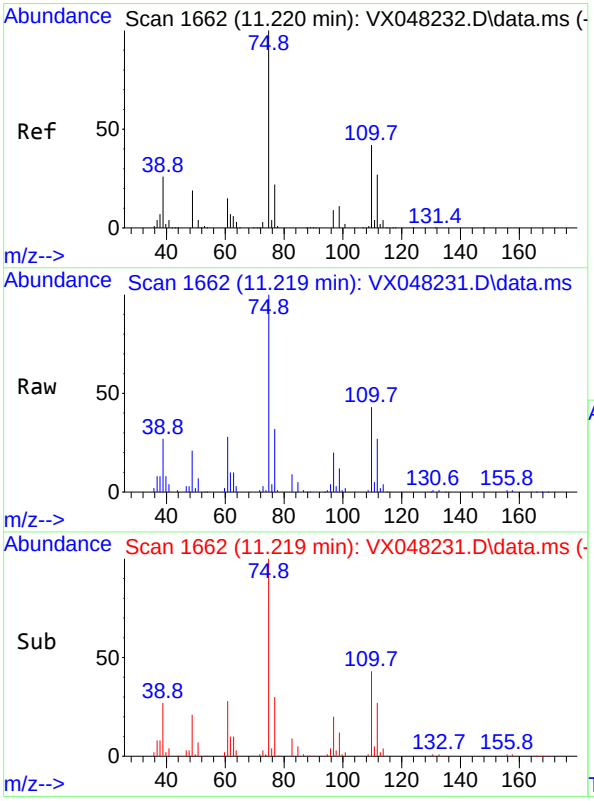

#75
1,1,2,2-Tetrachloroethane
Concen: 21.354 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 83 Resp: 38748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.6 | 4.8 | 14.4 |
| 85 | 65.2 | 31.9 | 95.7 |

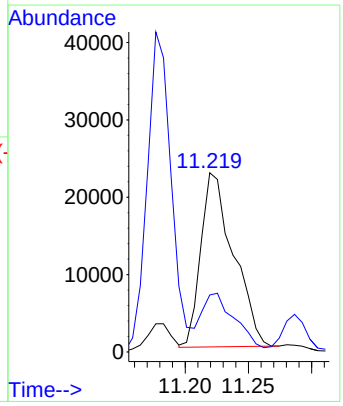


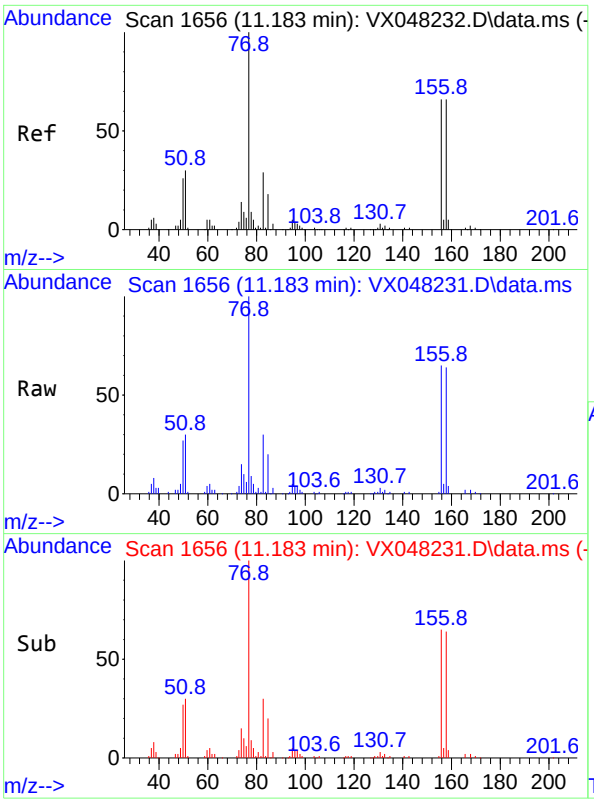




#76
1,2,3-Trichloropropane
Concen: 27.501 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 40571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.1 | 22.4 | 67.2 |



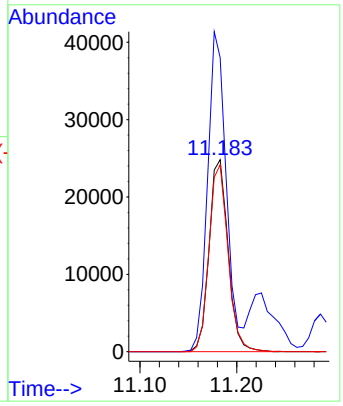


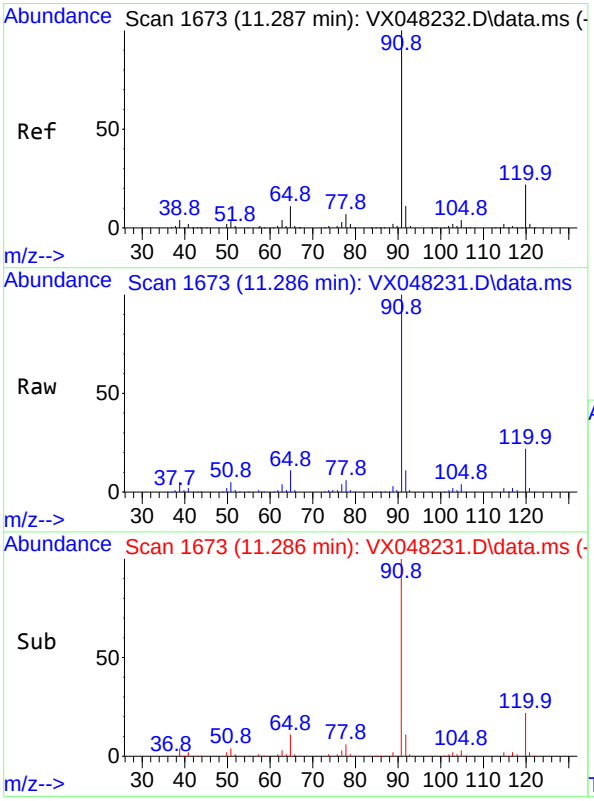

#77
Bromobenzene
Concen: 20.313 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:156 Resp: 33843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 164.0 | 87.0 | 261.0 |
| 158 | 97.7 | 47.8 | 143.4 |

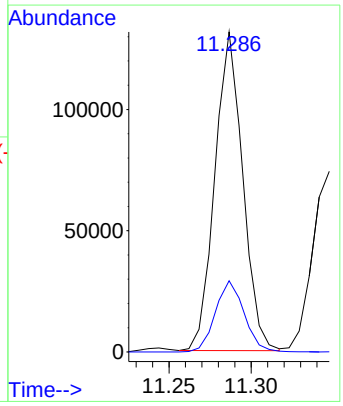


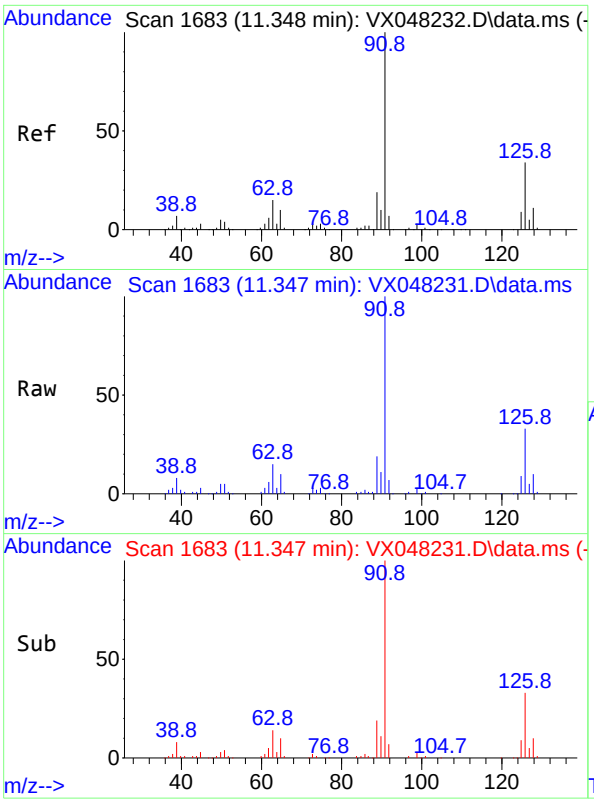




#78
n-propylbenzene
Concen: 20.126 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 154839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.1 | 11.1 | 33.1 |



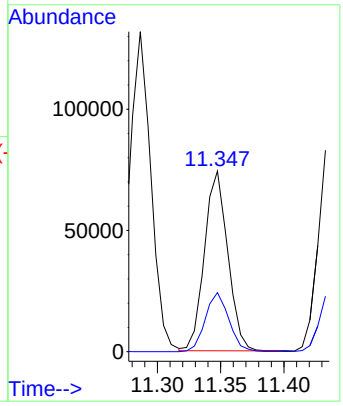


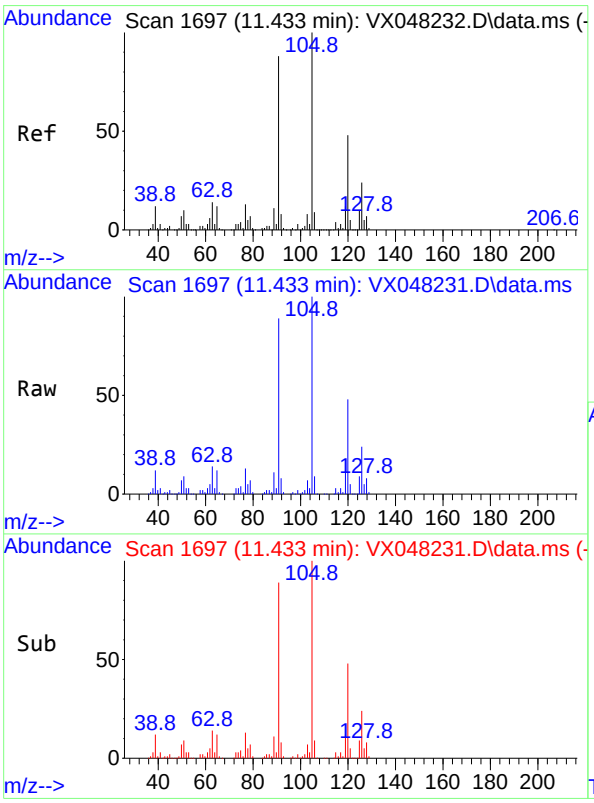

#79
2-Chlorotoluene
Concen: 20.401 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 91 Resp: 95156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.3 | 16.4 | 49.4 |

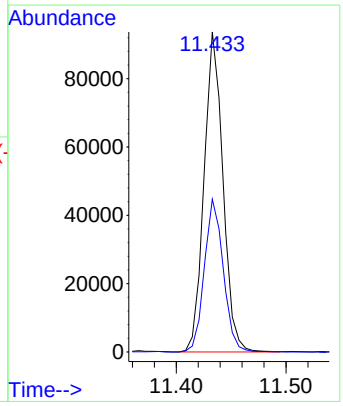


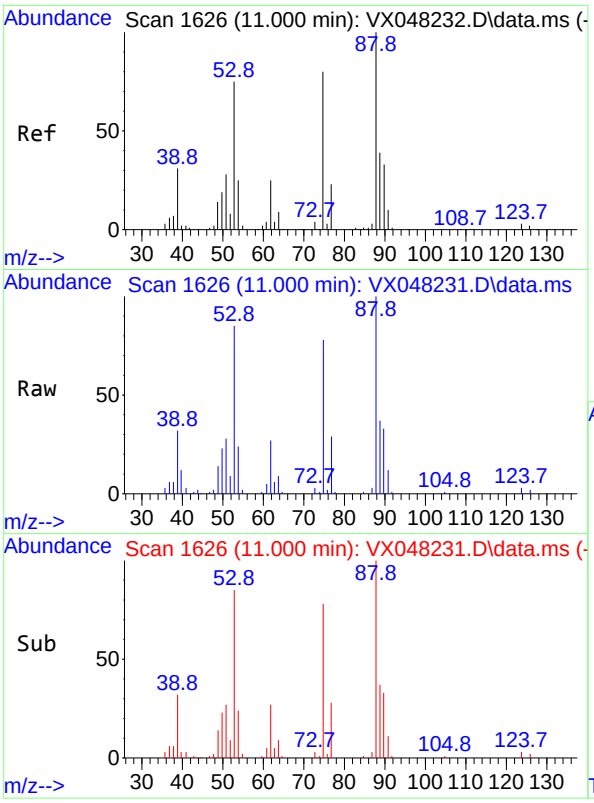




#80
1,3,5-Trimethylbenzene
Concen: 20.379 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 112057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.9 | 24.0 | 72.0 |



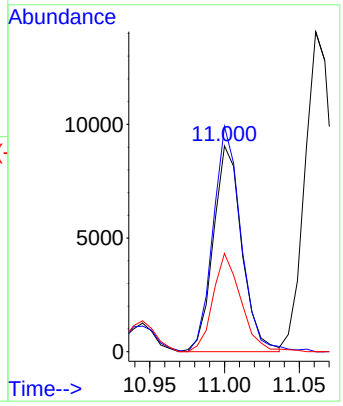


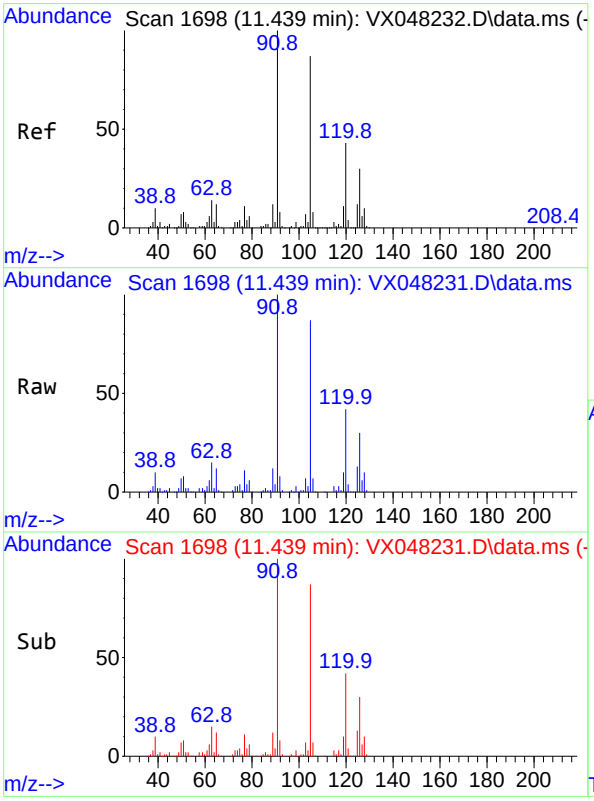

#81
trans-1,4-Dichloro-2-butene
Concen: 19.791 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 75 Resp: 12001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 107.3 | 79.5 | 119.3 |
| 89 | 46.9 | 36.8 | 55.2 |

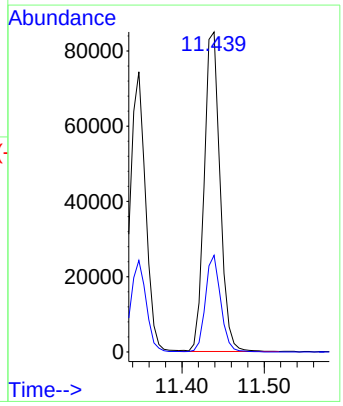


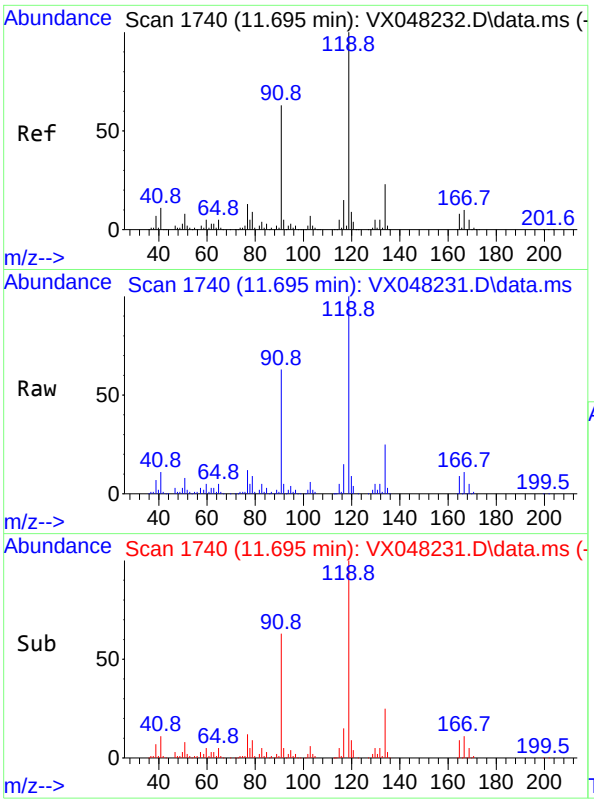




#82
4-Chlorotoluene
Concen: 20.498 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 113495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.3 | 14.1 | 42.4 |



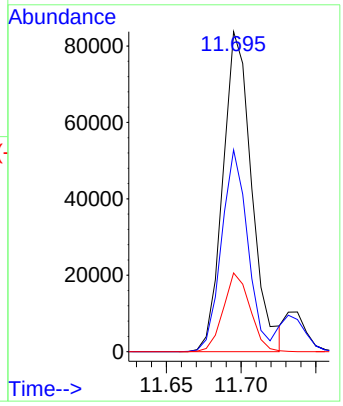


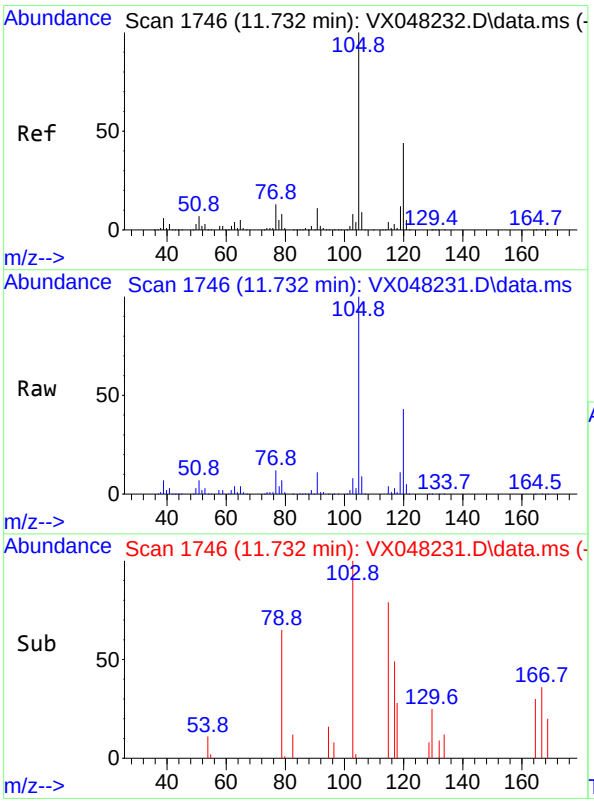

#83
tert-Butylbenzene
Concen: 19.878 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:119 Resp: 112305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.4 | 30.3 | 91.0 |
| 134 | 22.8 | 11.4 | 34.2 |

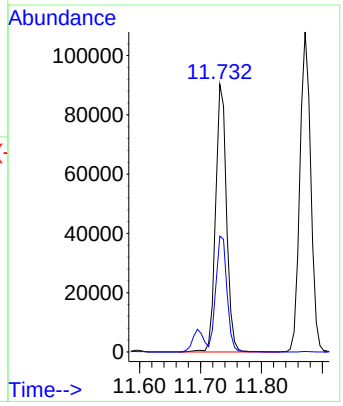


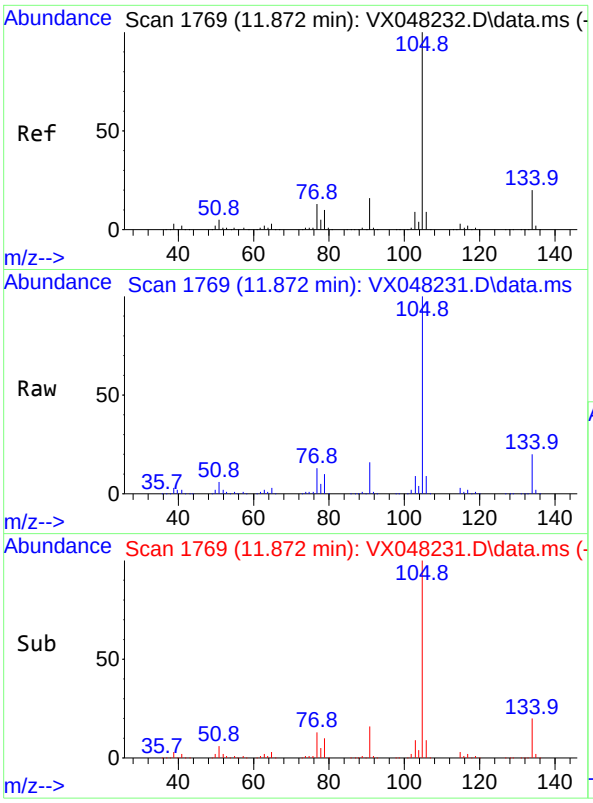




#84
1,2,4-Trimethylbenzene
Concen: 20.405 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 111976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.2 | 22.1 | 66.5 |



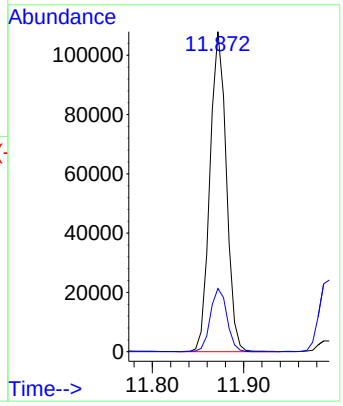


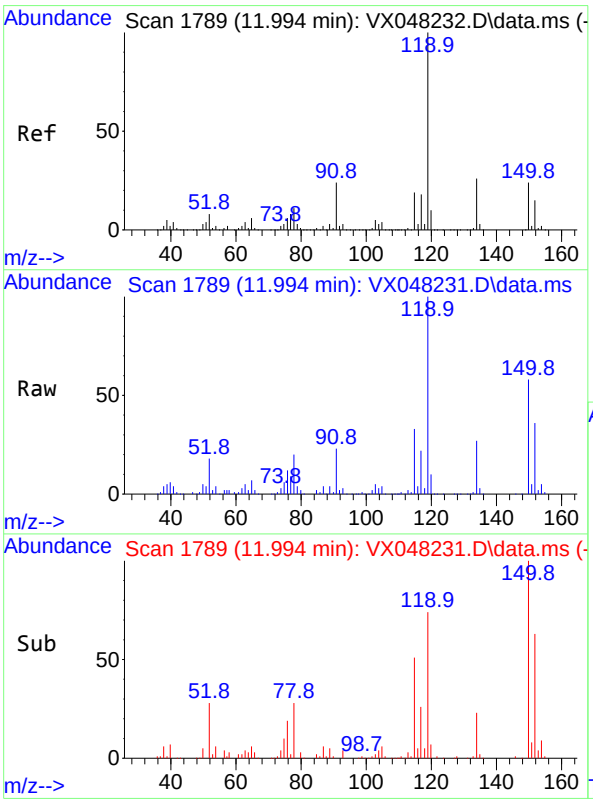

#85
sec-Butylbenzene
Concen: 19.716 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:105 Resp: 134014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.0 | 10.1 | 30.1 |

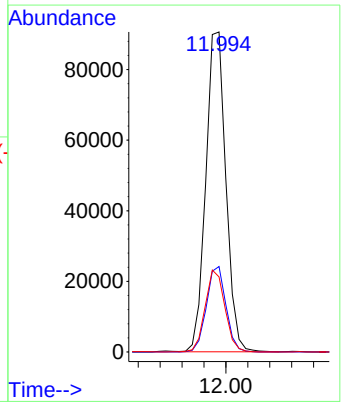


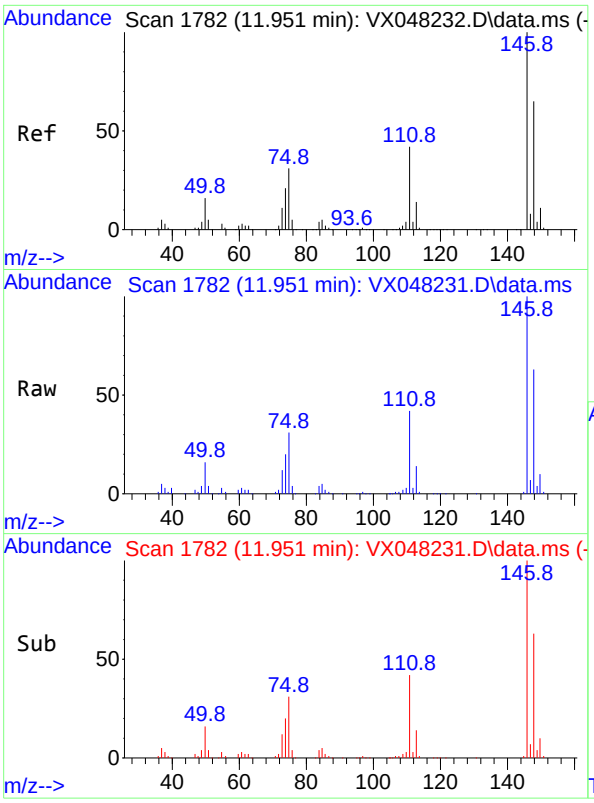




#86
p-Isopropyltoluene
Concen: 19.568 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:119 Resp: 114969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.0 | 13.0 | 39.0 |
| 91 | 25.1 | 12.1 | 36.3 |



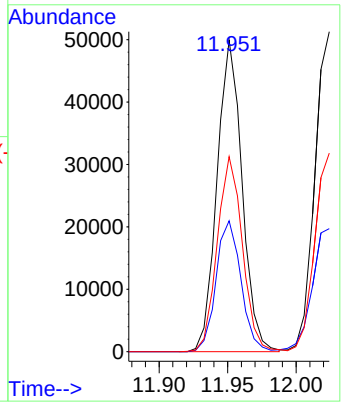


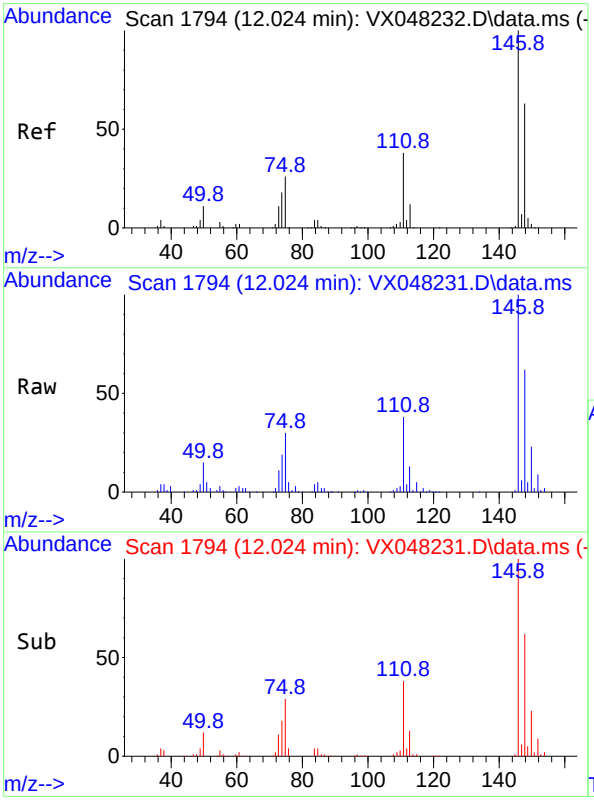

#87
1,3-Dichlorobenzene
Concen: 20.178 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:146 Resp: 63377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.8 | 20.4 | 61.2 |
| 148 | 63.1 | 31.9 | 95.9 |

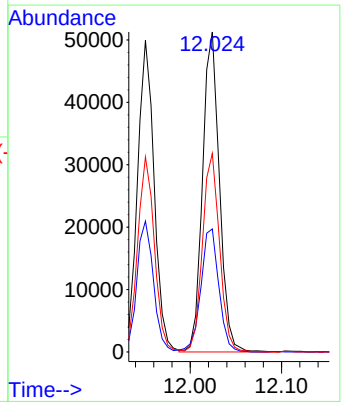


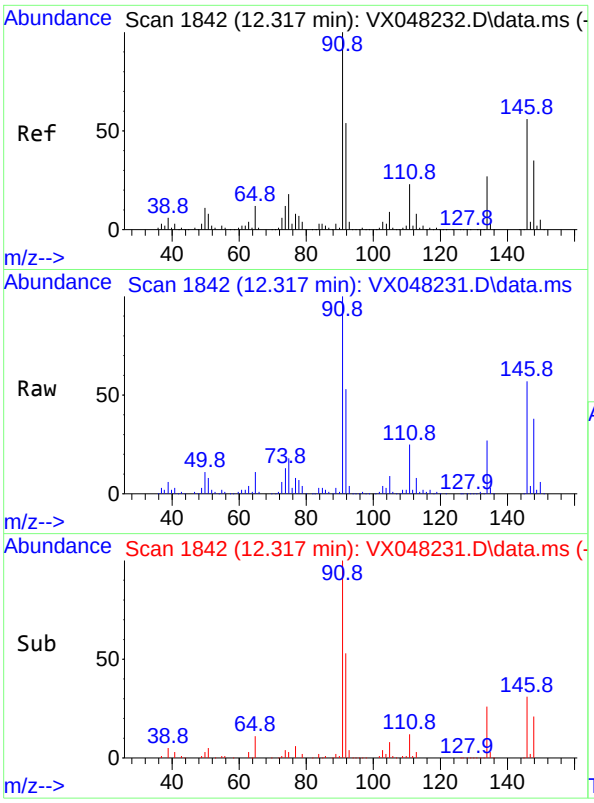




#88
1,4-Dichlorobenzene
Concen: 20.165 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:146 Resp: 65612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.3 | 20.1 | 60.2 |
| 148 | 62.6 | 31.8 | 95.3 |



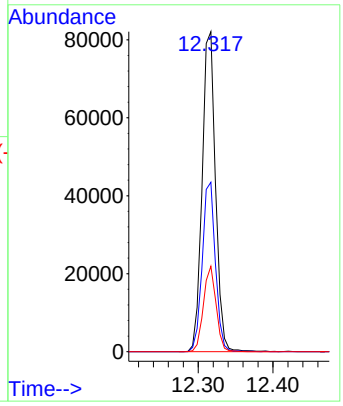


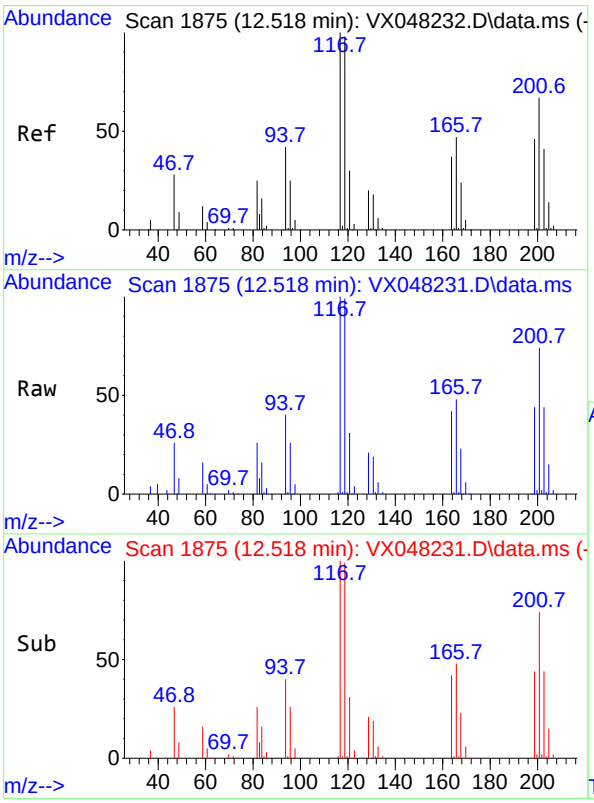

#89
n-Butylbenzene
Concen: 19.100 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion: 91 Resp: 102140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.3 | 26.9 | 80.6 |
| 134 | 25.2 | 12.7 | 38.1 |

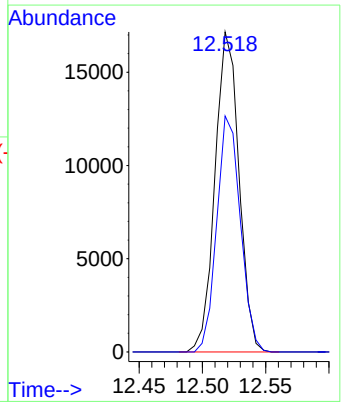


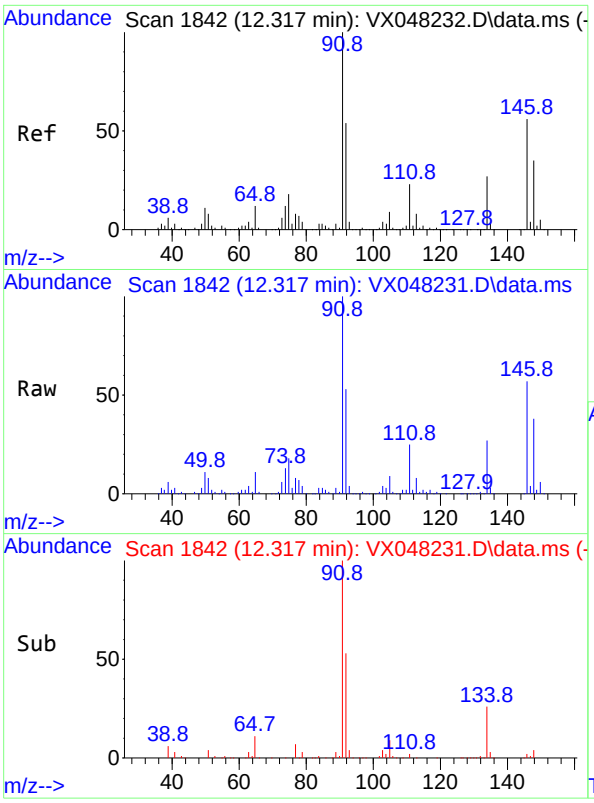




#90
Hexachloroethane
Concen: 19.487 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 22609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 72.6 | 34.1 | 102.2 |



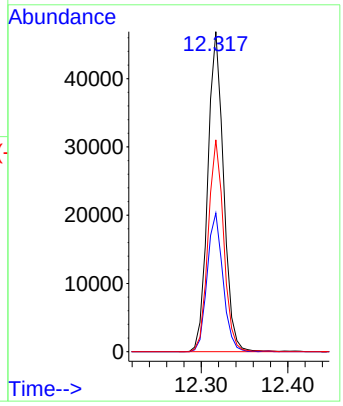


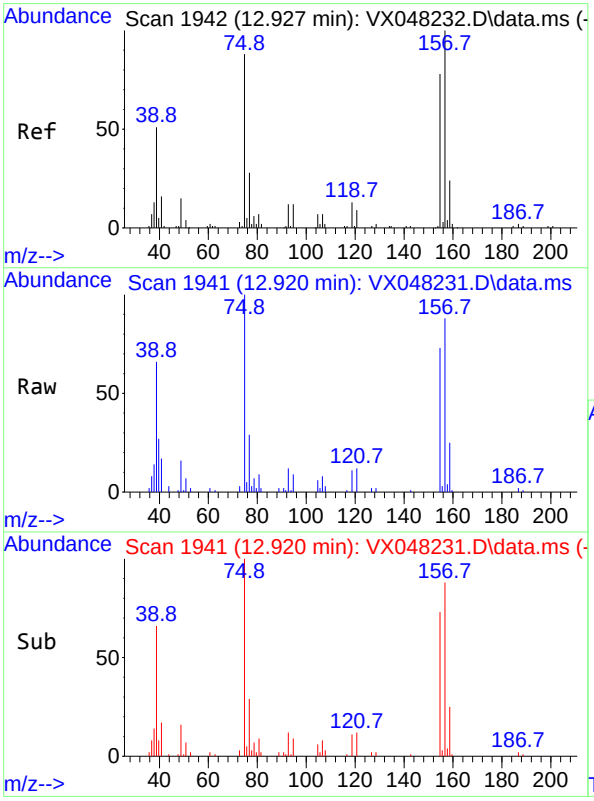

#91
1,2-Dichlorobenzene
Concen: 20.125 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:146 Resp: 59345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.2 | 21.9 | 65.5 |
| 148 | 64.9 | 31.9 | 95.5 |

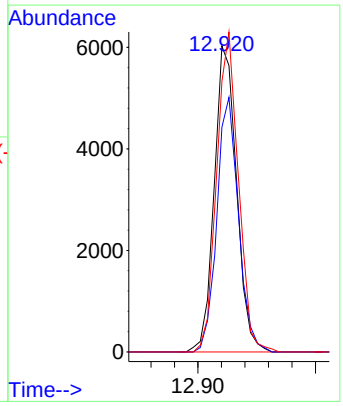


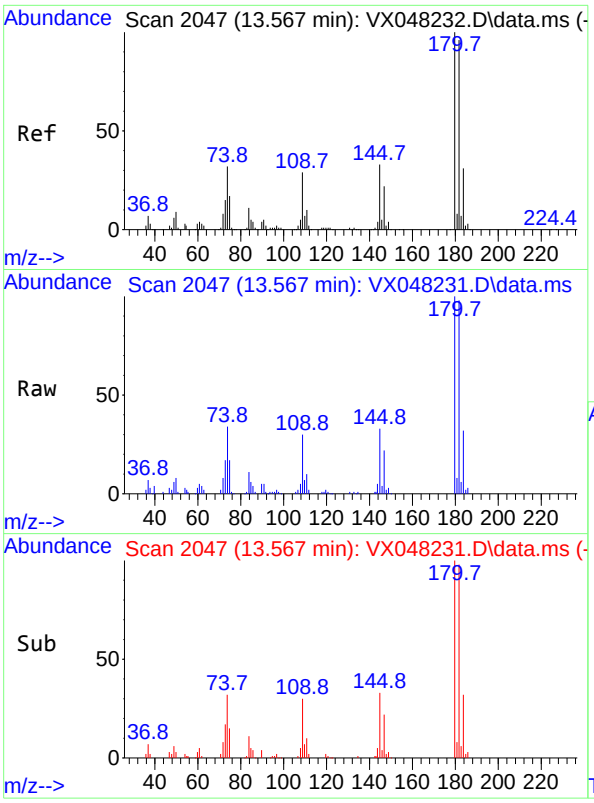




#92
1,2-Dibromo-3-Chloropropane
Concen: 21.674 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 7983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 80.3 | 42.8 | 128.4 |
| 157 | 101.4 | 54.2 | 162.6 |



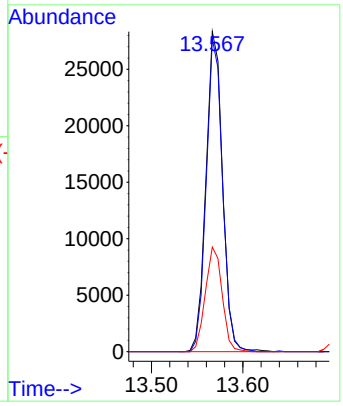


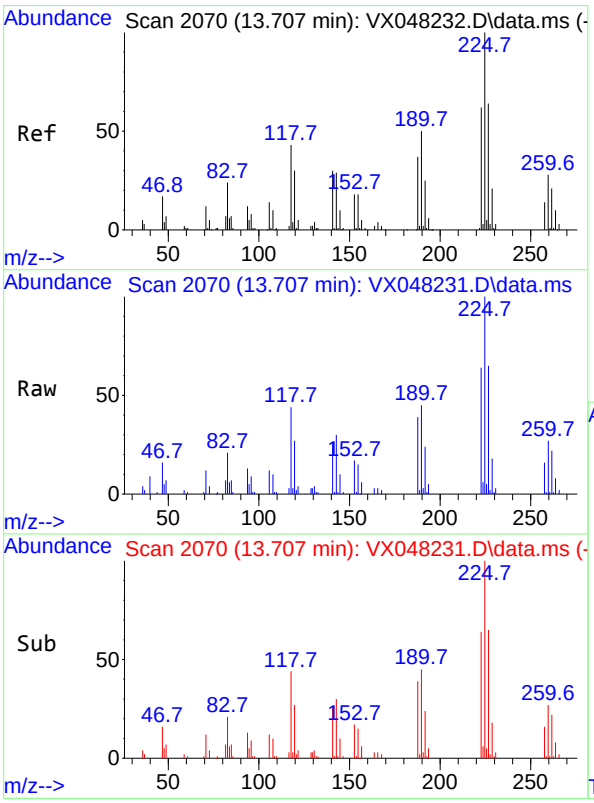

#93
1,2,4-Trichlorobenzene
Concen: 17.784 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:180 Resp: 35465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 47.3 | 142.0 |
| 145 | 33.2 | 16.3 | 48.9 |

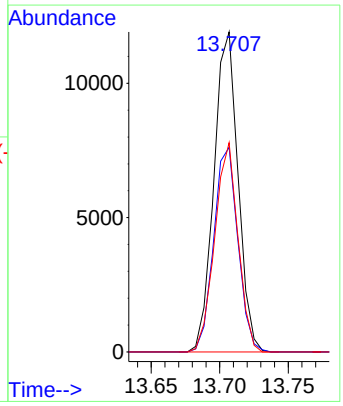


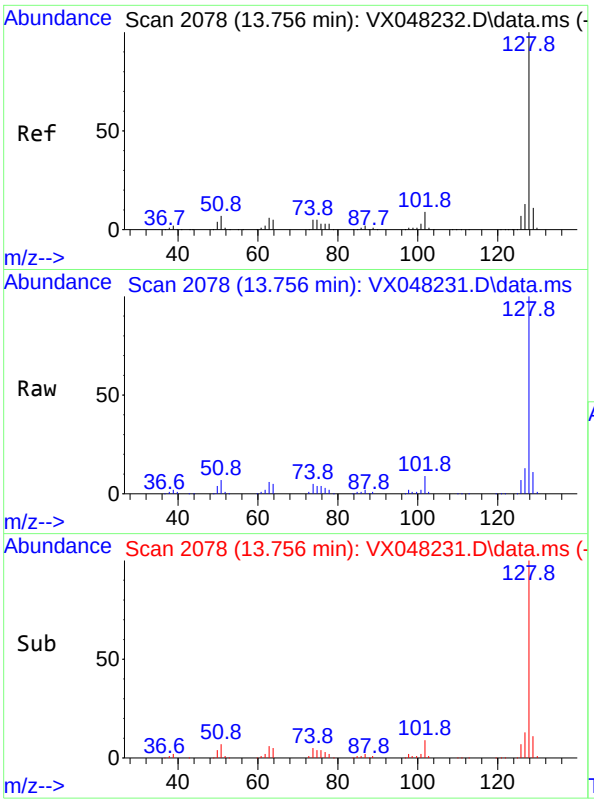




#94
Hexachlorobutadiene
Concen: 19.483 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:225 Resp: 14529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.3 | 32.6 | 97.7 |
| 227 | 63.2 | 32.5 | 97.4 |



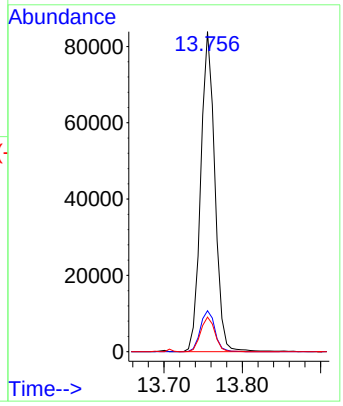


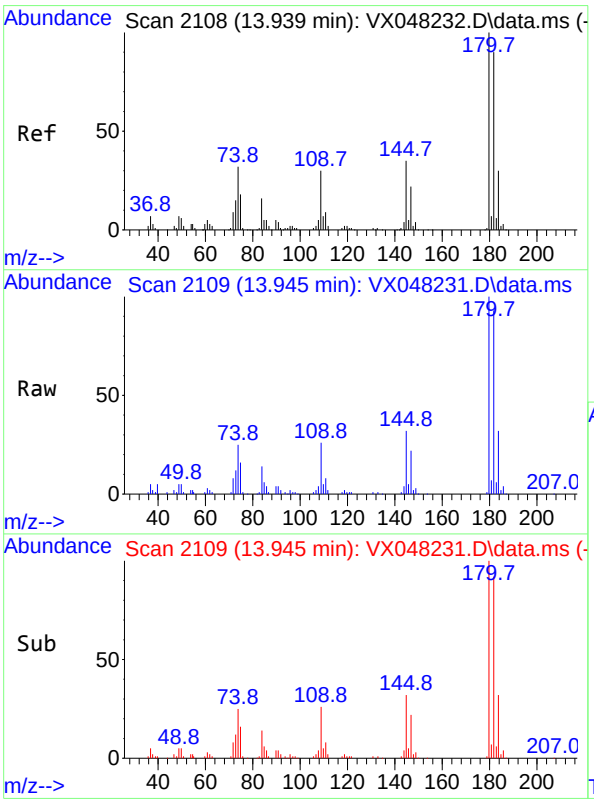

#95
Naphthalene
Concen: 19.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC020

Tgt Ion:128 Resp: 104803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.2 | 15.4 |
| 129 | 11.0 | 8.6 | 12.8 |

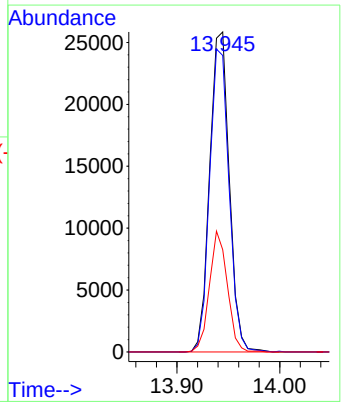



#96
1,2,3-Trichlorobenzene
Concen: 18.730 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:180 Resp: 34276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 46.6 | 139.7 |
| 145 | 34.6 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 124491 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.751 | 114 | 201906 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 184494 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 92693 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 84951 | 48.670 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 97.340% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 66593 | 48.312 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 96.620% | | | |
| 50) Toluene-d8 | 8.635 | 98 | 239295 | 49.529 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.060% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 89579 | 48.737 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 97.480% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 60172 | 47.017 | ug/l | 98 |
| 3) Chloromethane | 1.301 | 50 | 55934 | 46.824 | ug/l | 100 |
| 4) Vinyl Chloride | 1.380 | 62 | 51819 | 46.845 | ug/l | 99 |
| 5) Bromomethane | 1.618 | 94 | 35101 | 46.757 | ug/l | 98 |
| 6) Chloroethane | 1.697 | 64 | 30718 | 47.258 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 100423 | 47.336 | ug/l | 99 |
| 8) Diethyl Ether | 2.136 | 74 | 27723 | 46.442 | ug/l | 87 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 62391 | 46.442 | ug/l | 95 |
| 10) Methyl Iodide | 2.459 | 142 | 82552 | 48.881 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.947 | 59 | 38534 | 222.353 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 60330 | 46.160 | ug/l | 94 |
| 13) Acrolein | 2.239 | 56 | 40536 | 229.343 | ug/l | 100 |
| 14) Allyl chloride | 2.666 | 41 | 100234 | 46.192 | ug/l | 97 |
| 15) Acrylonitrile | 3.056 | 53 | 149009 | 238.450 | ug/l | 100 |
| 16) Acetone | 2.374 | 43 | 126003 | 210.429 | ug/l | 100 |
| 17) Carbon Disulfide | 2.514 | 76 | 179492 | 43.575 | ug/l | 99 |
| 18) Methyl Acetate | 2.703 | 43 | 58071 | 46.437 | ug/l | 91 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 212092 | 47.567 | ug/l | 96 |
| 20) Methylene Chloride | 2.788 | 84 | 68663 | 47.061 | ug/l | 94 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 66608 | 46.395 | ug/l | 96 |
| 22) Diisopropyl ether | 3.757 | 45 | 206901 | 47.805 | ug/l | 91 |
| 23) Vinyl Acetate | 3.715 | 43 | 839370 | 242.786 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.611 | 63 | 121657 | 46.487 | ug/l | 99 |
| 25) 2-Butanone | 4.544 | 43 | 175075 | 230.996 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 4.471 | 77 | 109062 | 46.171 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 77911 | 46.500 | ug/l | 98 |
| 28) Bromochloromethane | 4.885 | 49 | 54919 | 50.611 | ug/l | 85 |
| 29) Tetrahydrofuran | 4.989 | 42 | 106381 | 234.362 | ug/l | 93 |
| 30) Chloroform | 5.087 | 83 | 130274 | 46.594 | ug/l | 96 |
| 31) Cyclohexane | 5.465 | 56 | 102251 | 47.194 | ug/l | 92 |
| 32) 1,1,1-Trichloroethane | 5.373 | 97 | 121090 | 46.992 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 87493 | 44.659 | ug/l | 98 |
| 37) Ethyl Acetate | 4.702 | 43 | 74261 | 45.730 | ug/l | 97 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 111708 | 46.216 | ug/l | 98 |
| 39) Methylcyclohexane | 7.367 | 83 | 109077 | 47.143 | ug/l | 94 |
| 40) Benzene | 6.025 | 78 | 262745 | 46.192 | ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.904 | 41 | 41293 | 48.421 | ug/l | | 96 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 100937 | 48.090 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.324 | 43 | 128290 | 48.095 | ug/l | | 96 |
| 44) Trichloroethene | 7.111 | 130 | 70313 | 46.815 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 64895 | 47.986 | ug/l | | 99 |
| 46) Dibromomethane | 7.568 | 93 | 49874 | 47.337 | ug/l | | 94 |
| 47) Bromodichloromethane | 7.806 | 83 | 108671 | 47.770 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.678 | 41 | 65057 | 48.334 | ug/l | | 94 |
| 49) 1,4-Dioxane | 7.647 | 88 | 17905 | 1006.888 | ug/l | | 90 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 380665 | 247.515 | ug/l | | 95 |
| 52) Toluene | 8.702 | 92 | 173942 | 48.136 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 109960 | 50.159 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 115534 | 48.847 | ug/l | | 93 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 64737 | 48.174 | ug/l | | 96 |
| 56) Ethyl methacrylate | 9.104 | 69 | 98851 | 50.292 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 110709 | 48.231 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 262387 | 248.279 | ug/l | | 95 |
| 59) 2-Hexanone | 9.415 | 43 | 269143 | 250.974 | ug/l | | 96 |
| 60) Dibromochloromethane | 9.506 | 129 | 85760 | 47.482 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 69022 | 48.180 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.257 | 164 | 60510 | 43.934 | ug/l | | 96 |
| 65) Chlorobenzene | 10.061 | 112 | 192841 | 46.465 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 71930 | 47.187 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 336660 | 47.645 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 253662 | 96.619 | ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 122582 | 48.363 | ug/l | | 98 |
| 70) Styrene | 10.640 | 104 | 210861 | 48.857 | ug/l | | 100 |
| 71) Bromoform | 10.781 | 173 | 56874 | 46.682 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.945 | 105 | 317974 | 46.966 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 115683 | 48.171 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 87705 | 47.437 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 99387 | 66.118 | ug/l | | 79 |
| 77) Bromobenzene | 11.183 | 156 | 79543 | 46.856 | ug/l | | 94 |
| 78) n-propylbenzene | 11.287 | 91 | 372312 | 47.496 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 222217 | 46.757 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 265174 | 47.329 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 29295 | 47.415 | ug/l | | 98 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 267236 | 47.367 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 270202 | 46.938 | ug/l | | 96 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 265485 | 47.480 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 322219 | 46.524 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 276821 | 46.242 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 143699 | 44.902 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 146196 | 44.097 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.317 | 91 | 243063 | 44.609 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 52735 | 44.609 | ug/l | | 96 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 138489 | 46.091 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.927 | 75 | 18059 | 48.120 | ug/l | | 99 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 88920 | 43.761 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 34615 | 45.467 | ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 257281 | 47.792 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 84279 | 45.200 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

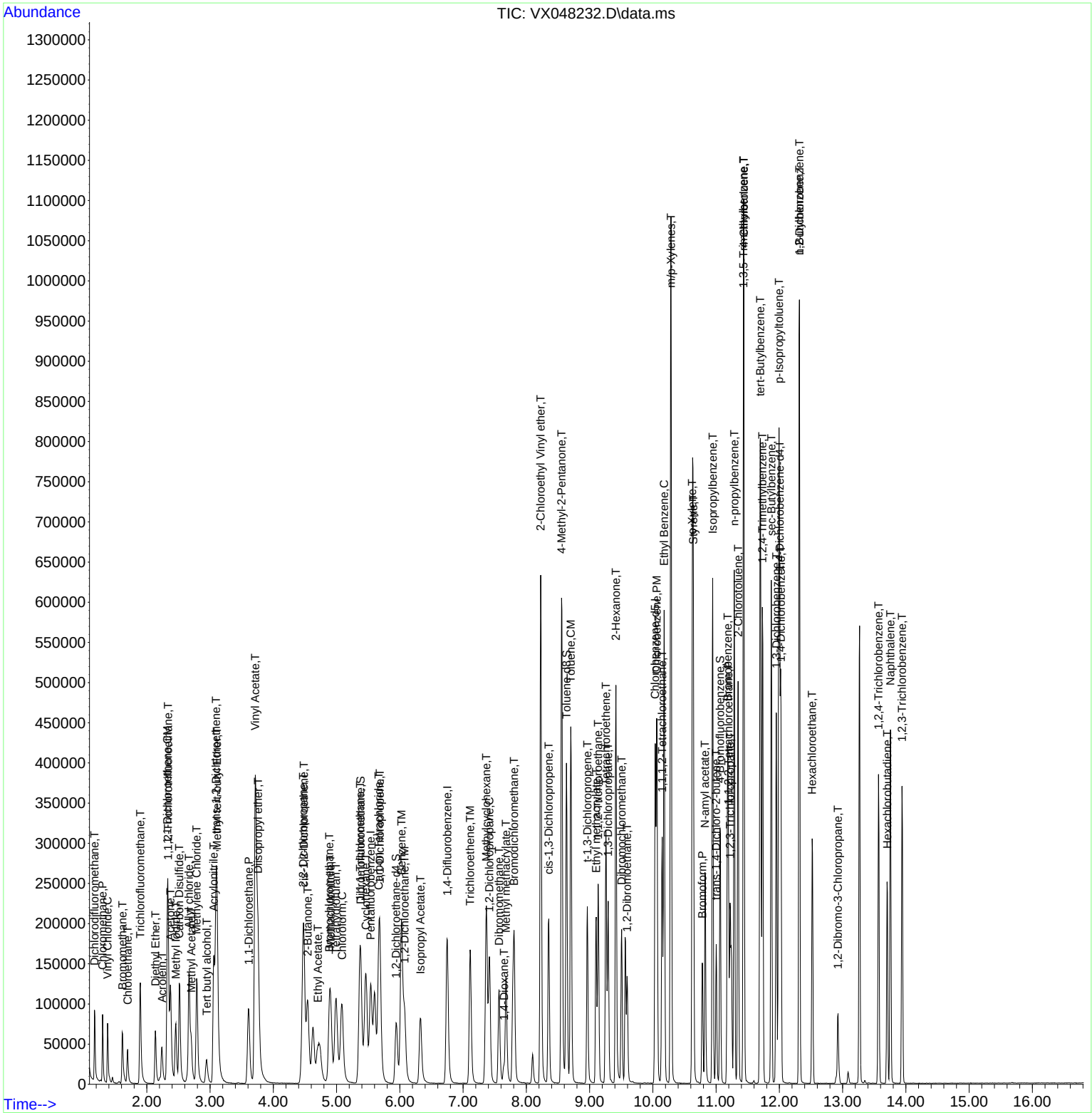
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

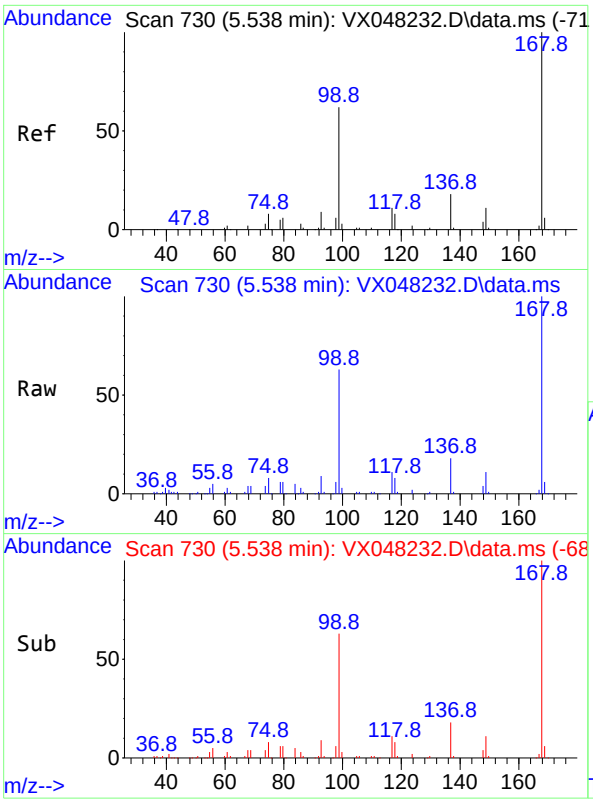
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



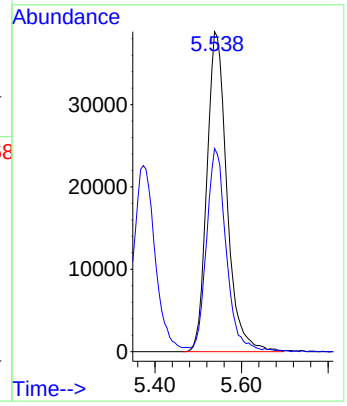


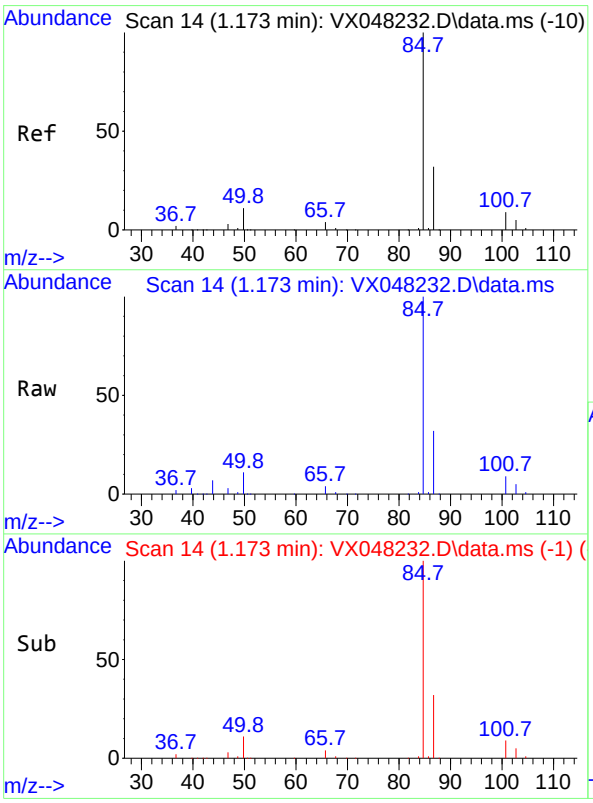

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:168 Resp: 124491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.3 | 46.4 | 69.6 |

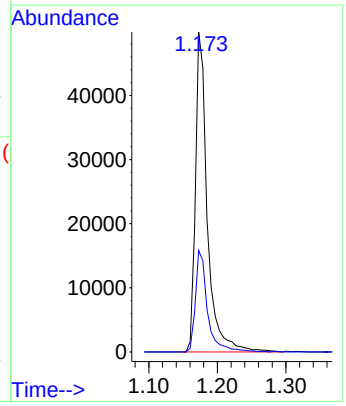


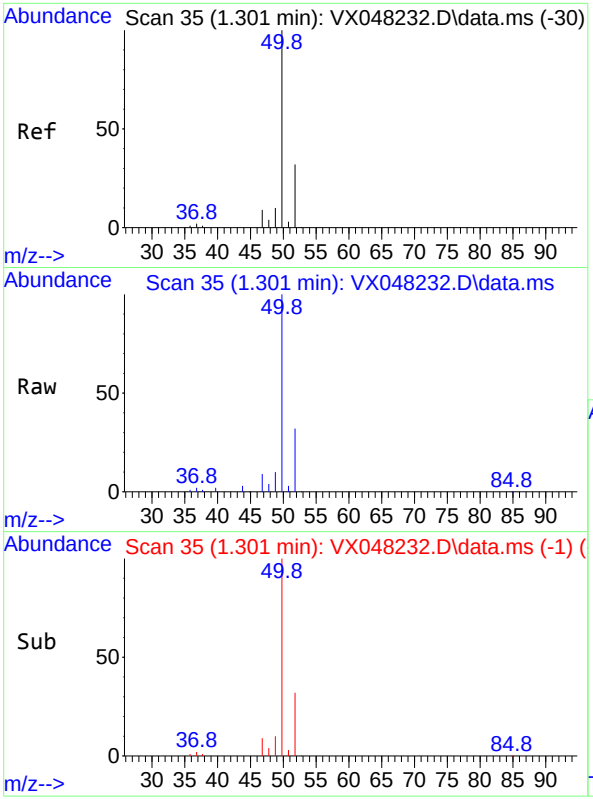




#2
Dichlorodifluoromethane
Concen: 47.017 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 85 Resp: 60172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.7 | 15.3 | 45.9 |



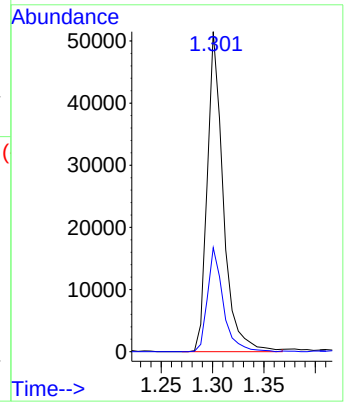


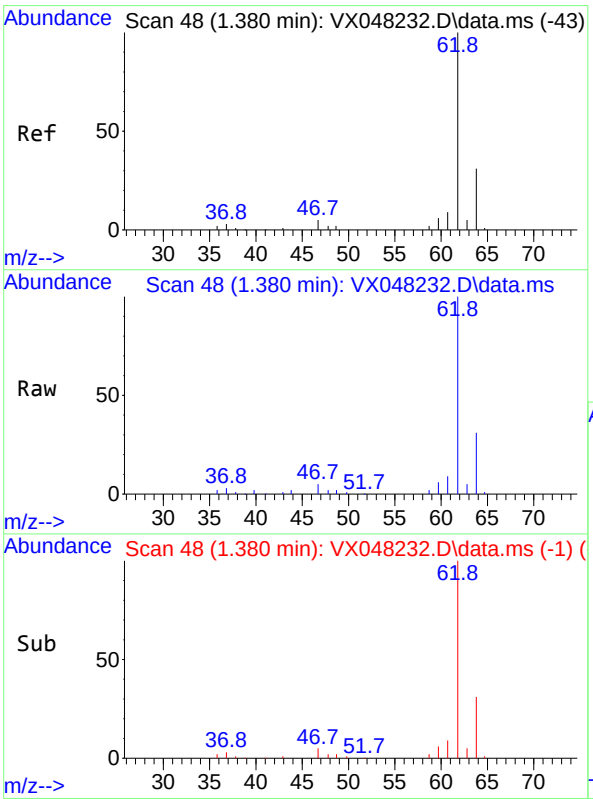

#3
Chloromethane
Concen: 46.824 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 50 Resp: 55934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.5 | 25.9 | 38.9 |

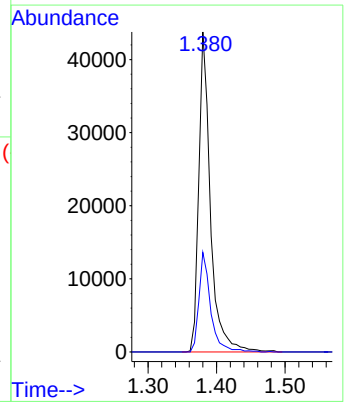


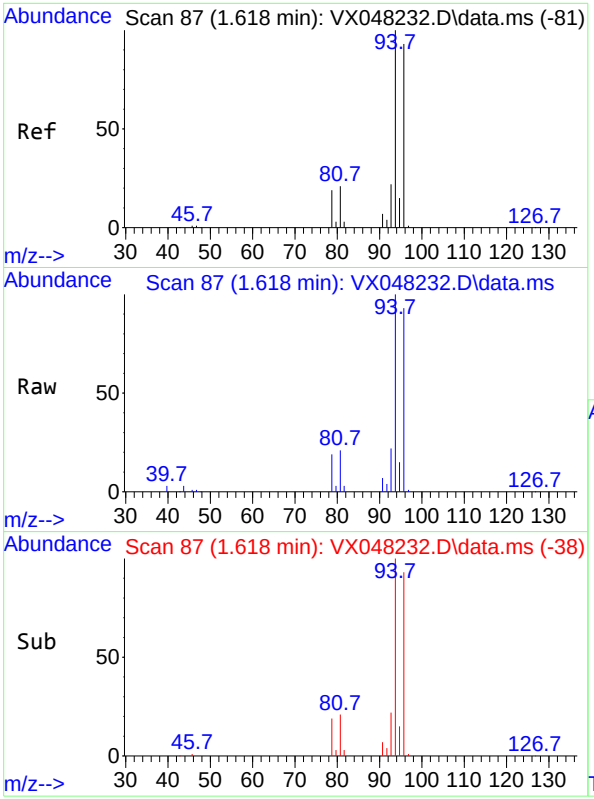




#4
Vinyl Chloride
Concen: 46.845 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 51819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.1 | 25.1 | 37.7 |



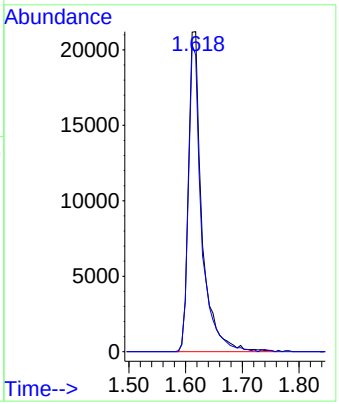


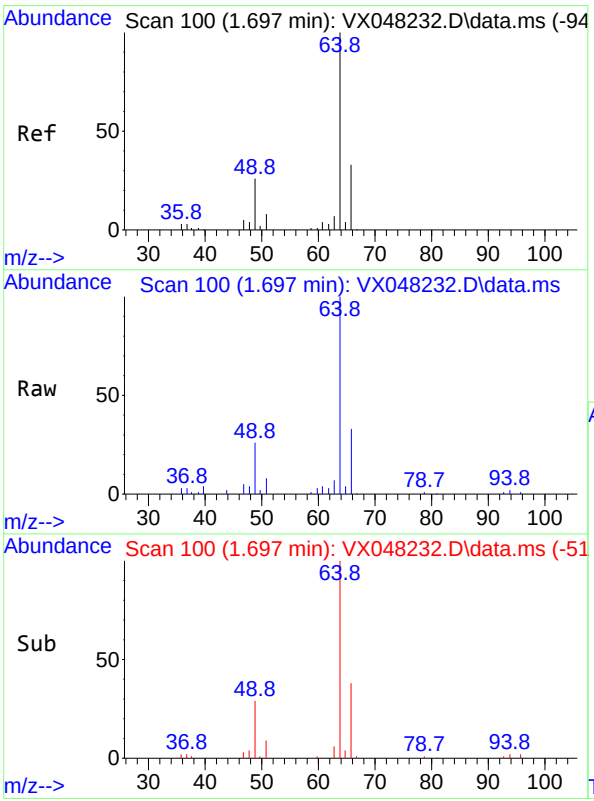

#5
Bromomethane
Concen: 46.757 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 94 Resp: 35101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.7 | 76.0 | 114.0 |

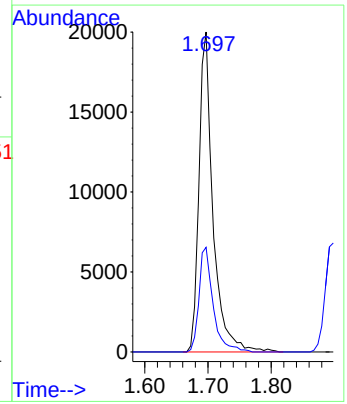


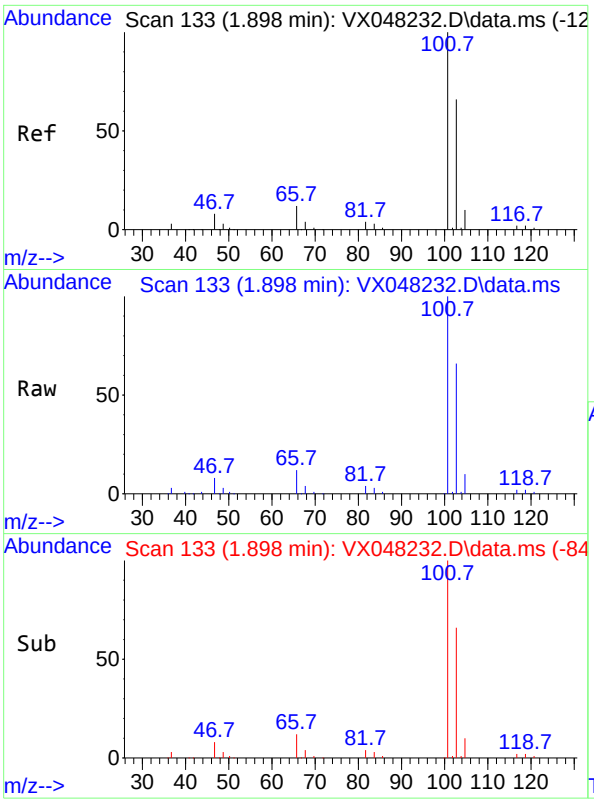




#6
Chloroethane
Concen: 47.258 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 64 Resp: 30718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.7 | 23.9 | 35.9 |



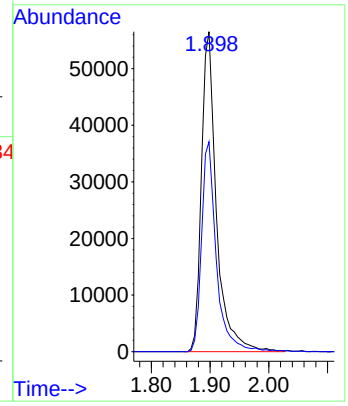


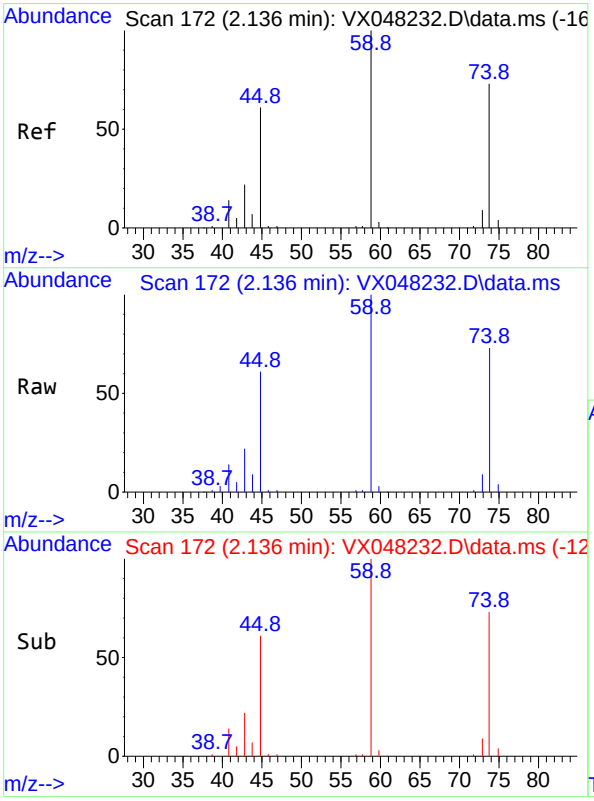

#7
Trichlorofluoromethane
Concen: 47.336 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:101 Resp: 100423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.6 | 51.6 | 77.4 |

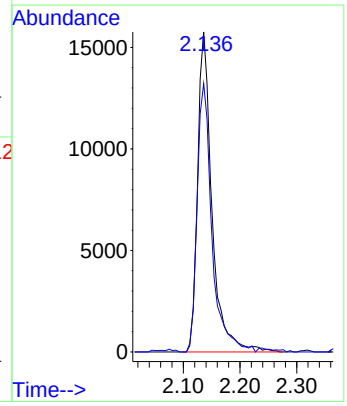


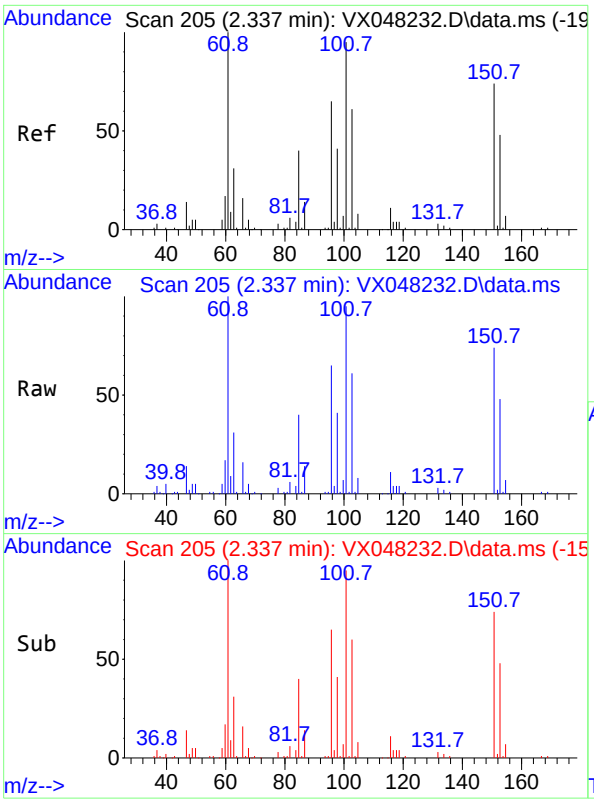




#8
Diethyl Ether
Concen: 46.442 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 74 Resp: 27723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 86.5 | 50.0 | 149.8 |



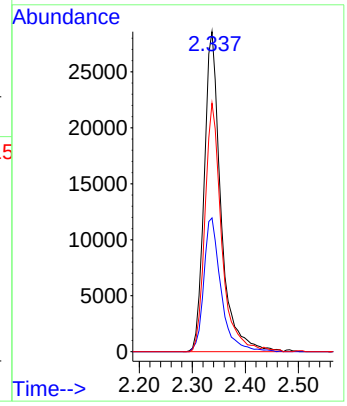


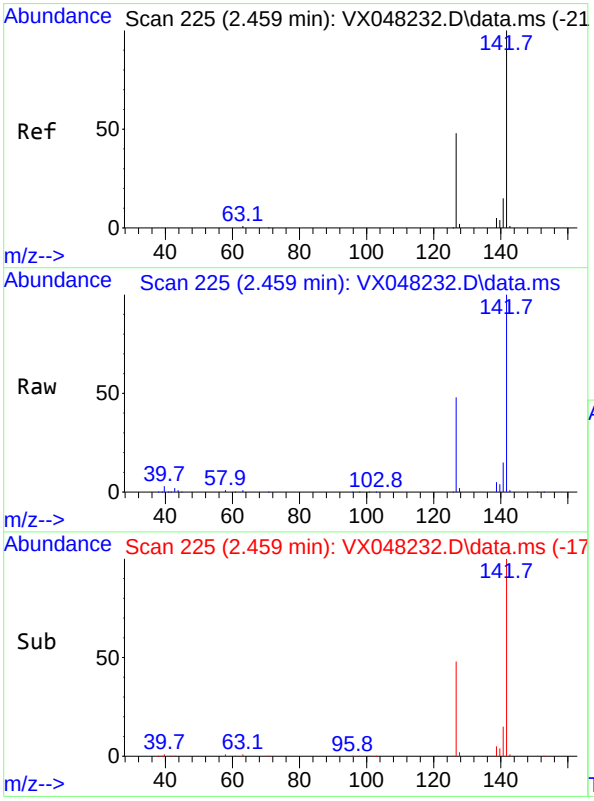

#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.442 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:101 Resp: 62391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.2 | 35.6 | 53.4 |
| 151 | 77.9 | 58.0 | 87.0 |

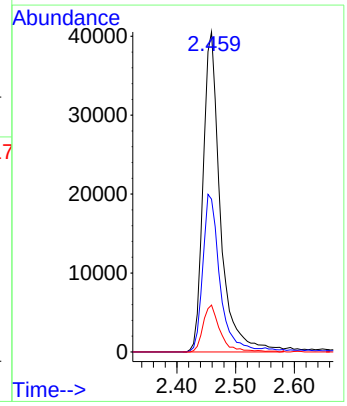


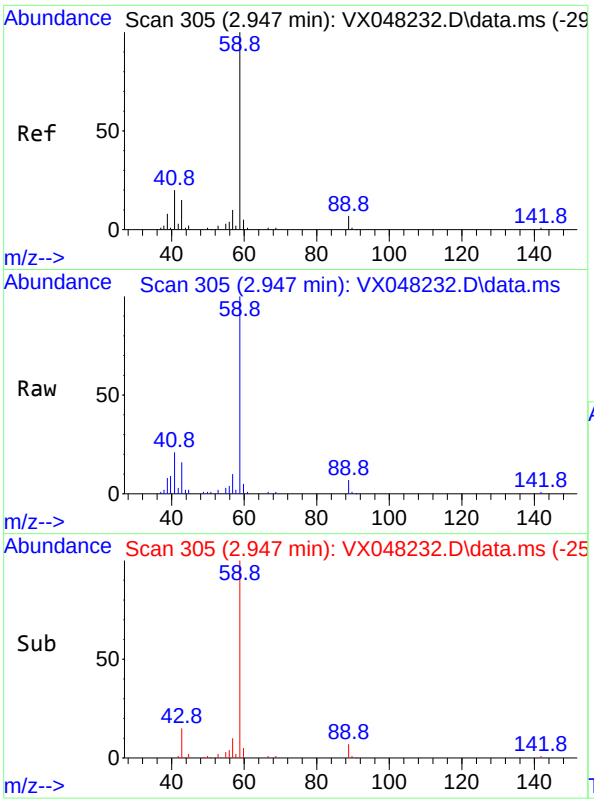




#10
Methyl Iodide
Concen: 48.881 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:142 Resp: 82552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.9 | 38.5 | 57.7 |
| 141 | 14.7 | 11.6 | 17.4 |



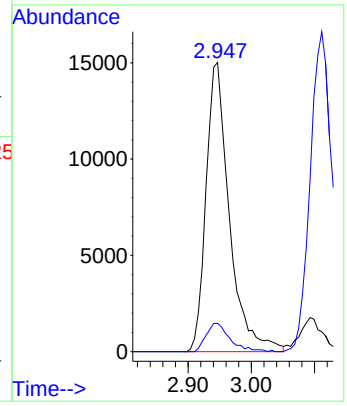


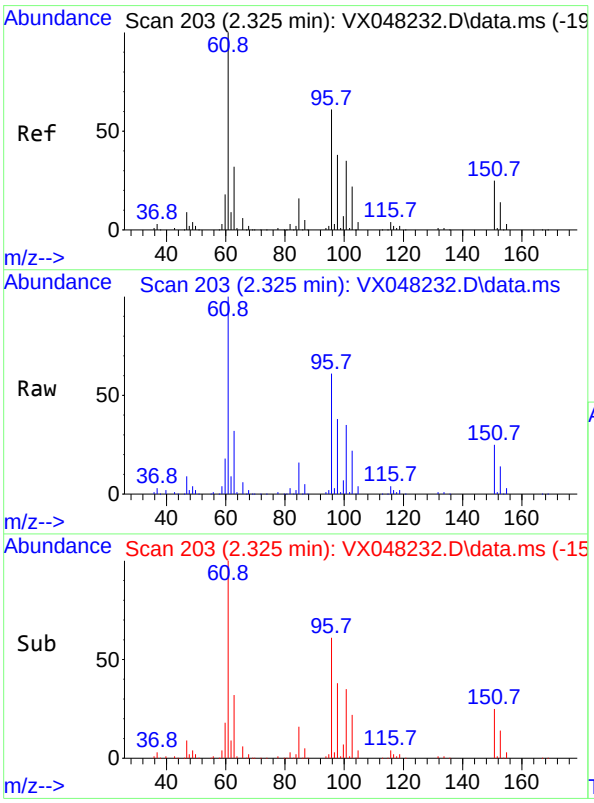

#11
Tert butyl alcohol
Concen: 222.353 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 59 Resp: 38534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 8.2 | 12.4 |

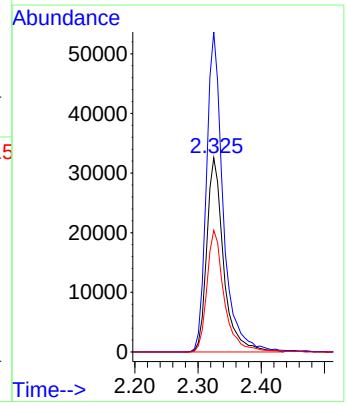


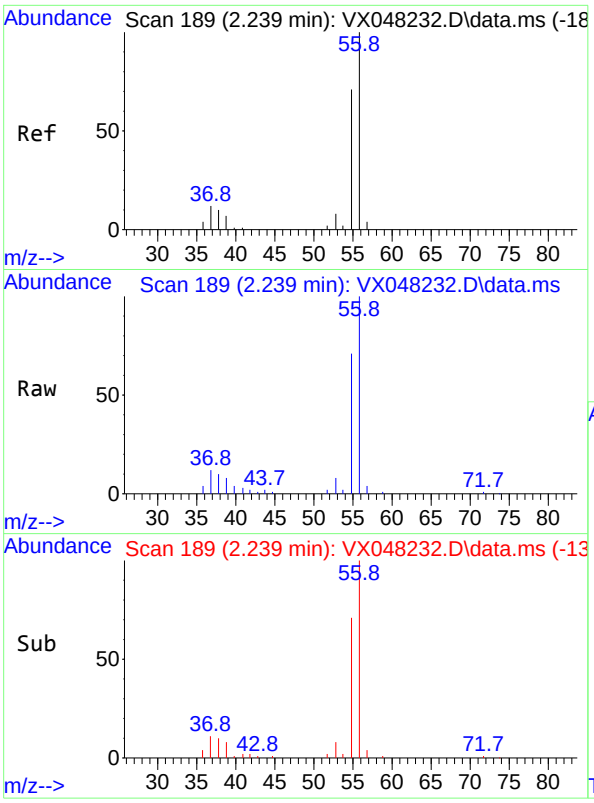




#12
1,1-Dichloroethene
Concen: 46.160 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 96 Resp: 60330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.7 | 139.0 | 208.6 |
| 98 | 62.6 | 52.4 | 78.6 |



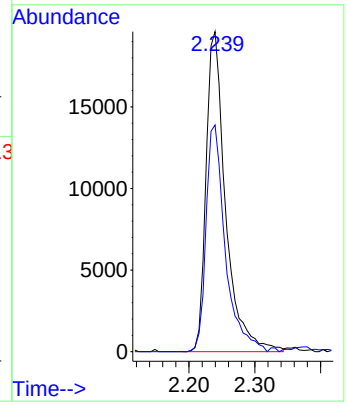


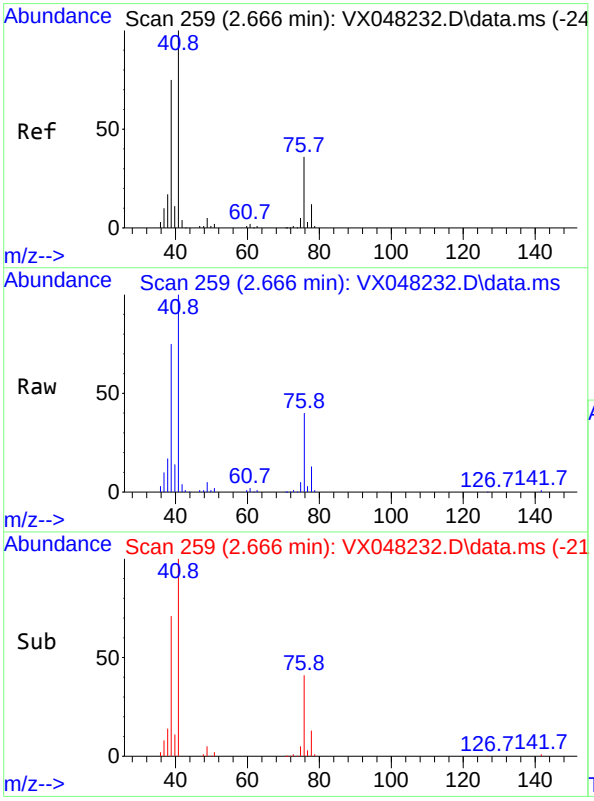

#13
Acrolein
Concen: 229.343 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 56 Resp: 40536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.8 | 56.1 | 84.1 |

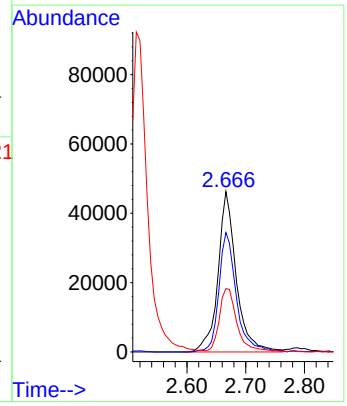


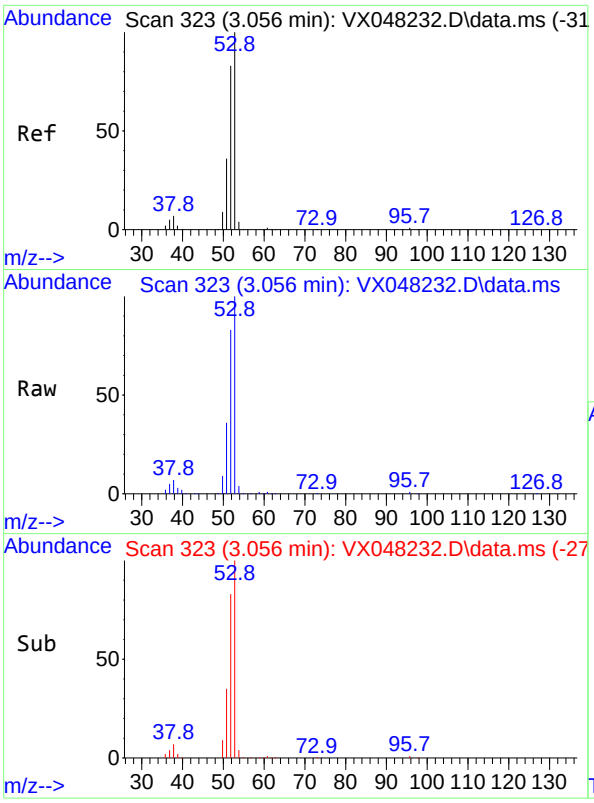




#14
Allyl chloride
Concen: 46.192 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 100234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 71.0 | 56.0 | 84.0 |
| 76 | 38.6 | 27.5 | 41.3 |



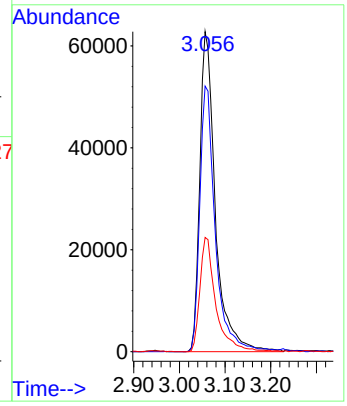


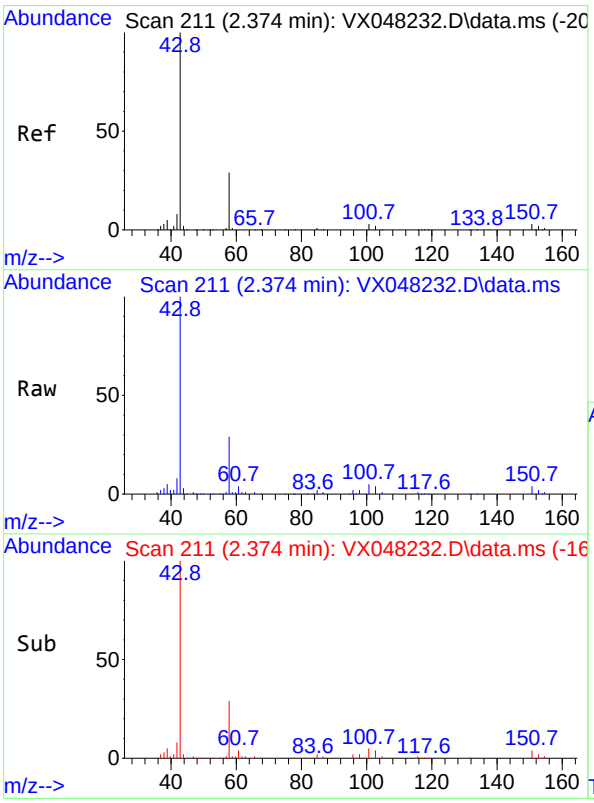

#15
Acrylonitrile
Concen: 238.450 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 53 Resp: 149009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.9 | 66.1 | 99.1 |
| 51 | 36.6 | 29.0 | 43.4 |

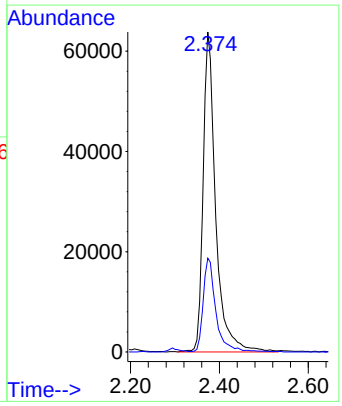


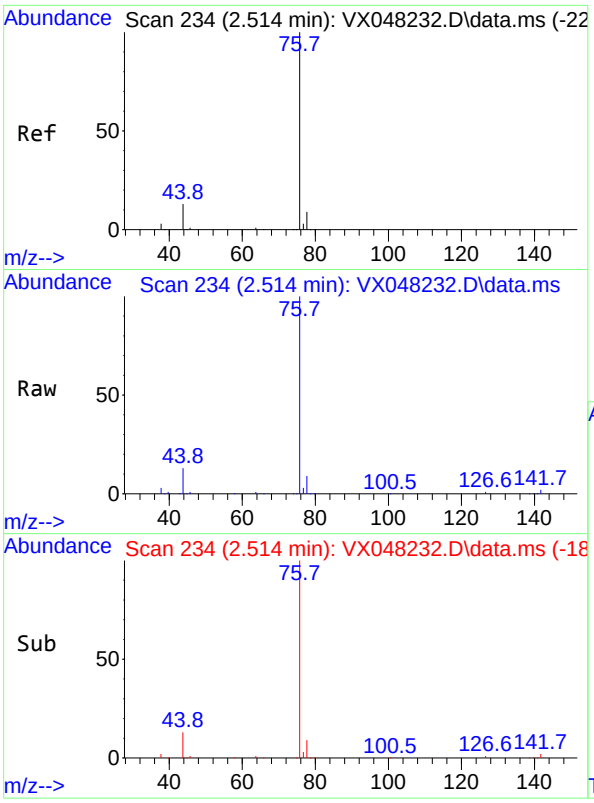




#16
Acetone
Concen: 210.429 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 126003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.2 | 23.4 | 35.2 |



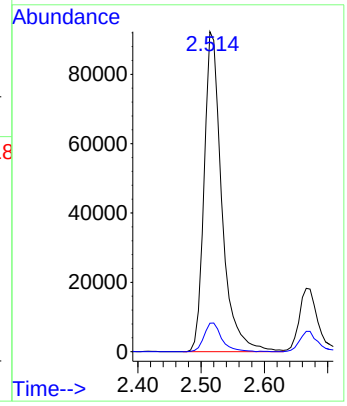


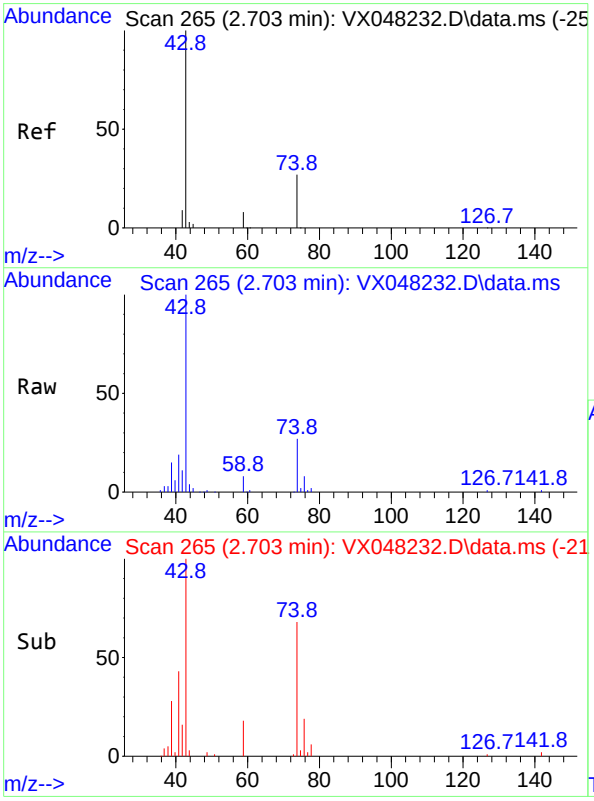

#17
Carbon Disulfide
Concen: 43.575 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 76 Resp: 179492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.1 | 10.7 |

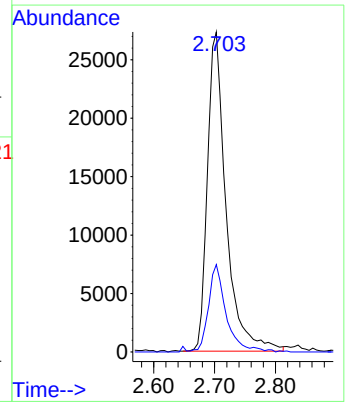


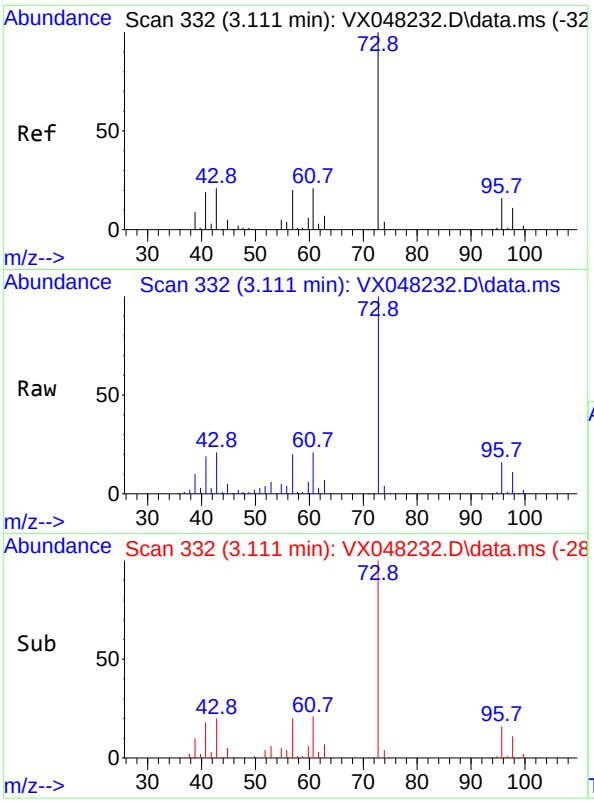




#18
Methyl Acetate
Concen: 46.437 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 58071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.0 | 17.5 | 26.3 |



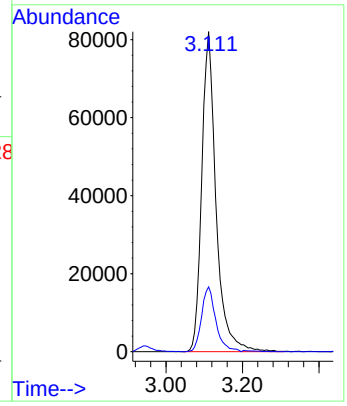


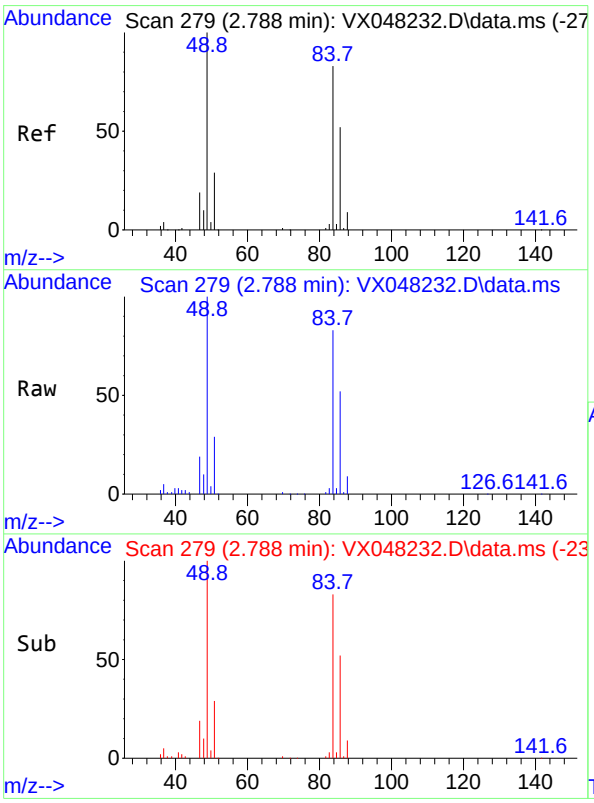

#19
Methyl tert-butyl Ether
Concen: 47.567 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 73 Resp: 212092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.3 | 17.7 | 26.5 |

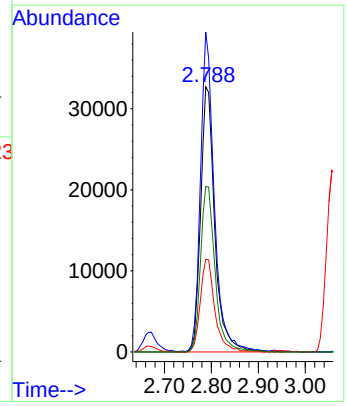


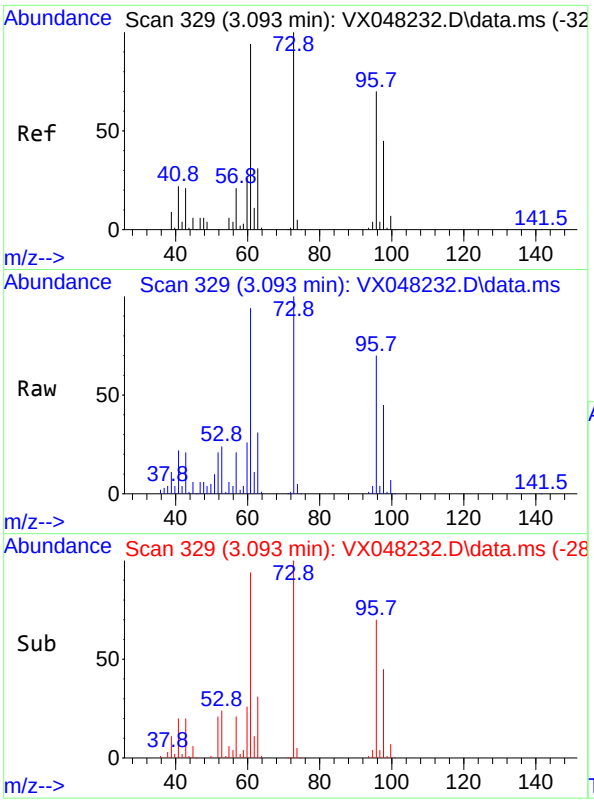




#20
Methylene Chloride
Concen: 47.061 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 84 Resp: 68663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 120.4 | 104.1 | 156.1 |
| 51 | 35.0 | 31.3 | 46.9 |
| 86 | 62.4 | 51.3 | 76.9 |



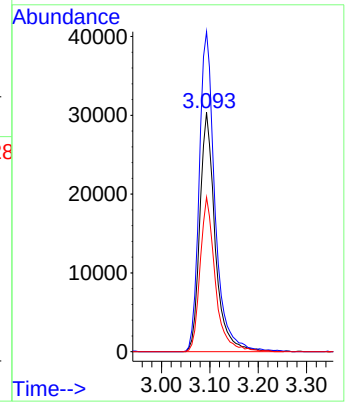


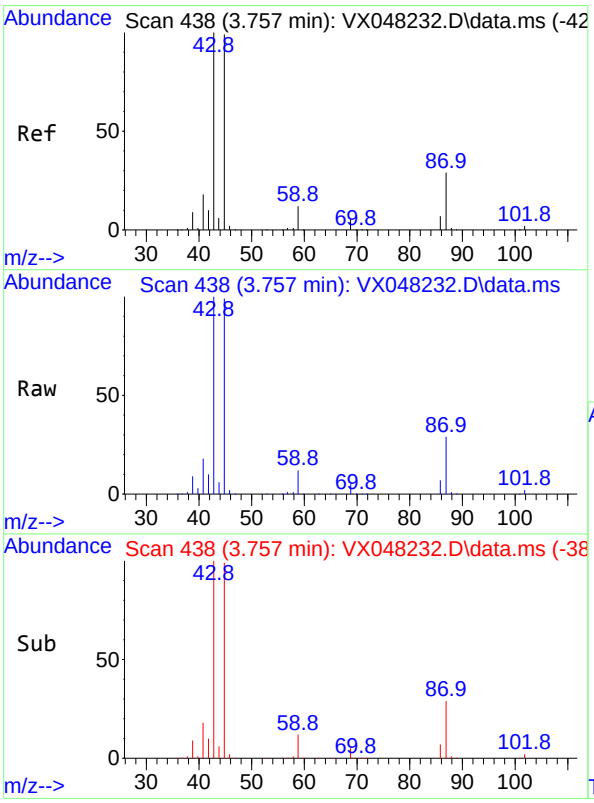

#21
trans-1,2-Dichloroethene
Concen: 46.395 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 96 Resp: 66608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.8 | 111.9 | 167.9 |
| 98 | 64.5 | 51.2 | 76.8 |

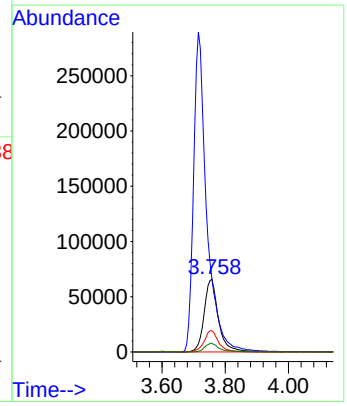


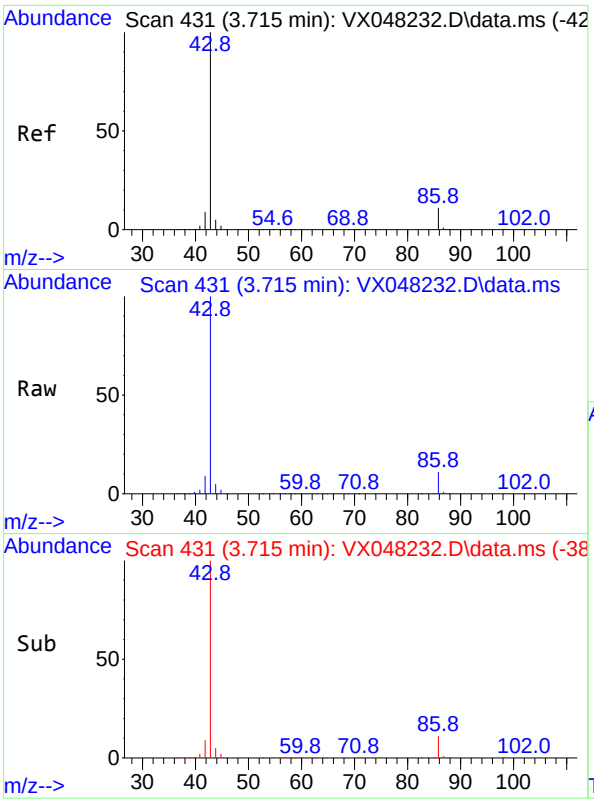




#22
Diisopropyl ether
Concen: 47.805 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 45 Resp: 206901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 101.1 | 89.8 | 134.8 |
| 87 | 29.3 | 20.6 | 31.0 |
| 59 | 11.9 | 9.1 | 13.7 |



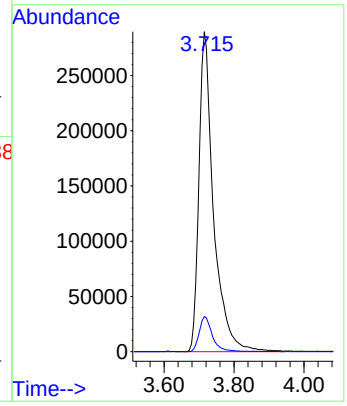


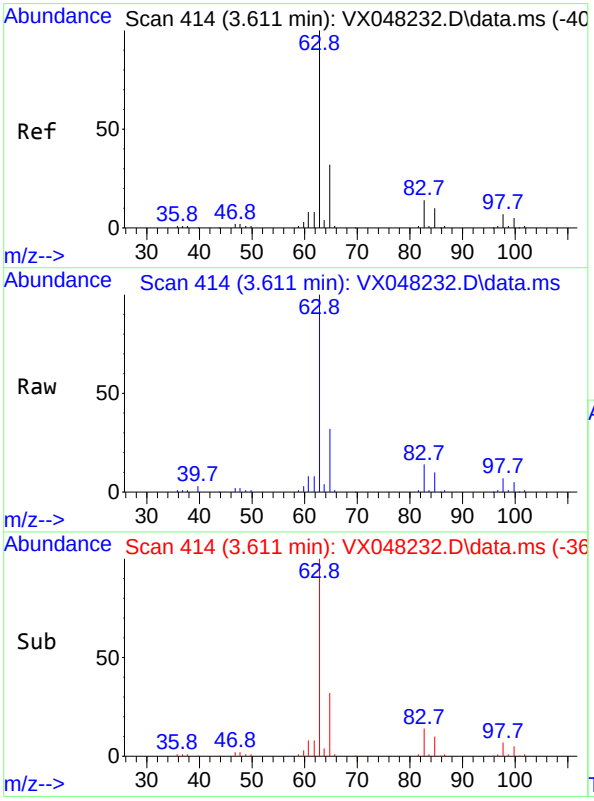

#23
Vinyl Acetate
Concen: 242.786 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 839370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.0 | 7.9 | 11.9 |

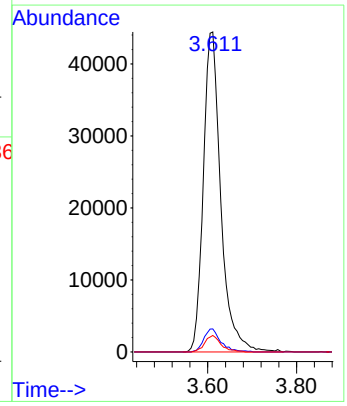


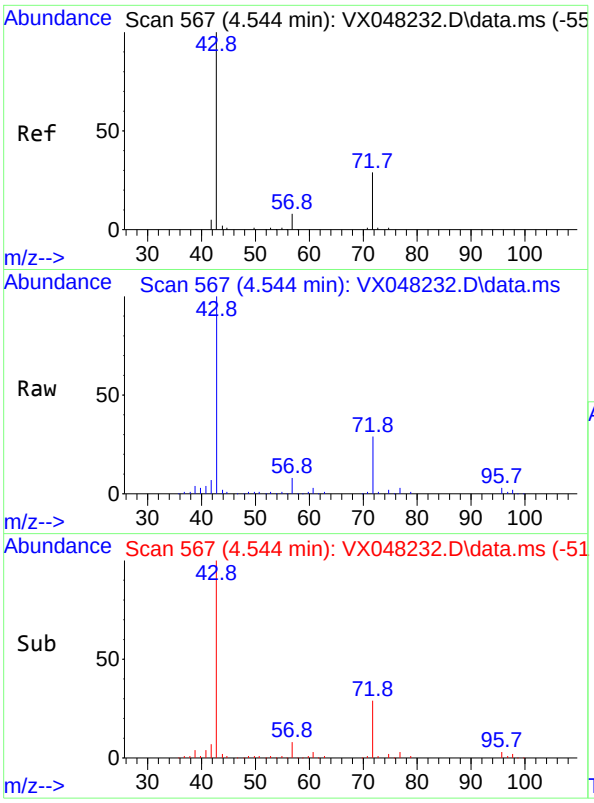




#24
1,1-Dichloroethane
Concen: 46.487 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 121657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 3.5 | 10.6 |
| 100 | 5.1 | 2.1 | 6.3 |



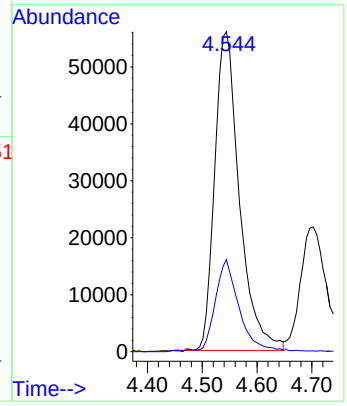


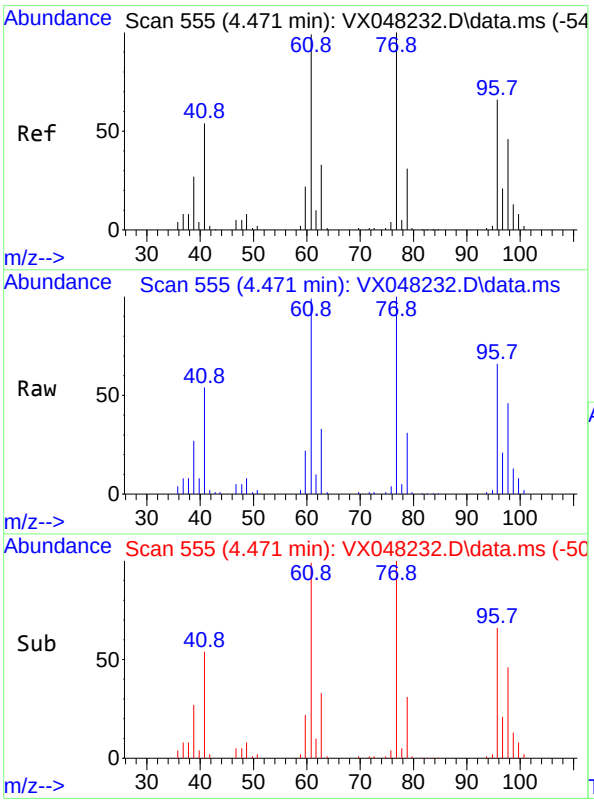

#25
2-Butanone
Concen: 230.996 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 175075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.6 | 19.9 | 29.9 |

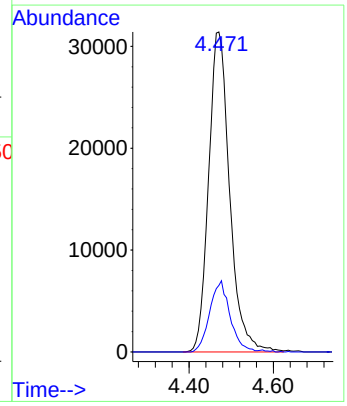


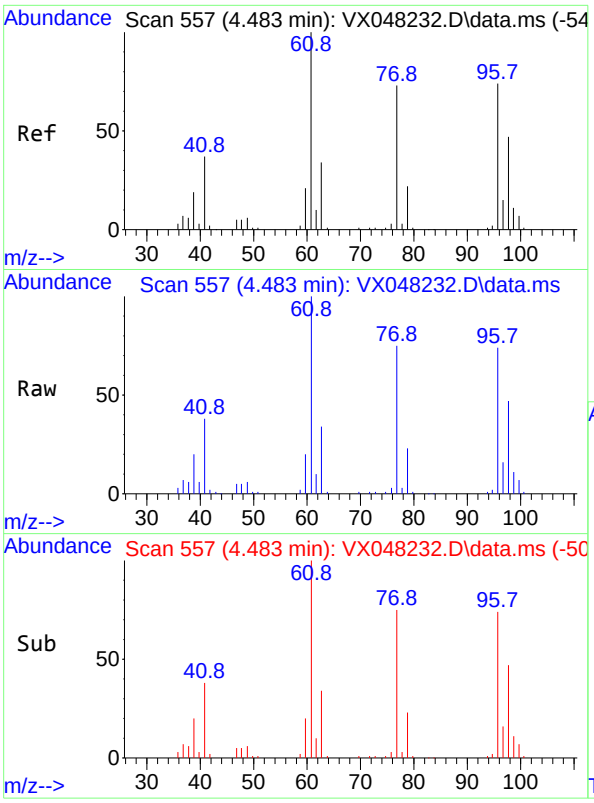




#26
2,2-Dichloropropane
Concen: 46.171 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 77 Resp: 109062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.5 | 11.1 | 33.3 |



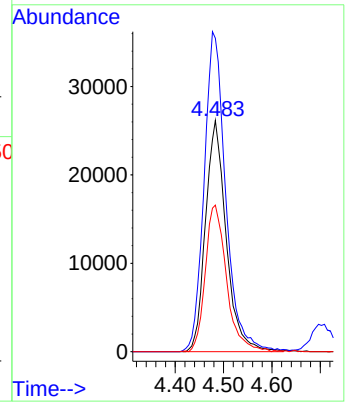


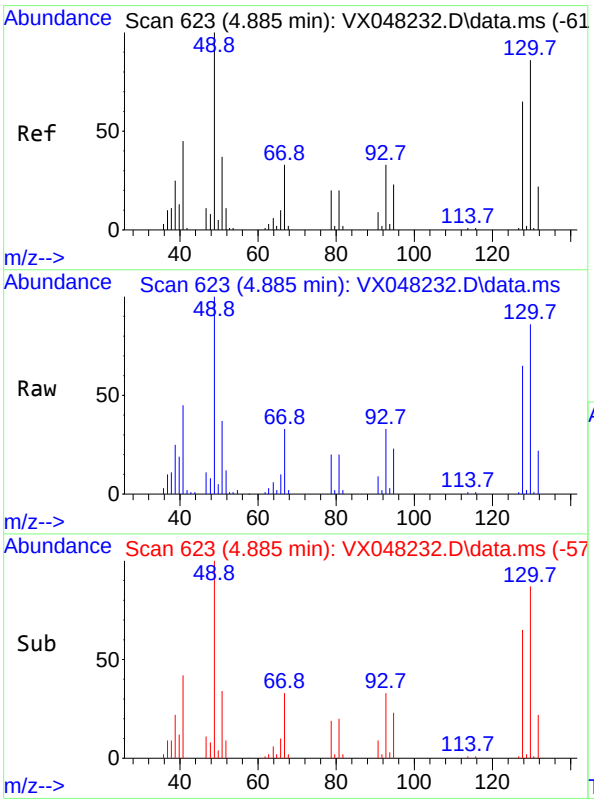

#27
cis-1,2-Dichloroethene
Concen: 46.500 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 96 Resp: 77911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.4 | 0.0 | 294.2 |
| 98 | 64.9 | 0.0 | 128.4 |

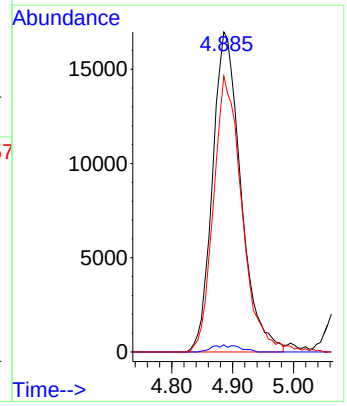


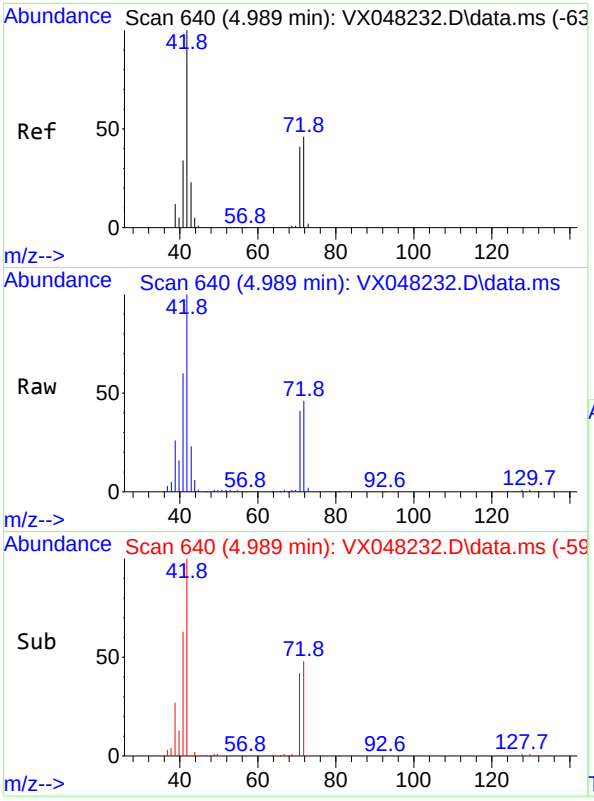




#28
Bromochloromethane
Concen: 50.611 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 49 Resp: 54919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.8 | 0.0 | 4.4 |
| 130 | 86.9 | 59.3 | 88.9 |



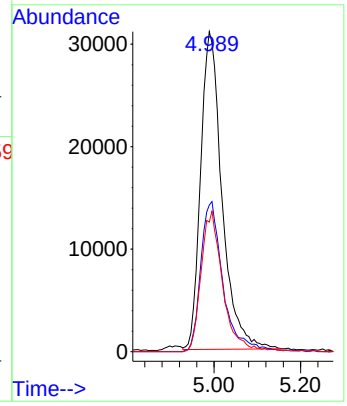


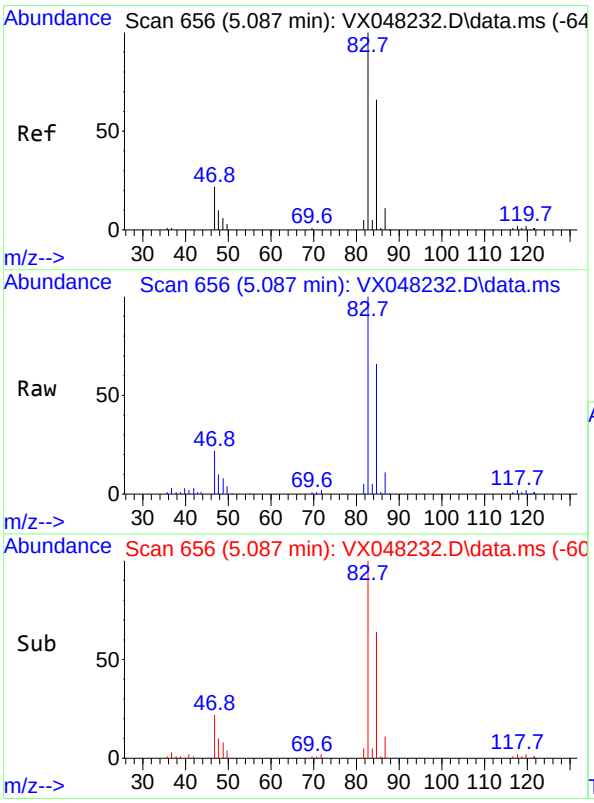

#29
Tetrahydrofuran
Concen: 234.362 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 42 Resp: 106381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 49.2 | 35.3 | 52.9 |
| 71 | 44.3 | 32.2 | 48.4 |

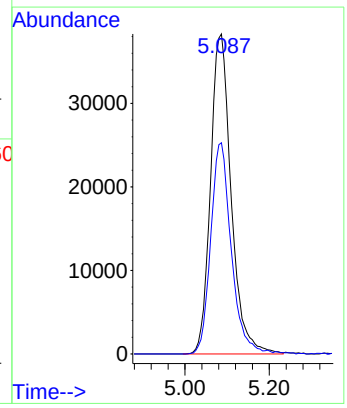


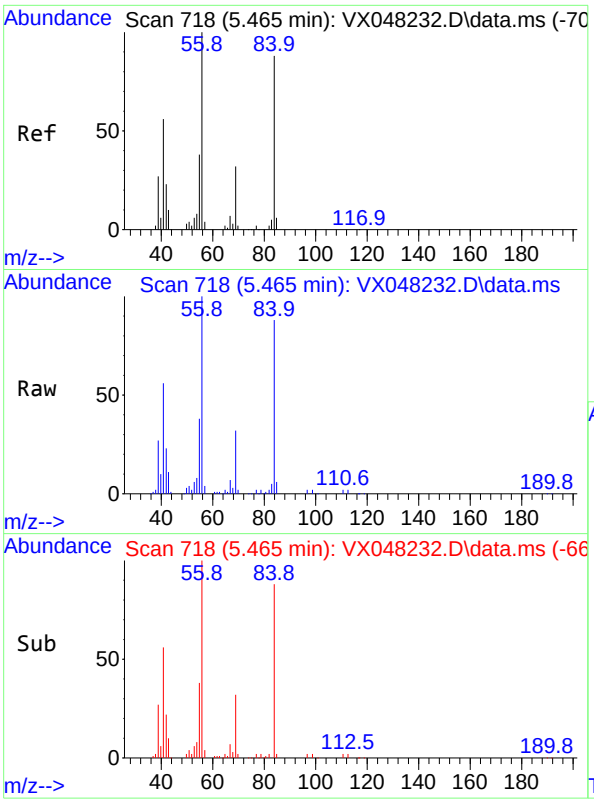




#30
Chloroform
Concen: 46.594 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 130274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.0 | 50.1 | 75.1 |



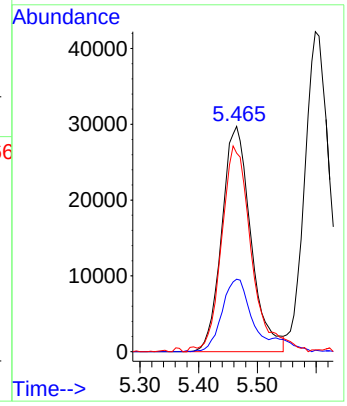


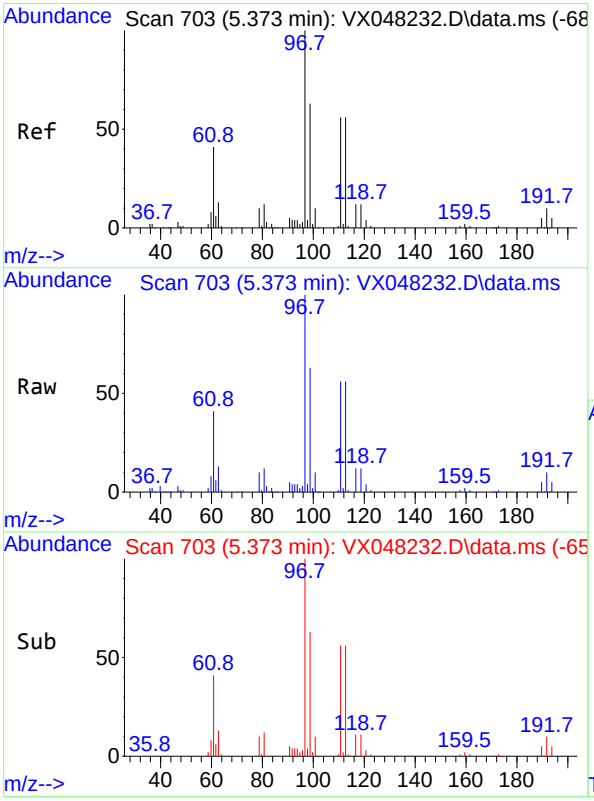

#31
Cyclohexane
Concen: 47.194 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 56 Resp: 102251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.2 | 23.0 | 34.6 |
| 84 | 87.9 | 64.6 | 97.0 |

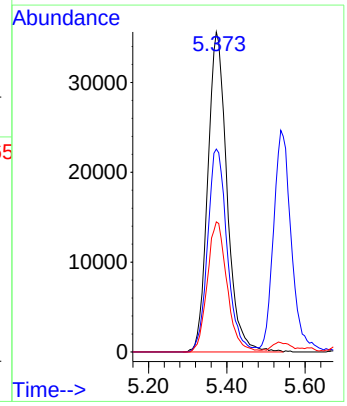


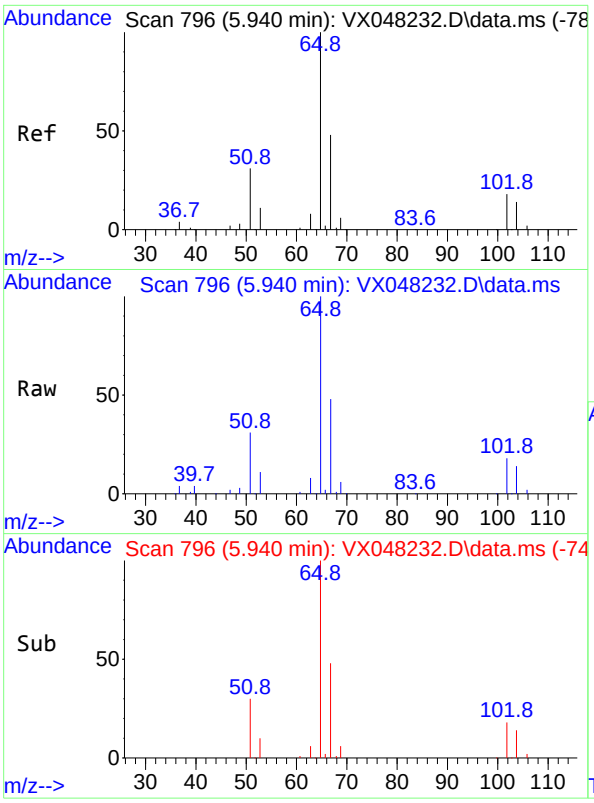




#32
1,1,1-Trichloroethane
Concen: 46.992 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 97 Resp: 121090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.5 | 51.7 | 77.5 |
| 61 | 41.8 | 34.8 | 52.2 |



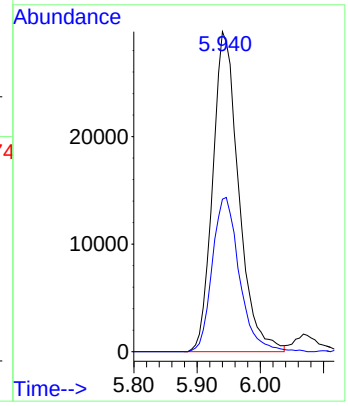


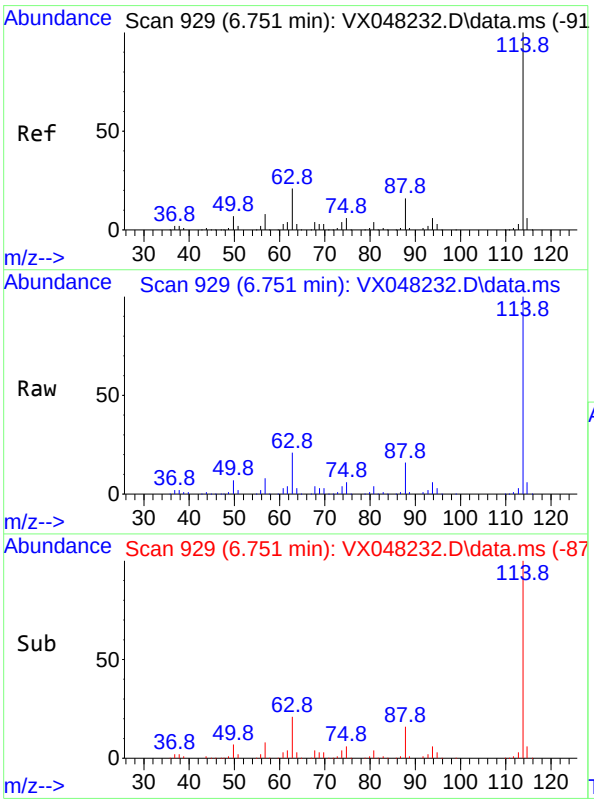

#33
1,2-Dichloroethane-d4
Concen: 48.670 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 65 Resp: 84951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.4 | 0.0 | 105.0 |

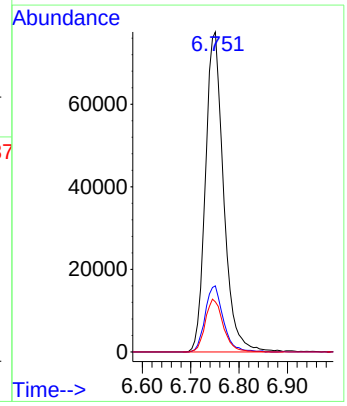


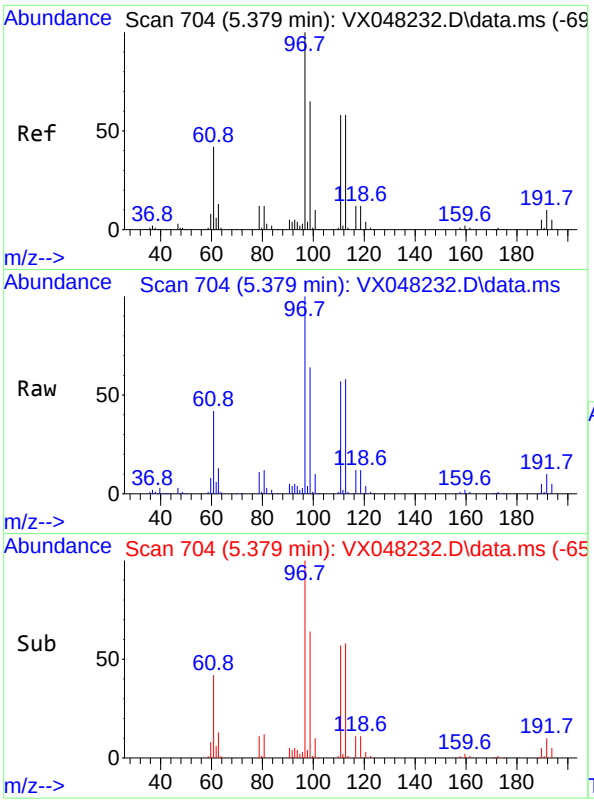




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:114 Resp: 201906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.7 | 0.0 | 43.2 |
| 88 | 15.7 | 0.0 | 33.6 |



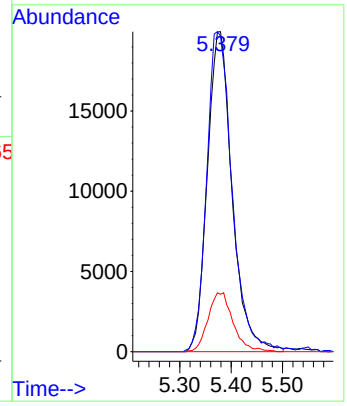


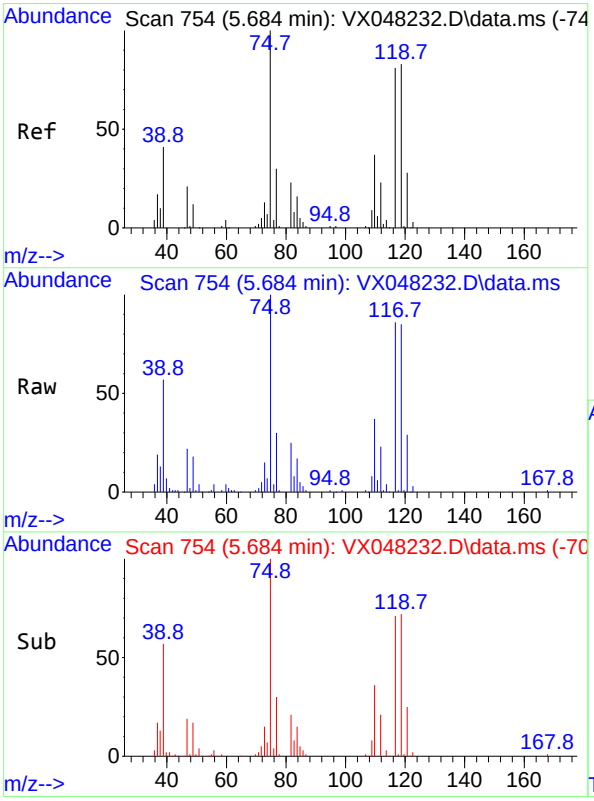

#35
Dibromofluoromethane
Concen: 48.312 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:113 Resp: 66593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.6 | 82.2 | 123.4 |
| 192 | 18.7 | 15.1 | 22.7 |

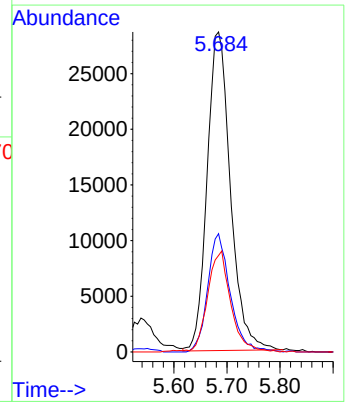


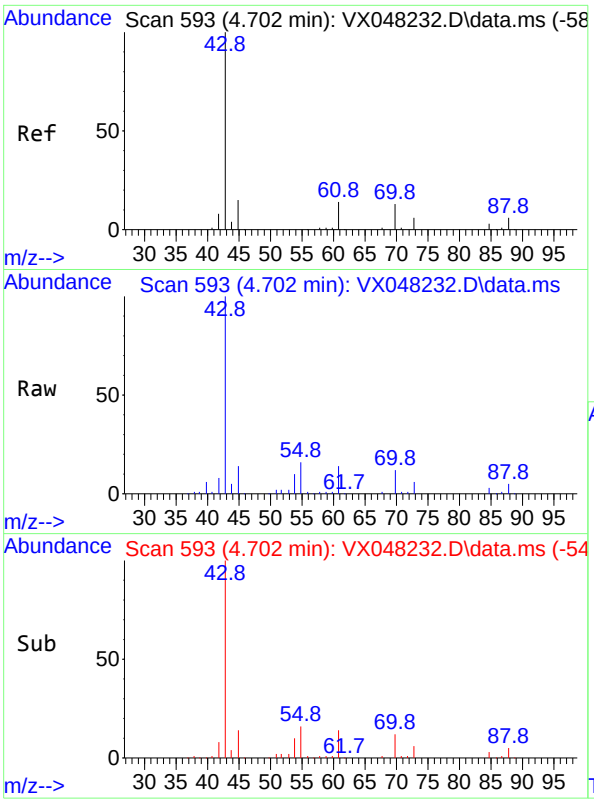




#36
1,1-Dichloropropene
Concen: 44.659 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 87493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.9 | 17.7 | 53.1 |
| 77 | 31.7 | 24.3 | 36.5 |



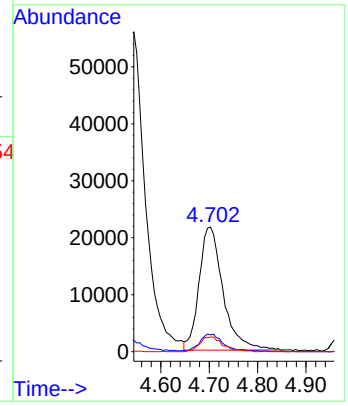


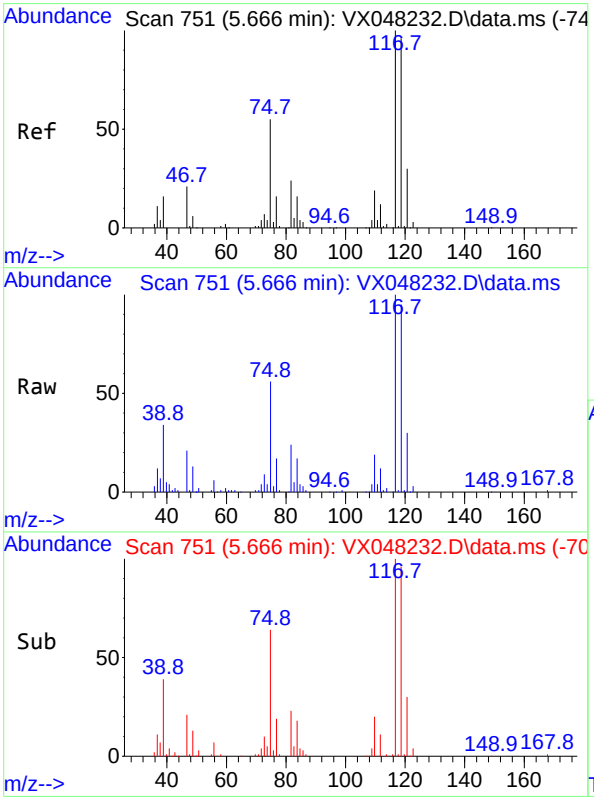

#37
Ethyl Acetate
Concen: 45.730 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 74261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.0 | 10.6 | 15.8 |
| 70 | 11.6 | 7.8 | 11.6 |

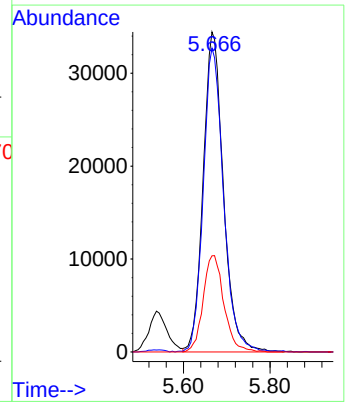


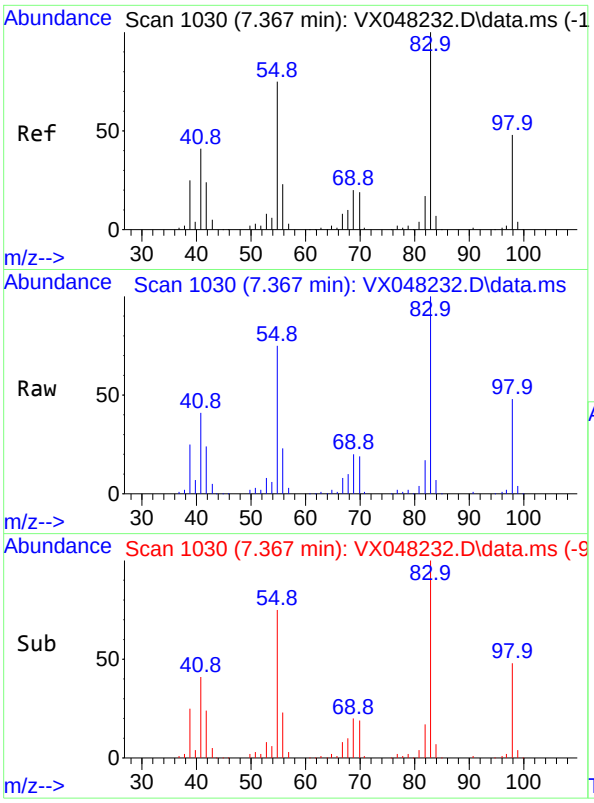




#38
Carbon Tetrachloride
Concen: 46.216 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 111708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.8 | 77.2 | 115.8 |
| 121 | 30.1 | 24.8 | 37.2 |



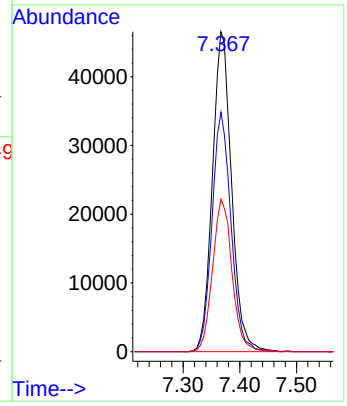


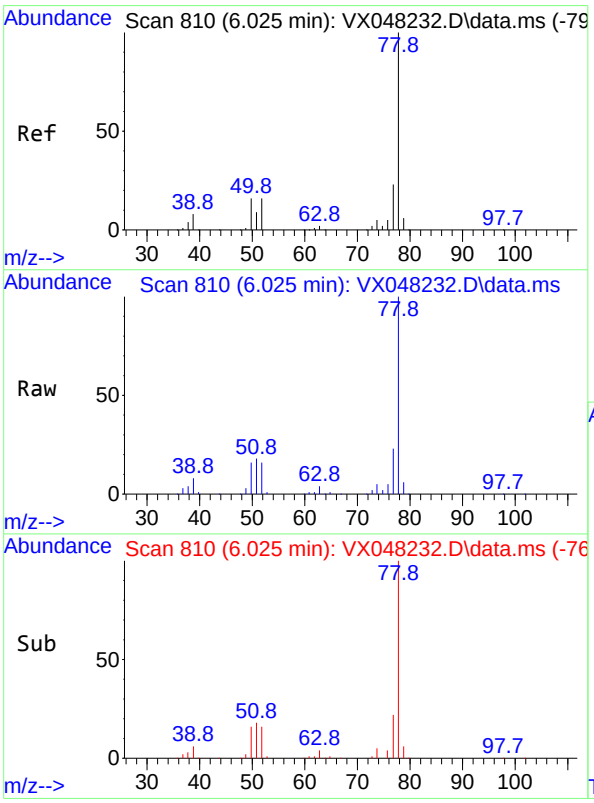

#39
Methylcyclohexane
Concen: 47.143 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 83 Resp: 109077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.8 | 66.2 | 99.2 |
| 98 | 47.6 | 38.9 | 58.3 |

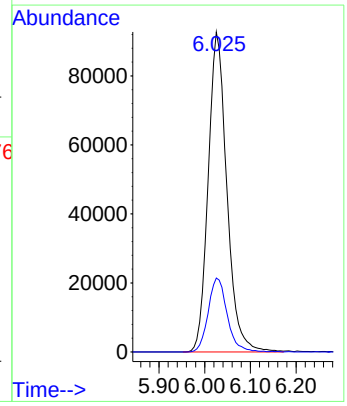


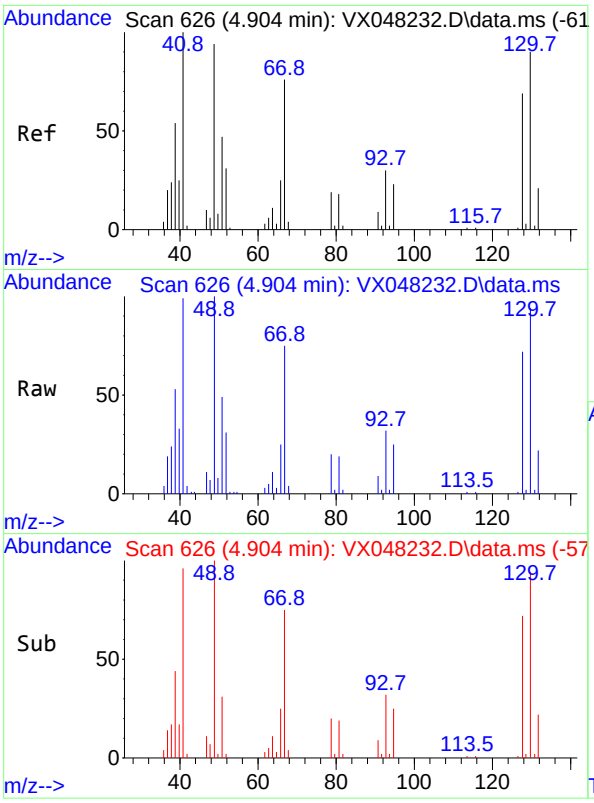




#40
Benzene
Concen: 46.192 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 78 Resp: 262745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.1 | 19.3 | 28.9 |



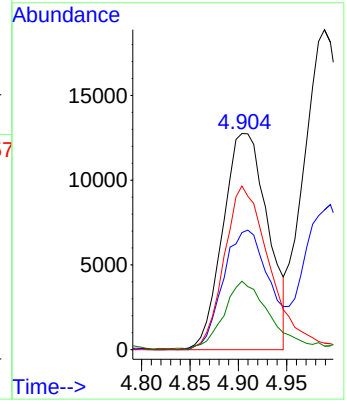


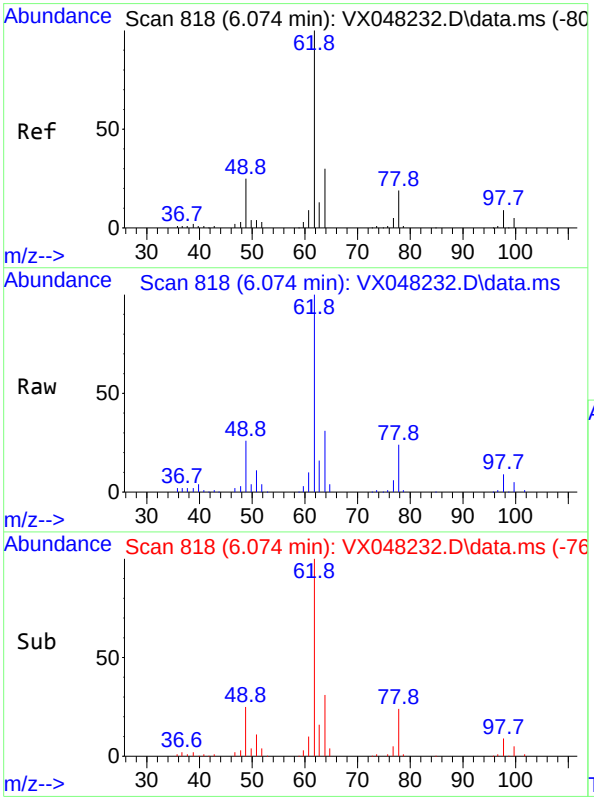

#41
Methacrylonitrile
Concen: 48.421 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 41 Resp: 41293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.1 | 44.0 | 66.0 |
| 67 | 78.6 | 58.7 | 88.1 |
| 52 | 32.8 | 25.9 | 38.9 |

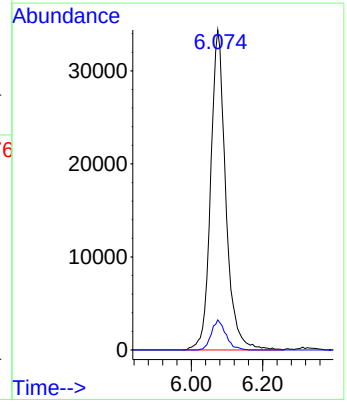


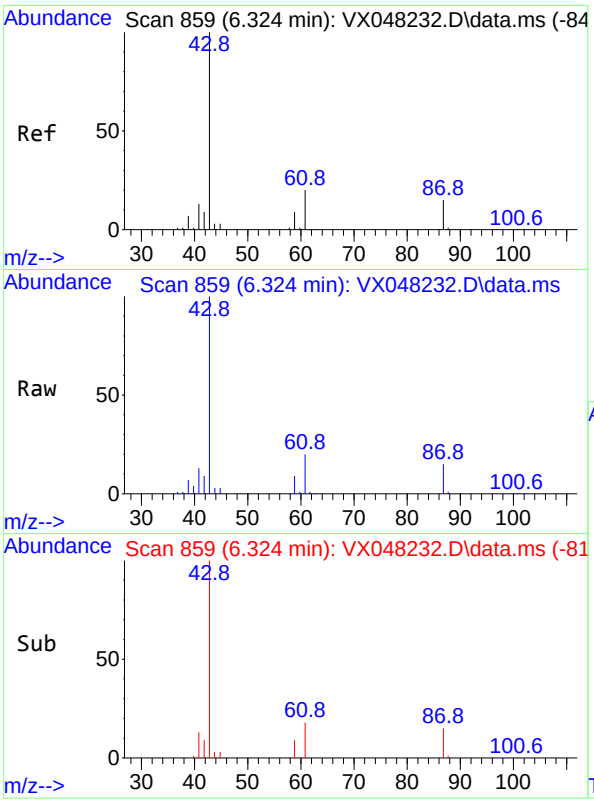




#42
1,2-Dichloroethane
Concen: 48.090 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 100937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.0 | 0.0 | 17.2 |



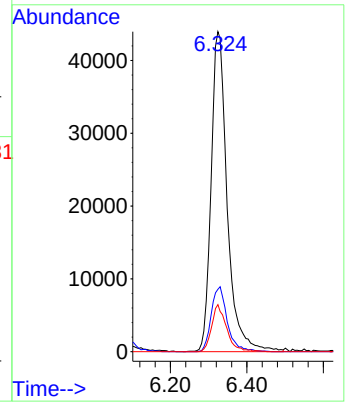


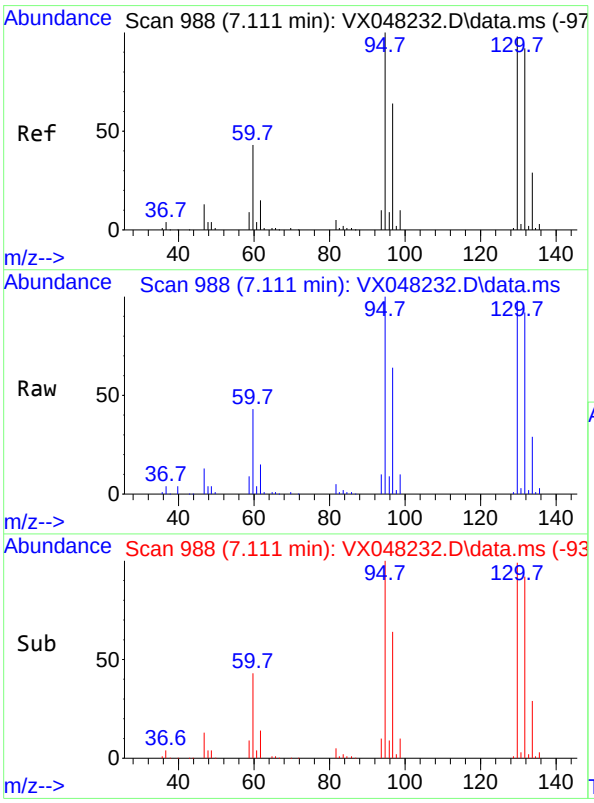

#43
Isopropyl Acetate
Concen: 48.095 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 128290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.3 | 14.9 | 22.3 |
| 87 | 13.7 | 9.4 | 14.2 |

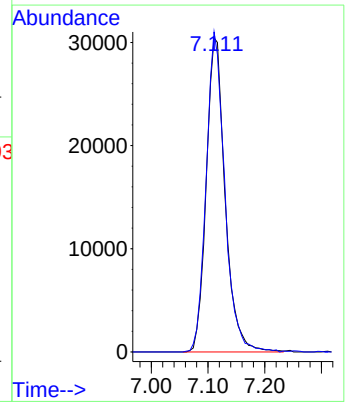


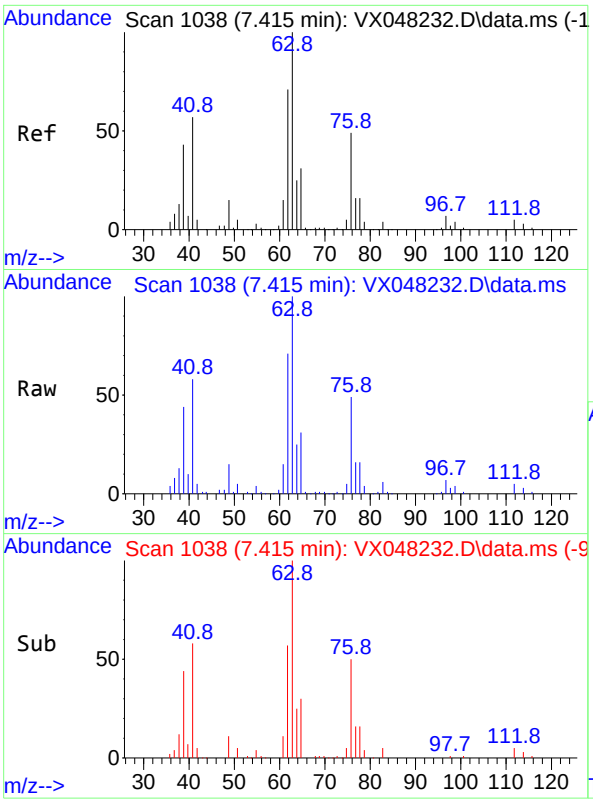




#44
Trichloroethene
Concen: 46.815 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:130 Resp: 70313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 101.9 | 0.0 | 200.6 |



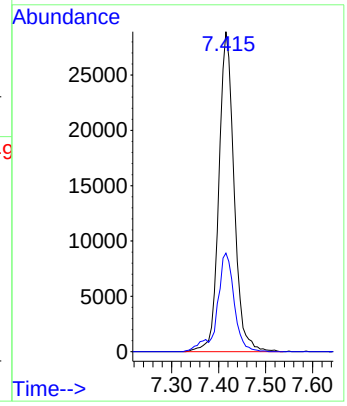


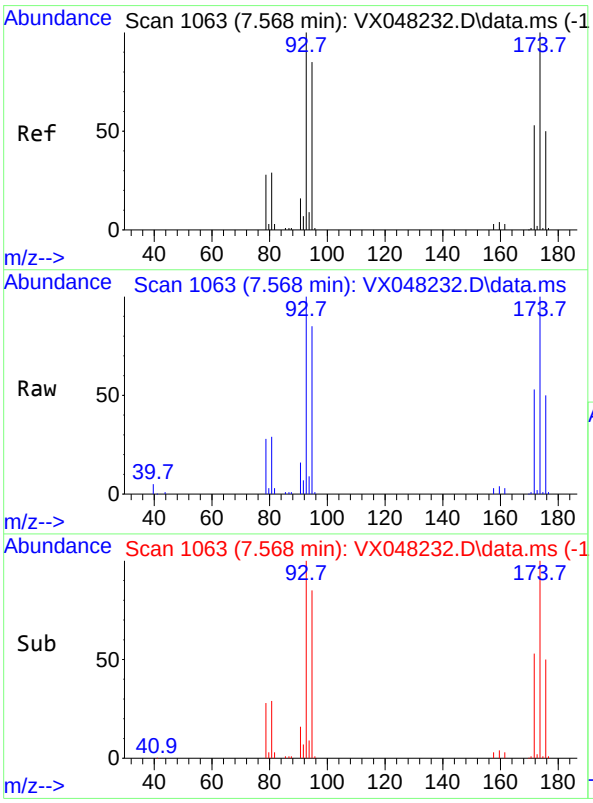

#45
1,2-Dichloropropane
Concen: 47.986 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 63 Resp: 64895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.8 | 24.1 | 36.1 |

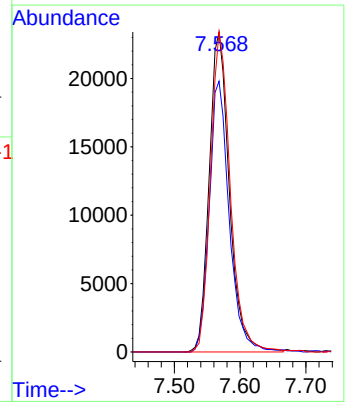


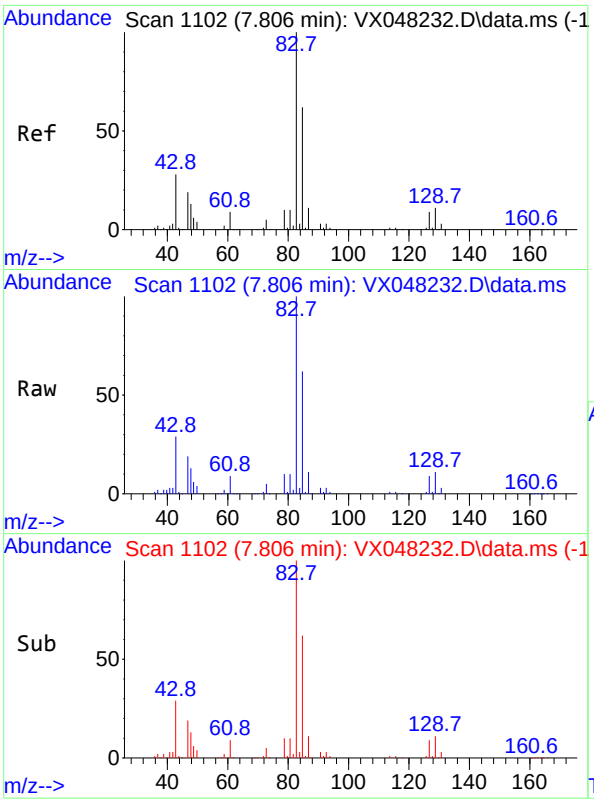




#46
Dibromomethane
Concen: 47.337 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 93 Resp: 49874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.1 | 65.9 | 98.9 |
| 174 | 98.7 | 71.7 | 107.5 |



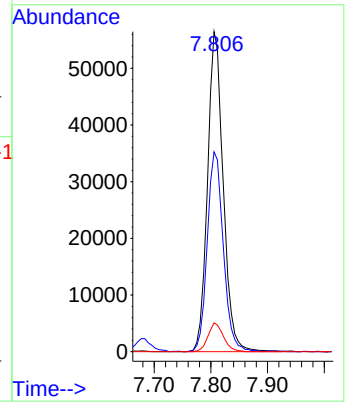


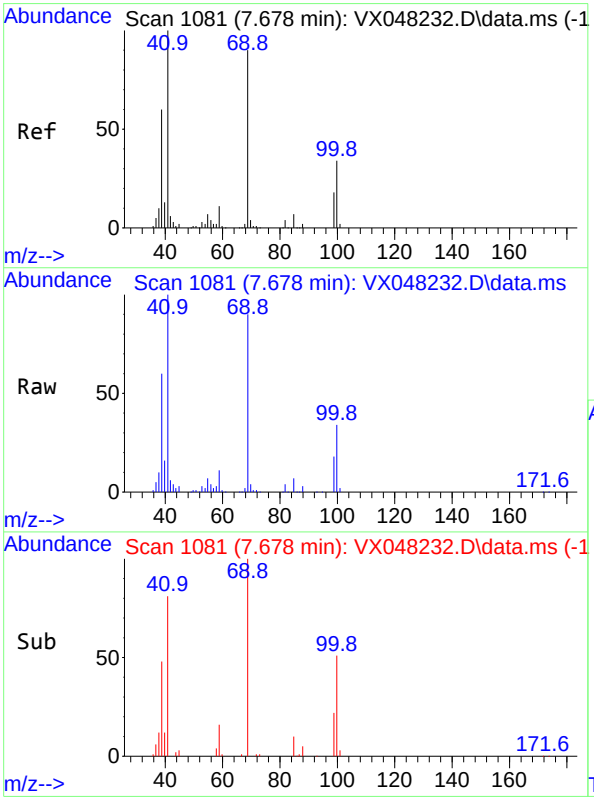

#47
Bromodichloromethane
Concen: 47.770 ug/l
RT: 7.806 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 83 Resp: 108671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.4 | 52.2 | 78.4 |
| 127 | 9.0 | 7.3 | 10.9 |

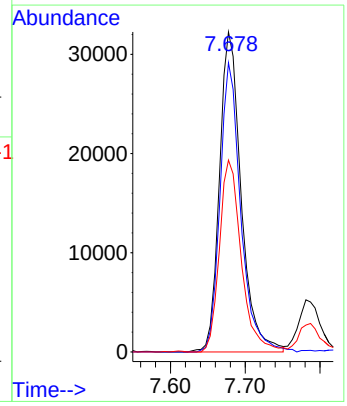


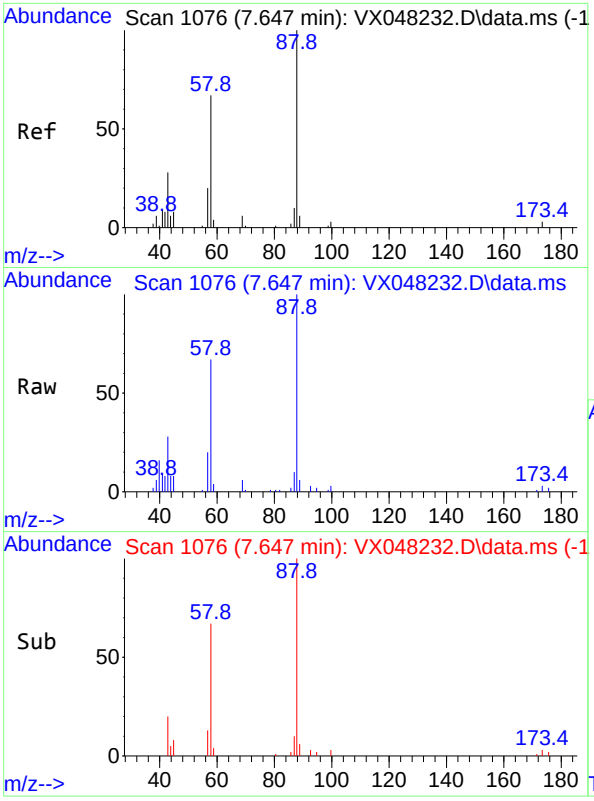




#48
Methyl methacrylate
Concen: 48.334 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 65057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.8 | 63.4 | 95.0 |
| 39 | 60.5 | 47.1 | 70.7 |



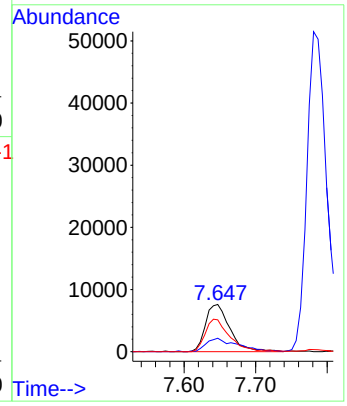


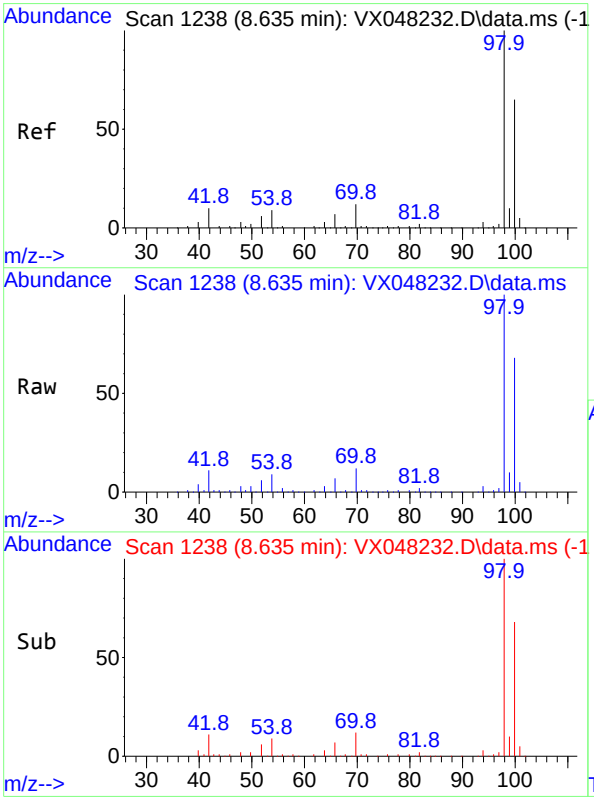

#49
1,4-Dioxane
Concen: 1006.888 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 88 Resp: 17905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.1 | 35.0 | 52.4 |
| 58 | 69.5 | 61.9 | 92.9 |

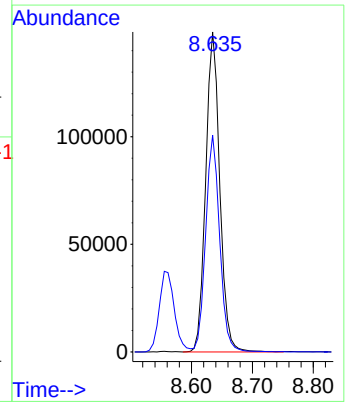


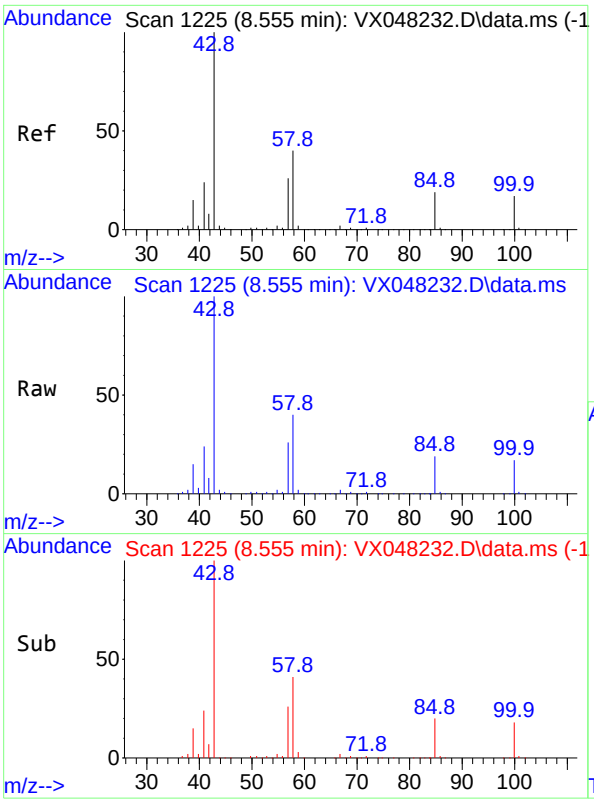




#50
Toluene-d8
Concen: 49.529 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 98 Resp: 239295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.2 | 53.0 | 79.4 |



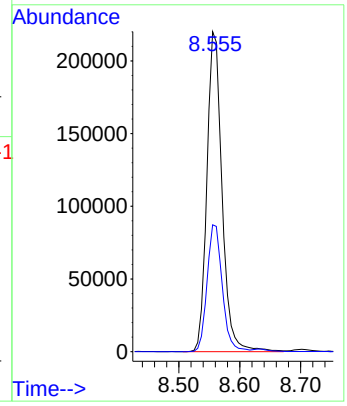


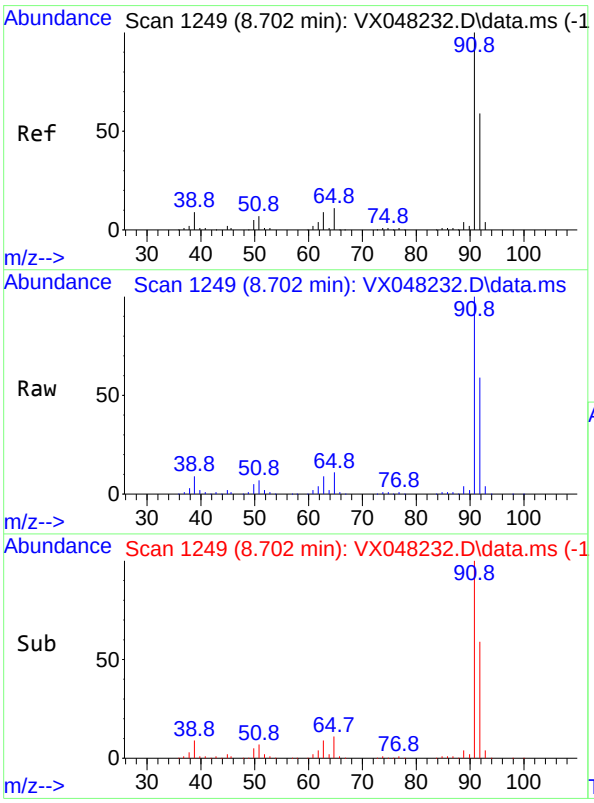

#51
4-Methyl-2-Pentanone
Concen: 247.515 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 380665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.8 | 29.5 | 44.3 |

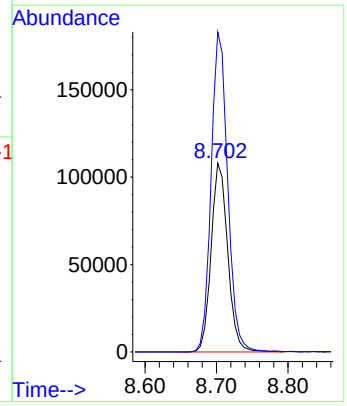


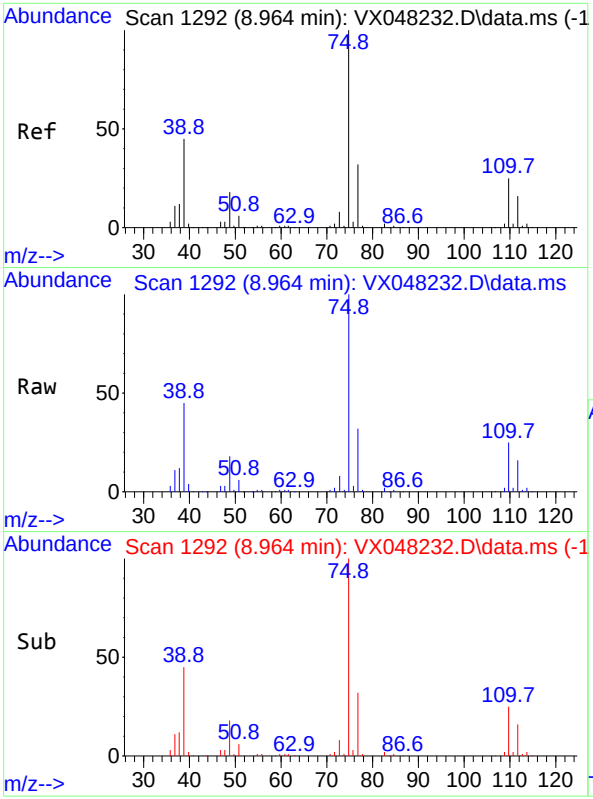




#52
Toluene
Concen: 48.136 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 92 Resp: 173942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.6 | 136.1 | 204.1 |



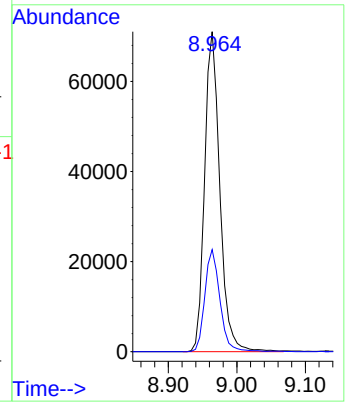


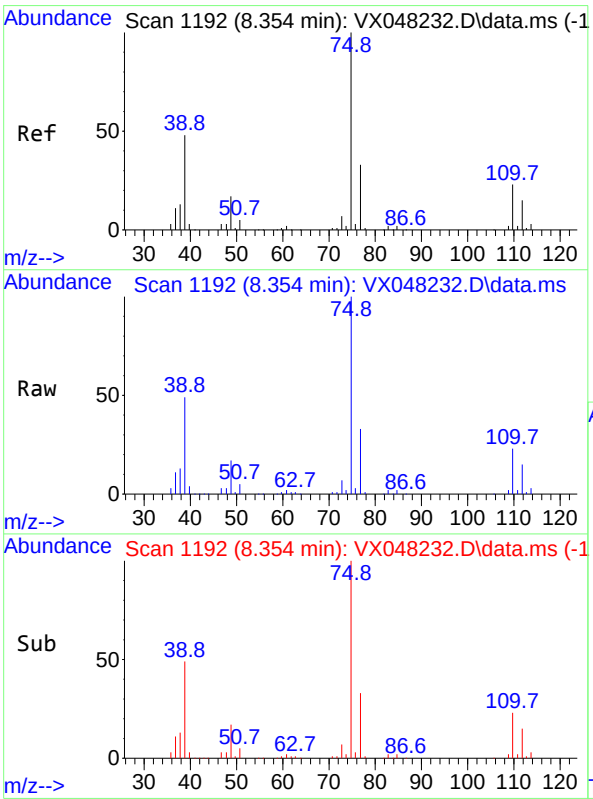

#53
t-1,3-Dichloropropene
Concen: 50.159 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 75 Resp: 109960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 25.0 | 37.6 |

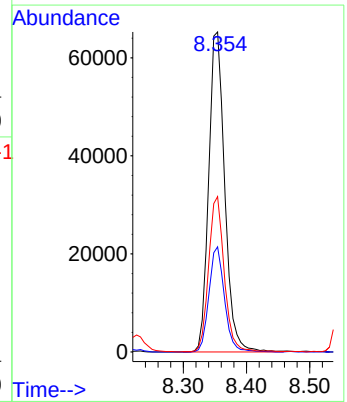


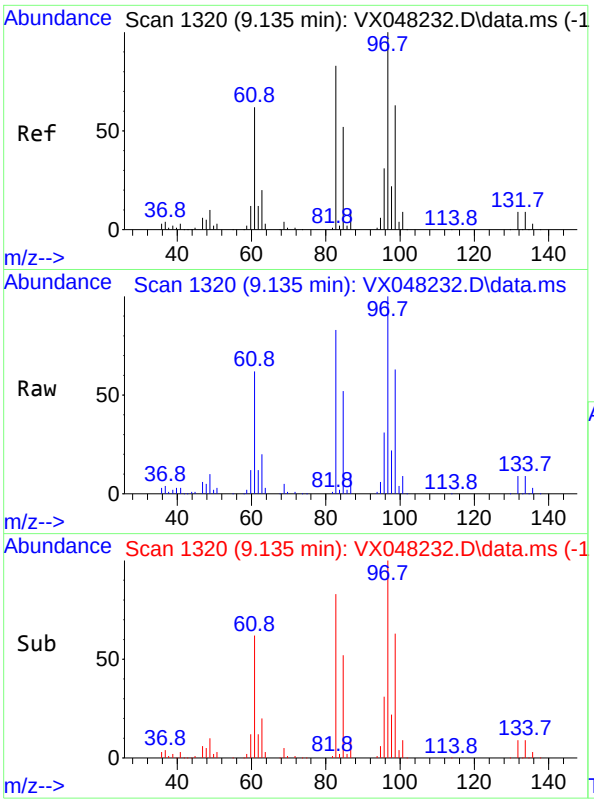




#54
cis-1,3-Dichloropropene
Concen: 48.847 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 115534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.8 | 24.9 | 37.3 |
| 39 | 46.7 | 42.6 | 64.0 |



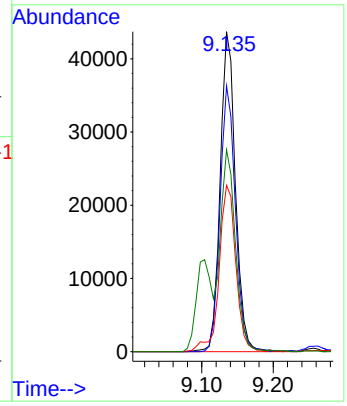


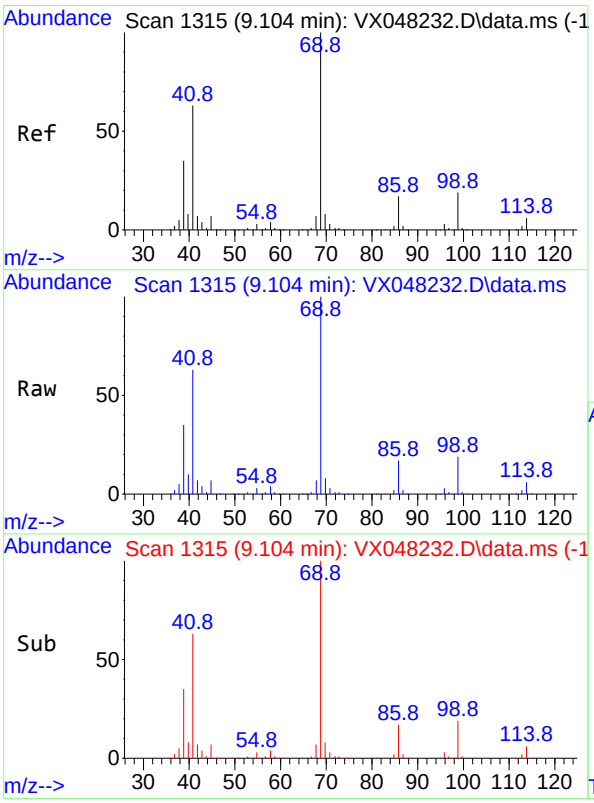

#55
1,1,2-Trichloroethane
Concen: 48.174 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 97 Resp: 64737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.0 | 70.6 | 105.8 |
| 85 | 52.0 | 45.0 | 67.6 |
| 99 | 63.1 | 50.9 | 76.3 |

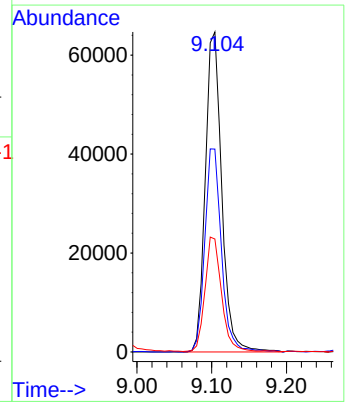


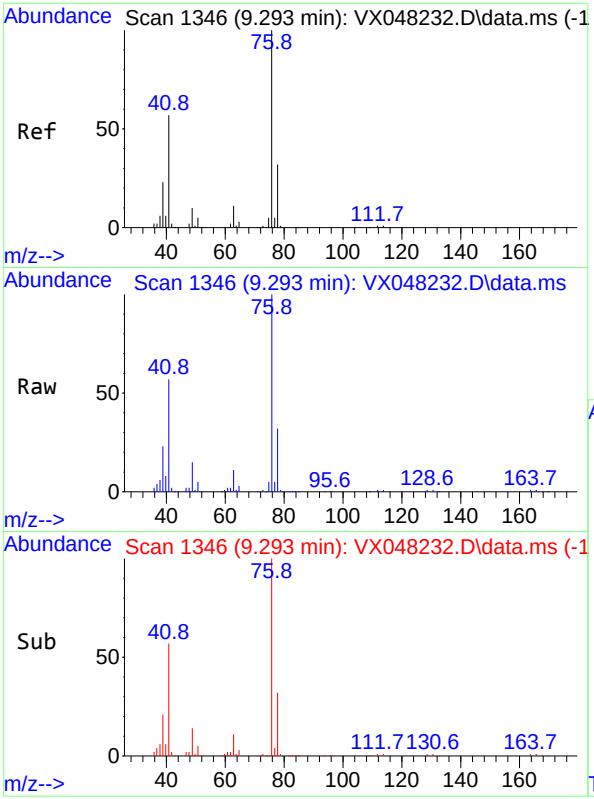




#56
Ethyl methacrylate
Concen: 50.292 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 69 Resp: 98851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.4 | 56.0 | 84.0 |
| 39 | 35.9 | 31.6 | 47.4 |



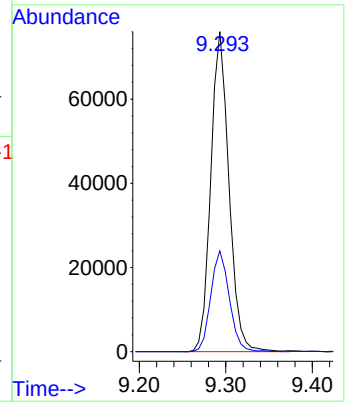


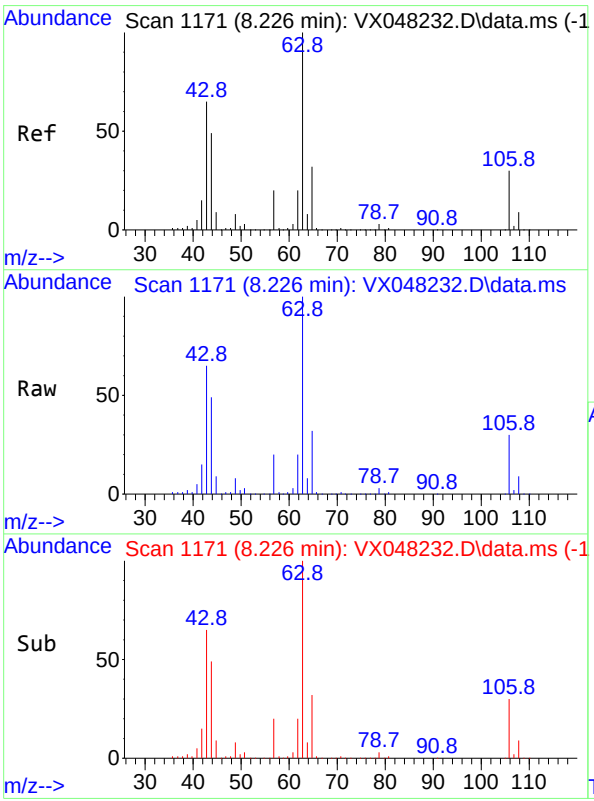

#57
1,3-Dichloropropane
Concen: 48.231 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 76 Resp: 110709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 25.4 | 38.0 |

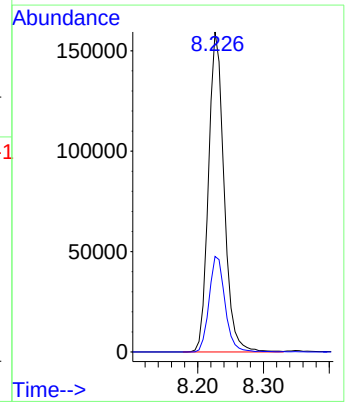


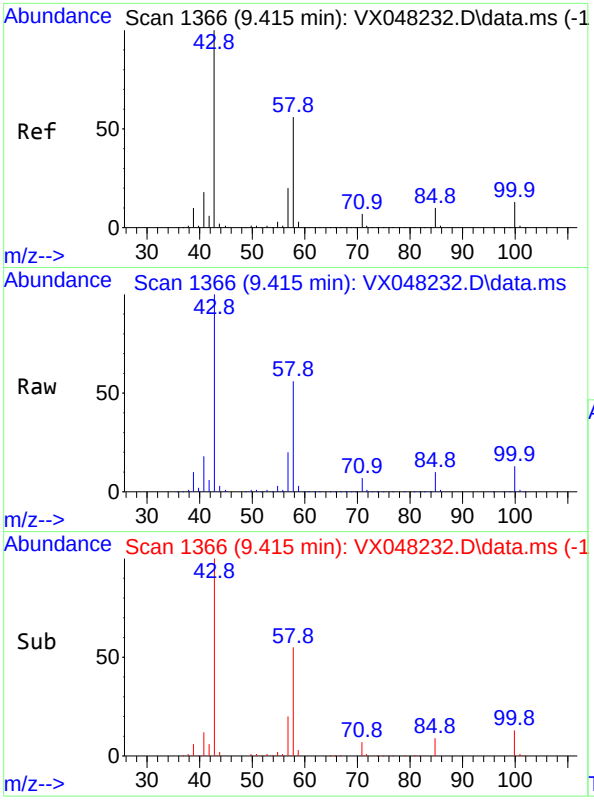




#58
2-Chloroethyl Vinyl ether
Concen: 248.279 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 262387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.6 | 22.2 | 33.2 |



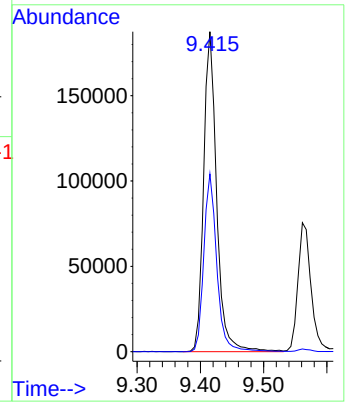


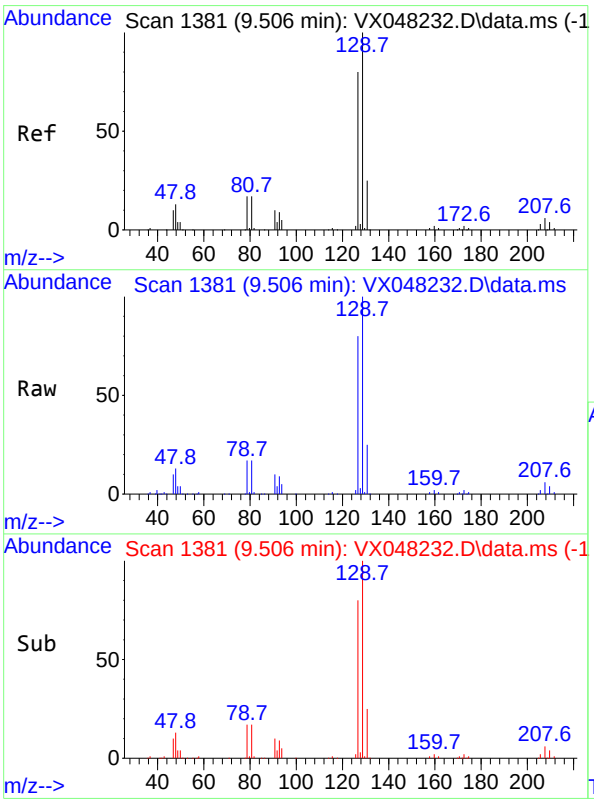

#59
2-Hexanone
Concen: 250.974 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 269143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.6 | 26.3 | 78.8 |

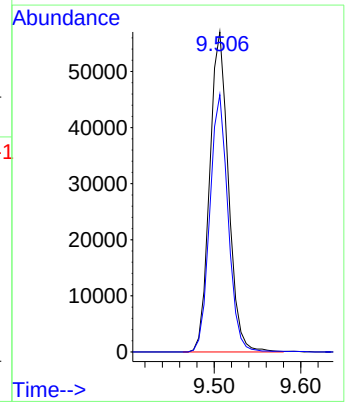


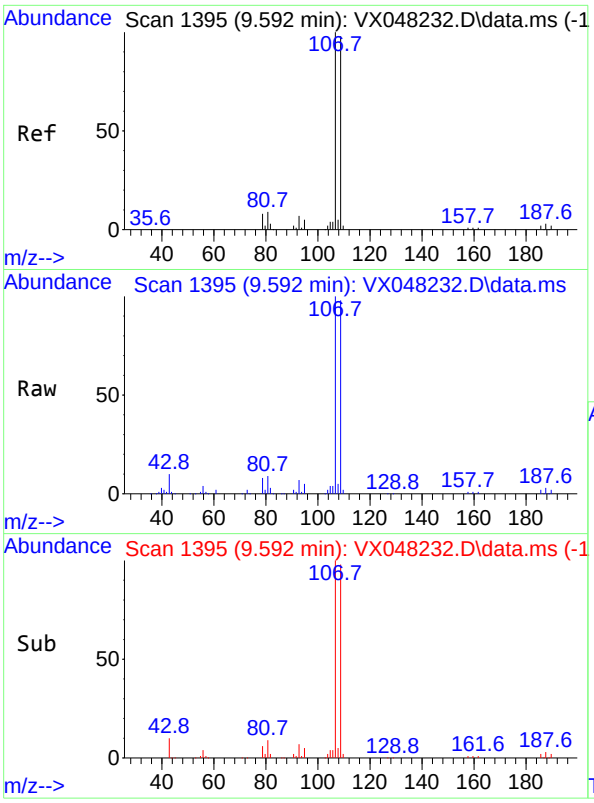




#60
Dibromochloromethane
Concen: 47.482 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:129 Resp: 85760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.4 | 38.6 | 115.7 |



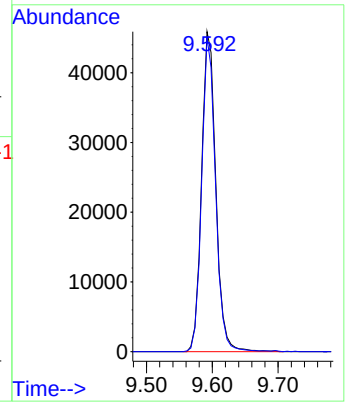


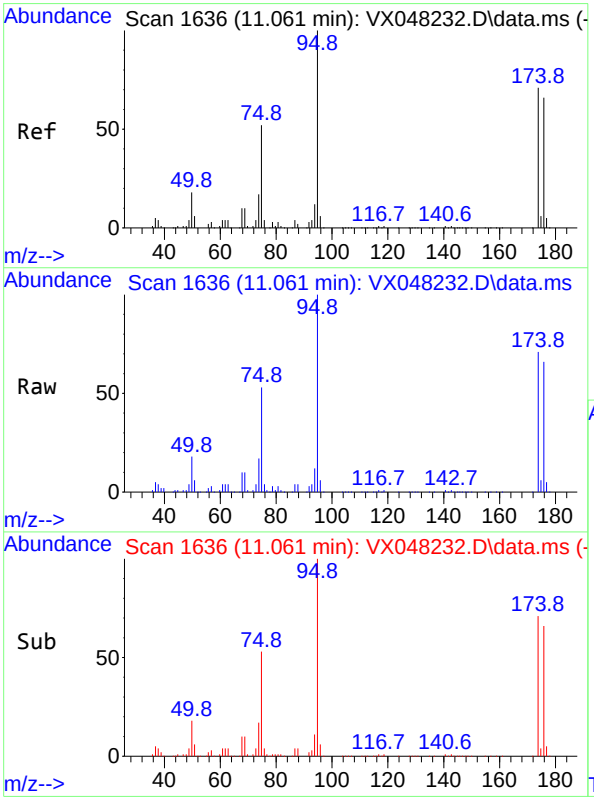

#61
1,2-Dibromoethane
Concen: 48.180 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:107 Resp: 69022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.5 | 77.0 | 115.4 |

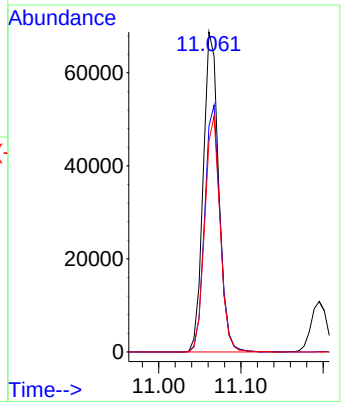


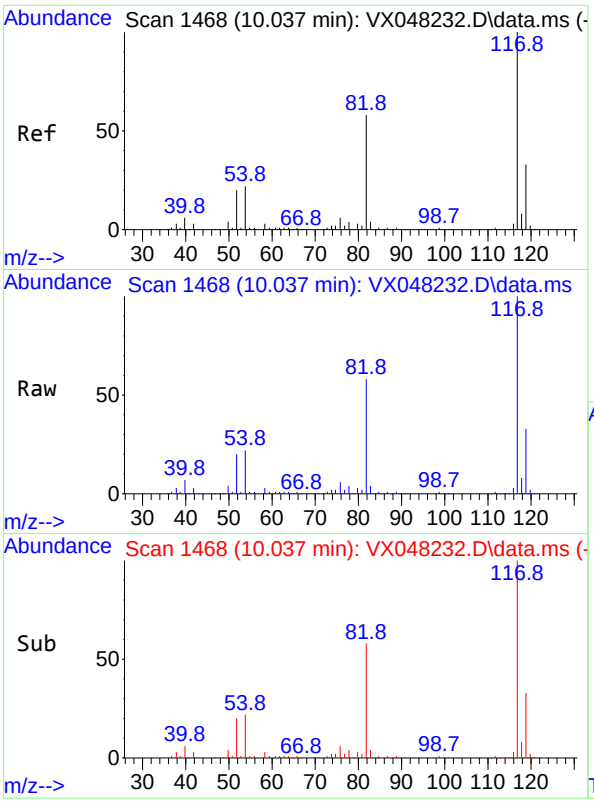




#62
4-Bromofluorobenzene
Concen: 48.737 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 95 Resp: 89579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.3 | 0.0 | 147.8 |
| 176 | 73.3 | 0.0 | 142.8 |



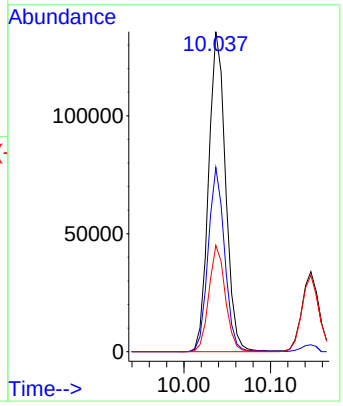


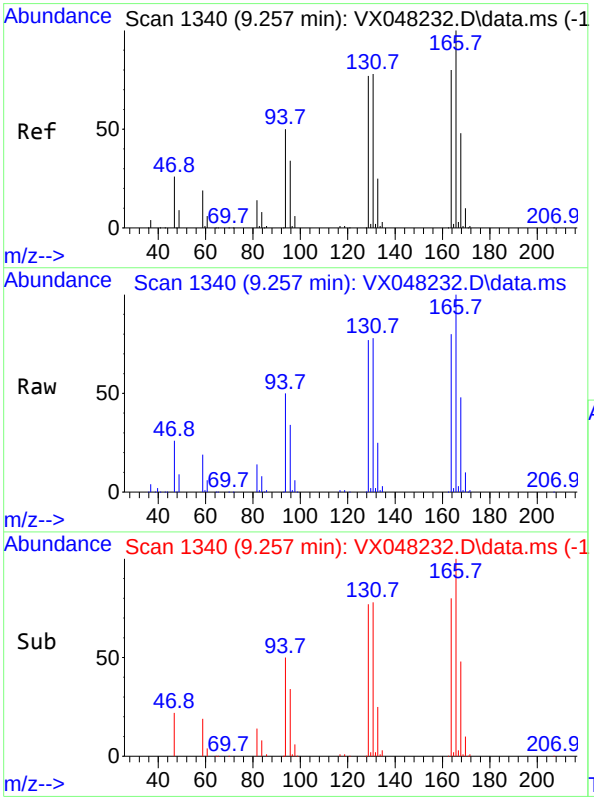

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:117 Resp: 184494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.6 | 46.5 | 69.7 |
| 119 | 33.2 | 25.9 | 38.9 |

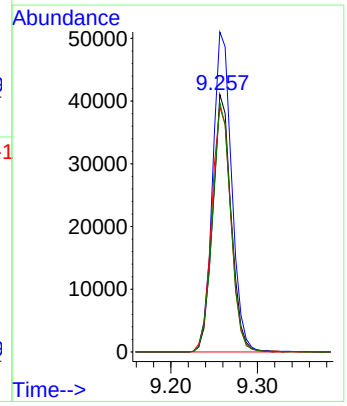


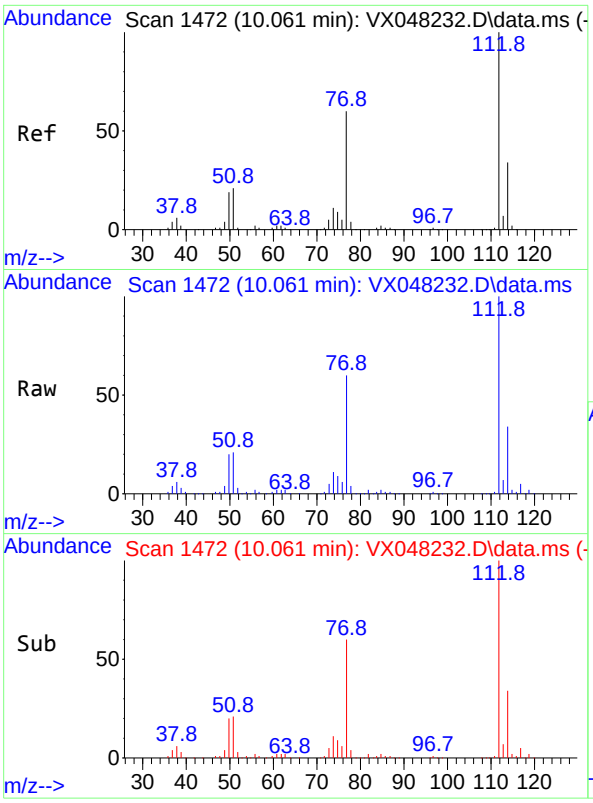




#64
Tetrachloroethene
Concen: 43.934 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:164 Resp: 60510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 124.3 | 104.5 | 156.7 |
| 129 | 95.1 | 81.8 | 122.6 |
| 131 | 96.8 | 77.0 | 115.6 |



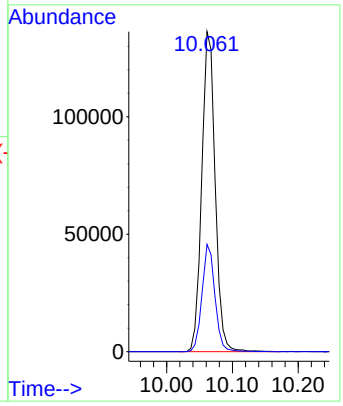


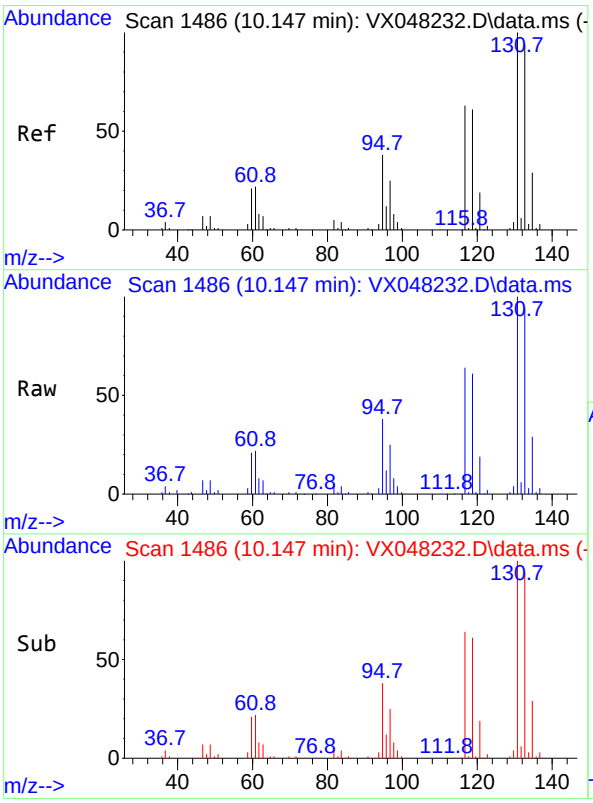

#65
Chlorobenzene
Concen: 46.465 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:112 Resp: 192841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.5 | 26.2 | 39.2 |

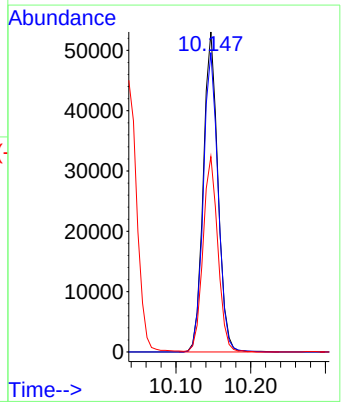


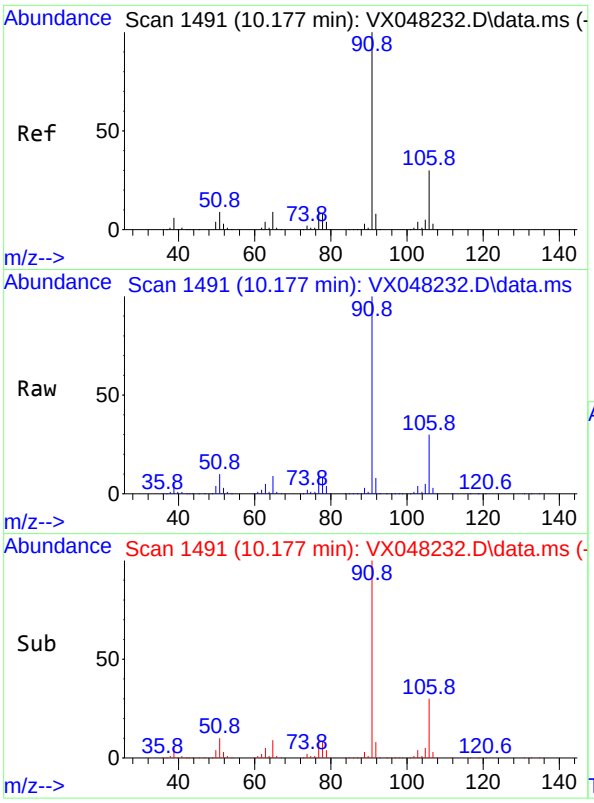




#66
1,1,1,2-Tetrachloroethane
Concen: 47.187 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:131 Resp: 71930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.7 | 47.6 | 142.8 |
| 119 | 62.0 | 32.5 | 97.5 |



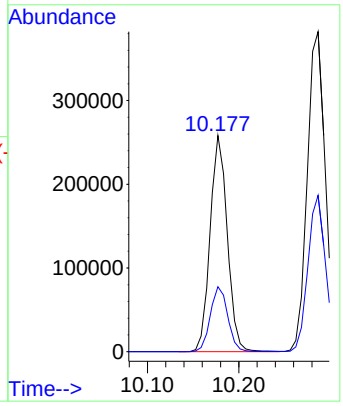


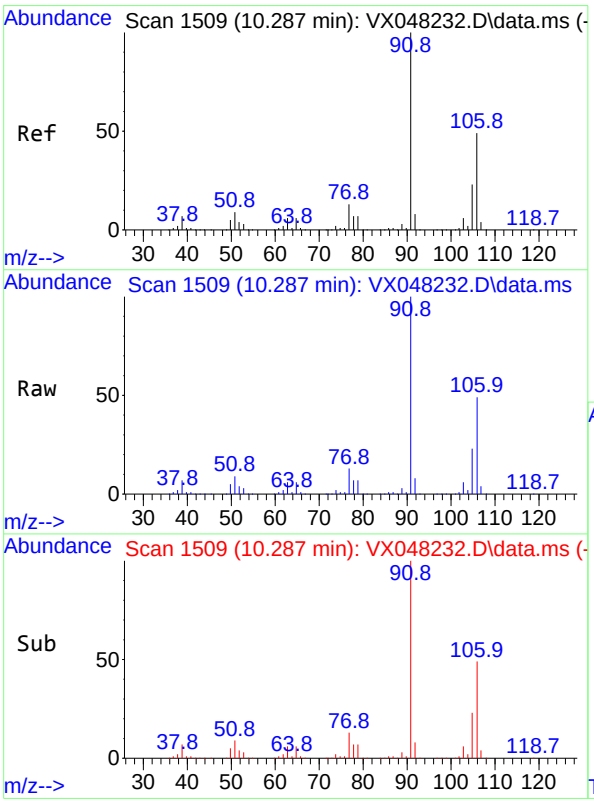

#67
Ethyl Benzene
Concen: 47.645 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 91 Resp: 336660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.1 | 23.8 | 35.6 |

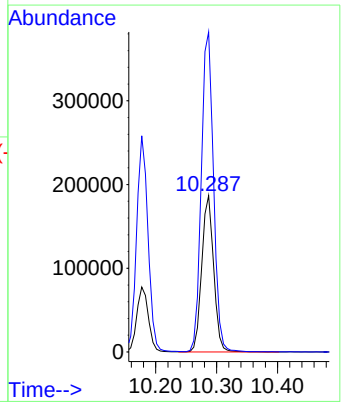


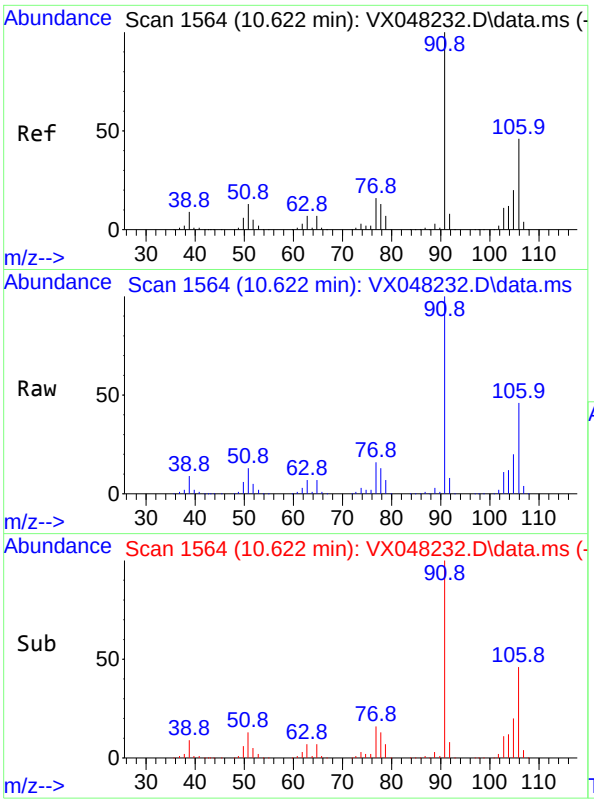




#68
m/p-Xylenes
Concen: 96.619 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:106 Resp: 253662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.1 | 167.9 | 251.9 |



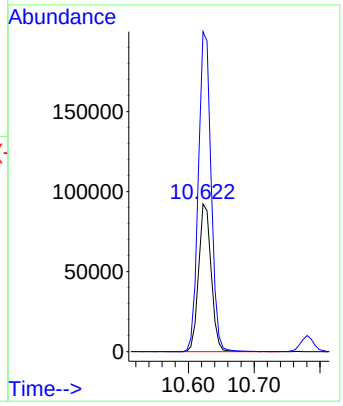


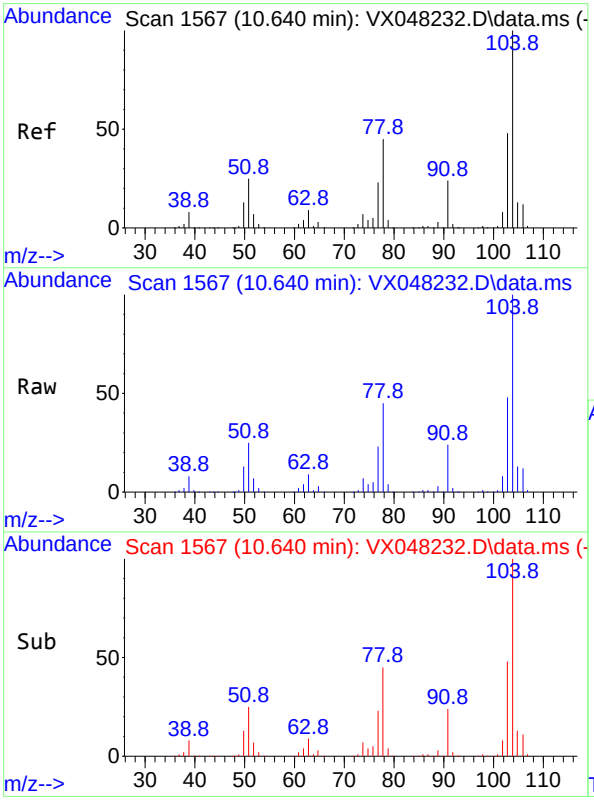

#69
o-Xylene
Concen: 48.363 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:106 Resp: 122582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.2 | 111.3 | 333.9 |

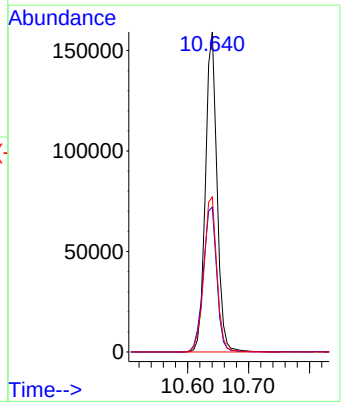


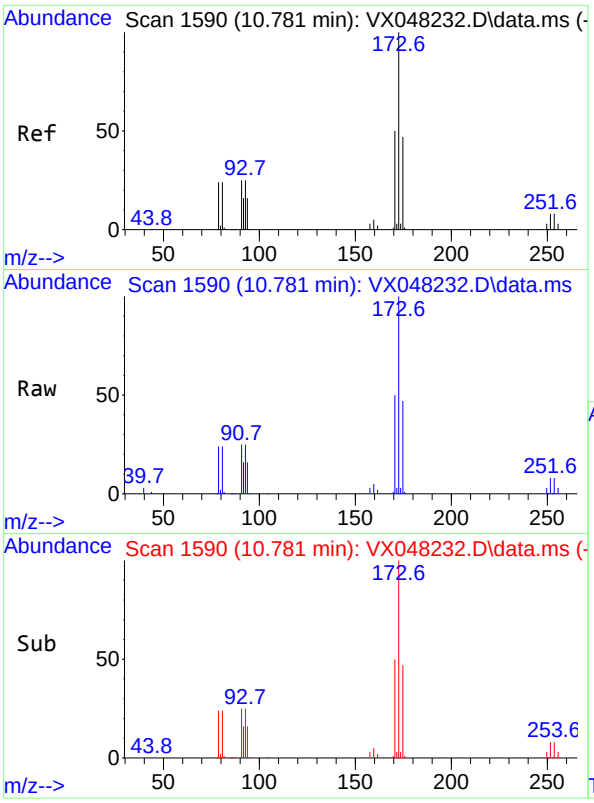




#70
Styrene
Concen: 48.857 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:104 Resp: 210861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.8 | 42.2 | 63.4 |
| 103 | 54.4 | 43.0 | 64.4 |



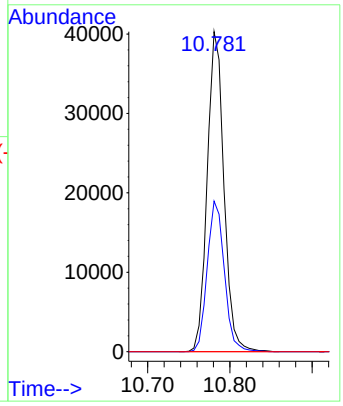


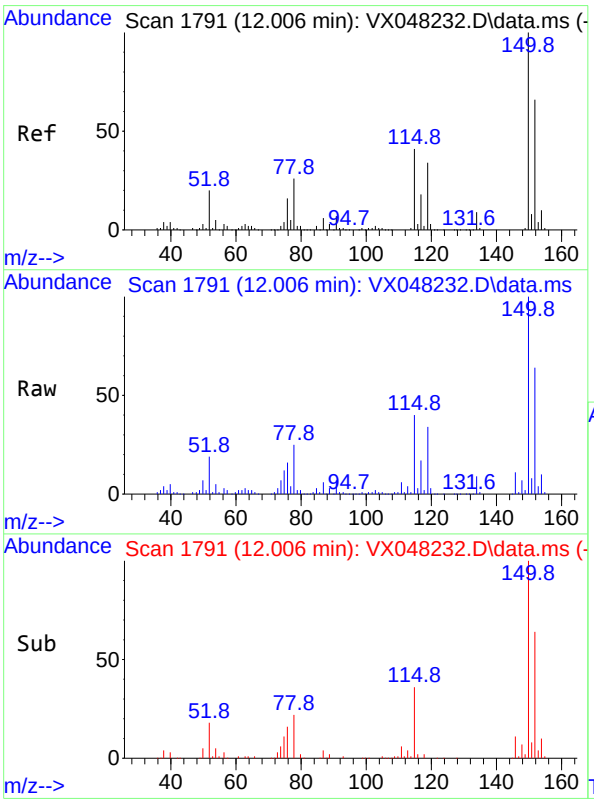

#71
Bromoform
Concen: 46.682 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:173 Resp: 56874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.2 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

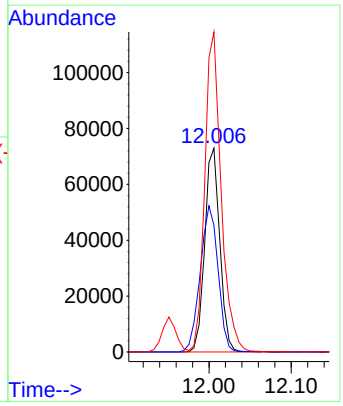


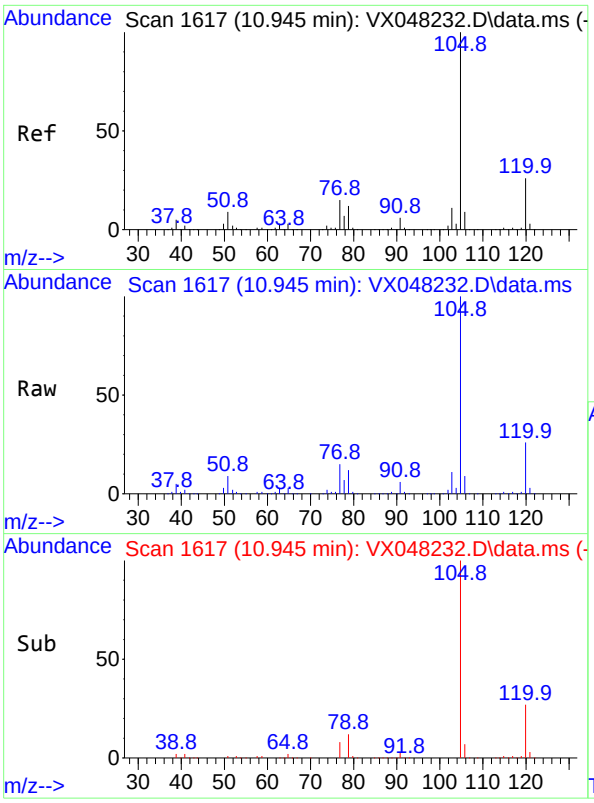




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:152 Resp: 92693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 84.9 | 43.1 | 129.4 |
| 150 | 171.1 | 0.0 | 353.0 |



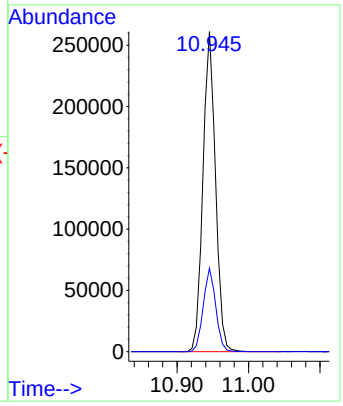


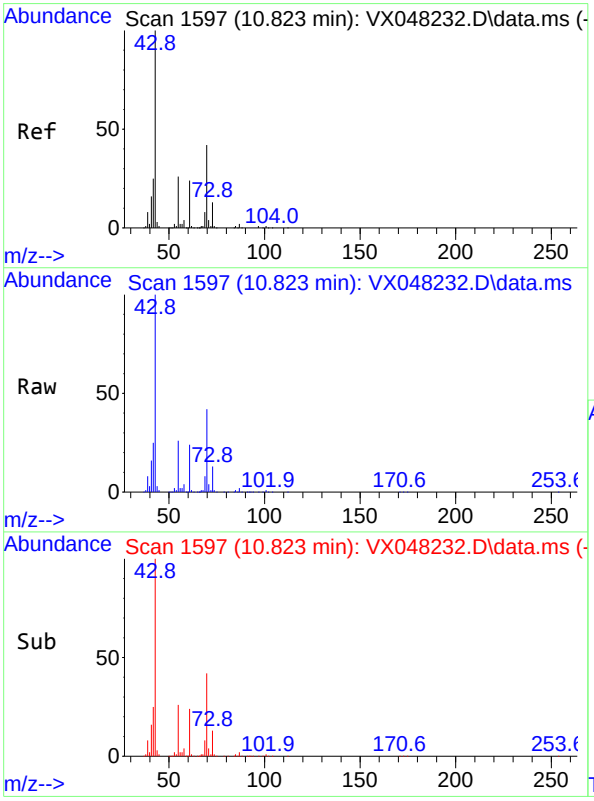

#73
Isopropylbenzene
Concen: 46.966 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:105 Resp: 317974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.0 | 13.0 | 38.9 |

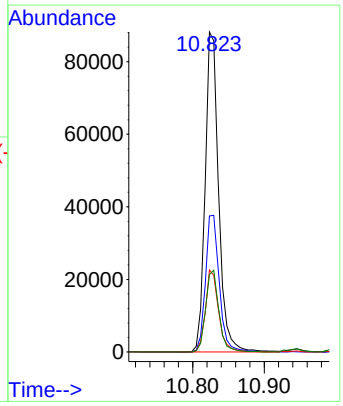


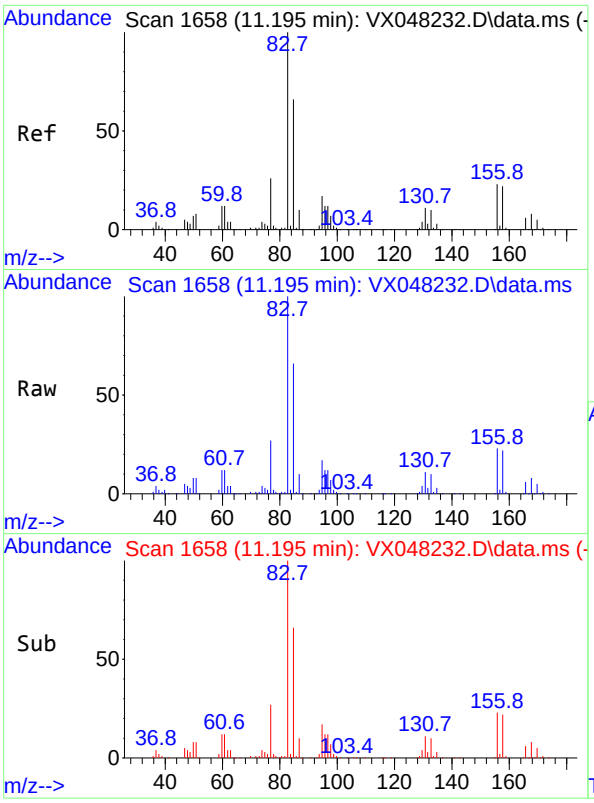




#74
N-amyl acetate
Concen: 48.171 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 115683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.8 | 32.2 | 48.2 |
| 55 | 25.1 | 19.1 | 28.7 |
| 61 | 25.1 | 18.6 | 28.0 |



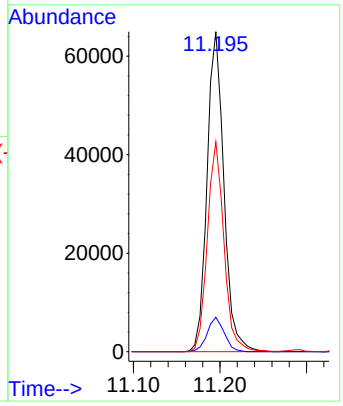


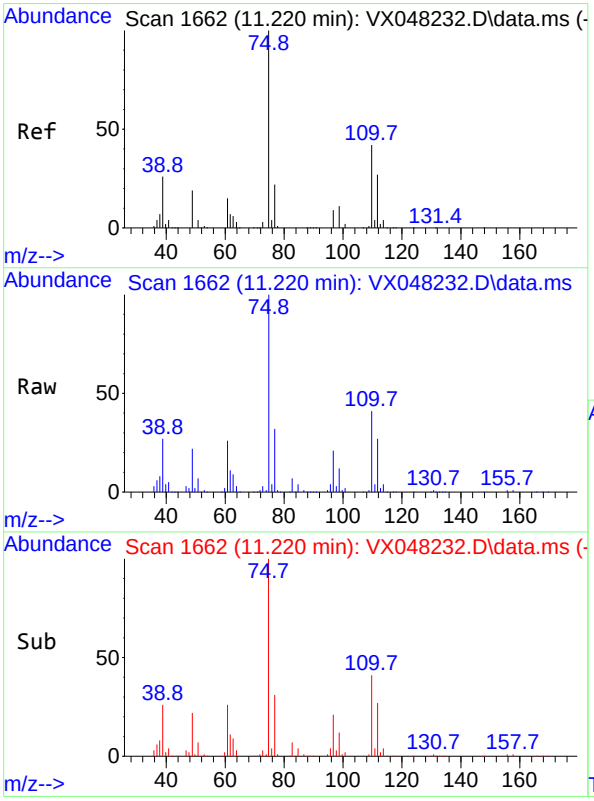

#75
1,1,2,2-Tetrachloroethane
Concen: 47.437 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 83 Resp: 87705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.9 | 4.8 | 14.4 |
| 85 | 64.5 | 31.9 | 95.7 |

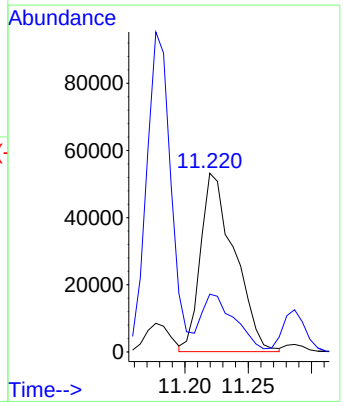


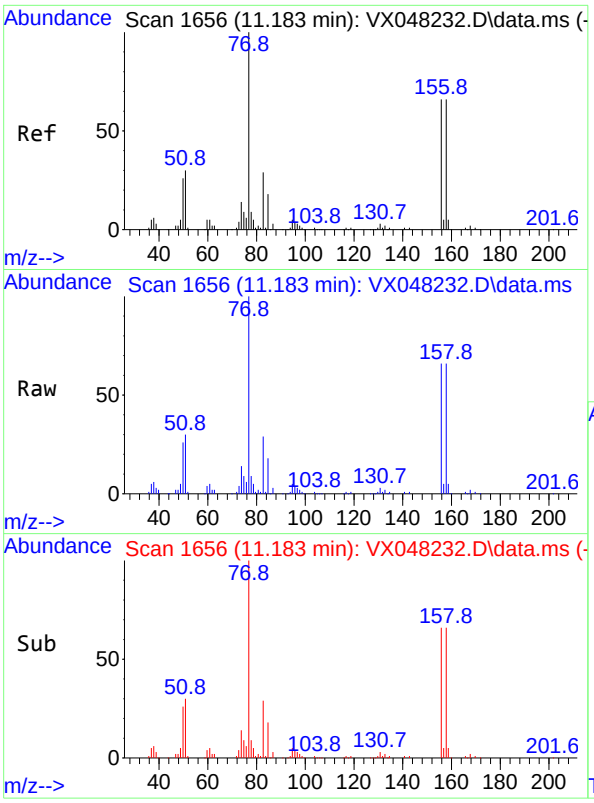




#76
1,2,3-Trichloropropane
Concen: 66.118 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 99387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.9 | 22.4 | 67.2 |



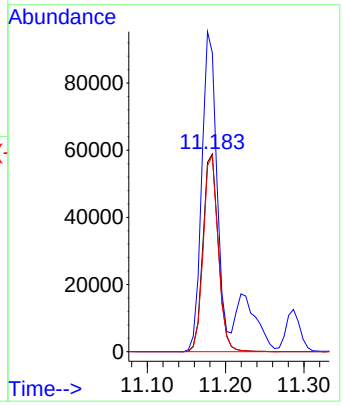


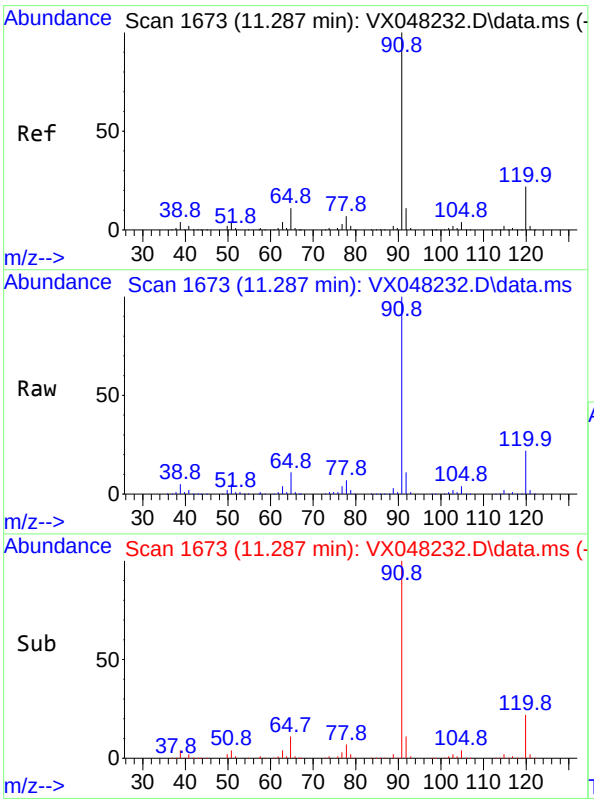

#77
Bromobenzene
Concen: 46.856 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:156 Resp: 79543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 161.6 | 87.0 | 261.0 |
| 158 | 97.3 | 47.8 | 143.4 |

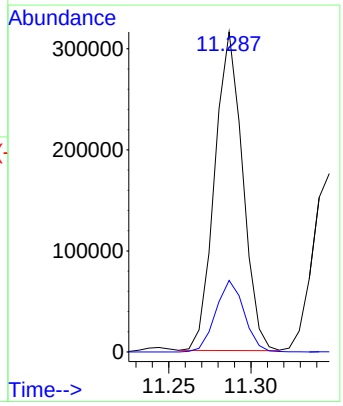


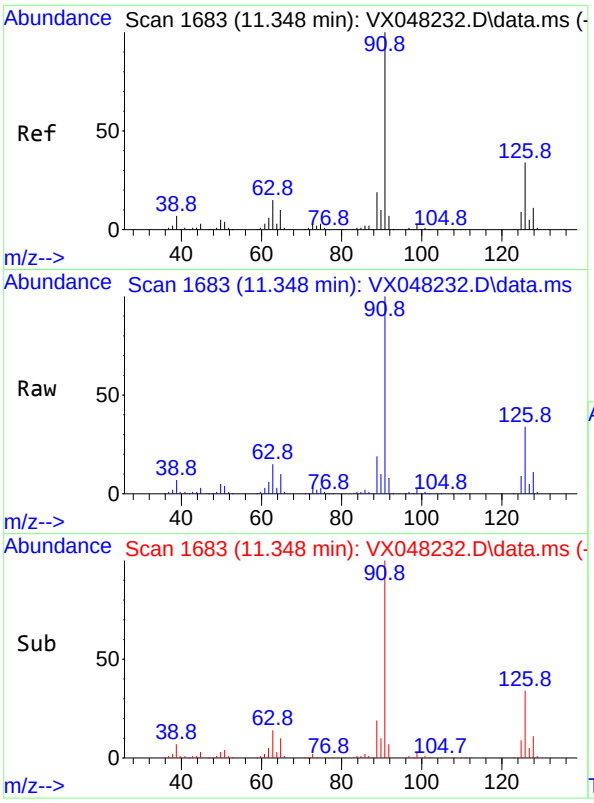




#78
n-propylbenzene
Concen: 47.496 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 372312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.9 | 11.1 | 33.1 |



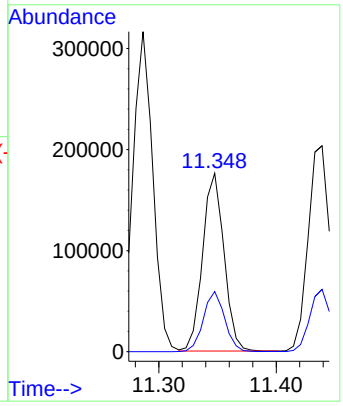


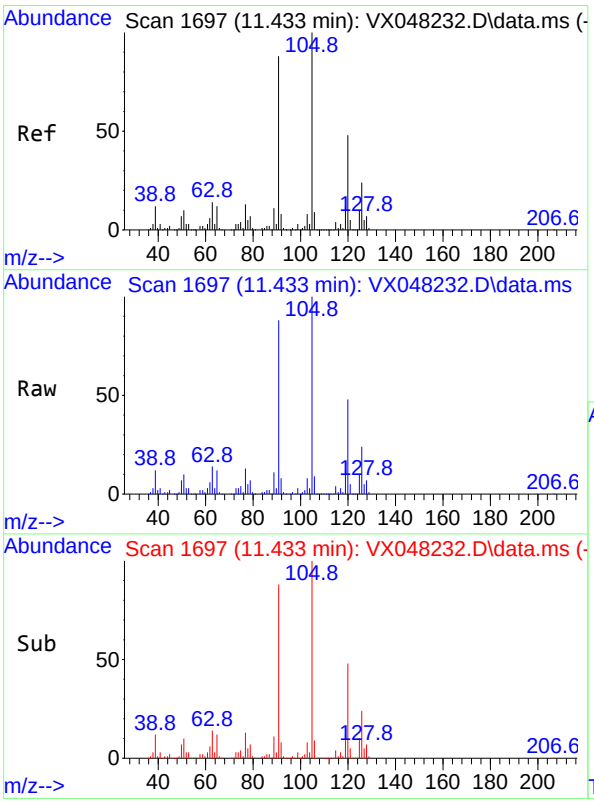

#79
2-Chlorotoluene
Concen: 46.757 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 91 Resp: 222217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.8 | 16.4 | 49.4 |

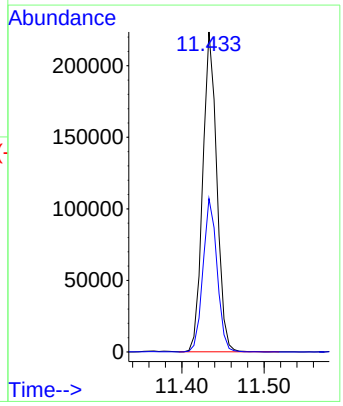


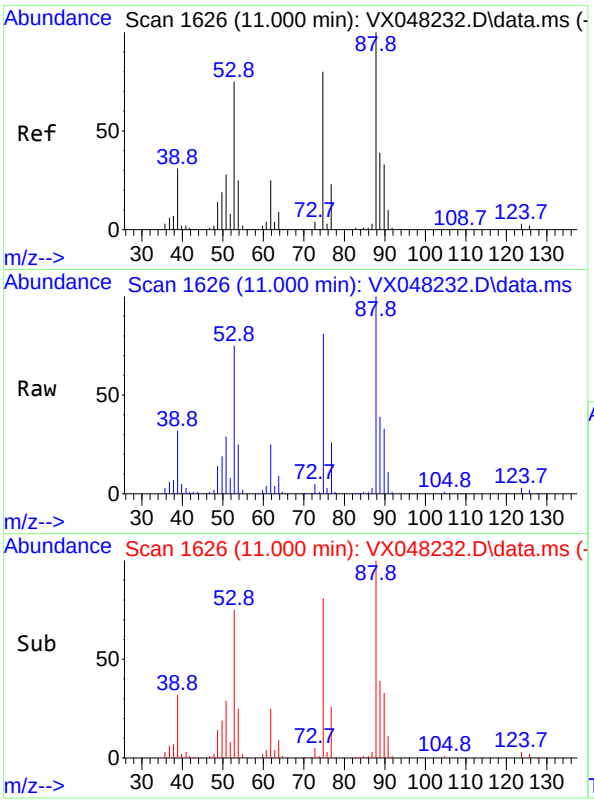




#80
1,3,5-Trimethylbenzene
Concen: 47.329 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 24.0 | 72.0 |



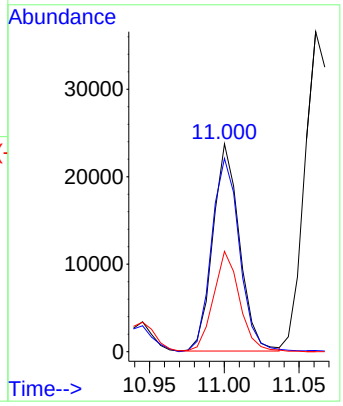


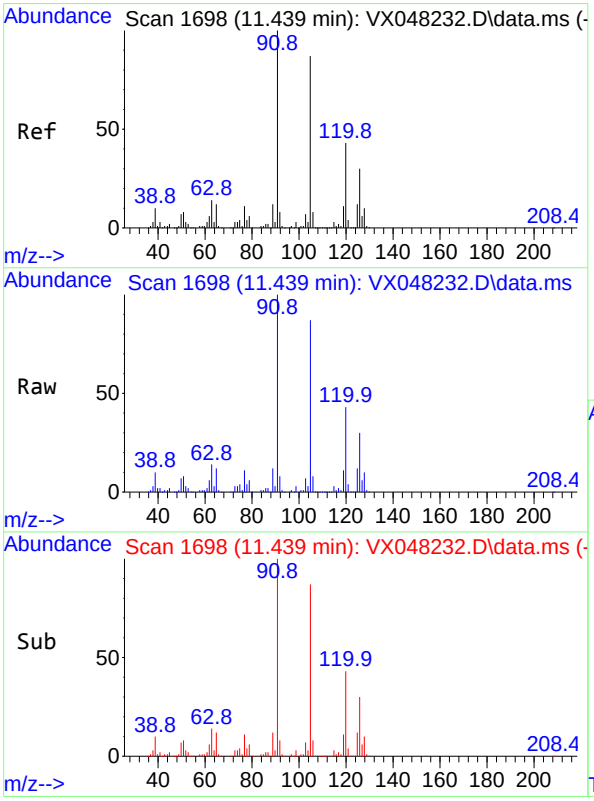

#81
trans-1,4-Dichloro-2-butene
Concen: 47.415 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 75 Resp: 29295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 98.5 | 79.5 | 119.3 |
| 89 | 48.0 | 36.8 | 55.2 |

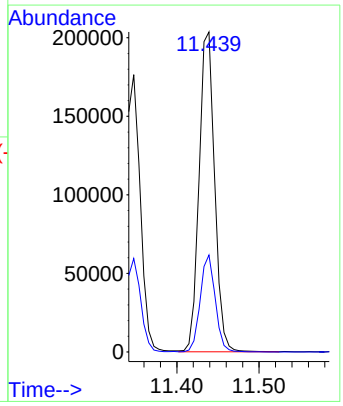


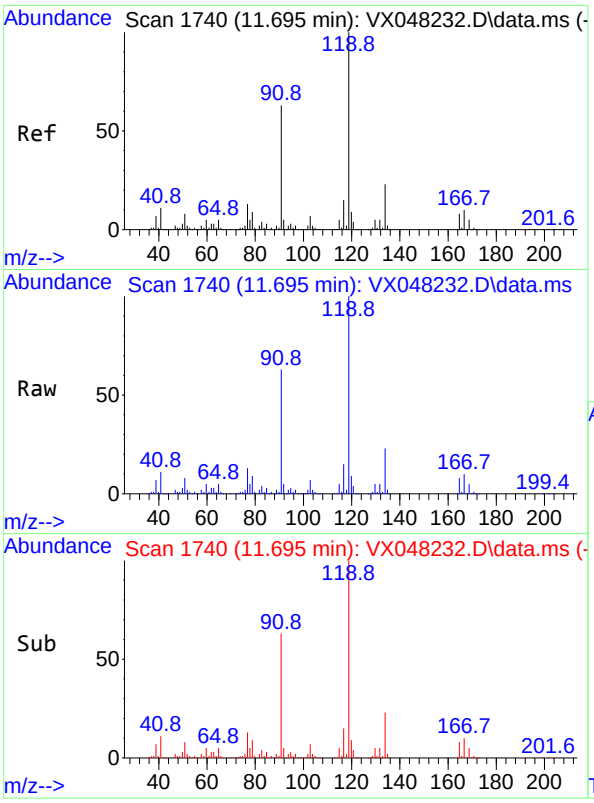




#82
4-Chlorotoluene
Concen: 47.367 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 267236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.3 | 14.1 | 42.4 |



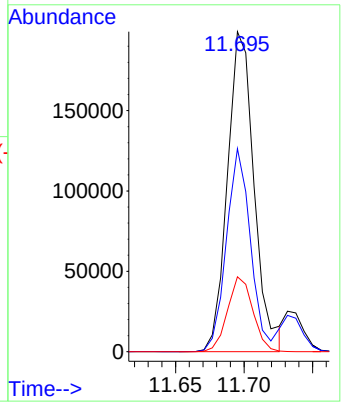


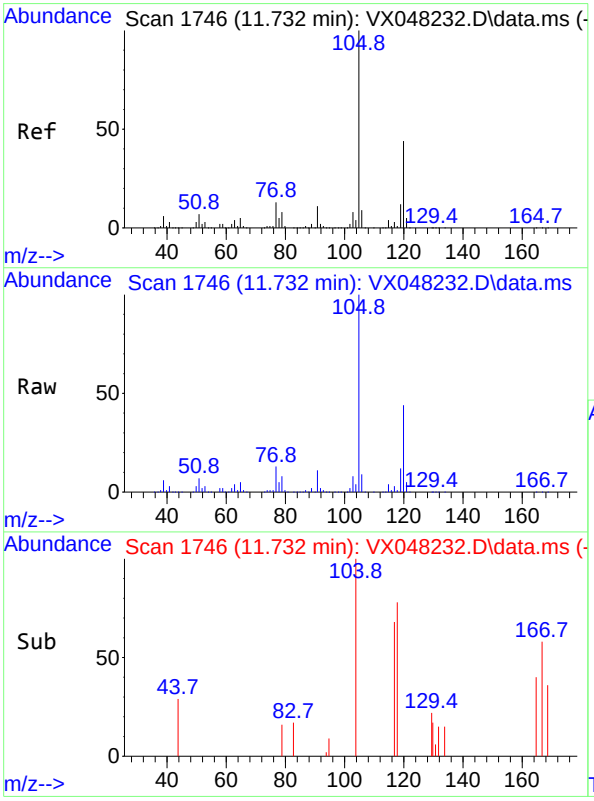

#83
tert-Butylbenzene
Concen: 46.938 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:119 Resp: 270202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.2 | 30.3 | 91.0 |
| 134 | 22.2 | 11.4 | 34.2 |

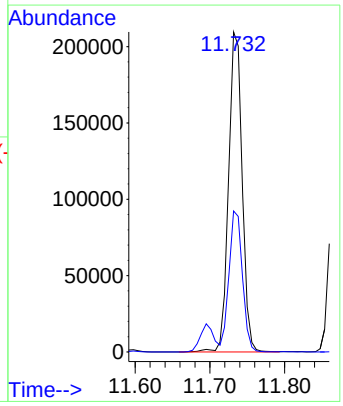


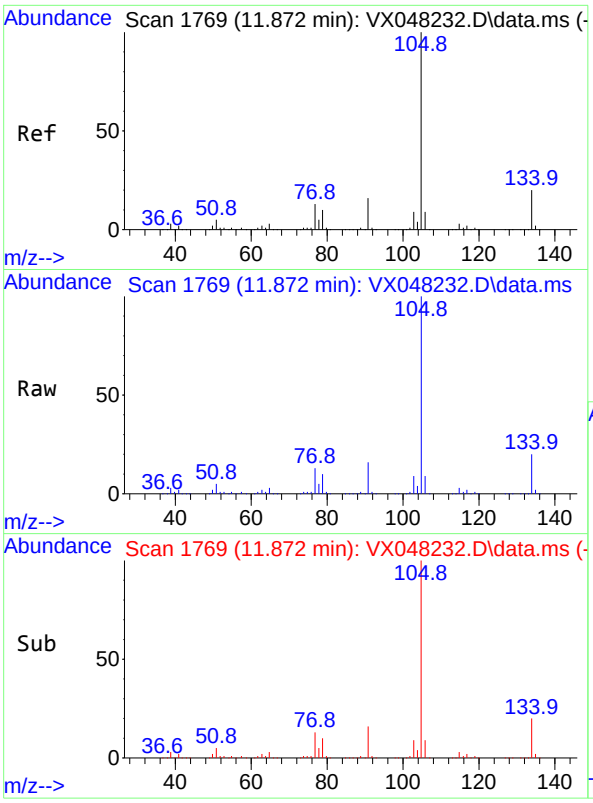




#84
1,2,4-Trimethylbenzene
Concen: 47.480 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 22.1 | 66.5 |



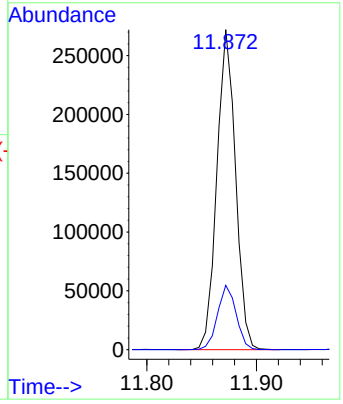


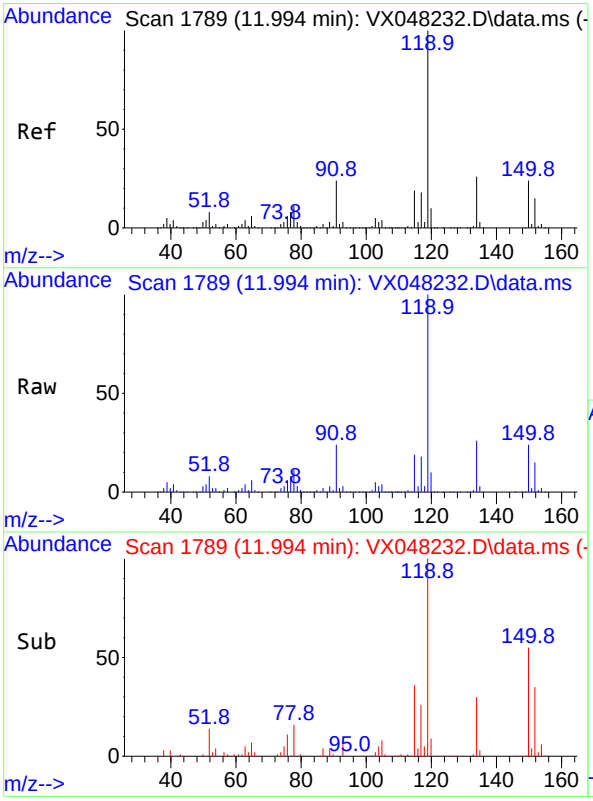

#85
sec-Butylbenzene
Concen: 46.524 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:105 Resp: 322219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.1 | 10.1 | 30.1 |

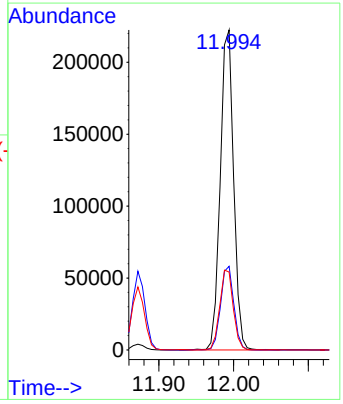


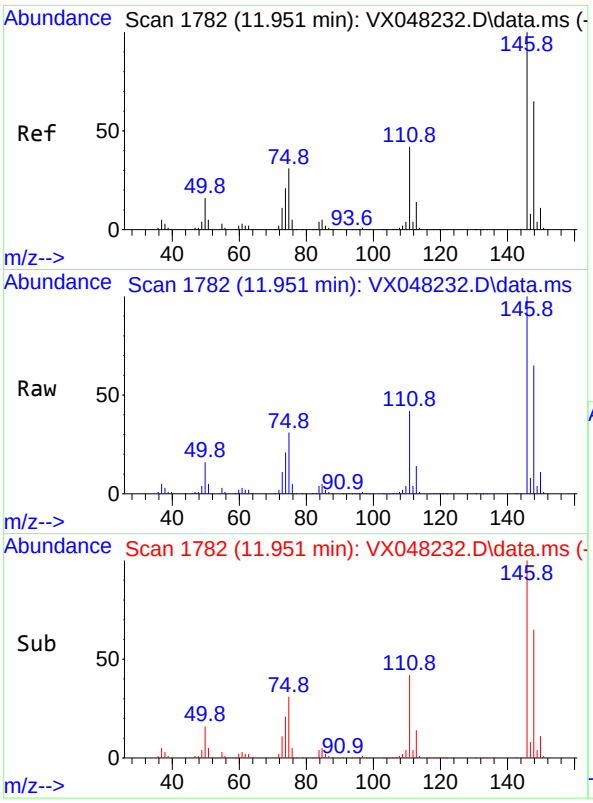




#86
p-Isopropyltoluene
Concen: 46.242 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:119 Resp: 276821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.9 | 13.0 | 39.0 |
| 91 | 25.3 | 12.1 | 36.3 |



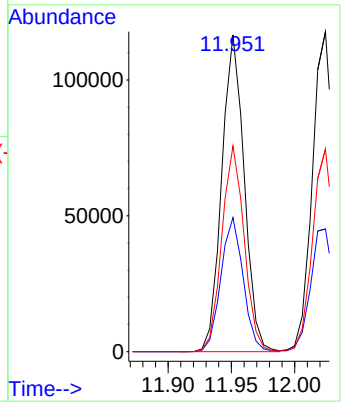


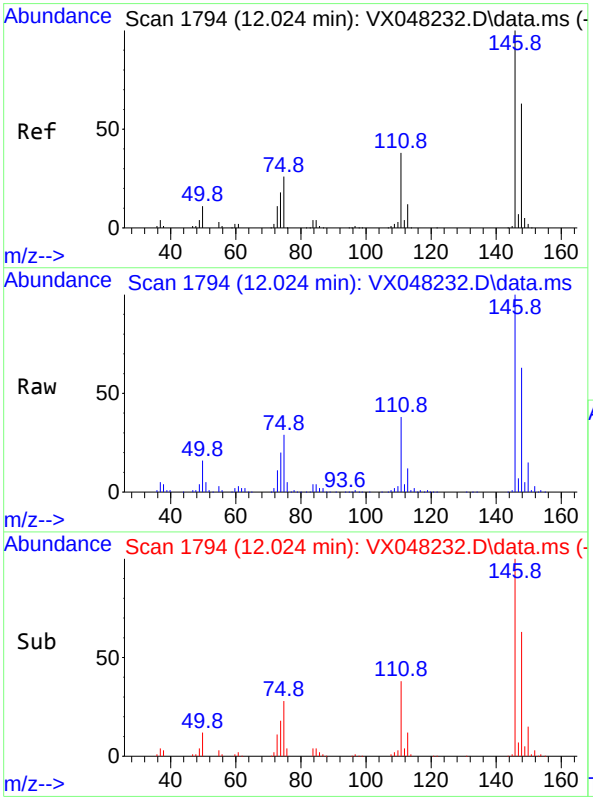

#87
1,3-Dichlorobenzene
Concen: 44.902 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:146 Resp: 143699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.1 | 20.4 | 61.2 |
| 148 | 64.6 | 31.9 | 95.9 |

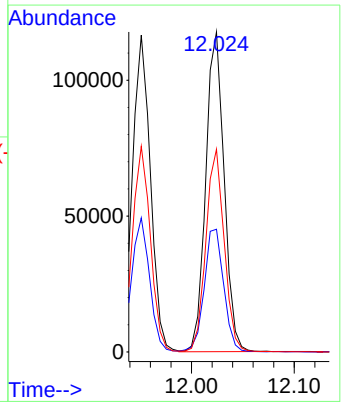


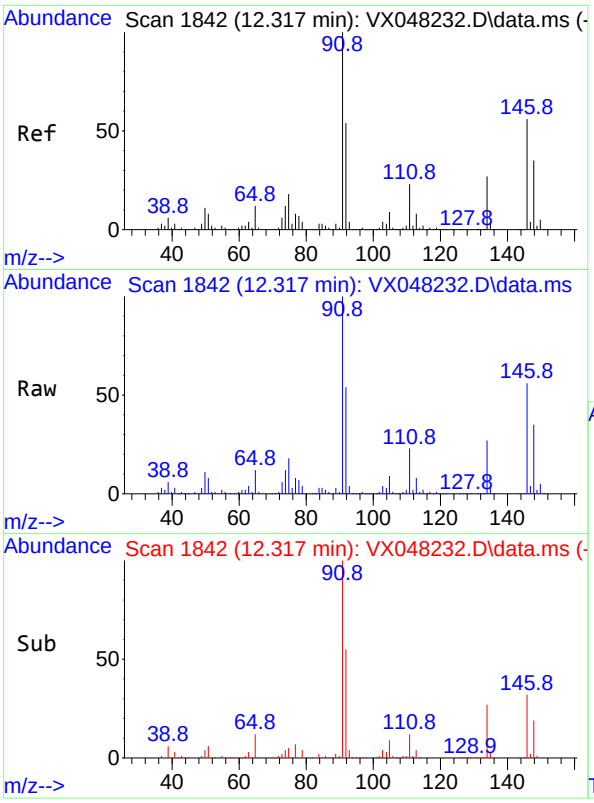




#88
1,4-Dichlorobenzene
Concen: 44.097 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:146 Resp: 146196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.8 | 20.1 | 60.2 |
| 148 | 63.3 | 31.8 | 95.3 |



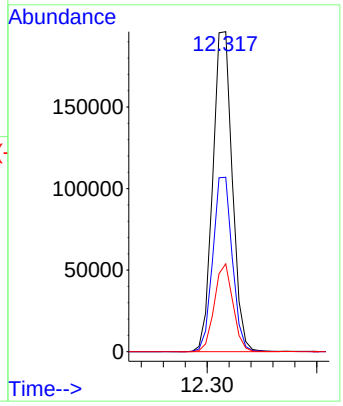


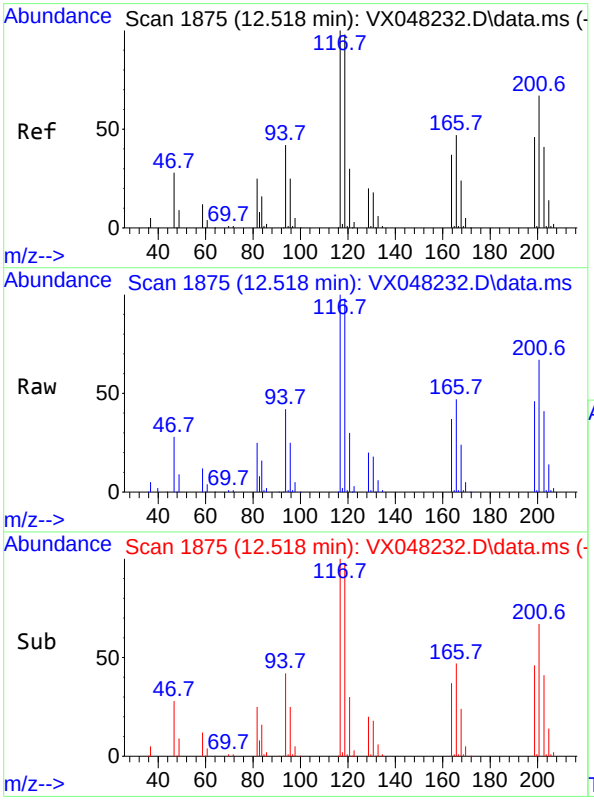

#89
n-Butylbenzene
Concen: 44.609 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 91 Resp: 243063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.5 | 26.9 | 80.6 |
| 134 | 26.2 | 12.7 | 38.1 |

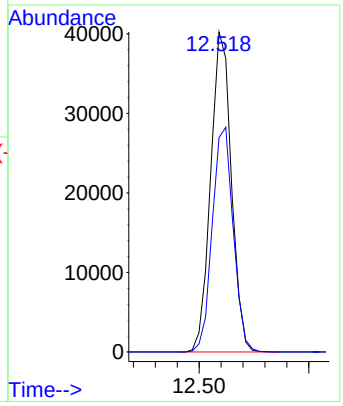


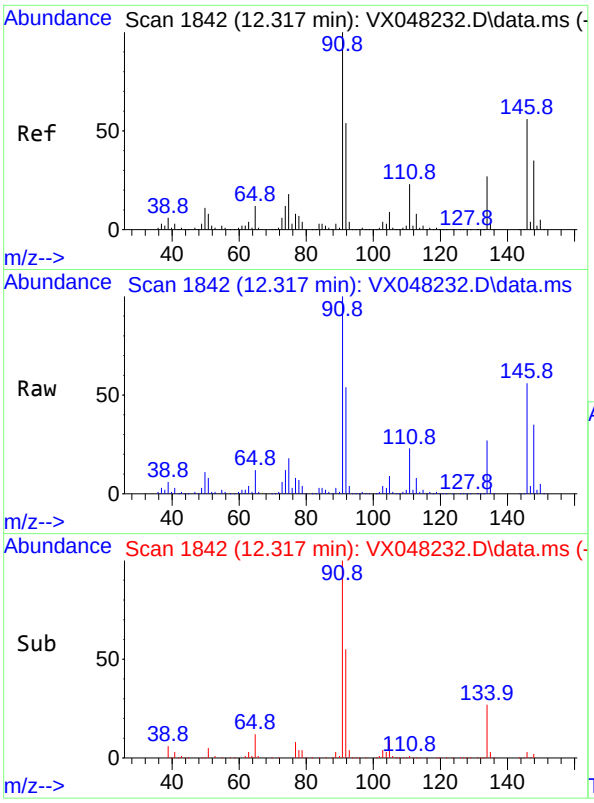




#90
Hexachloroethane
Concen: 44.609 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 52735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 71.2 | 34.1 | 102.2 |



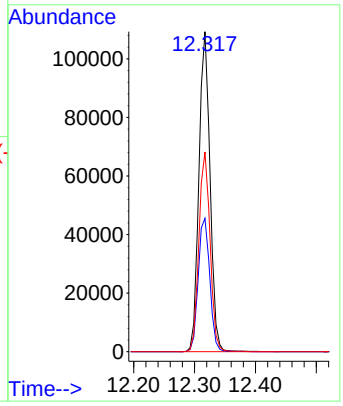


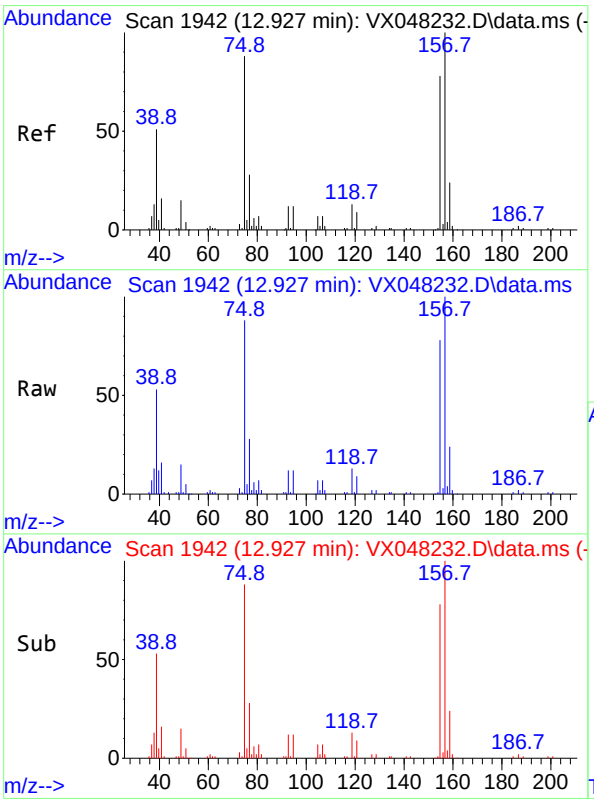

#91
1,2-Dichlorobenzene
Concen: 46.091 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:146 Resp: 138489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.4 | 21.9 | 65.5 |
| 148 | 62.9 | 31.9 | 95.5 |

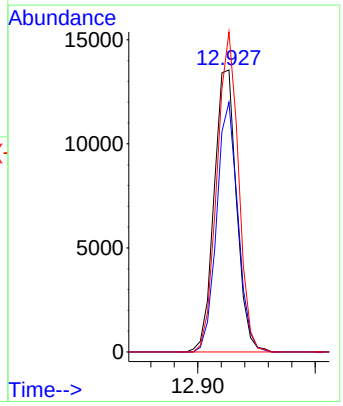


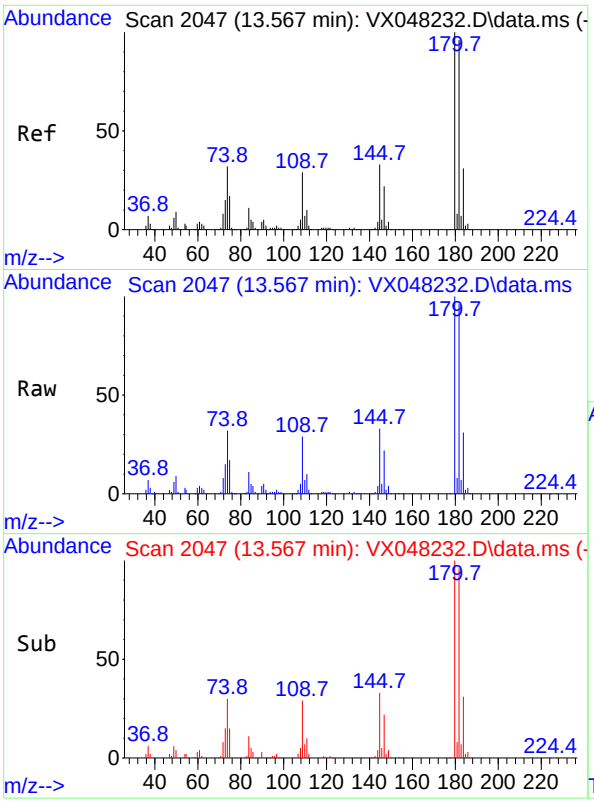




#92
1,2-Dibromo-3-Chloropropane
Concen: 48.120 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 18059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.5 | 42.8 | 128.4 |
| 157 | 108.0 | 54.2 | 162.6 |



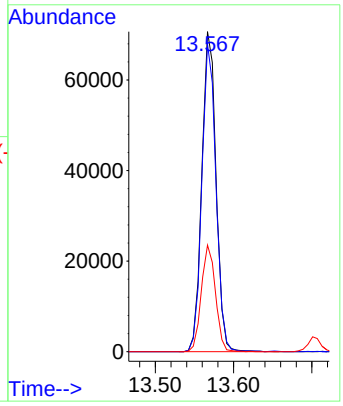


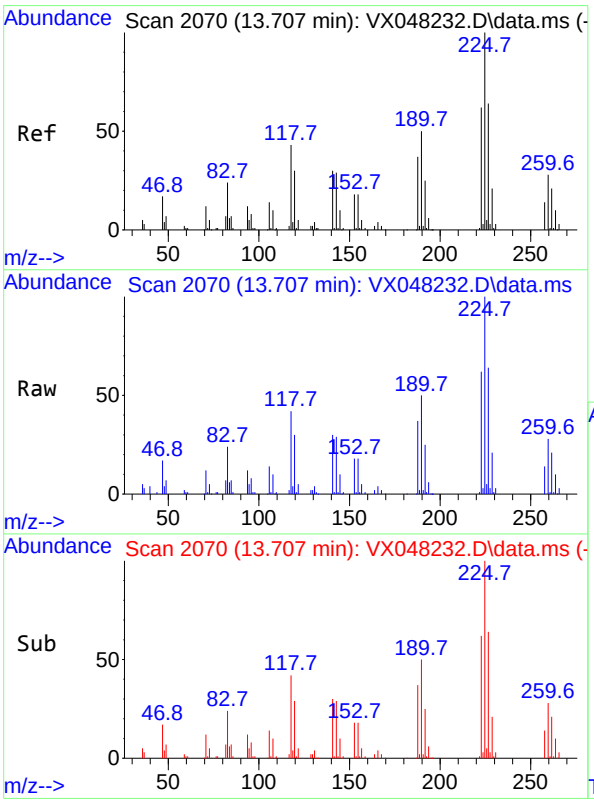

#93
1,2,4-Trichlorobenzene
Concen: 43.761 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:180 Resp: 88920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 47.3 | 142.0 |
| 145 | 33.1 | 16.3 | 48.9 |

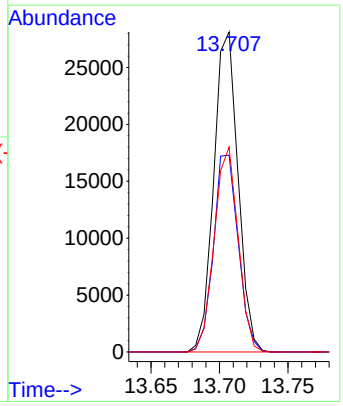


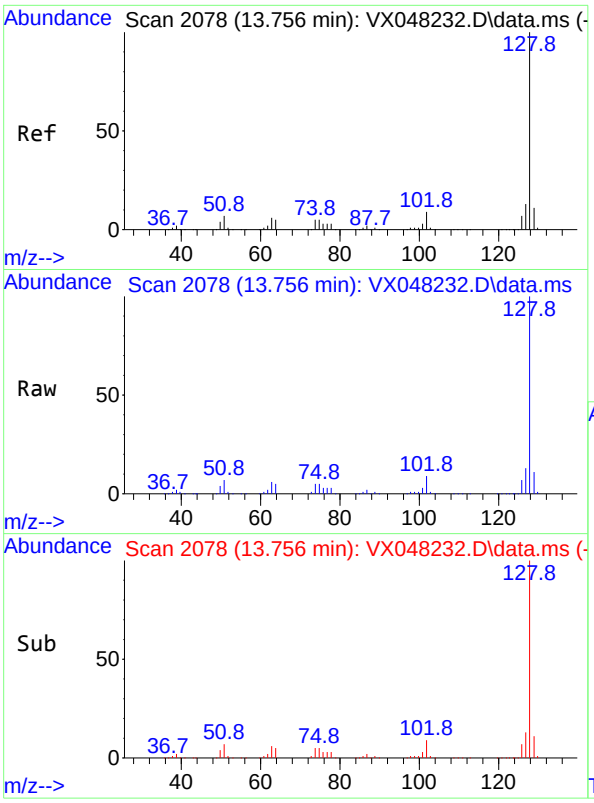




#94
Hexachlorobutadiene
Concen: 45.467 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:225 Resp: 34615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 32.6 | 97.7 |
| 227 | 62.9 | 32.5 | 97.4 |



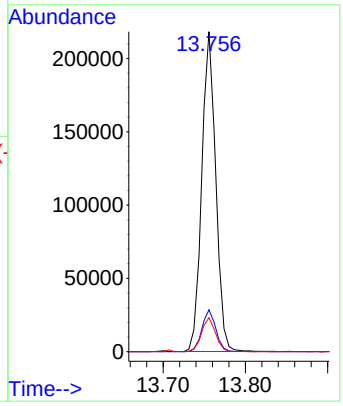


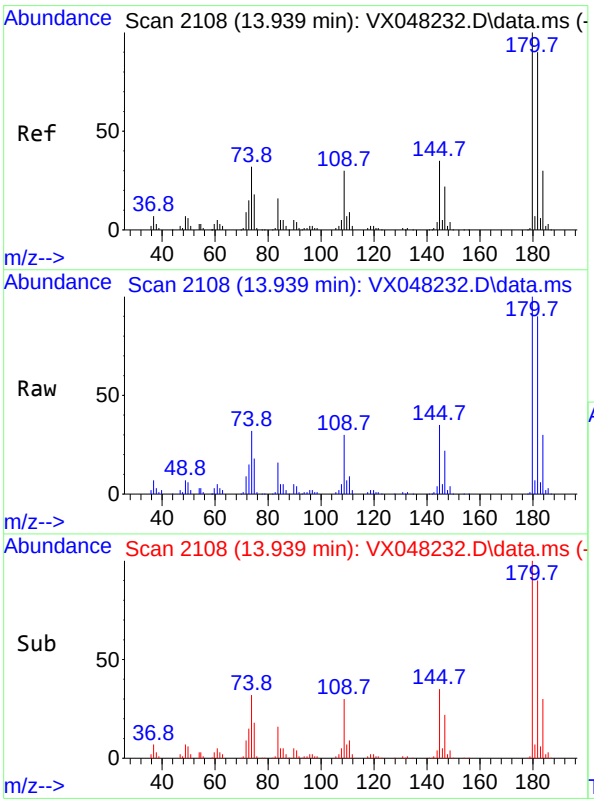

#95
Naphthalene
Concen: 47.792 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICCC050

Tgt Ion:128 Resp: 257281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.2 | 15.4 |
| 129 | 10.6 | 8.6 | 12.8 |

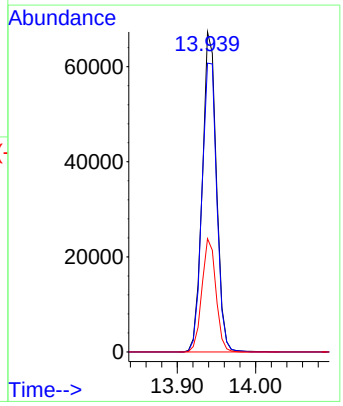



#96
1,2,3-Trichlorobenzene
Concen: 45.200 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:180 Resp: 84279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 46.6 | 139.7 |
| 145 | 35.0 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.537 | 168 | 117551 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.750 | 114 | 187766 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.036 | 117 | 163588 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 80621 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 162188 | 98.406 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 196.820%# | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 129919 | 101.351 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 202.700%# | | | |
| 50) Toluene-d8 | 8.634 | 98 | 448948 | 99.920 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 199.840%# | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 167565 | 98.032 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 196.060%# | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 127029 | 105.118 | ug/l | 97 |
| 3) Chloromethane | 1.300 | 50 | 111895 | 99.201 | ug/l | 100 |
| 4) Vinyl Chloride | 1.379 | 62 | 108564 | 103.938 | ug/l | 100 |
| 5) Bromomethane | 1.605 | 94 | 65752 | 92.758 | ug/l | 99 |
| 6) Chloroethane | 1.690 | 64 | 66332 | 108.072 | ug/l | 92 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 213301 | 106.479 | ug/l | 98 |
| 8) Diethyl Ether | 2.135 | 74 | 58302 | 103.435 | ug/l | 88 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 136951 | 107.961 | ug/l | 96 |
| 10) Methyl Iodide | 2.452 | 142 | 183697 | 115.192 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.952 | 59 | 78284 | 478.391 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.324 | 96 | 131152 | 106.271 | ug/l | 93 |
| 13) Acrolein | 2.239 | 56 | 87244 | 522.748 | ug/l | 100 |
| 14) Allyl chloride | 2.666 | 41 | 214290 | 104.584 | ug/l | 98 |
| 15) Acrylonitrile | 3.056 | 53 | 298022 | 505.062 | ug/l | 100 |
| 16) Acetone | 2.373 | 43 | 260058 | 459.946 | ug/l | 99 |
| 17) Carbon Disulfide | 2.513 | 76 | 380127 | 97.731 | ug/l | 99 |
| 18) Methyl Acetate | 2.702 | 43 | 120920 | 102.405 | ug/l | 93 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 427254 | 101.480 | ug/l | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 140317 | 101.850 | ug/l | 93 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 139080 | 102.594 | ug/l | 96 |
| 22) Diisopropyl ether | 3.751 | 45 | 420126 | 102.802 | ug/l | 89 |
| 23) Vinyl Acetate | 3.714 | 43 | 1723170 | 527.850 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 248141 | 100.417 | ug/l | 99 |
| 25) 2-Butanone | 4.543 | 43 | 353741 | 494.285 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.470 | 77 | 228643 | 102.510 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 163444 | 103.308 | ug/l | 98 |
| 28) Bromochloromethane | 4.885 | 49 | 108536 | 105.928 | ug/l | 86 |
| 29) Tetrahydrofuran | 4.989 | 42 | 216543 | 505.219 | ug/l | 93 |
| 30) Chloroform | 5.080 | 83 | 264966 | 100.362 | ug/l | 98 |
| 31) Cyclohexane | 5.464 | 56 | 217717 | 106.419 | ug/l | 91 |
| 32) 1,1,1-Trichloroethane | 5.373 | 97 | 248018 | 101.932 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 183932 | 100.953 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 153844 | 101.872 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.665 | 117 | 226976 | 100.976 | ug/l | 99 |
| 39) Methylcyclohexane | 7.366 | 83 | 235208 | 109.312 | ug/l | 95 |
| 40) Benzene | 6.025 | 78 | 535407 | 101.216 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.909 | 41 | 83790 | 105.653 ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 198348 | 101.616 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.324 | 43 | 256067 | 103.227 ug/l | | 95 |
| 44) Trichloroethene | 7.110 | 130 | 142779 | 102.221 ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 130188 | 103.516 ug/l | | 96 |
| 46) Dibromomethane | 7.567 | 93 | 98105 | 100.126 ug/l | | 94 |
| 47) Bromodichloromethane | 7.805 | 83 | 215302 | 101.770 ug/l | | 99 |
| 48) Methyl methacrylate | 7.677 | 41 | 131454 | 105.017 ug/l | | 95 |
| 49) 1,4-Dioxane | 7.647 | 88 | 35972 | 2175.223 ug/l | | 89 |
| 51) 4-Methyl-2-Pentanone | 8.561 | 43 | 720980 | 504.097 ug/l | | 94 |
| 52) Toluene | 8.701 | 92 | 341597 | 101.651 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.963 | 75 | 215736 | 105.820 ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 231037 | 105.038 ug/l | | 94 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 124910 | 99.952 ug/l | | 98 |
| 56) Ethyl methacrylate | 9.104 | 69 | 196699 | 107.610 ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 214853 | 100.650 ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 505448 | 512.470 ug/l | | 96 |
| 59) 2-Hexanone | 9.415 | 43 | 509398 | 510.781 ug/l | | 95 |
| 60) Dibromochloromethane | 9.506 | 129 | 166167 | 98.928 ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.591 | 107 | 134662 | 101.077 ug/l | | 97 |
| 64) Tetrachloroethene | 9.256 | 164 | 121163 | 99.215 ug/l | | 97 |
| 65) Chlorobenzene | 10.061 | 112 | 375532 | 102.048 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 140599 | 104.022 ug/l | | 97 |
| 67) Ethyl Benzene | 10.177 | 91 | 656925 | 104.850 ug/l | | 98 |
| 68) m/p-Xylenes | 10.286 | 106 | 490879 | 210.869 ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 236648 | 105.297 ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 407916 | 106.594 ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 109613 | 101.467 ug/l | # | 98 |
| 73) Isopropylbenzene | 10.945 | 105 | 624767 | 106.098 ug/l | | 99 |
| 74) N-amyl acetate | 10.829 | 43 | 228080 | 109.195 ug/l | | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 164207 | 102.114 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 192703 | 147.394 ug/l | | 78 |
| 77) Bromobenzene | 11.183 | 156 | 153619 | 104.042 ug/l | | 93 |
| 78) n-propylbenzene | 11.286 | 91 | 732684 | 107.464 ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 434217 | 105.044 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.432 | 105 | 519549 | 106.616 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 59059 | 109.902 ug/l | | 98 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 506861 | 103.293 ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 529264 | 105.707 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.731 | 105 | 523474 | 107.638 ug/l | | 99 |
| 85) sec-Butylbenzene | 11.871 | 105 | 639904 | 106.228 ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.987 | 119 | 548119 | 105.271 ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 281617 | 101.174 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 277908 | 96.377 ug/l | | 98 |
| 89) n-Butylbenzene | 12.316 | 91 | 495486 | 104.552 ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 107057 | 104.121 ug/l | | 93 |
| 91) 1,2-Dichlorobenzene | 12.316 | 146 | 261022 | 99.880 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 36087 | 110.555 ug/l | | 97 |
| 93) 1,2,4-Trichlorobenzene | 13.566 | 180 | 179562 | 101.602 ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.706 | 225 | 68645 | 103.582 ug/l | | 98 |
| 95) Naphthalene | 13.755 | 128 | 511355 | 109.211 ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.944 | 180 | 169248 | 104.362 ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

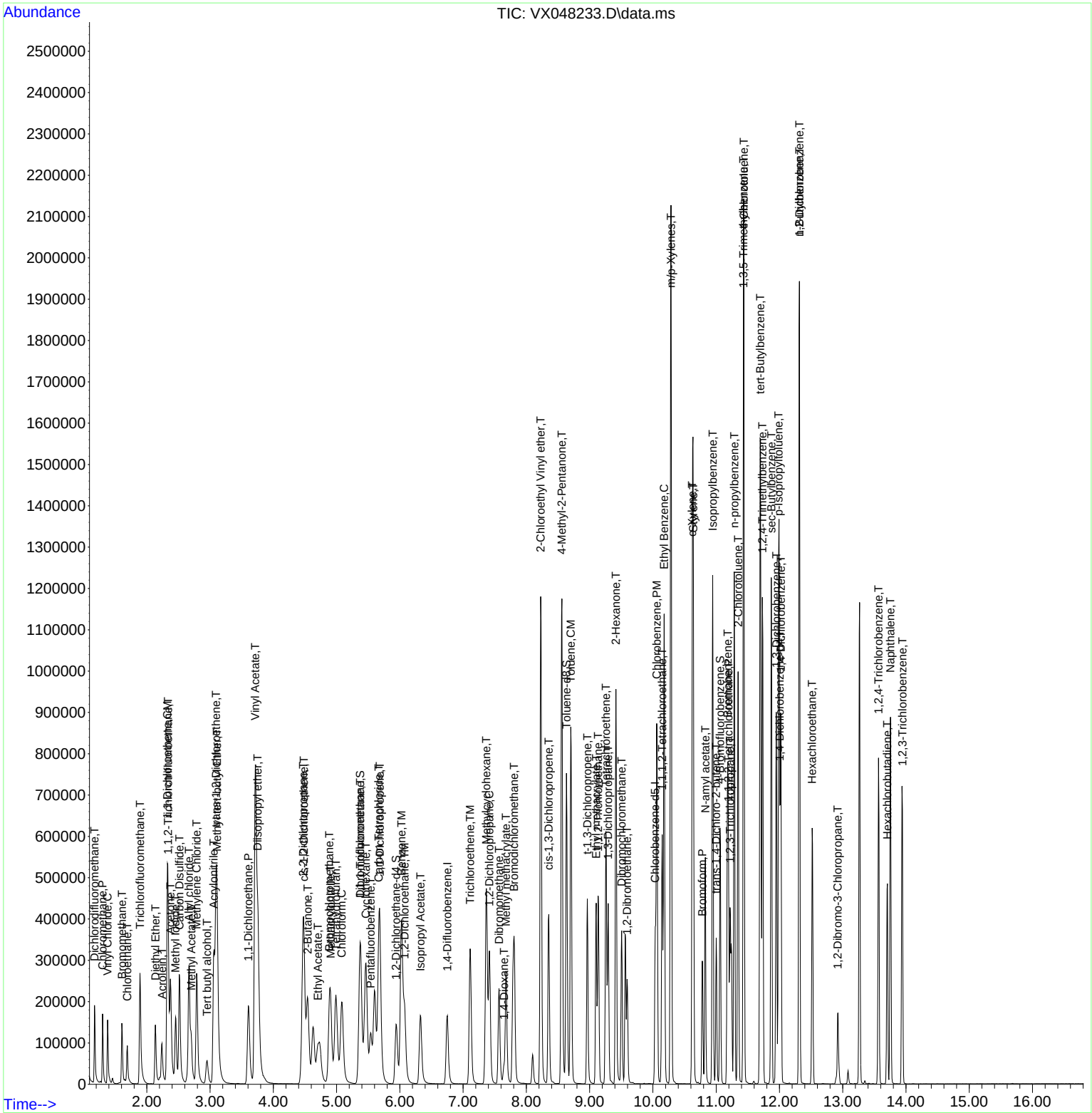
(#) = qualifier out of range (m) = manual integration (+) = signals summed

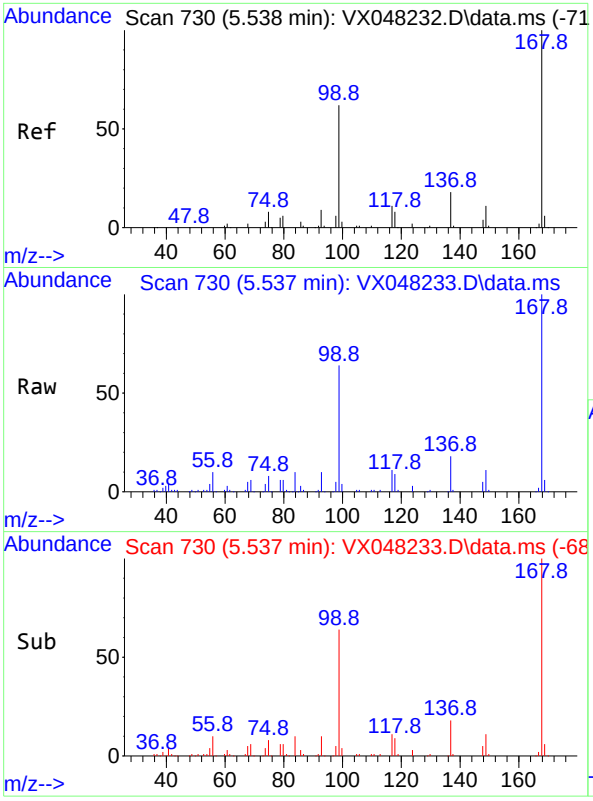
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



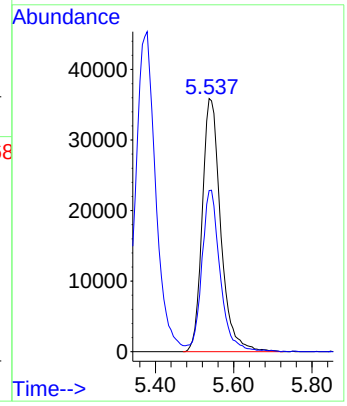


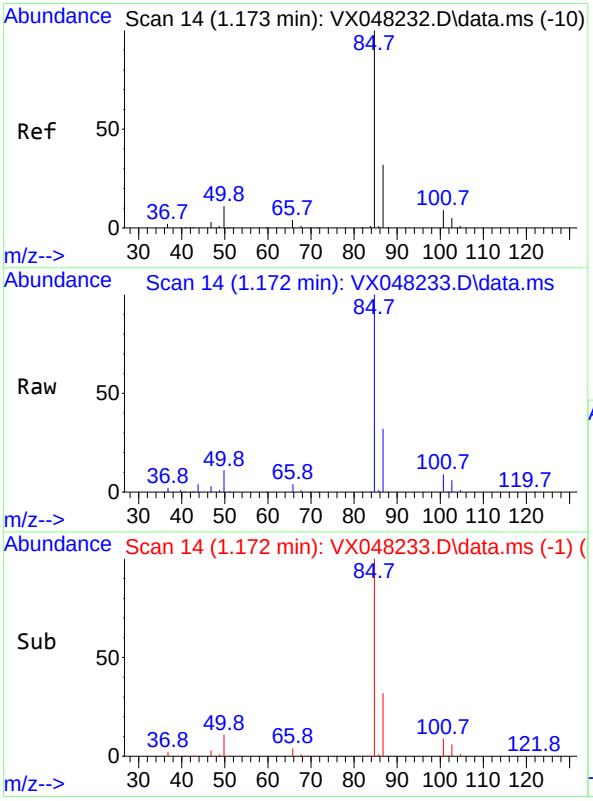

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:168 Resp: 117551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.4 | 46.4 | 69.6 |

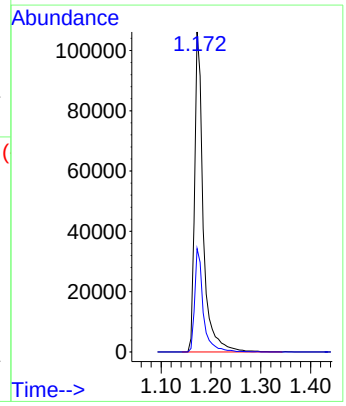


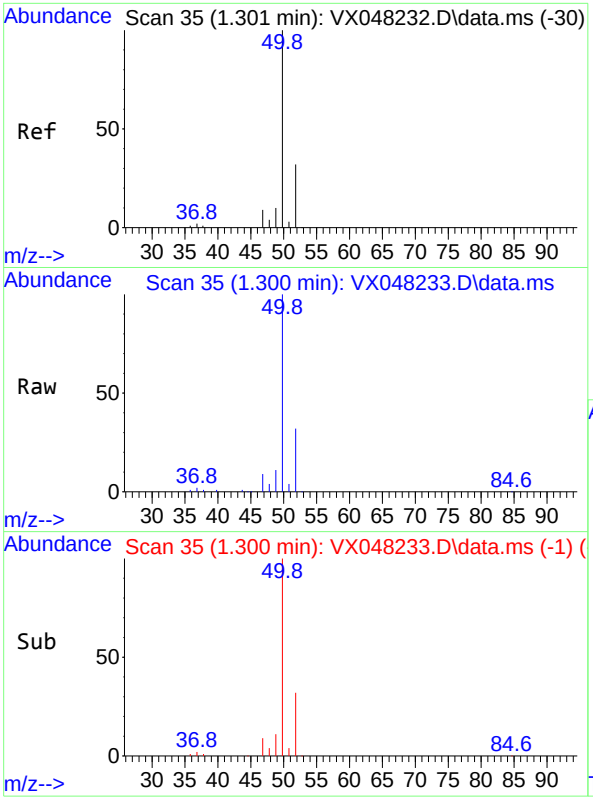




#2
Dichlorodifluoromethane
Concen: 105.118 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 85 Resp: 127029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.3 | 15.3 | 45.9 |



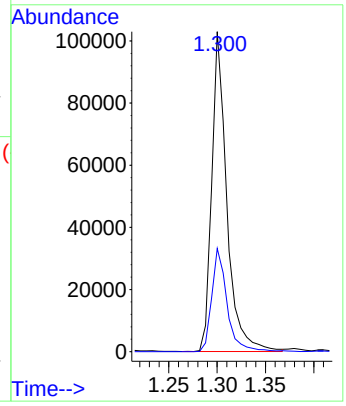


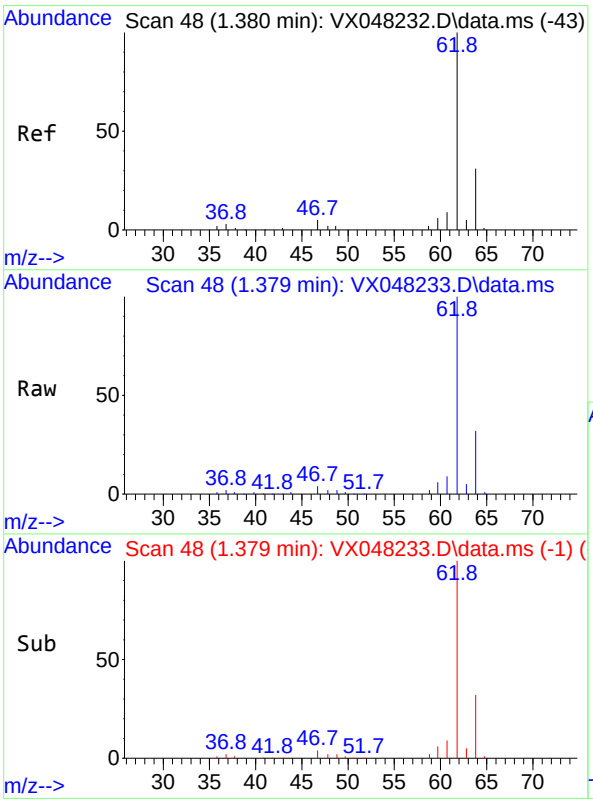

#3
Chloromethane
Concen: 99.201 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 50 Resp: 111895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.2 | 25.9 | 38.9 |

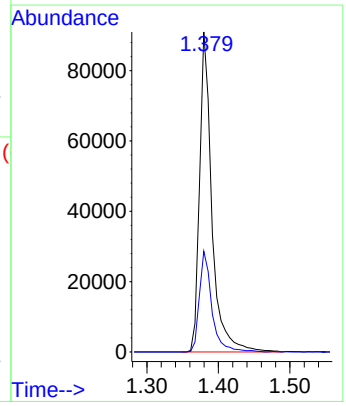


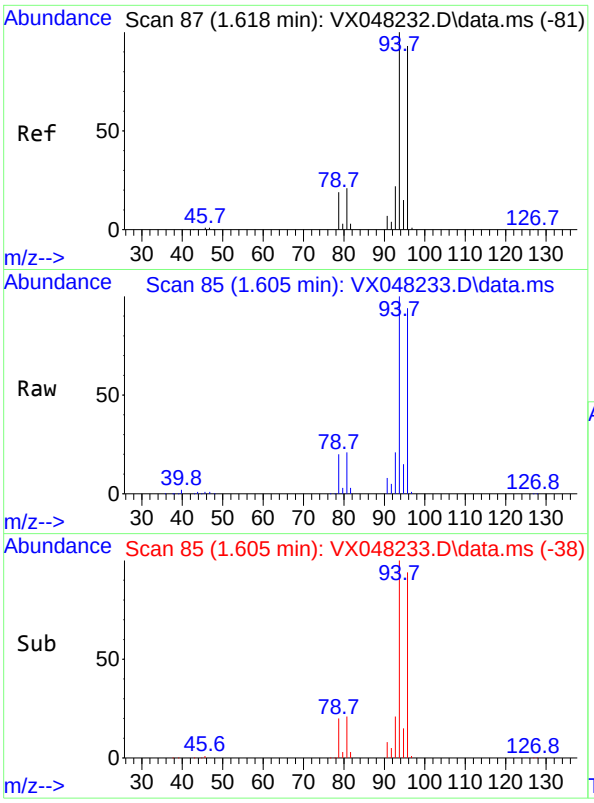




#4
Vinyl Chloride
Concen: 103.938 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 108564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.5 | 25.1 | 37.7 |



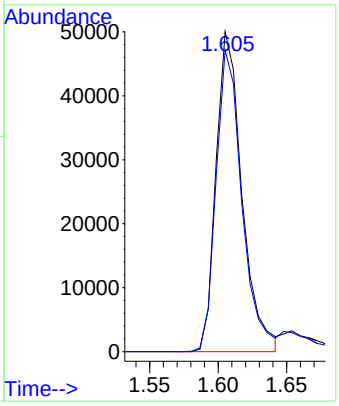


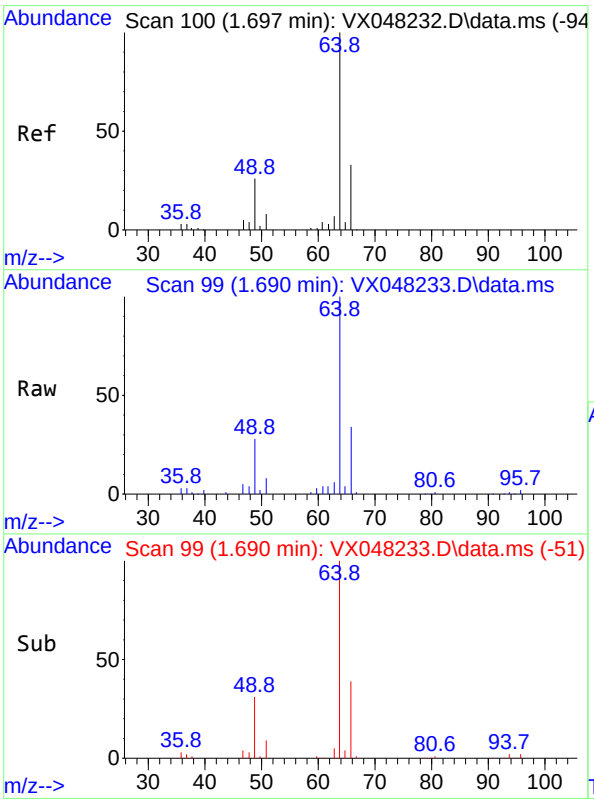

#5
Bromomethane
Concen: 92.758 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.013 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 94 Resp: 65752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.3 | 76.0 | 114.0 |

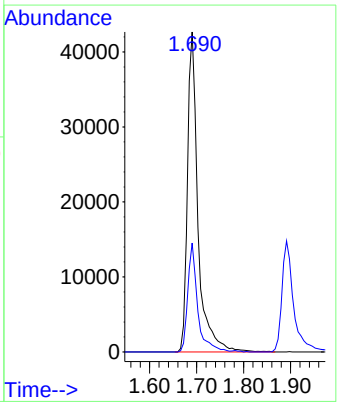


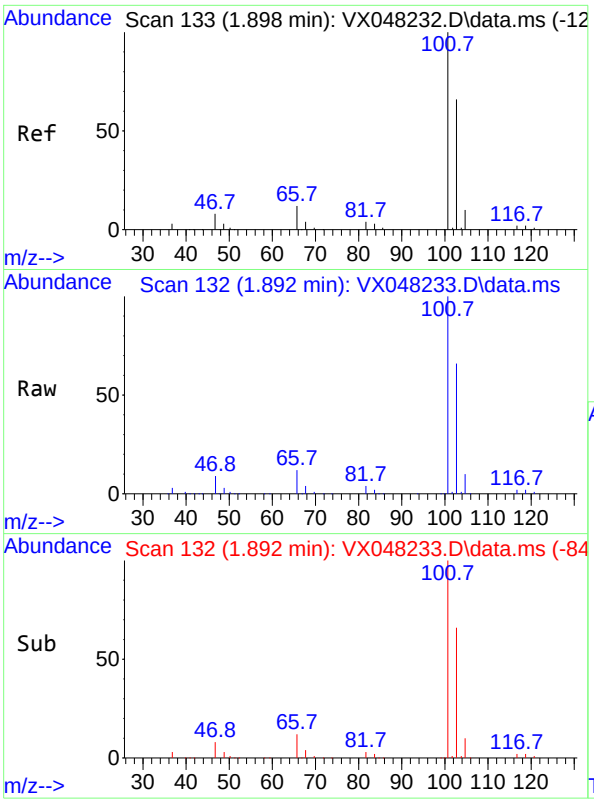




#6
Chloroethane
Concen: 108.072 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 64 Resp: 66332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 34.0 | 23.9 | 35.9 |



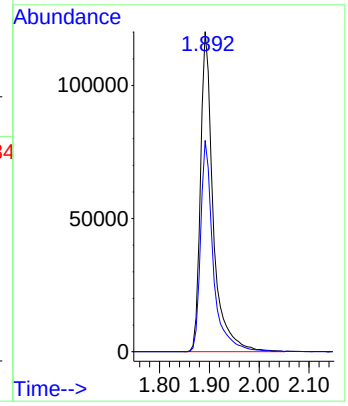


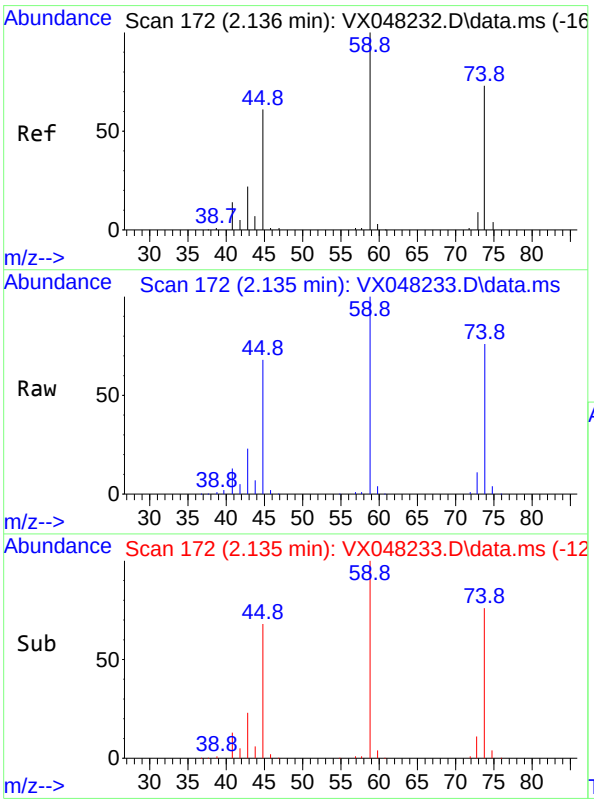

#7
Trichlorofluoromethane
Concen: 106.479 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:101 Resp: 213301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.0 | 51.6 | 77.4 |

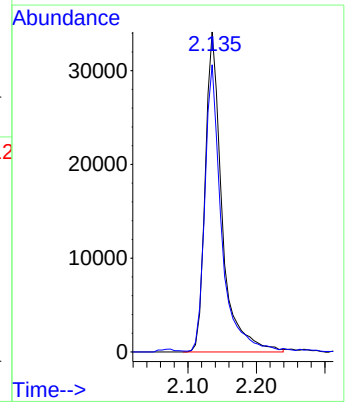


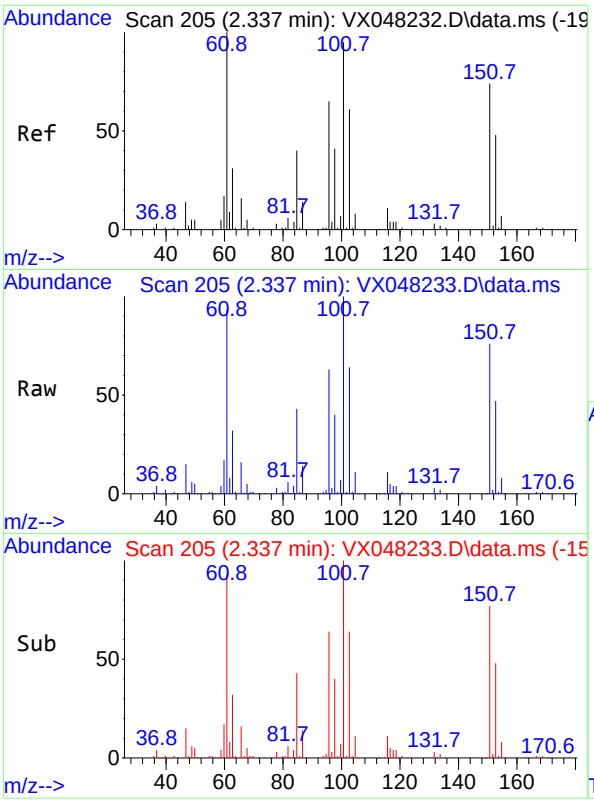




#8
Diethyl Ether
Concen: 103.435 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 74 Resp: 58302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 88.0 | 50.0 | 149.8 |



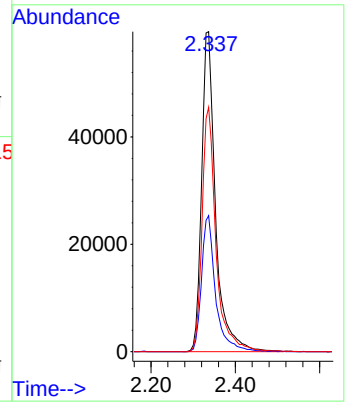


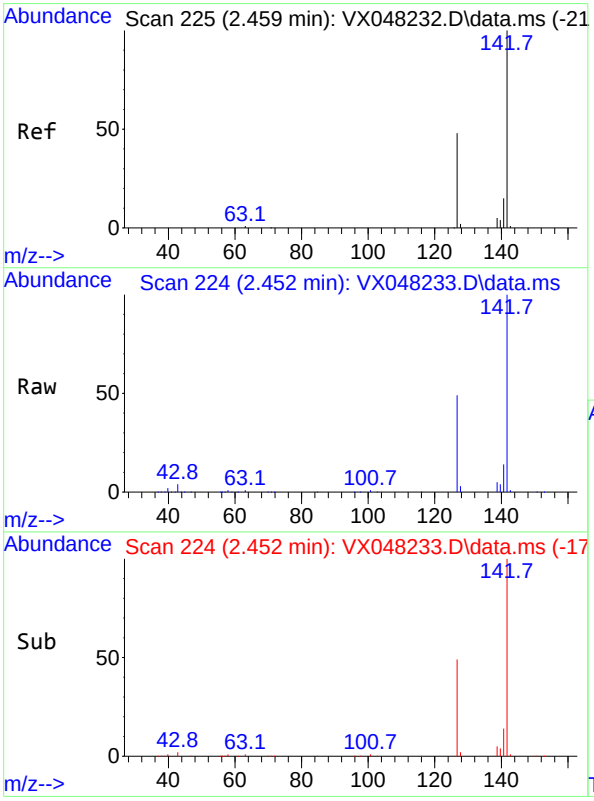

#9
1,1,2-Trichlorotrifluoroethane
Concen: 107.961 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:101 Resp: 136951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.9 | 35.6 | 53.4 |
| 151 | 76.5 | 58.0 | 87.0 |

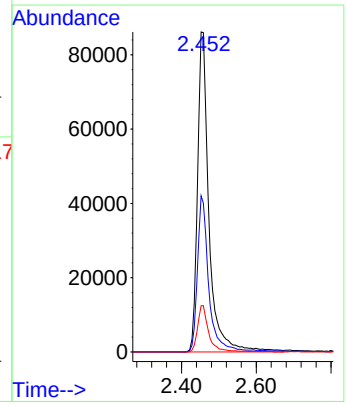


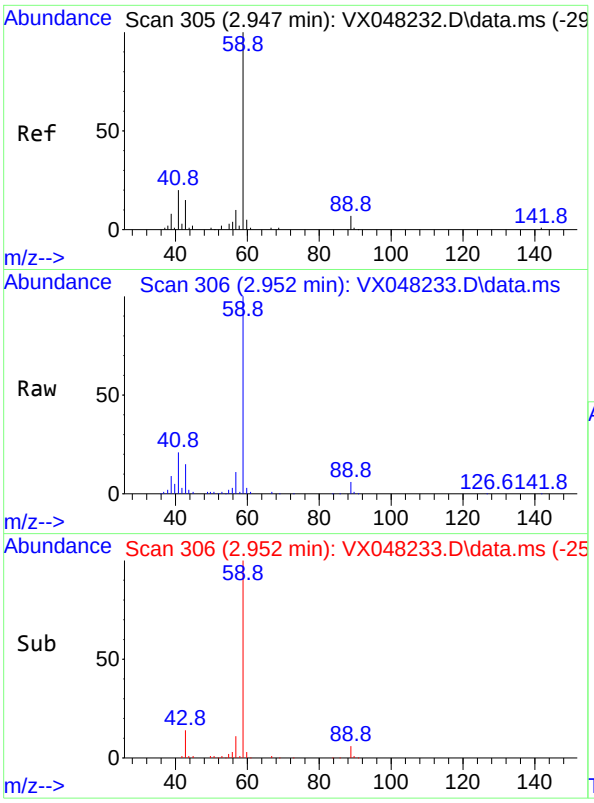




#10
Methyl Iodide
Concen: 115.192 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:142 Resp: 183697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 47.6 | 38.5 | 57.7 |
| 141 | 14.1 | 11.6 | 17.4 |



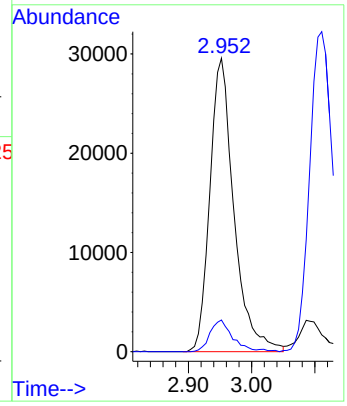


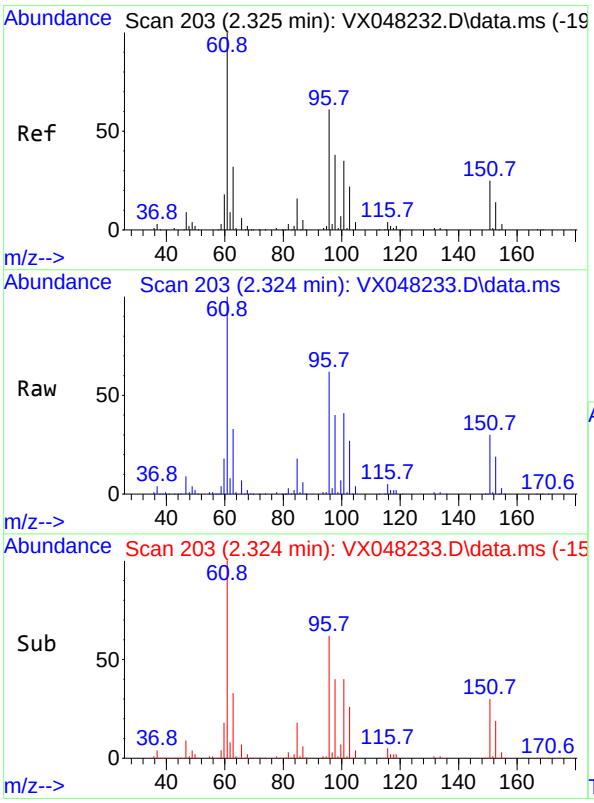

#11
Tert butyl alcohol
Concen: 478.391 ug/l
RT: 2.952 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 59 Resp: 78284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 8.2 | 12.4 |

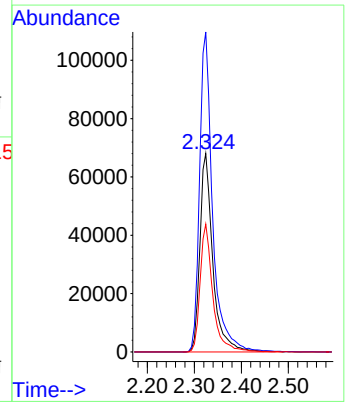


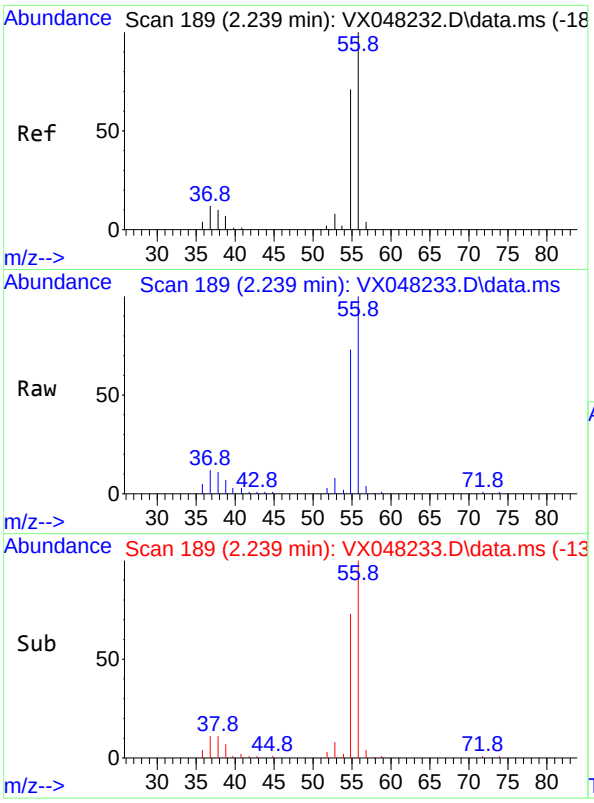




#12
1,1-Dichloroethene
Concen: 106.271 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 96 Resp: 131152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.2 | 139.0 | 208.6 |
| 98 | 64.4 | 52.4 | 78.6 |



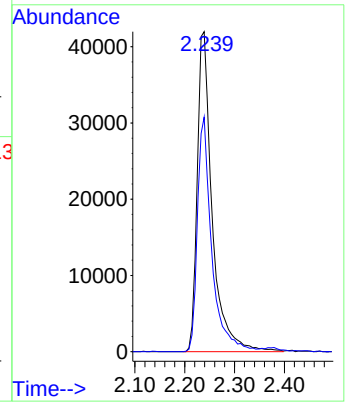


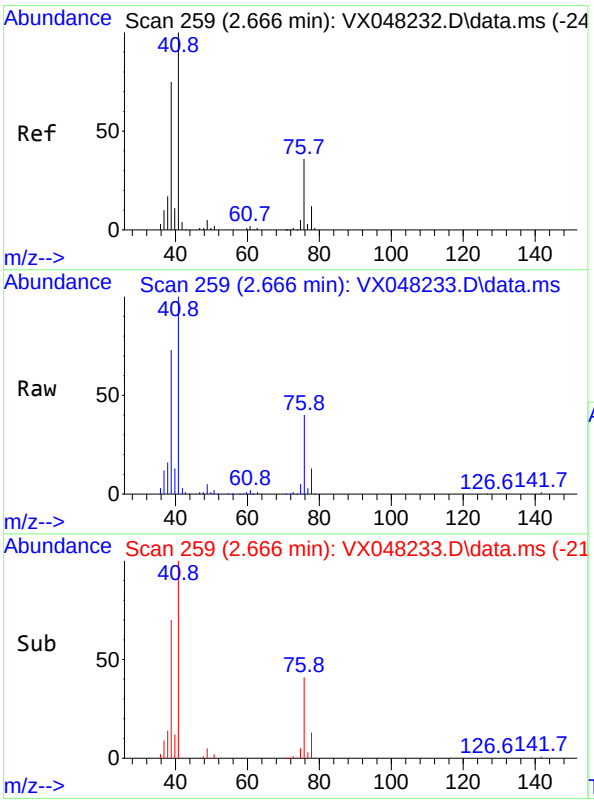

#13
Acrolein
Concen: 522.748 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 56 Resp: 87244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.2 | 56.1 | 84.1 |

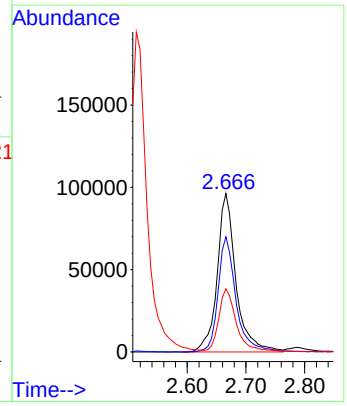


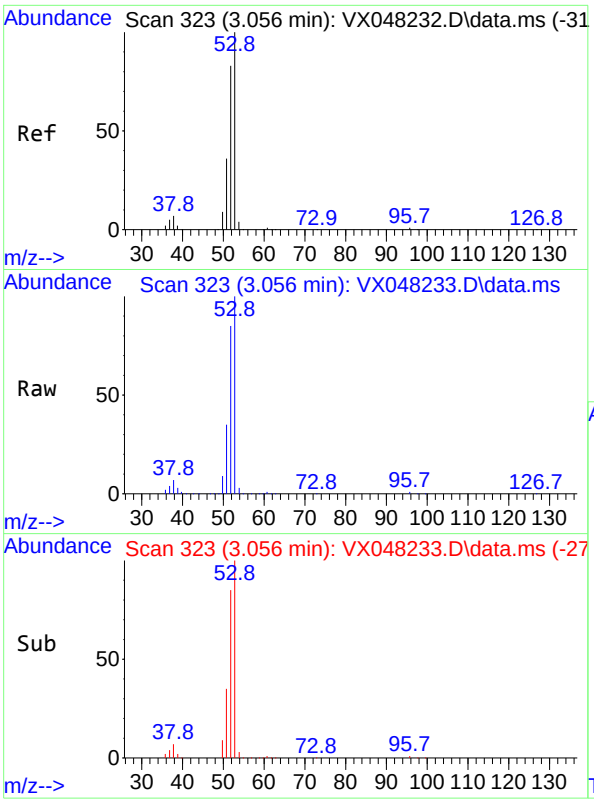




#14
Allyl chloride
Concen: 104.584 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 214290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 69.5 | 56.0 | 84.0 |
| 76 | 37.6 | 27.5 | 41.3 |



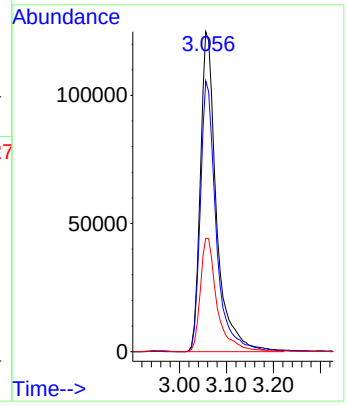


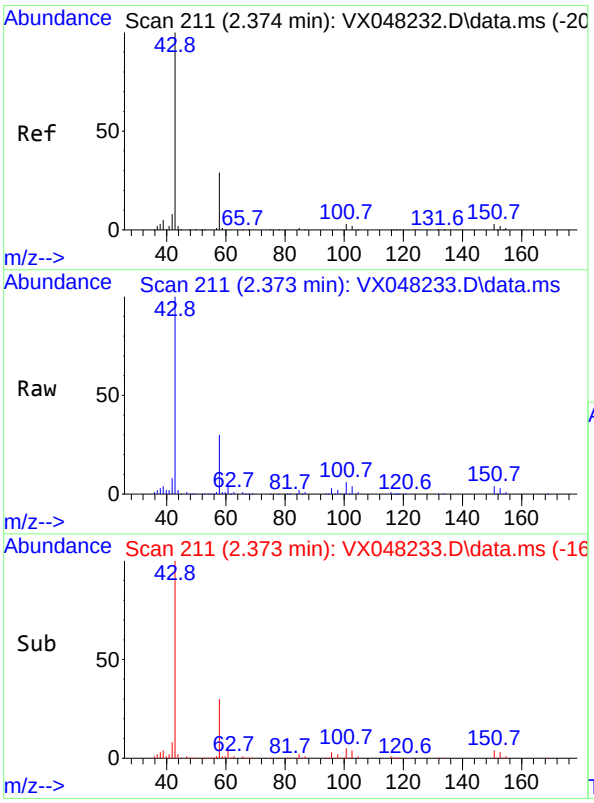

#15
Acrylonitrile
Concen: 505.062 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 53 Resp: 298022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.7 | 66.1 | 99.1 |
| 51 | 37.0 | 29.0 | 43.4 |

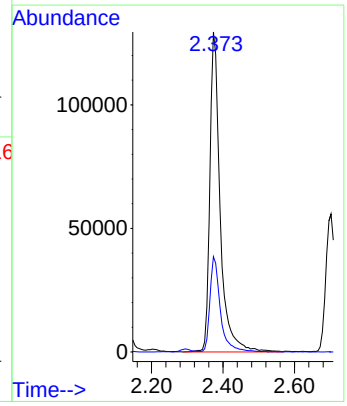


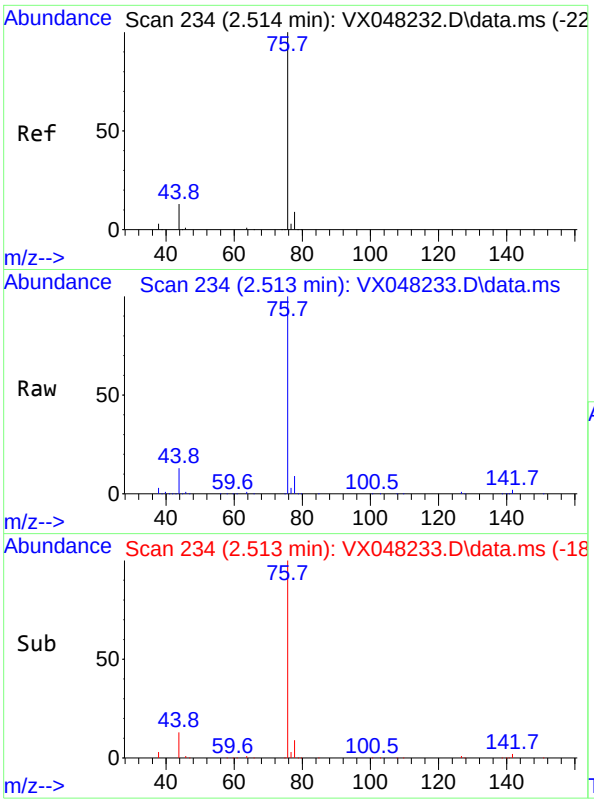




#16
Acetone
Concen: 459.946 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 260058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.8 | 23.4 | 35.2 |



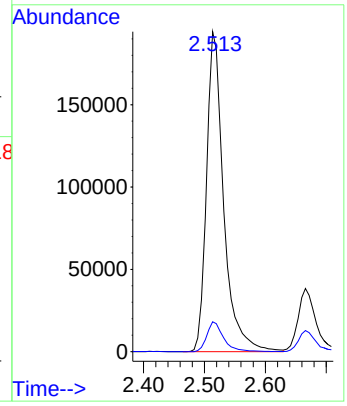


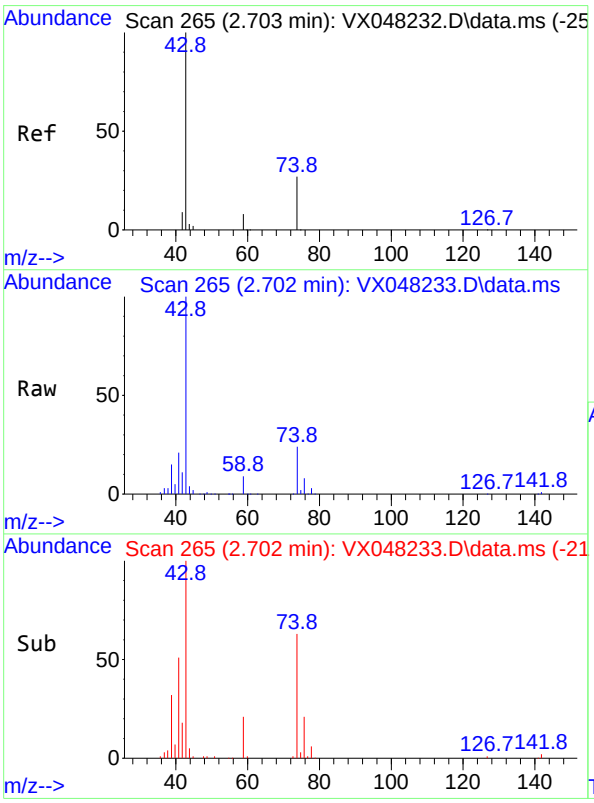

#17
Carbon Disulfide
Concen: 97.731 ug/l
RT: 2.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 76 Resp: 380127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.1 | 10.7 |

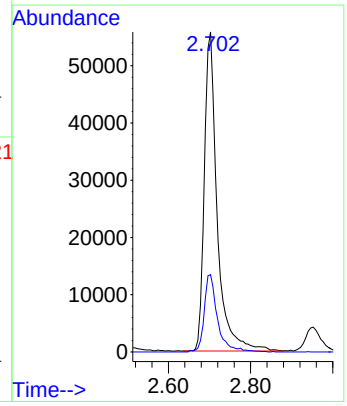


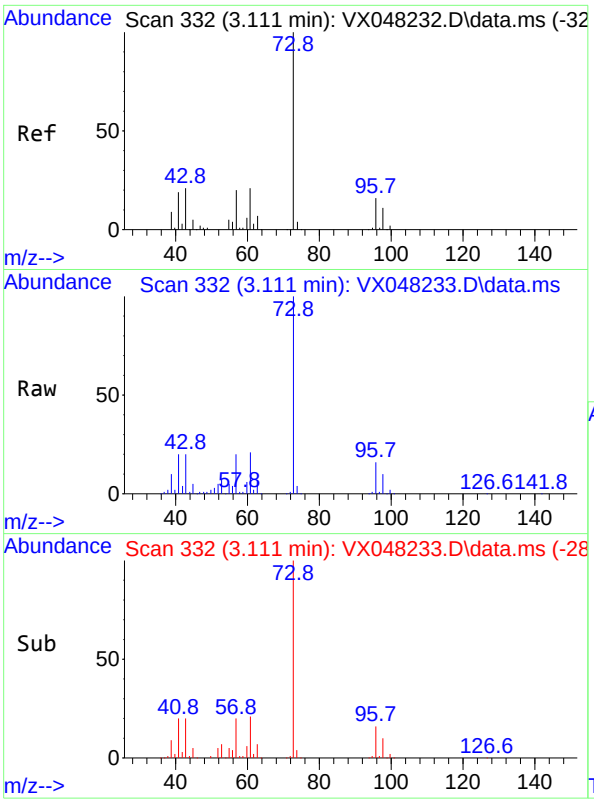




#18
Methyl Acetate
Concen: 102.405 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 120920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.0 | 17.5 | 26.3 |



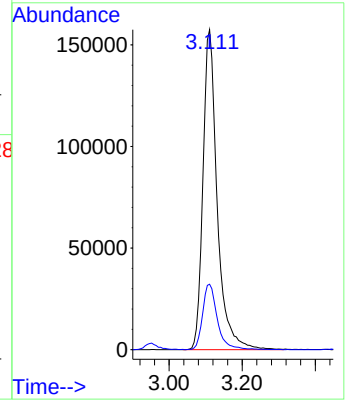


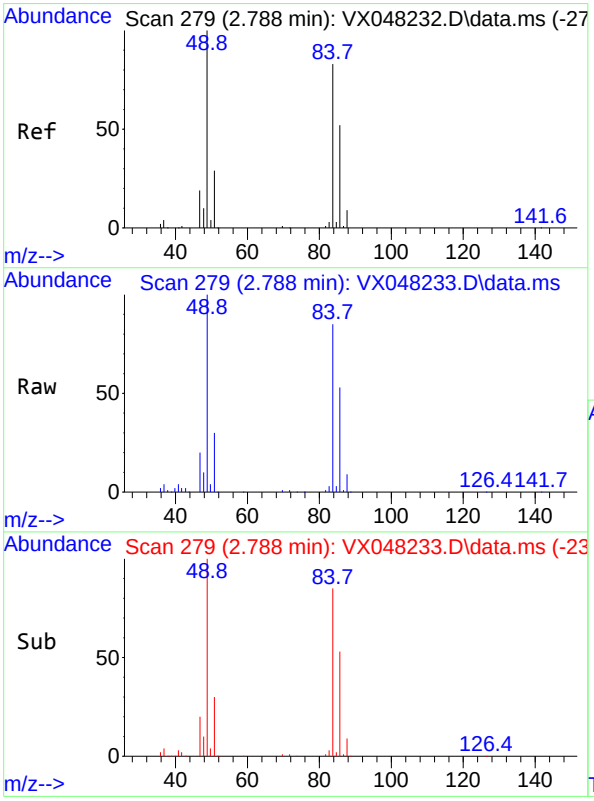

#19
Methyl tert-butyl Ether
Concen: 101.480 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 73 Resp: 427254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.5 | 17.7 | 26.5 |

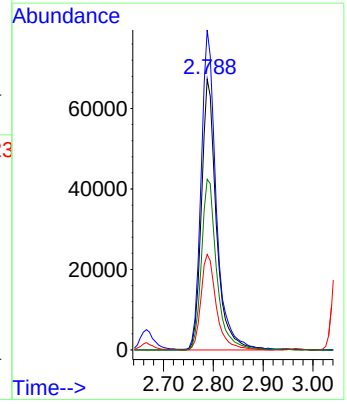


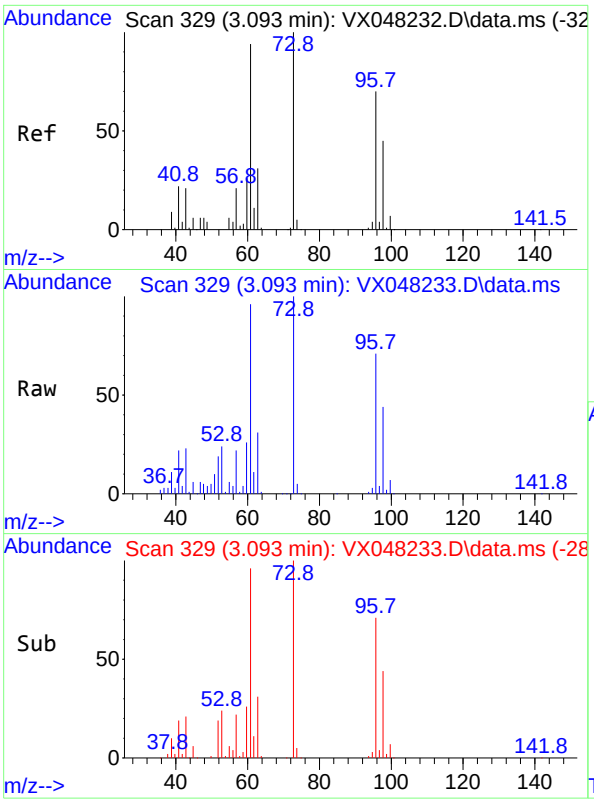




#20
Methylene Chloride
Concen: 101.850 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 84 Resp: 140317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 117.9 | 104.1 | 156.1 |
| 51 | 35.3 | 31.3 | 46.9 |
| 86 | 63.0 | 51.3 | 76.9 |



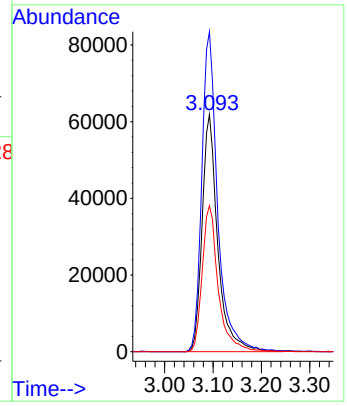


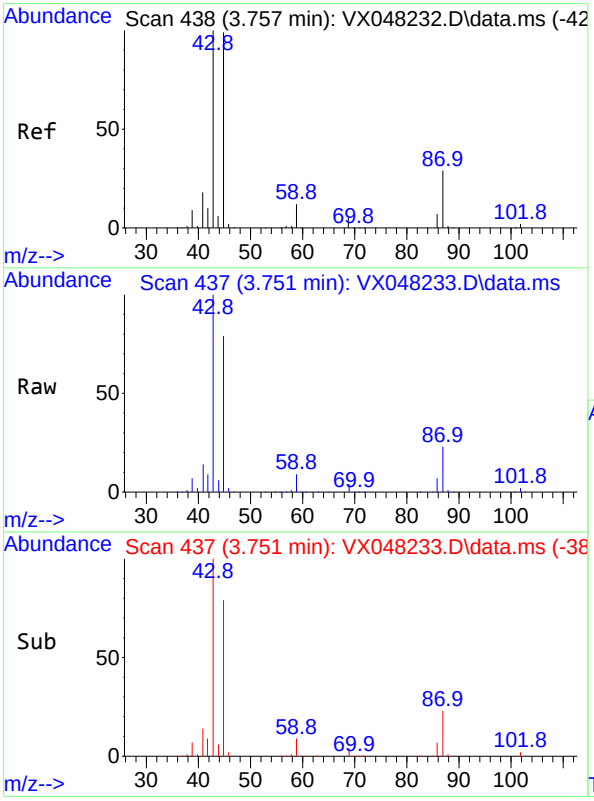

#21
trans-1,2-Dichloroethene
Concen: 102.594 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 96 Resp: 139080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.9 | 111.9 | 167.9 |
| 98 | 61.5 | 51.2 | 76.8 |

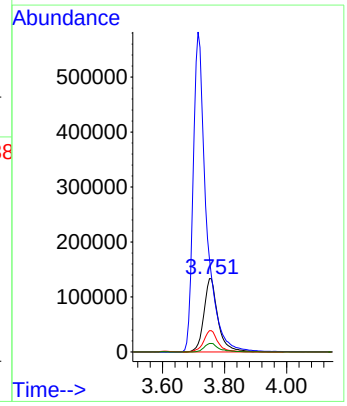


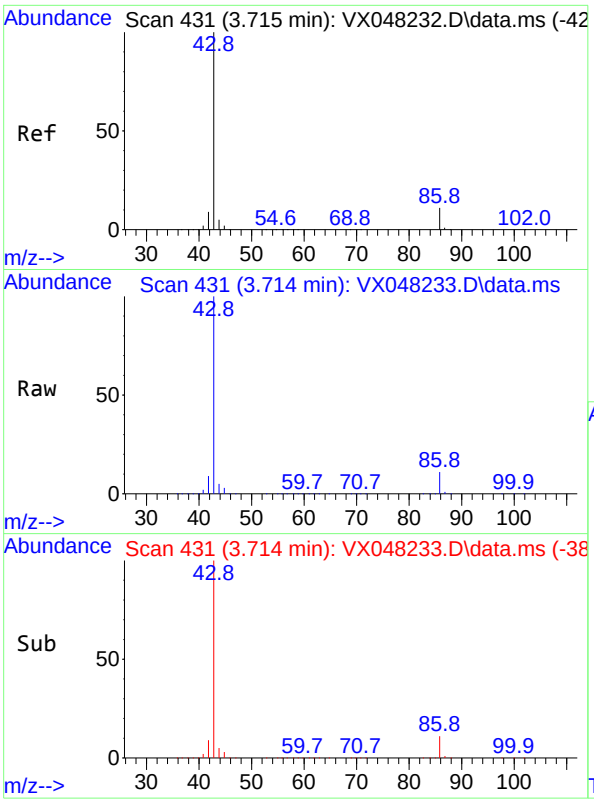




#22
Diisopropyl ether
Concen: 102.802 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 45 Resp: 420126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 126.6 | 89.8 | 134.8 |
| 87 | 29.0 | 20.6 | 31.0 |
| 59 | 11.6 | 9.1 | 13.7 |



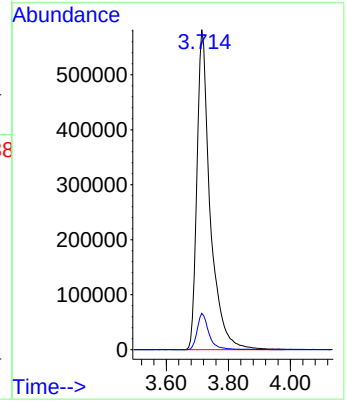


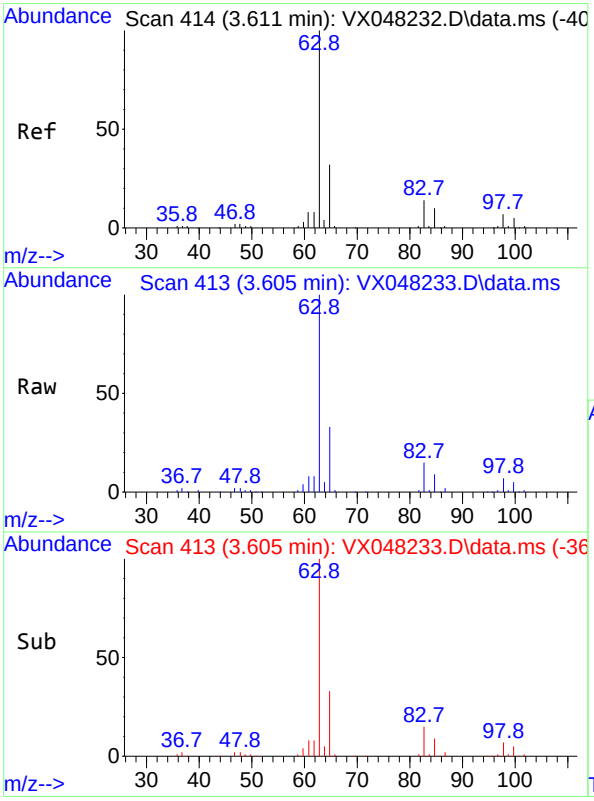

#23
Vinyl Acetate
Concen: 527.850 ug/l
RT: 3.714 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 1723170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.3 | 7.9 | 11.9 |

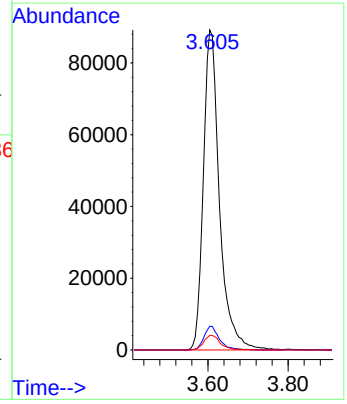


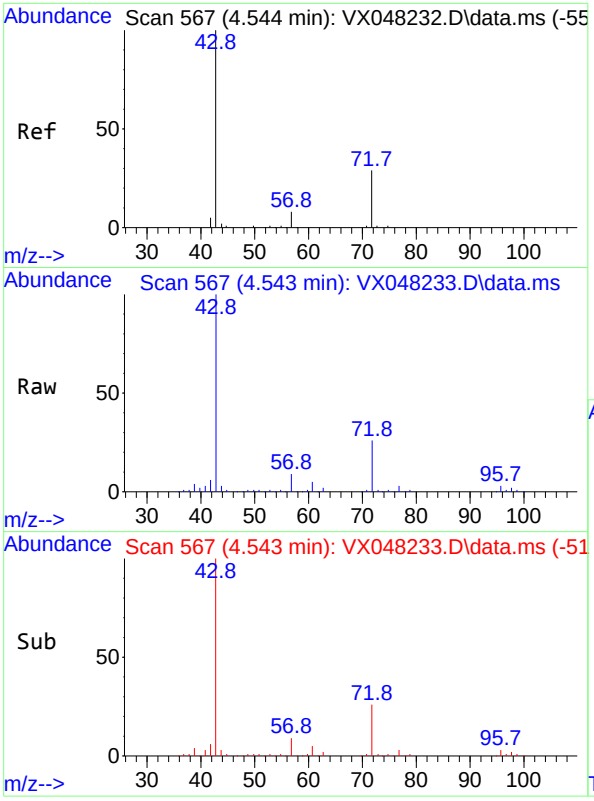




#24
1,1-Dichloroethane
Concen: 100.417 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 248141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.4 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |



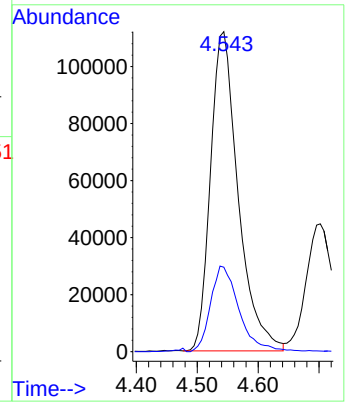


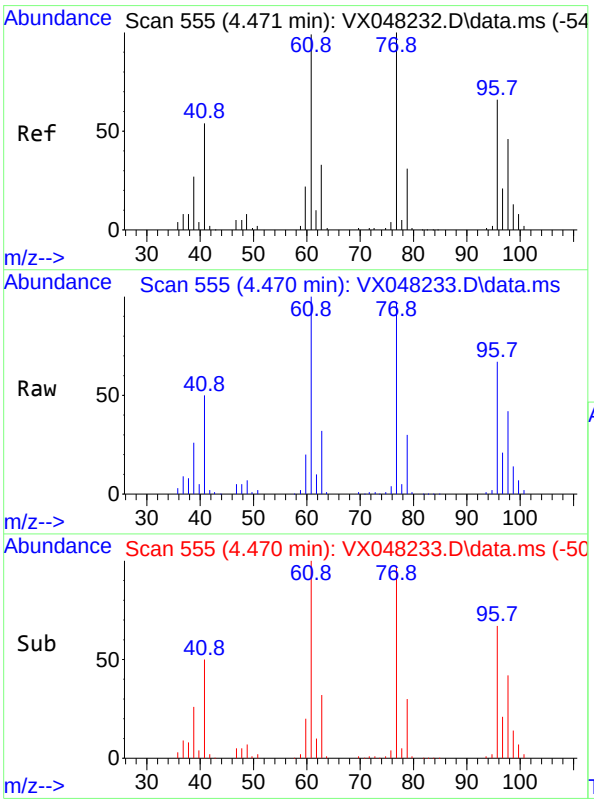

#25
2-Butanone
Concen: 494.285 ug/l
RT: 4.543 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 353741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.8 | 19.9 | 29.9 |

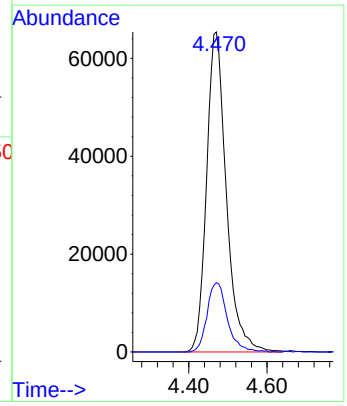


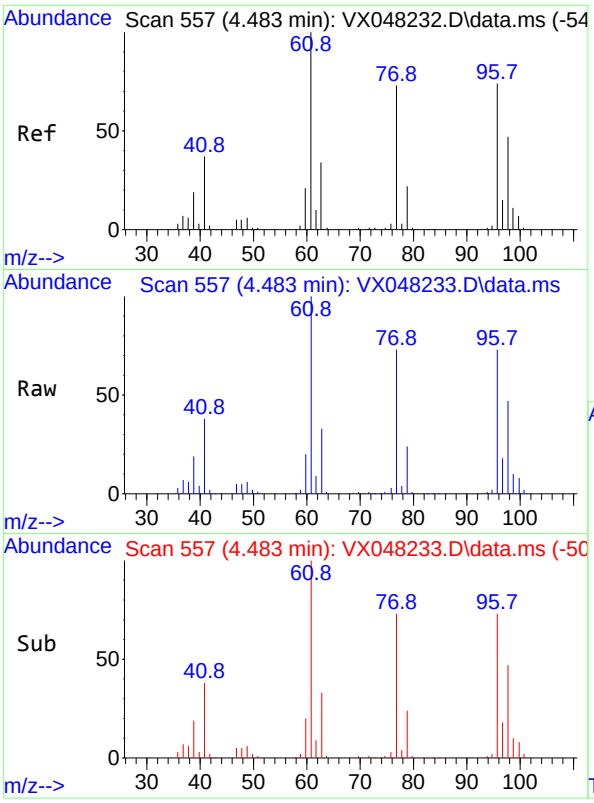




#26
2,2-Dichloropropane
Concen: 102.510 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 77 Resp: 228643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.2 | 11.1 | 33.3 |



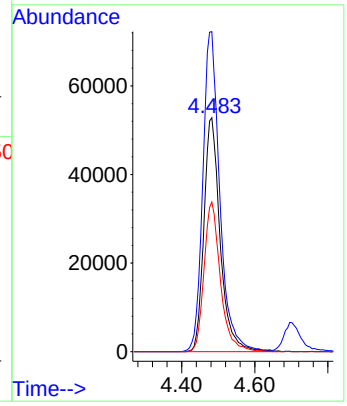


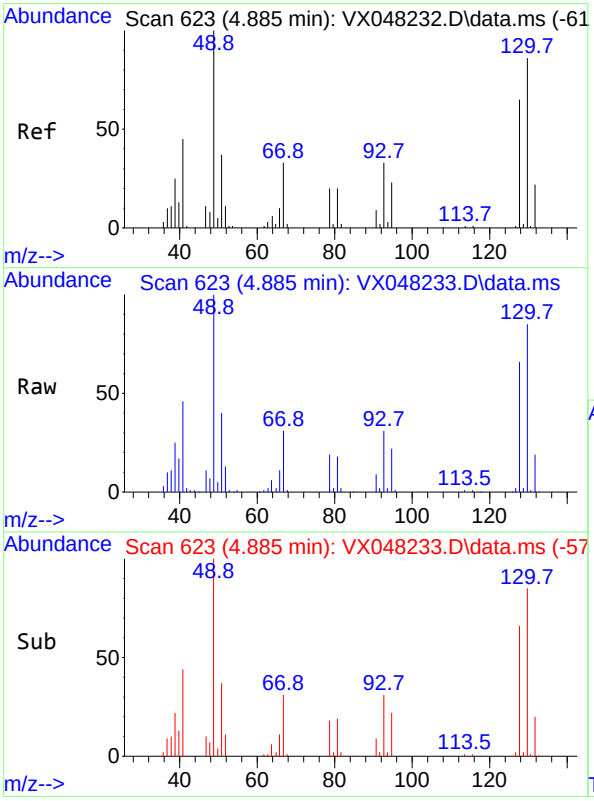

#27
cis-1,2-Dichloroethene
Concen: 103.308 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 96 Resp: 163444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.1 | 0.0 | 294.2 |
| 98 | 64.3 | 0.0 | 128.4 |

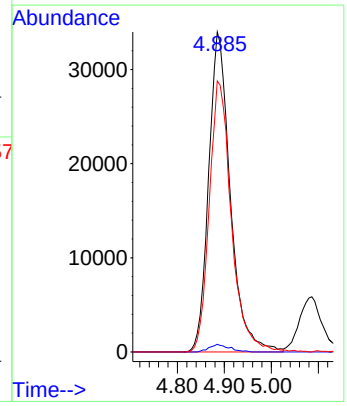


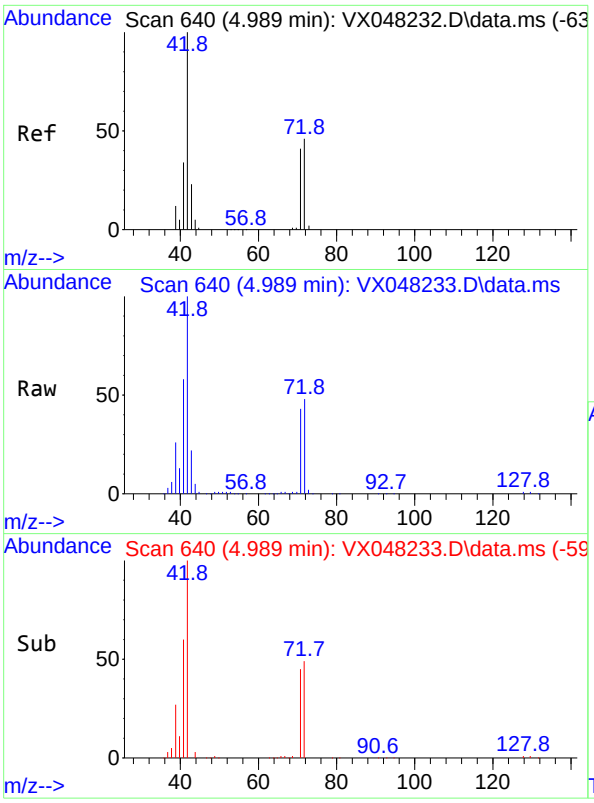




#28
Bromochloromethane
Concen: 105.928 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 49 Resp: 108536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 4.4 |
| 130 | 86.4 | 59.3 | 88.9 |



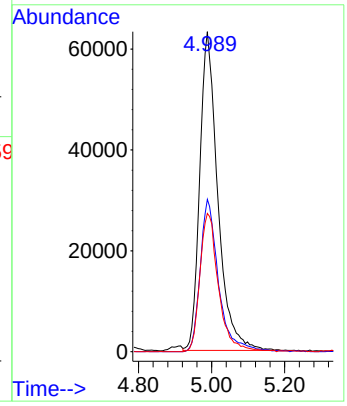


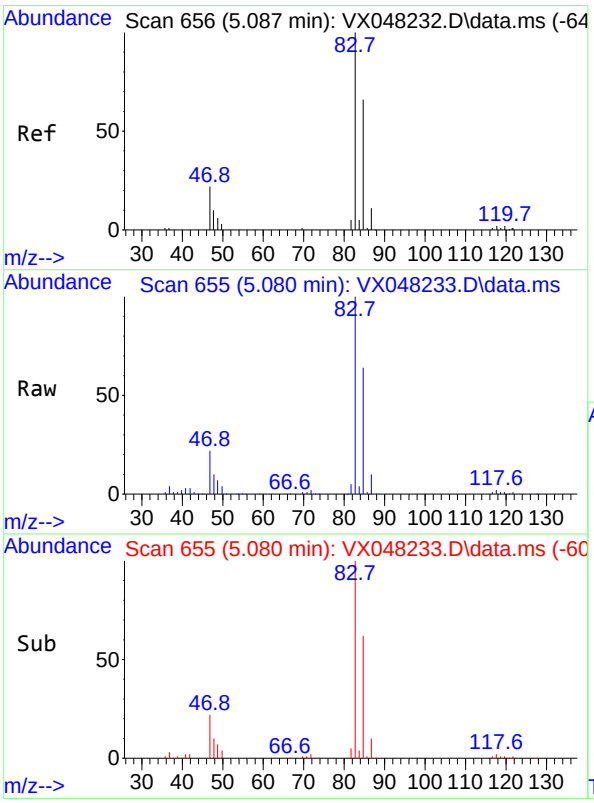

#29
Tetrahydrofuran
Concen: 505.219 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 42 Resp: 216543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.6 | 35.3 | 52.9 |
| 71 | 44.5 | 32.2 | 48.4 |

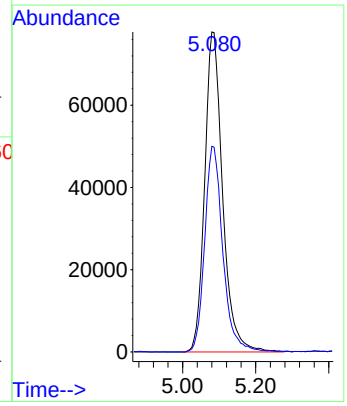


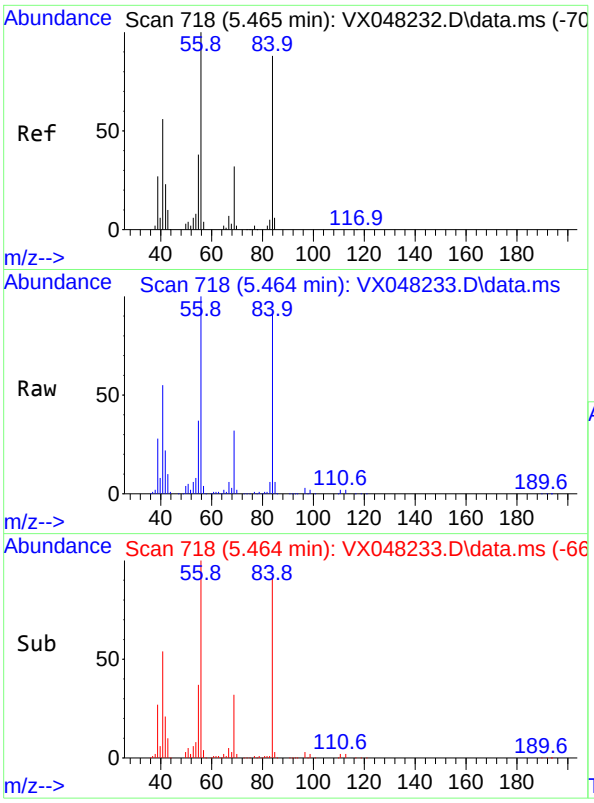




#30
Chloroform
Concen: 100.362 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 264966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 50.1 | 75.1 |



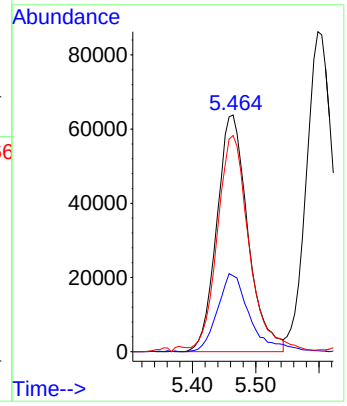


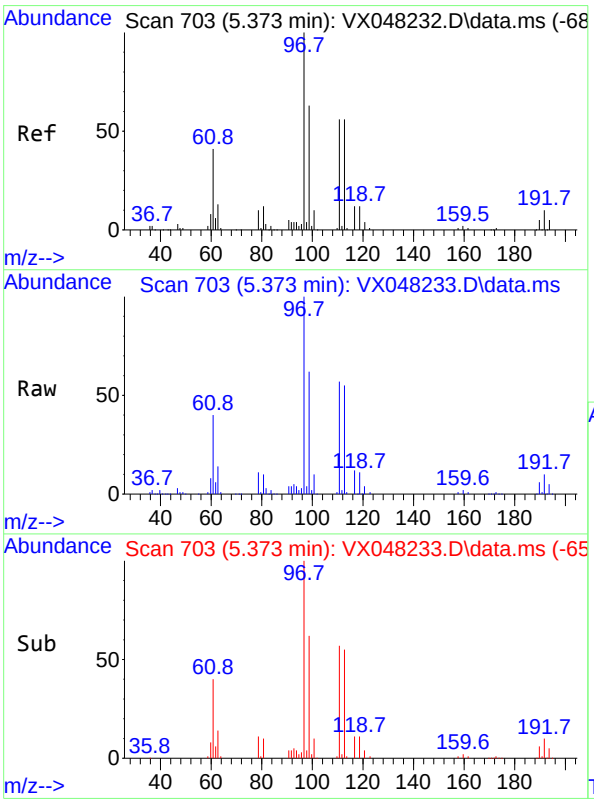

#31
Cyclohexane
Concen: 106.419 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 56 Resp: 217717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.1 | 23.0 | 34.6 |
| 84 | 89.2 | 64.6 | 97.0 |

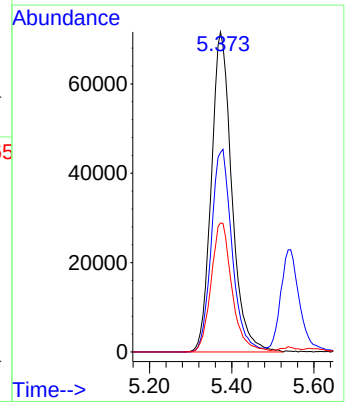


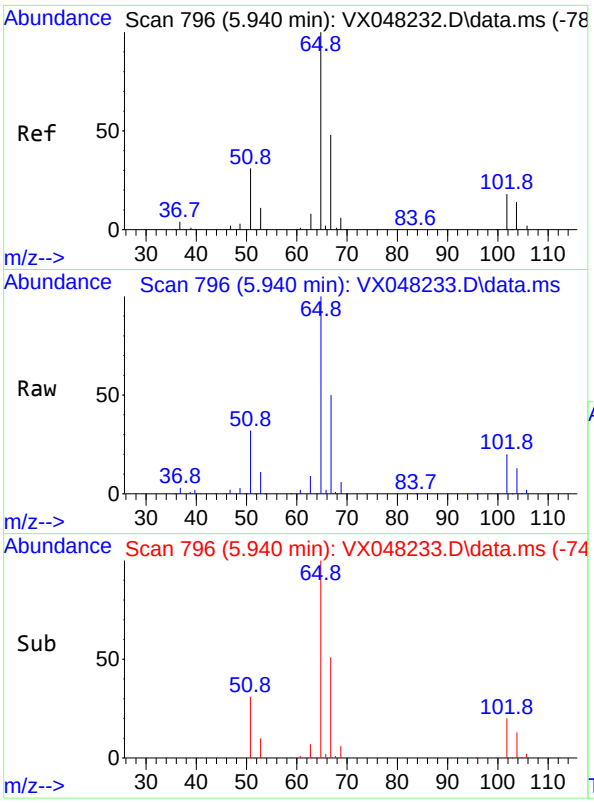




#32
1,1,1-Trichloroethane
Concen: 101.932 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 97 Resp: 248018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.0 | 51.7 | 77.5 |
| 61 | 41.2 | 34.8 | 52.2 |



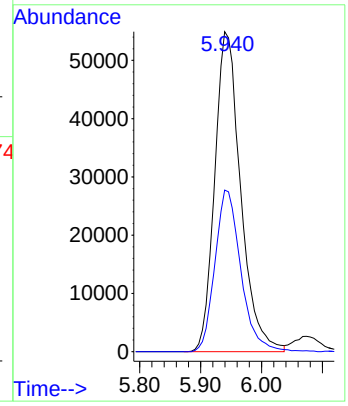


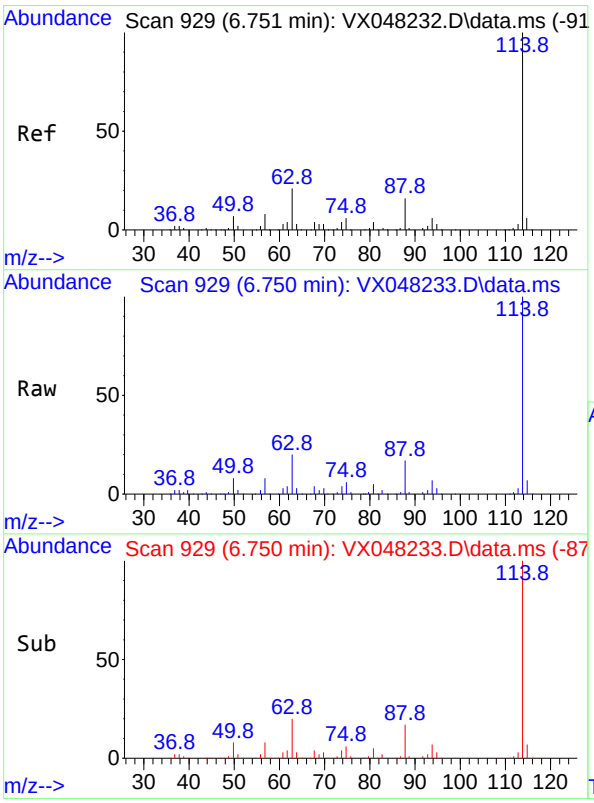

#33
1,2-Dichloroethane-d4
Concen: 98.406 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 65 Resp: 162188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.6 | 0.0 | 105.0 |

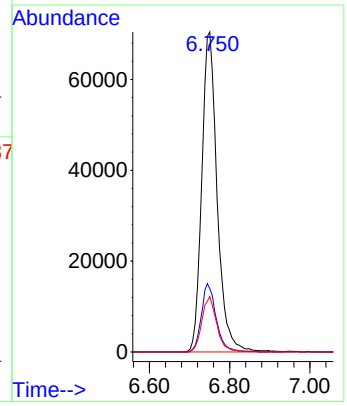


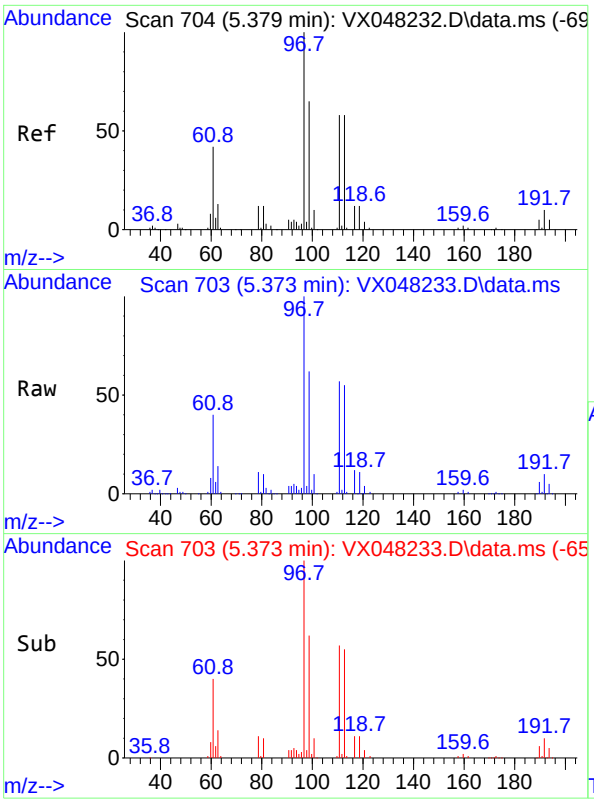




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.005 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:114 Resp: 187766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 43.2 |
| 88 | 17.3 | 0.0 | 33.6 |



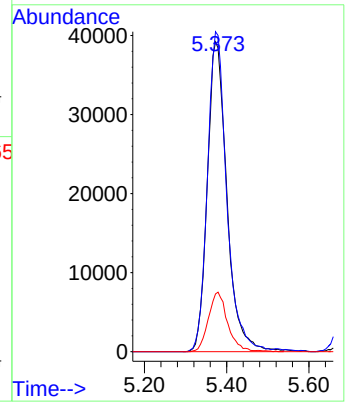


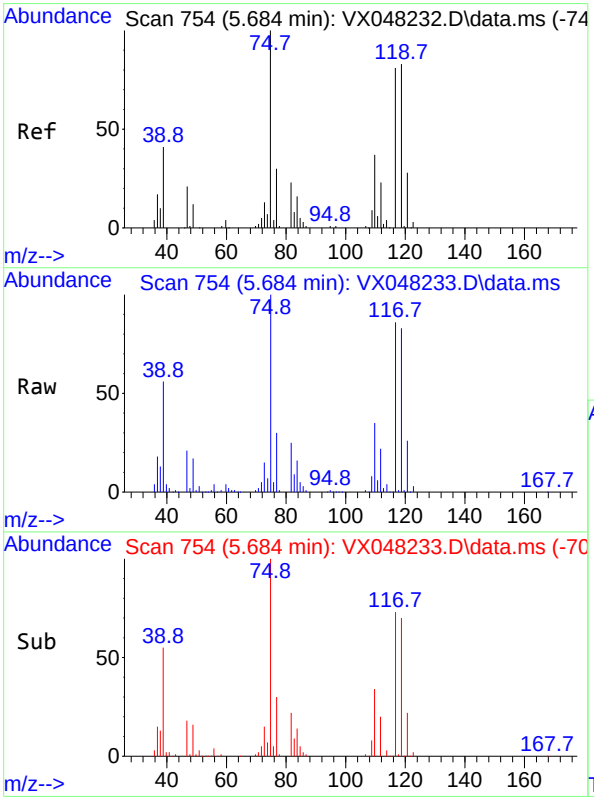

#35
Dibromofluoromethane
Concen: 101.351 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:113 Resp: 129919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.5 | 82.2 | 123.4 |
| 192 | 19.0 | 15.1 | 22.7 |

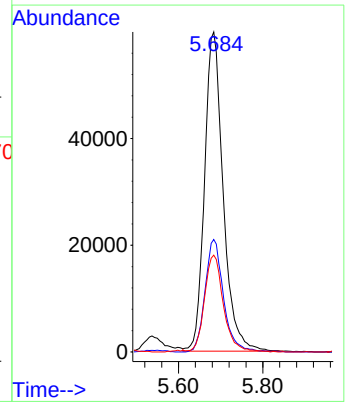


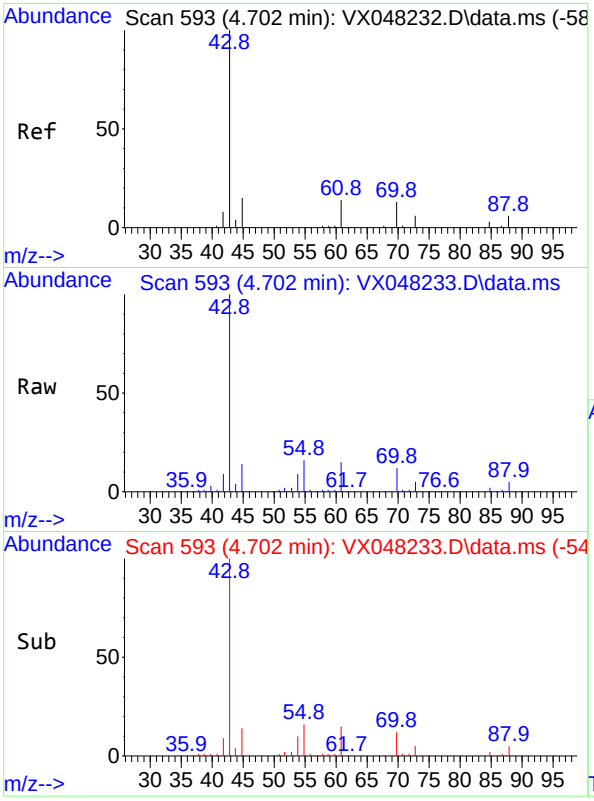




#36
1,1-Dichloropropene
Concen: 100.953 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 183932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.1 | 17.7 | 53.1 |
| 77 | 30.9 | 24.3 | 36.5 |



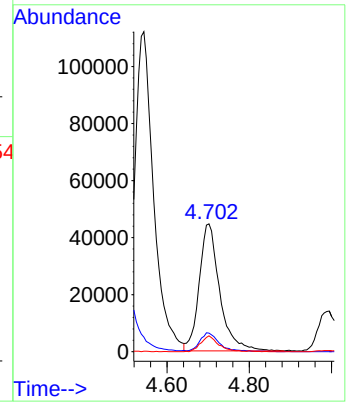


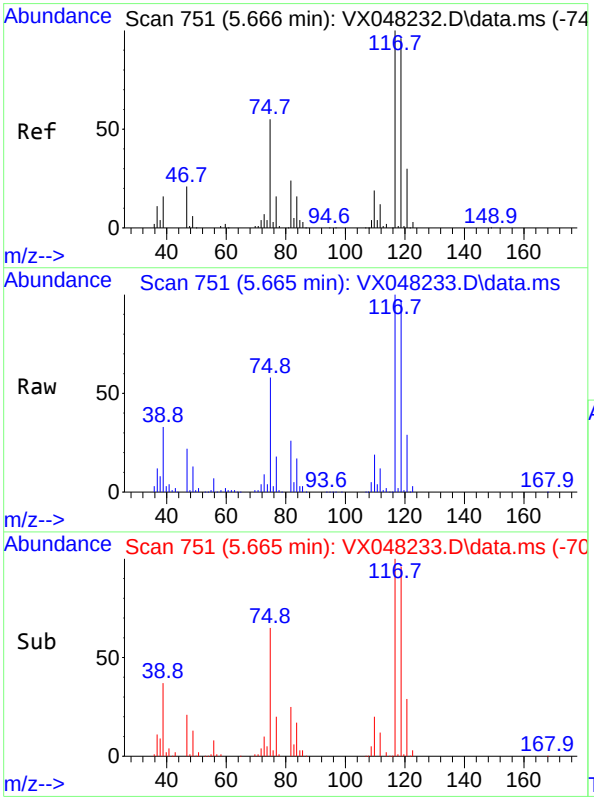

#37
Ethyl Acetate
Concen: 101.872 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 153844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.3 | 10.6 | 15.8 |
| 70 | 10.7 | 7.8 | 11.6 |

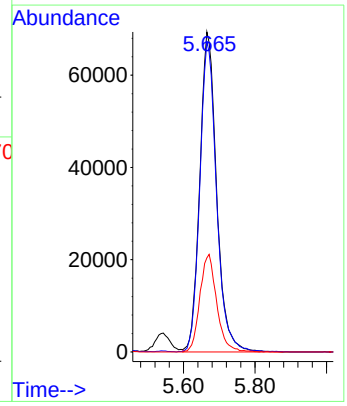


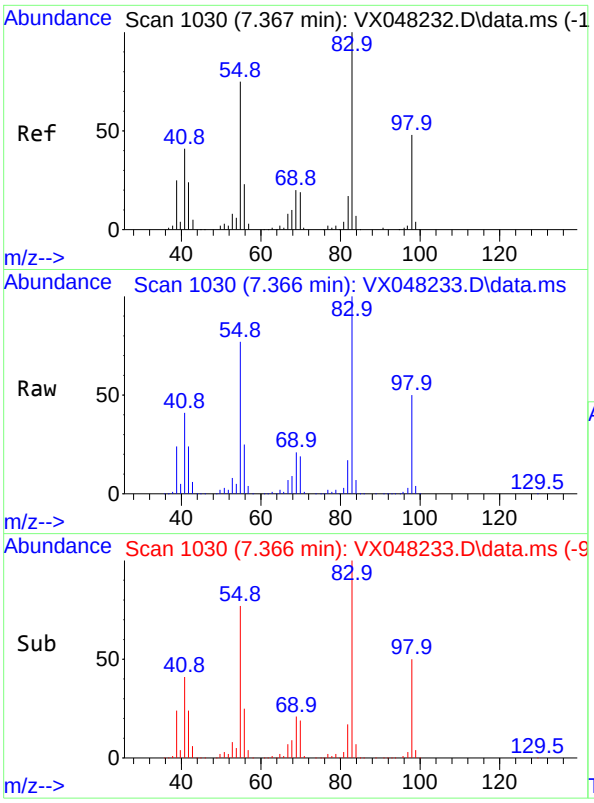




#38
Carbon Tetrachloride
Concen: 100.976 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 226976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 77.2 | 115.8 |
| 121 | 29.4 | 24.8 | 37.2 |



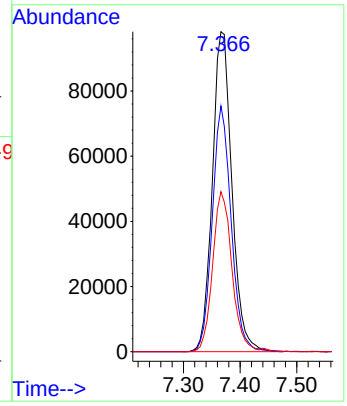


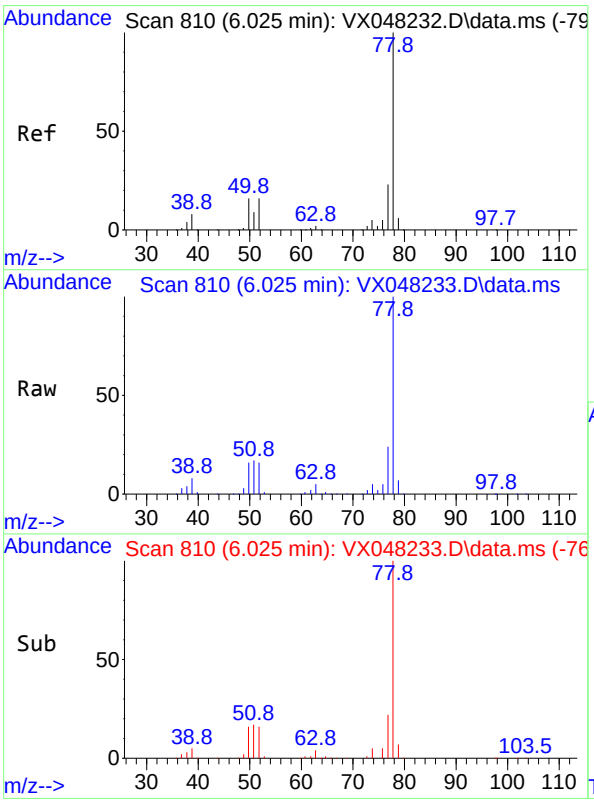

#39
Methylcyclohexane
Concen: 109.312 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 83 Resp: 235208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.8 | 66.2 | 99.2 |
| 98 | 50.0 | 38.9 | 58.3 |

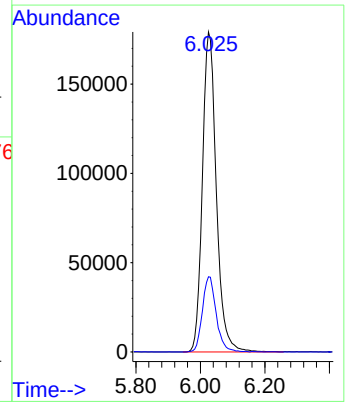


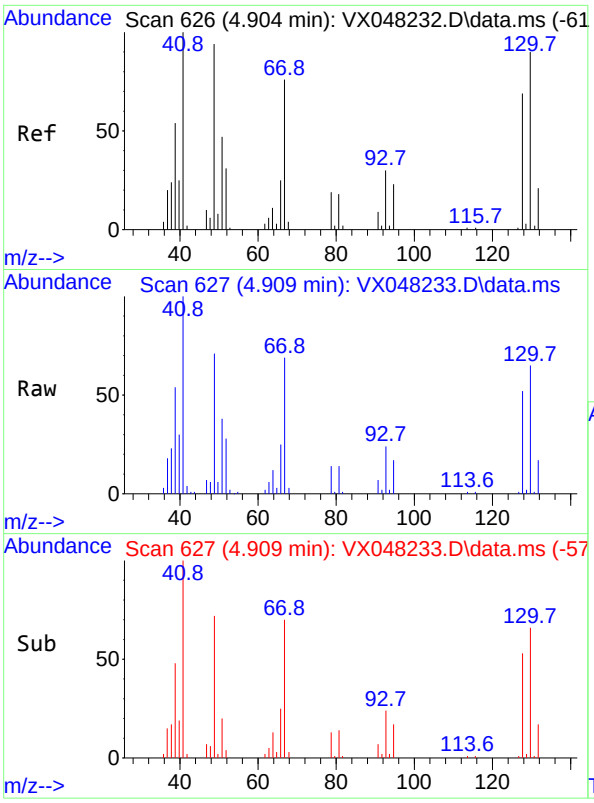




#40
Benzene
Concen: 101.216 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 78 Resp: 535407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 19.3 | 28.9 |



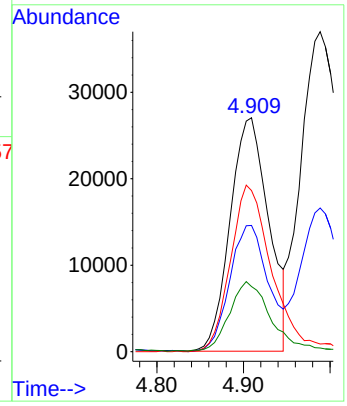


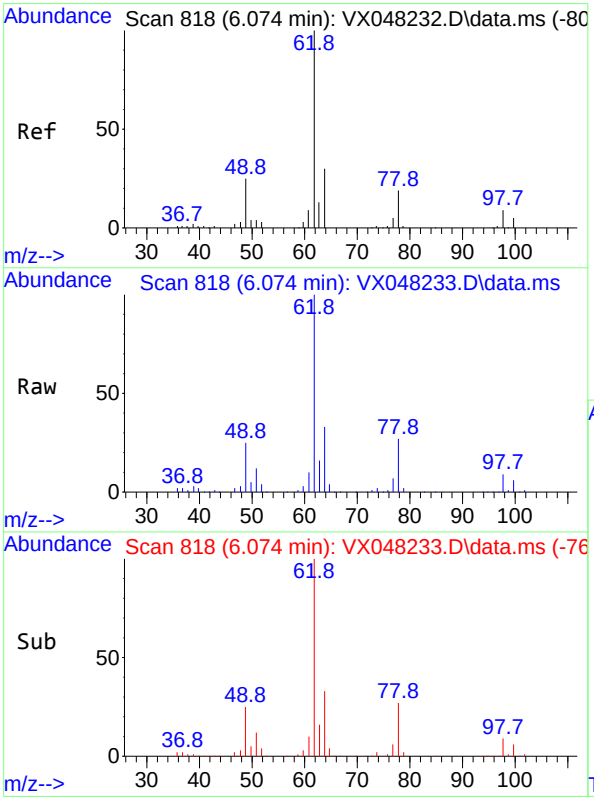

#41
Methacrylonitrile
Concen: 105.653 ug/l
RT: 4.909 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 41 Resp: 83790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.4 | 44.0 | 66.0 |
| 67 | 77.7 | 58.7 | 88.1 |
| 52 | 32.3 | 25.9 | 38.9 |

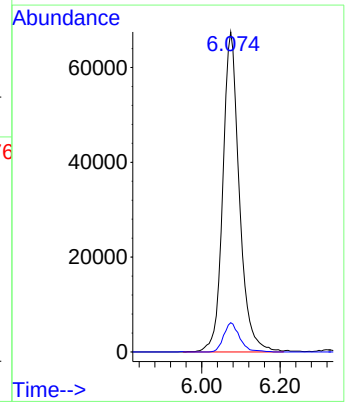


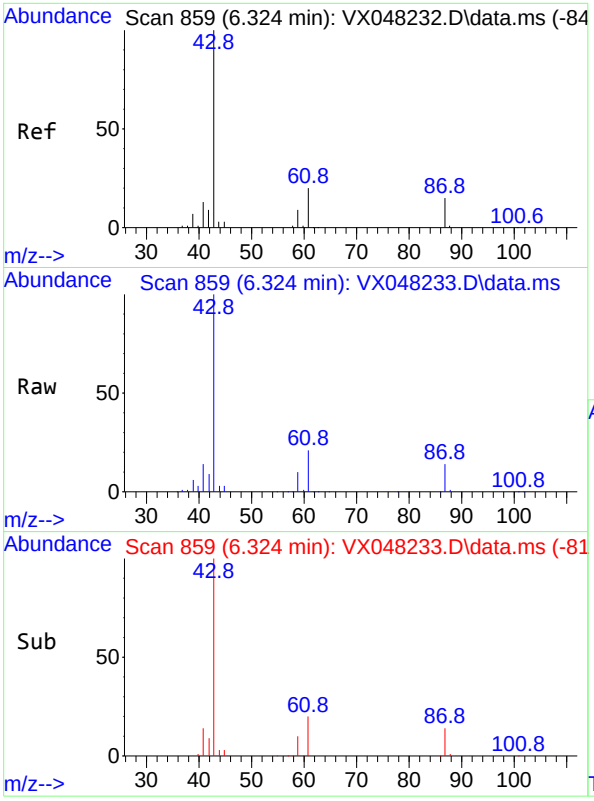




#42
1,2-Dichloroethane
Concen: 101.616 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 198348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.8 | 0.0 | 17.2 |



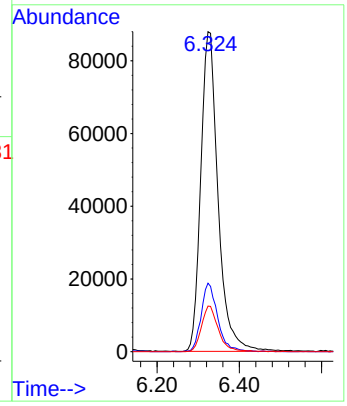


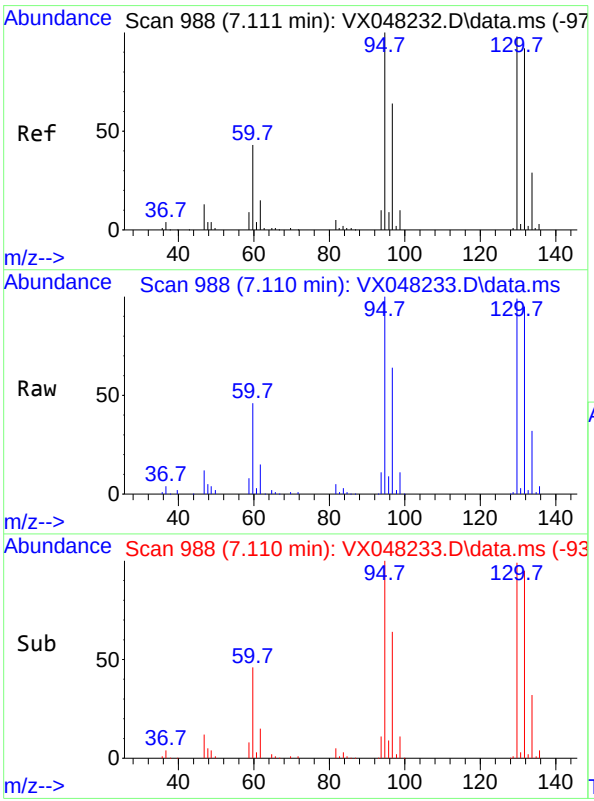

#43
Isopropyl Acetate
Concen: 103.227 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 256067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.5 | 14.9 | 22.3 |
| 87 | 14.0 | 9.4 | 14.2 |

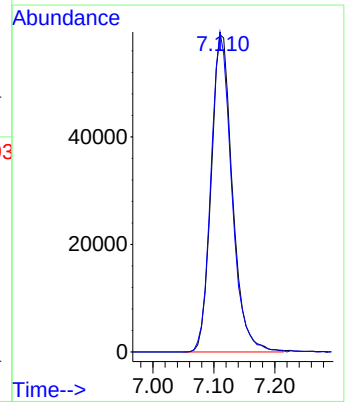


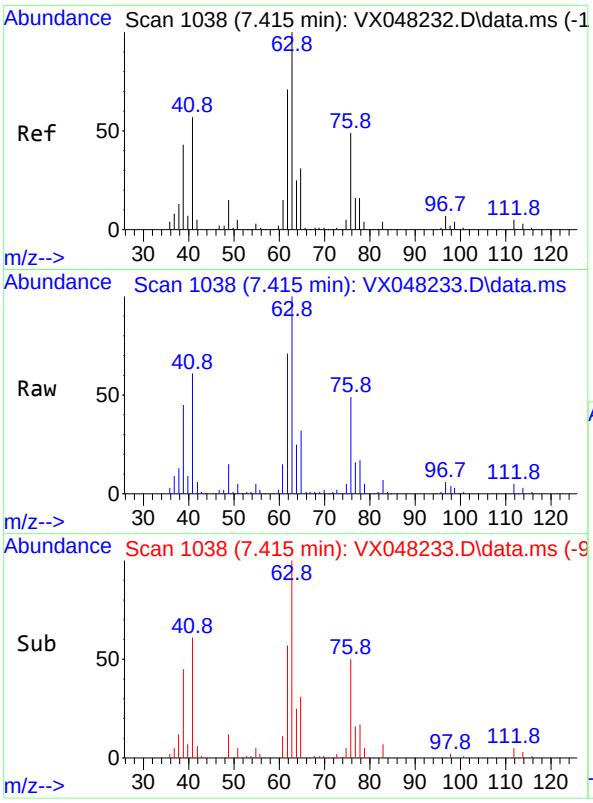




#44
Trichloroethene
Concen: 102.221 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:130 Resp: 142779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 100.8 | 0.0 | 200.6 |



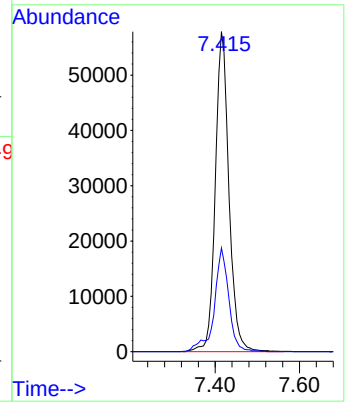


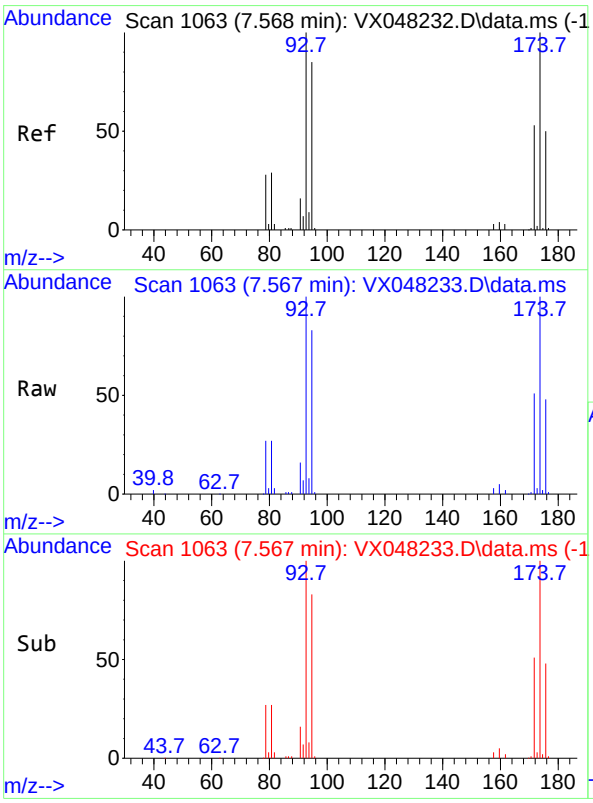

#45
1,2-Dichloropropane
Concen: 103.516 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 63 Resp: 130188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.4 | 24.1 | 36.1 |

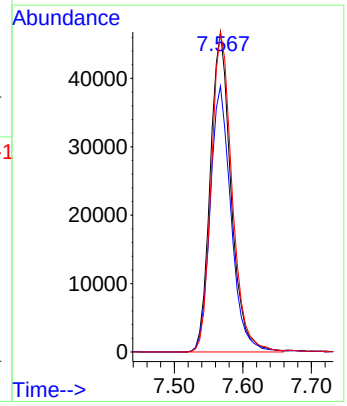


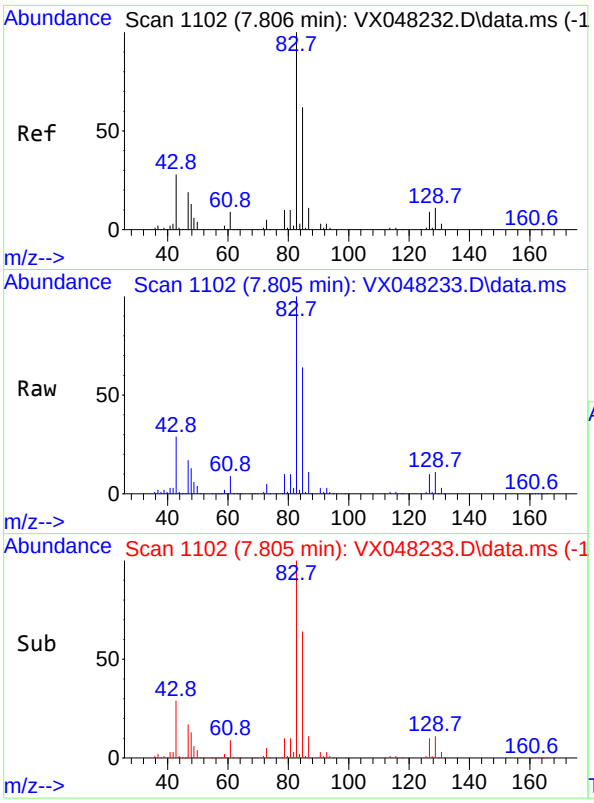




#46
Dibromomethane
Concen: 100.126 ug/l
RT: 7.567 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 93 Resp: 98105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.4 | 65.9 | 98.9 |
| 174 | 100.3 | 71.7 | 107.5 |



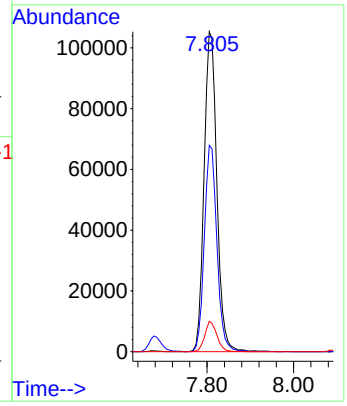


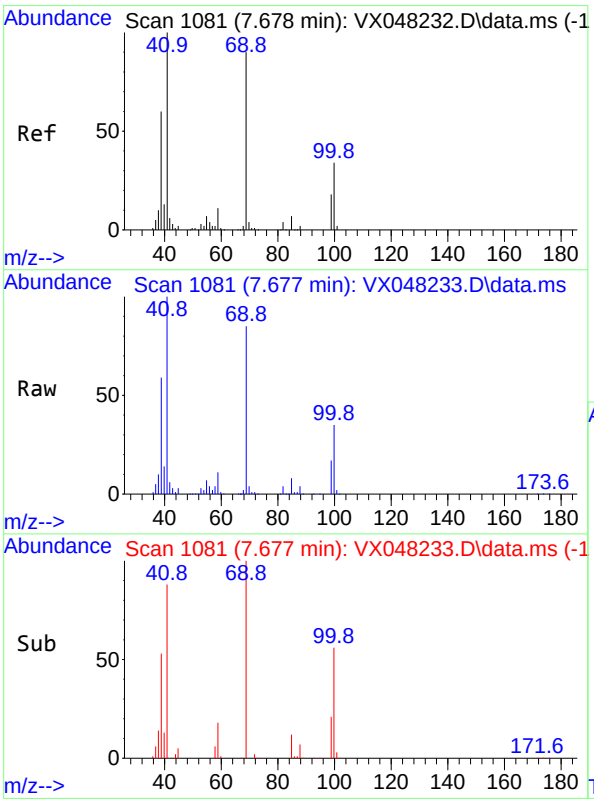

#47
Bromodichloromethane
Concen: 101.770 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 83 Resp: 215302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 52.2 | 78.4 |
| 127 | 9.5 | 7.3 | 10.9 |

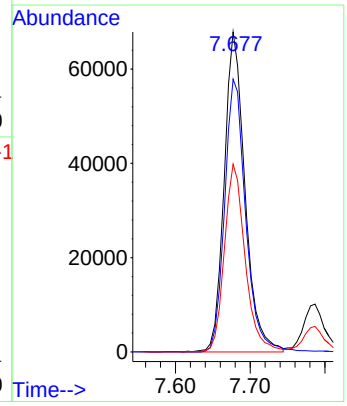


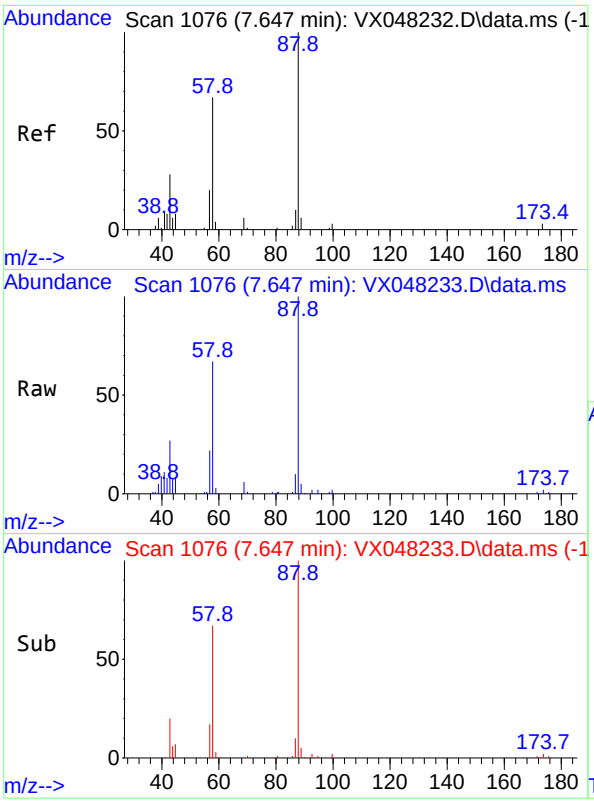




#48
Methyl methacrylate
Concen: 105.017 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 131454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.8 | 63.4 | 95.0 |
| 39 | 58.7 | 47.1 | 70.7 |



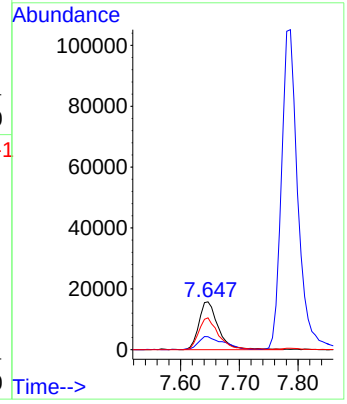


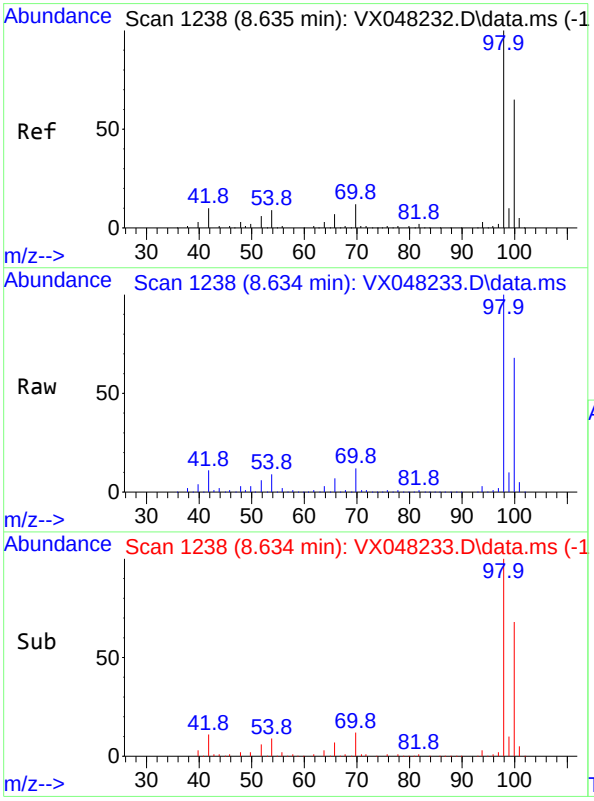

#49
1,4-Dioxane
Concen: 2175.223 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 88 Resp: 35972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 36.6 | 35.0 | 52.4 |
| 58 | 68.4 | 61.9 | 92.9 |

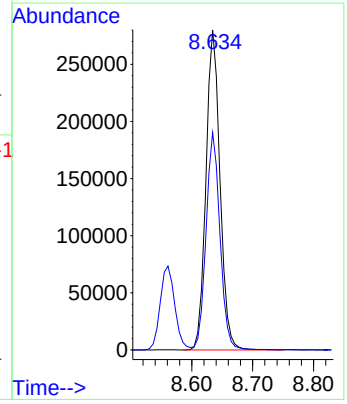


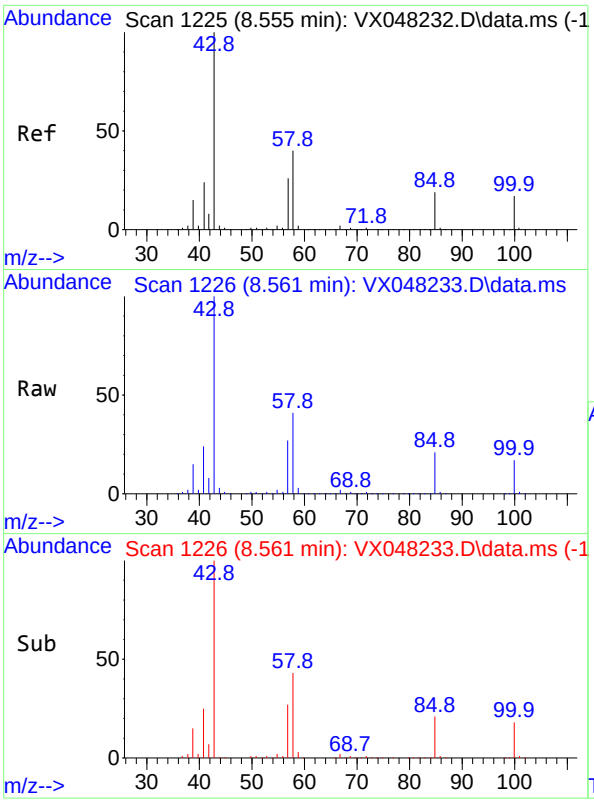




#50
Toluene-d8
Concen: 99.920 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 98 Resp: 448948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.3 | 53.0 | 79.4 |



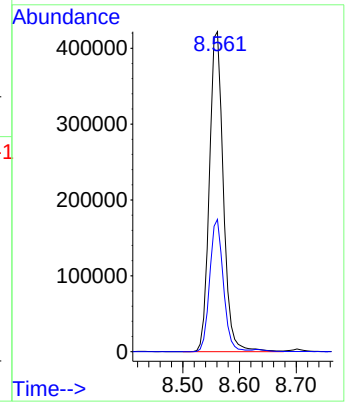


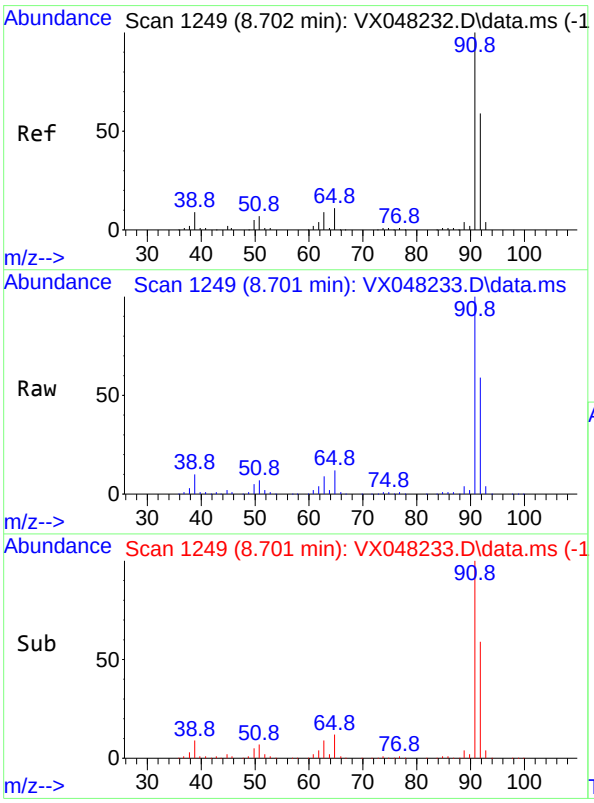

#51
4-Methyl-2-Pentanone
Concen: 504.097 ug/l
RT: 8.561 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 720980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 29.5 | 44.3 |

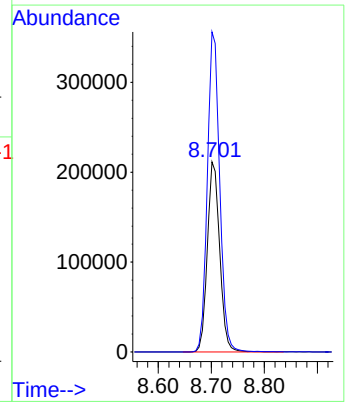


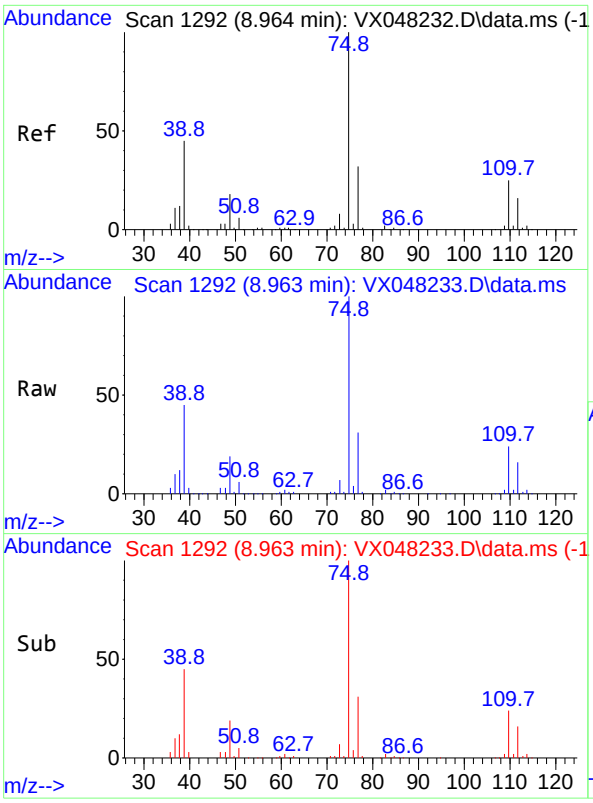




#52
Toluene
Concen: 101.651 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 92 Resp: 341597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.2 | 136.1 | 204.1 |



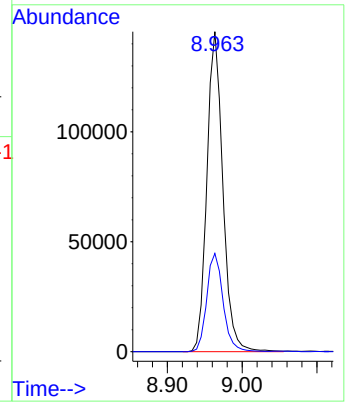


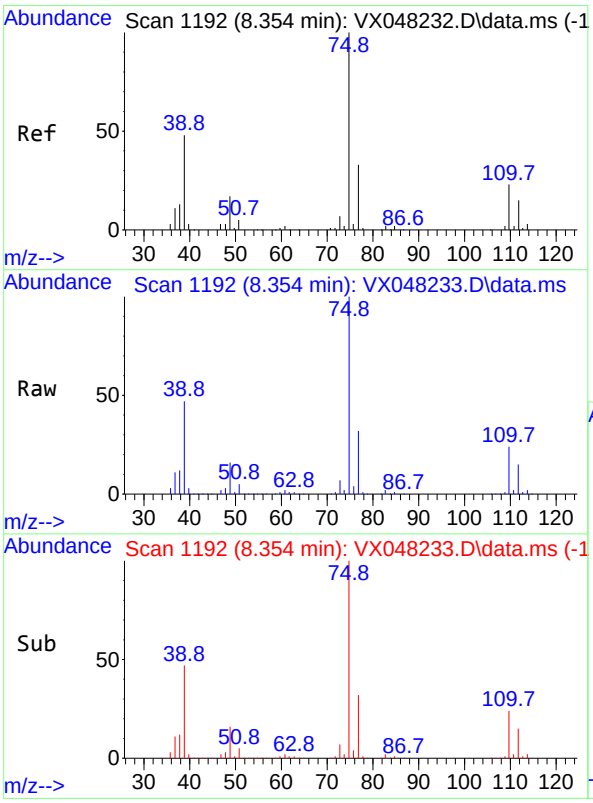

#53
t-1,3-Dichloropropene
Concen: 105.820 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 75 Resp: 215736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.7 | 25.0 | 37.6 |

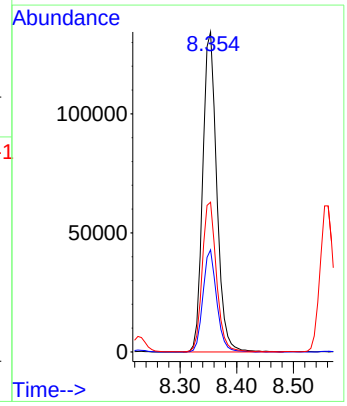


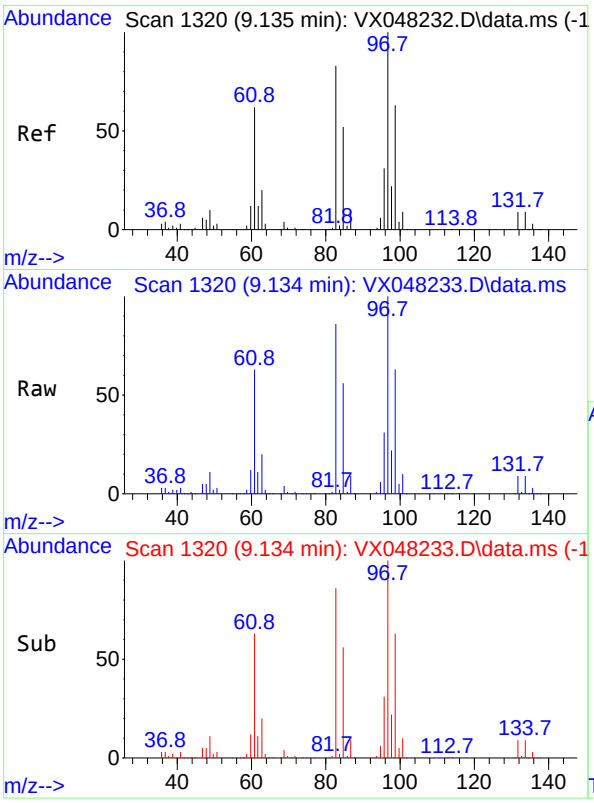




#54
cis-1,3-Dichloropropene
Concen: 105.038 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 231037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 24.9 | 37.3 |
| 39 | 46.7 | 42.6 | 64.0 |



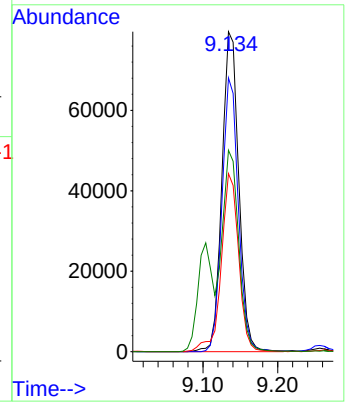


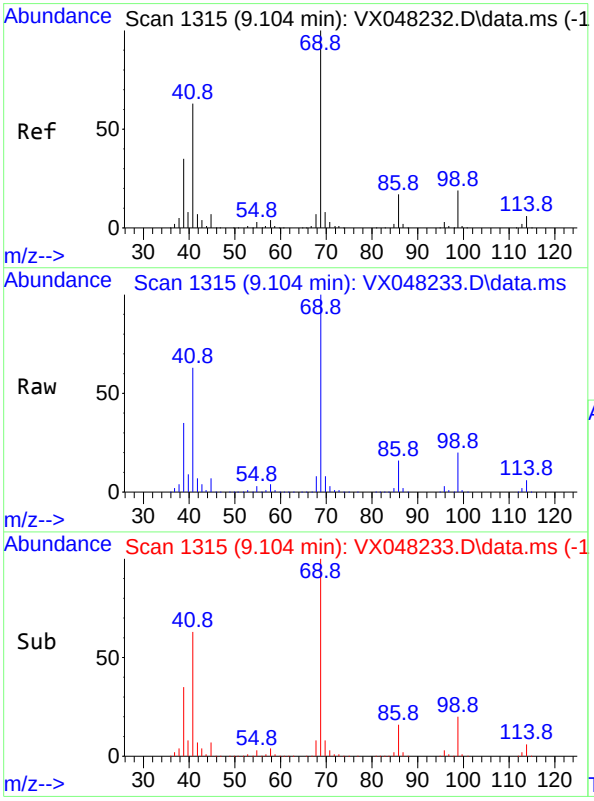

#55
1,1,2-Trichloroethane
Concen: 99.952 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 97 Resp: 124910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.5 | 70.6 | 105.8 |
| 85 | 55.7 | 45.0 | 67.6 |
| 99 | 62.8 | 50.9 | 76.3 |

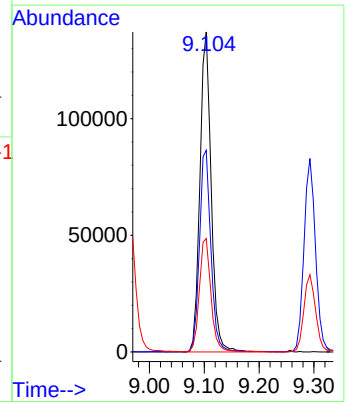


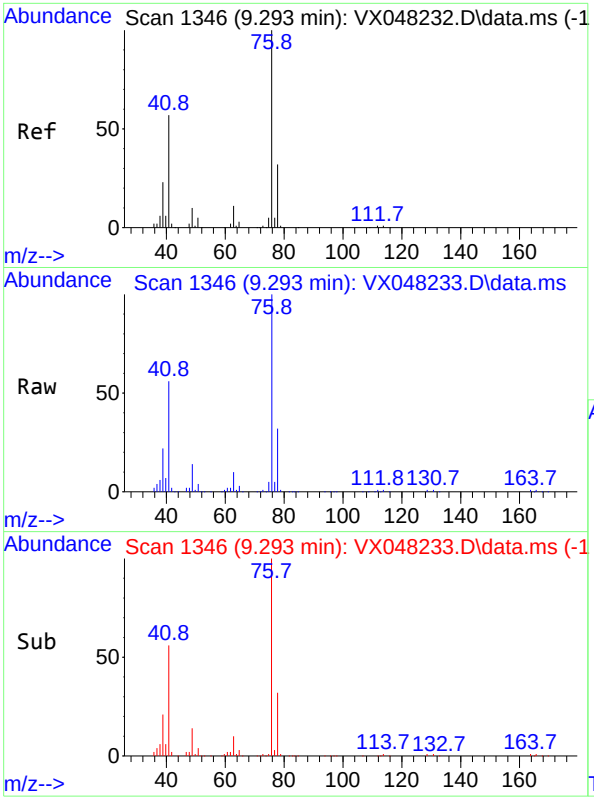




#56
Ethyl methacrylate
Concen: 107.610 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 69 Resp: 196699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.0 | 56.0 | 84.0 |
| 39 | 36.7 | 31.6 | 47.4 |



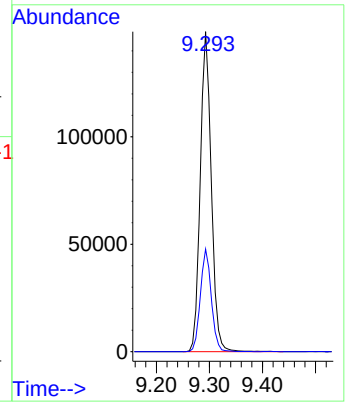


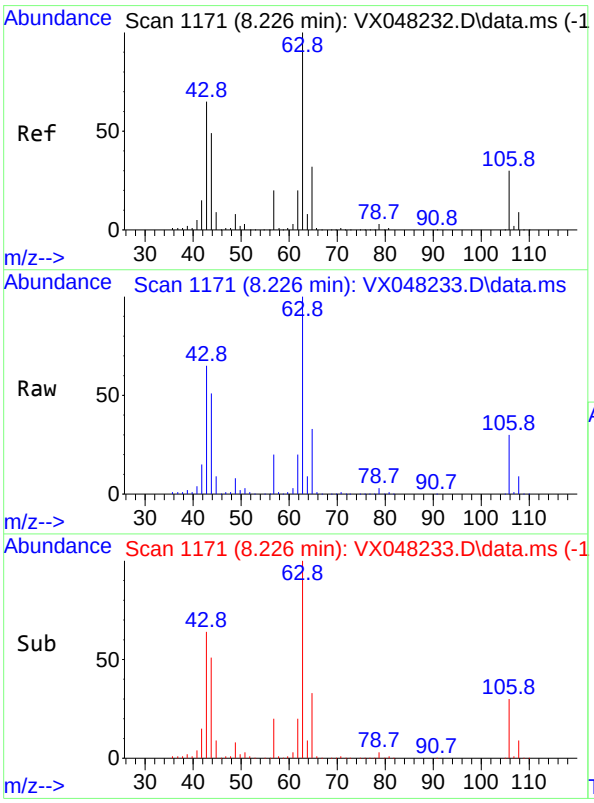

#57
1,3-Dichloropropane
Concen: 100.650 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 76 Resp: 214853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.4 | 38.0 |

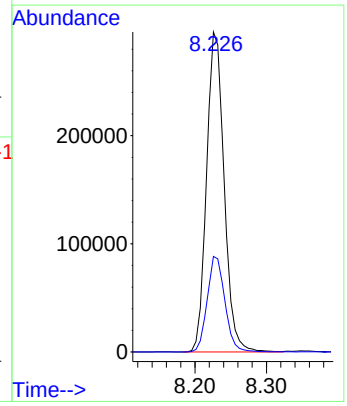


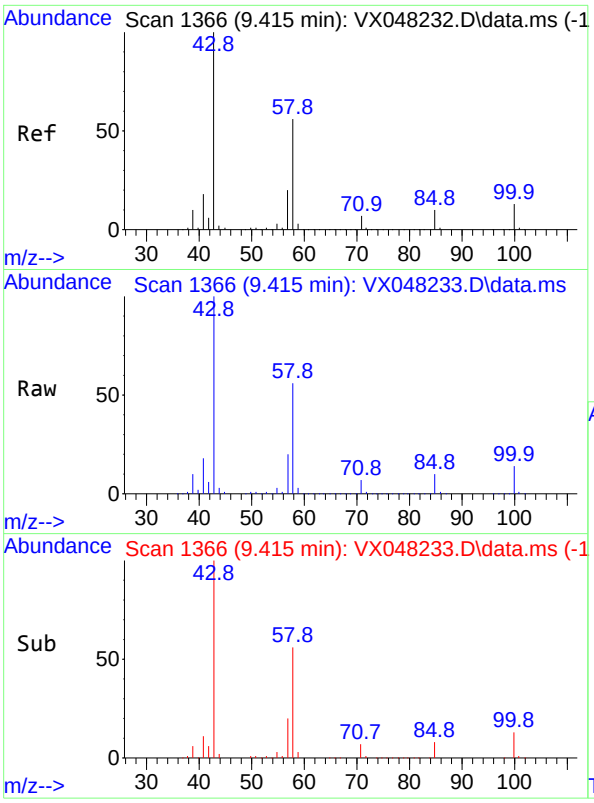




#58
2-Chloroethyl Vinyl ether
Concen: 512.470 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 505448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.0 | 22.2 | 33.2 |



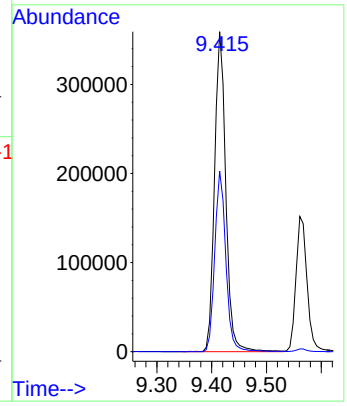


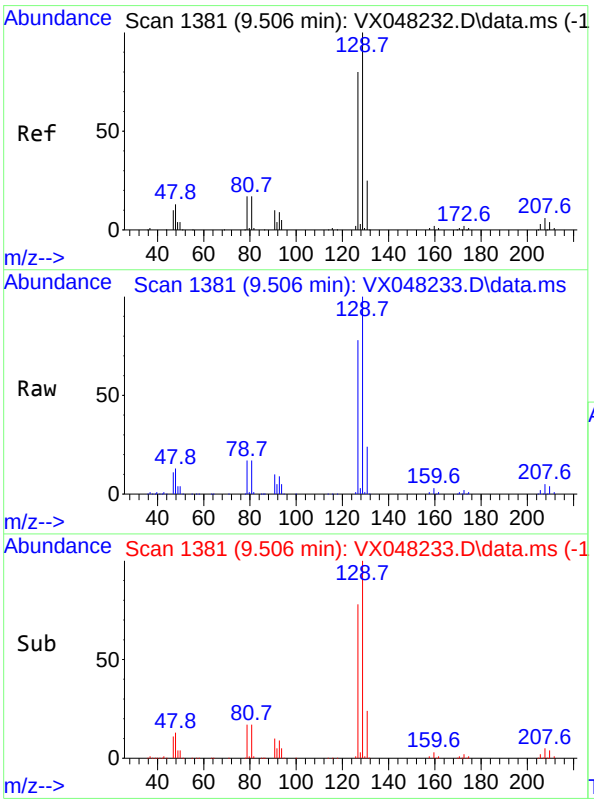

#59
2-Hexanone
Concen: 510.781 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 509398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.8 | 26.3 | 78.8 |

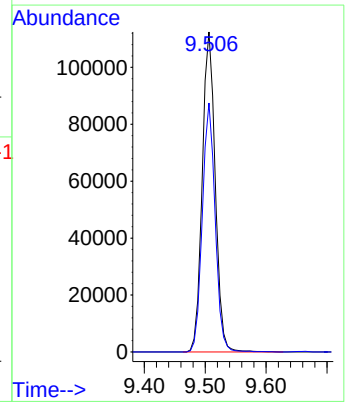


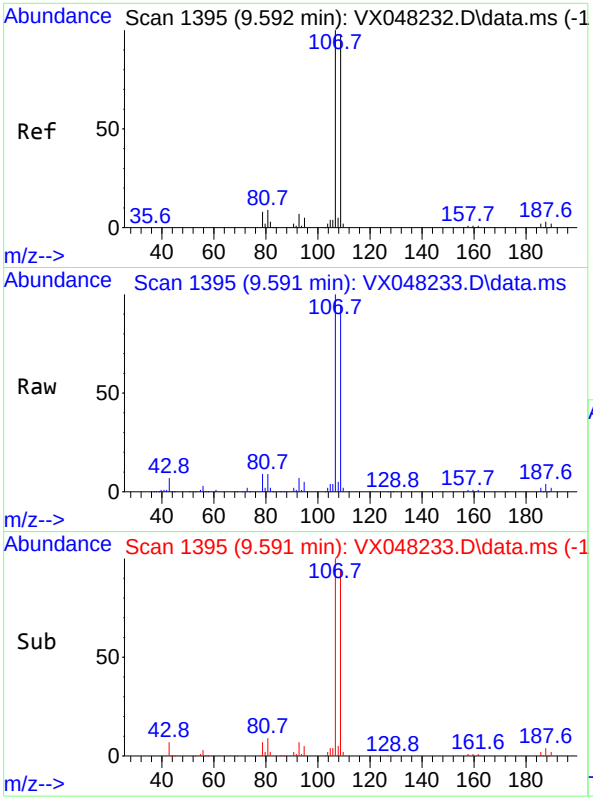




#60
Dibromochloromethane
Concen: 98.928 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:129 Resp: 166167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.9 | 38.6 | 115.7 |



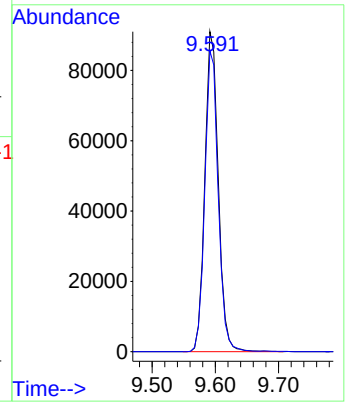


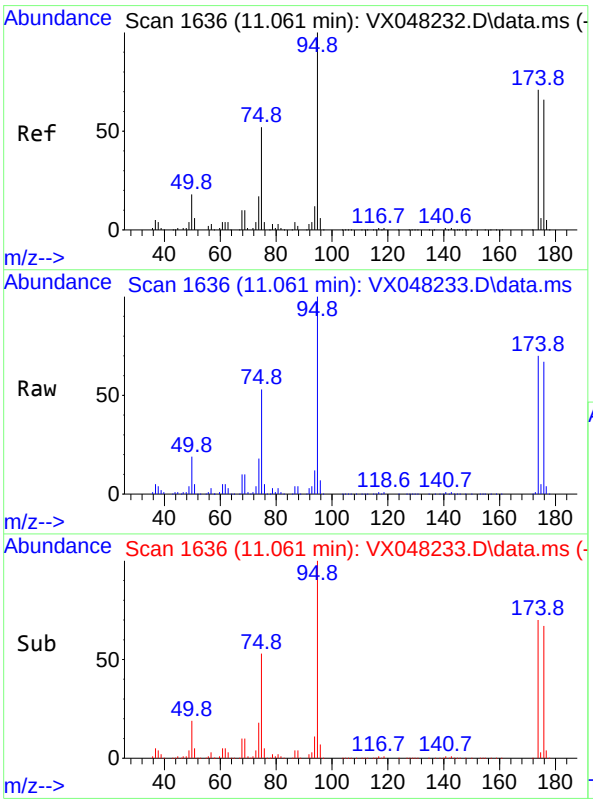

#61
1,2-Dibromoethane
Concen: 101.077 ug/l
RT: 9.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:107 Resp: 134662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.7 | 77.0 | 115.4 |

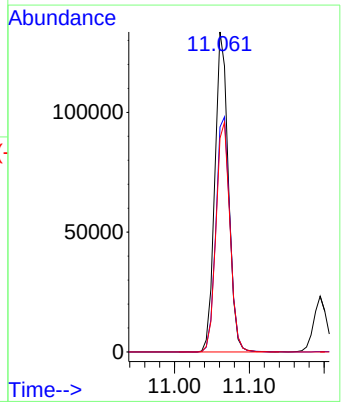


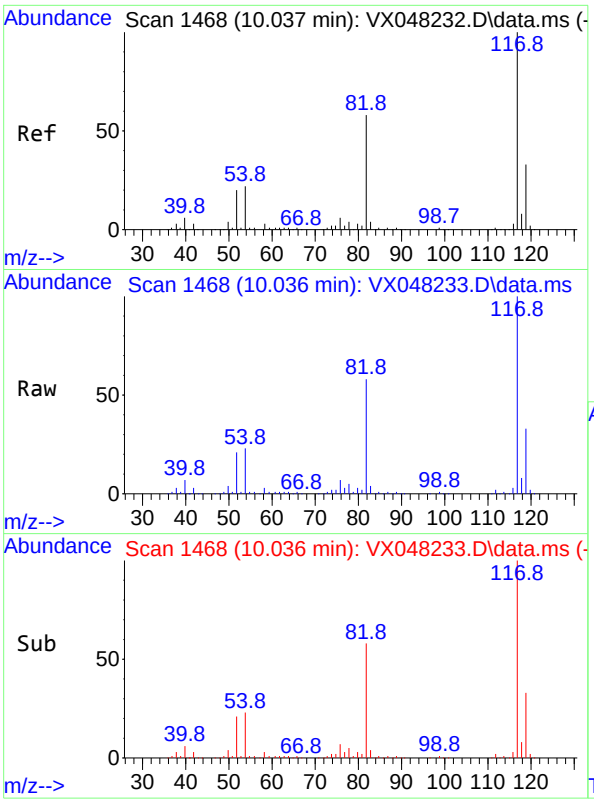




#62
4-Bromofluorobenzene
Concen: 98.032 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 95 Resp: 167565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.3 | 0.0 | 147.8 |
| 176 | 74.1 | 0.0 | 142.8 |



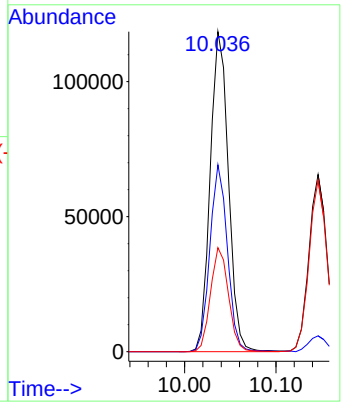


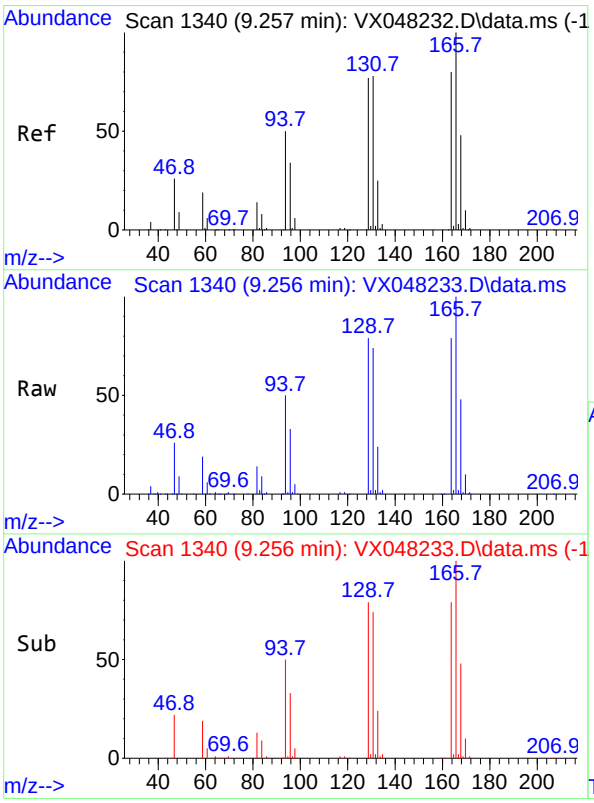

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:117 Resp: 163588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.4 | 46.5 | 69.7 |
| 119 | 32.5 | 25.9 | 38.9 |

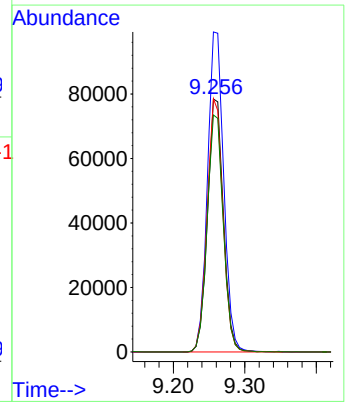


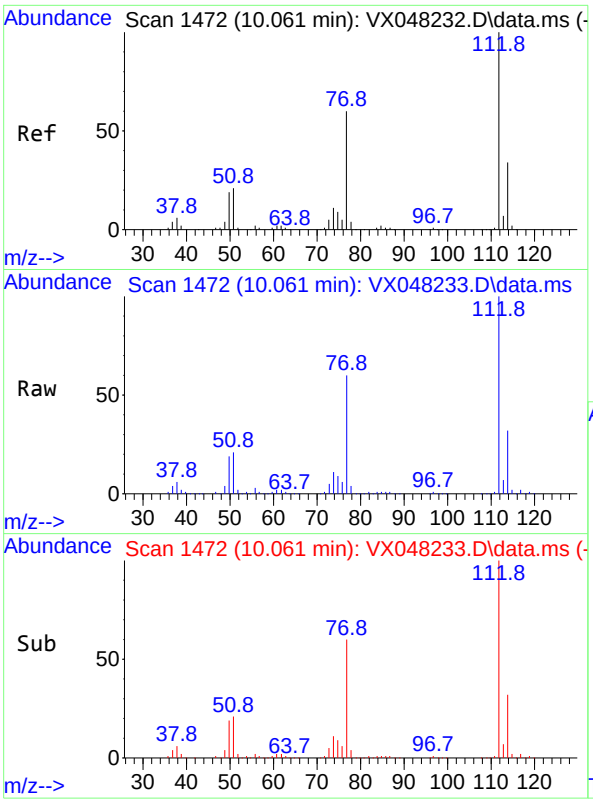




#64
Tetrachloroethene
Concen: 99.215 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:164 Resp: 121163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.5 | 104.5 | 156.7 |
| 129 | 100.1 | 81.8 | 122.6 |
| 131 | 93.6 | 77.0 | 115.6 |



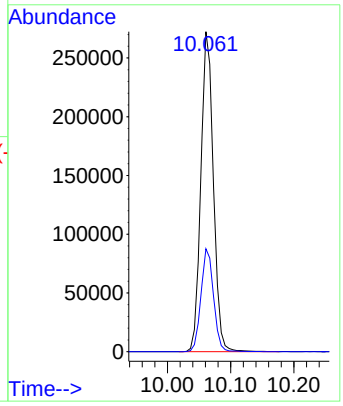


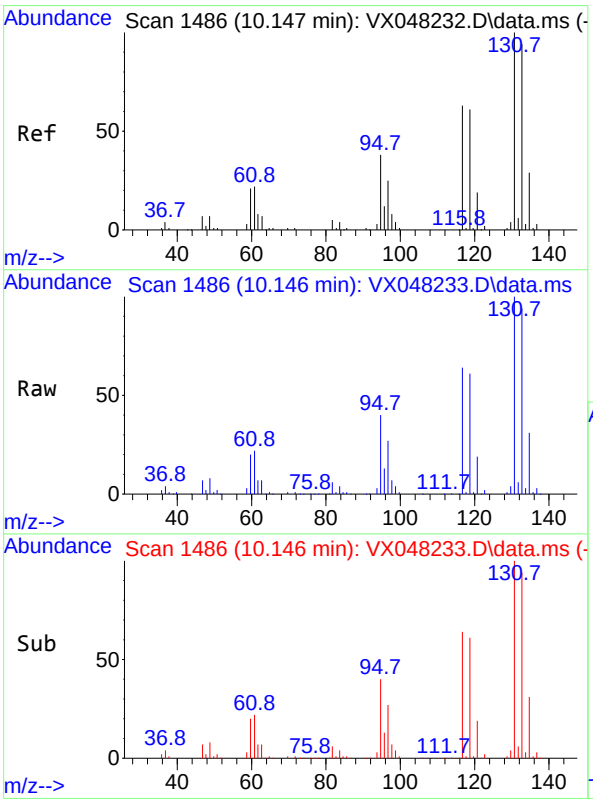

#65
Chlorobenzene
Concen: 102.048 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:112 Resp: 375532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 26.2 | 39.2 |

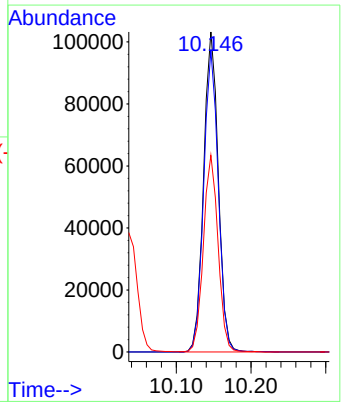


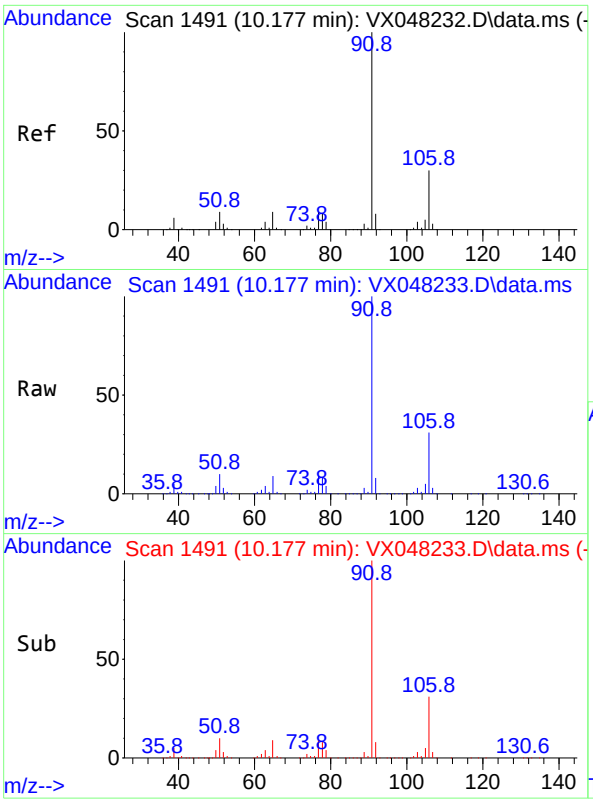




#66
1,1,1,2-Tetrachloroethane
Concen: 104.022 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:131 Resp: 140599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 93.7 | 47.6 | 142.8 |
| 119 | 61.6 | 32.5 | 97.5 |



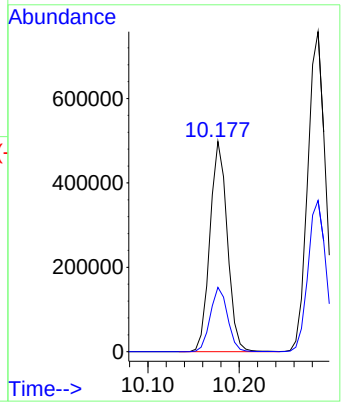


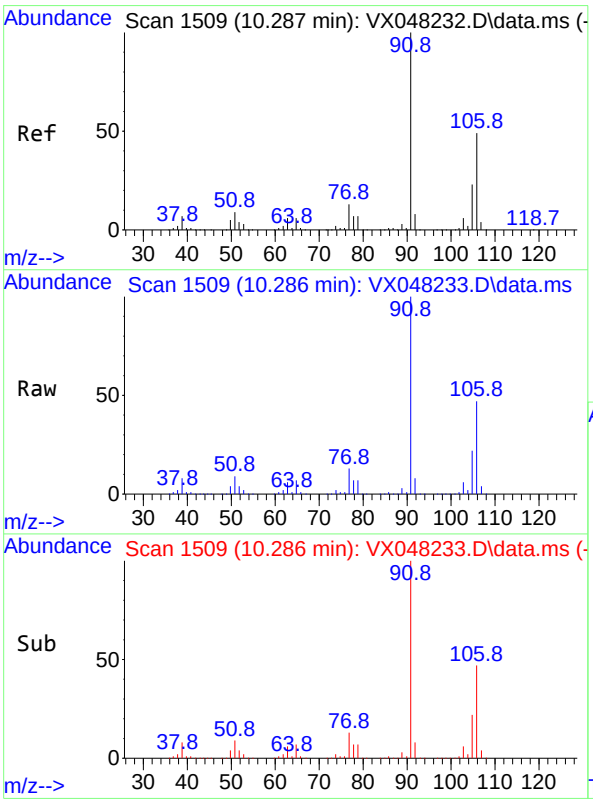

#67
Ethyl Benzene
Concen: 104.850 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 91 Resp: 656925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 23.8 | 35.6 |

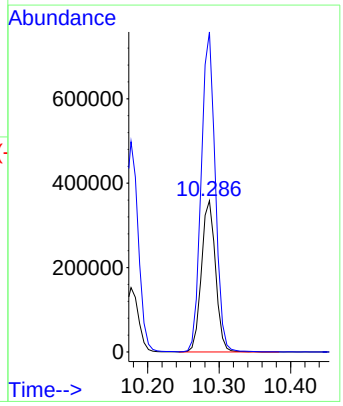


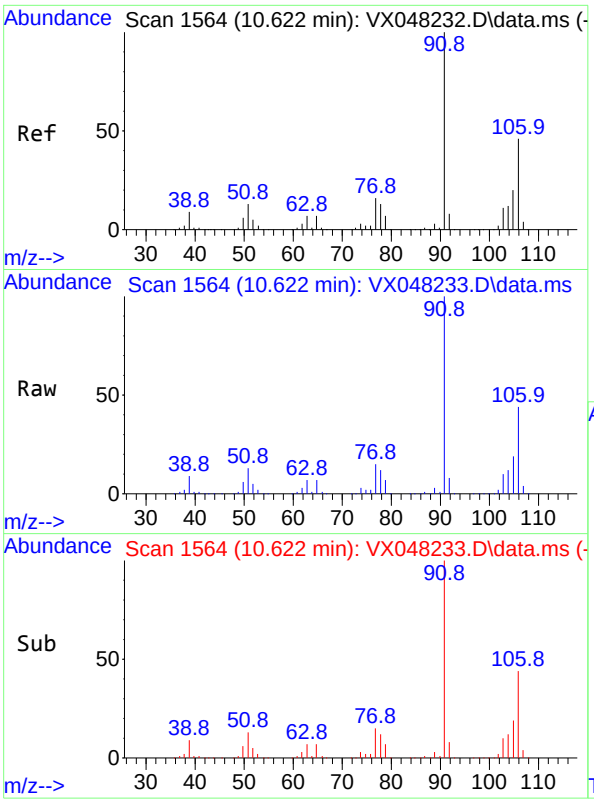




#68
m/p-Xylenes
Concen: 210.869 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:106 Resp: 490879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.5 | 167.9 | 251.9 |



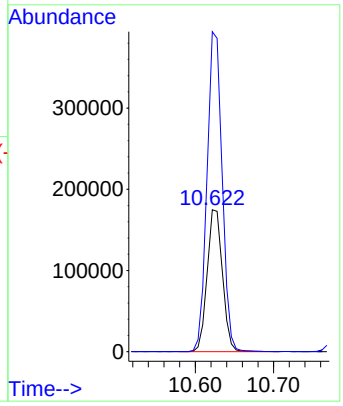


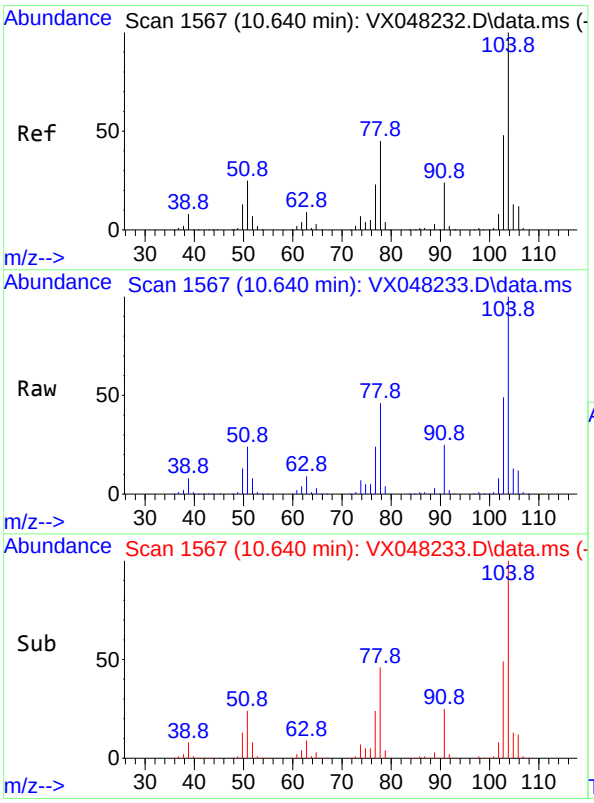

#69
o-Xylene
Concen: 105.297 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:106 Resp: 236648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.9 | 111.3 | 333.9 |

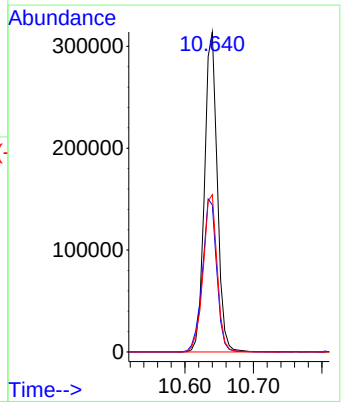


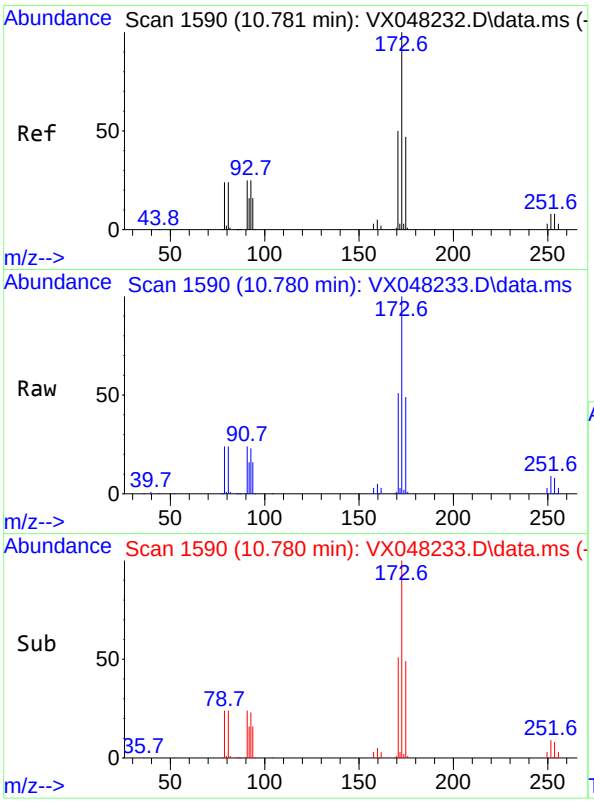




#70
Styrene
Concen: 106.594 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:104 Resp: 407916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.6 | 42.2 | 63.4 |
| 103 | 54.0 | 43.0 | 64.4 |



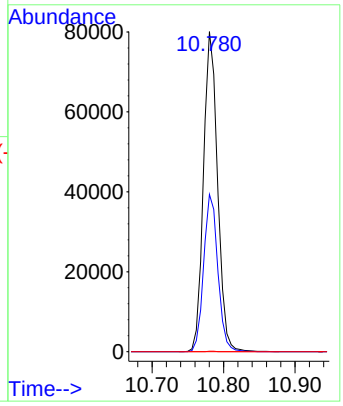


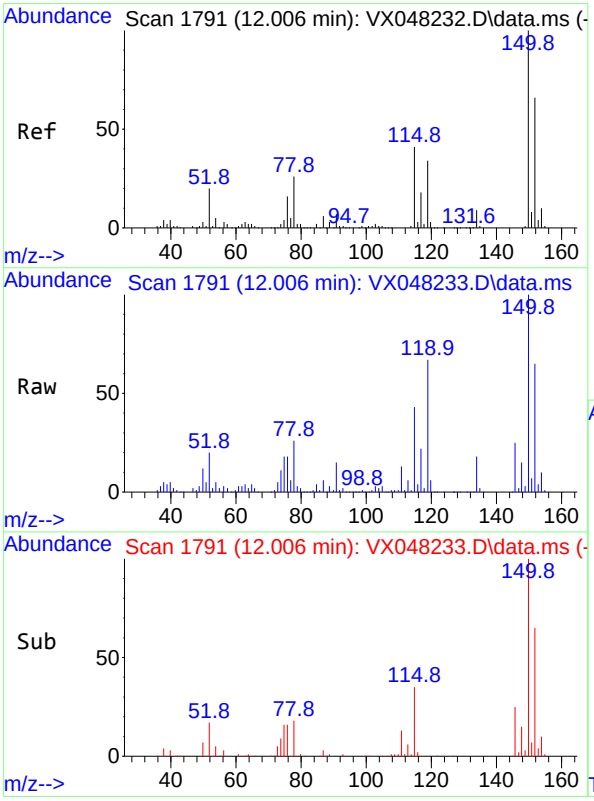

#71
Bromoform
Concen: 101.467 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:173 Resp: 109613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.4 | 24.0 | 72.0 |
| 254 | 0.1 | 0.0 | 0.0# |

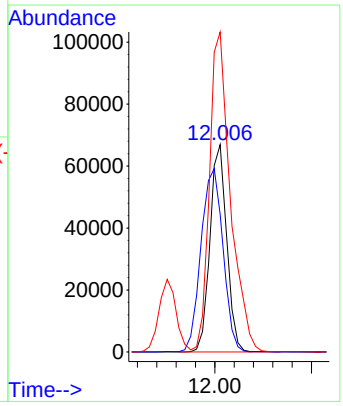


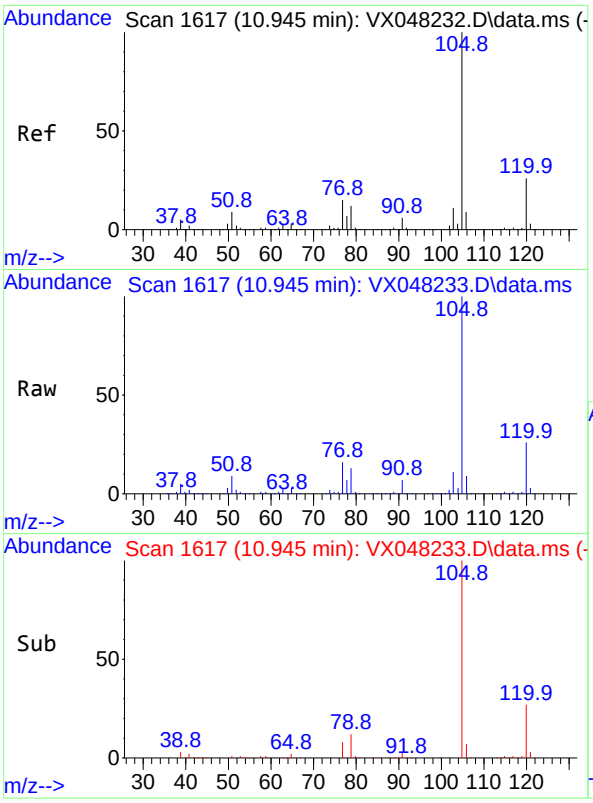




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:152 Resp: 80621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 116.4 | 43.1 | 129.4 |
| 150 | 192.6 | 0.0 | 353.0 |



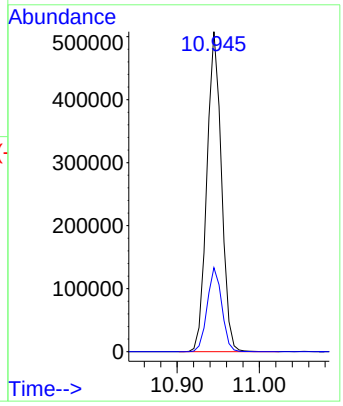


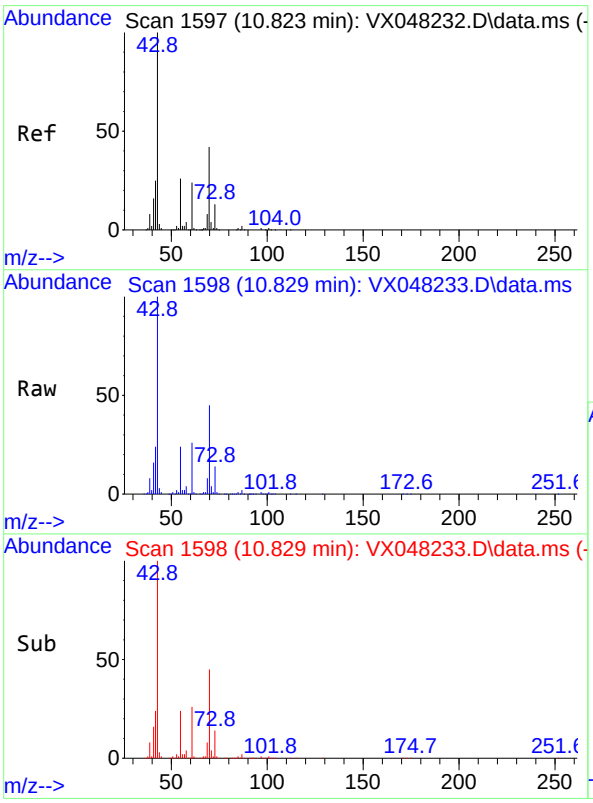

#73
Isopropylbenzene
Concen: 106.098 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:105 Resp: 624767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.2 | 13.0 | 38.9 |

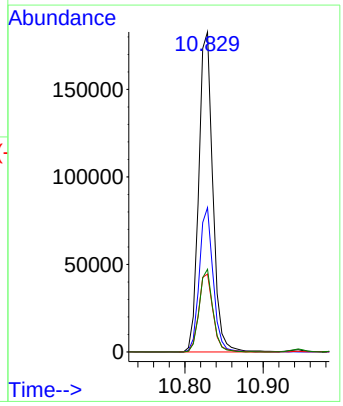


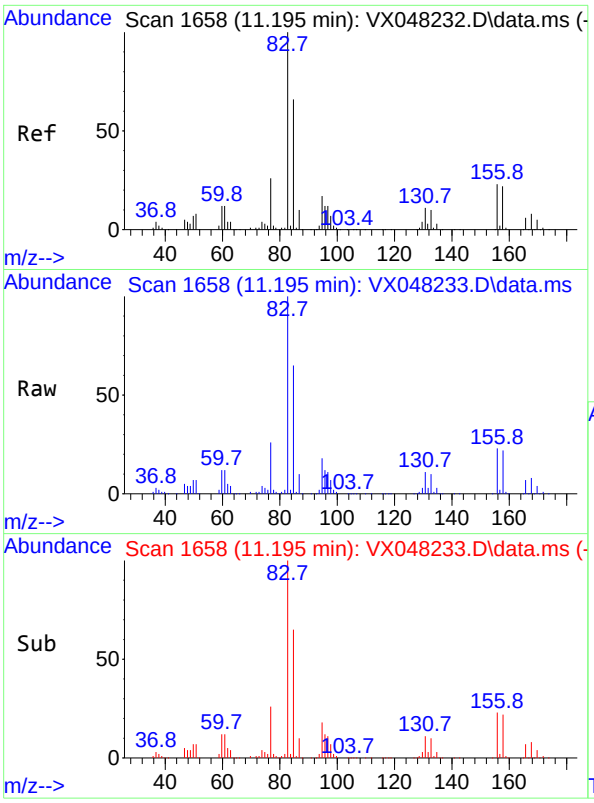




#74
N-amyl acetate
Concen: 109.195 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 228080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.4 | 32.2 | 48.2 |
| 55 | 24.8 | 19.1 | 28.7 |
| 61 | 25.0 | 18.6 | 28.0 |



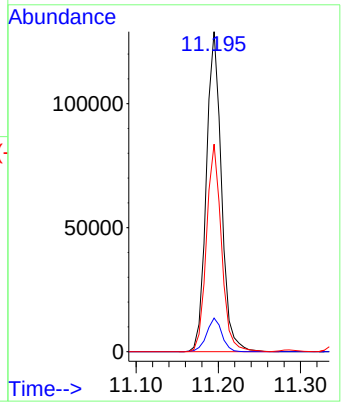


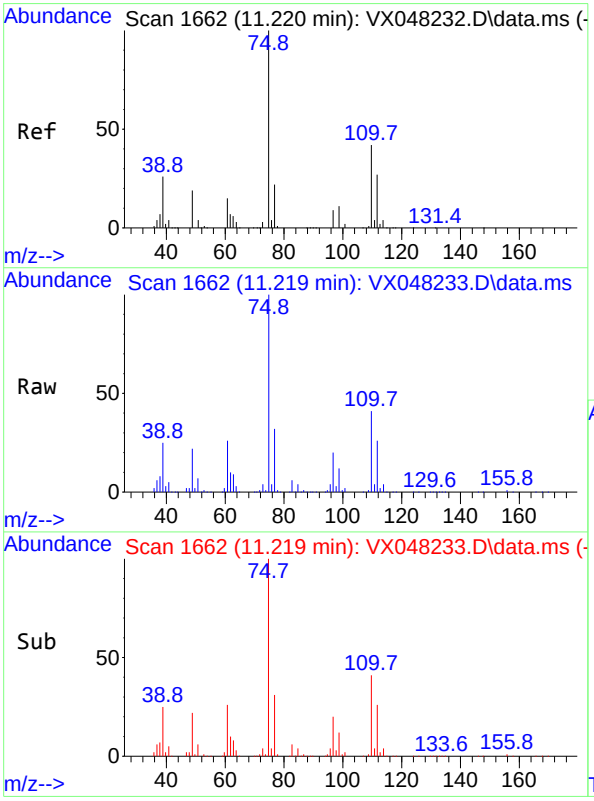

#75
1,1,2,2-Tetrachloroethane
Concen: 102.114 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 83 Resp: 164207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.6 | 4.8 | 14.4 |
| 85 | 64.4 | 31.9 | 95.7 |

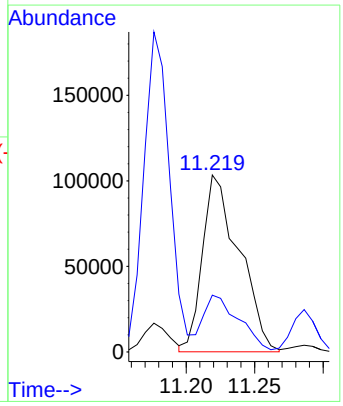


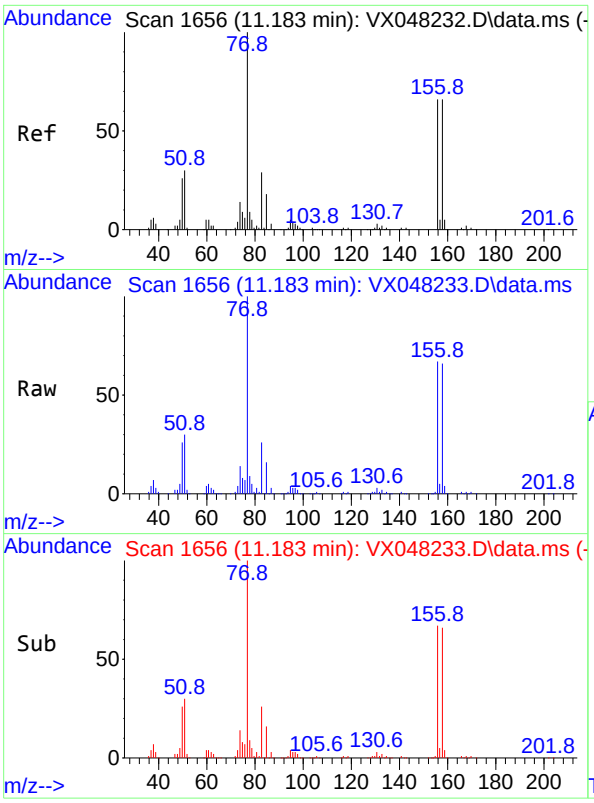




#76
1,2,3-Trichloropropane
Concen: 147.394 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 192703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.5 | 22.4 | 67.2 |



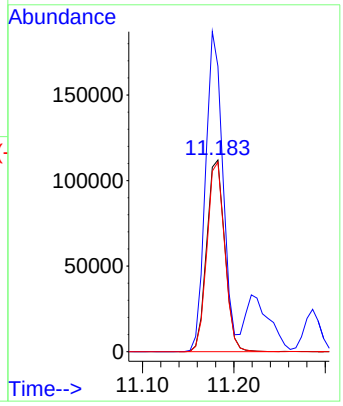


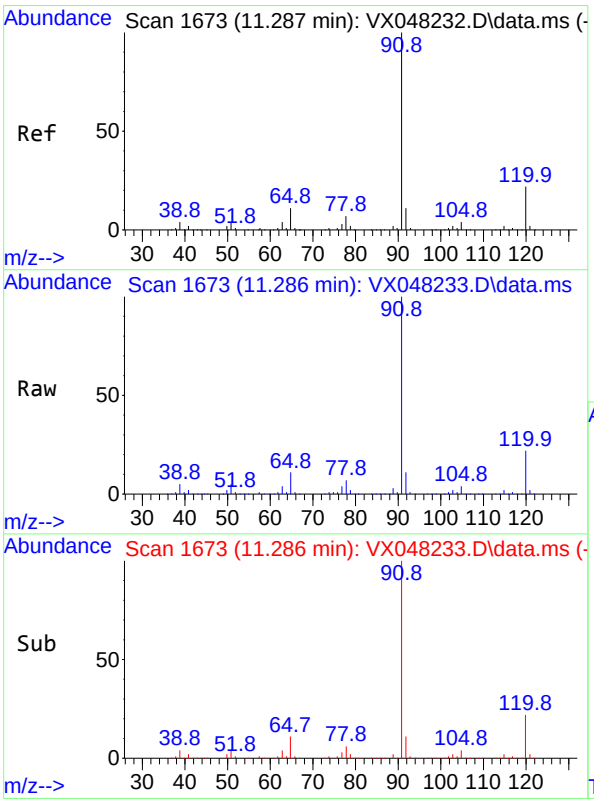

#77
Bromobenzene
Concen: 104.042 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:156 Resp: 153619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 159.4 | 87.0 | 261.0 |
| 158 | 96.9 | 47.8 | 143.4 |

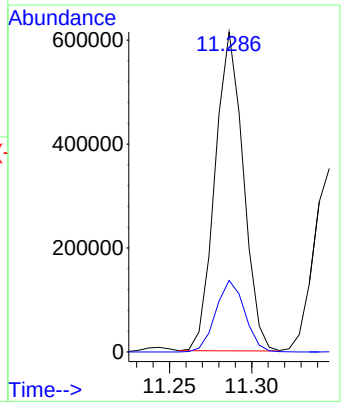


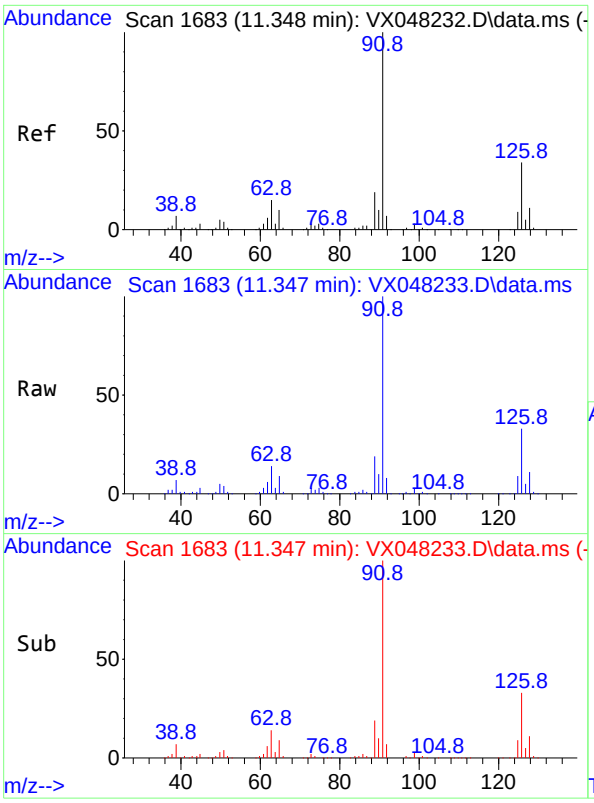




#78
n-propylbenzene
Concen: 107.464 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 732684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.0 | 11.1 | 33.1 |



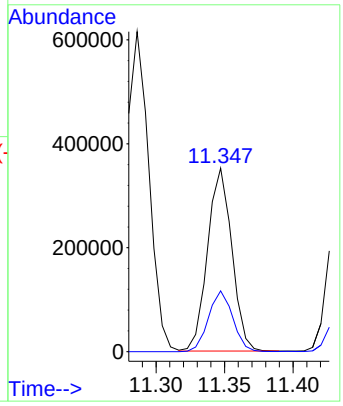


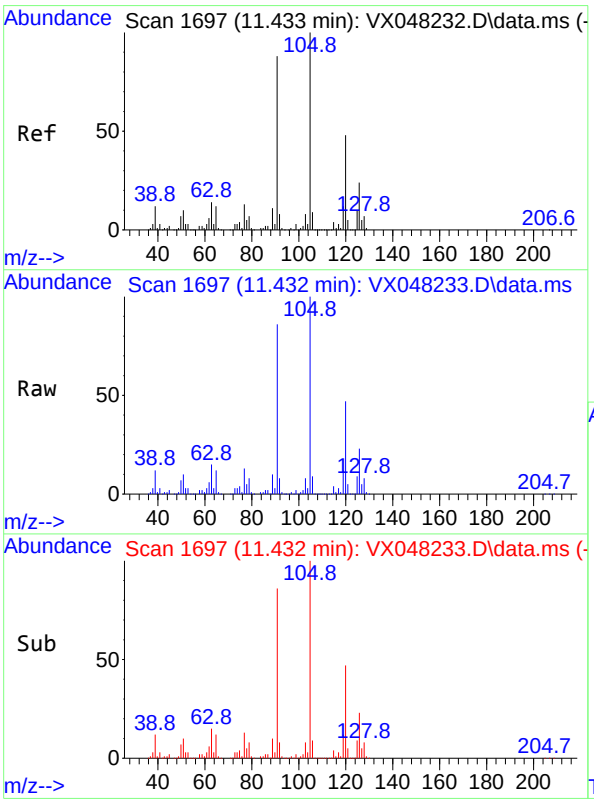

#79
2-Chlorotoluene
Concen: 105.044 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 91 Resp: 434217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.2 | 16.4 | 49.4 |

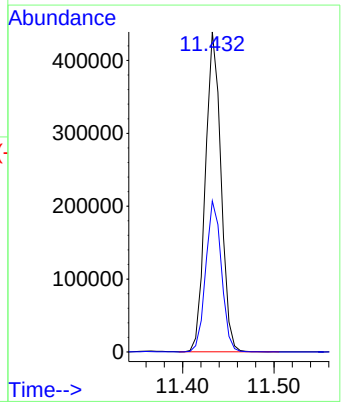


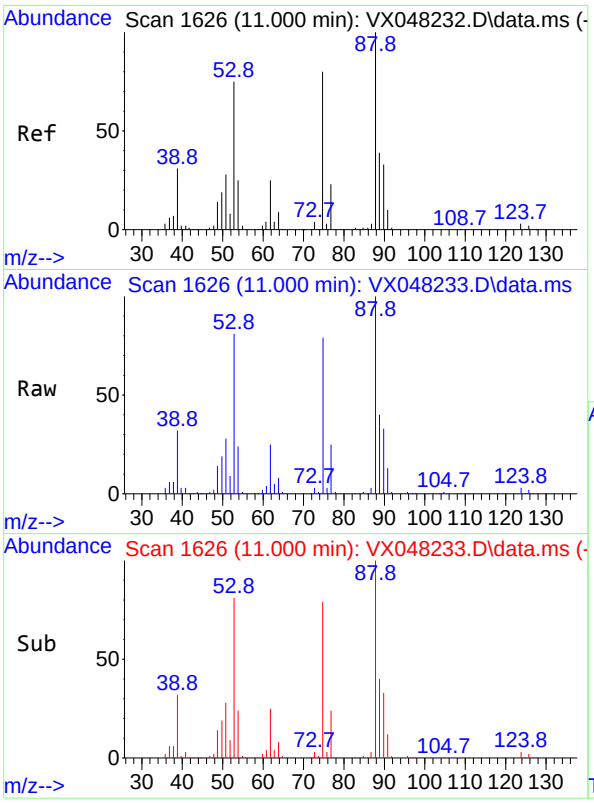




#80
1,3,5-Trimethylbenzene
Concen: 106.616 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 519549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.6 | 24.0 | 72.0 |



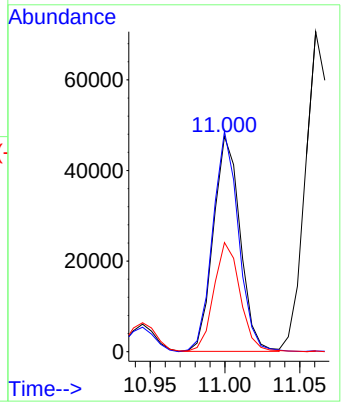


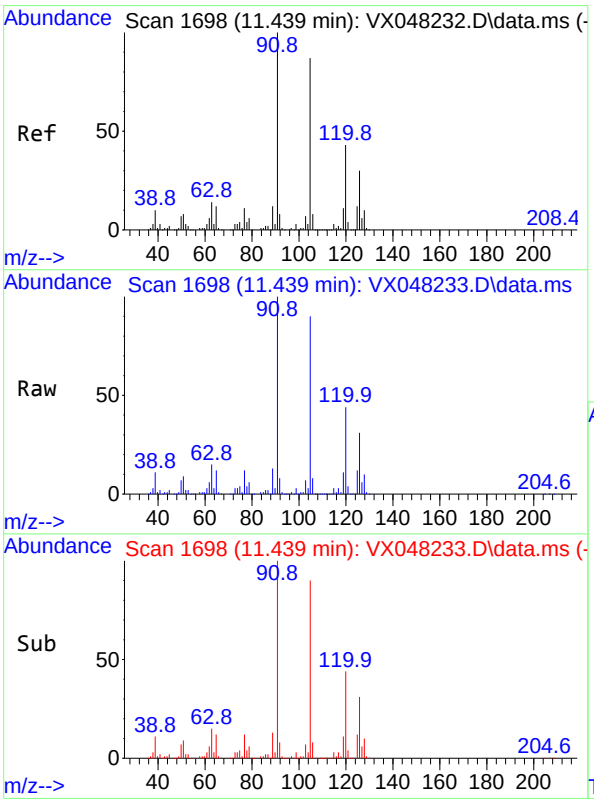

#81
trans-1,4-Dichloro-2-butene
Concen: 109.902 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 75 Resp: 59059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 98.7 | 79.5 | 119.3 |
| 89 | 49.9 | 36.8 | 55.2 |

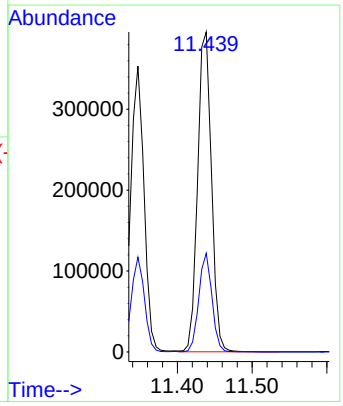


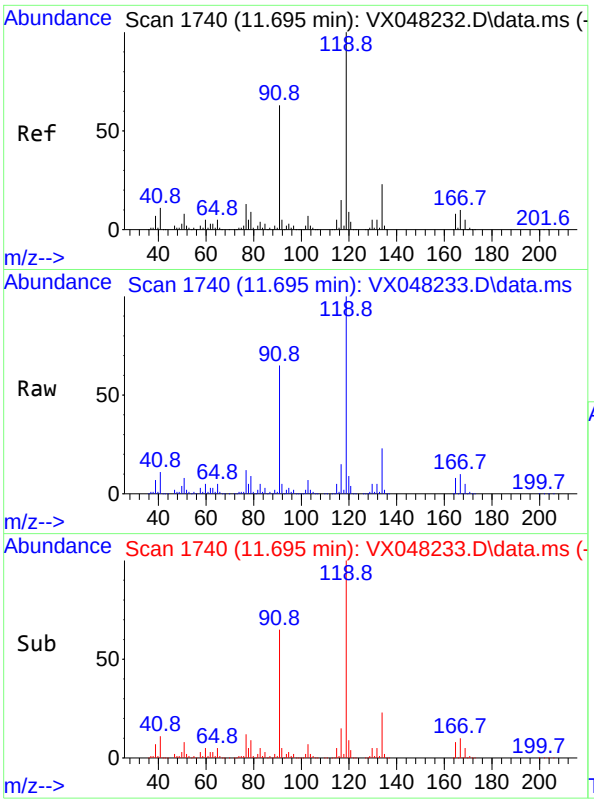




#82
4-Chlorotoluene
Concen: 103.293 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 506861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.5 | 14.1 | 42.4 |



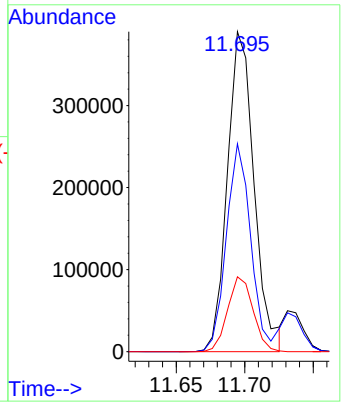


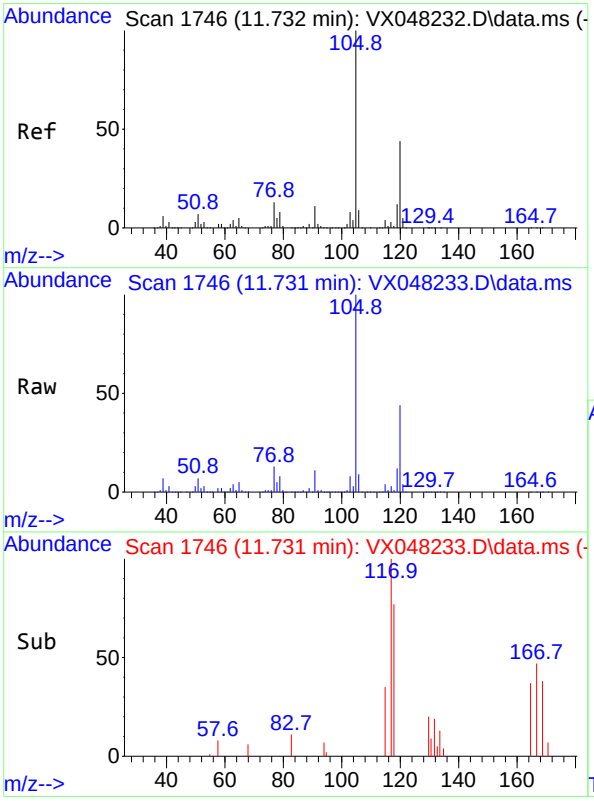

#83
tert-Butylbenzene
Concen: 105.707 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:119 Resp: 529264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.1 | 30.3 | 91.0 |
| 134 | 22.3 | 11.4 | 34.2 |

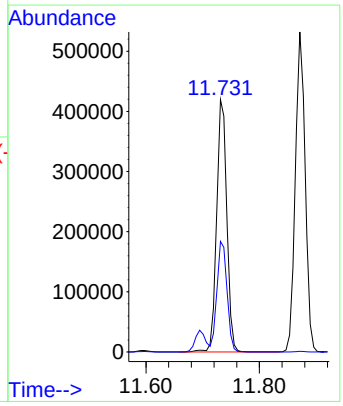


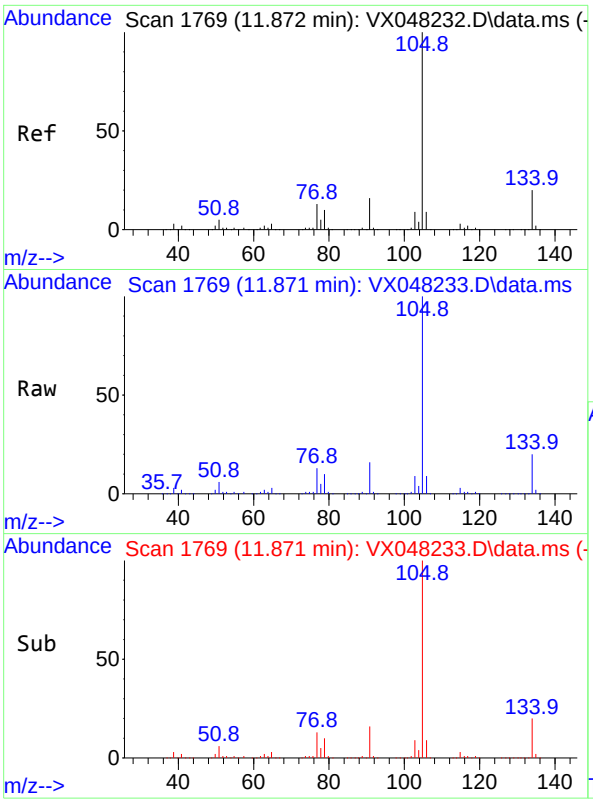




#84
1,2,4-Trimethylbenzene
Concen: 107.638 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 523474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 22.1 | 66.5 |



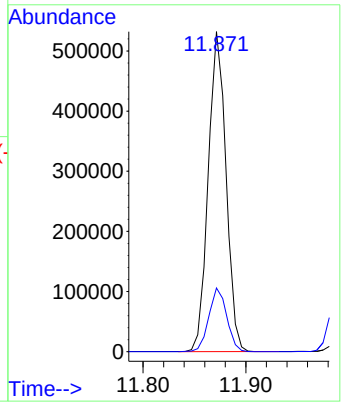


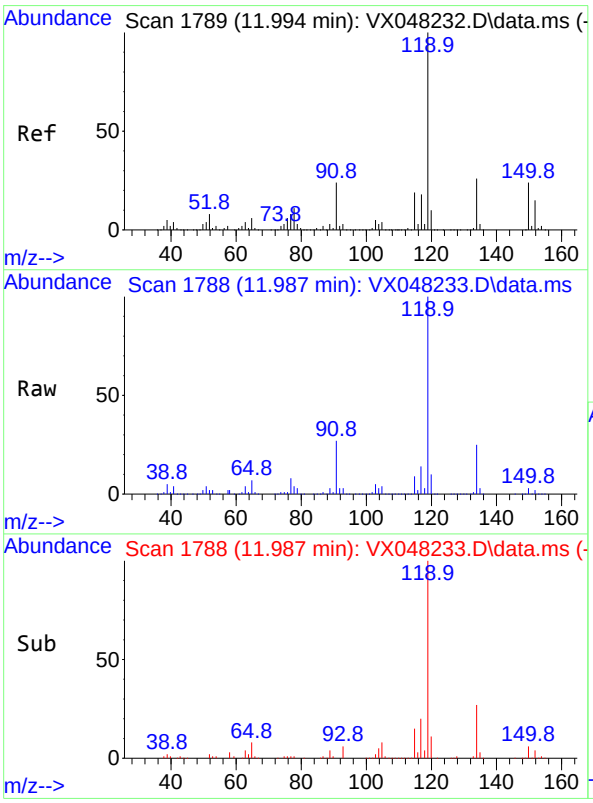

#85
sec-Butylbenzene
Concen: 106.228 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:105 Resp: 639904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.1 | 10.1 | 30.1 |

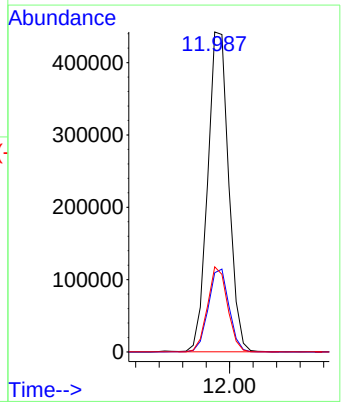


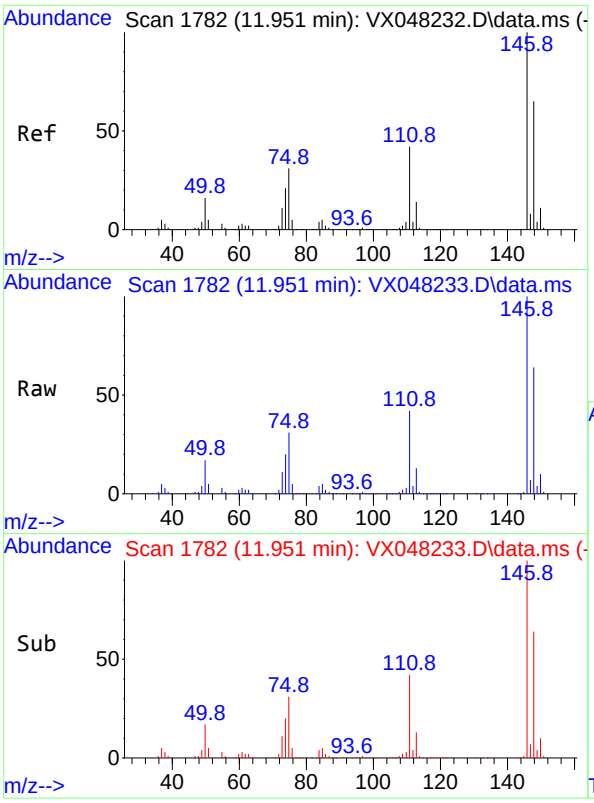




#86
p-Isopropyltoluene
Concen: 105.271 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:119 Resp: 548119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.7 | 13.0 | 39.0 |
| 91 | 25.5 | 12.1 | 36.3 |



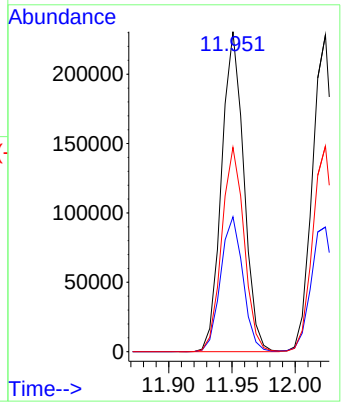


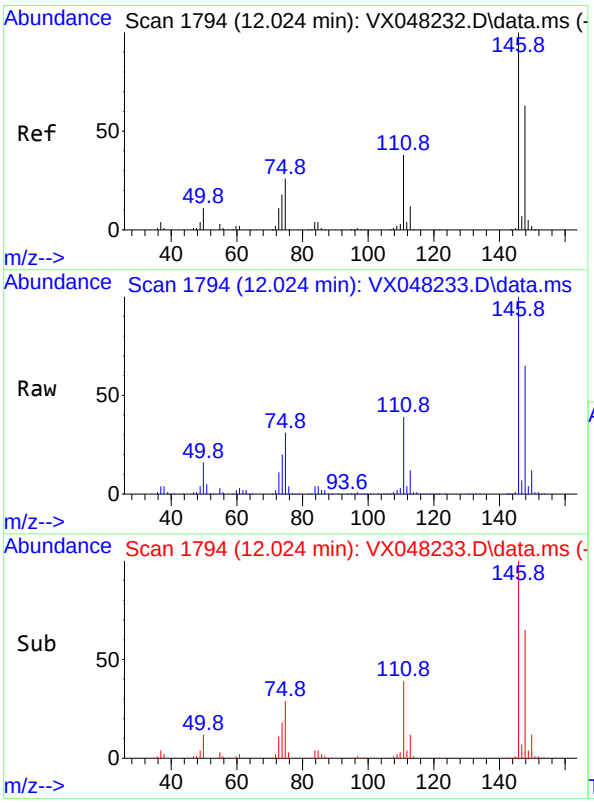

#87
1,3-Dichlorobenzene
Concen: 101.174 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:146 Resp: 281617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.4 | 20.4 | 61.2 |
| 148 | 64.2 | 31.9 | 95.9 |

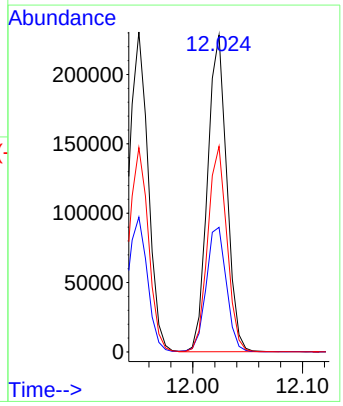


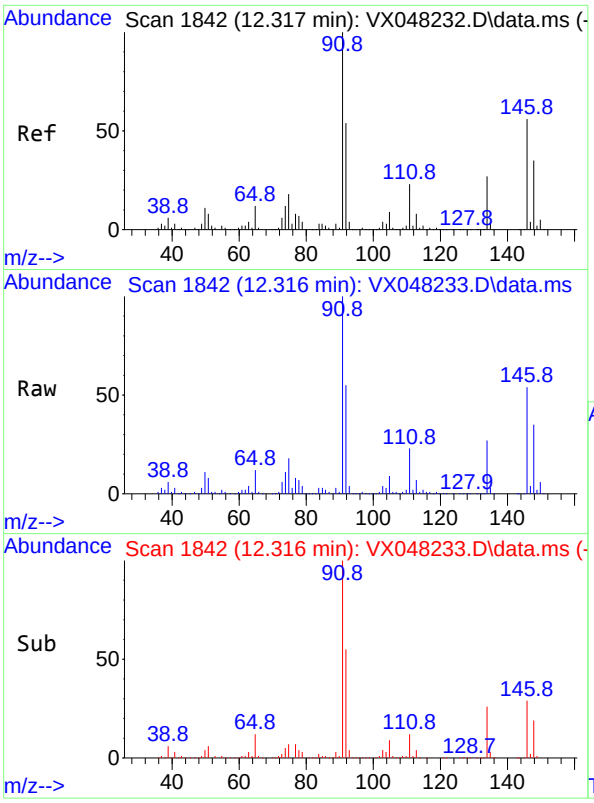




#88
1,4-Dichlorobenzene
Concen: 96.377 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:146 Resp: 277908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.3 | 20.1 | 60.2 |
| 148 | 65.0 | 31.8 | 95.3 |



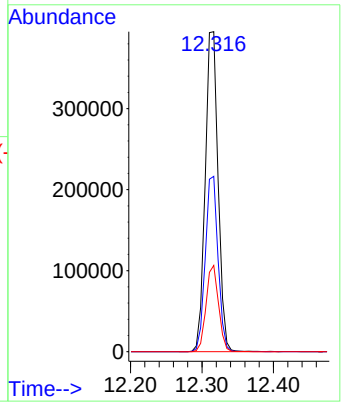


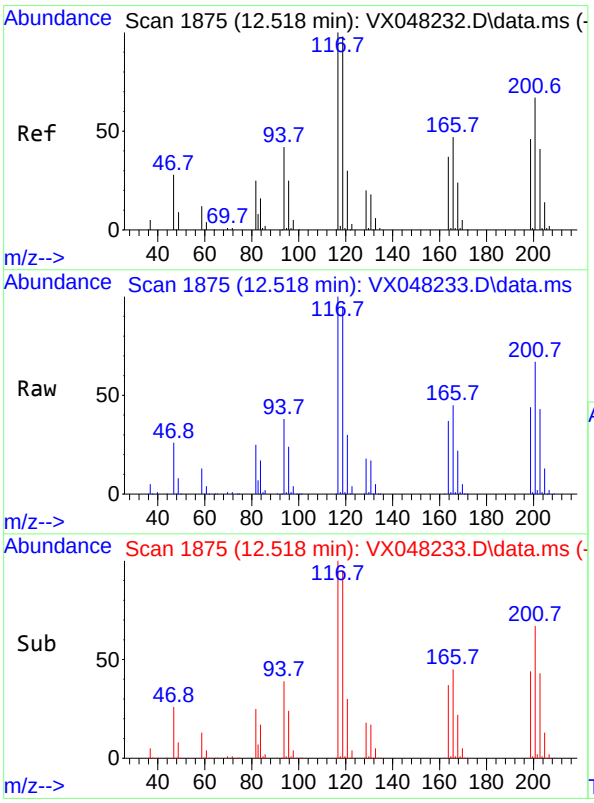

#89
n-Butylbenzene
Concen: 104.552 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion: 91 Resp: 495486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.3 | 26.9 | 80.6 |
| 134 | 26.1 | 12.7 | 38.1 |

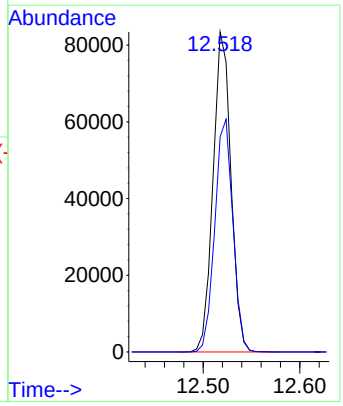


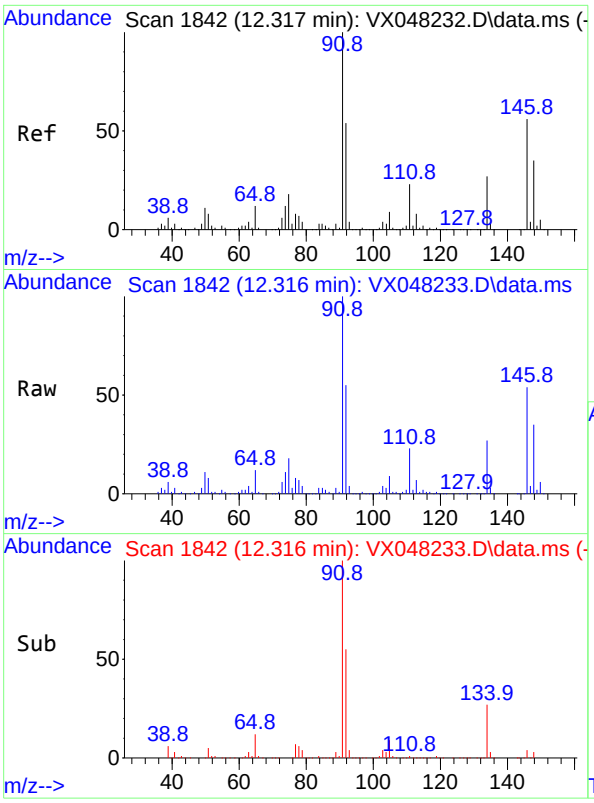




#90
Hexachloroethane
Concen: 104.121 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 107057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 73.5 | 34.1 | 102.2 |



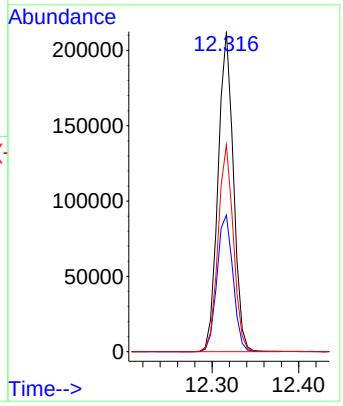


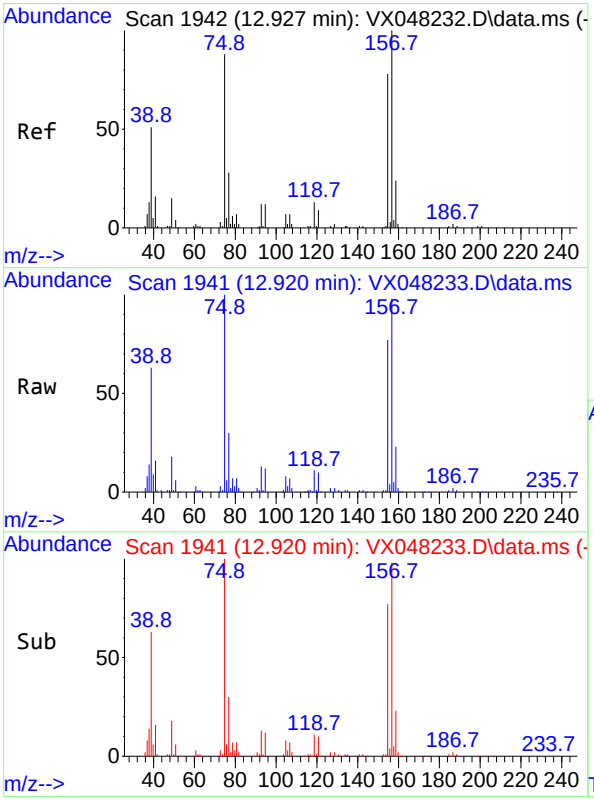

#91
1,2-Dichlorobenzene
Concen: 99.880 ug/l
RT: 12.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:146 Resp: 261022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.7 | 21.9 | 65.5 |
| 148 | 64.5 | 31.9 | 95.5 |

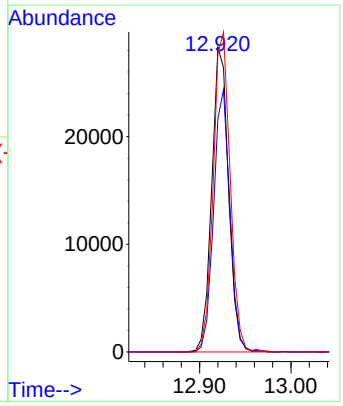


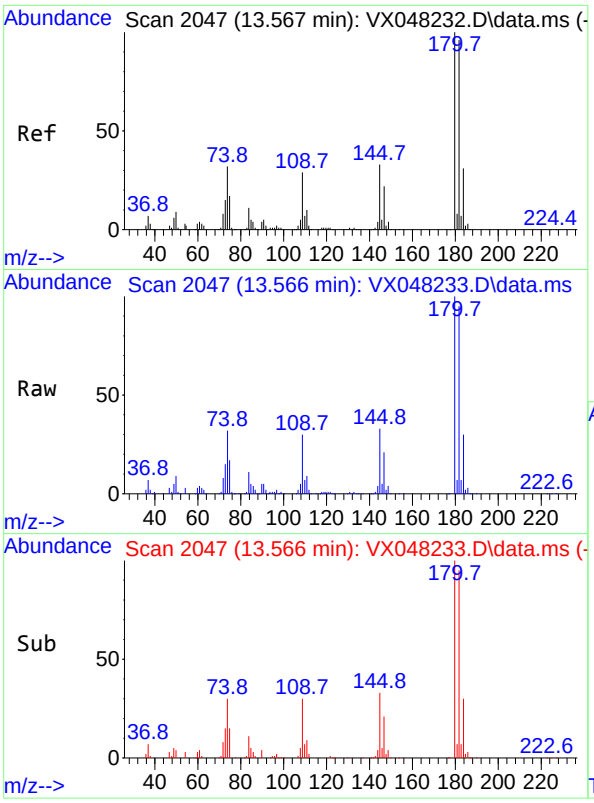




#92
1,2-Dibromo-3-Chloropropane
Concen: 110.555 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 36087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.6 | 42.8 | 128.4 |
| 157 | 105.4 | 54.2 | 162.6 |



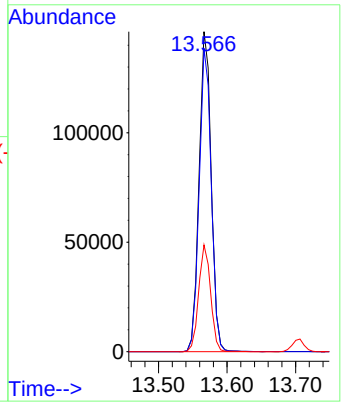


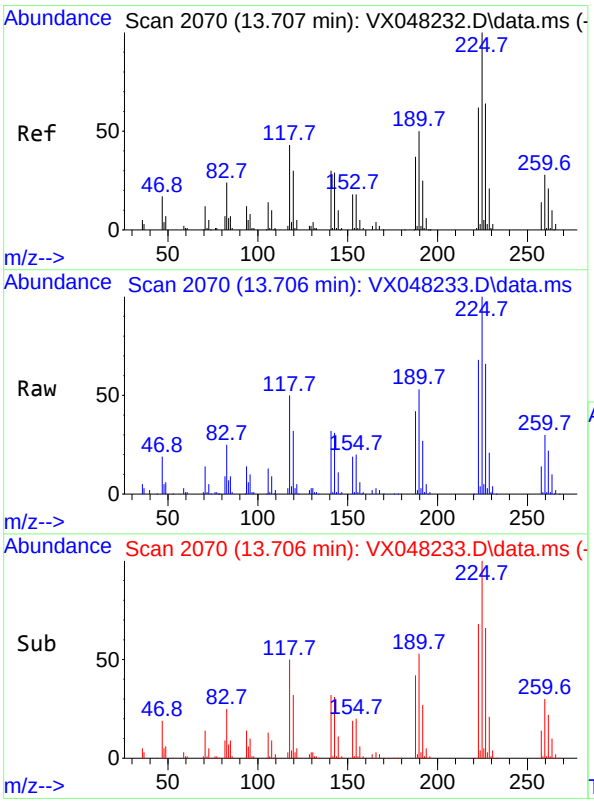

#93
1,2,4-Trichlorobenzene
Concen: 101.602 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:180 Resp: 179562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.4 | 47.3 | 142.0 |
| 145 | 33.0 | 16.3 | 48.9 |

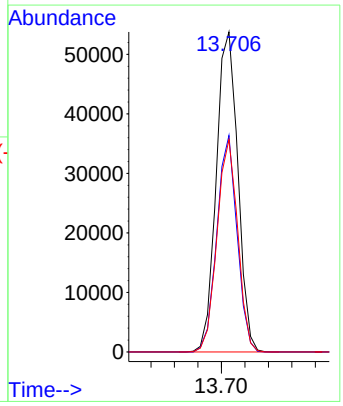


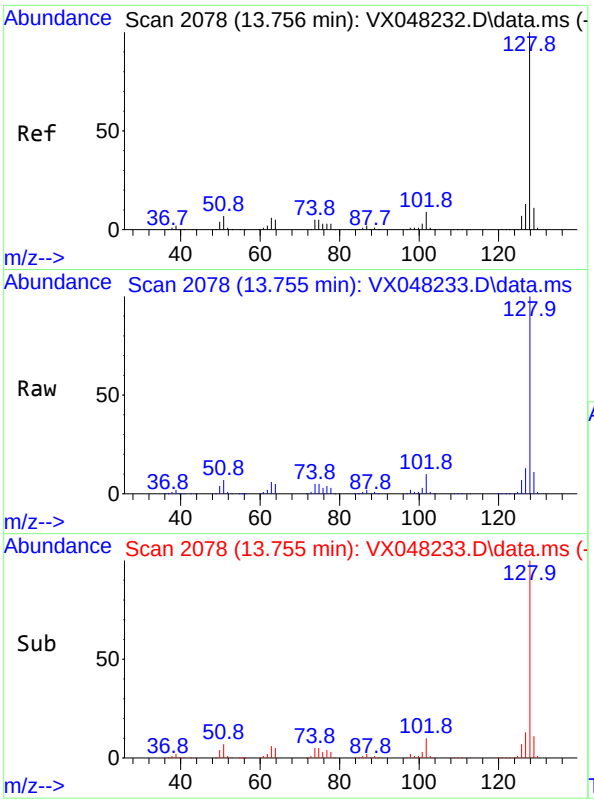




#94
Hexachlorobutadiene
Concen: 103.582 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:225 Resp: 68645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 32.6 | 97.7 |
| 227 | 63.5 | 32.5 | 97.4 |



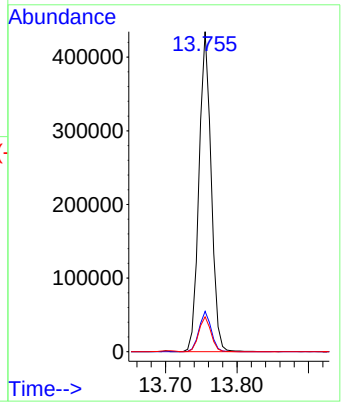


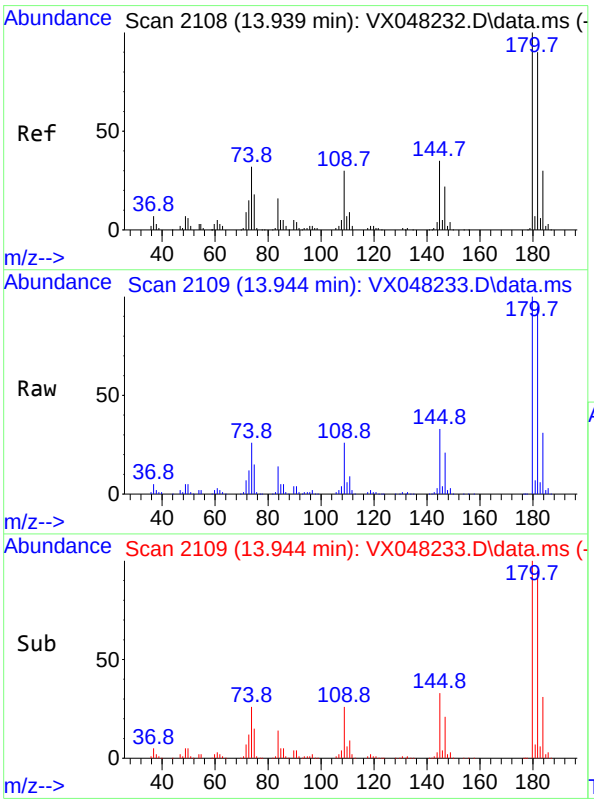

#95
Naphthalene
Concen: 109.211 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

Tgt Ion:128 Resp: 511355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 10.2 | 15.4 |
| 129 | 10.9 | 8.6 | 12.8 |

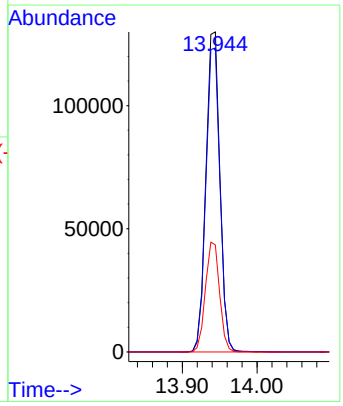



#96
1,2,3-Trichlorobenzene
Concen: 104.362 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:180 Resp: 169248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 46.6 | 139.7 |
| 145 | 34.6 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 112063 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.751 | 114 | 180904 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 155759 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 75397 | 50.000 | ug/l | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.946 | 65 | 234807 | 149.444 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 298.880%# | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 188821 | 152.889 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 305.780%# | | | |
| 50) Toluene-d8 | 8.635 | 98 | 648652 | 149.843 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 299.680%# | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 239298 | 145.308 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 290.620%# | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 169514 | 147.144 | ug/l | 95 |
| 3) Chloromethane | 1.301 | 50 | 158322 | 147.234 | ug/l | 99 |
| 4) Vinyl Chloride | 1.380 | 62 | 149708 | 150.348 | ug/l | 99 |
| 5) Bromomethane | 1.605 | 94 | 92946 | 137.542 | ug/l | 97 |
| 6) Chloroethane | 1.685 | 64 | 89813 | 153.495 | ug/l | 96 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 292007 | 152.907 | ug/l | 99 |
| 8) Diethyl Ether | 2.136 | 74 | 81474 | 151.624 | ug/l | 88 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 184438 | 152.517 | ug/l | 96 |
| 10) Methyl Iodide | 2.453 | 142 | 249395 | 164.048 | ug/l | 100 |
| 11) Tert butyl alcohol | 2.959 | 59 | 107295 | 687.786 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 178408 | 151.641 | ug/l | 95 |
| 13) Acrolein | 2.239 | 56 | 123365 | 775.377 | ug/l | 99 |
| 14) Allyl chloride | 2.666 | 41 | 293697 | 150.358 | ug/l | 98 |
| 15) Acrylonitrile | 3.062 | 53 | 412892 | 734.001 | ug/l | 100 |
| 16) Acetone | 2.380 | 43 | 347029 | 643.823 | ug/l | 99 |
| 17) Carbon Disulfide | 2.514 | 76 | 515144 | 138.930 | ug/l | 100 |
| 18) Methyl Acetate | 2.697 | 43 | 169402 | 150.489 | ug/l | 93 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 593033 | 147.754 | ug/l | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 190483 | 145.034 | ug/l | 94 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 187495 | 145.082 | ug/l | 98 |
| 22) Diisopropyl ether | 3.757 | 45 | 571951 | 146.807 | ug/l | 93 |
| 23) Vinyl Acetate | 3.715 | 43 | 2367511 | 760.744 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 342500 | 145.389 | ug/l | 99 |
| 25) 2-Butanone | 4.544 | 43 | 487152 | 714.037 | ug/l | 96 |
| 26) 2,2-Dichloropropane | 4.465 | 77 | 310572 | 146.061 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 222359 | 147.429 | ug/l | 98 |
| 28) Bromochloromethane | 4.891 | 49 | 151812 | 155.420 | ug/l | 87 |
| 29) Tetrahydrofuran | 4.989 | 42 | 301745 | 738.481 | ug/l | 94 |
| 30) Chloroform | 5.080 | 83 | 358626 | 142.490 | ug/l | 98 |
| 31) Cyclohexane | 5.464 | 56 | 291302 | 149.360 | ug/l | 91 |
| 32) 1,1,1-Trichloroethane | 5.373 | 97 | 338462 | 145.916 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 249688 | 142.243 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 208614 | 143.380 | ug/l | 97 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 307892 | 142.169 | ug/l | 100 |
| 39) Methylcyclohexane | 7.367 | 83 | 315911 | 152.387 | ug/l | 95 |
| 40) Benzene | 6.025 | 78 | 730908 | 143.416 | ug/l | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.910 | 41 | 115351 | 150.966 ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 269245 | 143.169 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.324 | 43 | 361084 | 151.084 ug/l | | 96 |
| 44) Trichloroethene | 7.110 | 130 | 197244 | 146.572 ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 180619 | 149.063 ug/l | | 99 |
| 46) Dibromomethane | 7.568 | 93 | 135105 | 143.118 ug/l | | 94 |
| 47) Bromodichloromethane | 7.805 | 83 | 292063 | 143.290 ug/l | | 97 |
| 48) Methyl methacrylate | 7.677 | 41 | 184354 | 152.865 ug/l | | 95 |
| 49) 1,4-Dioxane | 7.647 | 88 | 49895 | 3131.591 ug/l | | 88 |
| 51) 4-Methyl-2-Pentanone | 8.561 | 43 | 983125 | 713.457 ug/l | | 94 |
| 52) Toluene | 8.702 | 92 | 460742 | 142.307 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 300251 | 152.861 ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 317375 | 149.763 ug/l | | 94 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 169894 | 141.104 ug/l | | 98 |
| 56) Ethyl methacrylate | 9.104 | 69 | 272177 | 154.550 ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 293650 | 142.782 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.232 | 63 | 705780 | 741.966 ug/l | | 95 |
| 59) 2-Hexanone | 9.415 | 43 | 694736 | 723.047 ug/l | | 96 |
| 60) Dibromochloromethane | 9.506 | 129 | 226642 | 140.050 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 182208 | 141.953 ug/l | | 99 |
| 64) Tetrachloroethene | 9.263 | 164 | 168581 | 144.982 ug/l | | 91 |
| 65) Chlorobenzene | 10.061 | 112 | 514967 | 146.973 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 191186 | 148.558 ug/l | | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 898137 | 150.554 ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 661019 | 298.230 ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 320334 | 149.698 ug/l | | 99 |
| 70) Styrene | 10.640 | 104 | 548149 | 150.439 ug/l | | 98 |
| 71) Bromoform | 10.781 | 173 | 152209 | 147.980 ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 849183 | 154.201 ug/l | | 100 |
| 74) N-amyl acetate | 10.829 | 43 | 314879 | 161.195 ug/l | | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 224486 | 149.271 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 268288 | 219.425 ug/l | | 78 |
| 77) Bromobenzene | 11.183 | 156 | 207212 | 150.063 ug/l | | 94 |
| 78) n-propylbenzene | 11.287 | 91 | 991960 | 155.573 ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 585792 | 151.532 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 699885 | 153.574 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 83158 | 165.469 ug/l | | 97 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 691903 | 150.773 ug/l | | 99 |
| 83) tert-Butylbenzene | 11.695 | 119 | 717642 | 153.261 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 707074 | 155.464 ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 861466 | 152.918 ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 738496 | 151.662 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 386062 | 148.308 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 386885 | 143.466 ug/l | | 100 |
| 89) n-Butylbenzene | 12.311 | 91 | 664071 | 149.834 ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 145813 | 151.639 ug/l | | 94 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 359278 | 147.003 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 50367 | 164.993 ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 247472 | 149.729 ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 92458 | 149.152 ug/l | | 100 |
| 95) Naphthalene | 13.756 | 128 | 719433 | 164.296 ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 233671 | 154.069 ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

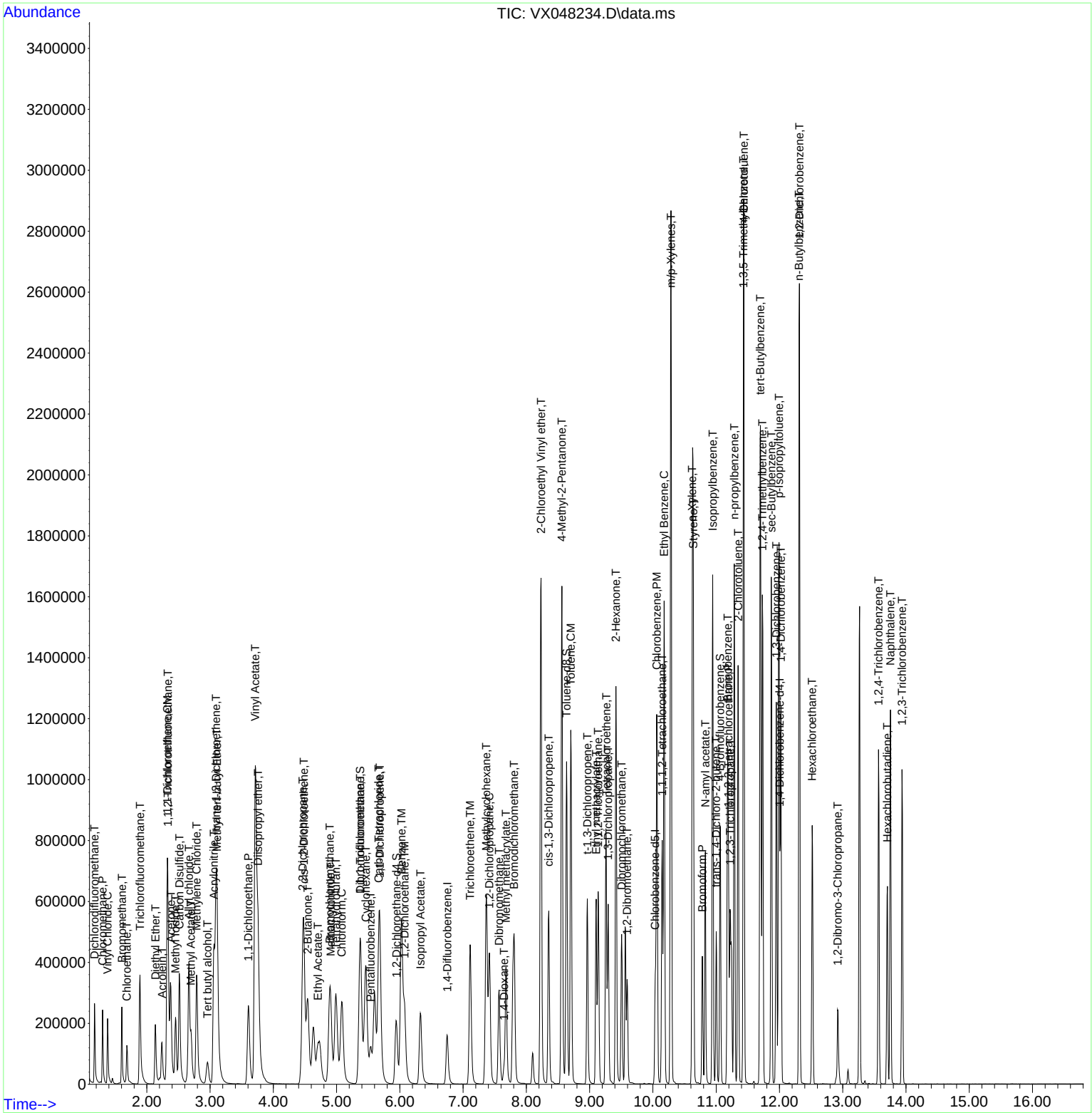
(#) = qualifier out of range (m) = manual integration (+) = signals summed

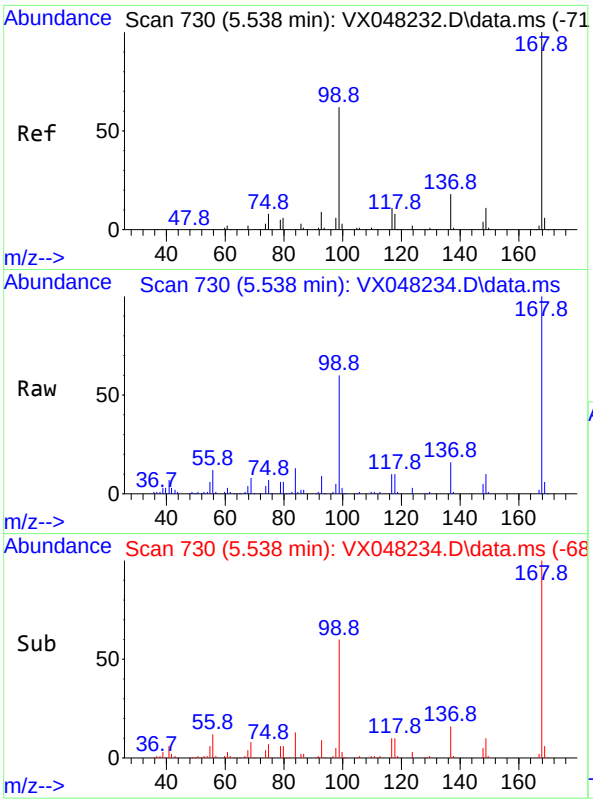
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



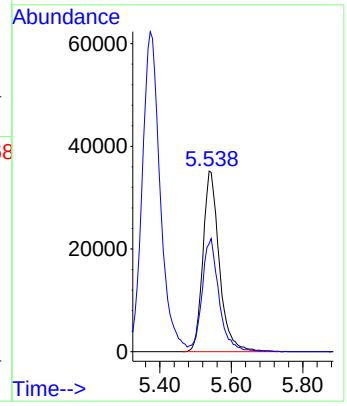


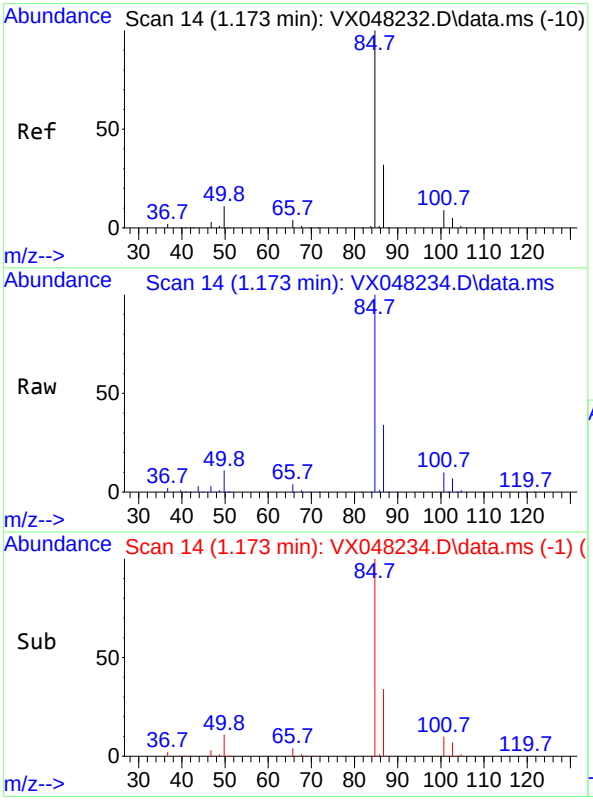

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:168 Resp: 112063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.8 | 46.4 | 69.6 |

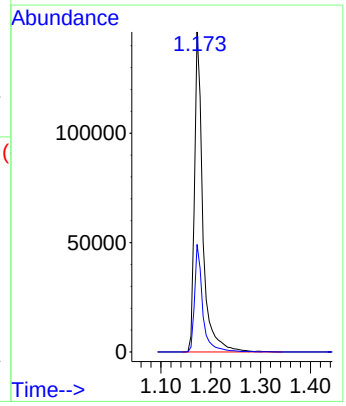


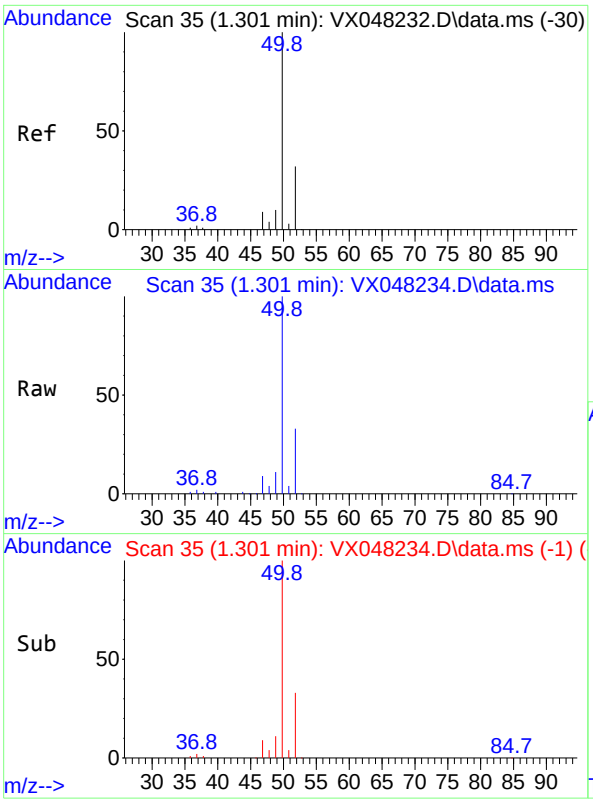




#2
Dichlorodifluoromethane
Concen: 147.144 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 85 Resp: 169514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.6 | 15.3 | 45.9 |



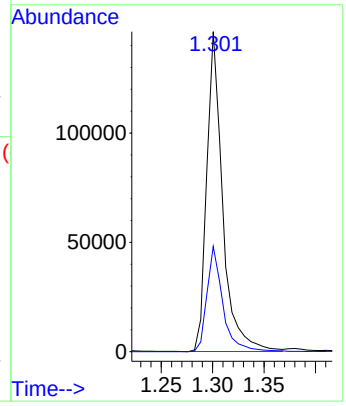


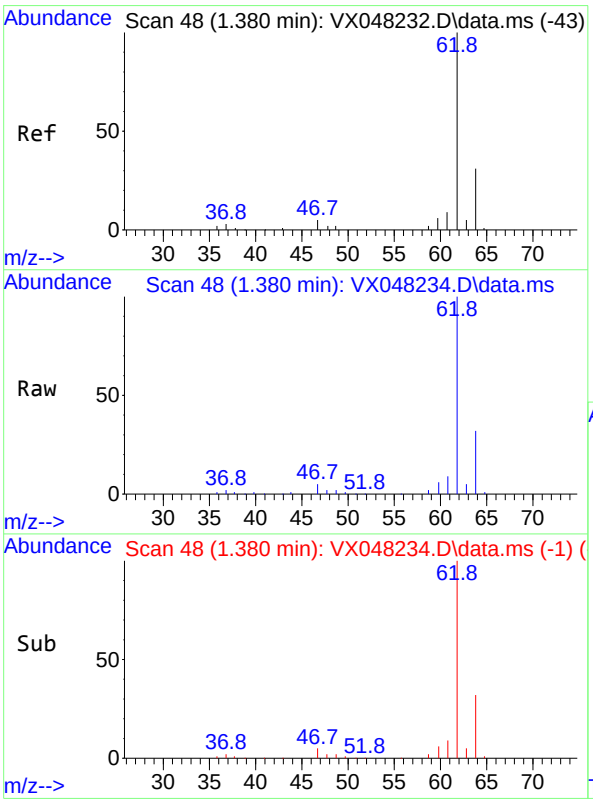

#3
Chloromethane
Concen: 147.234 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 50 Resp: 158322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 25.9 | 38.9 |

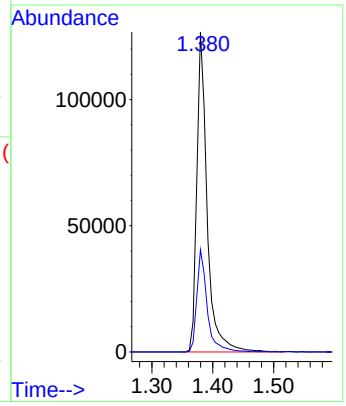


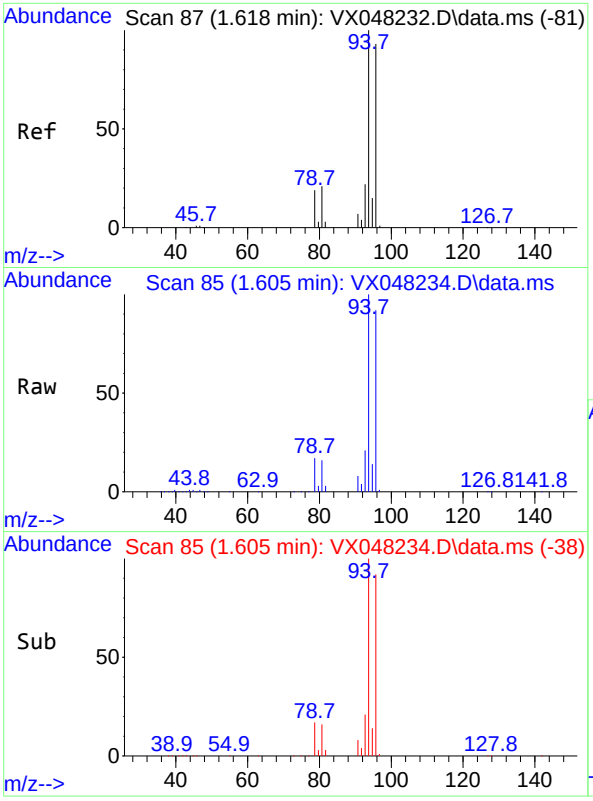




#4
Vinyl Chloride
Concen: 150.348 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 149708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.0 | 25.1 | 37.7 |



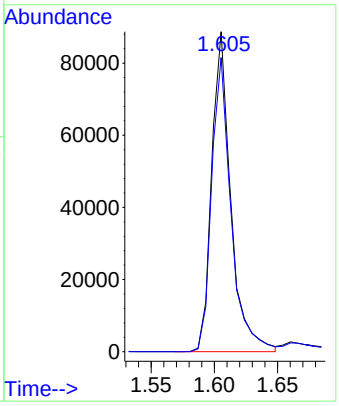


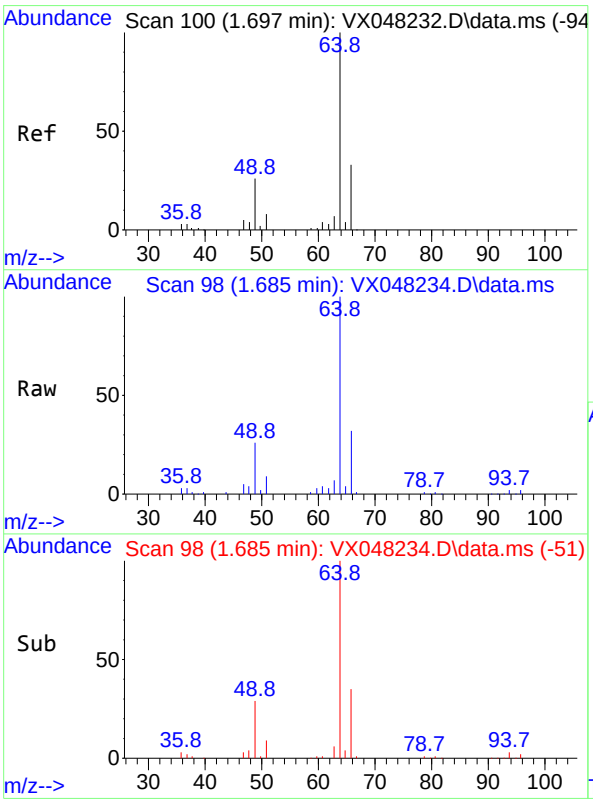

#5
Bromomethane
Concen: 137.542 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 94 Resp: 92946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.9 | 76.0 | 114.0 |

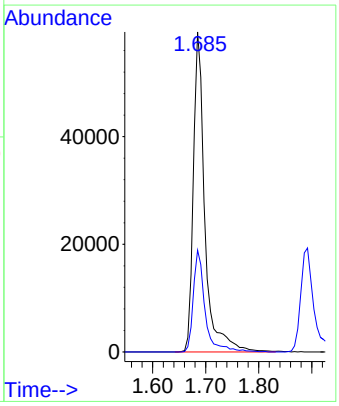


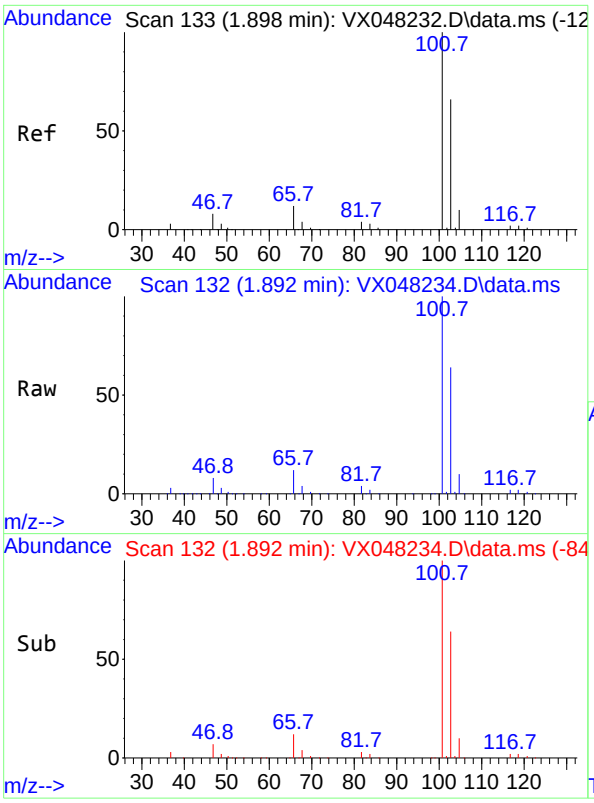




#6
Chloroethane
Concen: 153.495 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 64 Resp: 89813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.8 | 23.9 | 35.9 |



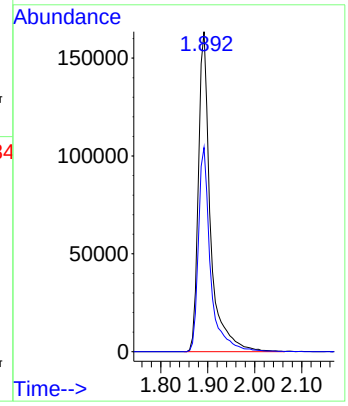


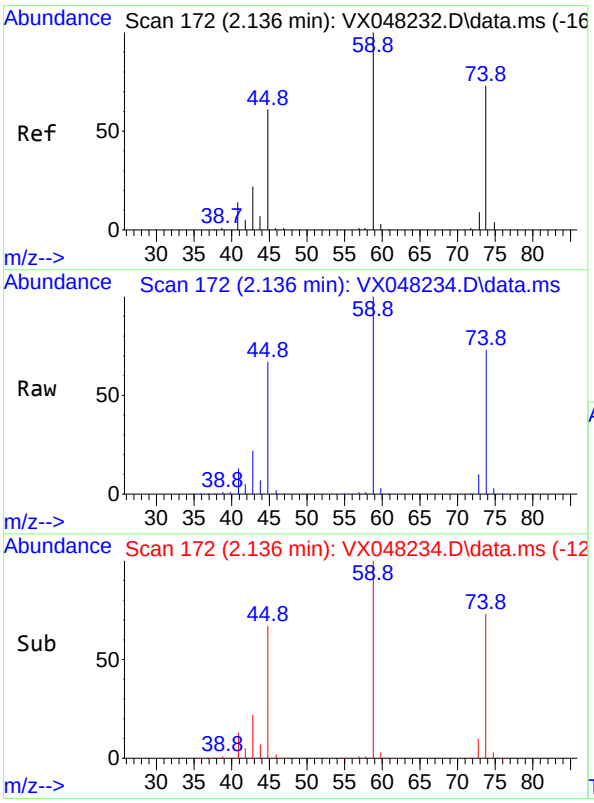

#7
Trichlorofluoromethane
Concen: 152.907 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:101 Resp: 292007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.8 | 51.6 | 77.4 |

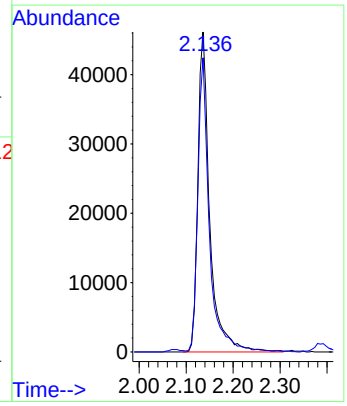


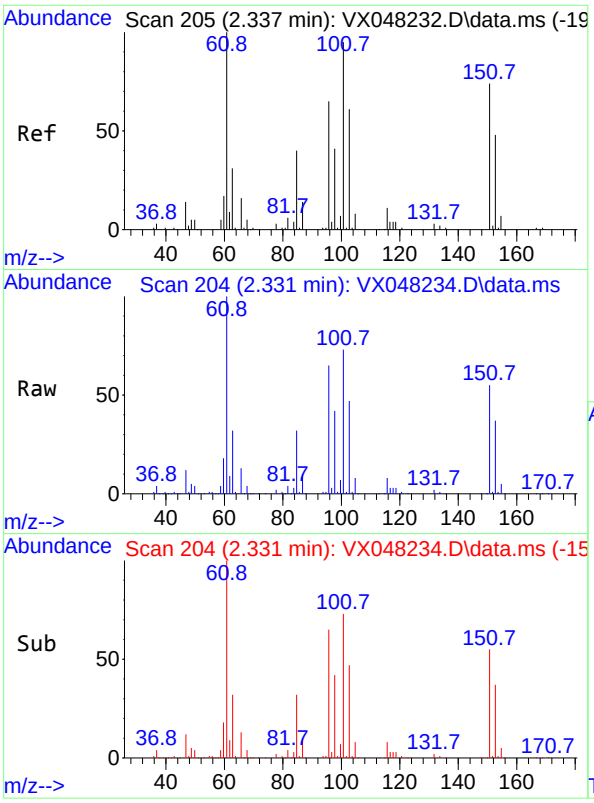




#8
Diethyl Ether
Concen: 151.624 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 74 Resp: 81474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 87.5 | 50.0 | 149.8 |



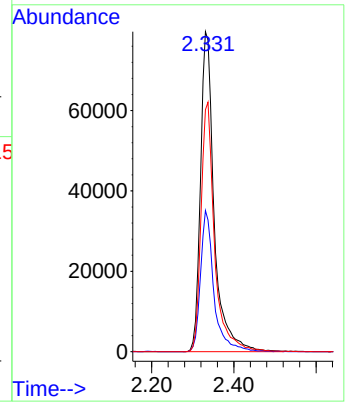


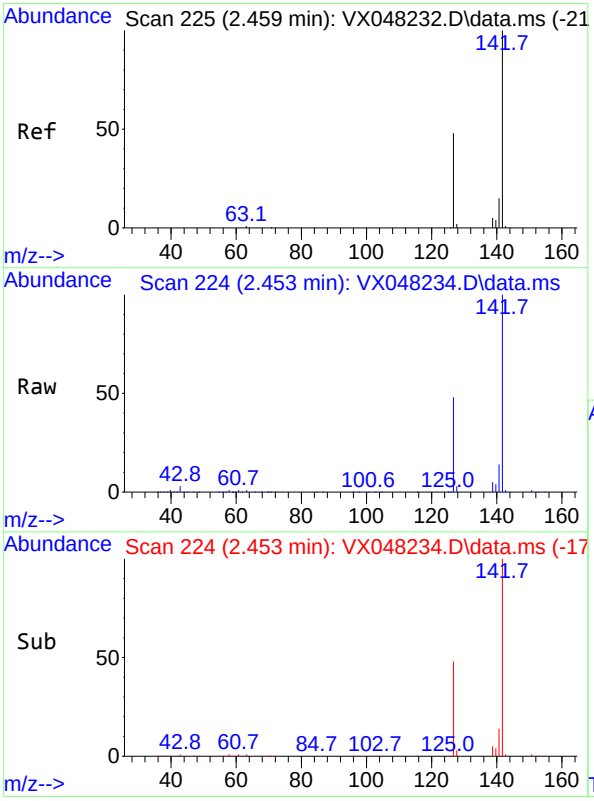

#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.517 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:101 Resp: 184438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.3 | 35.6 | 53.4 |
| 151 | 77.4 | 58.0 | 87.0 |

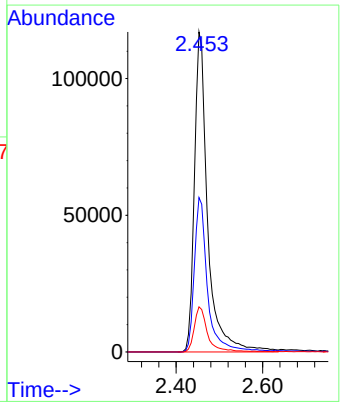


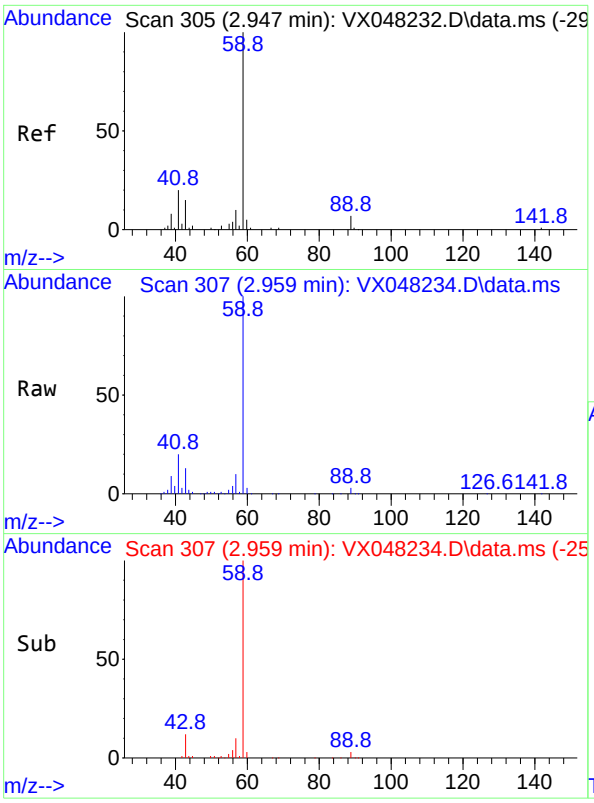




#10
Methyl Iodide
Concen: 164.048 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:142 Resp: 249395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.2 | 38.5 | 57.7 |
| 141 | 14.0 | 11.6 | 17.4 |



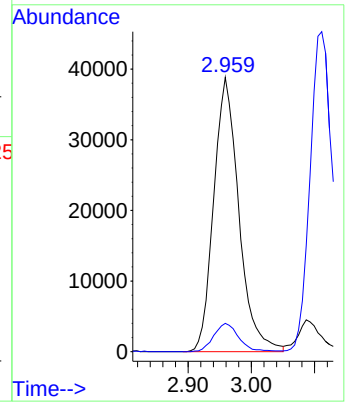


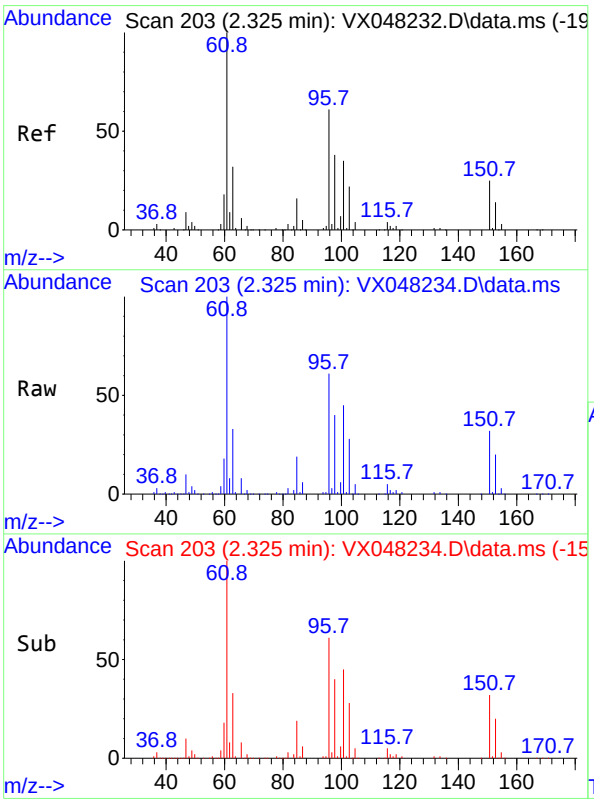

#11
Tert butyl alcohol
Concen: 687.786 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 59 Resp: 107295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 8.2 | 12.4 |

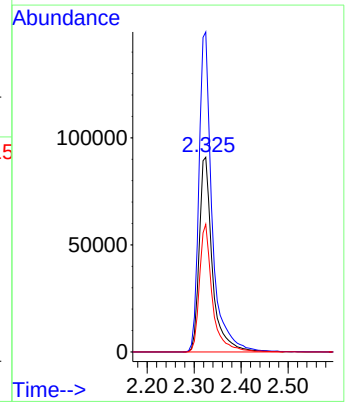


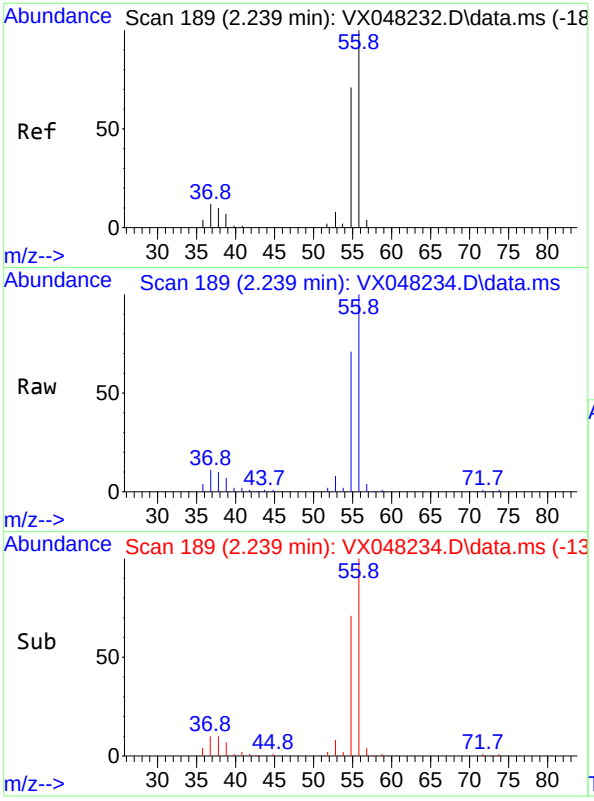




#12
1,1-Dichloroethene
Concen: 151.641 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 96 Resp: 178408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.3 | 139.0 | 208.6 |
| 98 | 65.6 | 52.4 | 78.6 |



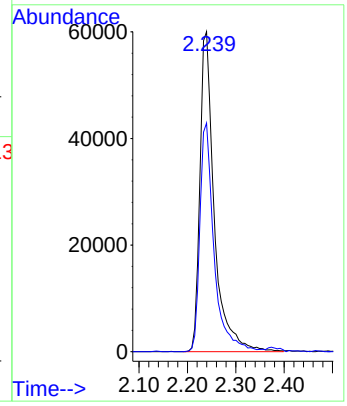


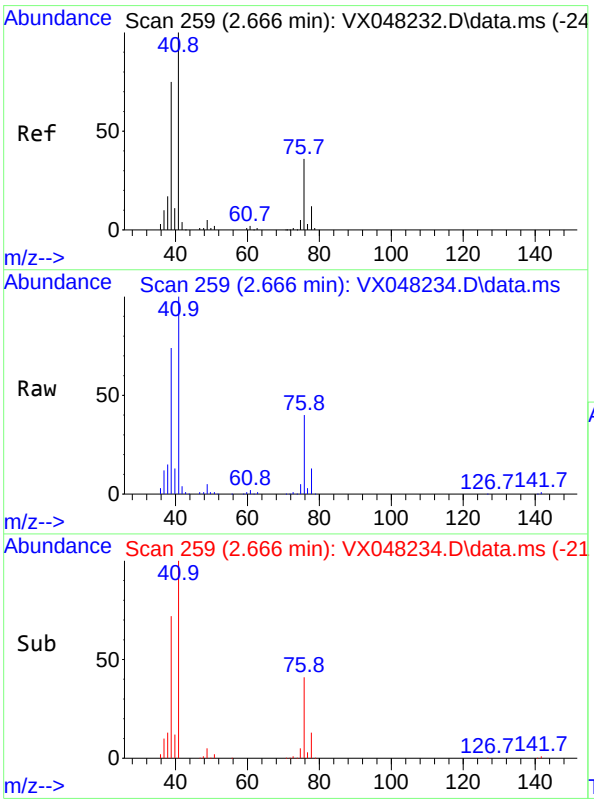

#13
Acrolein
Concen: 775.377 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 56 Resp: 123365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.7 | 56.1 | 84.1 |

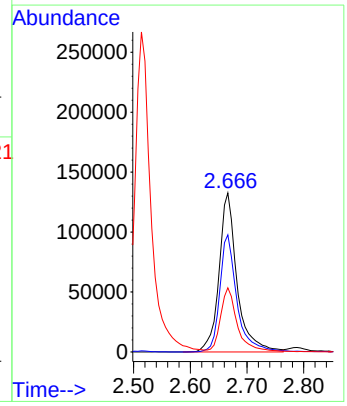


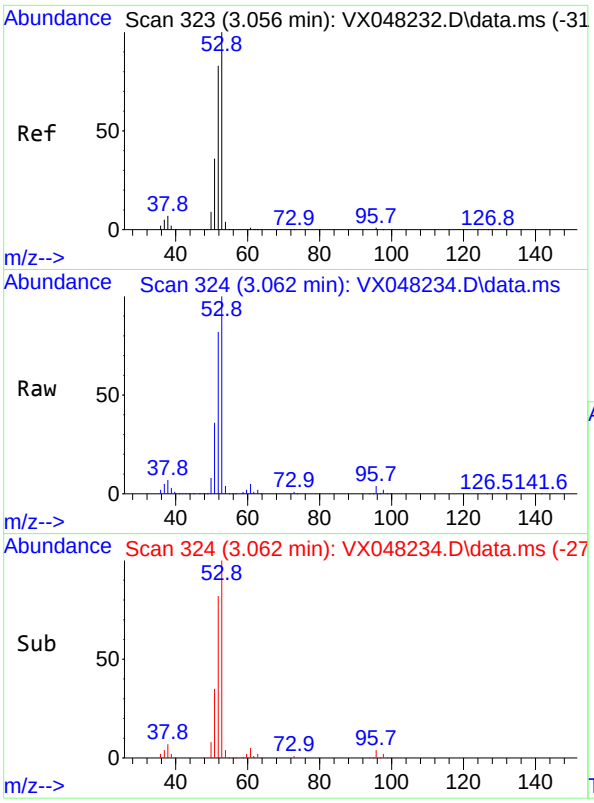




#14
Allyl chloride
Concen: 150.358 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 293697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 70.5 | 56.0 | 84.0 |
| 76 | 37.7 | 27.5 | 41.3 |



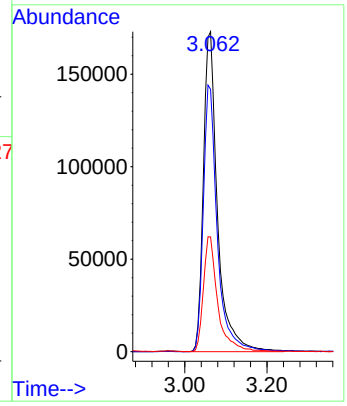


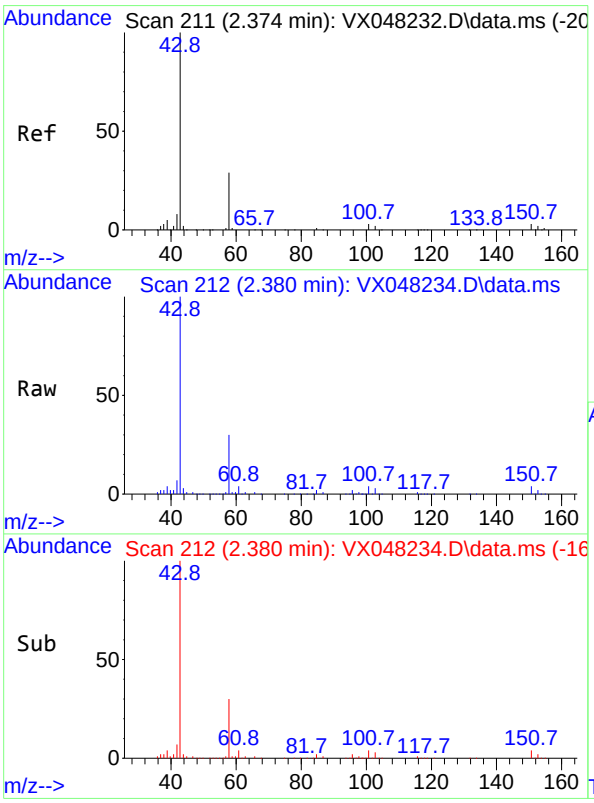

#15
Acrylonitrile
Concen: 734.001 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 53 Resp: 412892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.7 | 66.1 | 99.1 |
| 51 | 36.5 | 29.0 | 43.4 |

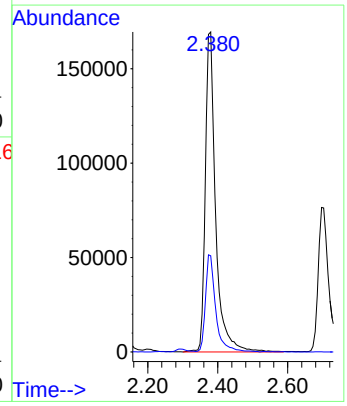


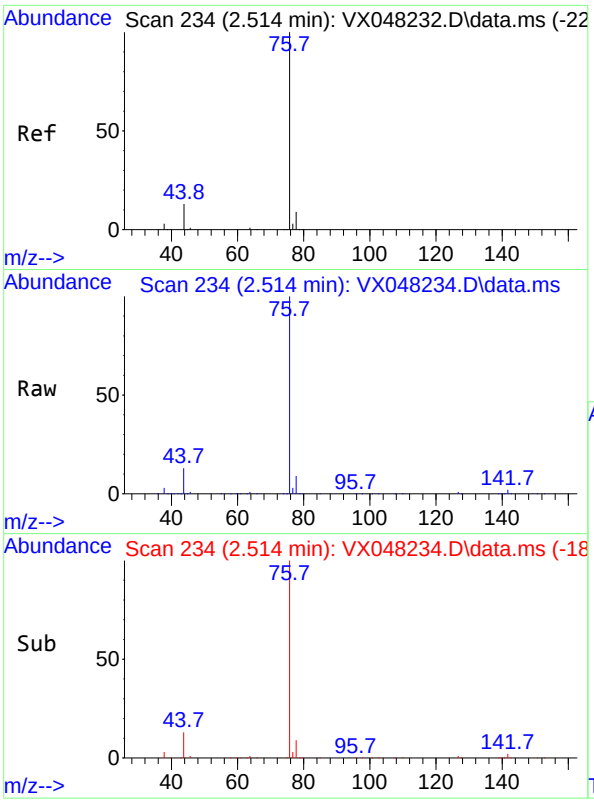




#16
Acetone
Concen: 643.823 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 347029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.0 | 23.4 | 35.2 |



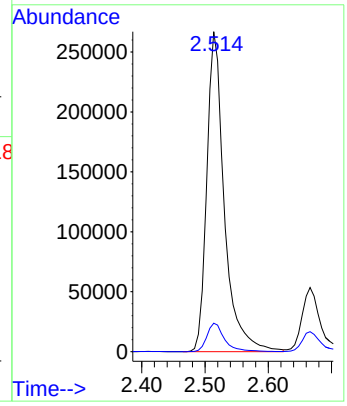


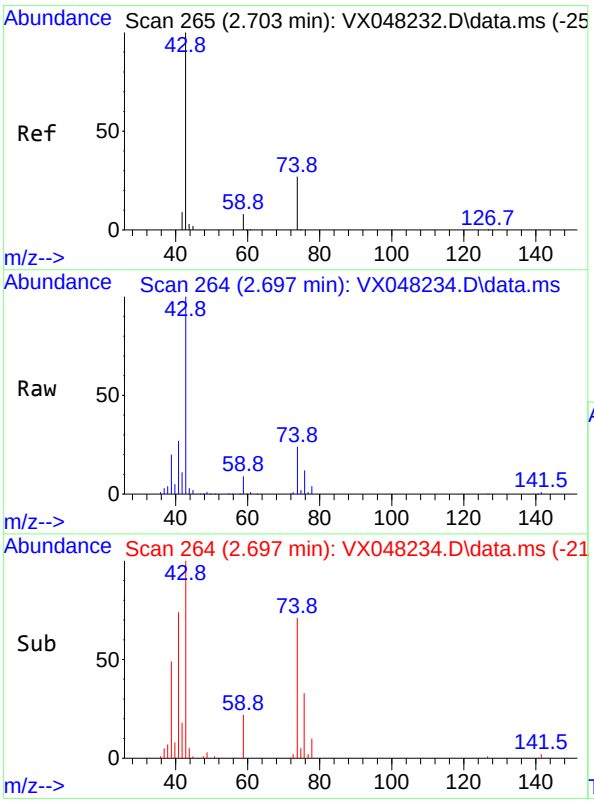

#17
Carbon Disulfide
Concen: 138.930 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 76 Resp: 515144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.1 | 10.7 |

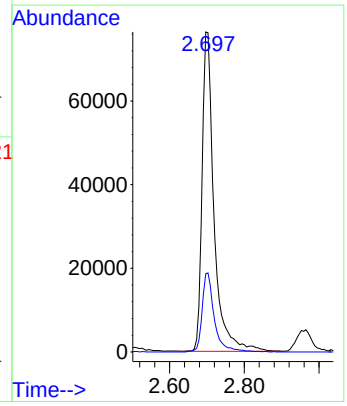


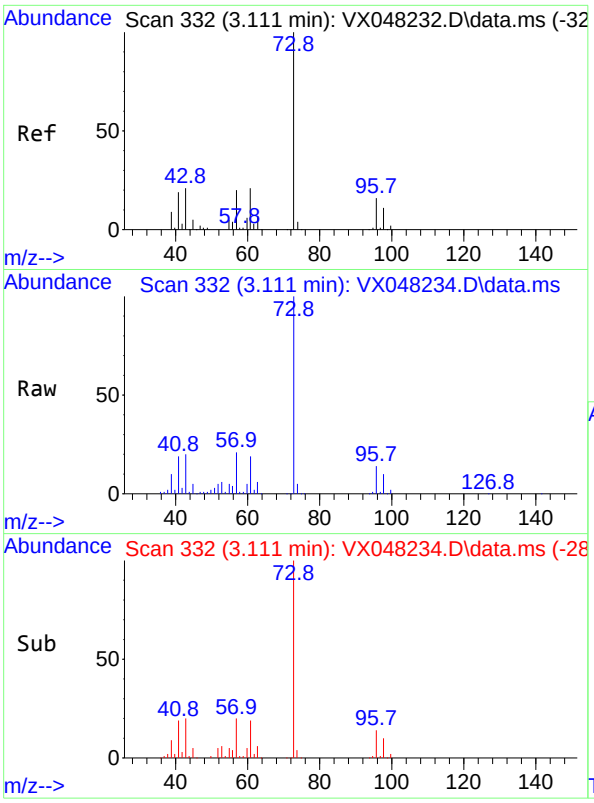




#18
Methyl Acetate
Concen: 150.489 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 169402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.2 | 17.5 | 26.3 |



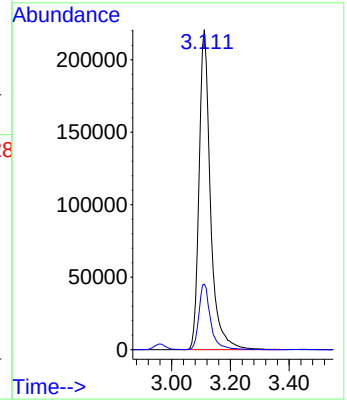


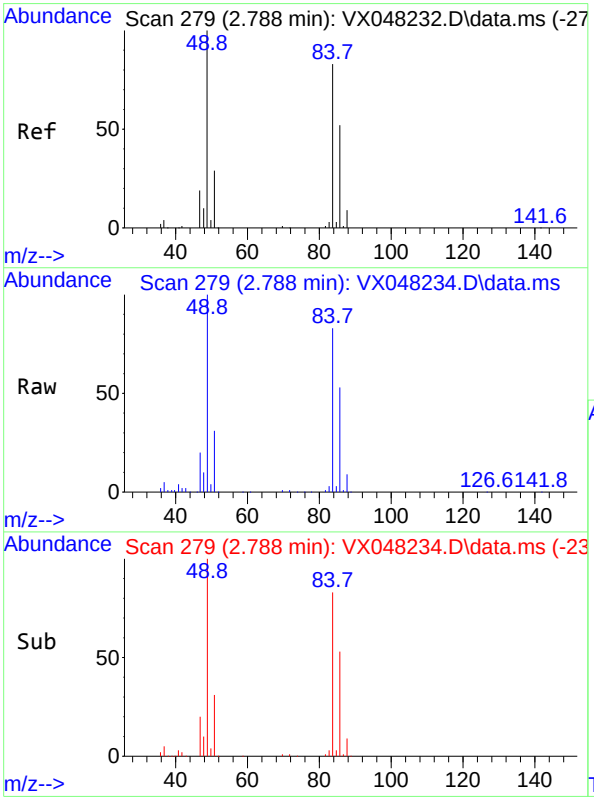

#19
Methyl tert-butyl Ether
Concen: 147.754 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 73 Resp: 593033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.5 | 17.7 | 26.5 |

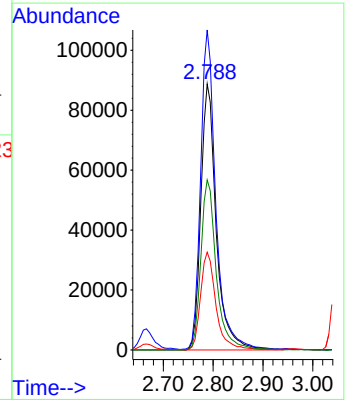


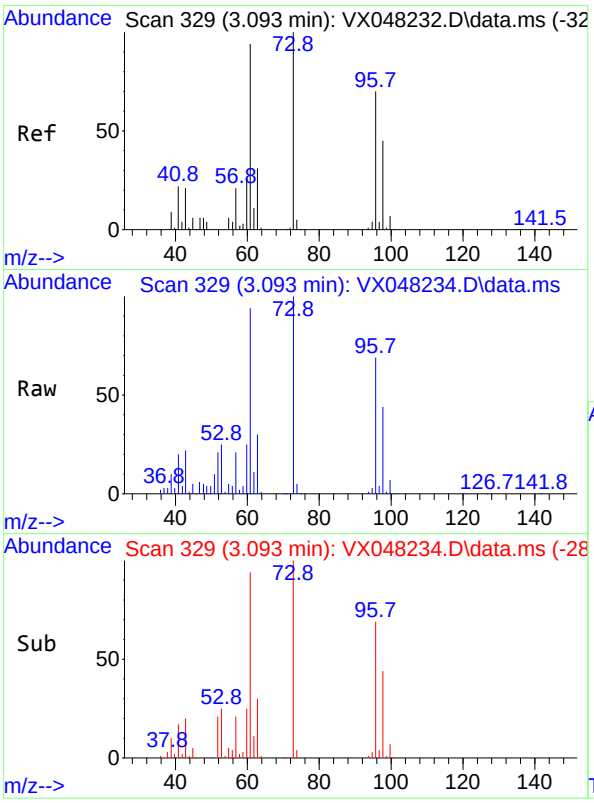




#20
Methylene Chloride
Concen: 145.034 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 84 Resp: 190483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 120.0 | 104.1 | 156.1 |
| 51 | 36.7 | 31.3 | 46.9 |
| 86 | 63.9 | 51.3 | 76.9 |



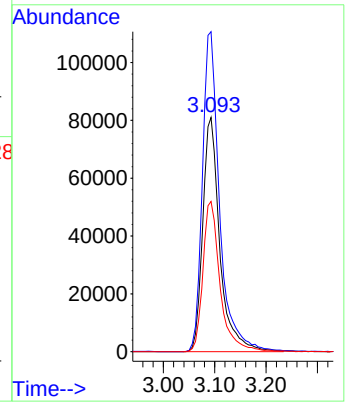


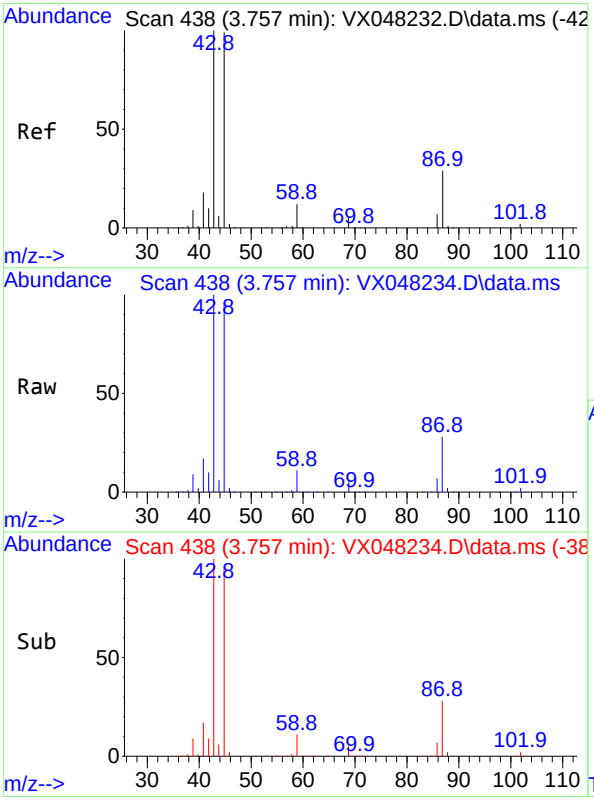

#21
trans-1,2-Dichloroethene
Concen: 145.082 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 96 Resp: 187495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.6 | 111.9 | 167.9 |
| 98 | 64.1 | 51.2 | 76.8 |

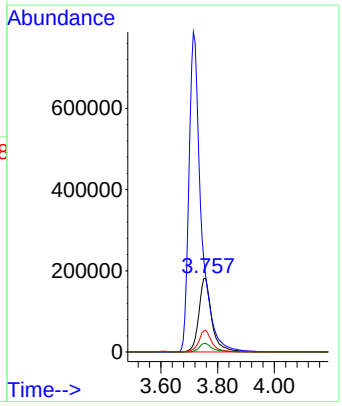


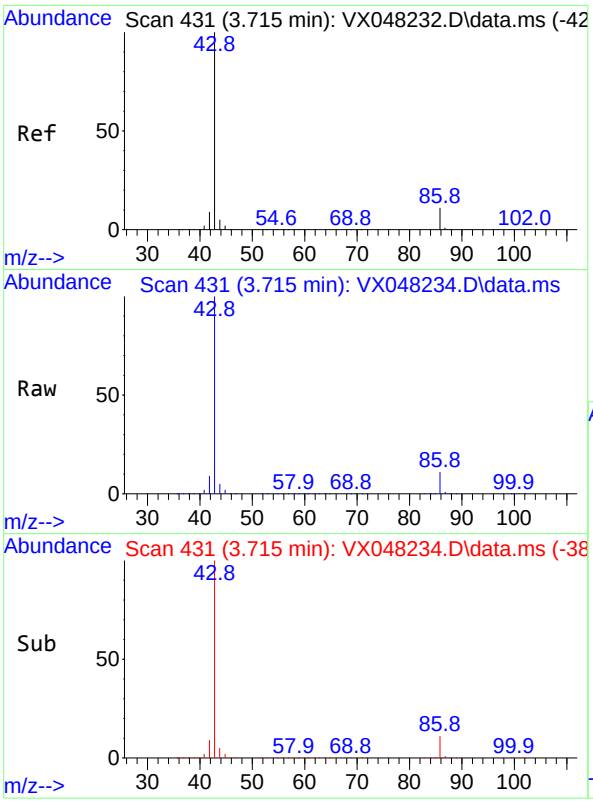




#22
Diisopropyl ether
Concen: 146.807 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 45 Resp: 571951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 104.2 | 89.8 | 134.8 |
| 87 | 29.4 | 20.6 | 31.0 |
| 59 | 11.7 | 9.1 | 13.7 |



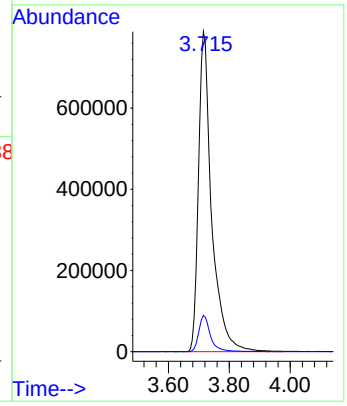


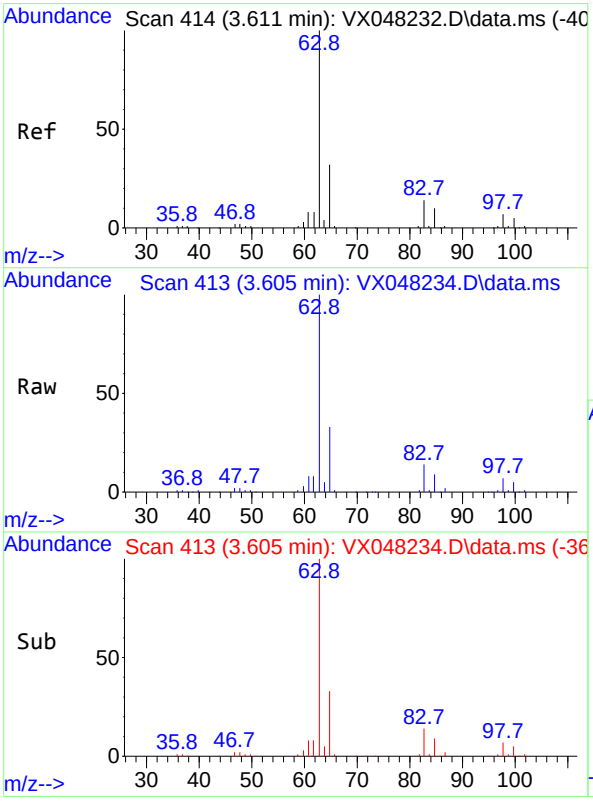

#23
Vinyl Acetate
Concen: 760.744 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 2367511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.3 | 7.9 | 11.9 |

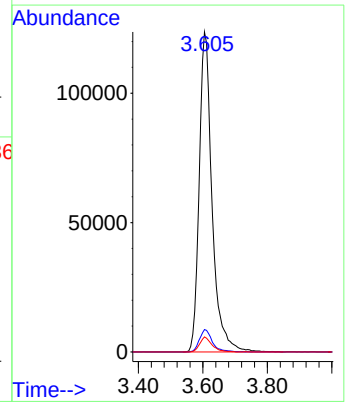


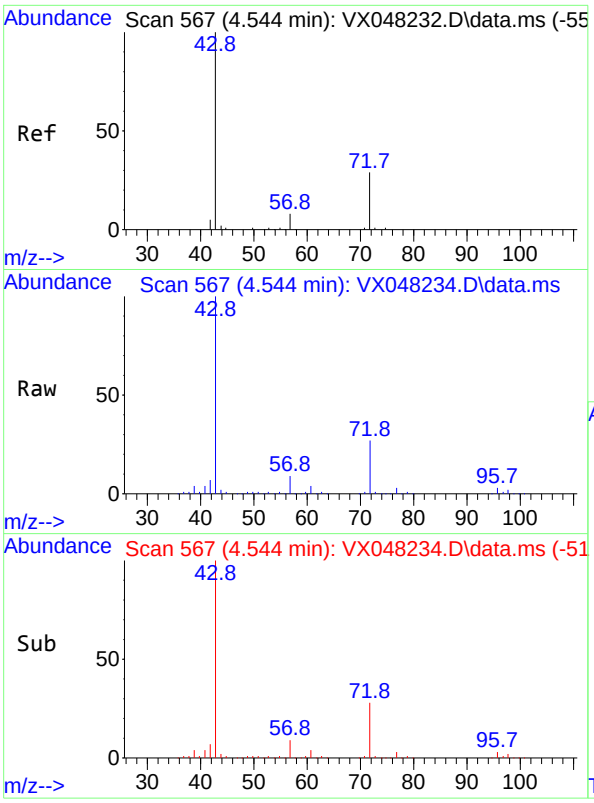




#24
1,1-Dichloroethane
Concen: 145.389 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 342500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 3.5 | 10.6 |
| 100 | 4.7 | 2.1 | 6.3 |



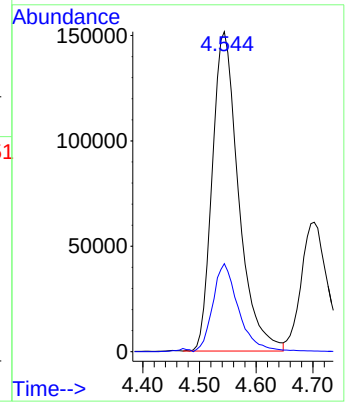


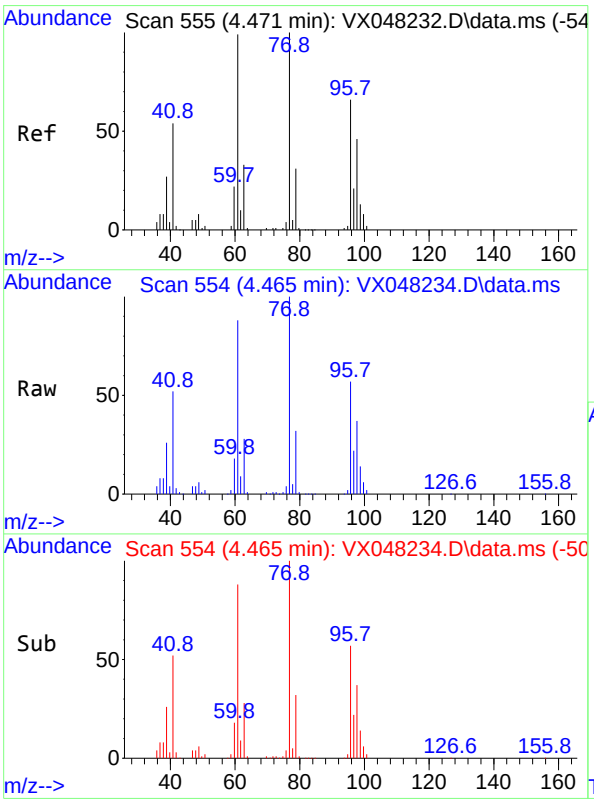

#25
2-Butanone
Concen: 714.037 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 487152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.0 | 19.9 | 29.9 |

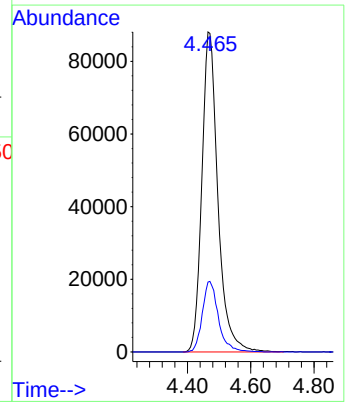


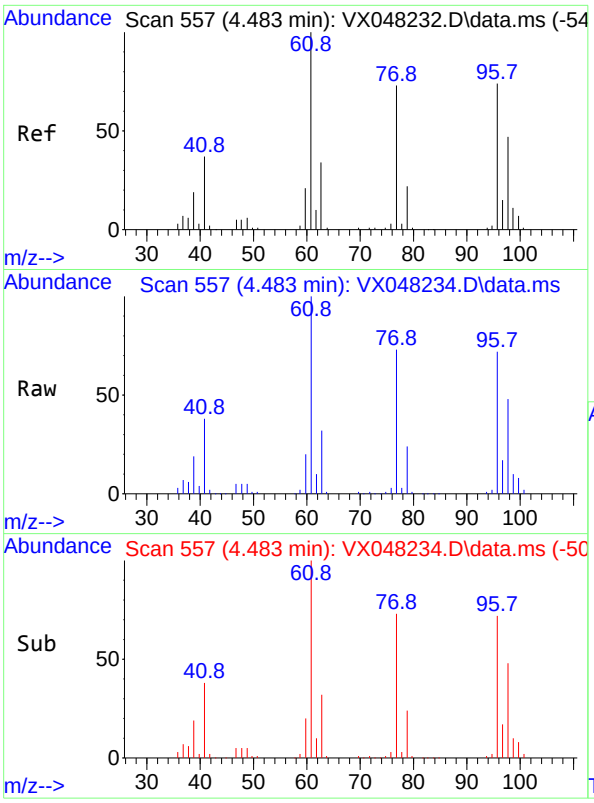




#26
2,2-Dichloropropane
Concen: 146.061 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 77 Resp: 310572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.2 | 11.1 | 33.3 |



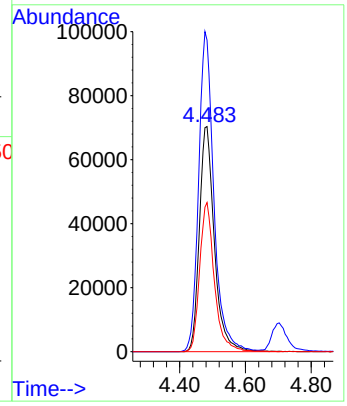


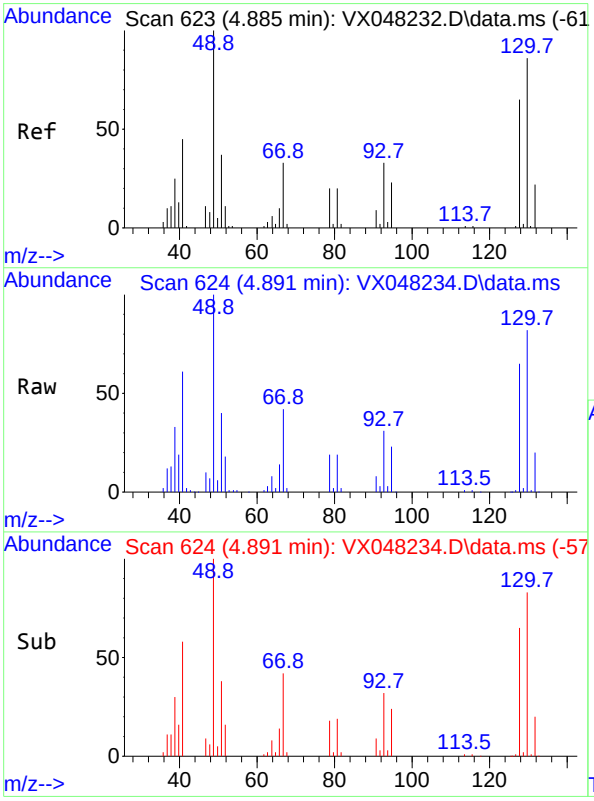

#27
cis-1,2-Dichloroethene
Concen: 147.429 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 96 Resp: 222359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.4 | 0.0 | 294.2 |
| 98 | 65.1 | 0.0 | 128.4 |

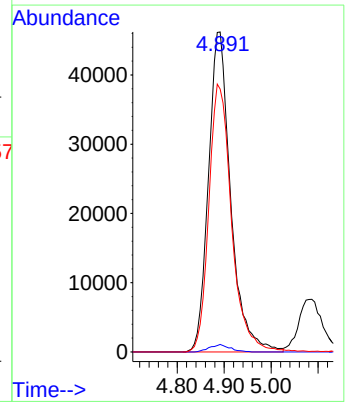


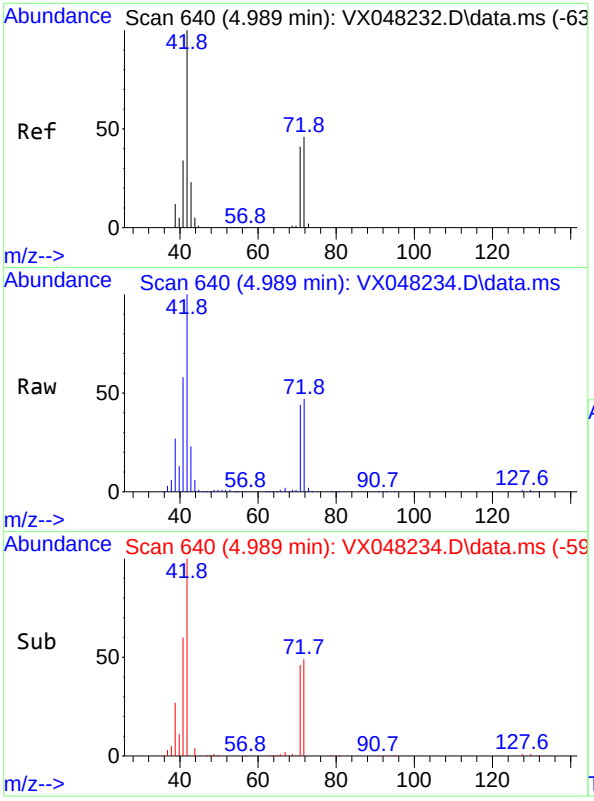




#28
Bromochloromethane
Concen: 155.420 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 49 Resp: 151812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.1 | 0.0 | 4.4 |
| 130 | 85.6 | 59.3 | 88.9 |



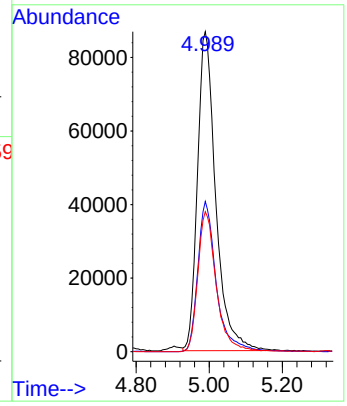


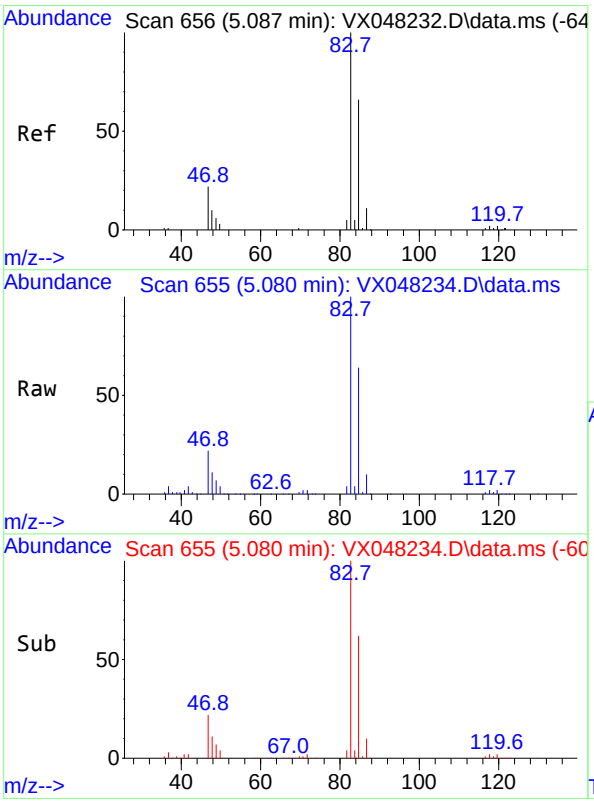

#29
Tetrahydrofuran
Concen: 738.481 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 42 Resp: 301745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 47.8 | 35.3 | 52.9 |
| 71 | 44.1 | 32.2 | 48.4 |

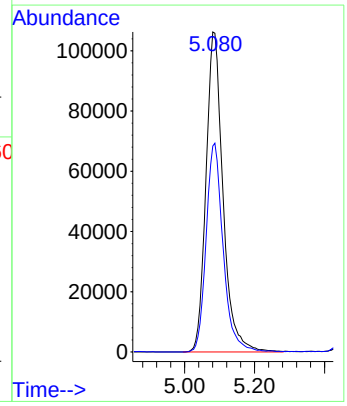


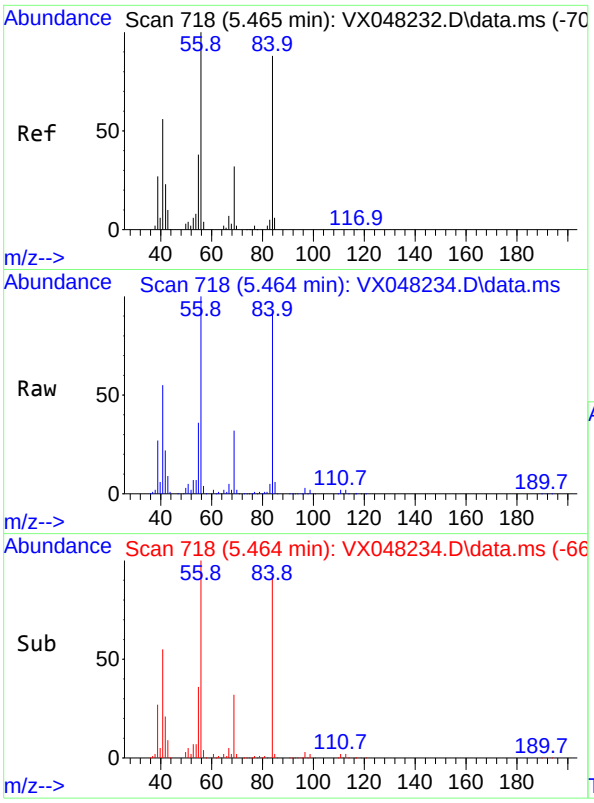




#30
Chloroform
Concen: 142.490 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 358626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 50.1 | 75.1 |



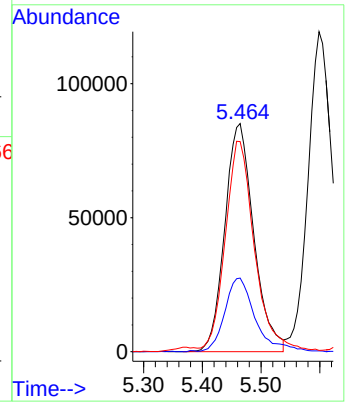


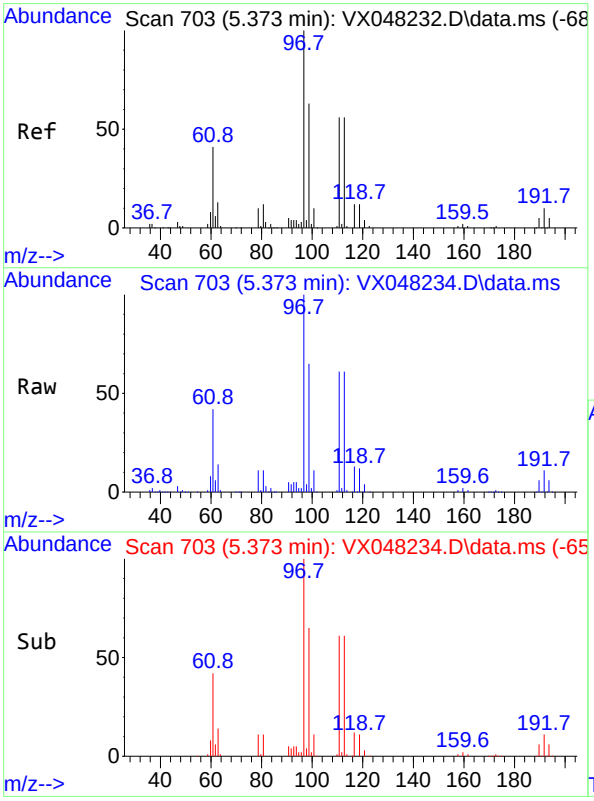

#31
Cyclohexane
Concen: 149.360 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 56 Resp: 291302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.3 | 23.0 | 34.6 |
| 84 | 90.1 | 64.6 | 97.0 |

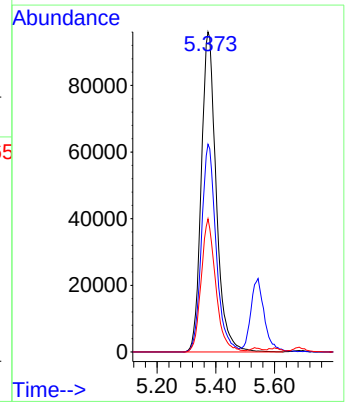


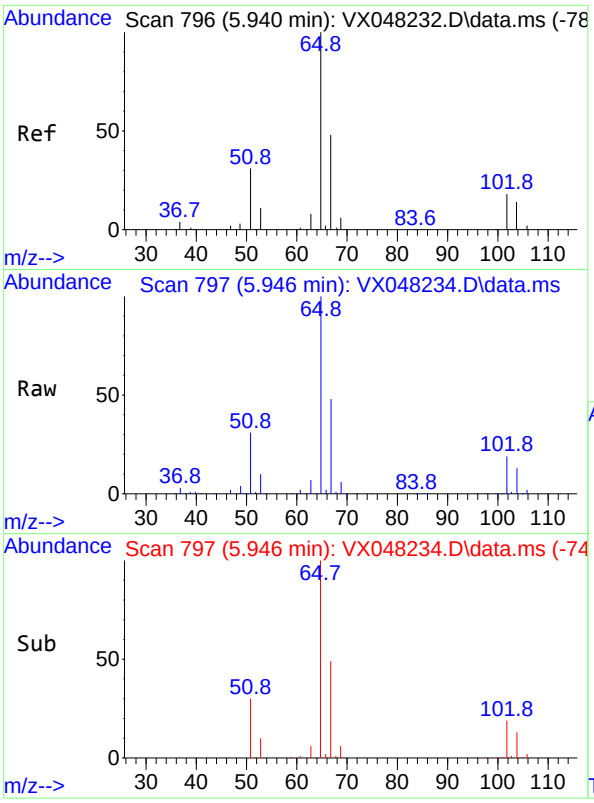




#32
1,1,1-Trichloroethane
Concen: 145.916 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 97 Resp: 338462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.8 | 51.7 | 77.5 |
| 61 | 40.8 | 34.8 | 52.2 |



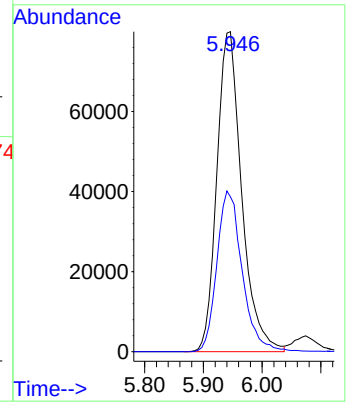


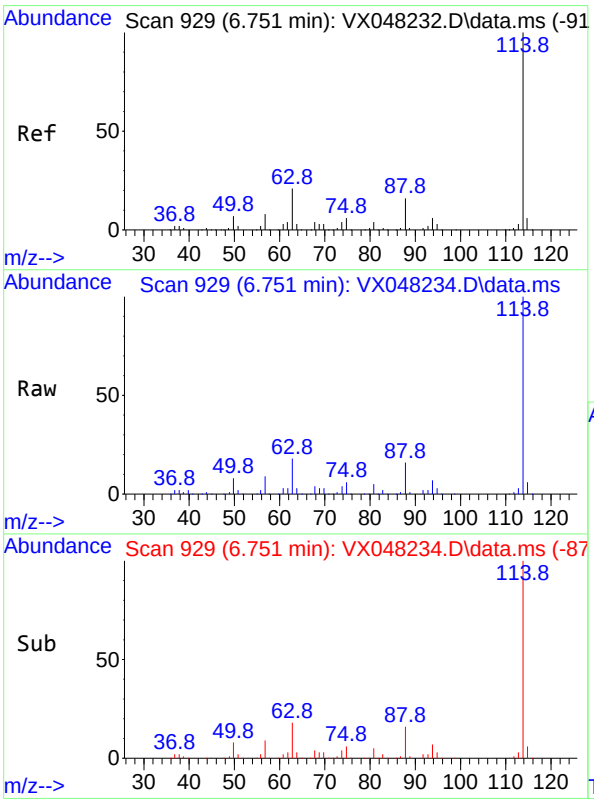

#33
1,2-Dichloroethane-d4
Concen: 149.444 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 65 Resp: 234807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.2 | 0.0 | 105.0 |

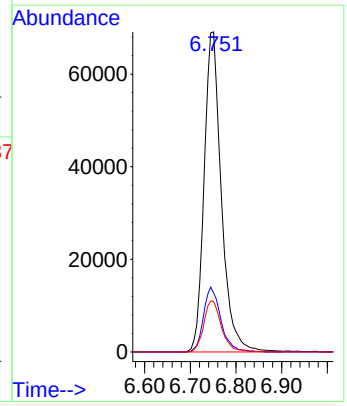


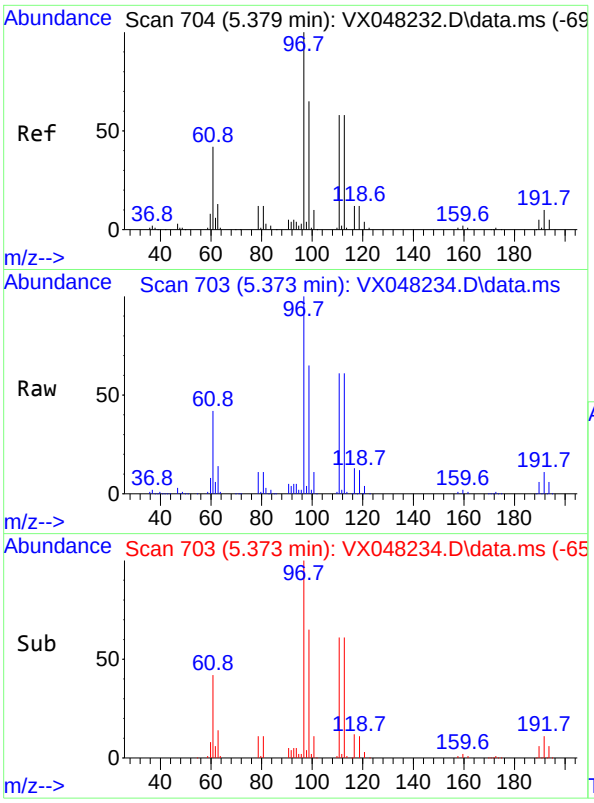




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:114 Resp: 180904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.4 | 0.0 | 43.2 |
| 88 | 15.8 | 0.0 | 33.6 |



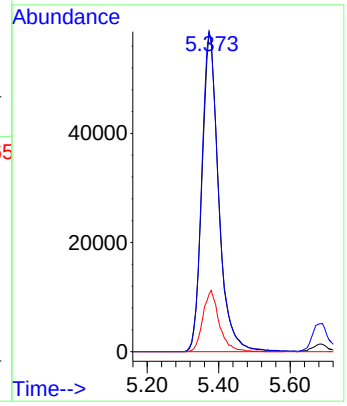


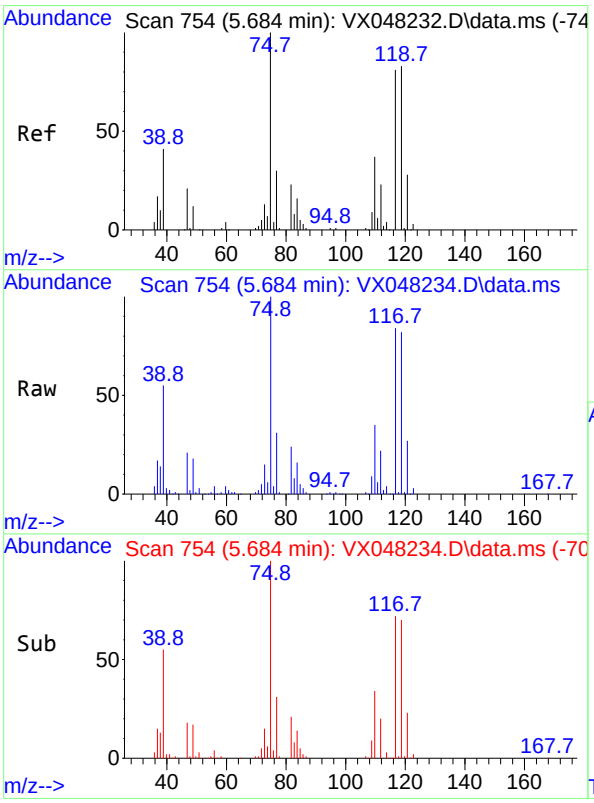

#35
Dibromofluoromethane
Concen: 152.889 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:113 Resp: 188821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.5 | 82.2 | 123.4 |
| 192 | 18.8 | 15.1 | 22.7 |

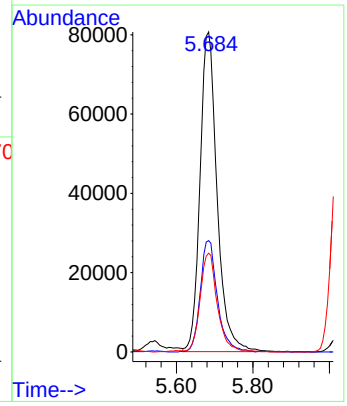


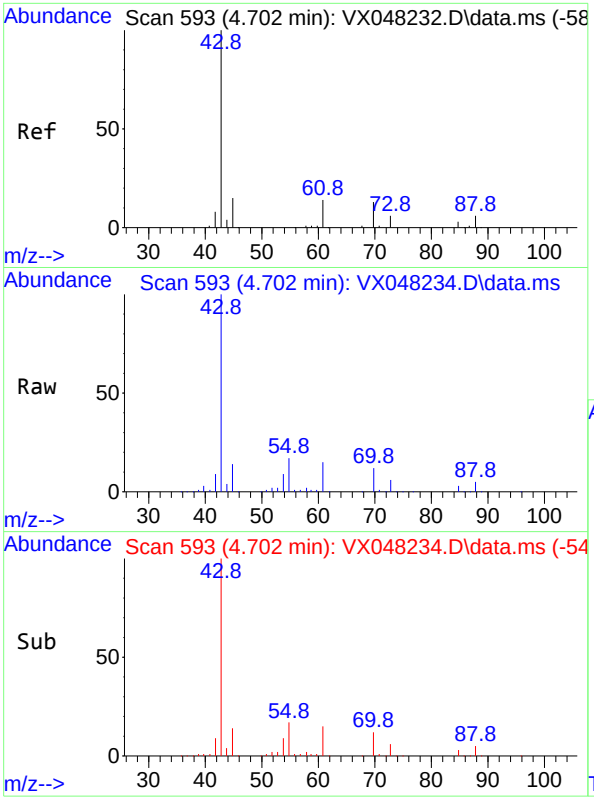




#36
1,1-Dichloropropene
Concen: 142.243 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 249688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.0 | 17.7 | 53.1 |
| 77 | 31.2 | 24.3 | 36.5 |



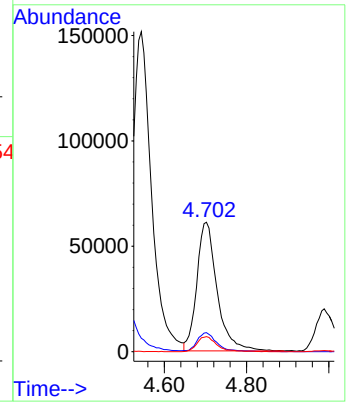


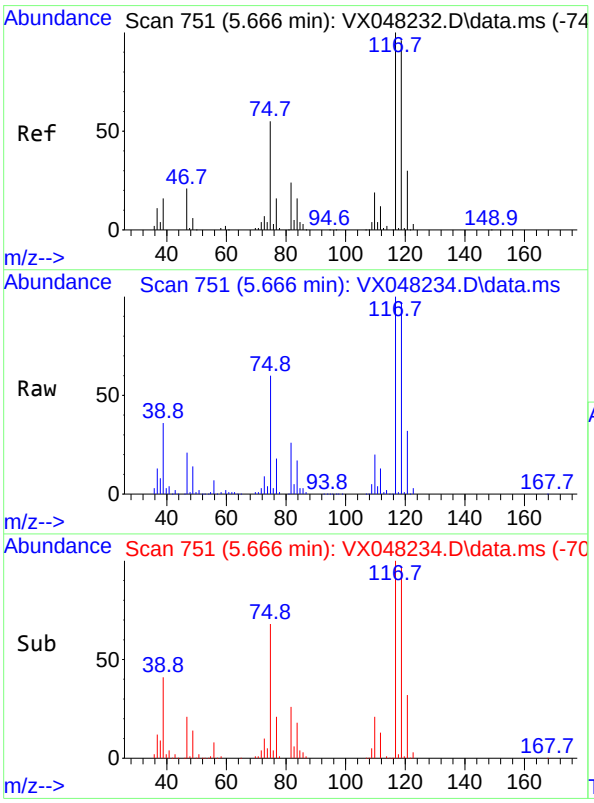

#37
Ethyl Acetate
Concen: 143.380 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 208614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.1 | 10.6 | 15.8 |
| 70 | 11.2 | 7.8 | 11.6 |

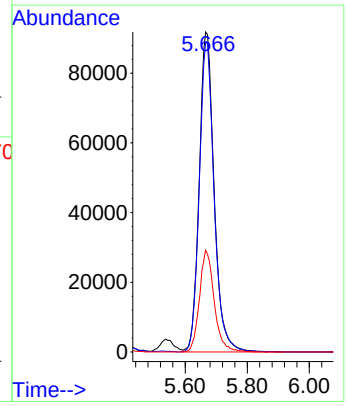


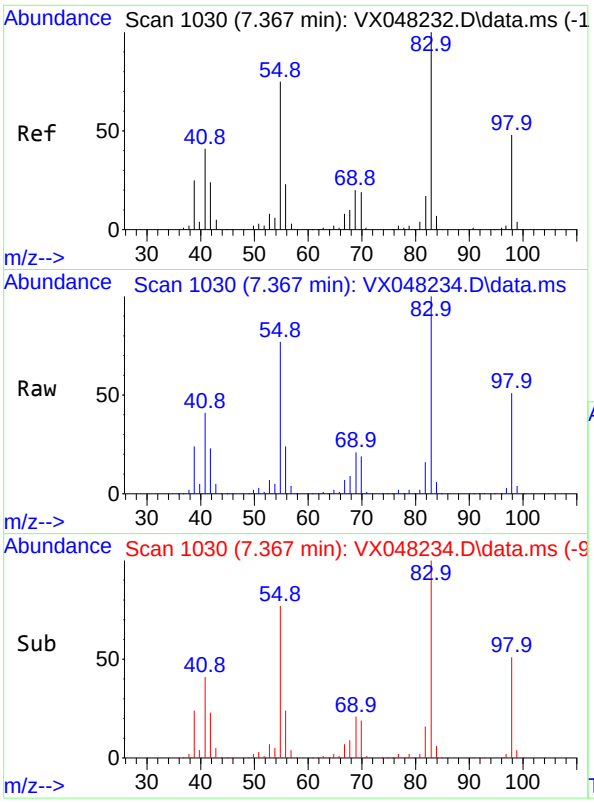




#38
Carbon Tetrachloride
Concen: 142.169 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 307892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.6 | 77.2 | 115.8 |
| 121 | 31.8 | 24.8 | 37.2 |



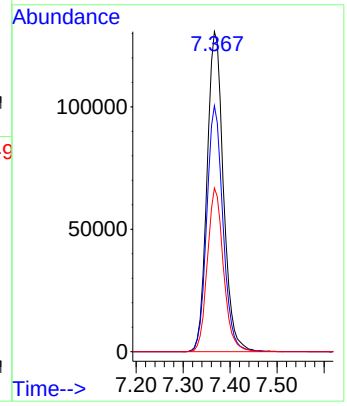


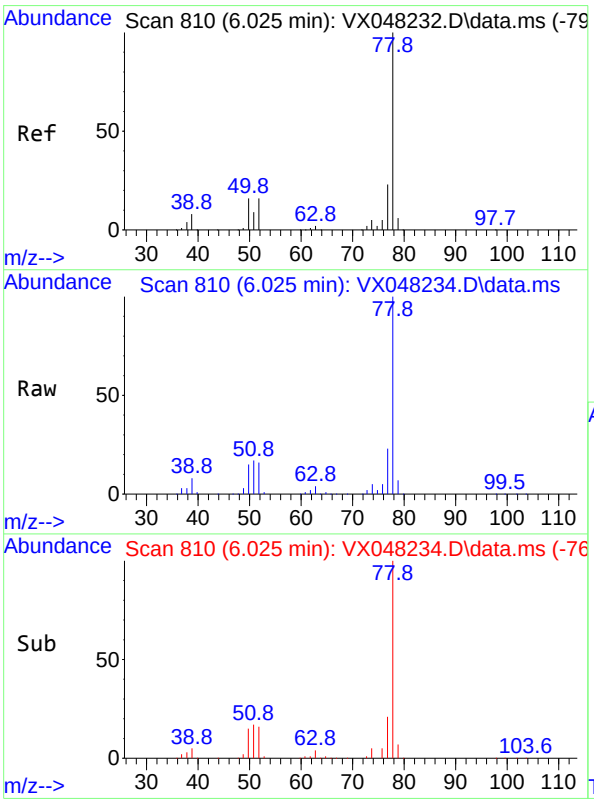

#39
Methylcyclohexane
Concen: 152.387 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 315911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.9 | 66.2 | 99.2 |
| 98 | 51.1 | 38.9 | 58.3 |

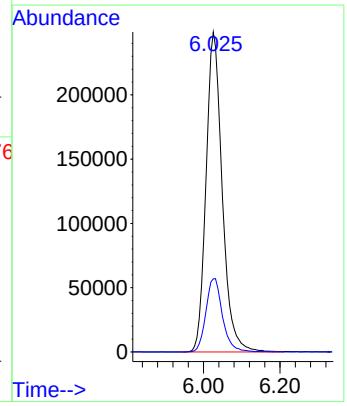


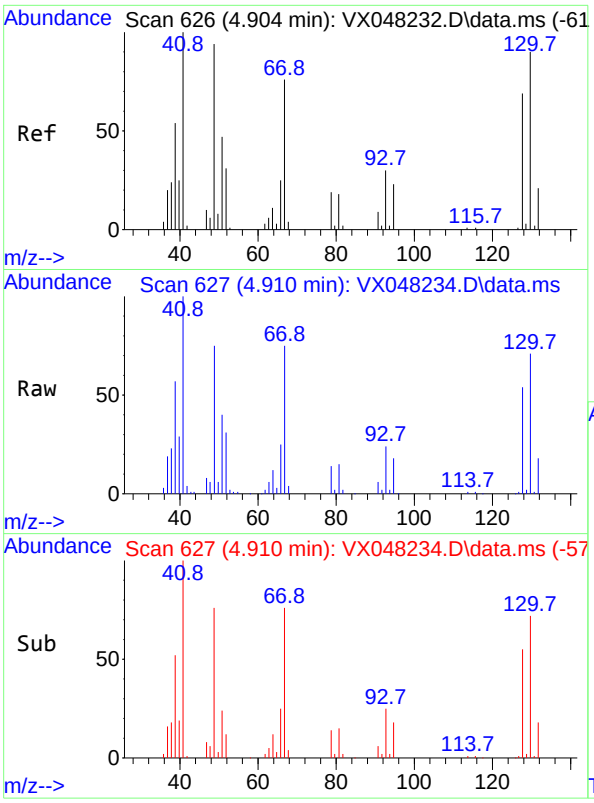




#40
Benzene
Concen: 143.416 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 78 Resp: 730908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.8 | 19.3 | 28.9 |



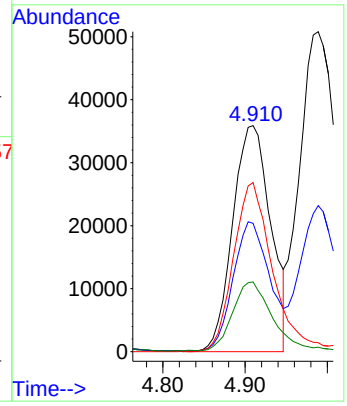


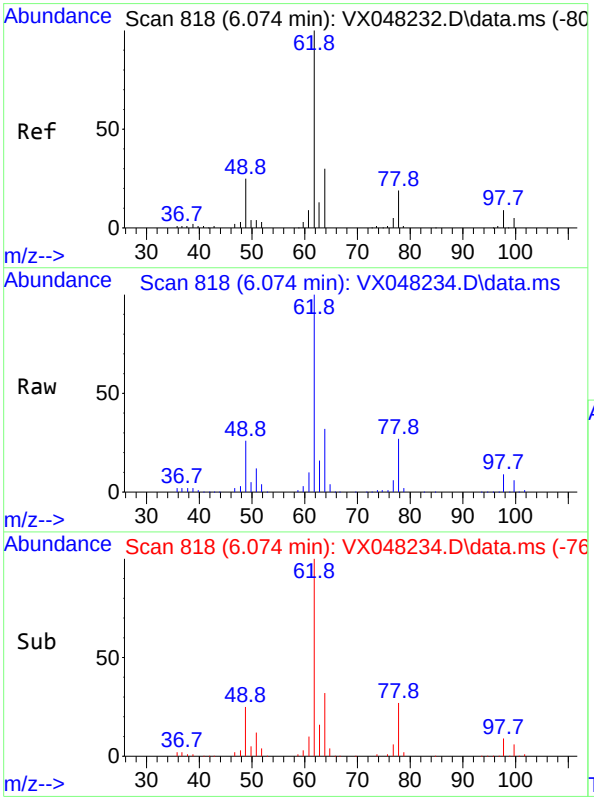

#41
Methacrylonitrile
Concen: 150.966 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 41 Resp: 115351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.0 | 44.0 | 66.0 |
| 67 | 78.1 | 58.7 | 88.1 |
| 52 | 32.5 | 25.9 | 38.9 |

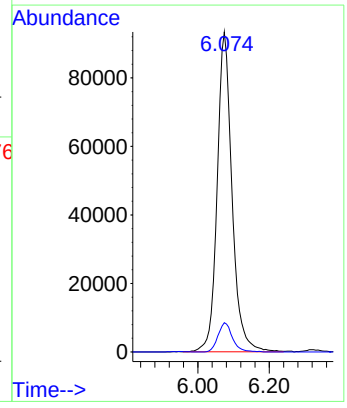


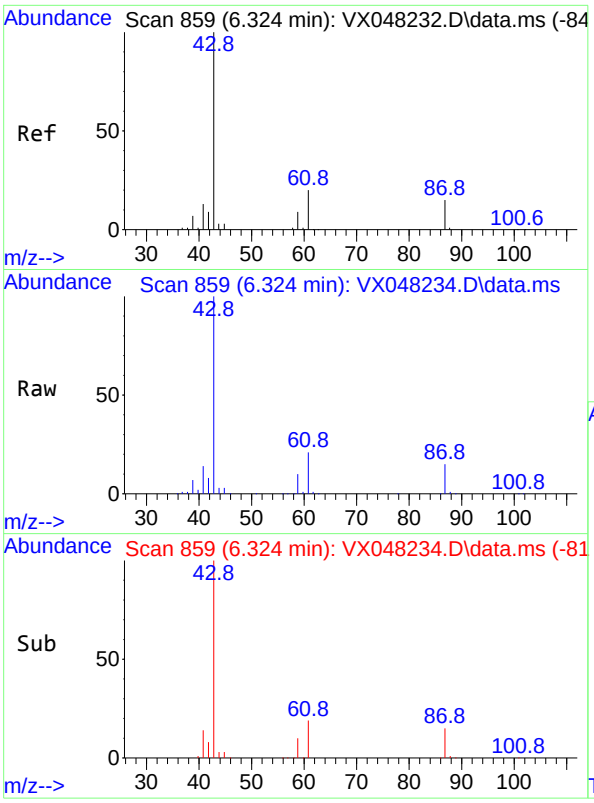




#42
1,2-Dichloroethane
Concen: 143.169 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 269245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.9 | 0.0 | 17.2 |



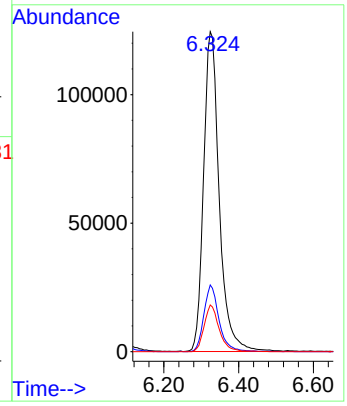


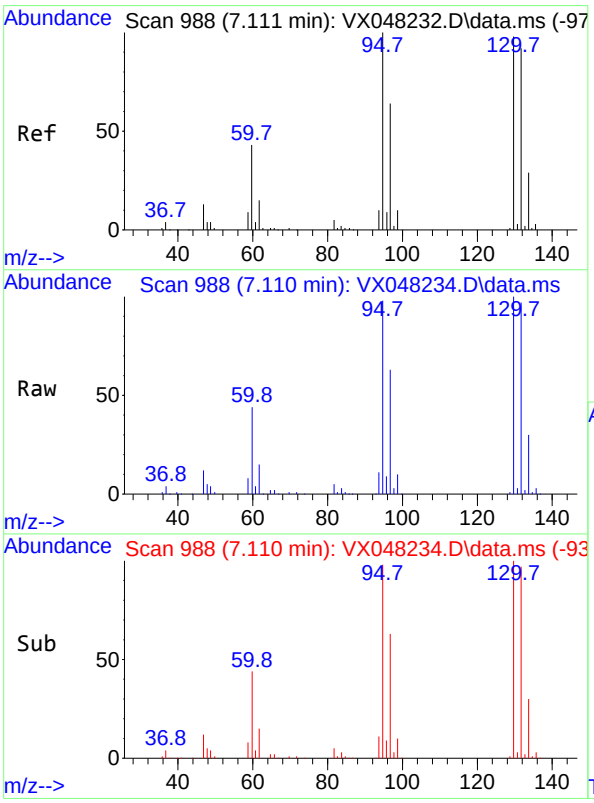

#43
Isopropyl Acetate
Concen: 151.084 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 361084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.2 | 14.9 | 22.3 |
| 87 | 14.0 | 9.4 | 14.2 |

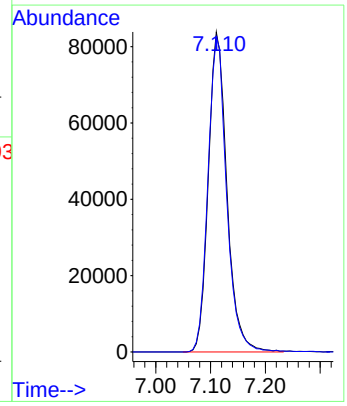


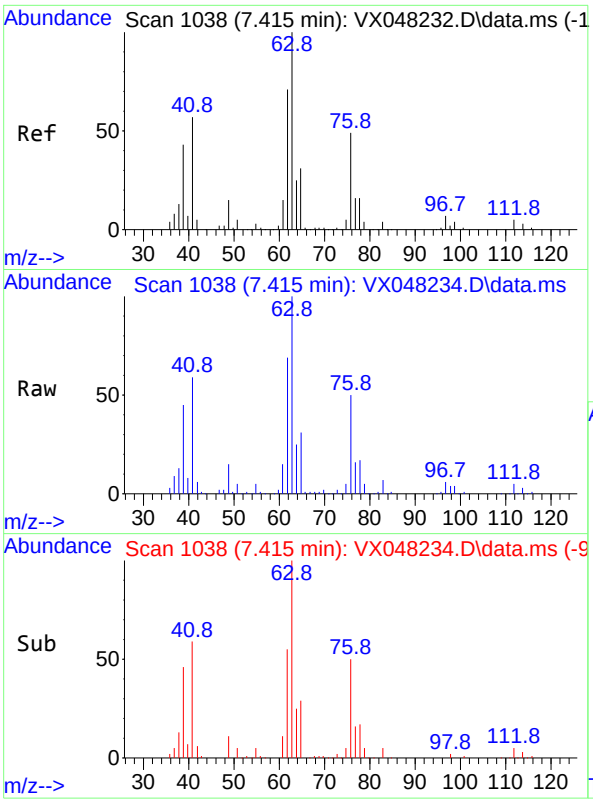




#44
Trichloroethene
Concen: 146.572 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:130 Resp: 197244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 98.5 | 0.0 | 200.6 |



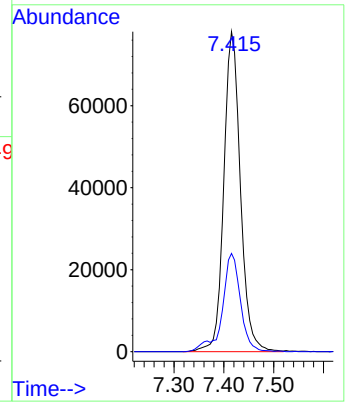


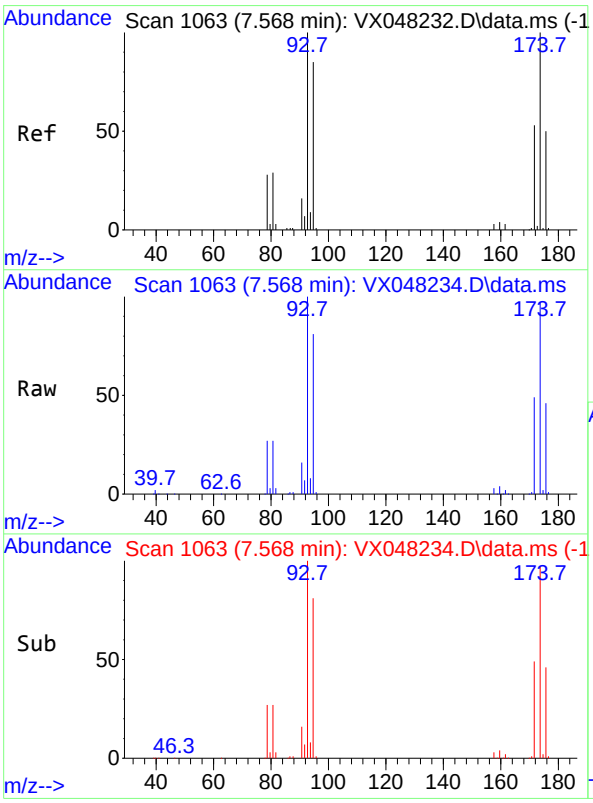

#45
1,2-Dichloropropane
Concen: 149.063 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 63 Resp: 180619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.7 | 24.1 | 36.1 |

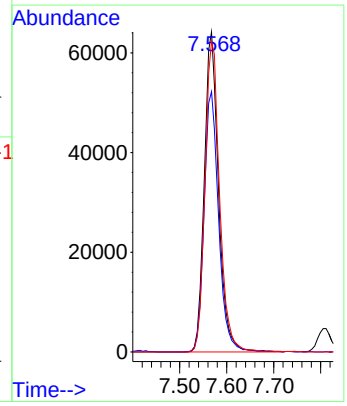


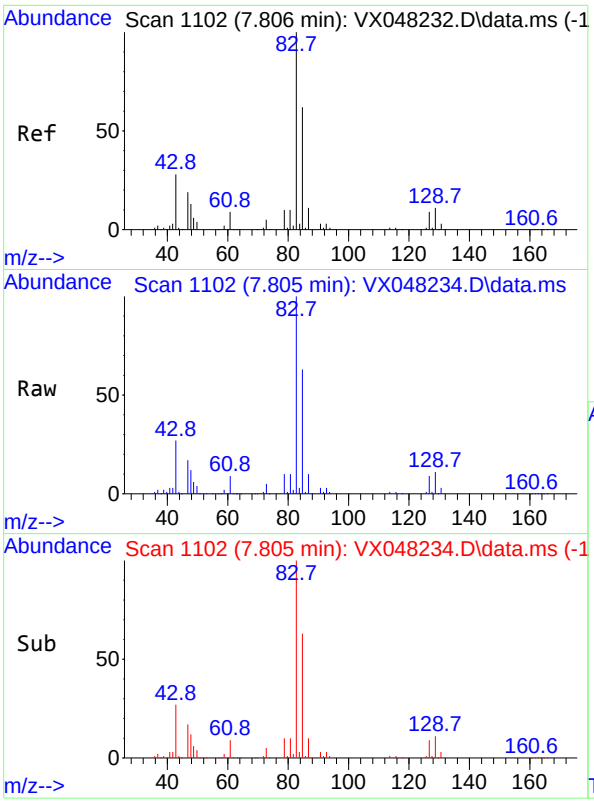




#46
Dibromomethane
Concen: 143.118 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 93 Resp: 135105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.9 | 65.9 | 98.9 |
| 174 | 99.5 | 71.7 | 107.5 |



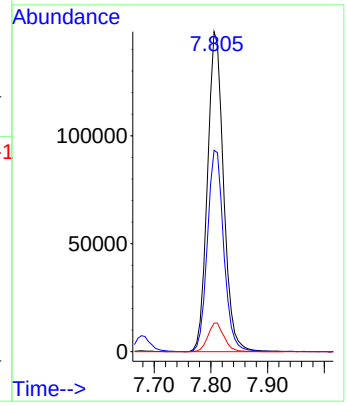


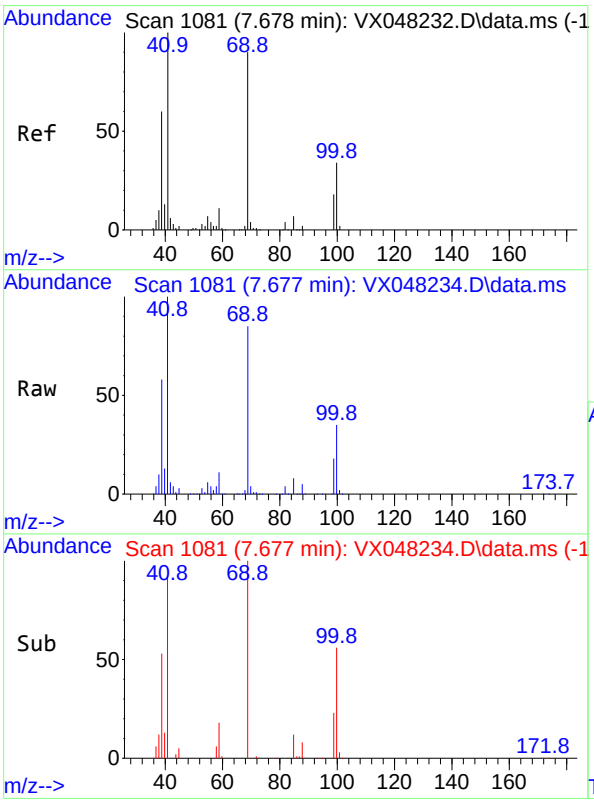

#47
Bromodichloromethane
Concen: 143.290 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 292063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.9 | 52.2 | 78.4 |
| 127 | 8.9 | 7.3 | 10.9 |

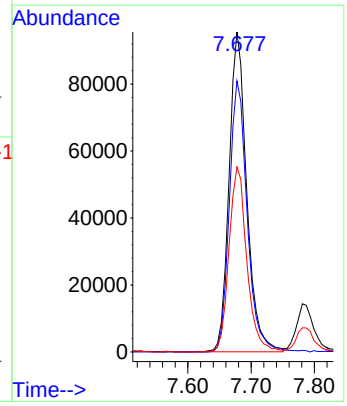


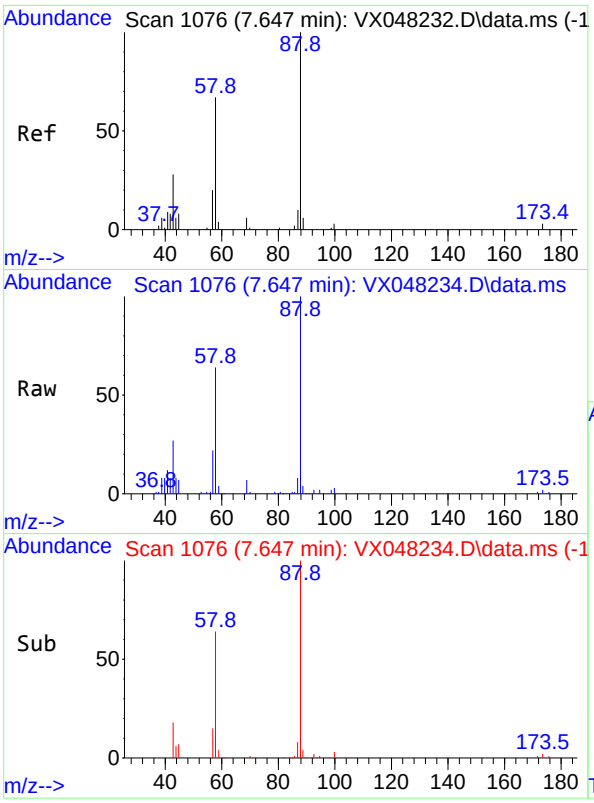




#48
Methyl methacrylate
Concen: 152.865 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 184354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.0 | 63.4 | 95.0 |
| 39 | 58.5 | 47.1 | 70.7 |



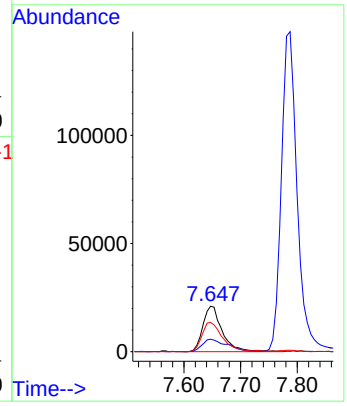


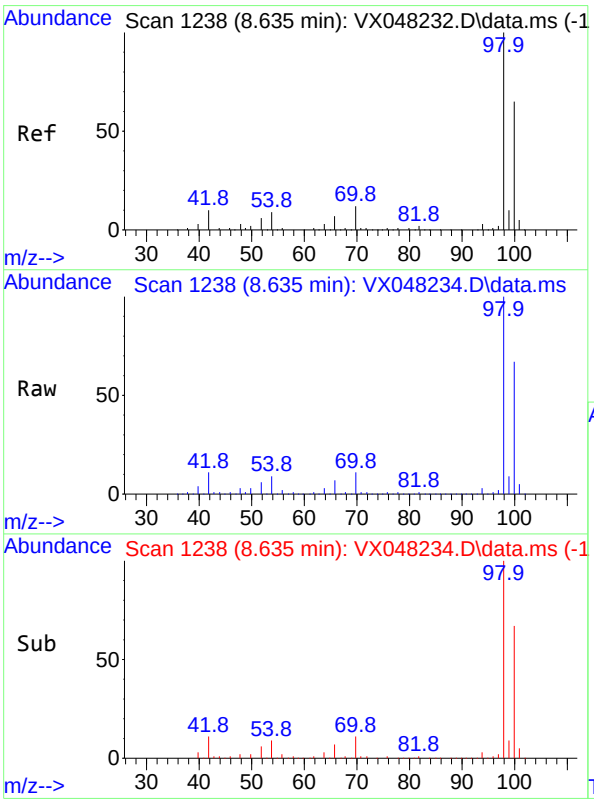

#49
1,4-Dioxane
Concen: 3131.591 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 88 Resp: 49895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.6 | 35.0 | 52.4 |
| 58 | 67.7 | 61.9 | 92.9 |

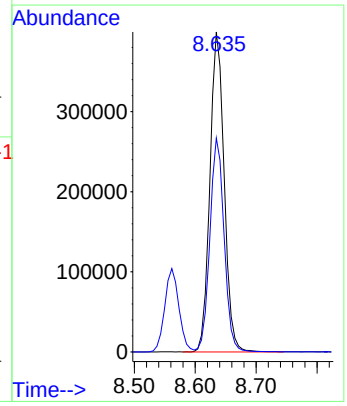


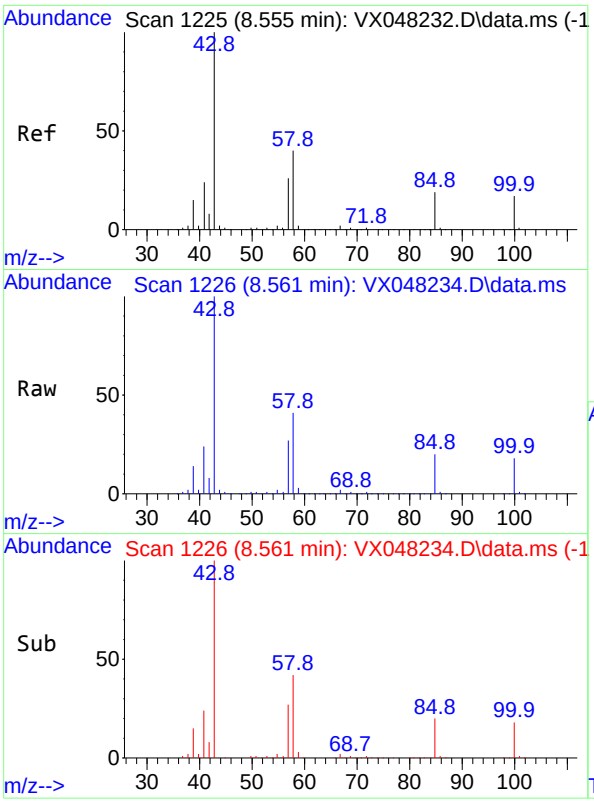




#50
Toluene-d8
Concen: 149.843 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 98 Resp: 648652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.9 | 53.0 | 79.4 |



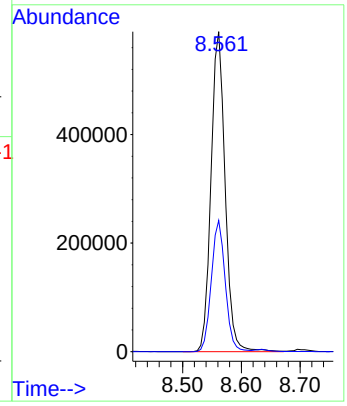


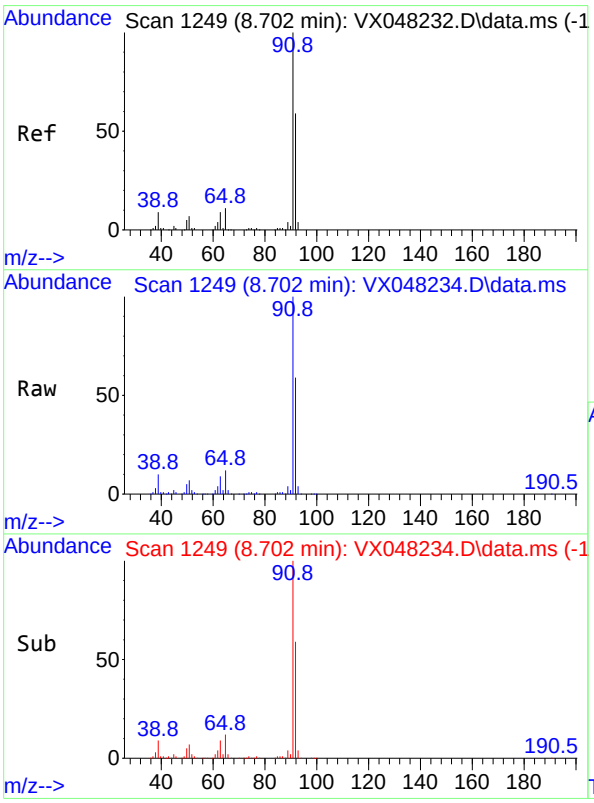

#51
4-Methyl-2-Pentanone
Concen: 713.457 ug/l
RT: 8.561 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 983125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 29.5 | 44.3 |

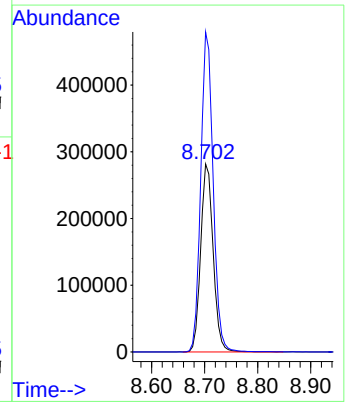


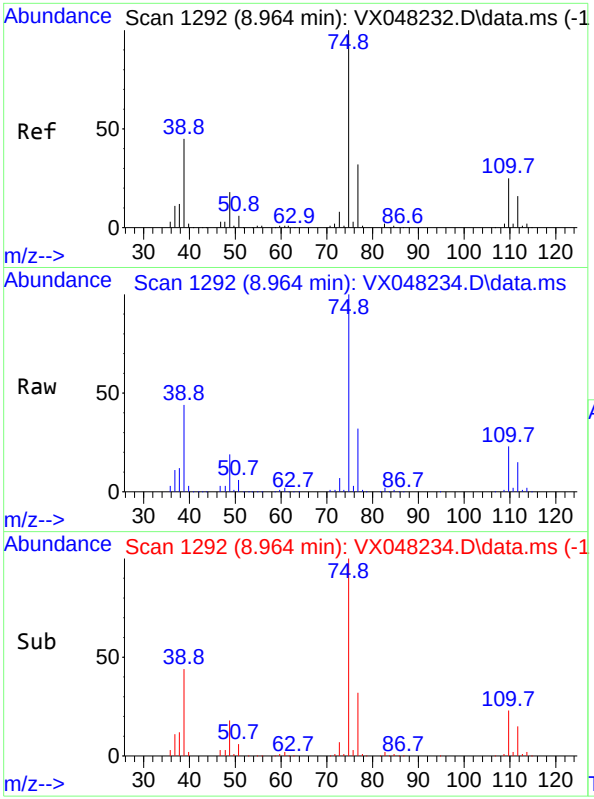




#52
Toluene
Concen: 142.307 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 92 Resp: 460742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.1 | 136.1 | 204.1 |



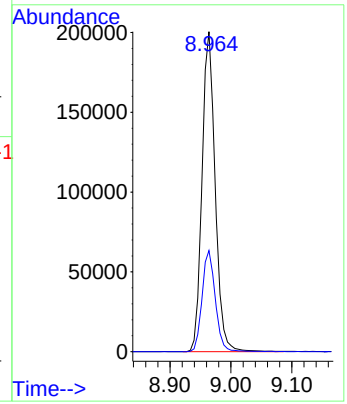


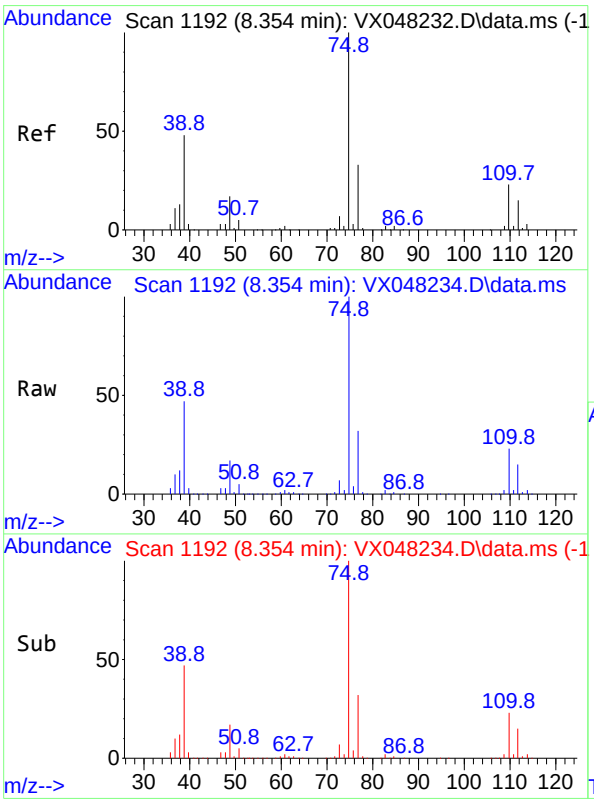

#53
t-1,3-Dichloropropene
Concen: 152.861 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 75 Resp: 300251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 25.0 | 37.6 |

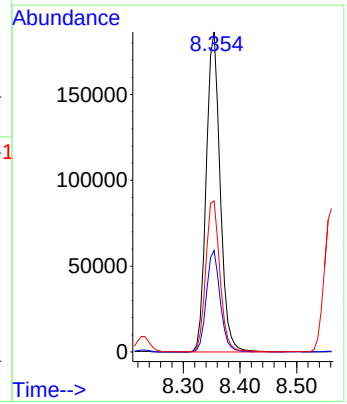


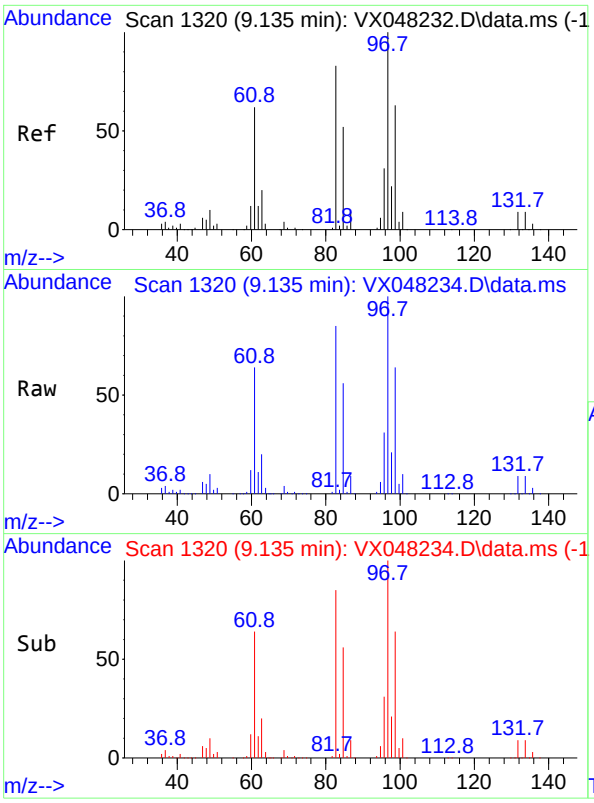




#54
cis-1,3-Dichloropropene
Concen: 149.763 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 317375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 24.9 | 37.3 |
| 39 | 47.1 | 42.6 | 64.0 |



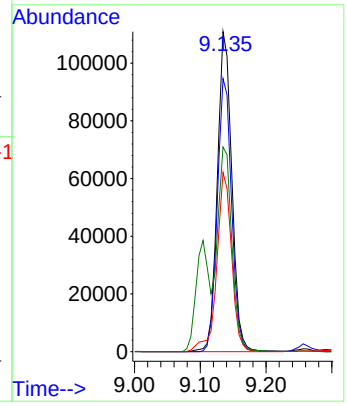


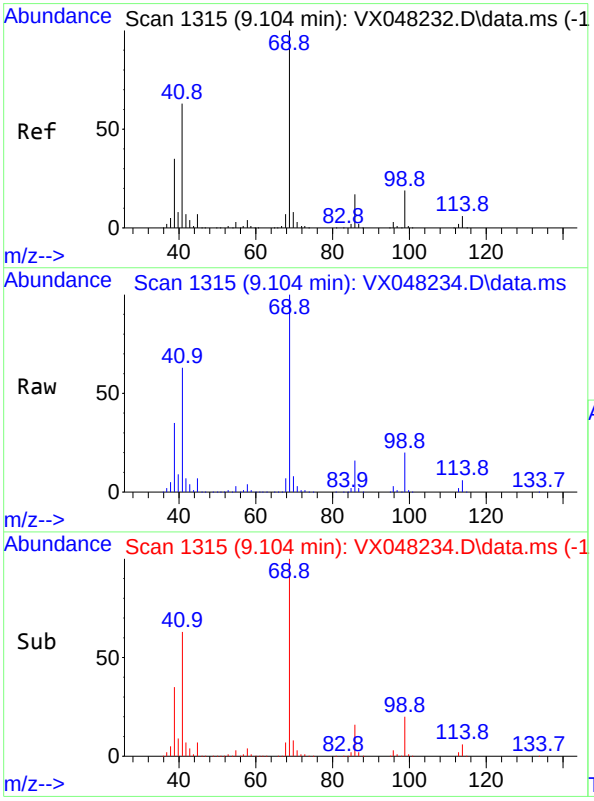

#55
1,1,2-Trichloroethane
Concen: 141.104 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 97 Resp: 169894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.4 | 70.6 | 105.8 |
| 85 | 56.0 | 45.0 | 67.6 |
| 99 | 63.9 | 50.9 | 76.3 |

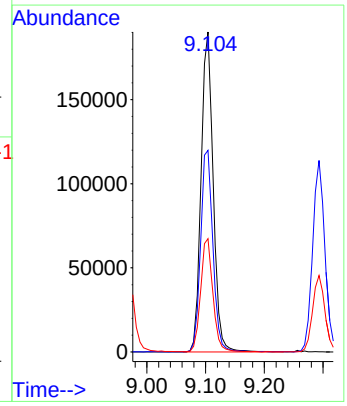


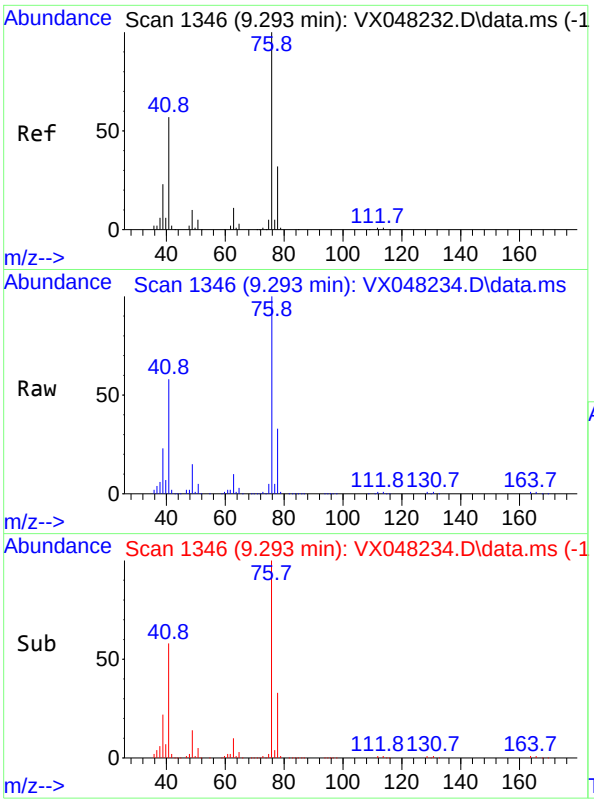




#56
Ethyl methacrylate
Concen: 154.550 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 69 Resp: 272177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.4 | 56.0 | 84.0 |
| 39 | 36.1 | 31.6 | 47.4 |



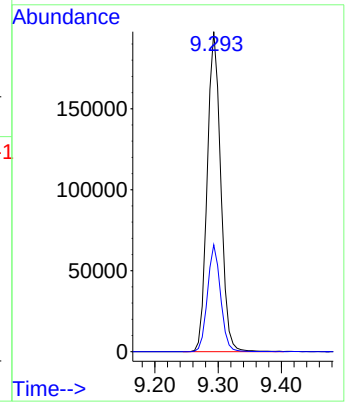


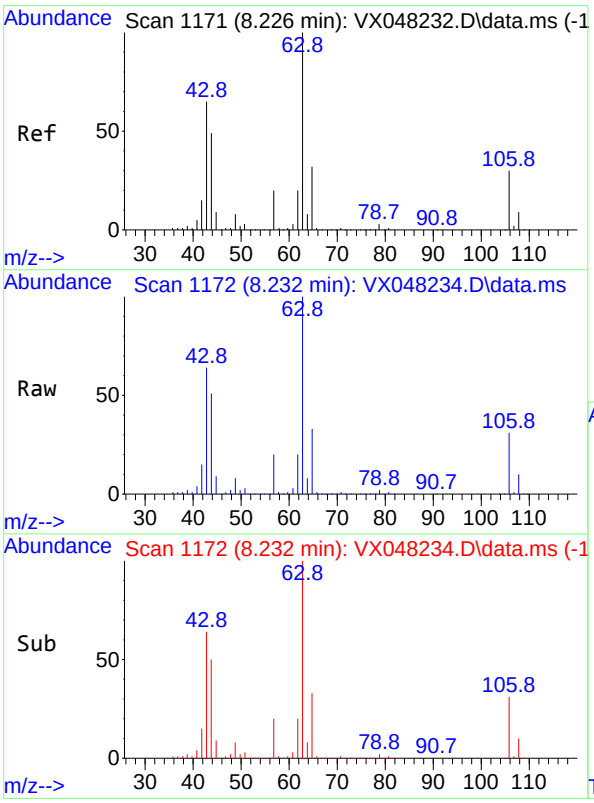

#57
1,3-Dichloropropane
Concen: 142.782 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 76 Resp: 293650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 25.4 | 38.0 |

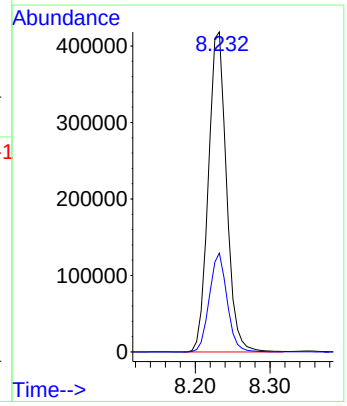


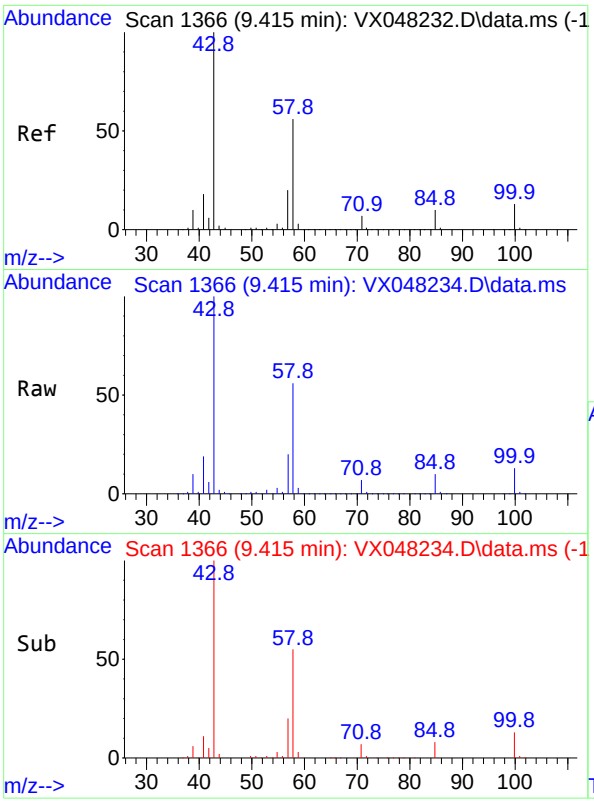




#58
2-Chloroethyl Vinyl ether
Concen: 741.966 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 705780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.2 | 22.2 | 33.2 |



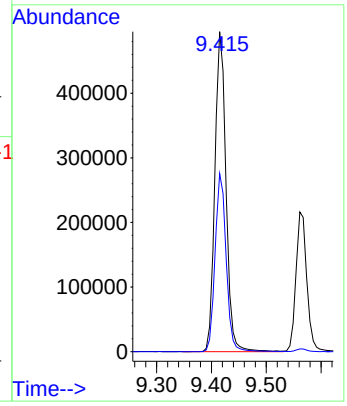


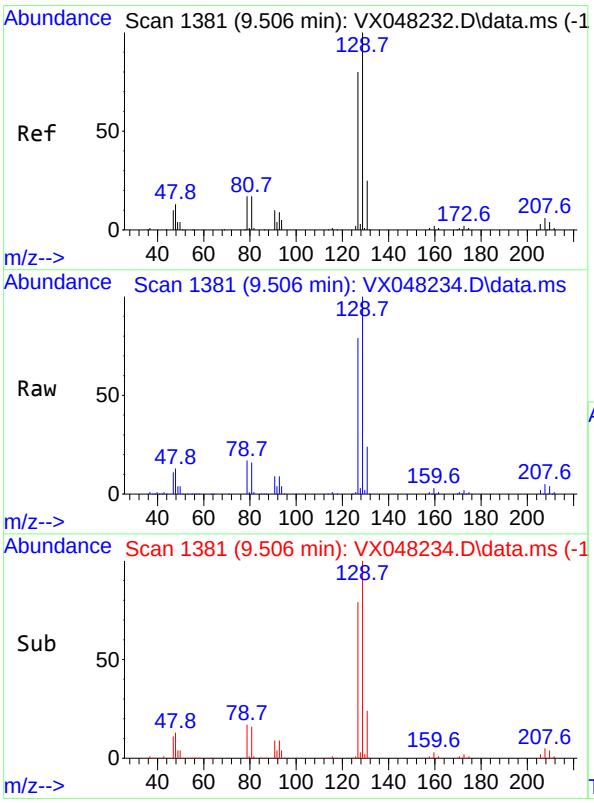

#59
2-Hexanone
Concen: 723.047 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 694736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.6 | 26.3 | 78.8 |

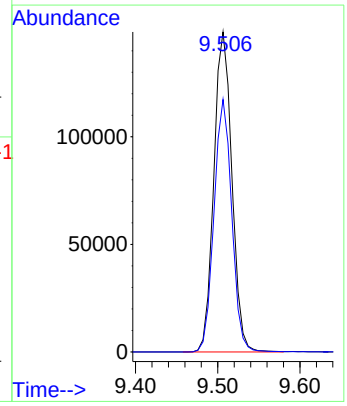


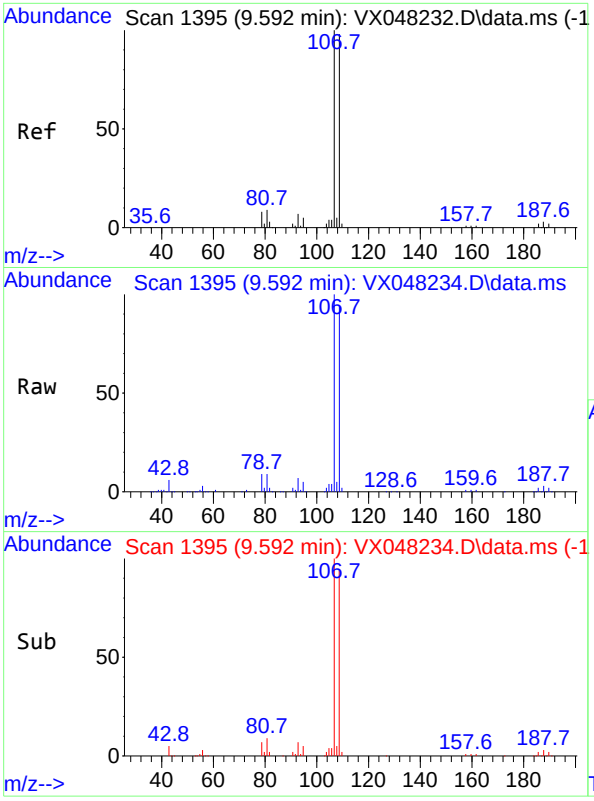




#60
Dibromochloromethane
Concen: 140.050 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:129 Resp: 226642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.8 | 38.6 | 115.7 |



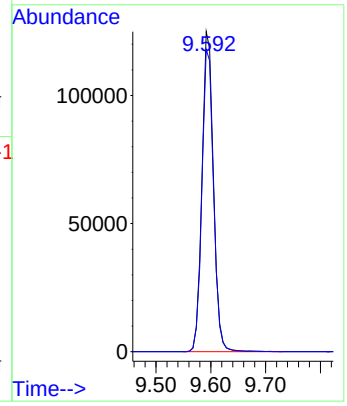


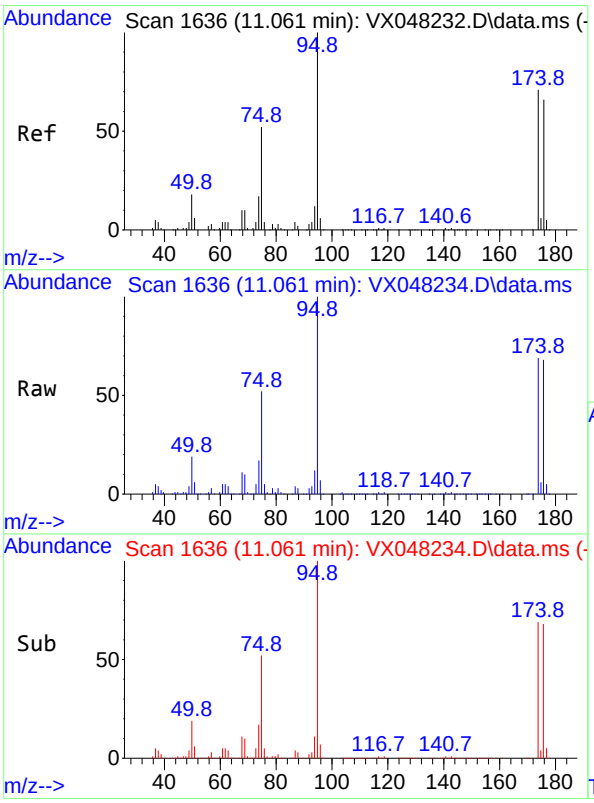

#61
1,2-Dibromoethane
Concen: 141.953 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:107 Resp: 182208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.6 | 77.0 | 115.4 |

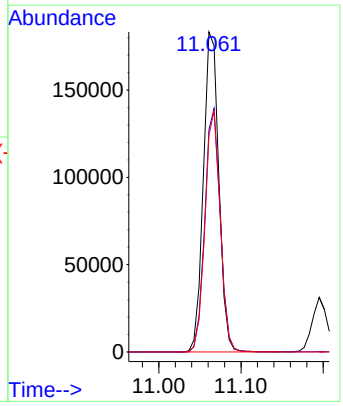


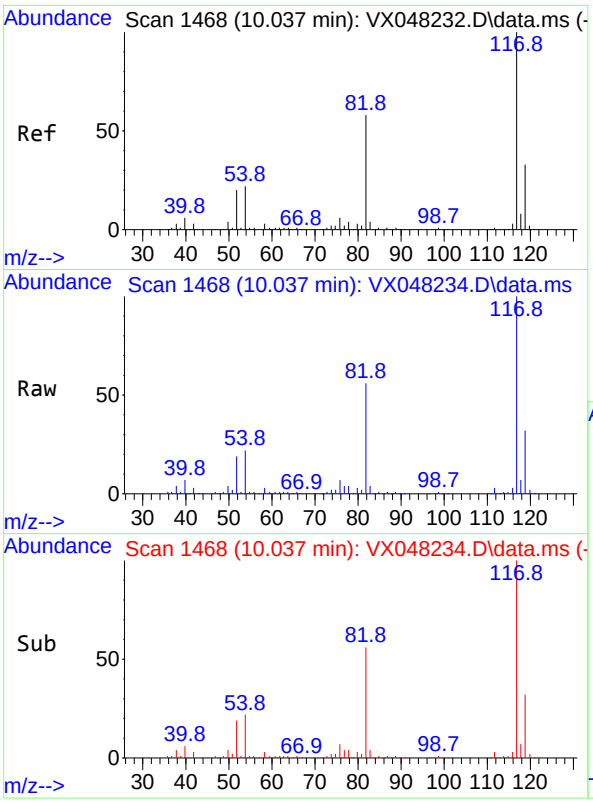




#62
4-Bromofluorobenzene
Concen: 145.308 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 95 Resp: 239298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.0 | 0.0 | 147.8 |
| 176 | 74.2 | 0.0 | 142.8 |



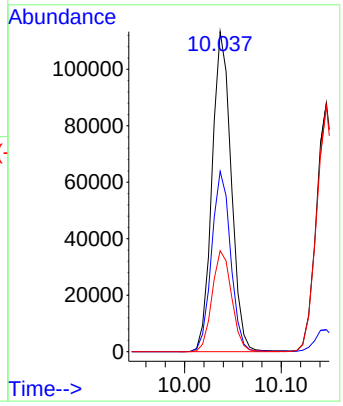


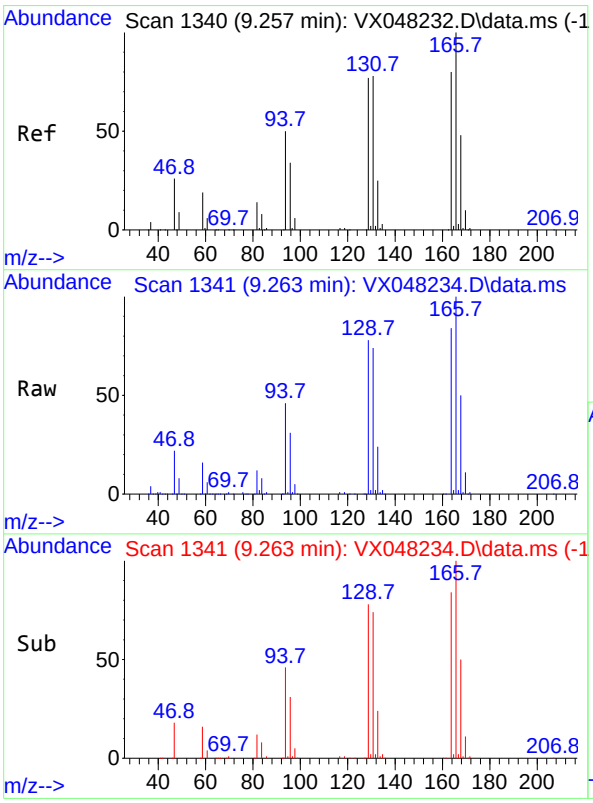

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:117 Resp: 155759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.4 | 46.5 | 69.7 |
| 119 | 31.5 | 25.9 | 38.9 |

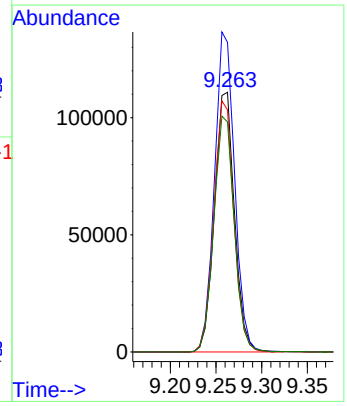


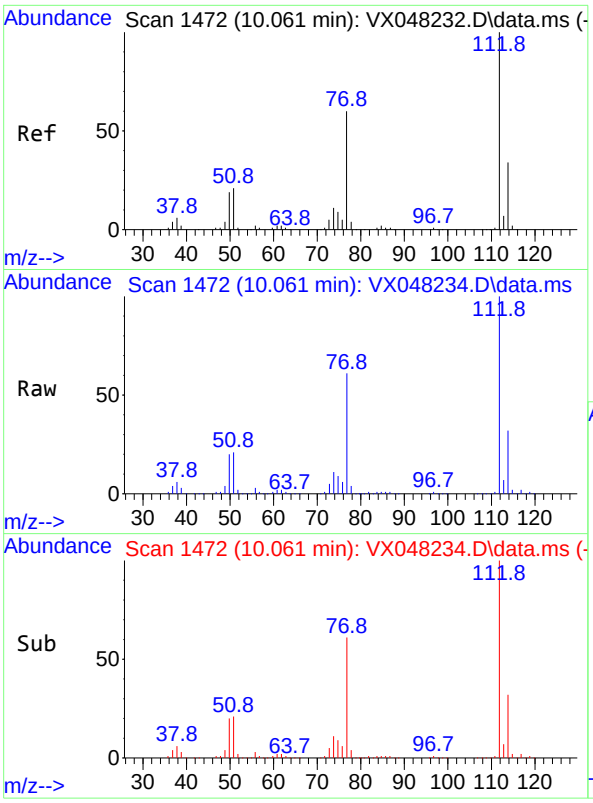




#64
Tetrachloroethene
Concen: 144.982 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:164 Resp: 168581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 119.3 | 104.5 | 156.7 |
| 129 | 93.2 | 81.8 | 122.6 |
| 131 | 88.6 | 77.0 | 115.6 |



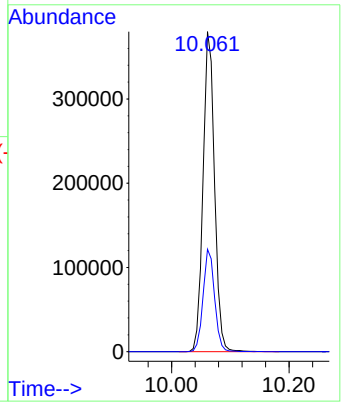


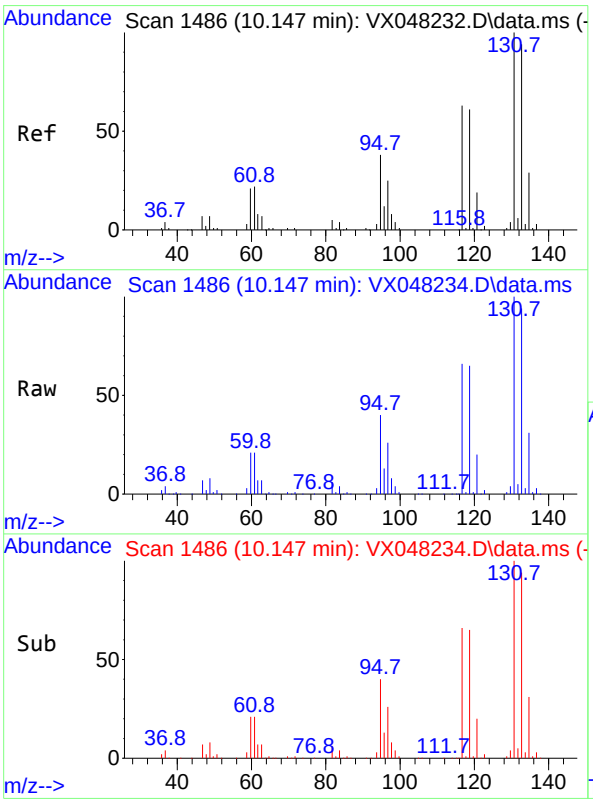

#65
Chlorobenzene
Concen: 146.973 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:112 Resp: 514967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.0 | 26.2 | 39.2 |

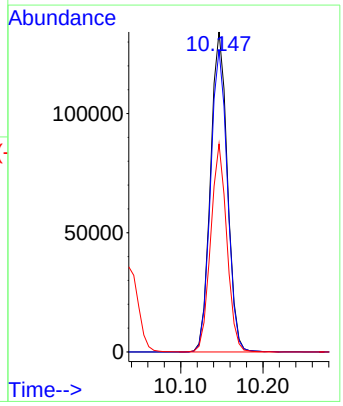


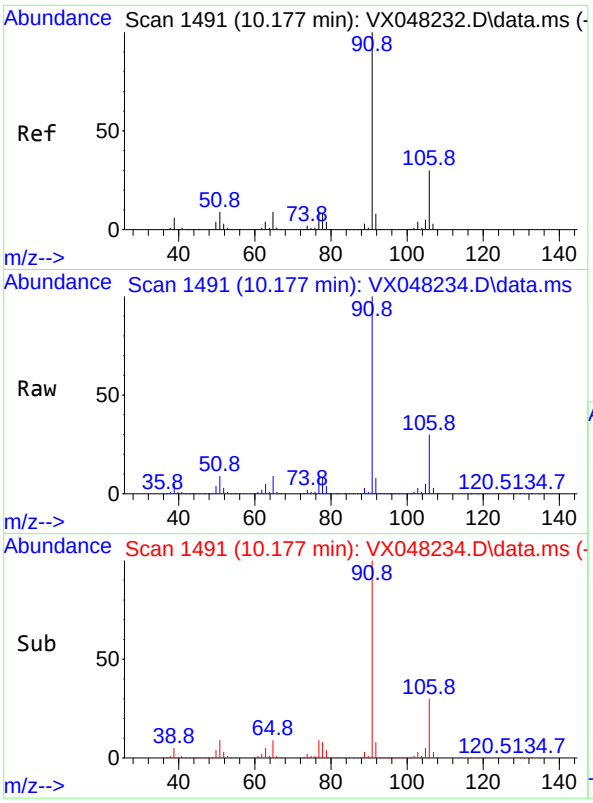




#66
1,1,1,2-Tetrachloroethane
Concen: 148.558 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:131 Resp: 191186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.4 | 47.6 | 142.8 |
| 119 | 62.3 | 32.5 | 97.5 |



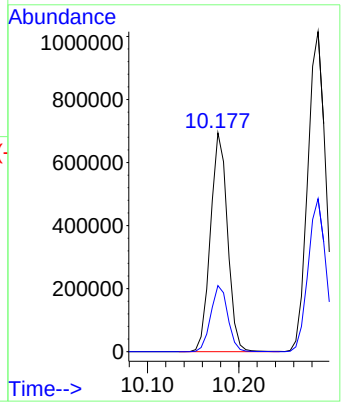


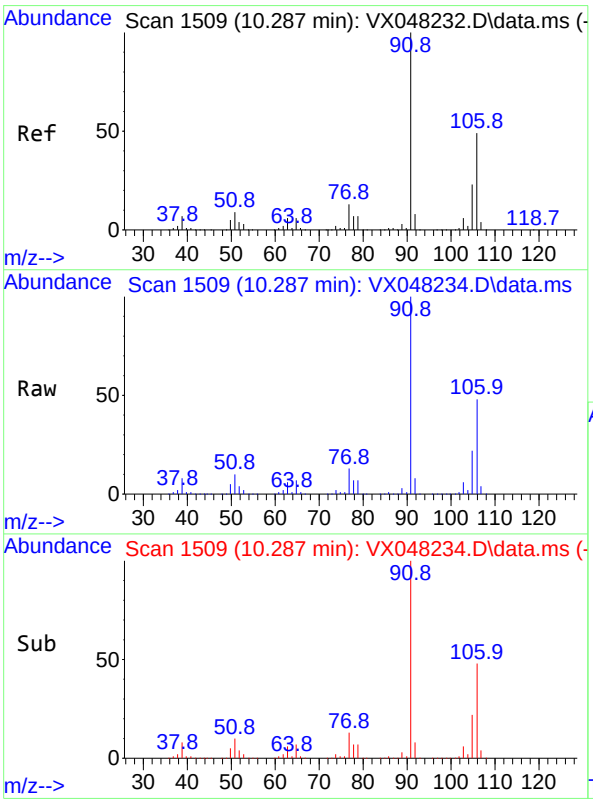

#67
Ethyl Benzene
Concen: 150.554 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 898137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.2 | 23.8 | 35.6 |

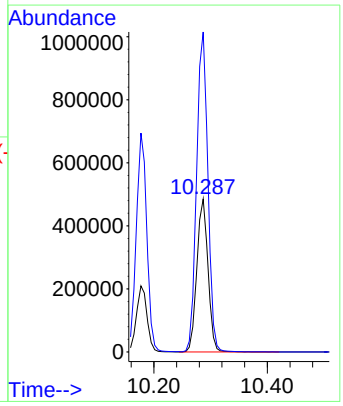


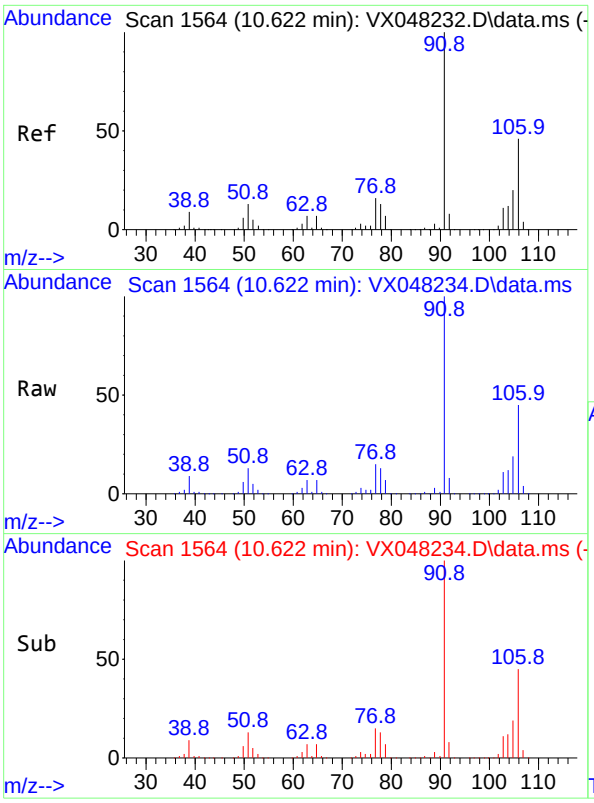




#68
m/p-Xylenes
Concen: 298.230 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:106 Resp: 661019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.4 | 167.9 | 251.9 |



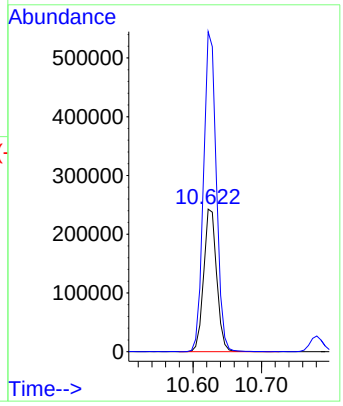


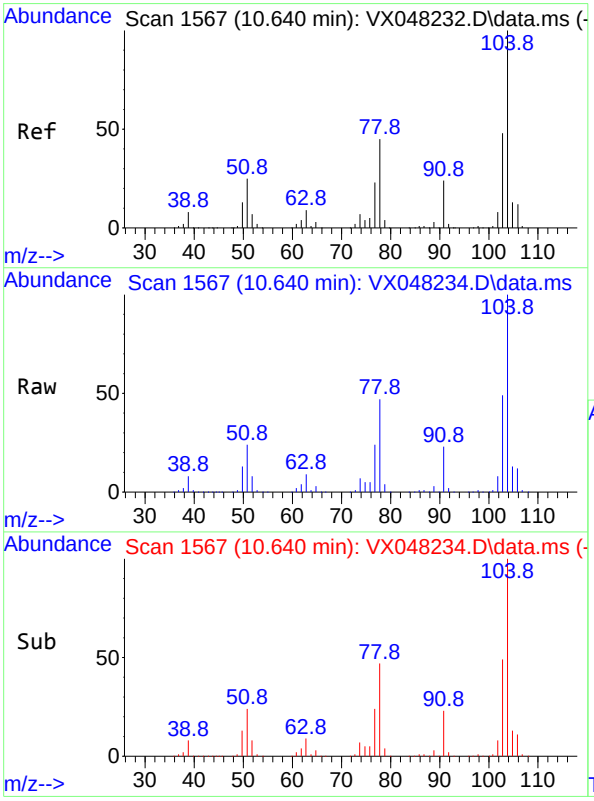

#69
o-Xylene
Concen: 149.698 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:106 Resp: 320334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.5 | 111.3 | 333.9 |

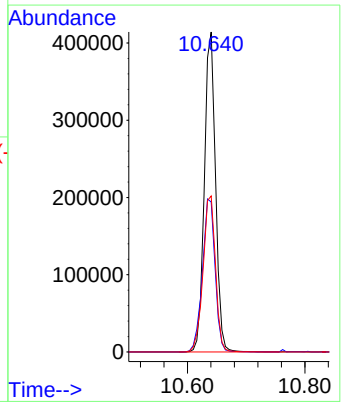


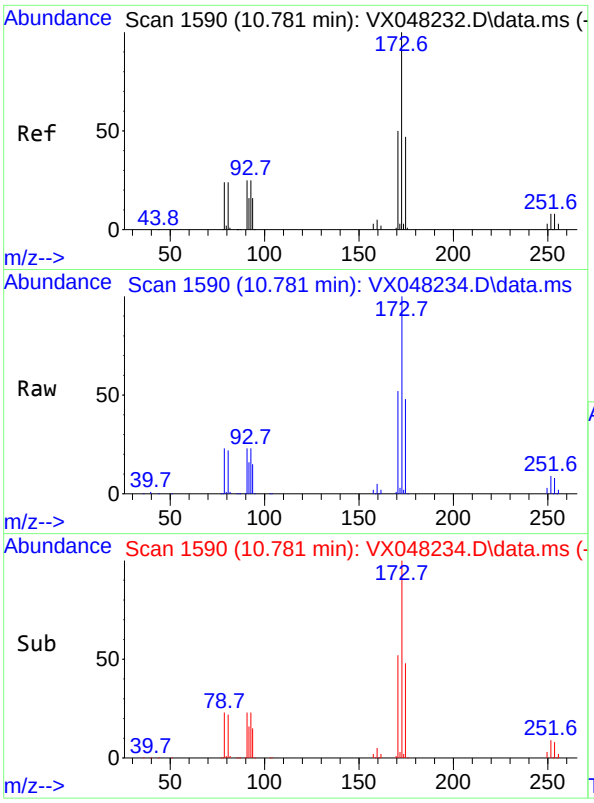




#70
Styrene
Concen: 150.439 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:104 Resp: 548149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.3 | 42.2 | 63.4 |
| 103 | 54.4 | 43.0 | 64.4 |



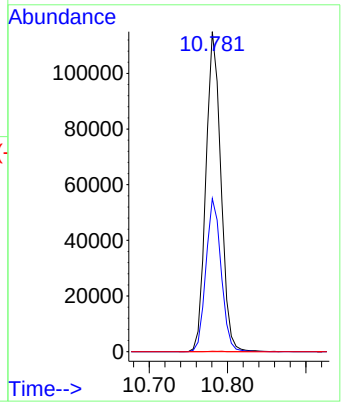


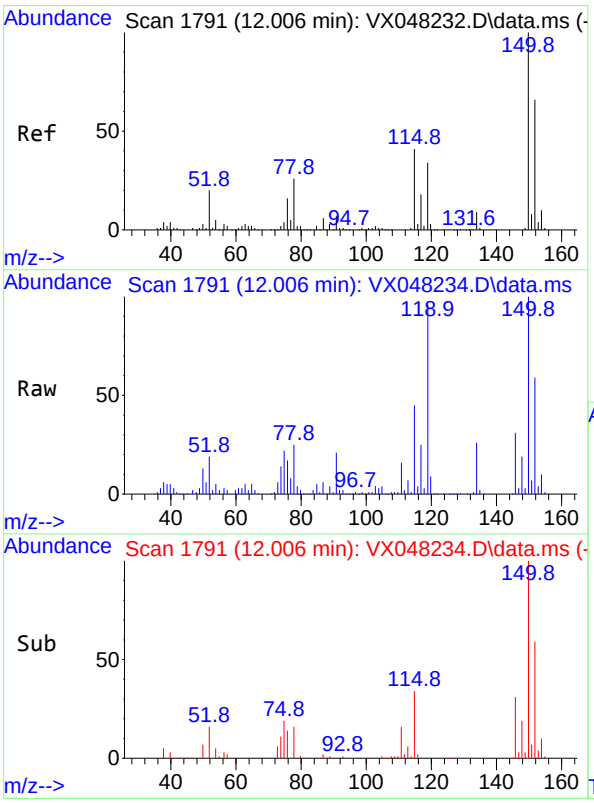

#71
Bromoform
Concen: 147.980 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:173 Resp: 152209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 24.0 | 72.0 |
| 254 | 0.1 | 0.0 | 0.0# |

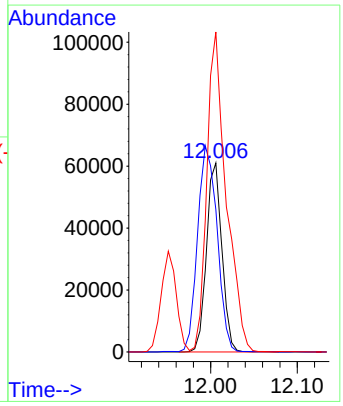


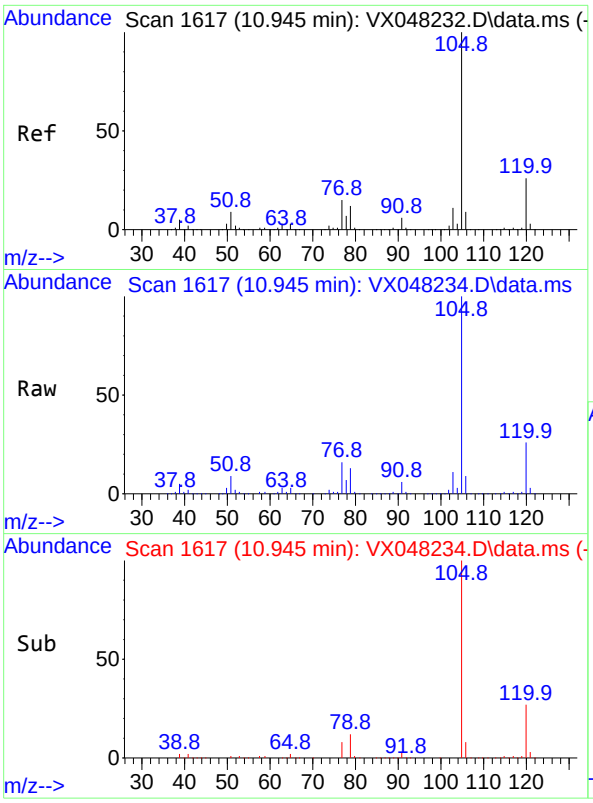




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:152 Resp: 75397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 138.9 | 43.1 | 129.4# |
| 150 | 212.6 | 0.0 | 353.0 |



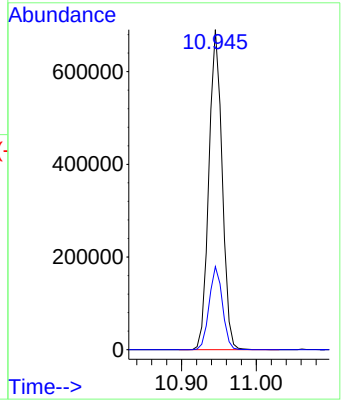


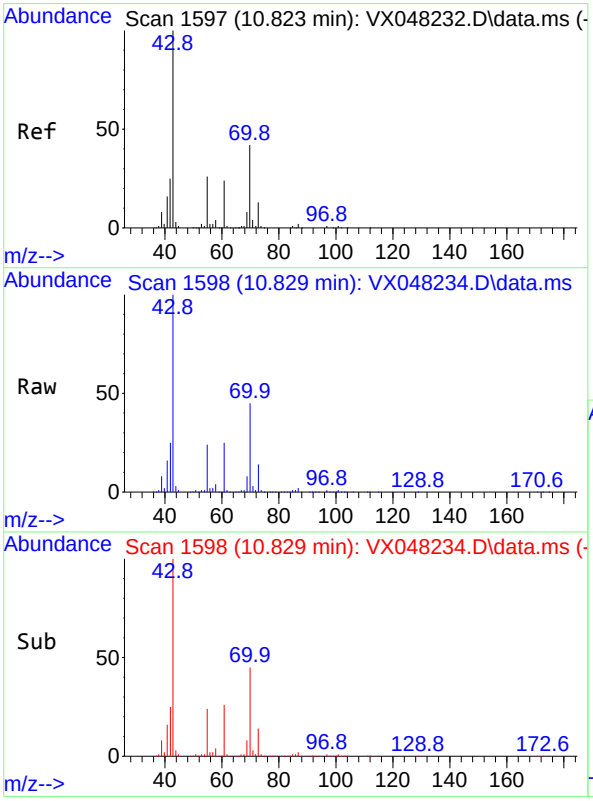

#73
Isopropylbenzene
Concen: 154.201 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:105 Resp: 849183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 13.0 | 38.9 |

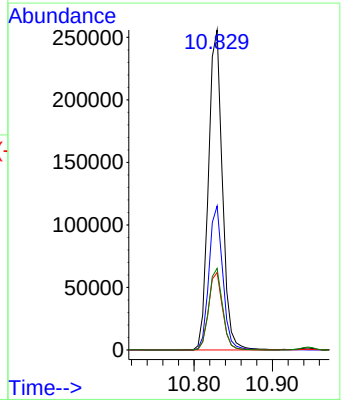


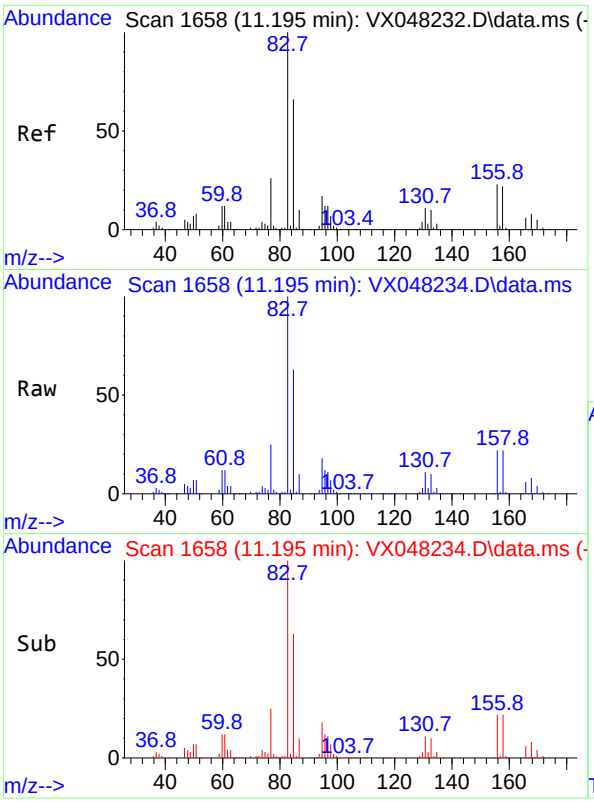




#74
N-amyl acetate
Concen: 161.195 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 314879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.5 | 32.2 | 48.2 |
| 55 | 24.4 | 19.1 | 28.7 |
| 61 | 25.2 | 18.6 | 28.0 |



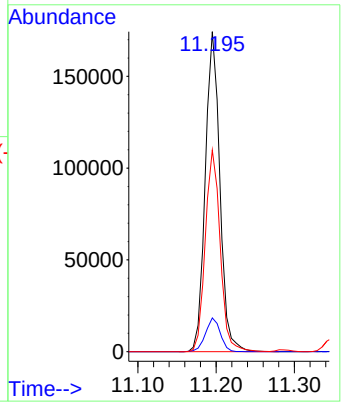


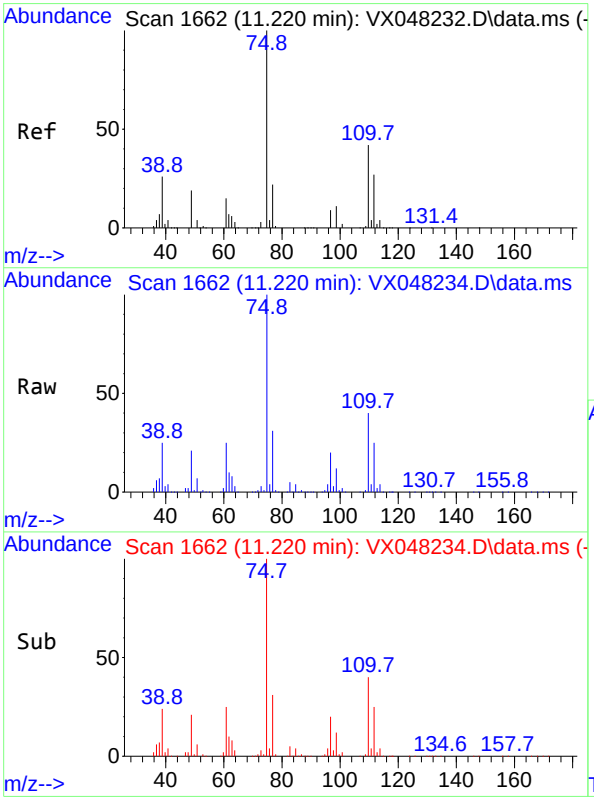

#75
1,1,2,2-Tetrachloroethane
Concen: 149.271 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 224486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.7 | 4.8 | 14.4 |
| 85 | 64.6 | 31.9 | 95.7 |

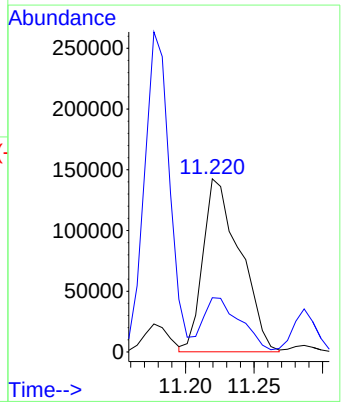


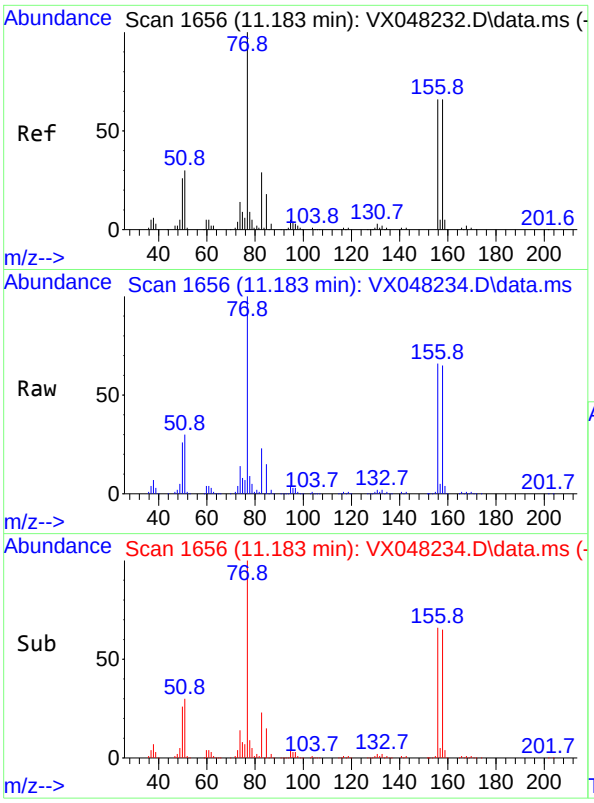




#76
1,2,3-Trichloropropane
Concen: 219.425 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 268288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.3 | 22.4 | 67.2 |



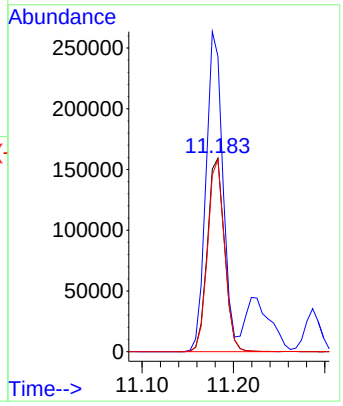


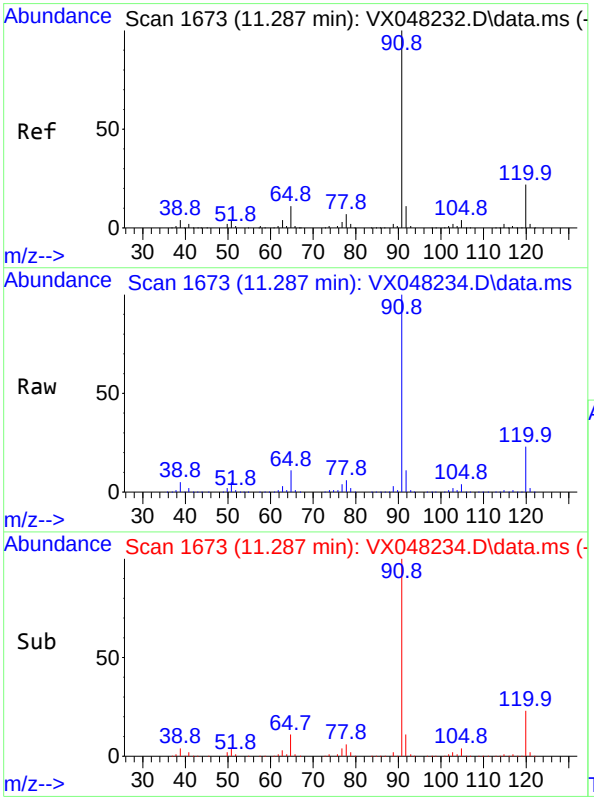

#77
Bromobenzene
Concen: 150.063 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:156 Resp: 207212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 161.9 | 87.0 | 261.0 |
| 158 | 97.9 | 47.8 | 143.4 |

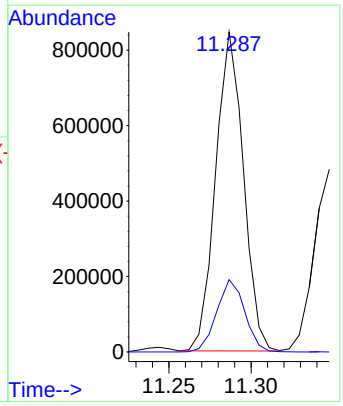


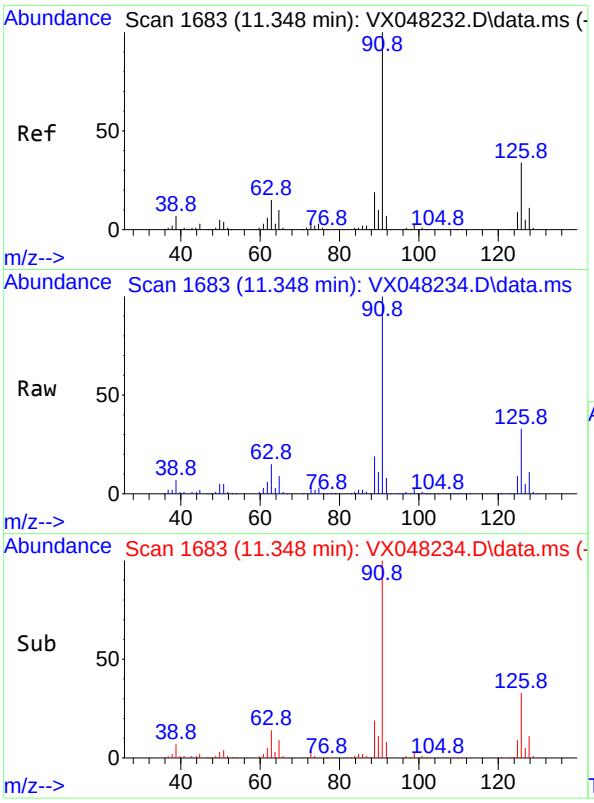




#78
n-propylbenzene
Concen: 155.573 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 991960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.9 | 11.1 | 33.1 |



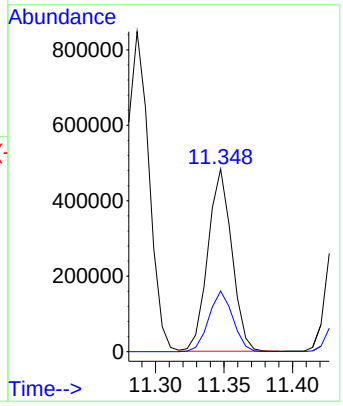


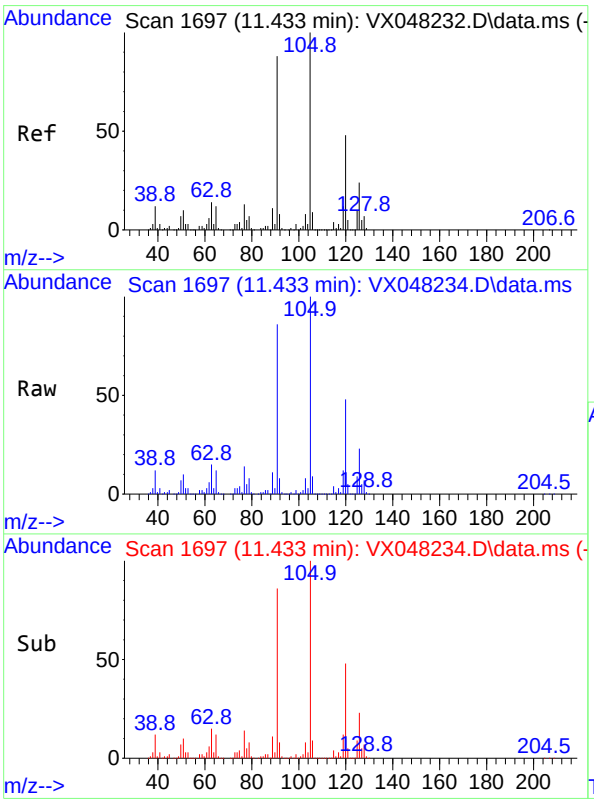

#79
2-Chlorotoluene
Concen: 151.532 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 585792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.5 | 16.4 | 49.4 |

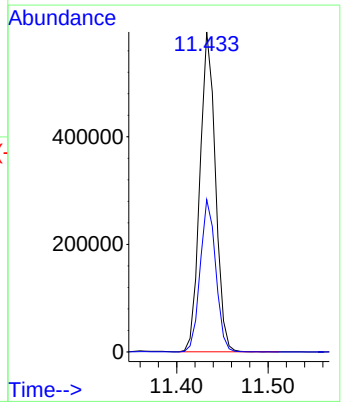


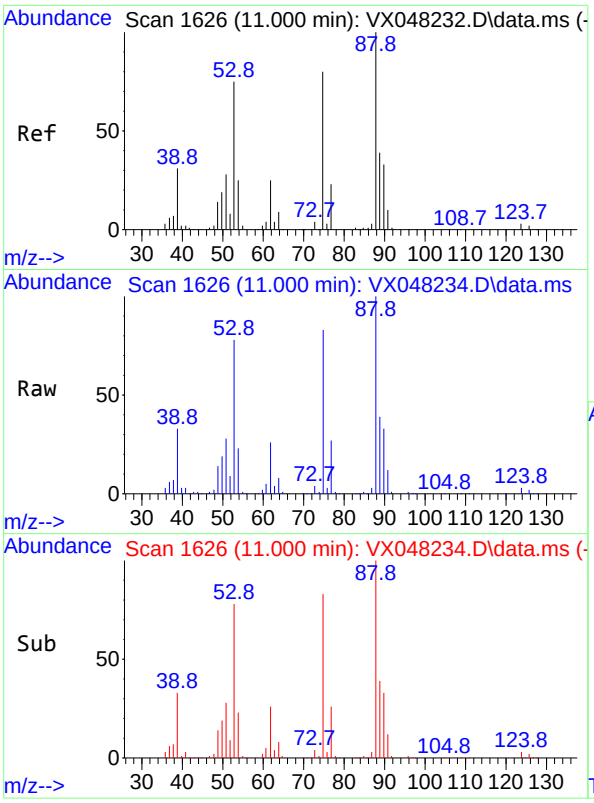




#80
1,3,5-Trimethylbenzene
Concen: 153.574 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 699885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.7 | 24.0 | 72.0 |



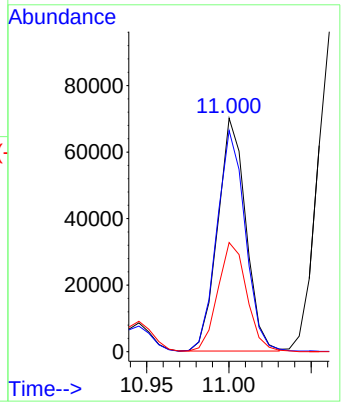


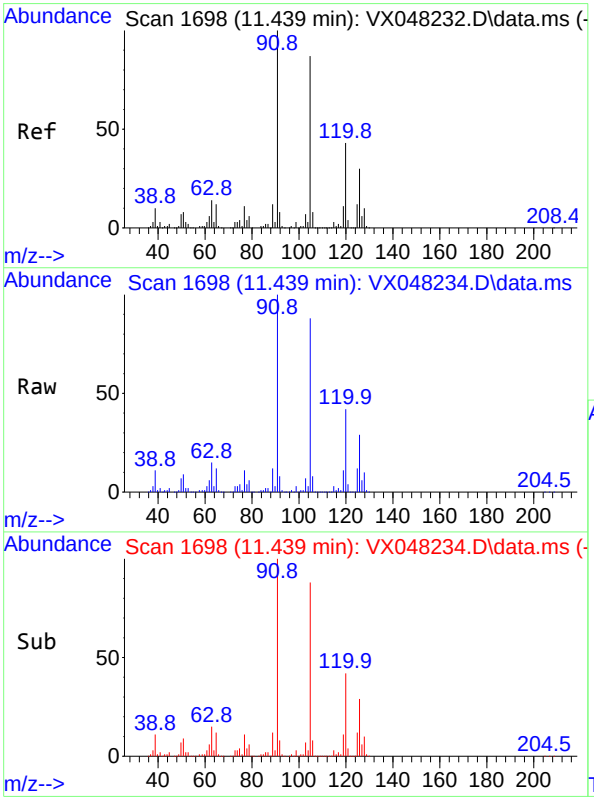

#81
trans-1,4-Dichloro-2-butene
Concen: 165.469 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 75 Resp: 83158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 96.5 | 79.5 | 119.3 |
| 89 | 48.6 | 36.8 | 55.2 |

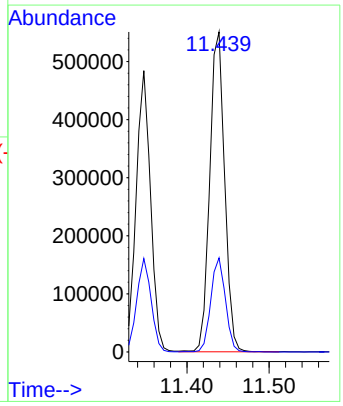


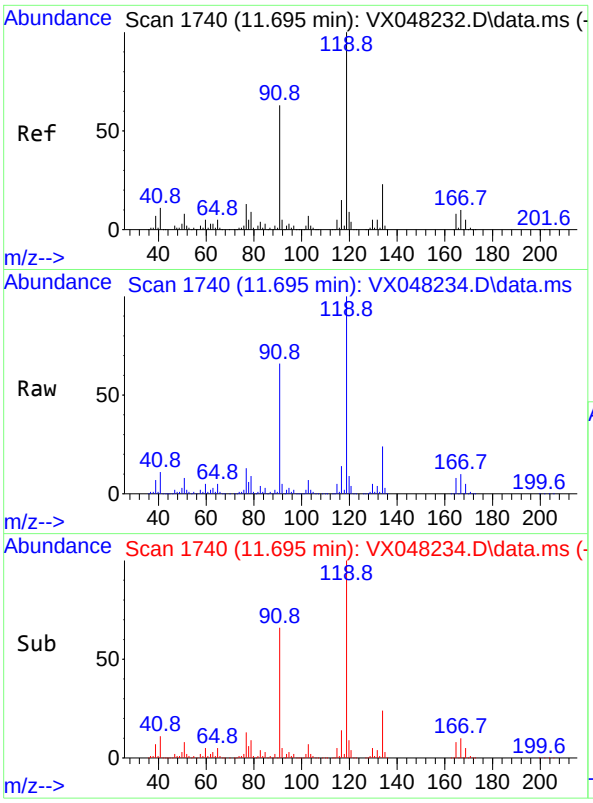




#82
4-Chlorotoluene
Concen: 150.773 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 691903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.0 | 14.1 | 42.4 |



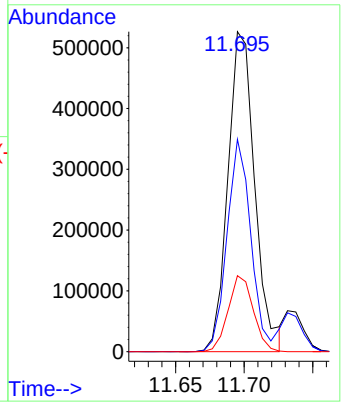


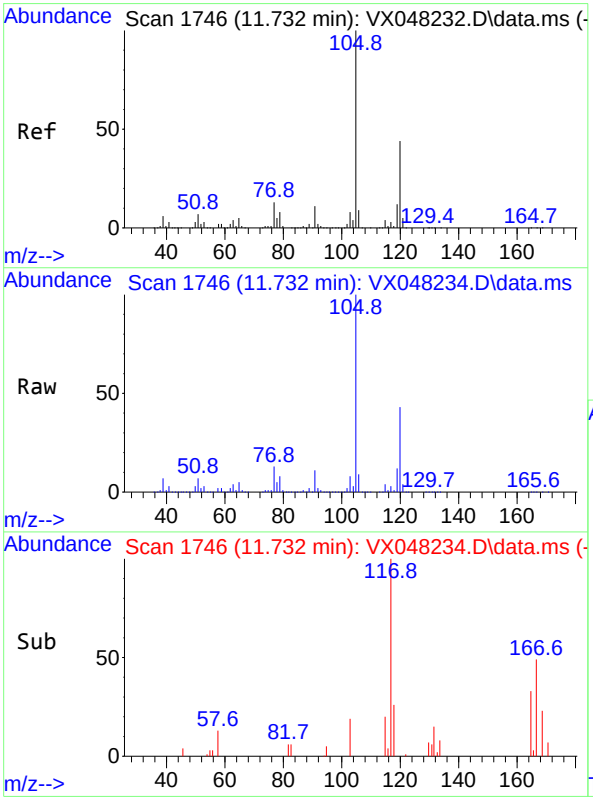

#83
tert-Butylbenzene
Concen: 153.261 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:119 Resp: 717642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 58.9 | 30.3 | 91.0 |
| 134 | 22.3 | 11.4 | 34.2 |

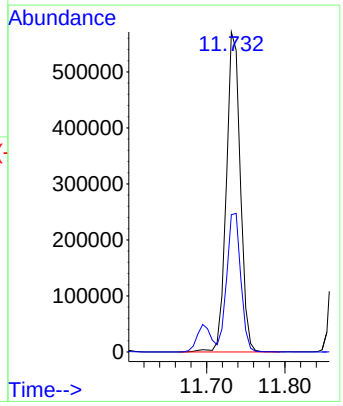


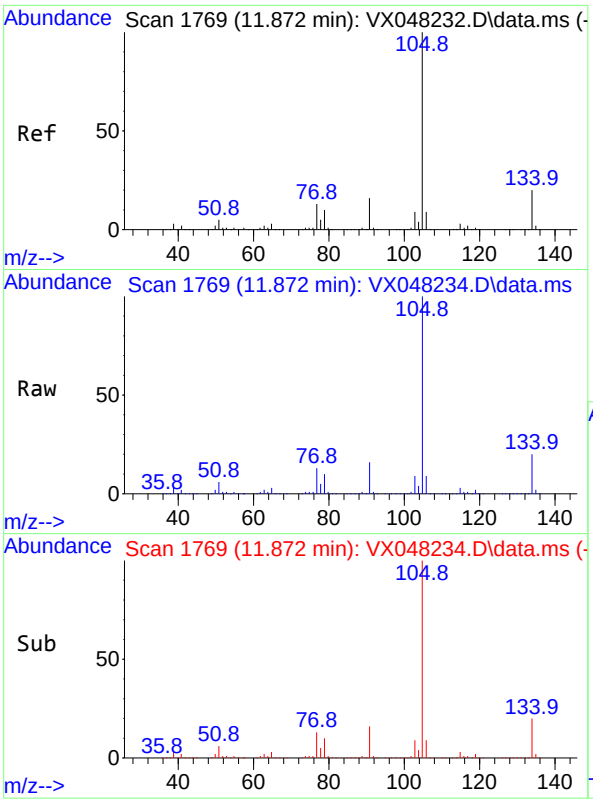




#84
1,2,4-Trimethylbenzene
Concen: 155.464 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 707074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 22.1 | 66.5 |



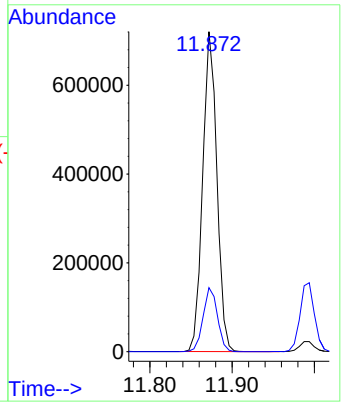


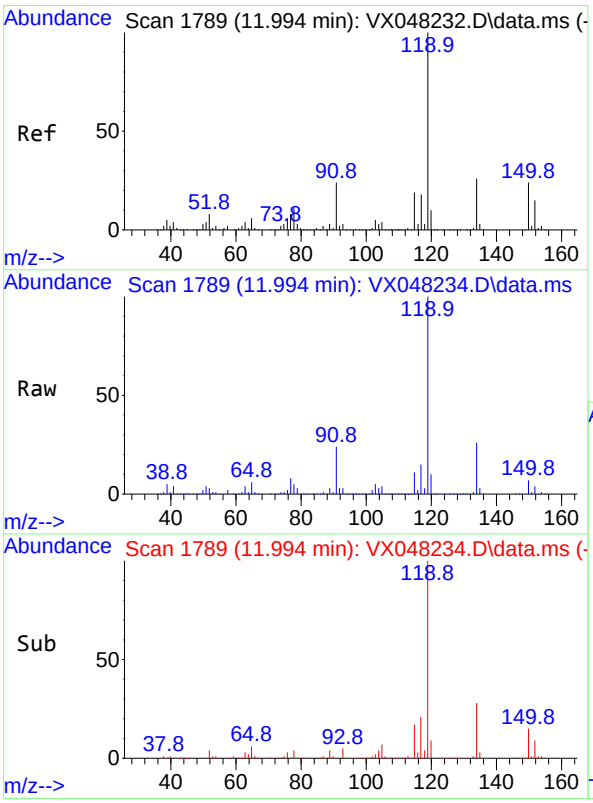

#85
sec-Butylbenzene
Concen: 152.918 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:105 Resp: 861466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.3 | 10.1 | 30.1 |

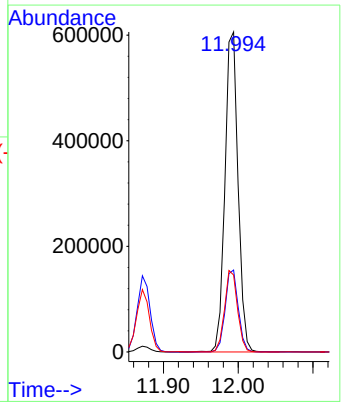


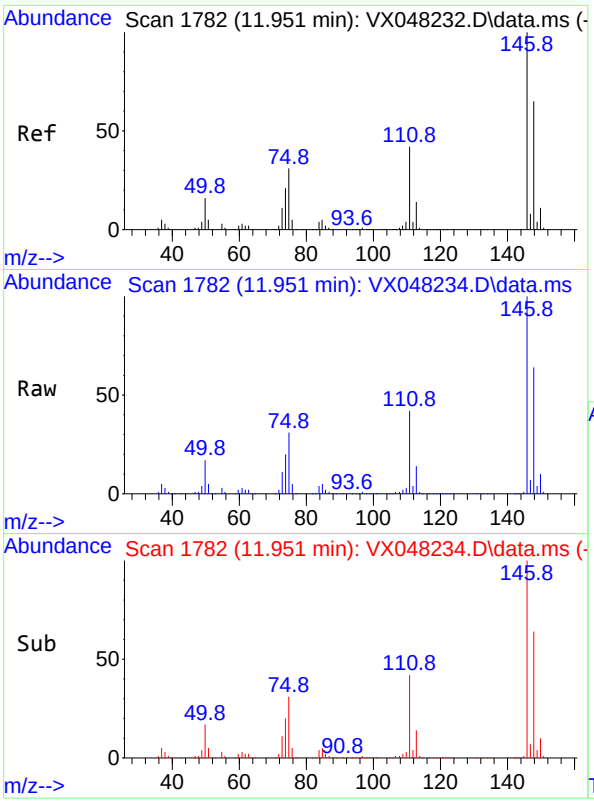




#86
p-Isopropyltoluene
Concen: 151.662 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:119 Resp: 738496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 13.0 | 39.0 |
| 91 | 25.1 | 12.1 | 36.3 |



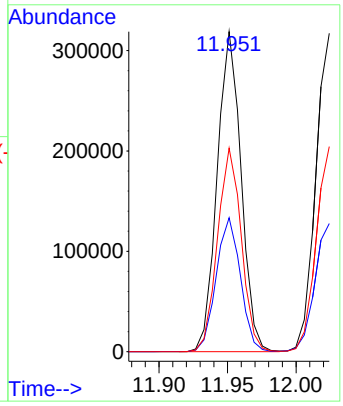


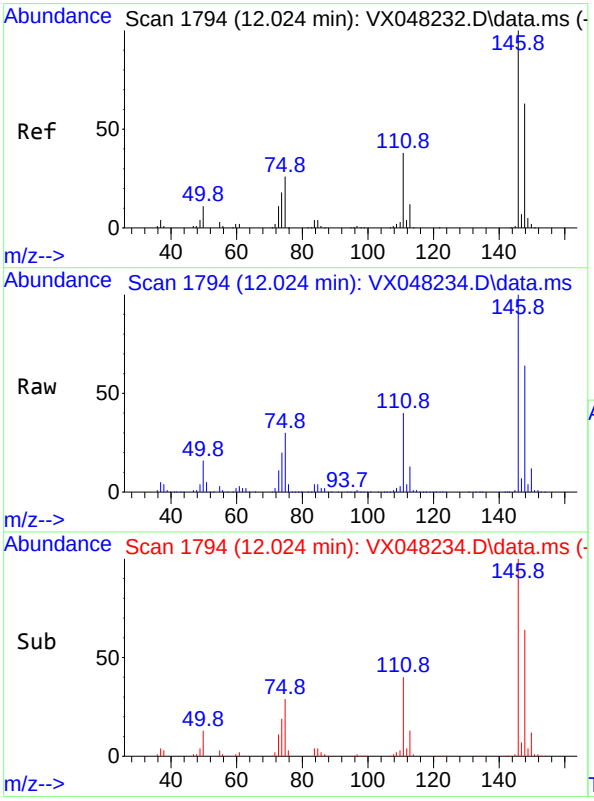

#87
1,3-Dichlorobenzene
Concen: 148.308 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:146 Resp: 386062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.7 | 20.4 | 61.2 |
| 148 | 63.5 | 31.9 | 95.9 |

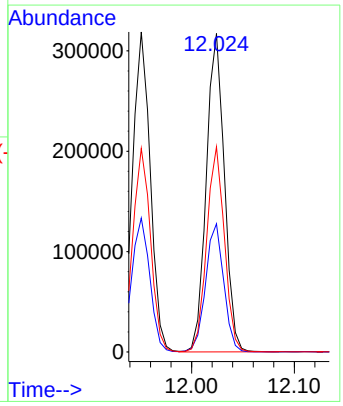


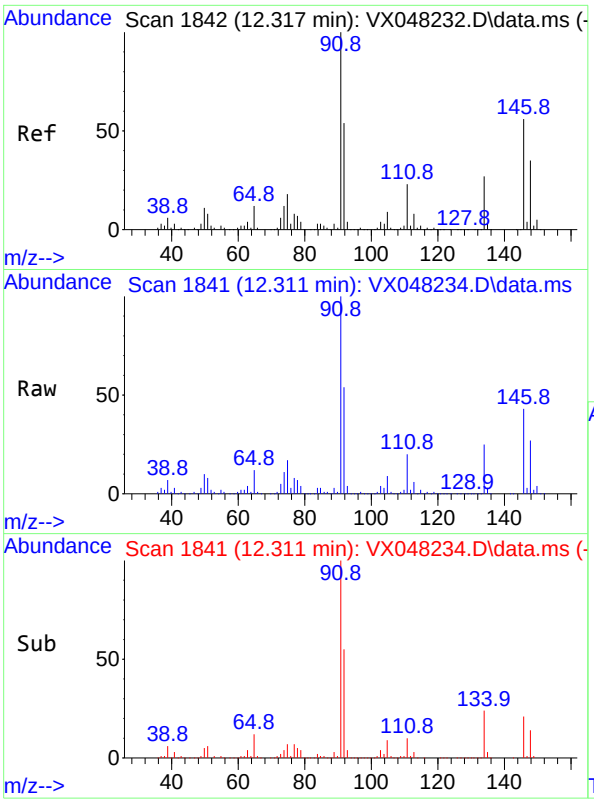




#88
1,4-Dichlorobenzene
Concen: 143.466 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:146 Resp: 386885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.1 | 60.2 |
| 148 | 63.4 | 31.8 | 95.3 |



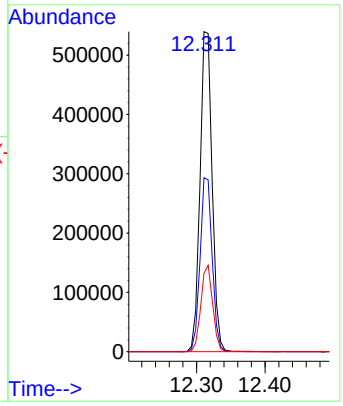


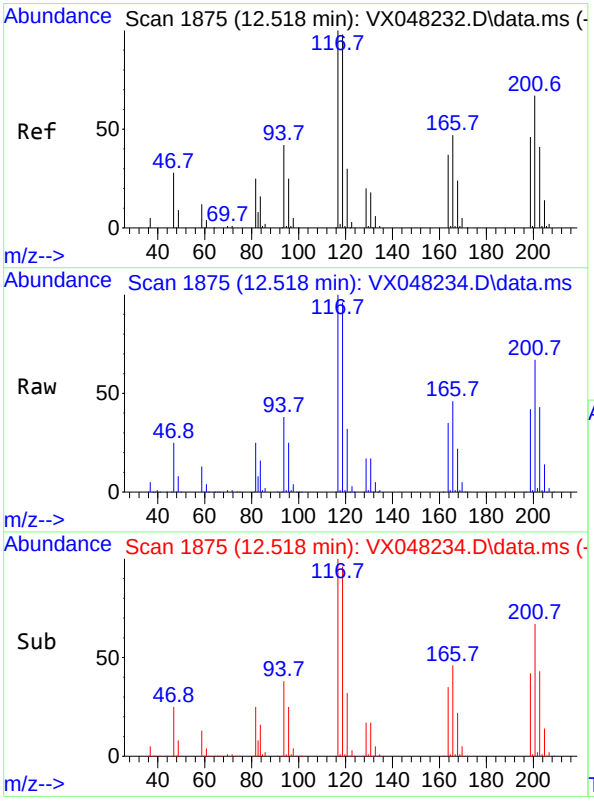

#89
n-Butylbenzene
Concen: 149.834 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 664071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.4 | 26.9 | 80.6 |
| 134 | 26.3 | 12.7 | 38.1 |

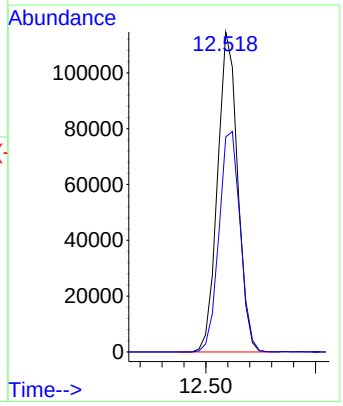


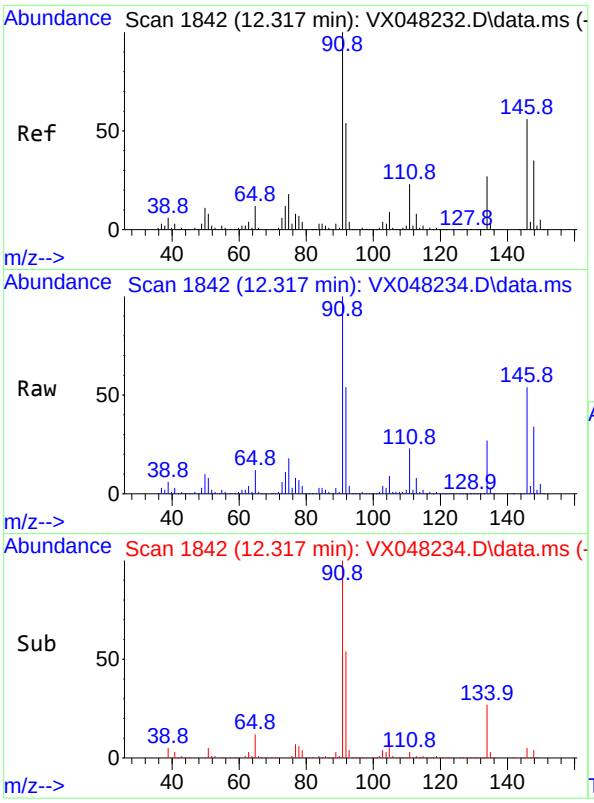




#90
Hexachloroethane
Concen: 151.639 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 145813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 73.0 | 34.1 | 102.2 |



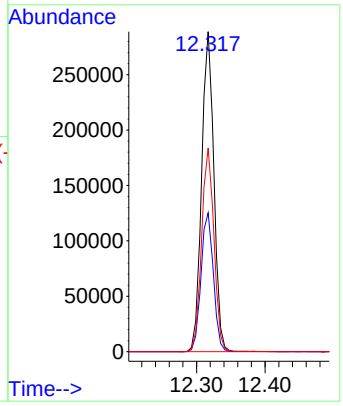


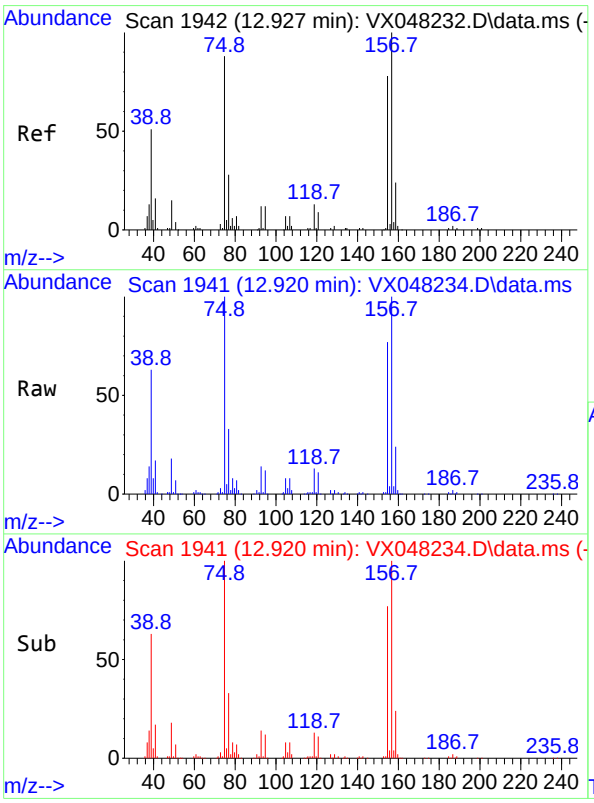

#91
1,2-Dichlorobenzene
Concen: 147.003 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:146 Resp: 359278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.8 | 21.9 | 65.5 |
| 148 | 64.4 | 31.9 | 95.5 |

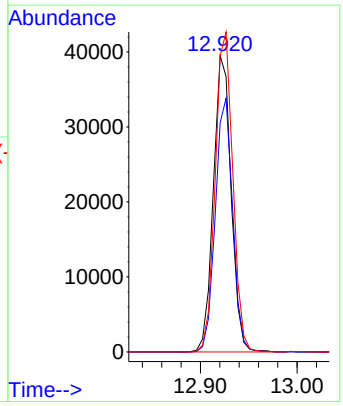


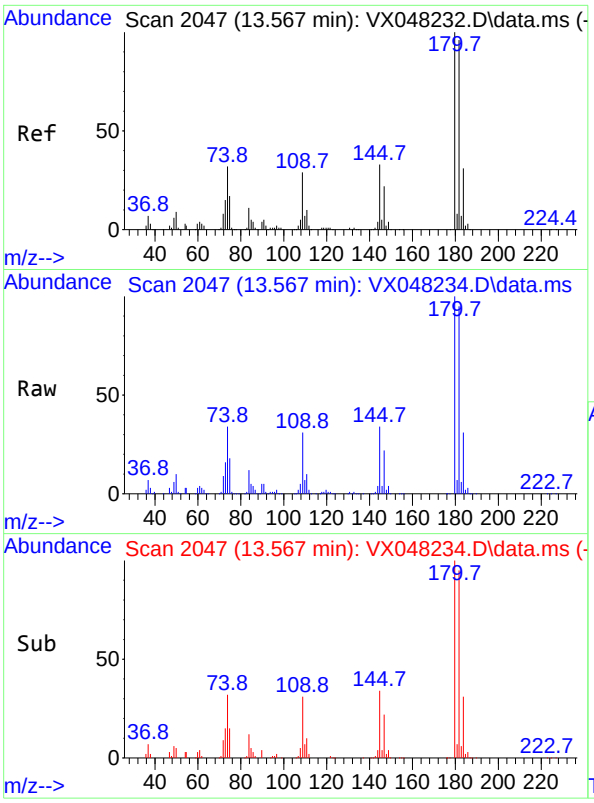




#92
1,2-Dibromo-3-Chloropropane
Concen: 164.993 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 50367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.7 | 42.8 | 128.4 |
| 157 | 106.9 | 54.2 | 162.6 |



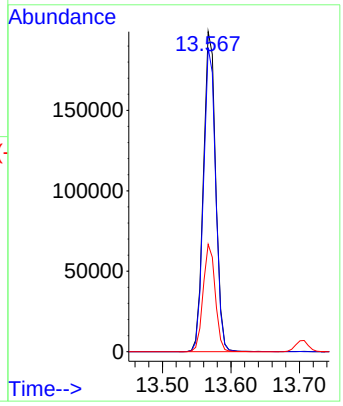


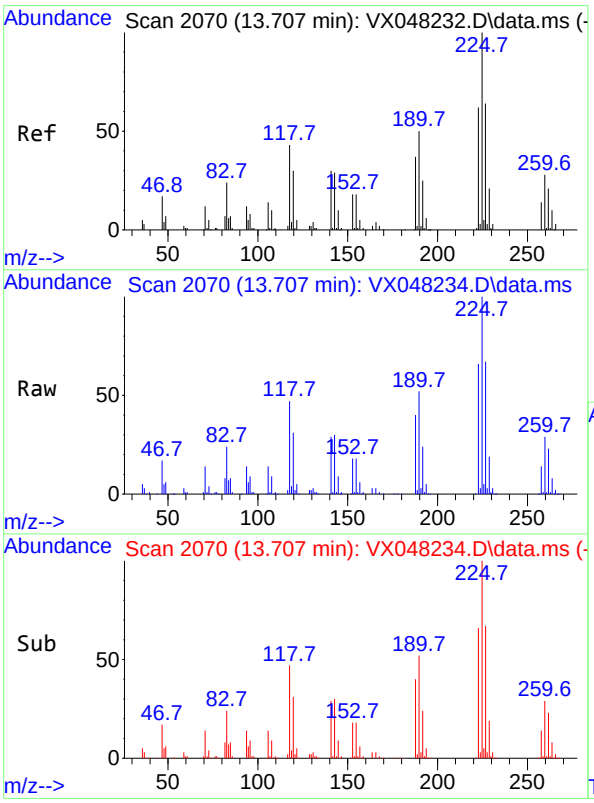

#93
1,2,4-Trichlorobenzene
Concen: 149.729 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:180 Resp: 247472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 47.3 | 142.0 |
| 145 | 33.2 | 16.3 | 48.9 |

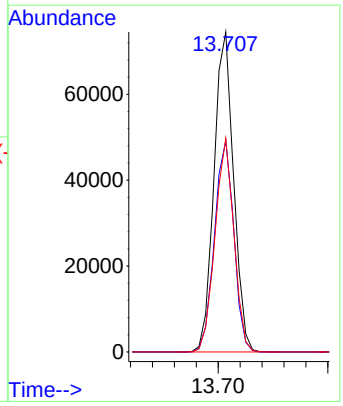


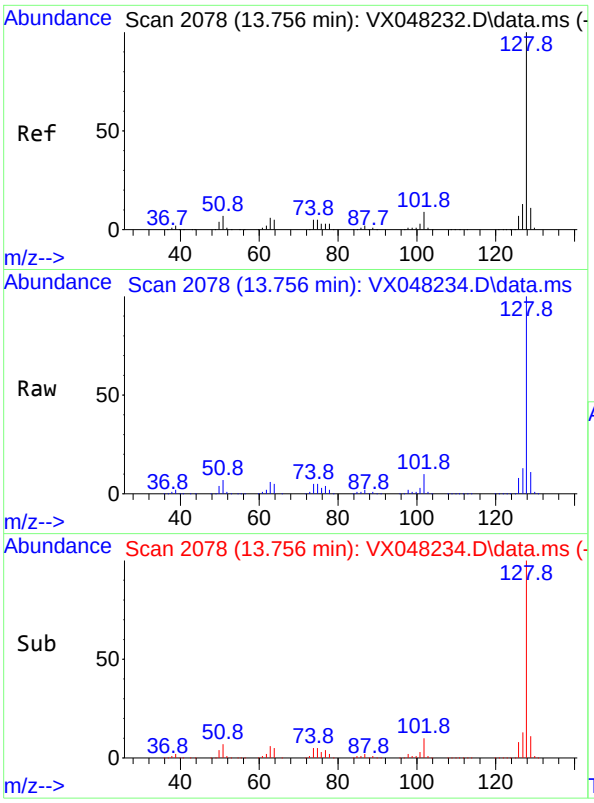




#94
Hexachlorobutadiene
Concen: 149.152 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:225 Resp: 92458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.2 | 32.6 | 97.7 |
| 227 | 64.3 | 32.5 | 97.4 |



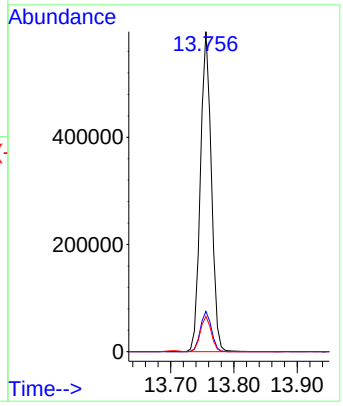


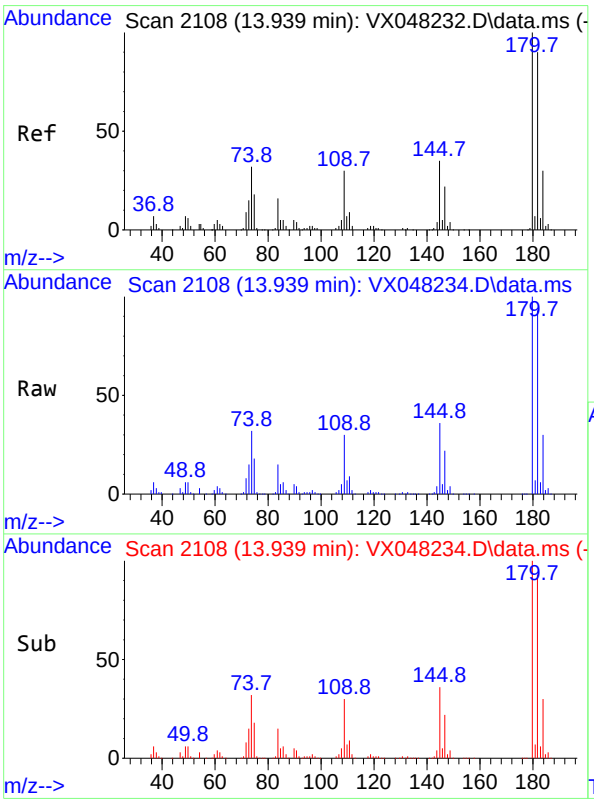

#95
Naphthalene
Concen: 164.296 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

Tgt Ion:128 Resp: 719433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.2 | 15.4 |
| 129 | 11.0 | 8.6 | 12.8 |

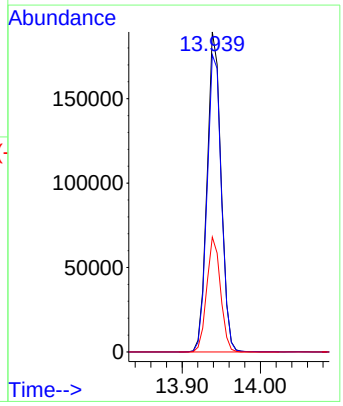



#96
1,2,3-Trichlorobenzene
Concen: 154.069 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:180 Resp: 233671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 46.6 | 139.7 |
| 145 | 35.4 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Pentafluorobenzene | 5.537 | 168 | 138374 | 50.000 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.751 | 114 | 228619 | 50.000 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 208481 | 50.000 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 105998 | 50.000 | ug/l | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 10036 | 5.173 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 10.340%# | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 7733 | 4.955 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 9.900%# | | | |
| 50) Toluene-d8 | 8.634 | 98 | 27914 | 5.102 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 10.200%# | | | |
| 62) 4-Bromofluorobenzene | 11.067 | 95 | 11429 | 5.492 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 10.980%# | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 7219 | 5.075 | ug/l | | 93 |
| 3) Chloromethane | 1.300 | 50 | 7032 | 5.296 | ug/l | | 95 |
| 4) Vinyl Chloride | 1.380 | 62 | 6338 | 5.155 | ug/l | | 98 |
| 5) Bromomethane | 1.611 | 94 | 4789 | 5.739 | ug/l | | 99 |
| 6) Chloroethane | 1.691 | 64 | 3610 | 4.997 | ug/l | | 99 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 12170 | 5.161 | ug/l | | 96 |
| 8) Diethyl Ether | 2.136 | 74 | 3283 | 4.948 | ug/l | | 87 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 7656 | 5.127 | ug/l | | 92 |
| 10) Methyl Iodide | 2.453 | 142 | 7871 | 4.193 | ug/l | | 98 |
| 11) Tert butyl alcohol | 2.940 | 59 | 5994 | 31.117 | ug/l | # | 80 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 7107 | 4.892 | ug/l | | 91 |
| 13) Acrolein | 2.233 | 56 | 5456 | 27.772 | ug/l | | 96 |
| 14) Allyl chloride | 2.666 | 41 | 11531 | 4.781 | ug/l | | 96 |
| 15) Acrylonitrile | 3.062 | 53 | 16982 | 24.449 | ug/l | | 97 |
| 16) Acetone | 2.373 | 43 | 18141 | 27.256 | ug/l | | 100 |
| 17) Carbon Disulfide | 2.520 | 76 | 23369 | 5.104 | ug/l | | 96 |
| 18) Methyl Acetate | 2.703 | 43 | 6418 | 4.617 | ug/l | | 98 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 22931 | 4.627 | ug/l | | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 8228 | 5.074 | ug/l | # | 81 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 8343 | 5.228 | ug/l | | 94 |
| 22) Diisopropyl ether | 3.757 | 45 | 23533 | 4.892 | ug/l | # | 97 |
| 23) Vinyl Acetate | 3.721 | 43 | 91771 | 23.881 | ug/l | # | 90 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 14582 | 5.013 | ug/l | # | 97 |
| 25) 2-Butanone | 4.550 | 43 | 21808 | 25.887 | ug/l | # | 89 |
| 26) 2,2-Dichloropropane | 4.471 | 77 | 13077 | 4.981 | ug/l | | 99 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 9312 | 5.000 | ug/l | | 96 |
| 28) Bromochloromethane | 4.885 | 49 | 6488 | 5.379 | ug/l | # | 89 |
| 29) Tetrahydrofuran | 4.995 | 42 | 12637 | 25.047 | ug/l | | 98 |
| 30) Chloroform | 5.086 | 83 | 15814 | 5.089 | ug/l | | 96 |
| 31) Cyclohexane | 5.458 | 56 | 11661 | 4.842 | ug/l | | 98 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 14399 | 5.027 | ug/l | | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 10855 | 4.893 | ug/l | | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 7759 | 4.220 | ug/l | # | 75 |
| 38) Carbon Tetrachloride | 5.672 | 117 | 14225 | 5.198 | ug/l | # | 81 |
| 39) Methylcyclohexane | 7.366 | 83 | 13491 | 5.149 | ug/l | | 97 |
| 40) Benzene | 6.031 | 78 | 32115 | 4.986 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.910 | 41 | 2340 | 2.423 ug/l # | 38 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 11412 | 4.802 ug/l | 100 |
| 43) Isopropyl Acetate | 6.330 | 43 | 13996 | 4.634 ug/l # | 93 |
| 44) Trichloroethene | 7.110 | 130 | 8373 | 4.923 ug/l | 93 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 7709 | 5.034 ug/l | 99 |
| 46) Dibromomethane | 7.568 | 93 | 6041 | 5.064 ug/l | 91 |
| 47) Bromodichloromethane | 7.811 | 83 | 12974 | 5.037 ug/l | 97 |
| 48) Methyl methacrylate | 7.683 | 41 | 6863 | 4.503 ug/l | 94 |
| 49) 1,4-Dioxane | 7.659 | 88 | 2020 | 100.322 ug/l | 97 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 42725 | 24.534 ug/l | 97 |
| 52) Toluene | 8.708 | 92 | 21137 | 5.166 ug/l | 97 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 12015 | 4.840 ug/l | 98 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 12702 | 4.743 ug/l | 90 |
| 55) 1,1,2-Trichloroethane | 9.140 | 97 | 8113 | 5.332 ug/l | 91 |
| 56) Ethyl methacrylate | 9.104 | 69 | 10320 | 4.637 ug/l | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 13087 | 5.035 ug/l | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.232 | 63 | 20764 | 18.931 ug/l | 98 |
| 59) 2-Hexanone | 9.415 | 43 | 30949 | 25.488 ug/l | 96 |
| 60) Dibromochloromethane | 9.506 | 129 | 10082 | 4.930 ug/l | 99 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 8079 | 4.980 ug/l | 100 |
| 64) Tetrachloroethene | 9.256 | 164 | 8020 | 5.153 ug/l | 92 |
| 65) Chlorobenzene | 10.061 | 112 | 23873 | 5.090 ug/l | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 8450 | 4.905 ug/l | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 39121 | 4.899 ug/l | 96 |
| 68) m/p-Xylenes | 10.287 | 106 | 30310 | 10.217 ug/l | 97 |
| 69) o-Xylene | 10.628 | 106 | 14262 | 4.979 ug/l | 98 |
| 70) Styrene | 10.640 | 104 | 24289 | 4.980 ug/l | 98 |
| 71) Bromoform | 10.780 | 173 | 6766 | 4.915 ug/l # | 96 |
| 73) Isopropylbenzene | 10.945 | 105 | 37935 | 4.900 ug/l | 99 |
| 74) N-amyl acetate | 10.829 | 43 | 12188 | 4.438 ug/l | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 10324 | 4.883 ug/l | 98 |
| 76) 1,2,3-Trichloropropane | 11.225 | 75 | 10217 | 5.944 ug/l | 91 |
| 77) Bromobenzene | 11.183 | 156 | 9508 | 4.898 ug/l | 94 |
| 78) n-propylbenzene | 11.286 | 91 | 44189 | 4.930 ug/l | 99 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 26627 | 4.899 ug/l | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 30618 | 4.779 ug/l | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 3038 | 4.300 ug/l | 96 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 31357 | 4.860 ug/l | 97 |
| 83) tert-Butylbenzene | 11.695 | 119 | 32297 | 4.906 ug/l | 96 |
| 84) 1,2,4-Trimethylbenzene | 11.731 | 105 | 31709 | 4.959 ug/l | 100 |
| 85) sec-Butylbenzene | 11.872 | 105 | 39113 | 4.939 ug/l | 99 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 34155 | 4.989 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 18546 | 5.068 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 18787 | 4.955 ug/l | 91 |
| 89) n-Butylbenzene | 12.317 | 91 | 30409 | 4.880 ug/l | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 6863 | 5.077 ug/l | 98 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 16849 | 4.904 ug/l | 98 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.926 | 75 | 1984 | 4.623 ug/l | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.573 | 180 | 10538 | 4.535 ug/l | 98 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 5113 | 5.931 ug/l | 96 |
| 95) Naphthalene | 13.756 | 128 | 26218 | 4.259 ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 13.944 | 180 | 10040 | 4.709 ug/l | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

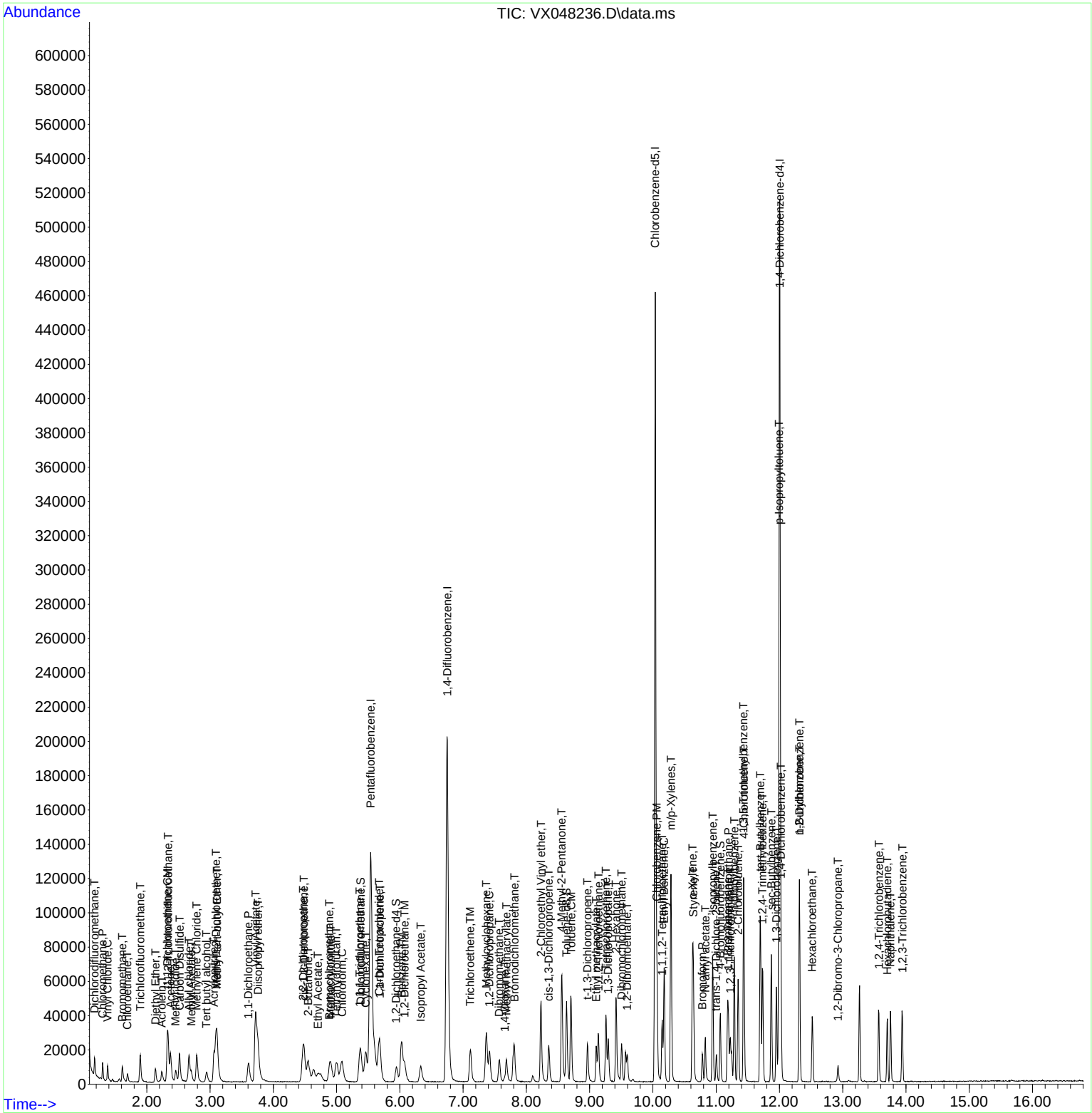
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

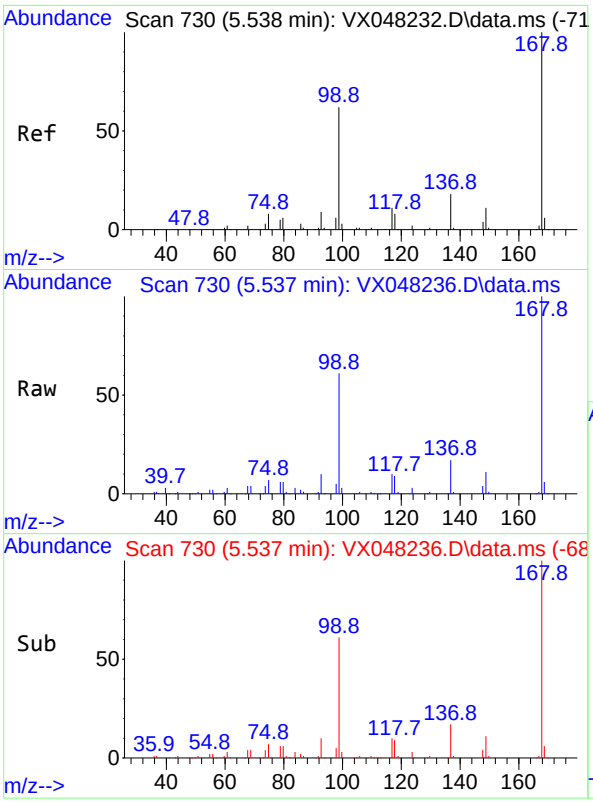
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



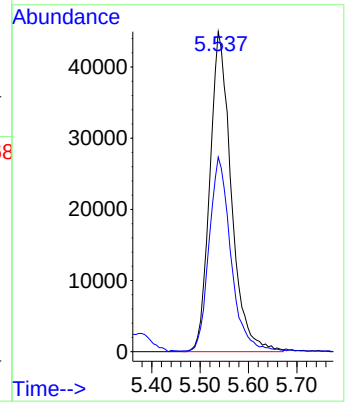


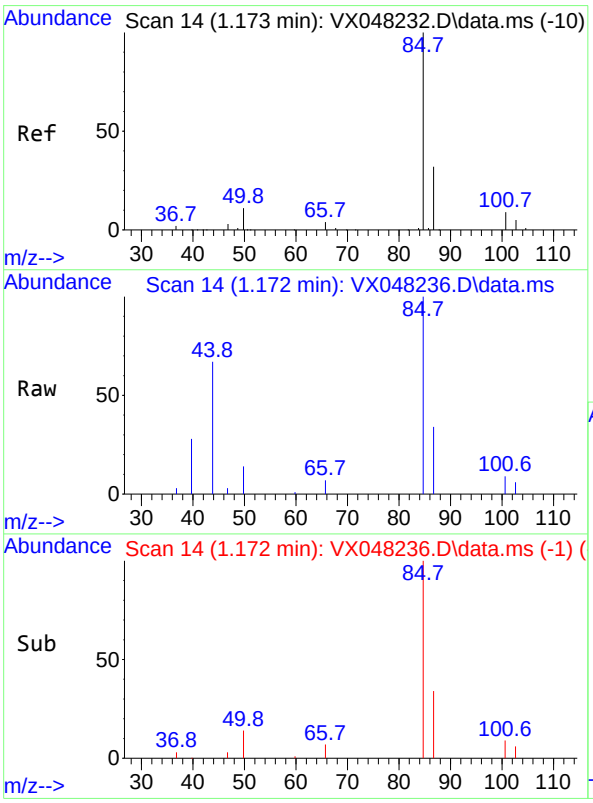

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:168 Resp: 138374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.5 | 46.4 | 69.6 |

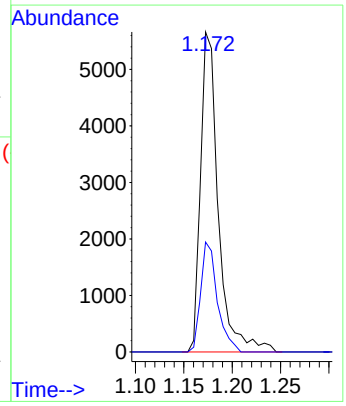


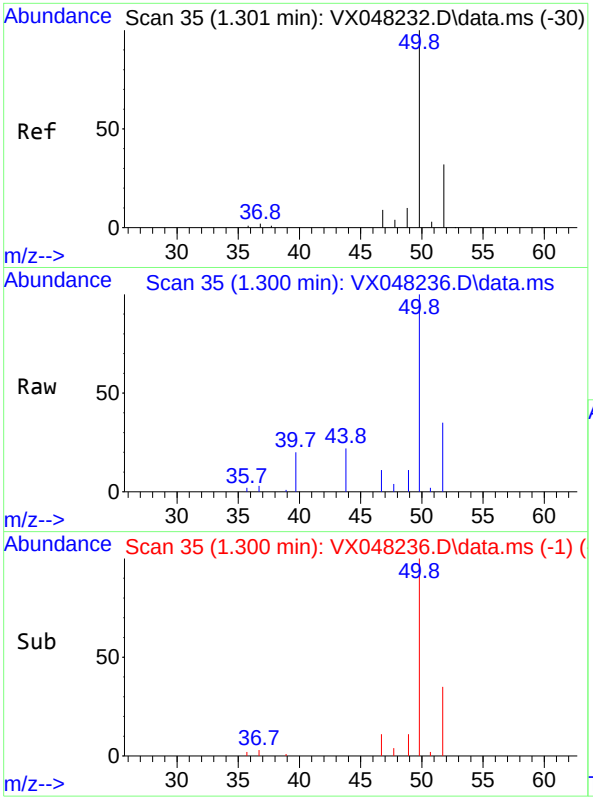




#2
Dichlorodifluoromethane
Concen: 5.075 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 85 Resp: 7219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.3 | 15.3 | 45.9 |



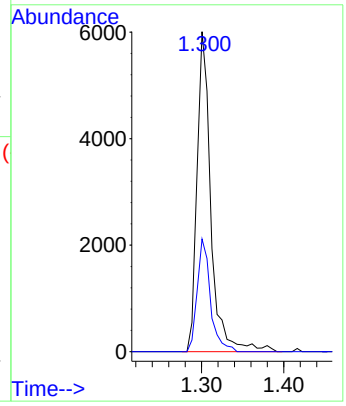


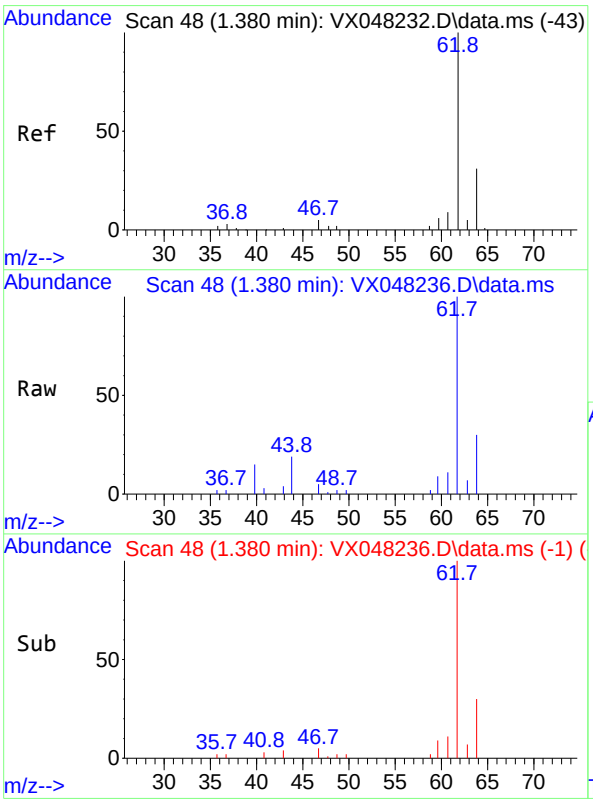

#3
Chloromethane
Concen: 5.296 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 50 Resp: 7032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.2 | 25.9 | 38.9 |

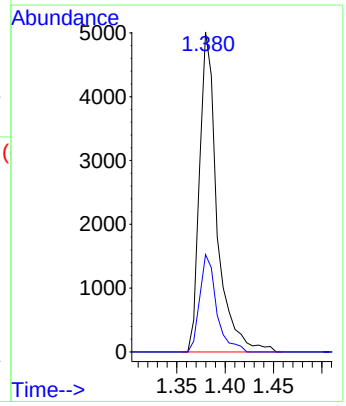


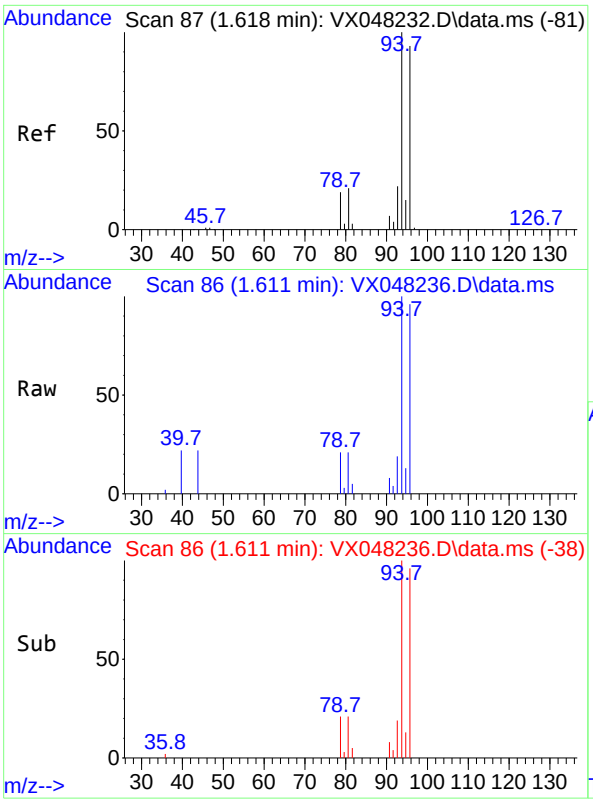




#4
Vinyl Chloride
Concen: 5.155 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 6338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.5 | 25.1 | 37.7 |



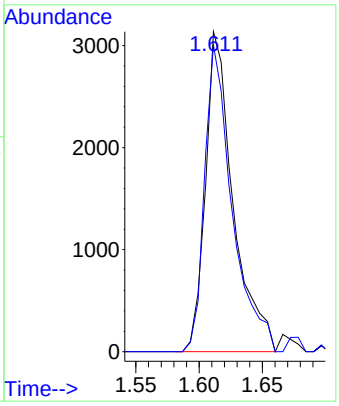


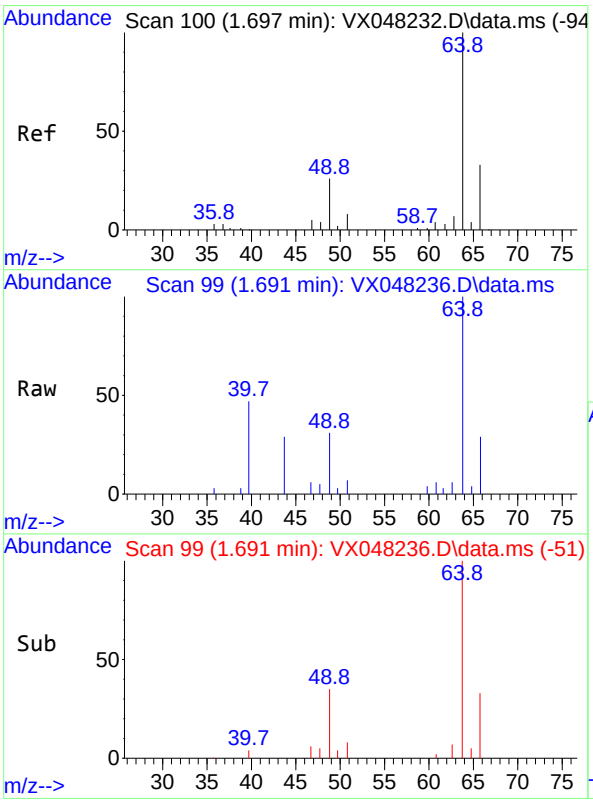

#5
Bromomethane
Concen: 5.739 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 94 Resp: 4789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.8 | 76.0 | 114.0 |

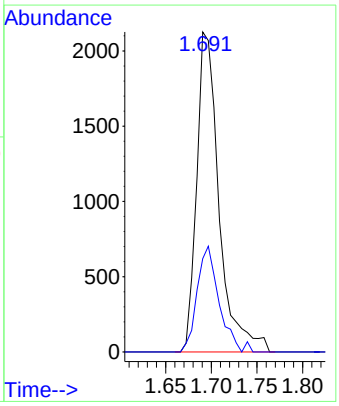


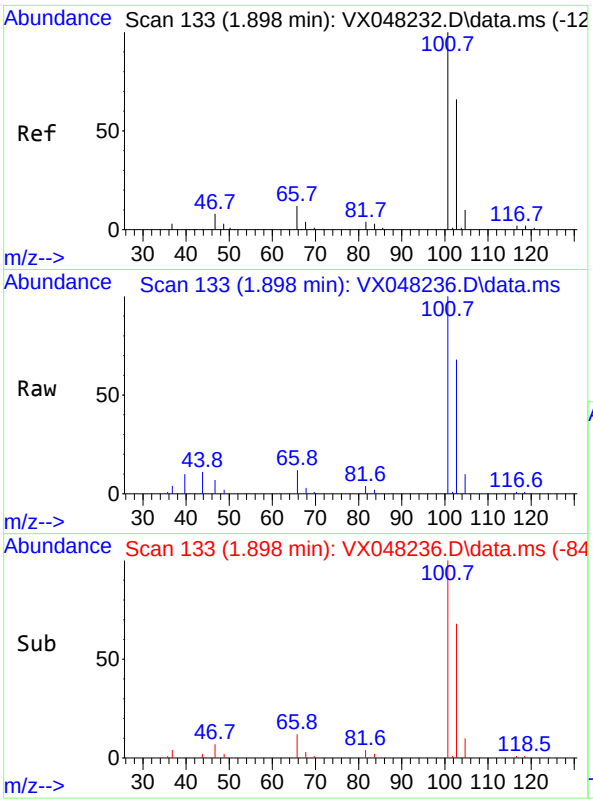




#6
Chloroethane
Concen: 4.997 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 64 Resp: 3610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.2 | 23.9 | 35.9 |



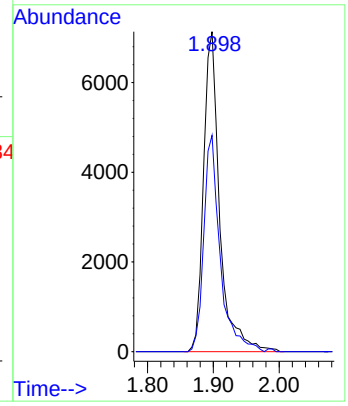


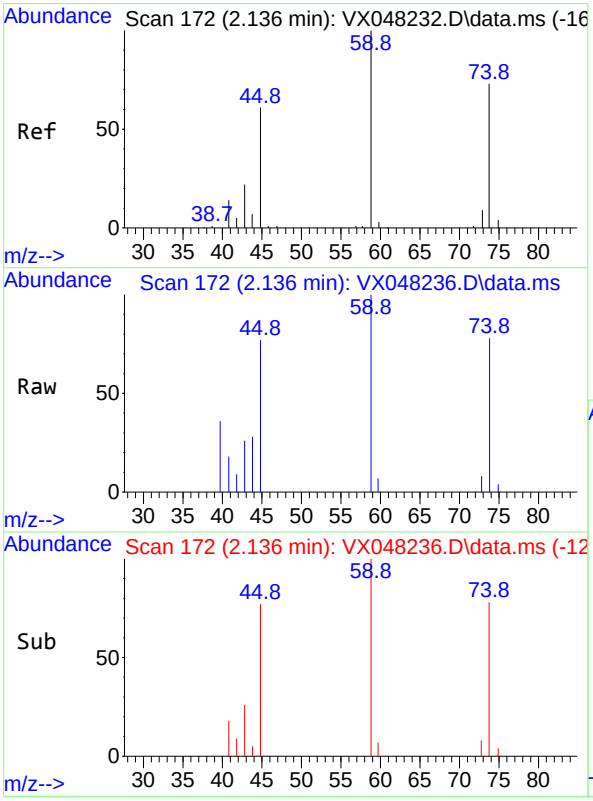

#7
Trichlorofluoromethane
Concen: 5.161 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 12170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 67.6 | 51.6 | 77.4 |

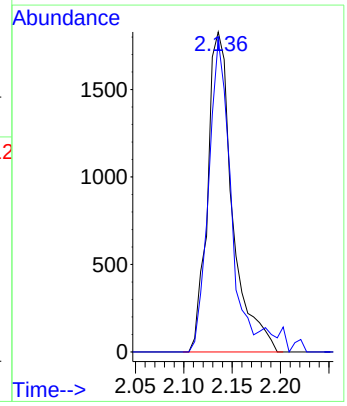


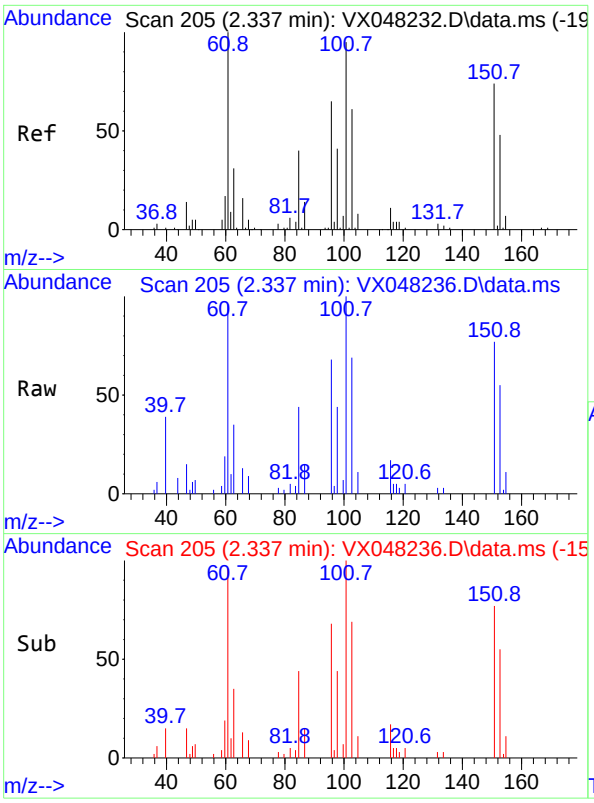




#8
Diethyl Ether
Concen: 4.948 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 74 Resp: 3283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 86.7 | 50.0 | 149.8 |



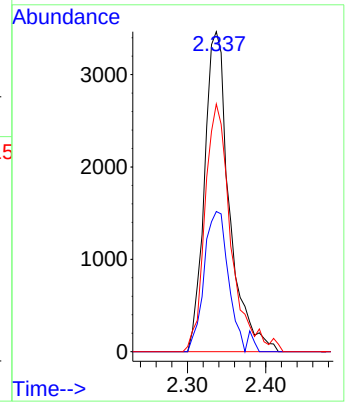


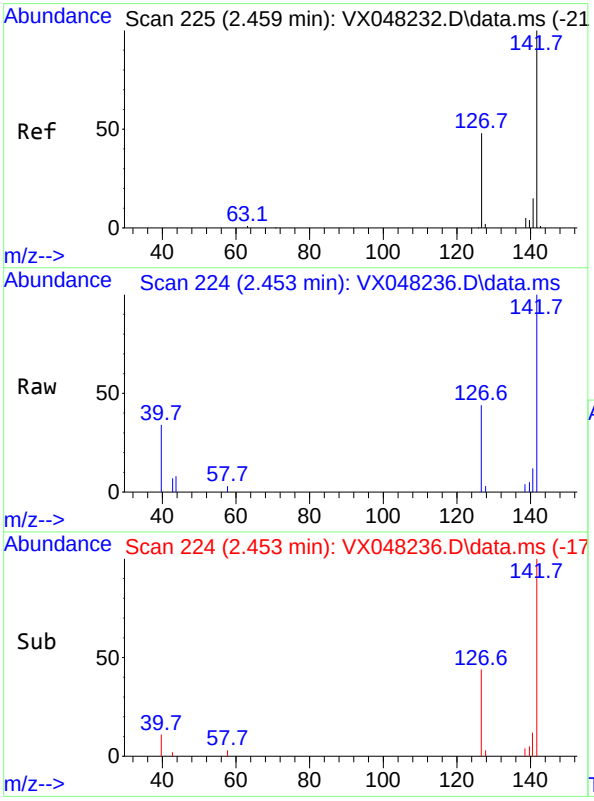

#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.127 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 7656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.4 | 35.6 | 53.4 |
| 151 | 81.0 | 58.0 | 87.0 |

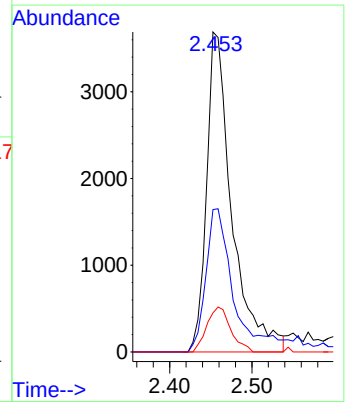


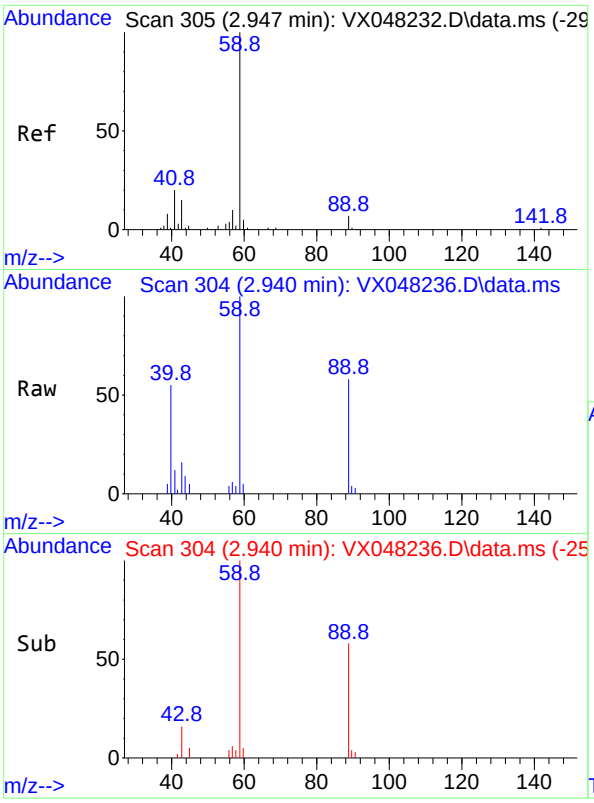




#10
Methyl Iodide
Concen: 4.193 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:142 Resp: 7871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.9 | 38.5 | 57.7 |
| 141 | 13.3 | 11.6 | 17.4 |



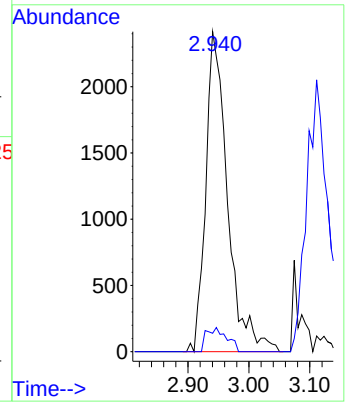


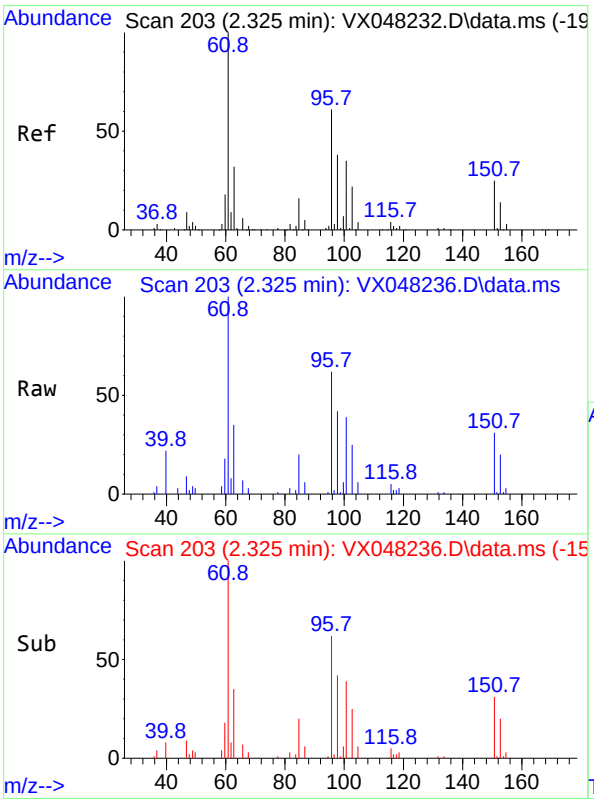

#11
Tert butyl alcohol
Concen: 31.117 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 59 Resp: 5994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 2.8 | 8.2 | 12.4# |

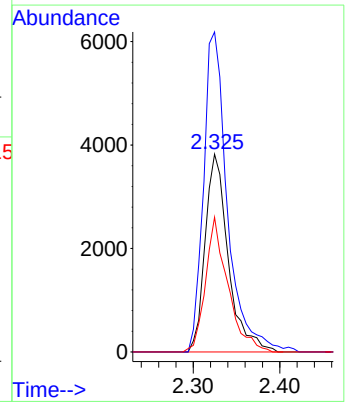


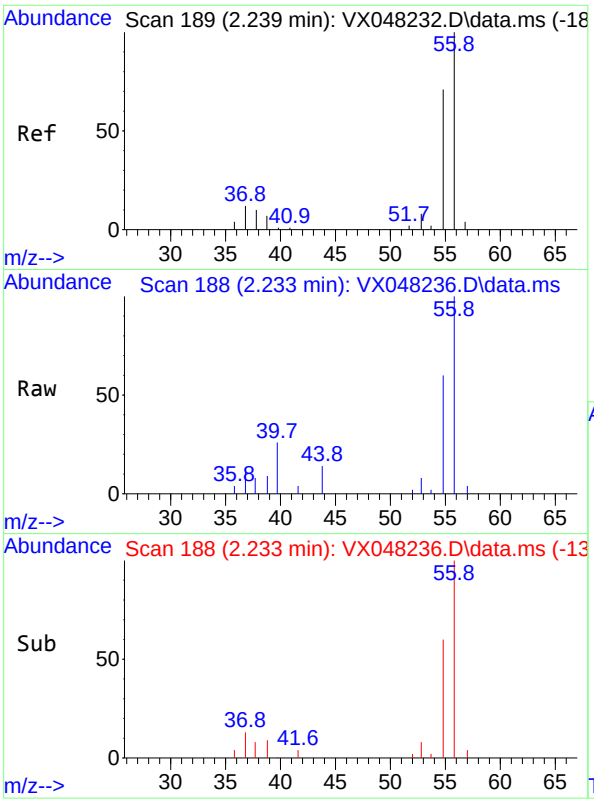




#12
1,1-Dichloroethene
Concen: 4.892 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 96 Resp: 7107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.9 | 139.0 | 208.6 |
| 98 | 66.1 | 52.4 | 78.6 |



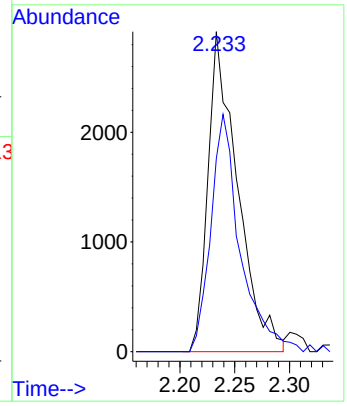


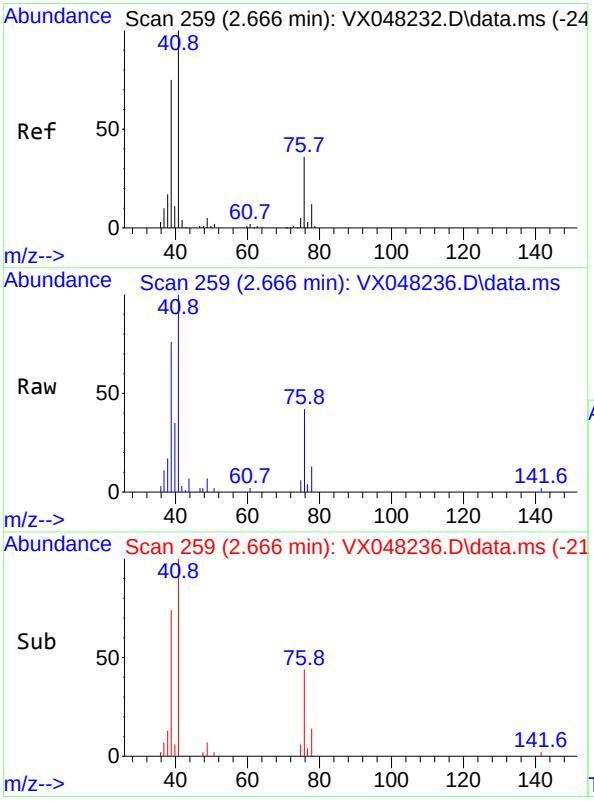

#13
Acrolein
Concen: 27.772 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 56 Resp: 5456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 73.7 | 56.1 | 84.1 |

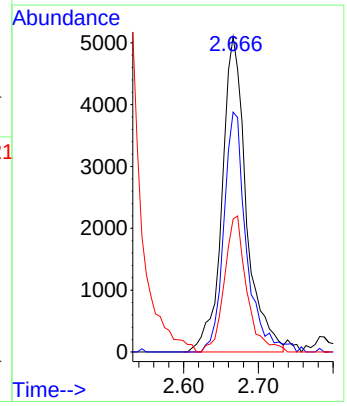


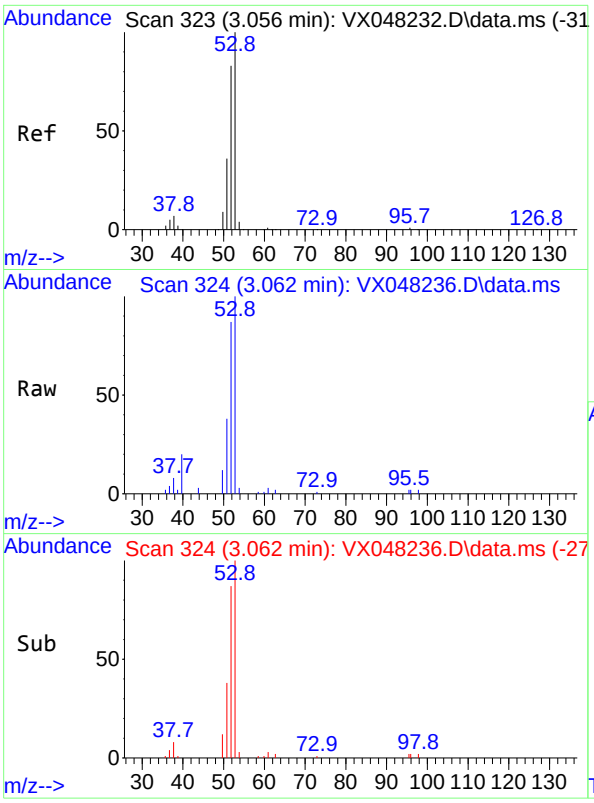




#14
Allyl chloride
Concen: 4.781 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 11531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 71.2 | 56.0 | 84.0 |
| 76 | 39.7 | 27.5 | 41.3 |



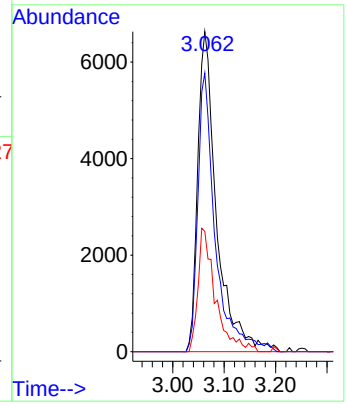


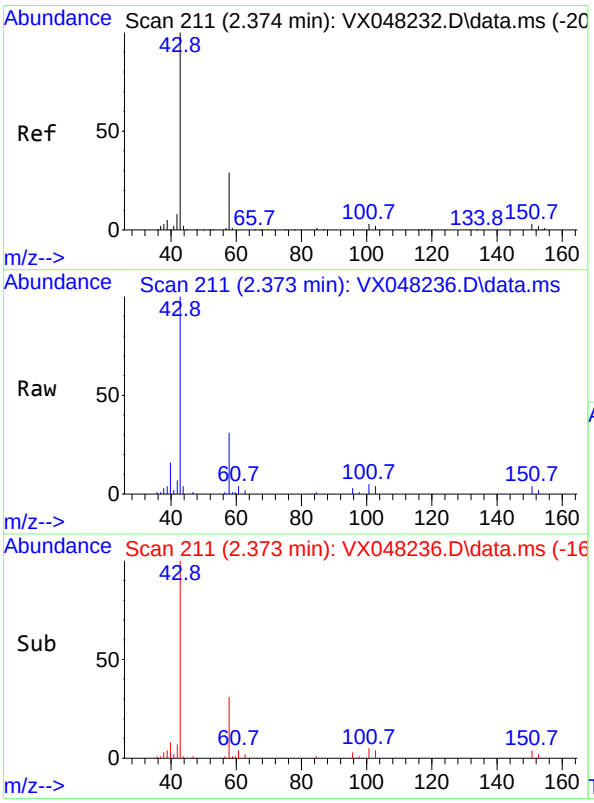

#15
Acrylonitrile
Concen: 24.449 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 53 Resp: 16982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.1 | 66.1 | 99.1 |
| 51 | 34.9 | 29.0 | 43.4 |

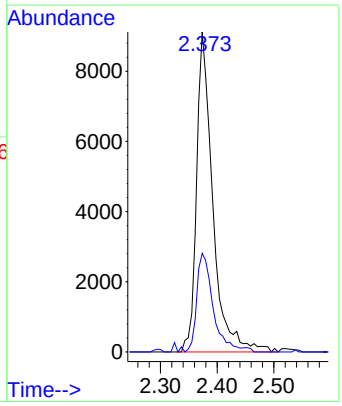


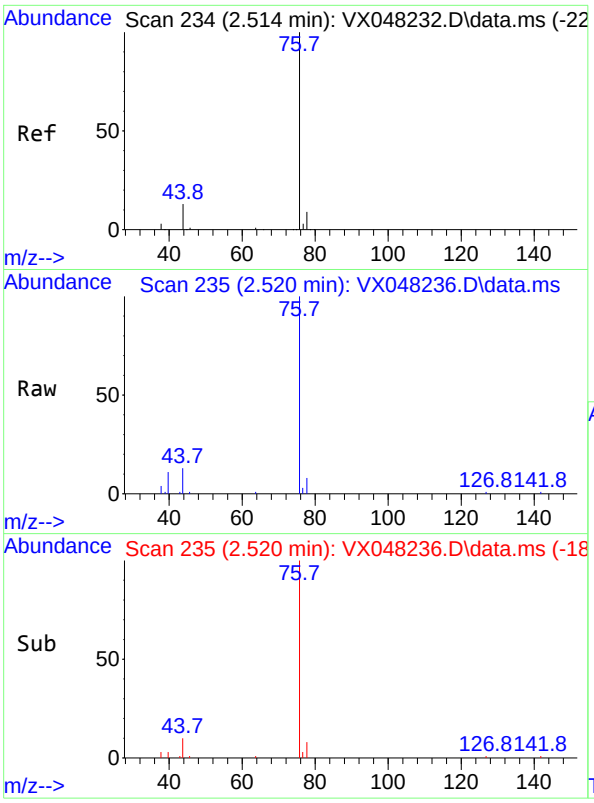




#16
Acetone
Concen: 27.256 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 18141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.5 | 23.4 | 35.2 |



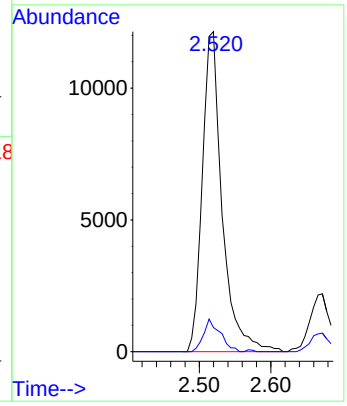


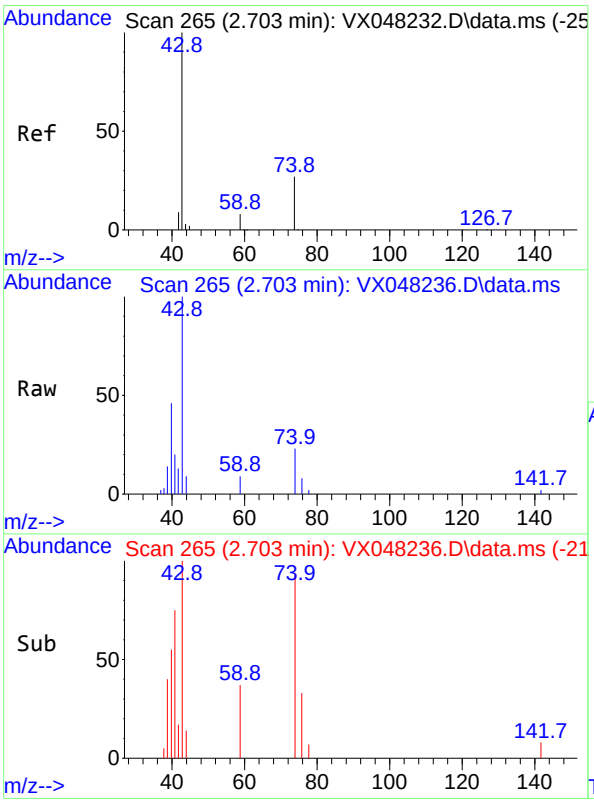

#17
Carbon Disulfide
Concen: 5.104 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 76 Resp: 23369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 7.3 | 7.1 | 10.7 |

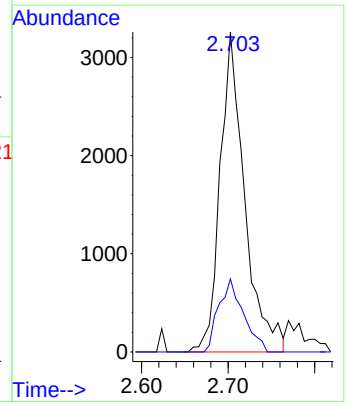


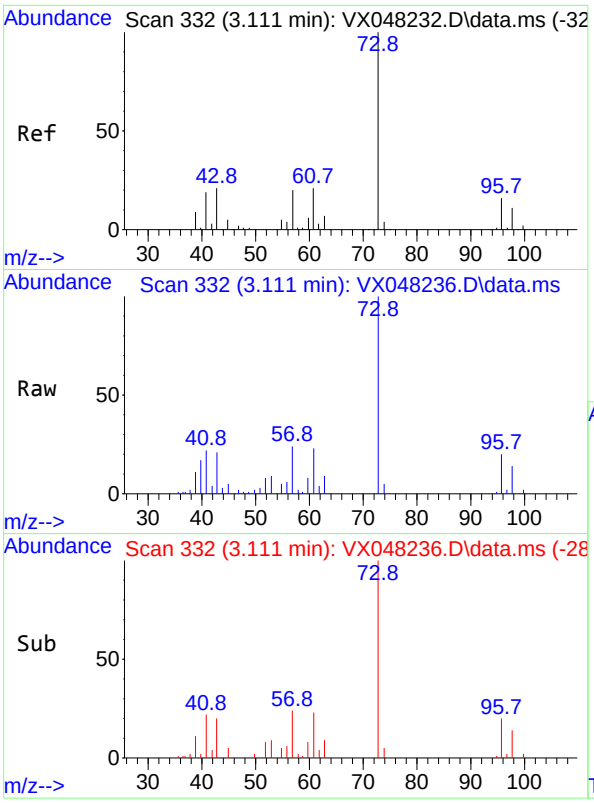




#18
Methyl Acetate
Concen: 4.617 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 6418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.0 | 17.5 | 26.3 |



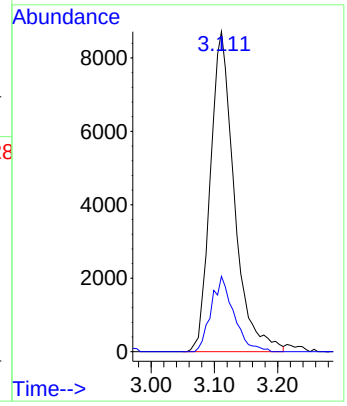


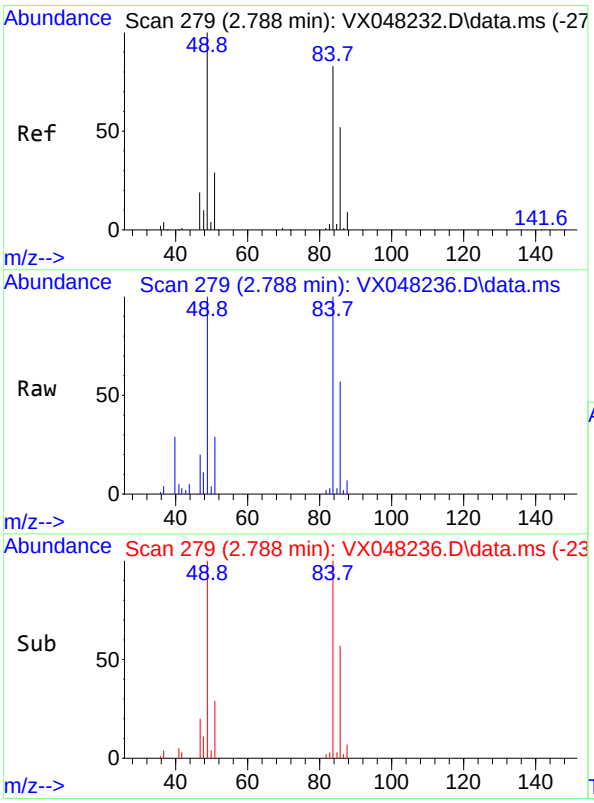

#19
Methyl tert-butyl Ether
Concen: 4.627 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 73 Resp: 22931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.6 | 17.7 | 26.5 |

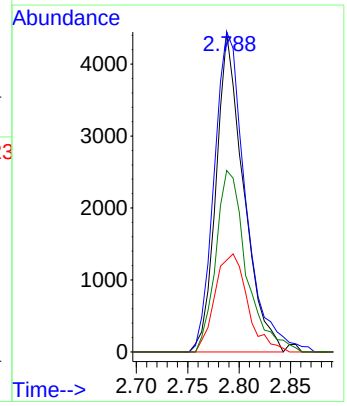


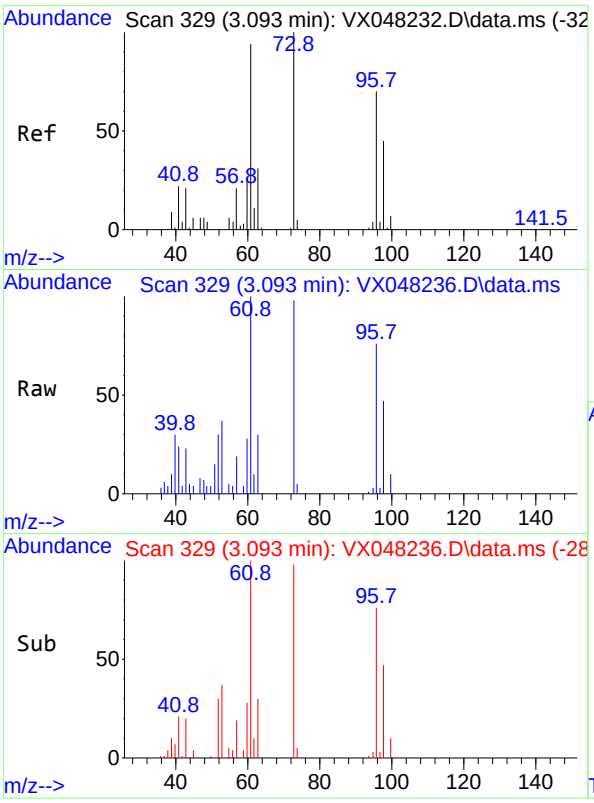




#20
Methylene Chloride
Concen: 5.074 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 84 Resp: 8228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 100.4 | 104.1 | 156.1# |
| 51 | 28.8 | 31.3 | 46.9# |
| 86 | 58.6 | 51.3 | 76.9 |



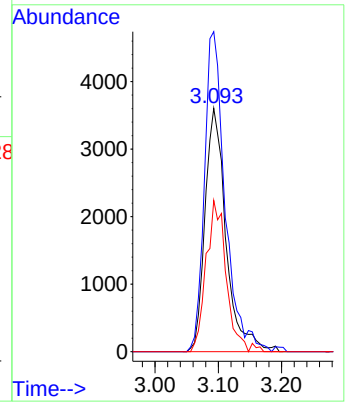


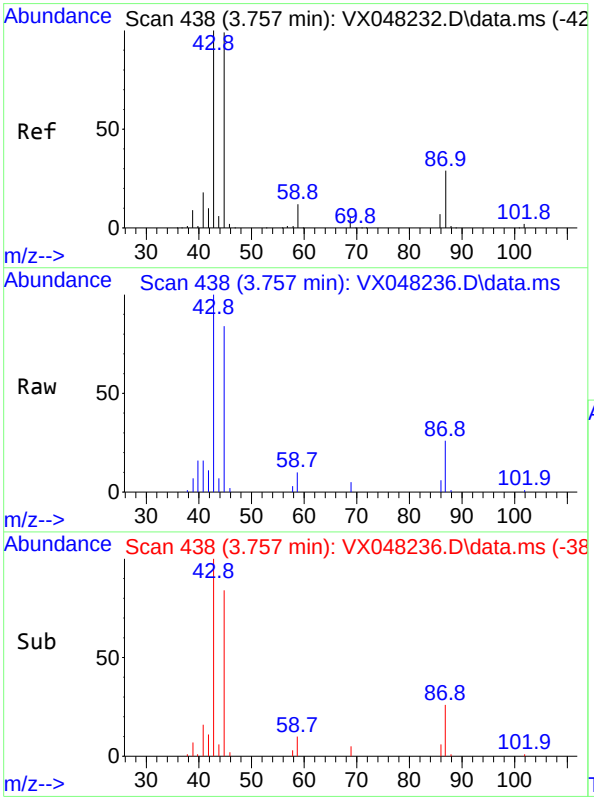

#21
trans-1,2-Dichloroethene
Concen: 5.228 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 8343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.5 | 111.9 | 167.9 |
| 98 | 62.1 | 51.2 | 76.8 |

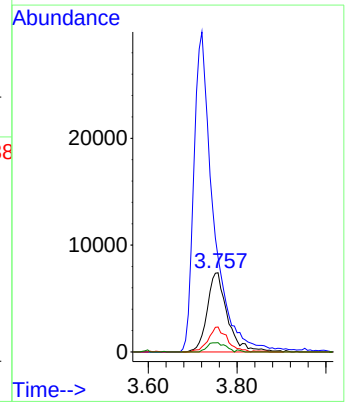


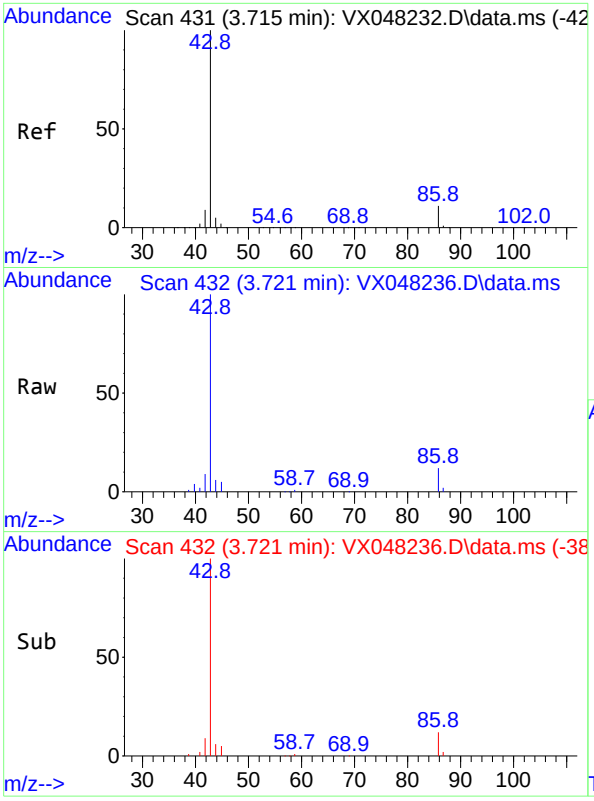




#22
Diisopropyl ether
Concen: 4.892 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 45 Resp: 23533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 113.3 | 89.8 | 134.8 |
| 87 | 31.5 | 20.6 | 31.0# |
| 59 | 11.7 | 9.1 | 13.7 |



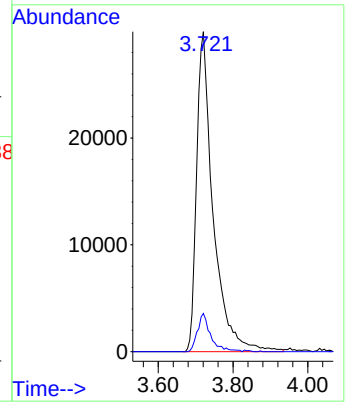


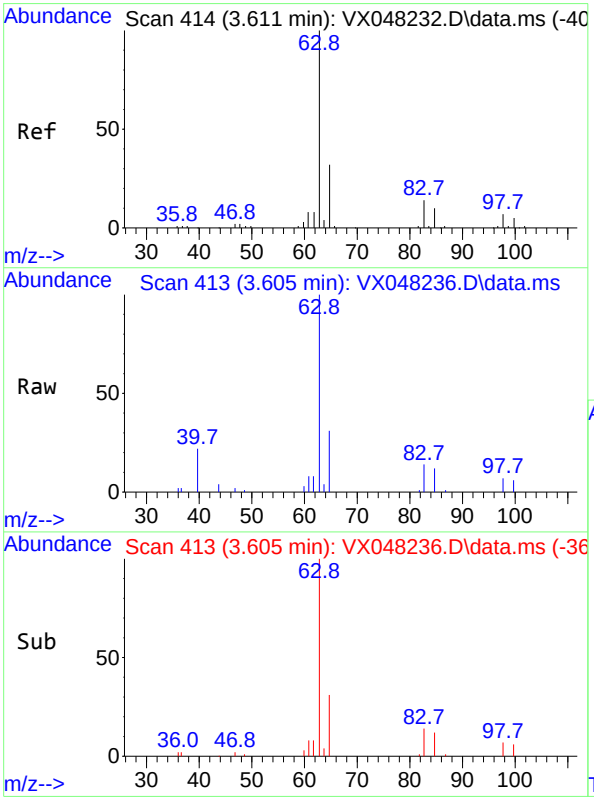

#23
Vinyl Acetate
Concen: 23.881 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 91771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 13.5 | 7.9 | 11.9# |

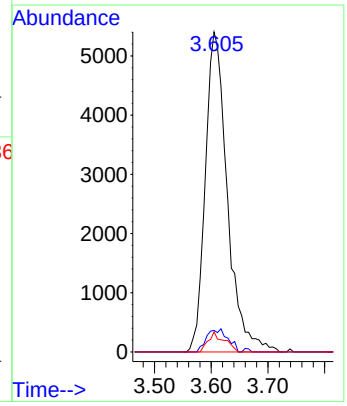


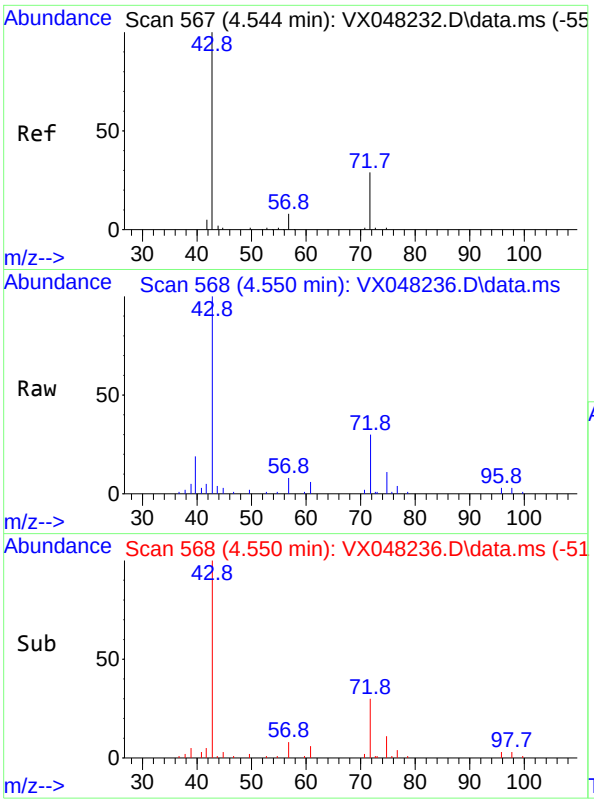




#24
1,1-Dichloroethane
Concen: 5.013 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 14582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.8 | 3.5 | 10.6 |
| 100 | 6.3 | 2.1 | 6.3# |



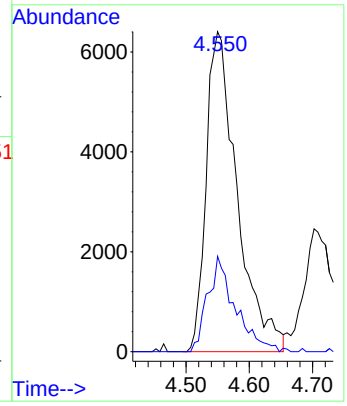


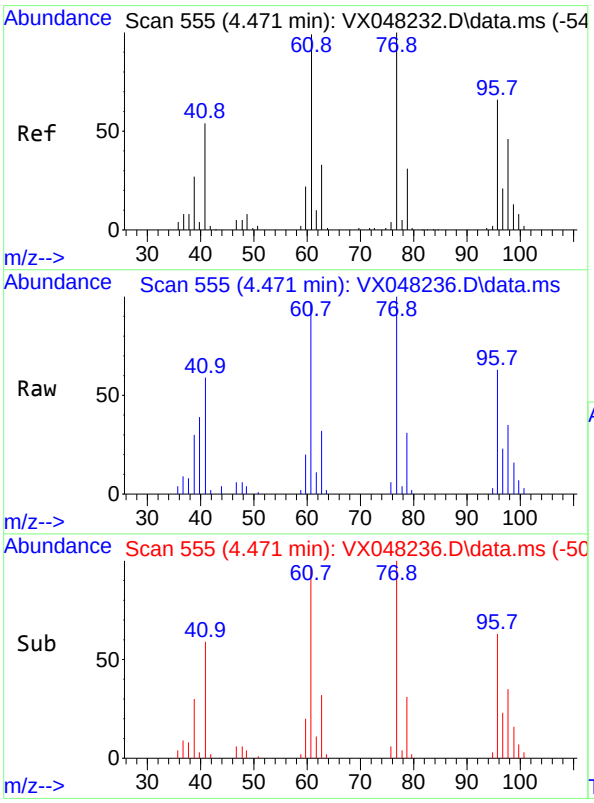

#25
2-Butanone
Concen: 25.887 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 21808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 30.6 | 19.9 | 29.9# |

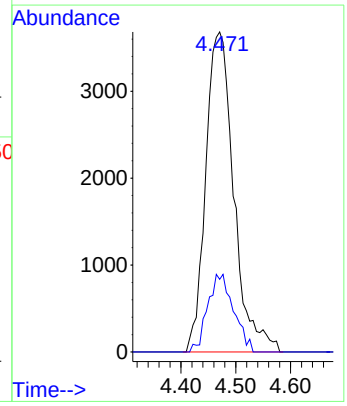


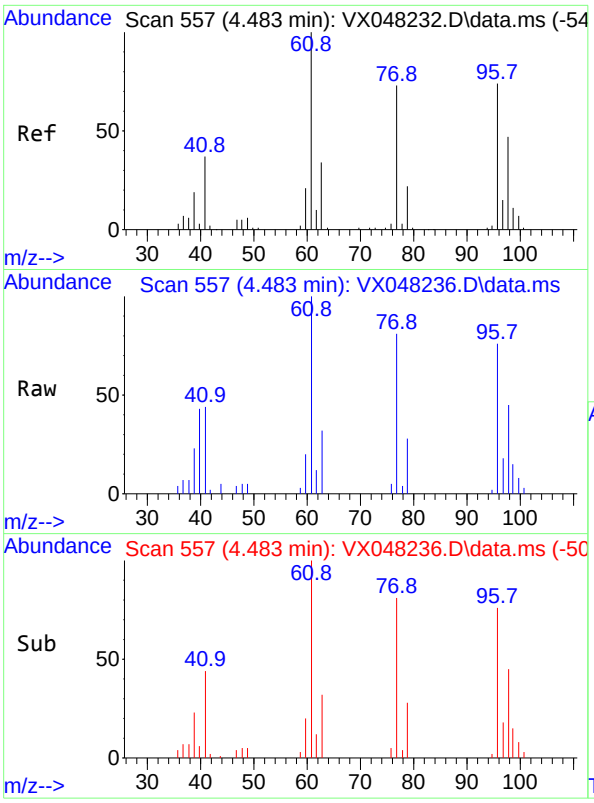




#26
2,2-Dichloropropane
Concen: 4.981 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 77 Resp: 13077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.5 | 11.1 | 33.3 |



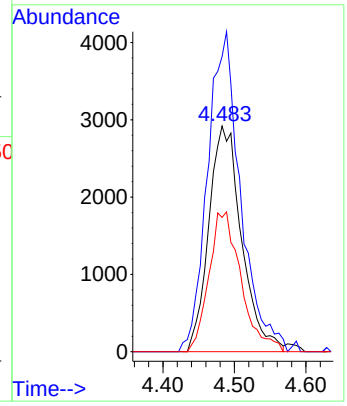


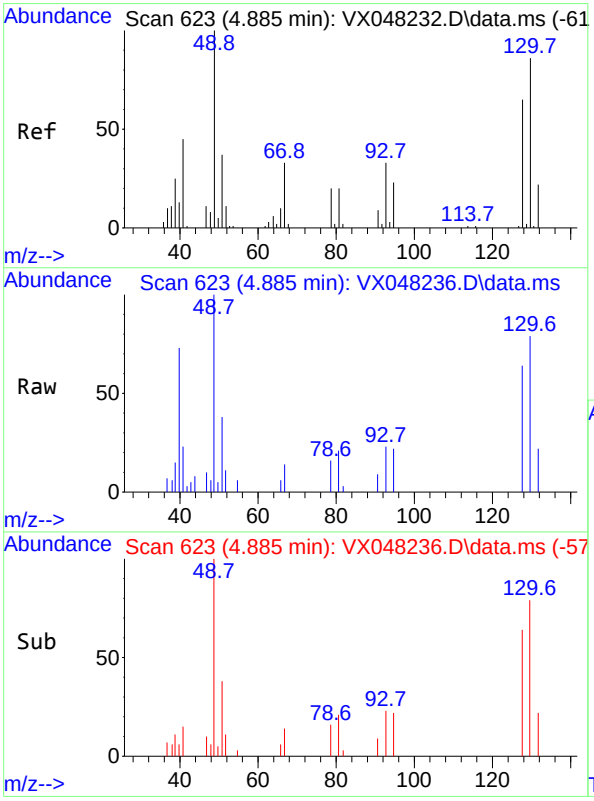

#27
cis-1,2-Dichloroethene
Concen: 5.000 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 9312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.5 | 0.0 | 294.2 |
| 98 | 60.5 | 0.0 | 128.4 |

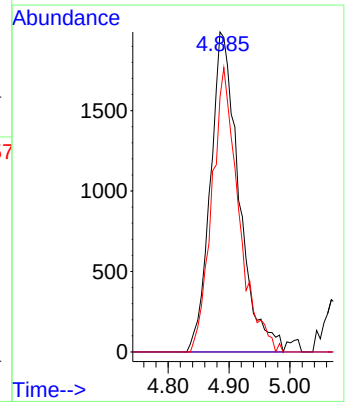


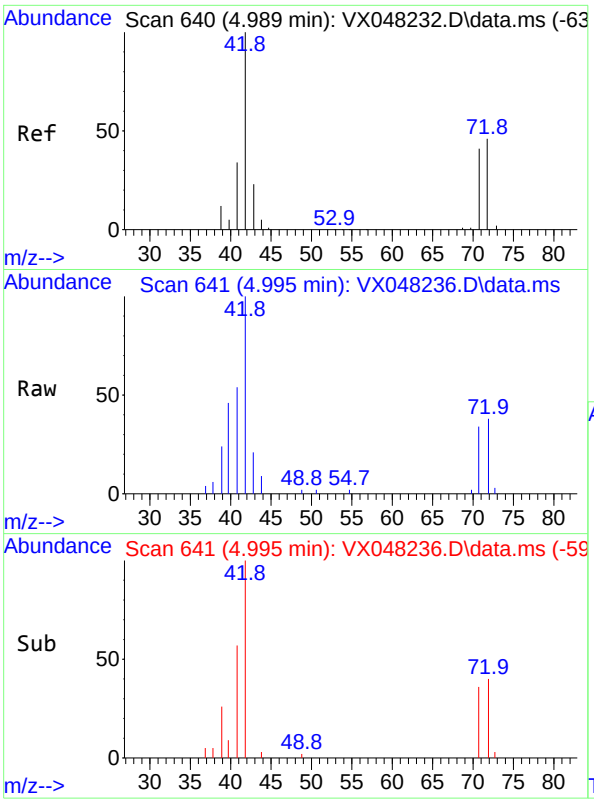




#28
Bromochloromethane
Concen: 5.379 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 49 Resp: 6488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.4 |
| 130 | 83.5 | 59.3 | 88.9 |



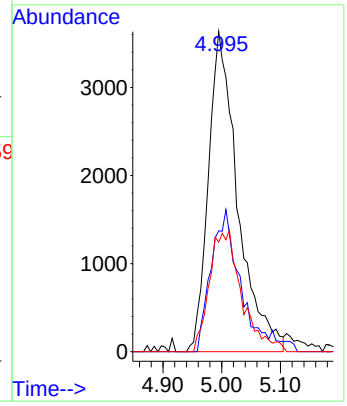


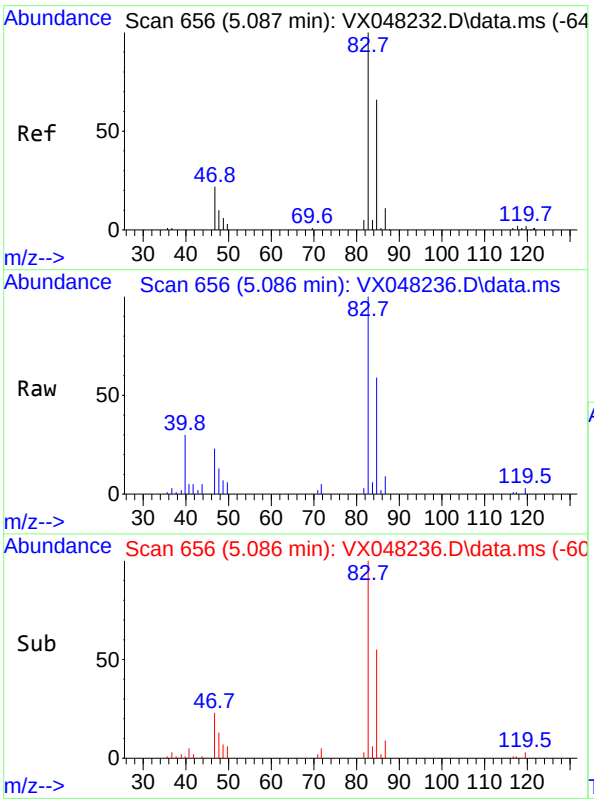

#29
Tetrahydrofuran
Concen: 25.047 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 42 Resp: 12637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 45.5 | 35.3 | 52.9 |
| 71 | 41.3 | 32.2 | 48.4 |

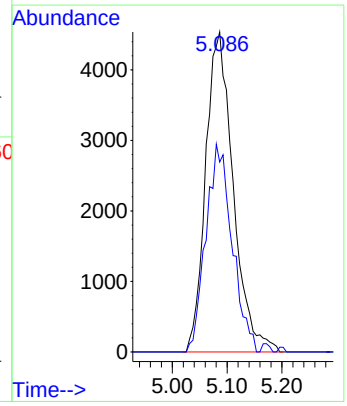


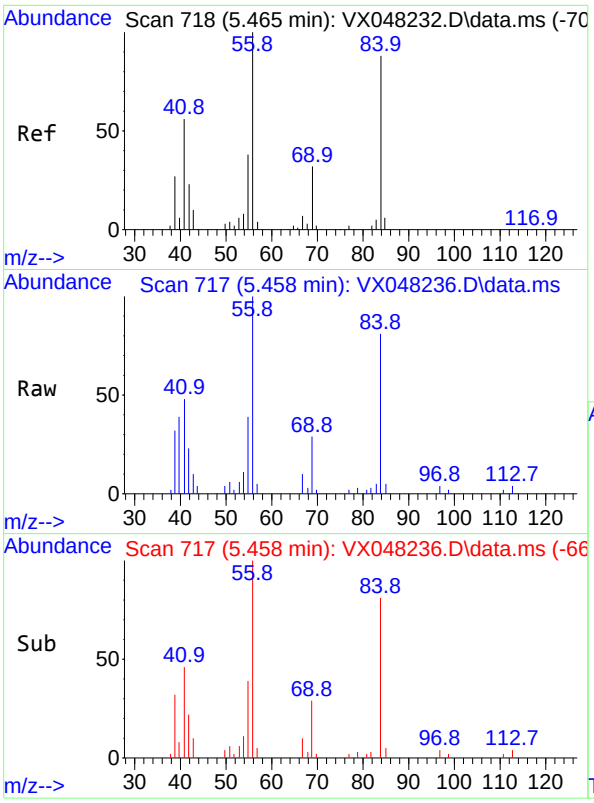




#30
Chloroform
Concen: 5.089 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 15814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 59.4 | 50.1 | 75.1 |



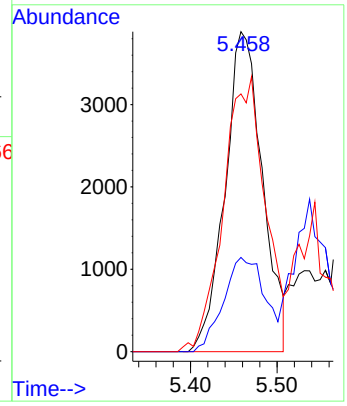


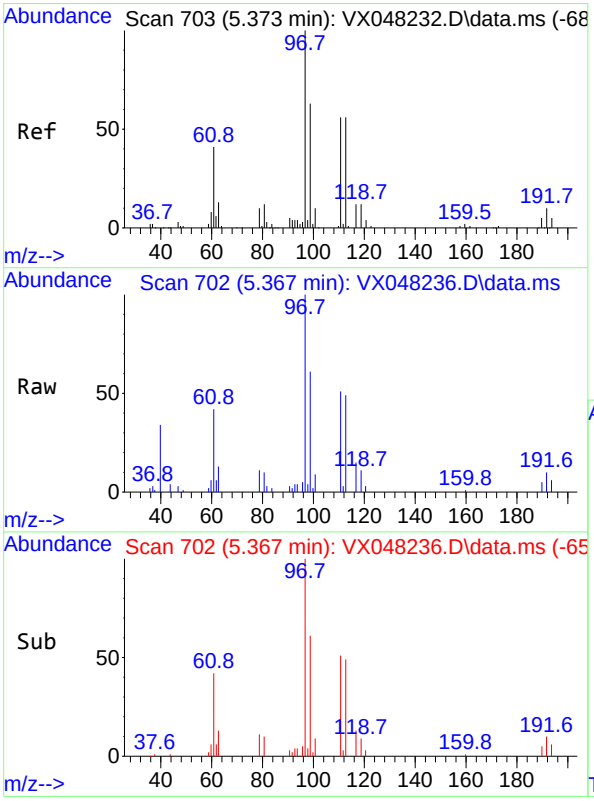

#31
Cyclohexane
Concen: 4.842 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 56 Resp: 11661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.4 | 23.0 | 34.6 |
| 84 | 79.1 | 64.6 | 97.0 |

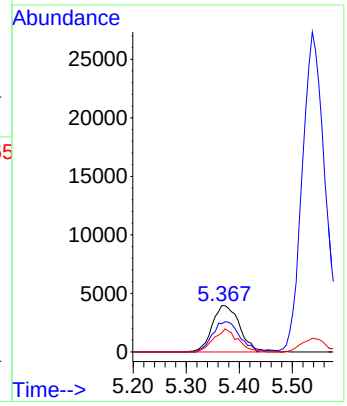


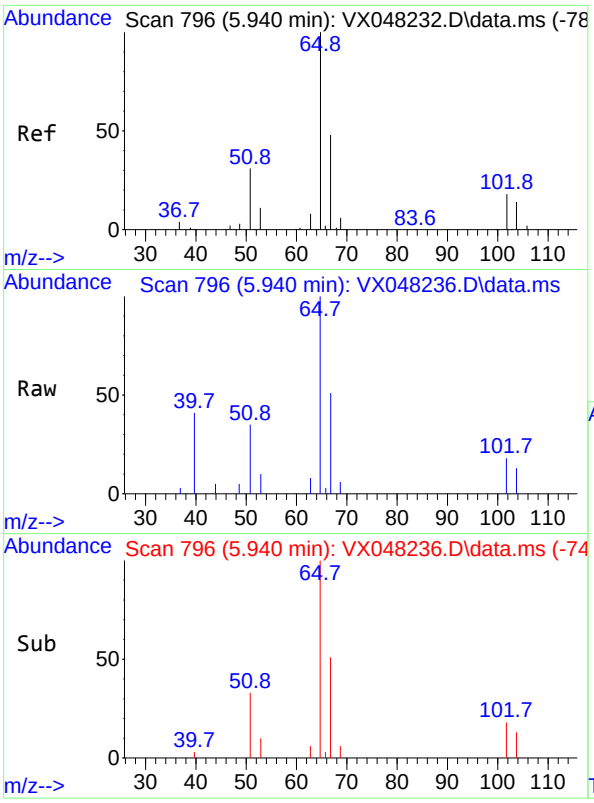




#32
1,1,1-Trichloroethane
Concen: 5.027 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 97 Resp: 14399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.0 | 51.7 | 77.5 |
| 61 | 42.8 | 34.8 | 52.2 |



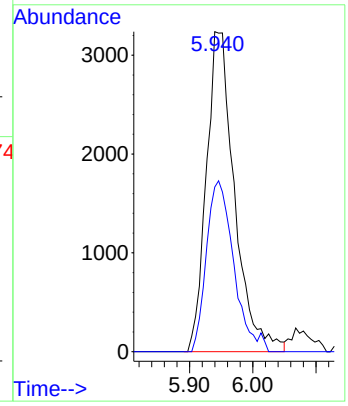


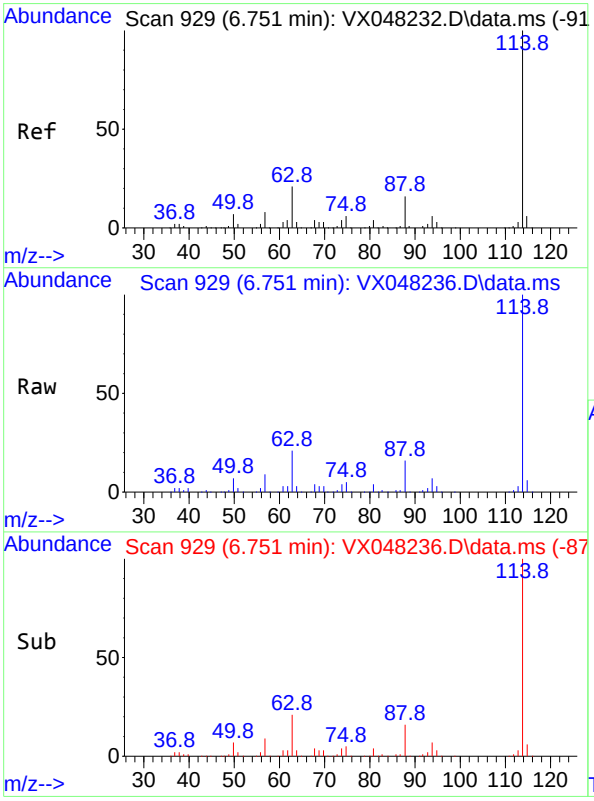

#33
1,2-Dichloroethane-d4
Concen: 5.173 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 65 Resp: 10036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.7 | 0.0 | 105.0 |

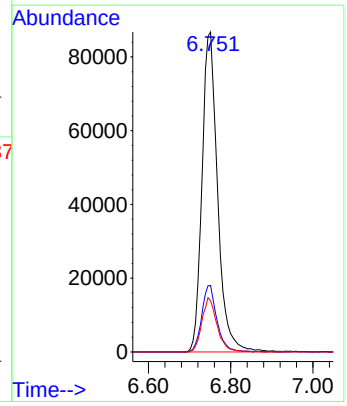


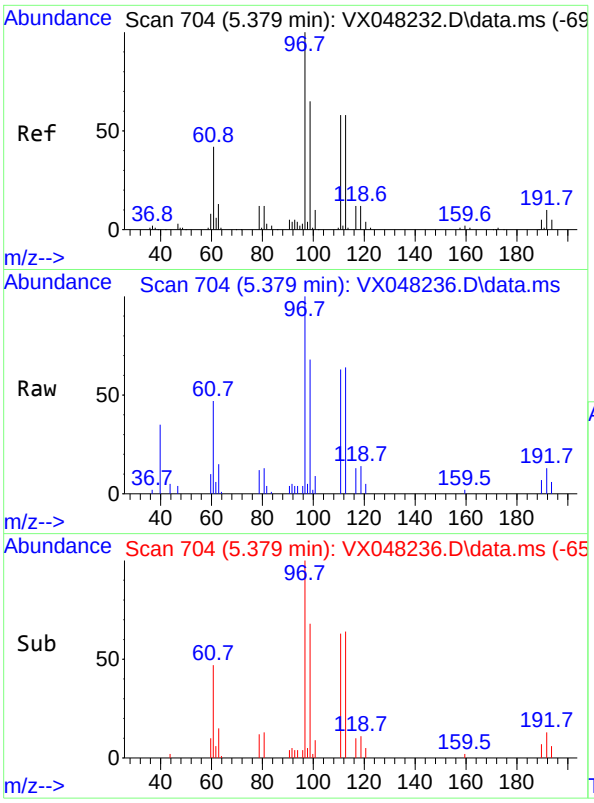




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:114 Resp: 228619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.8 | 0.0 | 43.2 |
| 88 | 15.9 | 0.0 | 33.6 |



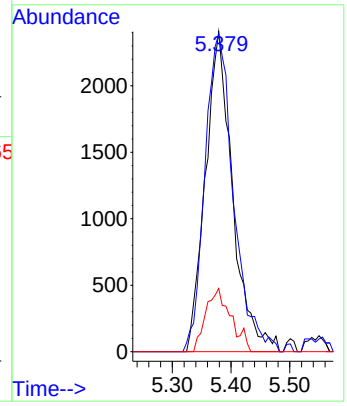


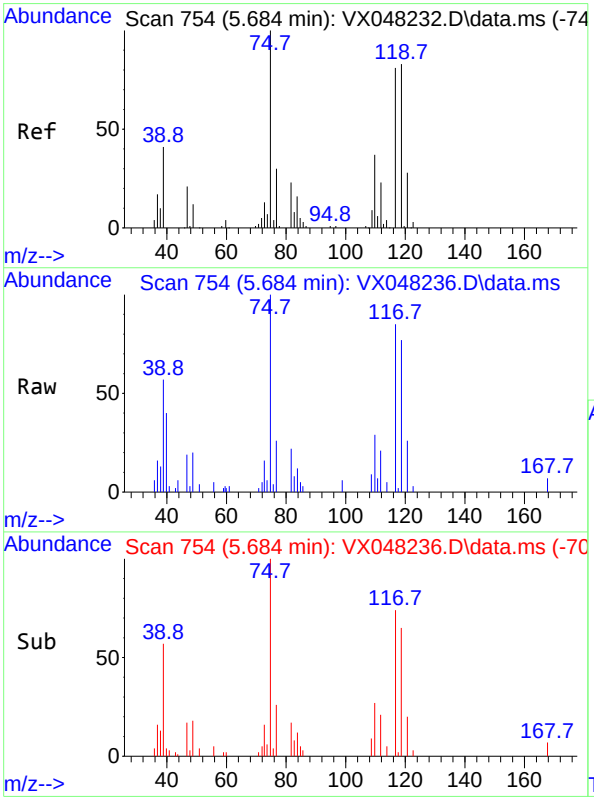

#35
Dibromofluoromethane
Concen: 4.955 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:113 Resp: 7733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.9 | 82.2 | 123.4 |
| 192 | 18.3 | 15.1 | 22.7 |

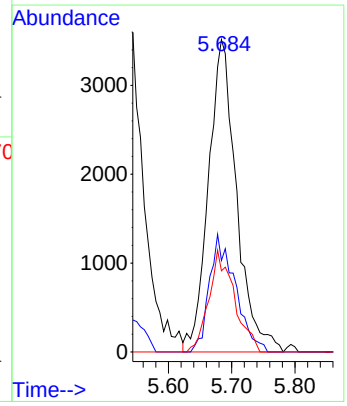


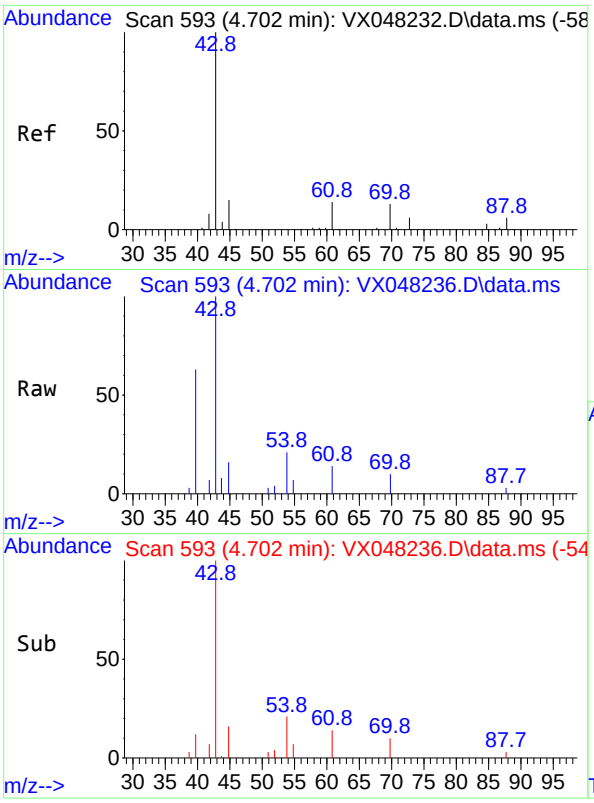




#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 10855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.8 | 17.7 | 53.1 |
| 77 | 29.5 | 24.3 | 36.5 |



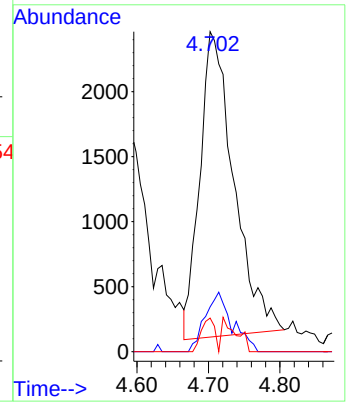


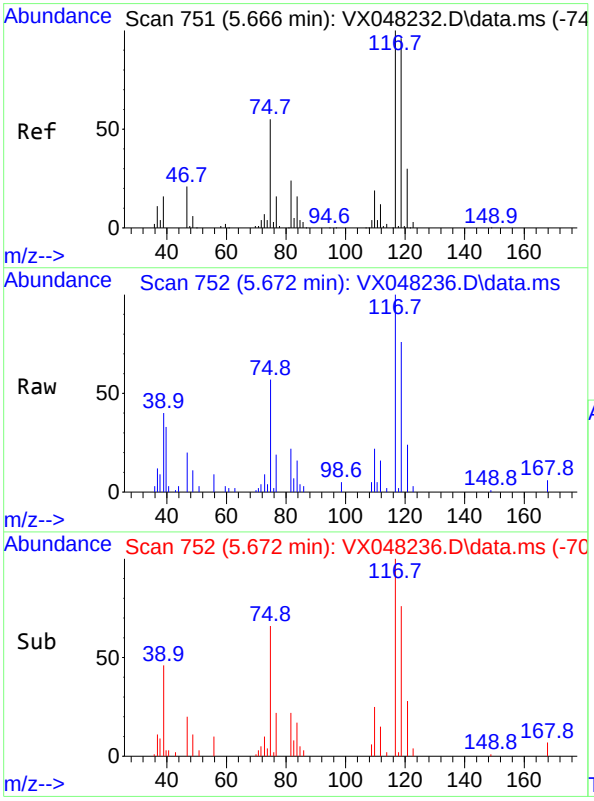

#37
Ethyl Acetate
Concen: 4.220 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 7759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 10.6 | 15.8# |
| 70 | 4.3 | 7.8 | 11.6# |

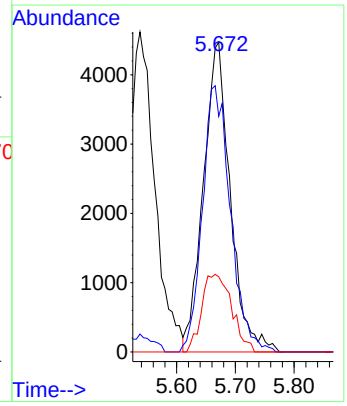


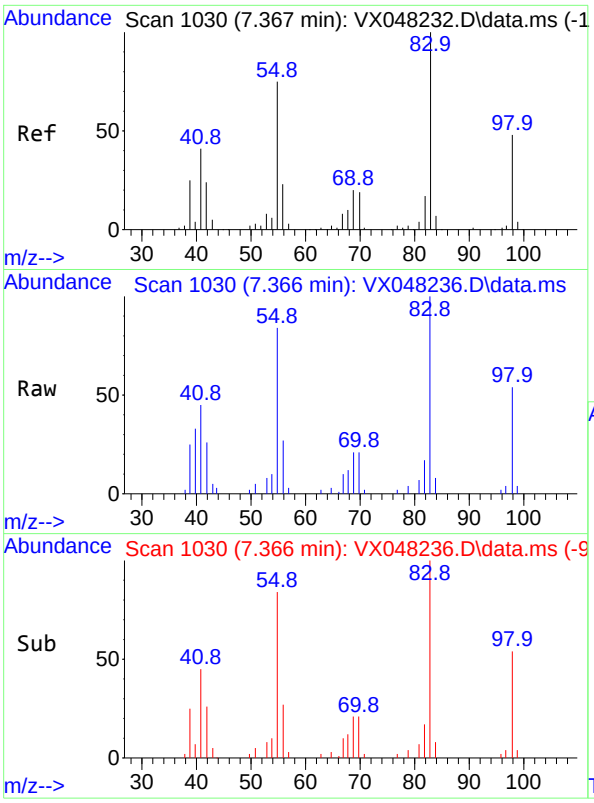




#38
Carbon Tetrachloride
Concen: 5.198 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 14225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 76.0 | 77.2 | 115.8# |
| 121 | 24.3 | 24.8 | 37.2# |



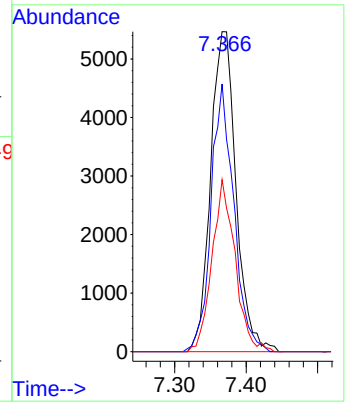


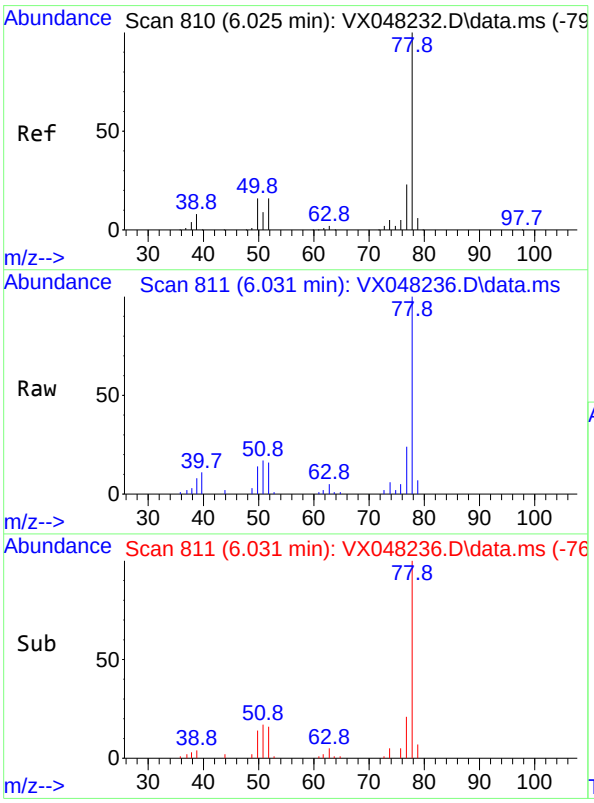

#39
Methylcyclohexane
Concen: 5.149 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 13491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 83.6 | 66.2 | 99.2 |
| 98 | 53.8 | 38.9 | 58.3 |

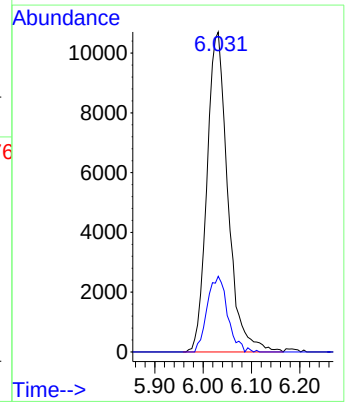


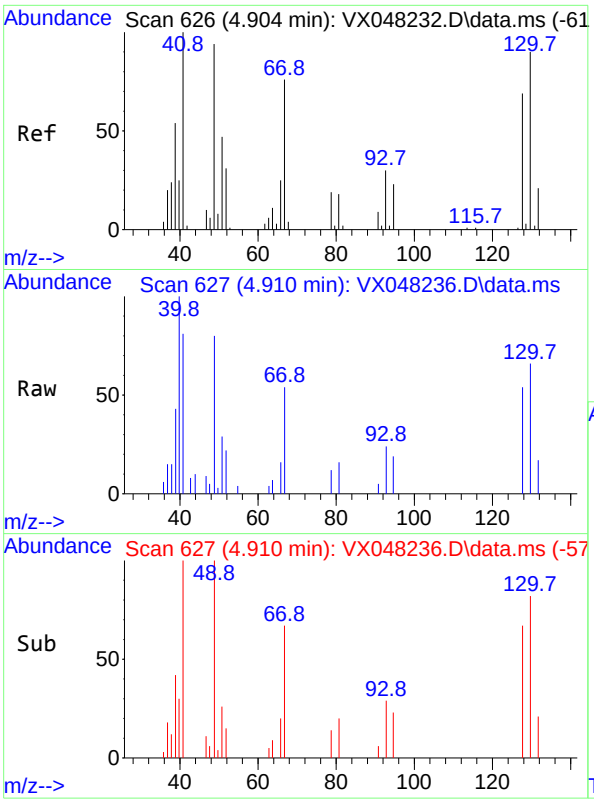




#40
Benzene
Concen: 4.986 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 78 Resp: 32115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 19.3 | 28.9 |



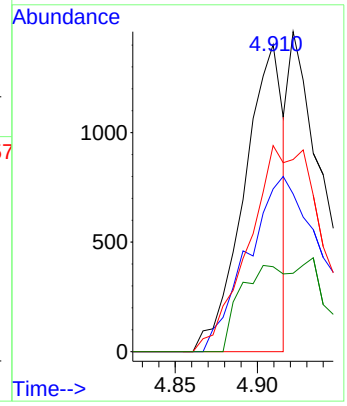


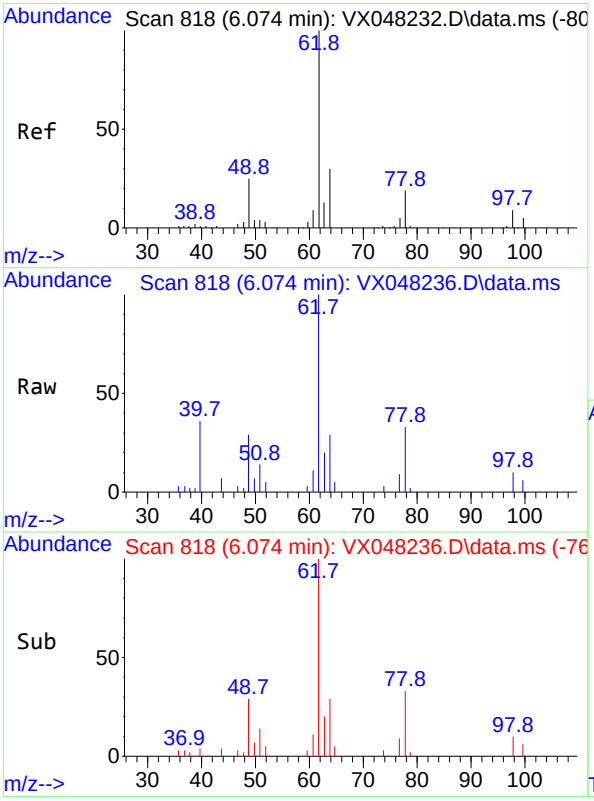

#41
Methacrylonitrile
Concen: 2.423 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 41 Resp: 2340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 107.2 | 44.0 | 66.0# |
| 67 | 141.2 | 58.7 | 88.1# |
| 52 | 31.1 | 25.9 | 38.9 |

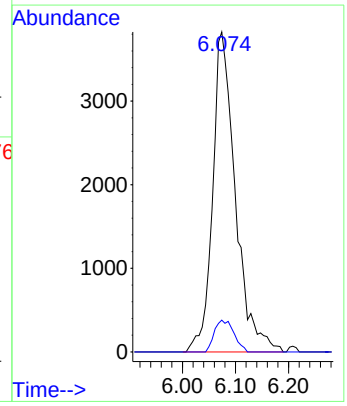


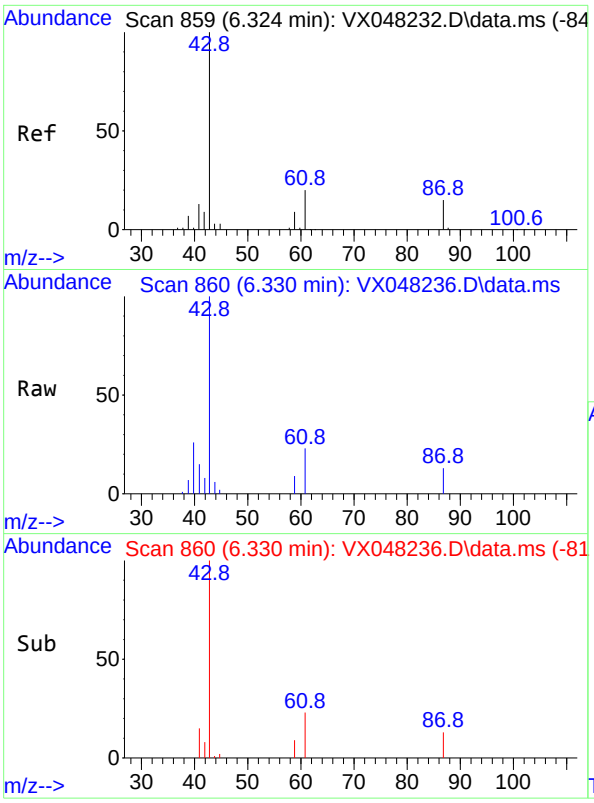




#42
1,2-Dichloroethane
Concen: 4.802 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 11412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.6 | 0.0 | 17.2 |



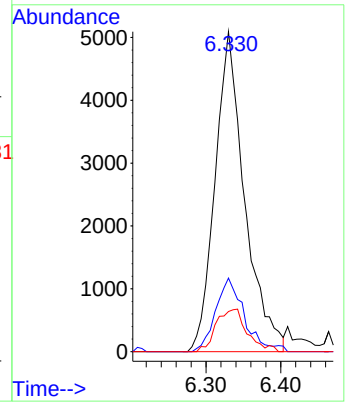


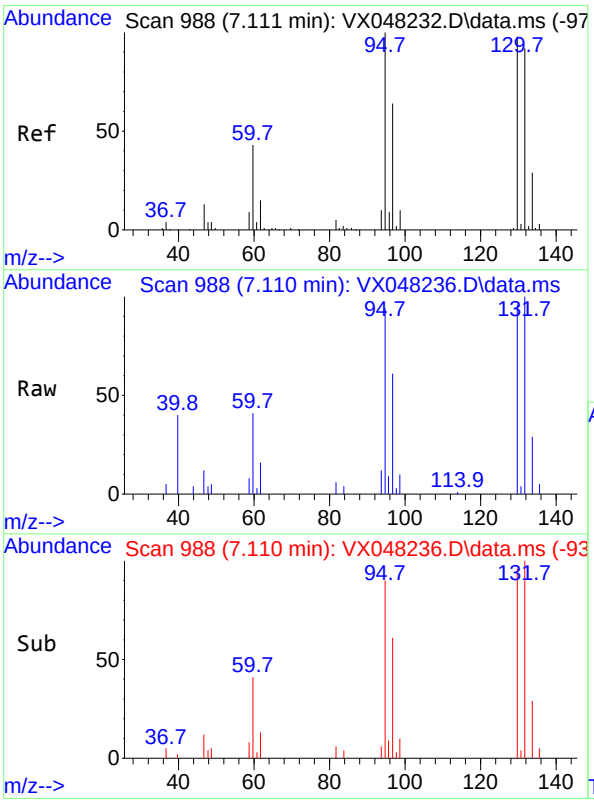

#43
Isopropyl Acetate
Concen: 4.634 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 13996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 22.5 | 14.9 | 22.3# |
| 87 | 14.0 | 9.4 | 14.2 |

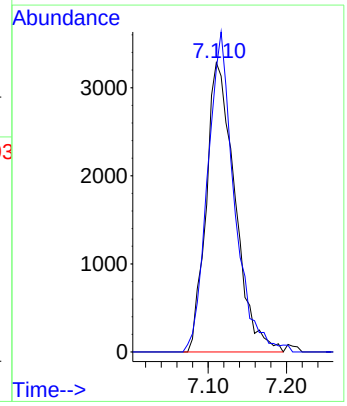


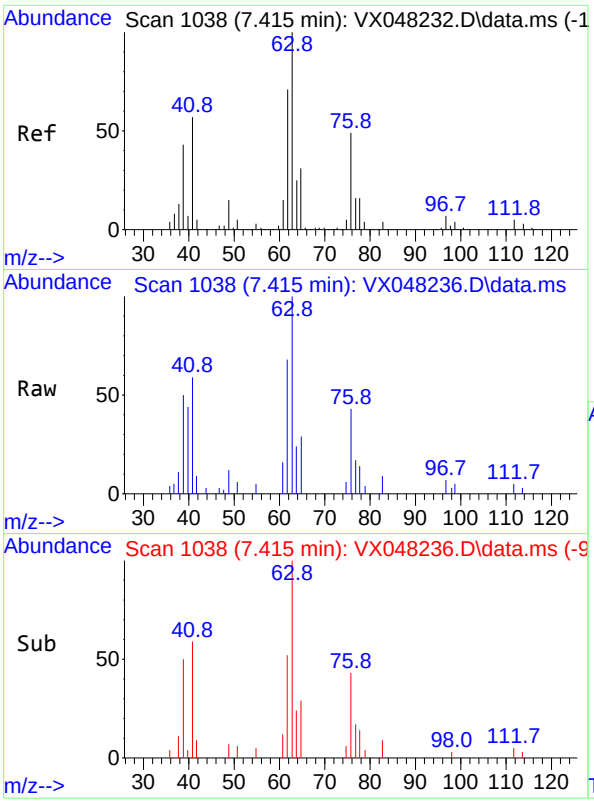




#44
Trichloroethene
Concen: 4.923 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:130 Resp: 8373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 107.6 | 0.0 | 200.6 |



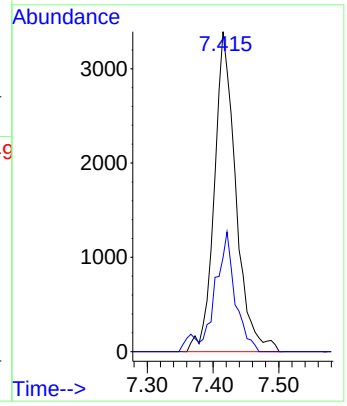


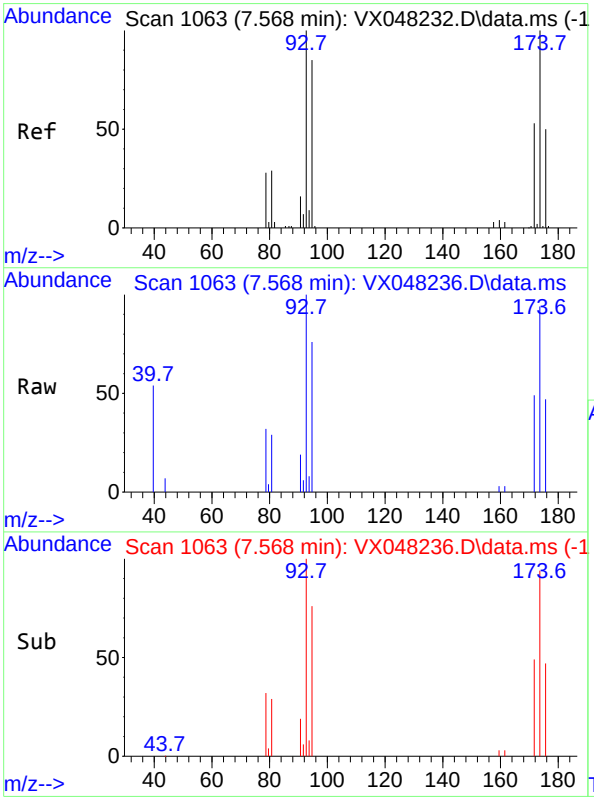

#45
1,2-Dichloropropane
Concen: 5.034 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 63 Resp: 7709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.4 | 24.1 | 36.1 |

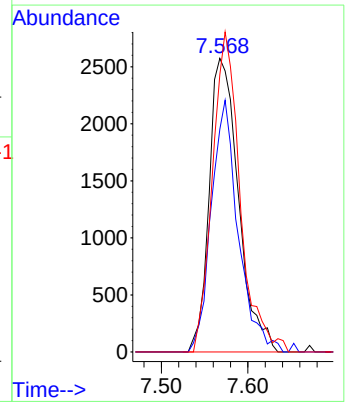


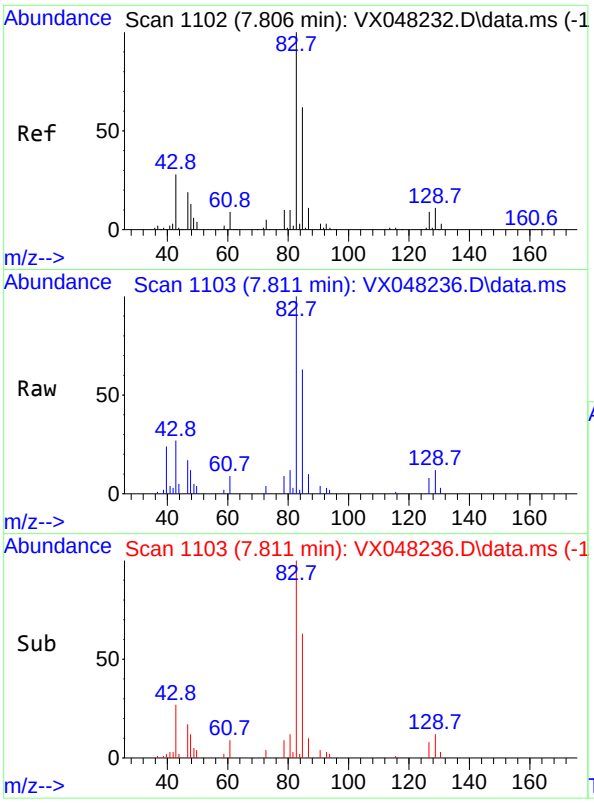




#46
Dibromomethane
Concen: 5.064 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 93 Resp: 6041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 79.0 | 65.9 | 98.9 |
| 174 | 103.1 | 71.7 | 107.5 |



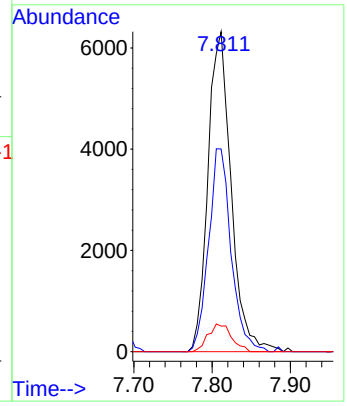


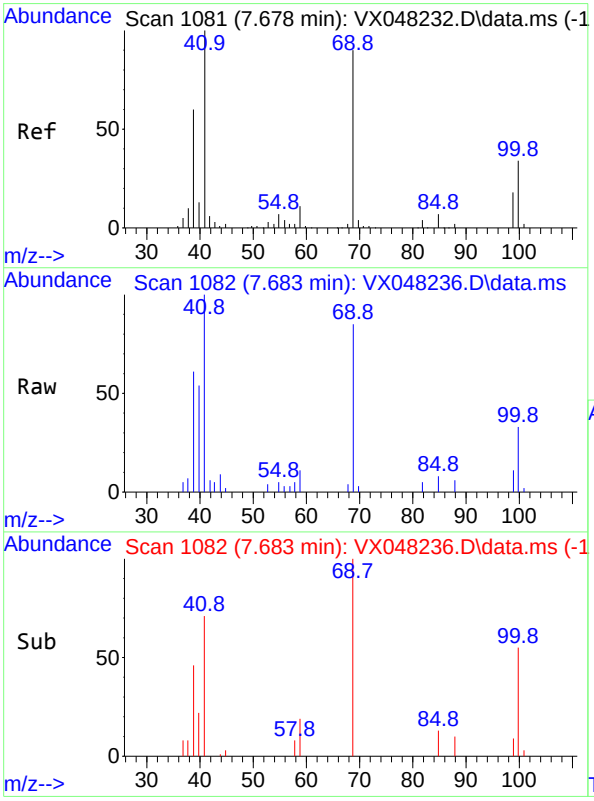

#47
Bromodichloromethane
Concen: 5.037 ug/l
RT: 7.811 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 12974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.4 | 52.2 | 78.4 |
| 127 | 8.0 | 7.3 | 10.9 |

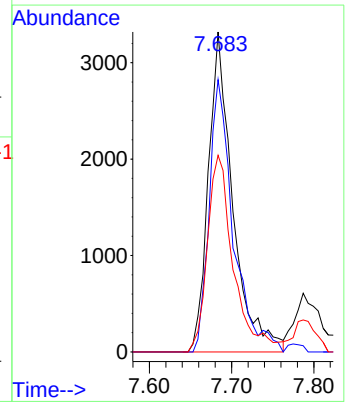


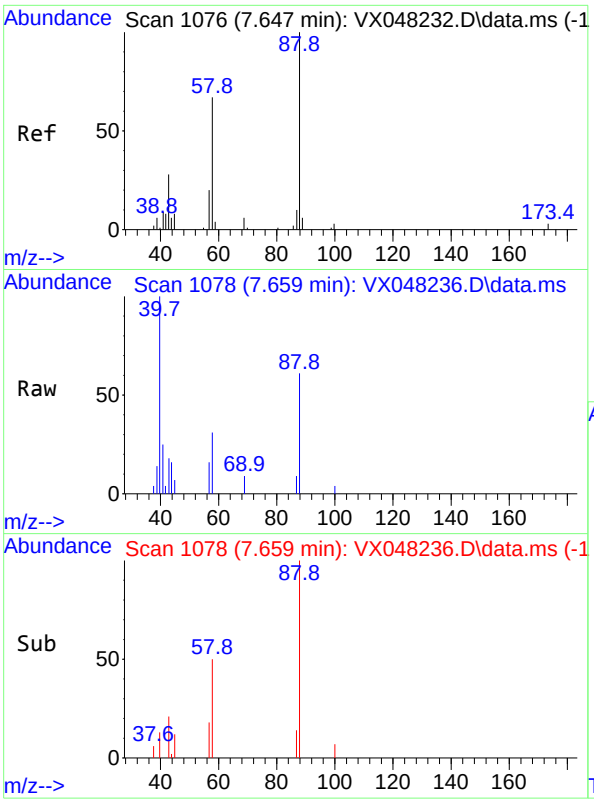




#48
Methyl methacrylate
Concen: 4.503 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 6863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 83.7 | 63.4 | 95.0 |
| 39 | 64.8 | 47.1 | 70.7 |



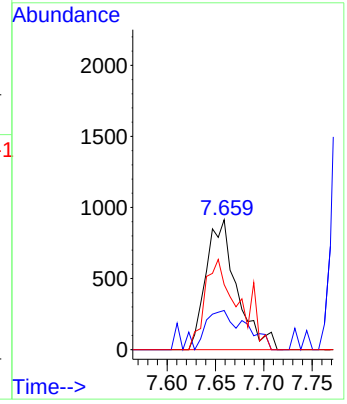


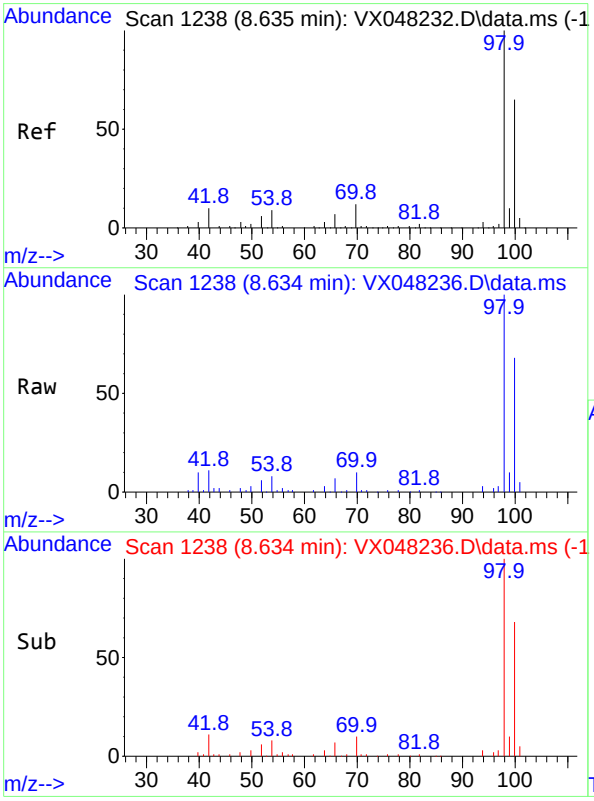

#49
1,4-Dioxane
Concen: 100.322 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 88 Resp: 2020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 38.4 | 35.0 | 52.4 |
| 58 | 76.8 | 61.9 | 92.9 |

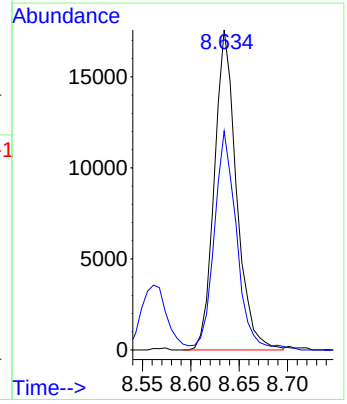


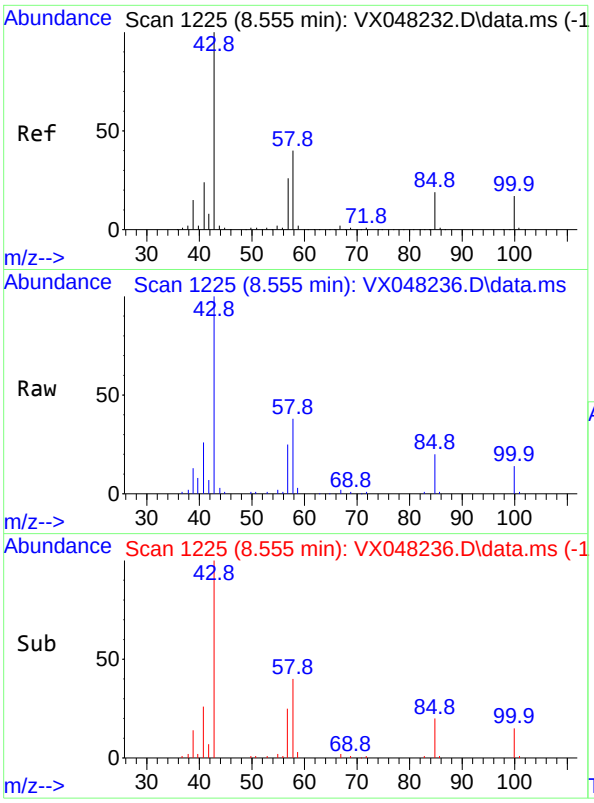




#50
Toluene-d8
Concen: 5.102 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 98 Resp: 27914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 69.2 | 53.0 | 79.4 |



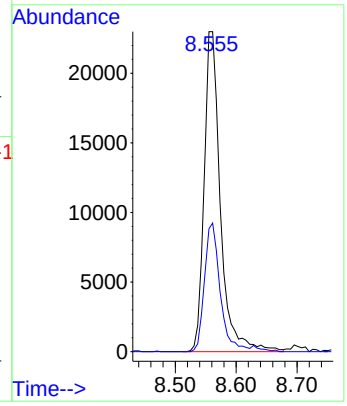


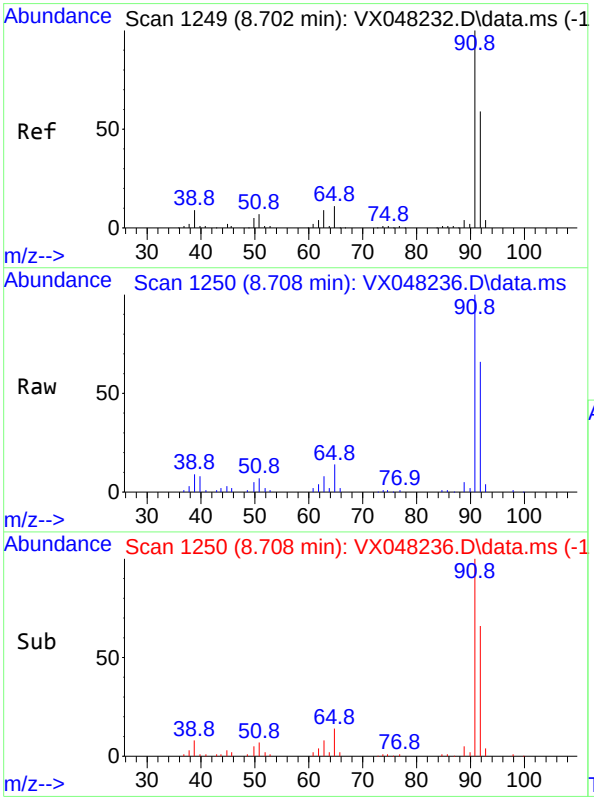

#51
4-Methyl-2-Pentanone
Concen: 24.534 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 42725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.7 | 29.5 | 44.3 |

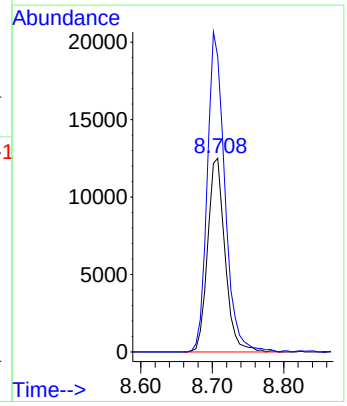


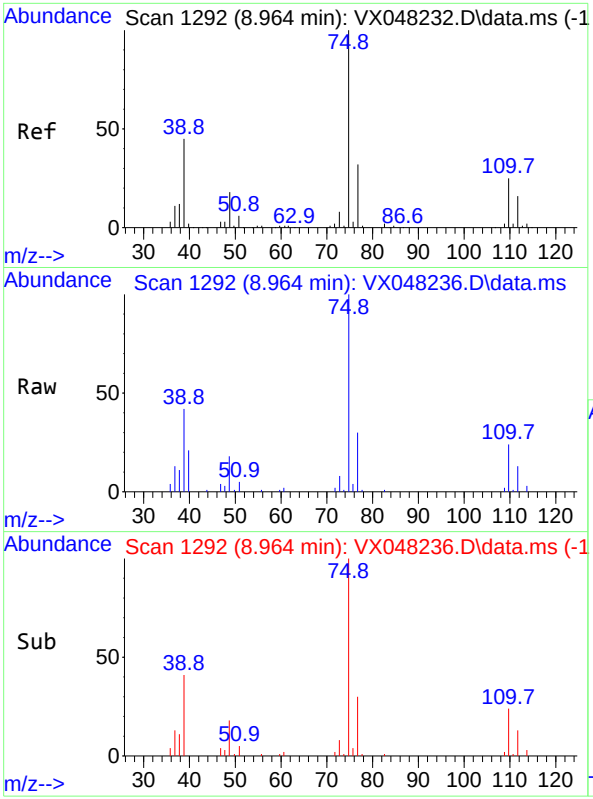




#52
Toluene
Concen: 5.166 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 92 Resp: 21137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 166.2 | 136.1 | 204.1 |



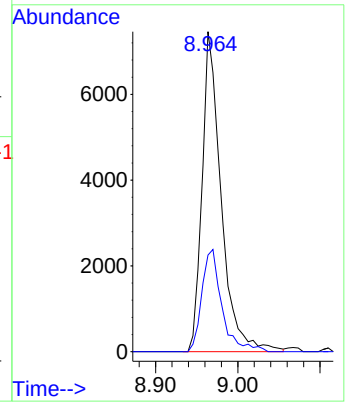


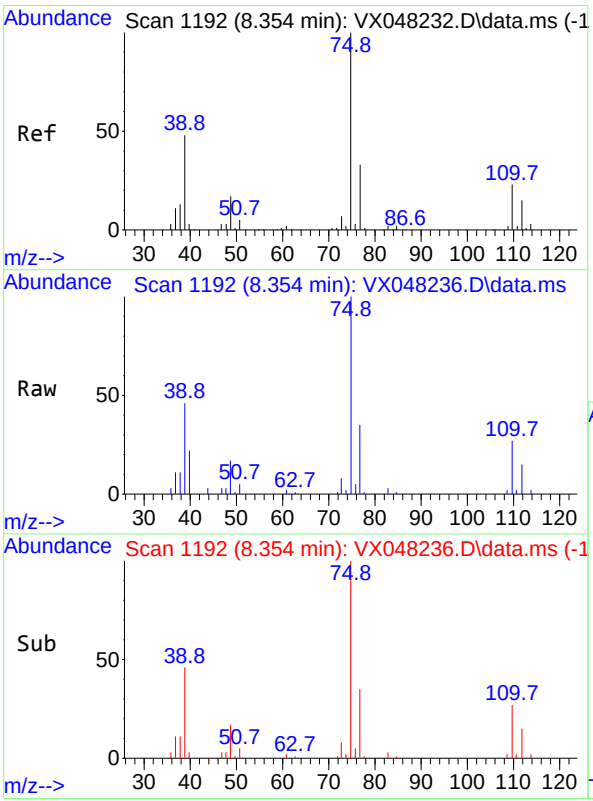

#53
t-1,3-Dichloropropene
Concen: 4.840 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 75 Resp: 12015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.2 | 25.0 | 37.6 |

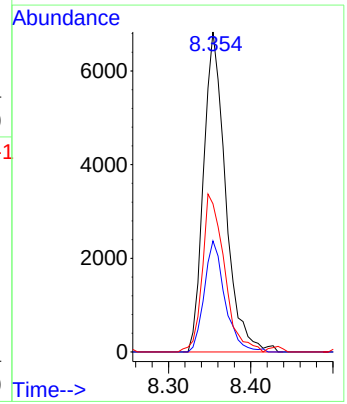


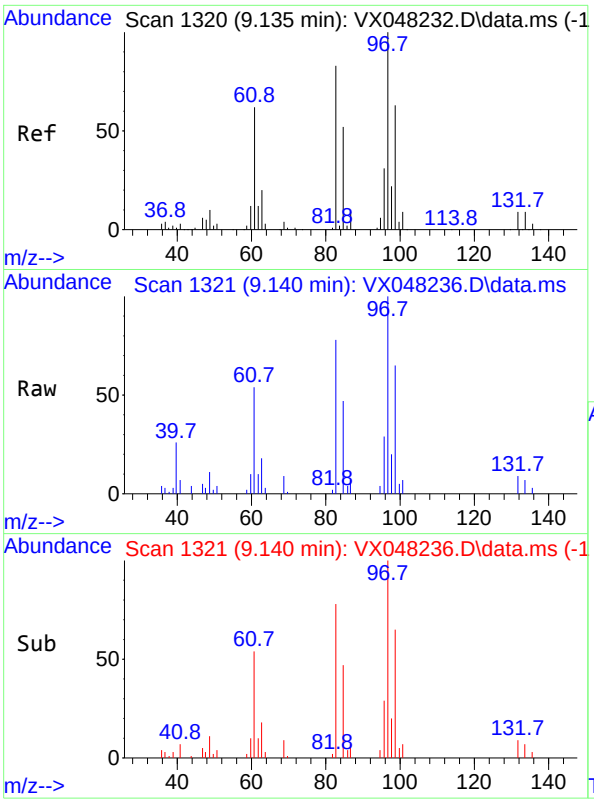




#54
cis-1,3-Dichloropropene
Concen: 4.743 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 12702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.7 | 24.9 | 37.3 |
| 39 | 45.3 | 42.6 | 64.0 |



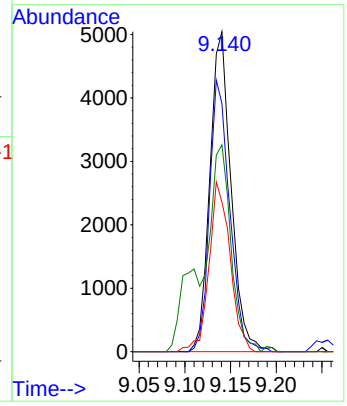


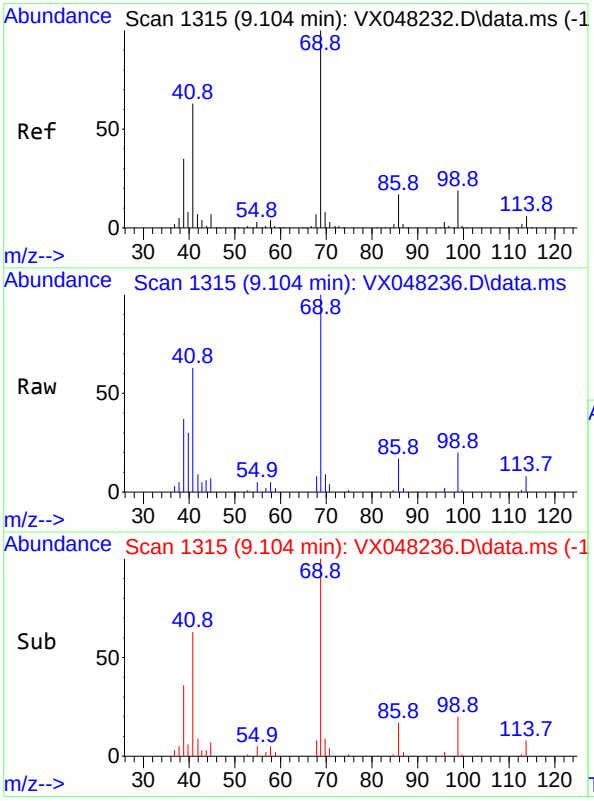

#55
1,1,2-Trichloroethane
Concen: 5.332 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 97 Resp: 8113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 77.5 | 70.6 | 105.8 |
| 85 | 46.8 | 45.0 | 67.6 |
| 99 | 64.7 | 50.9 | 76.3 |

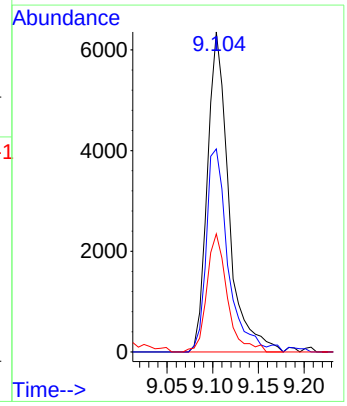


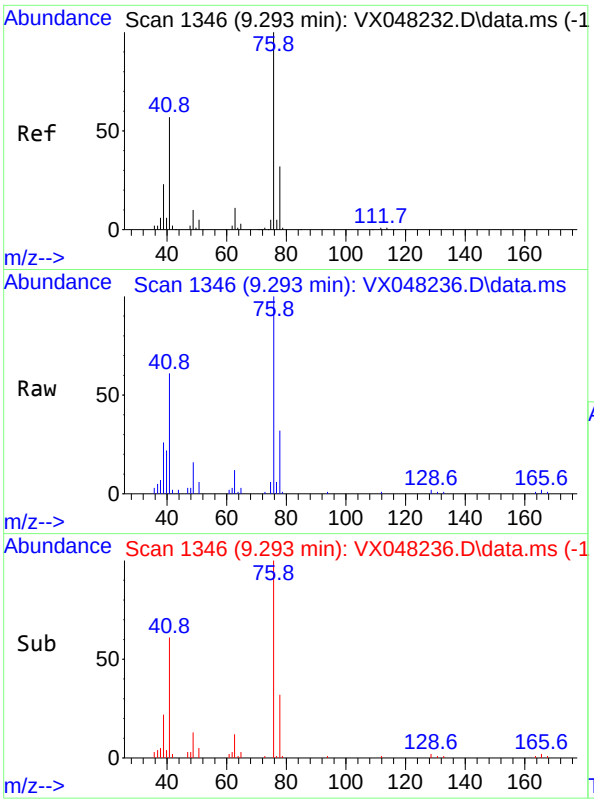




#56
Ethyl methacrylate
Concen: 4.637 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 69 Resp: 10320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.3 | 56.0 | 84.0 |
| 39 | 35.3 | 31.6 | 47.4 |



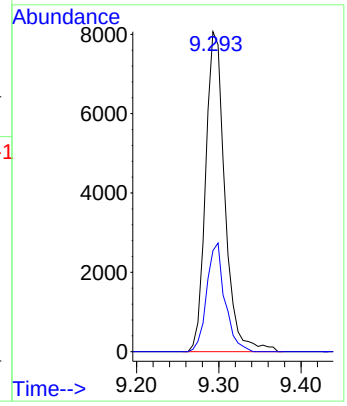


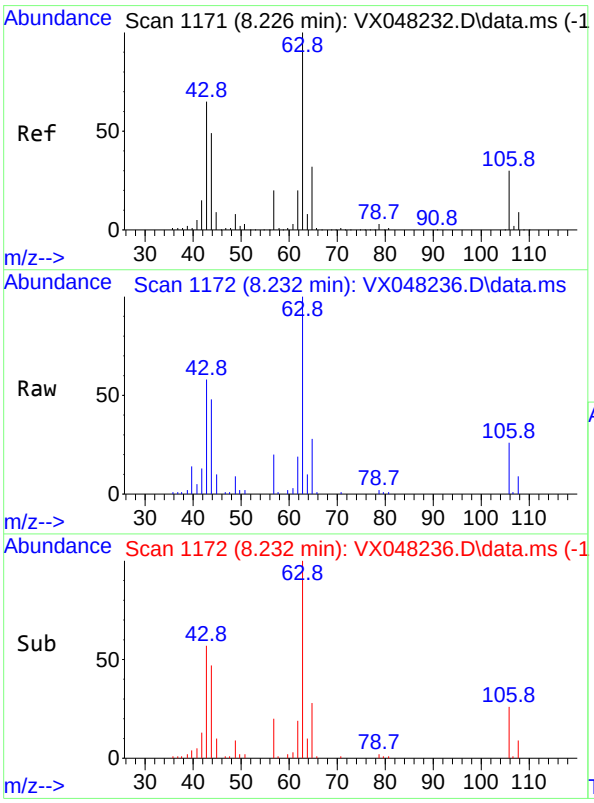

#57
1,3-Dichloropropane
Concen: 5.035 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 76 Resp: 13087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.0 | 25.4 | 38.0 |

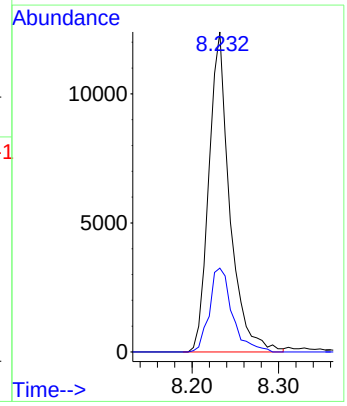


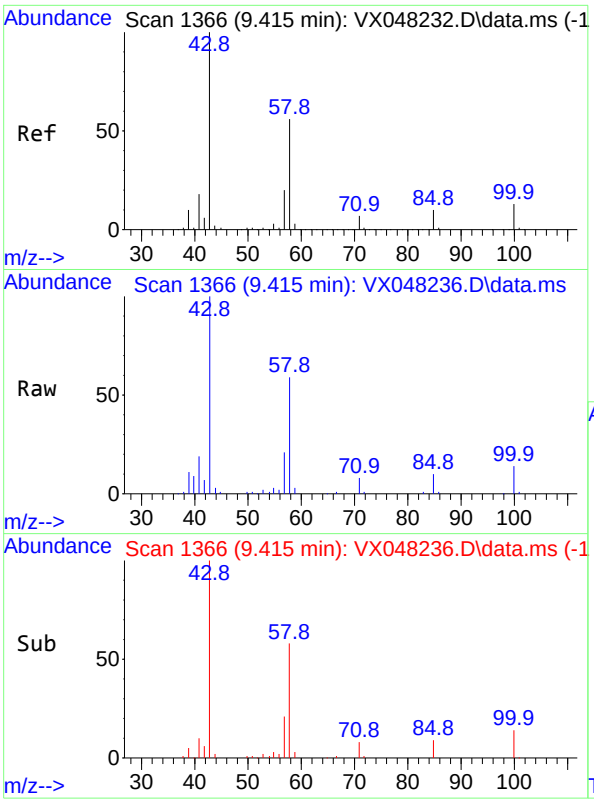




#58
2-Chloroethyl Vinyl ether
Concen: 18.931 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 20764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.6 | 22.2 | 33.2 |



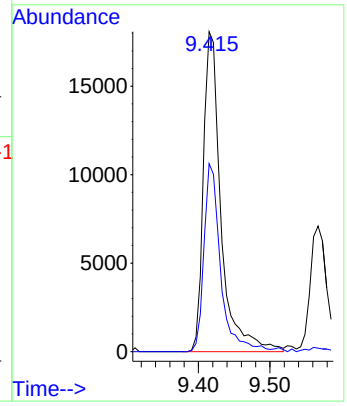


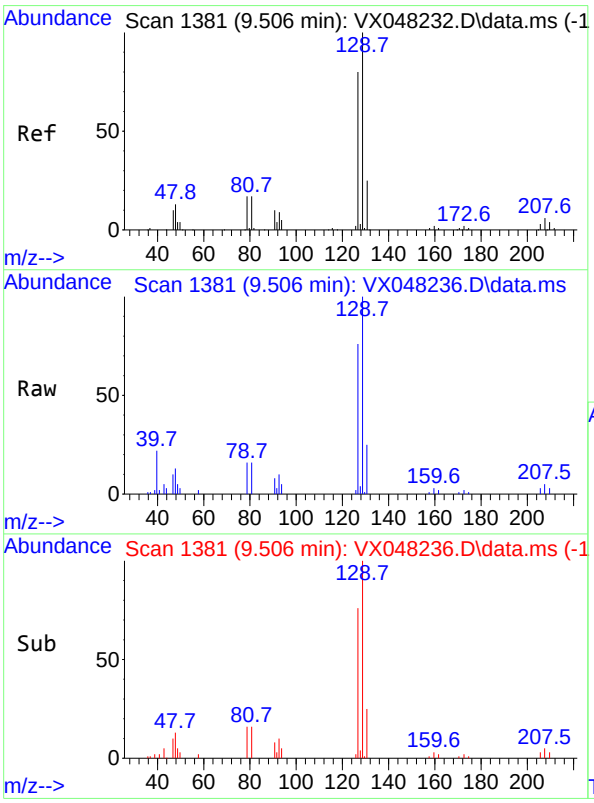

#59
2-Hexanone
Concen: 25.488 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 30949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.4 | 26.3 | 78.8 |

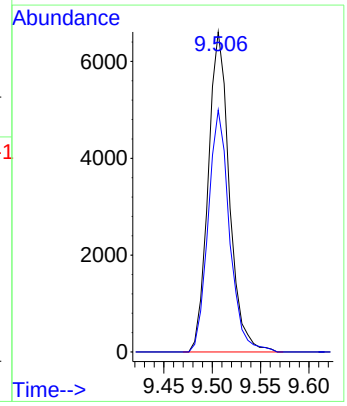


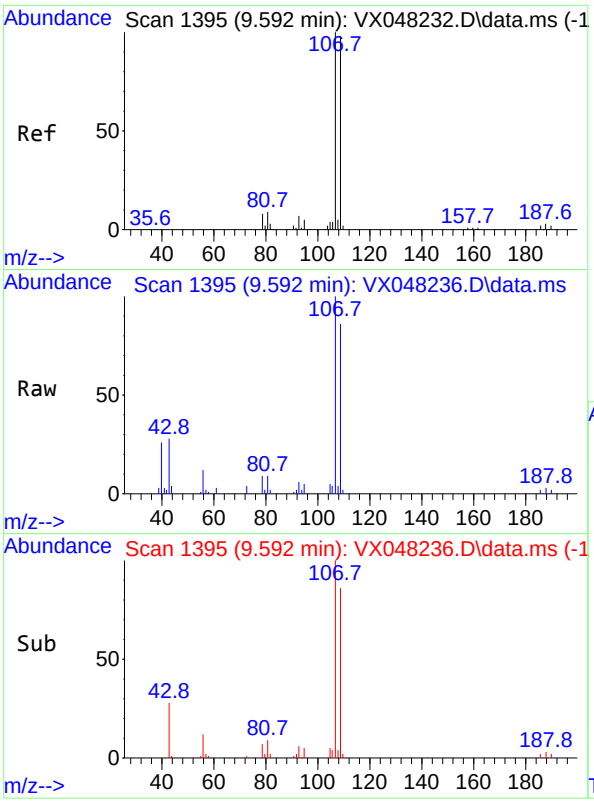




#60
Dibromochloromethane
Concen: 4.930 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:129 Resp: 10082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.3 | 38.6 | 115.7 |



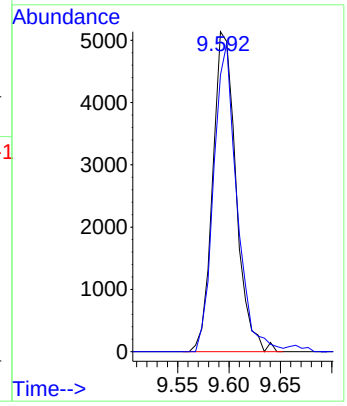


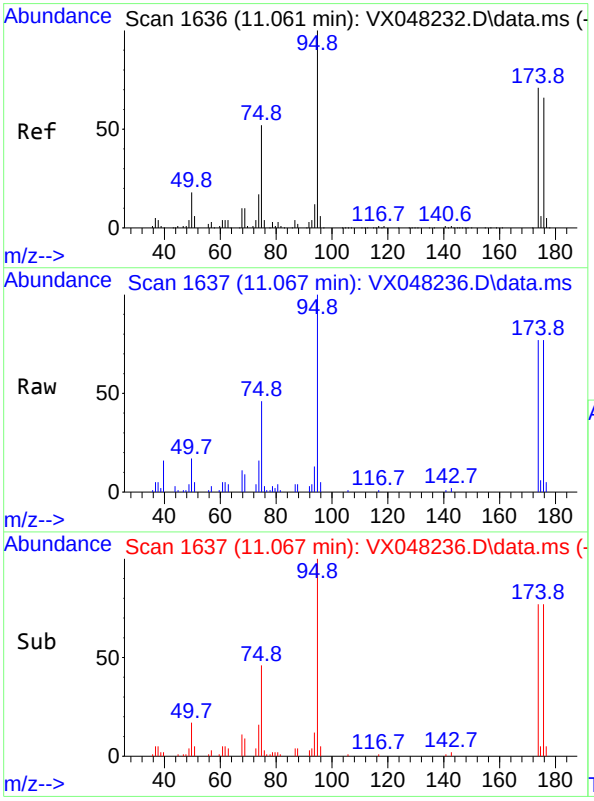

#61
1,2-Dibromoethane
Concen: 4.980 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:107 Resp: 8079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.3 | 77.0 | 115.4 |

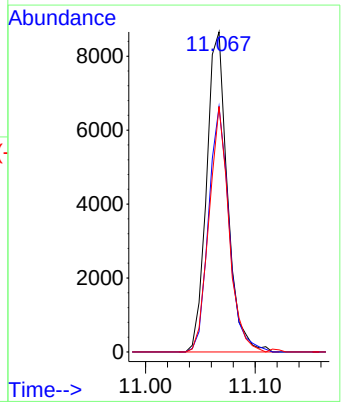


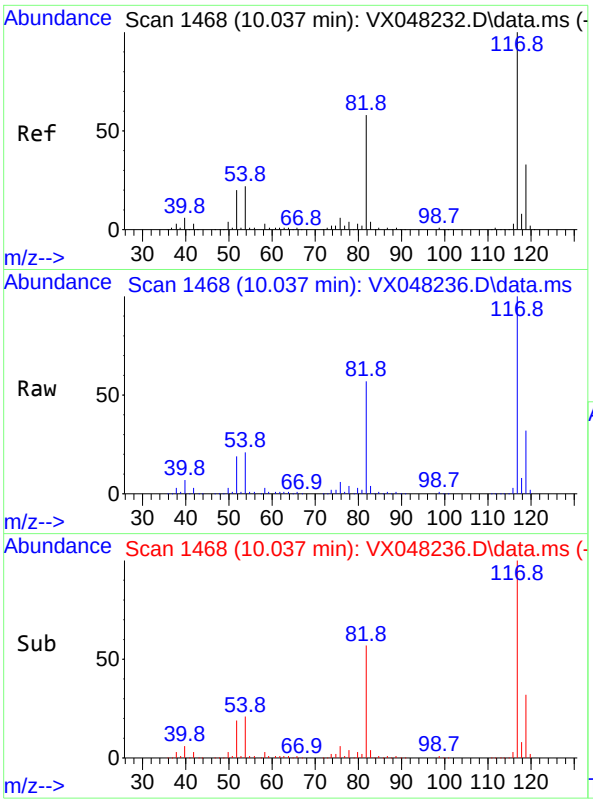




#62
4-Bromofluorobenzene
Concen: 5.492 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 95 Resp: 11429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.7 | 0.0 | 147.8 |
| 176 | 73.4 | 0.0 | 142.8 |



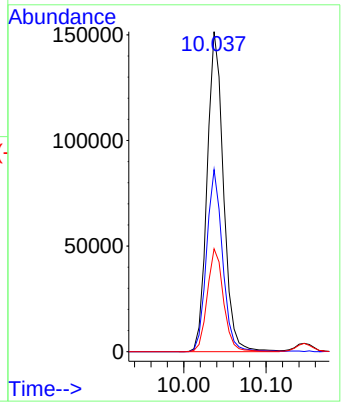


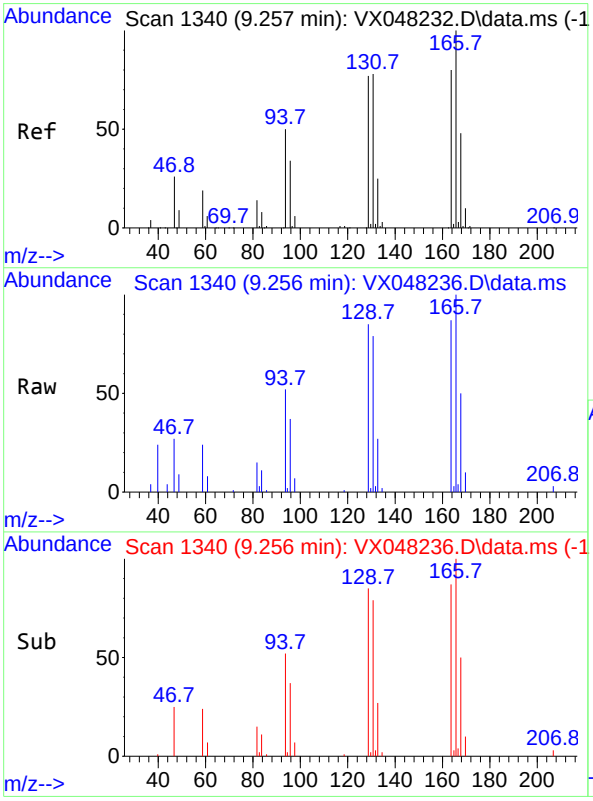

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:117 Resp: 208481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.9 | 46.5 | 69.7 |
| 119 | 32.2 | 25.9 | 38.9 |

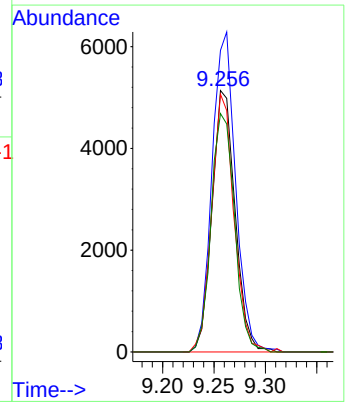


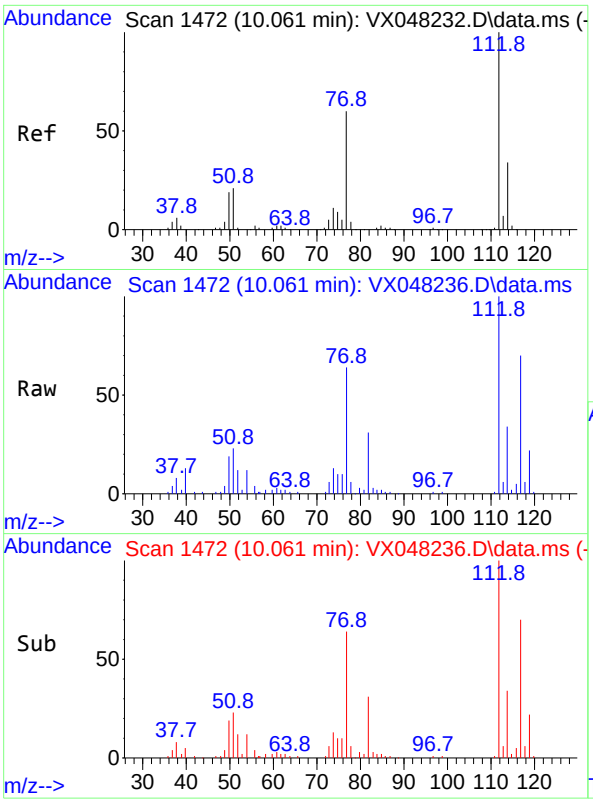




#64
Tetrachloroethene
Concen: 5.153 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:164 Resp: 8020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 115.3 | 104.5 | 156.7 |
| 129 | 98.6 | 81.8 | 122.6 |
| 131 | 91.2 | 77.0 | 115.6 |



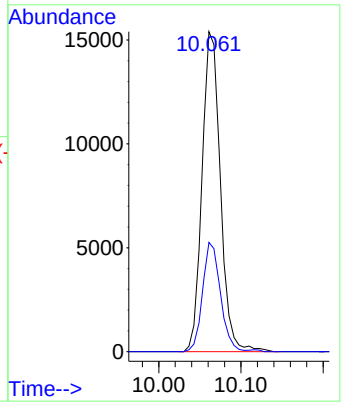


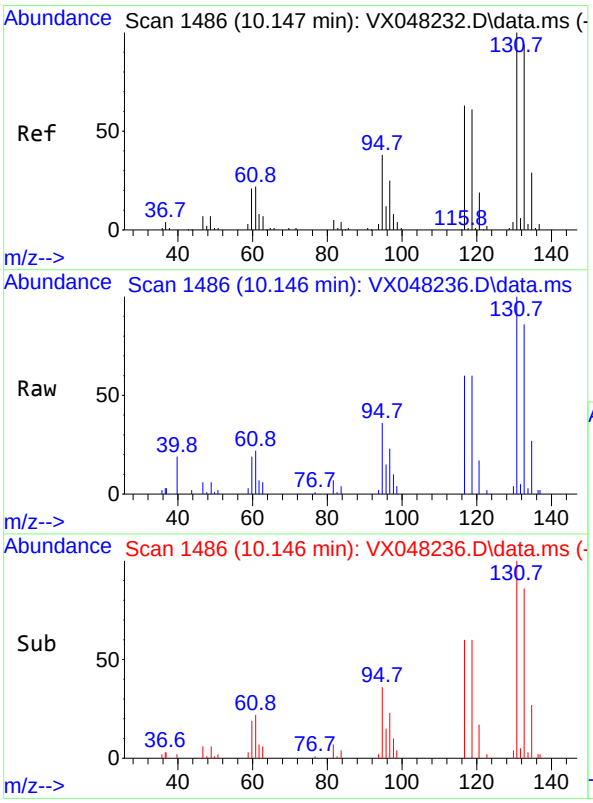

#65
Chlorobenzene
Concen: 5.090 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:112 Resp: 23873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 34.2 | 26.2 | 39.2 |

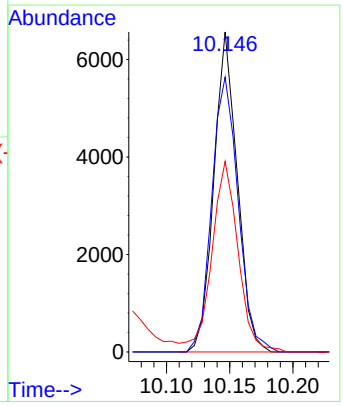


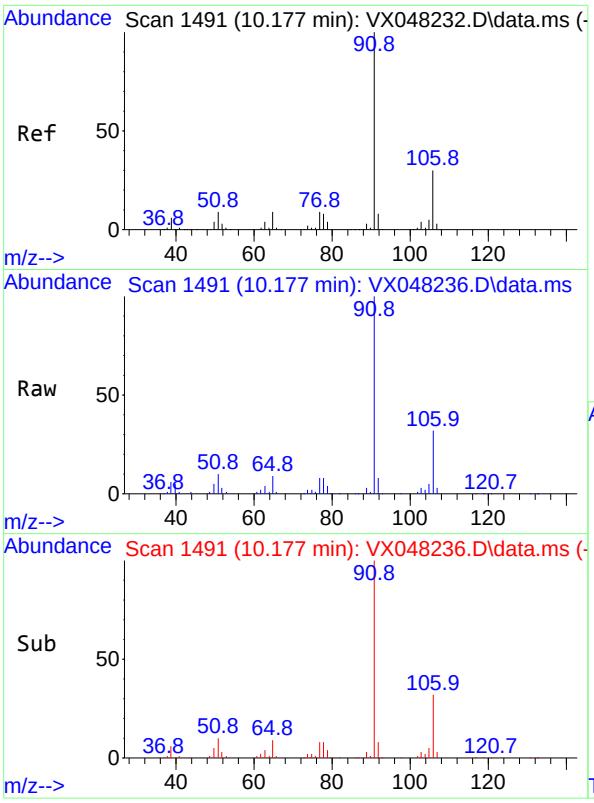




#66
1,1,1,2-Tetrachloroethane
Concen: 4.905 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:131 Resp: 8450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.1 | 47.6 | 142.8 |
| 119 | 66.7 | 32.5 | 97.5 |



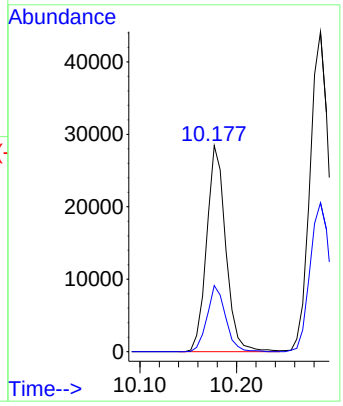


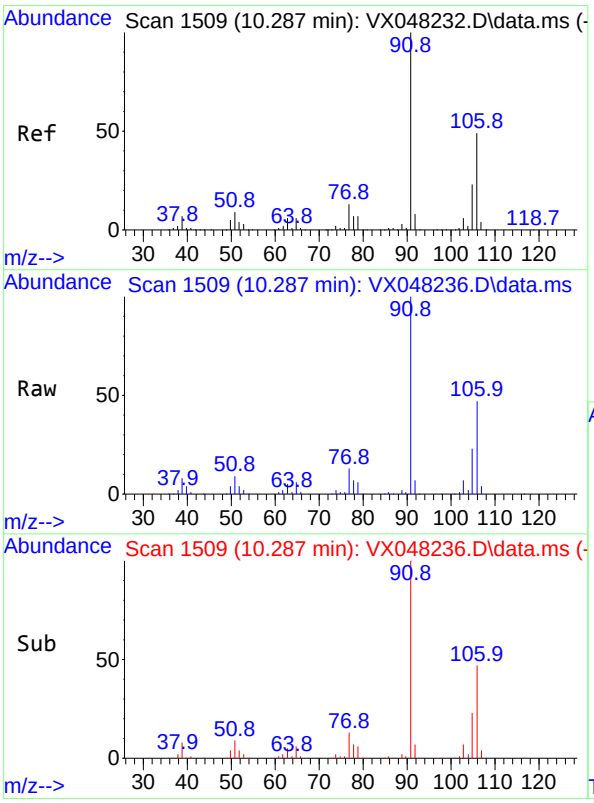

#67
Ethyl Benzene
Concen: 4.899 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 91 Resp: 39121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.1 | 23.8 | 35.6 |

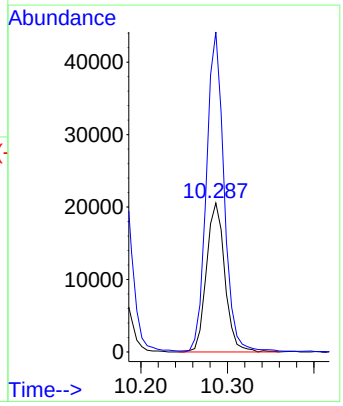


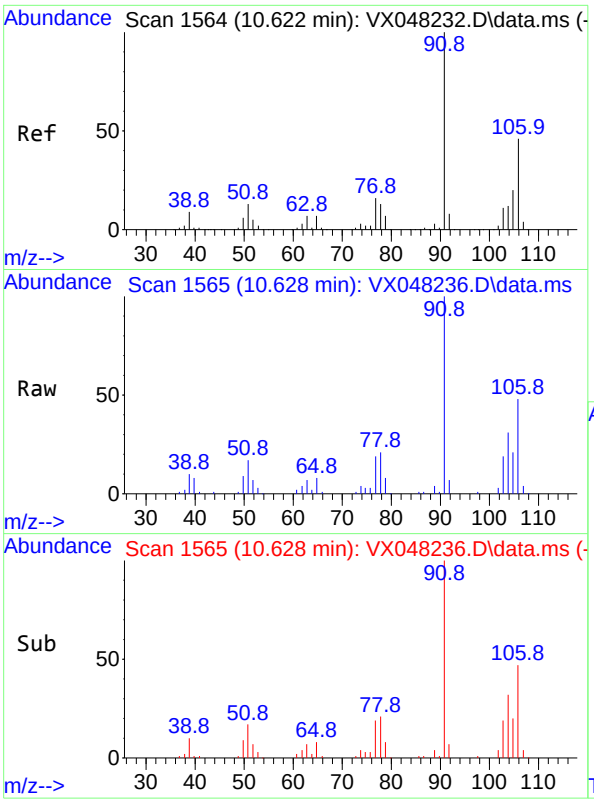




#68
m/p-Xylenes
Concen: 10.217 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:106 Resp: 30310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.7 | 167.9 | 251.9 |



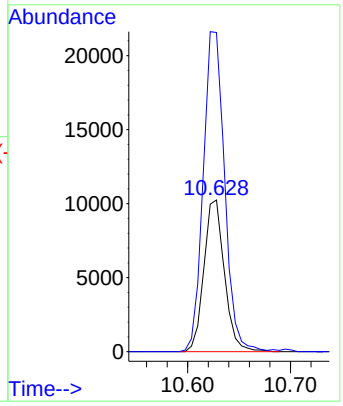


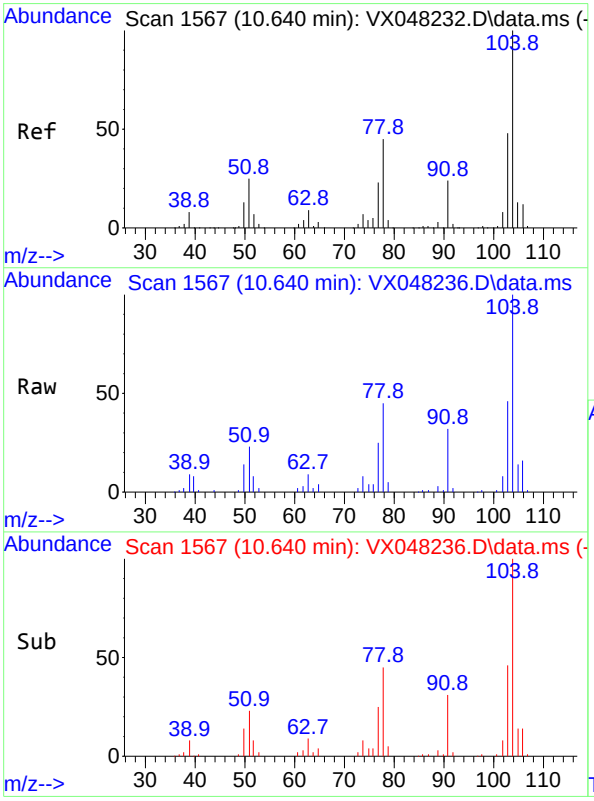

#69
o-Xylene
Concen: 4.979 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:106 Resp: 14262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.6 | 111.3 | 333.9 |

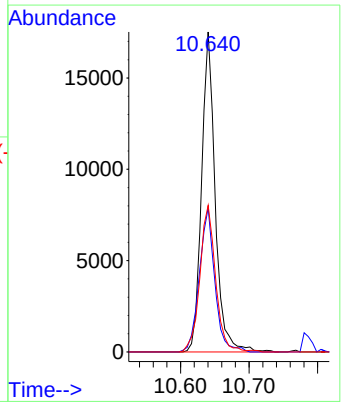


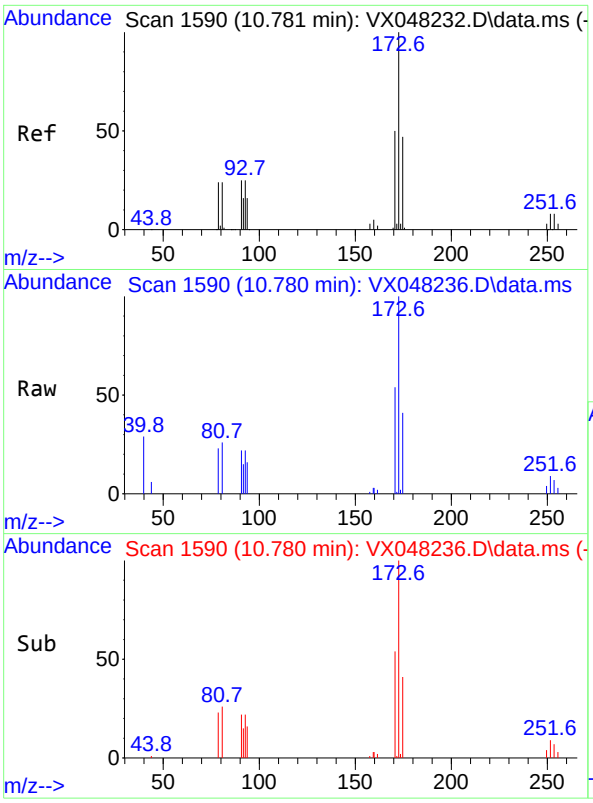




#70
Styrene
Concen: 4.980 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:104 Resp: 24289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.1 | 42.2 | 63.4 |
| 103 | 53.2 | 43.0 | 64.4 |



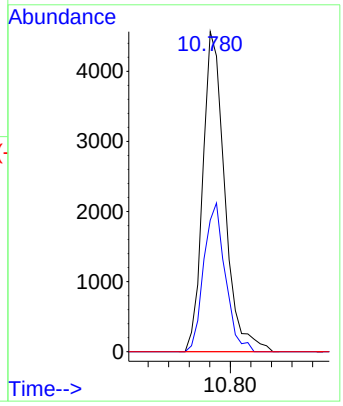


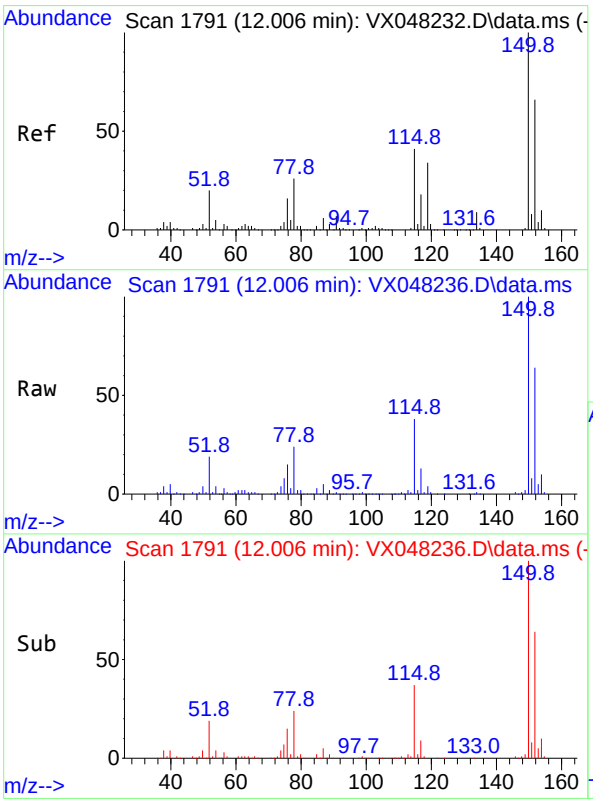

#71
Bromoform
Concen: 4.915 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:173 Resp: 6766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 45.6 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

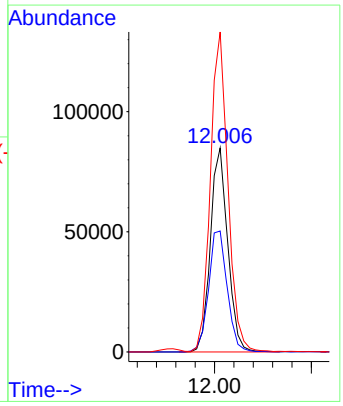


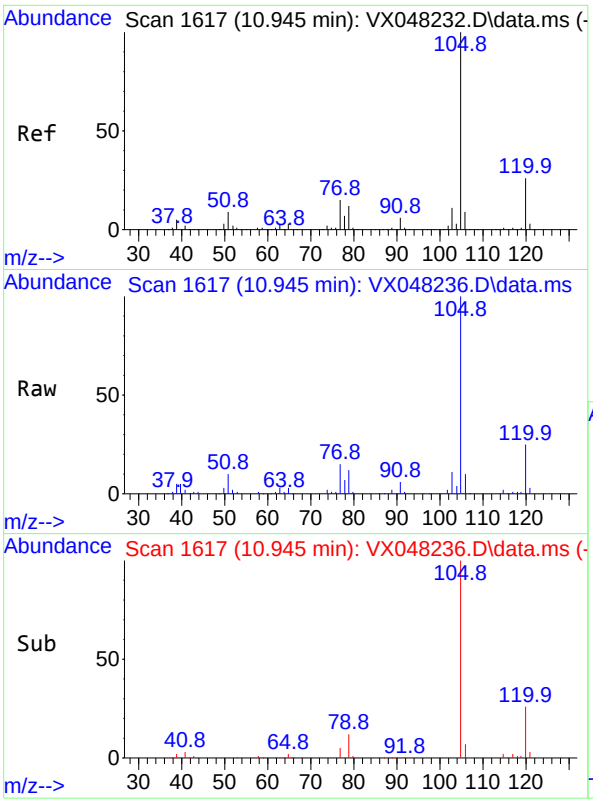




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:152 Resp: 105998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.9 | 43.1 | 129.4 |
| 150 | 157.2 | 0.0 | 353.0 |



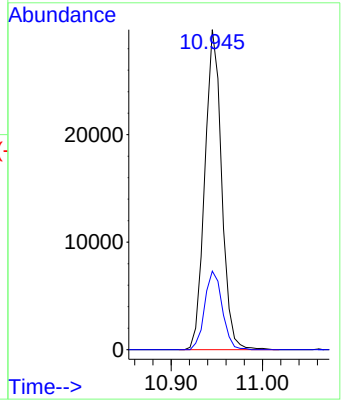


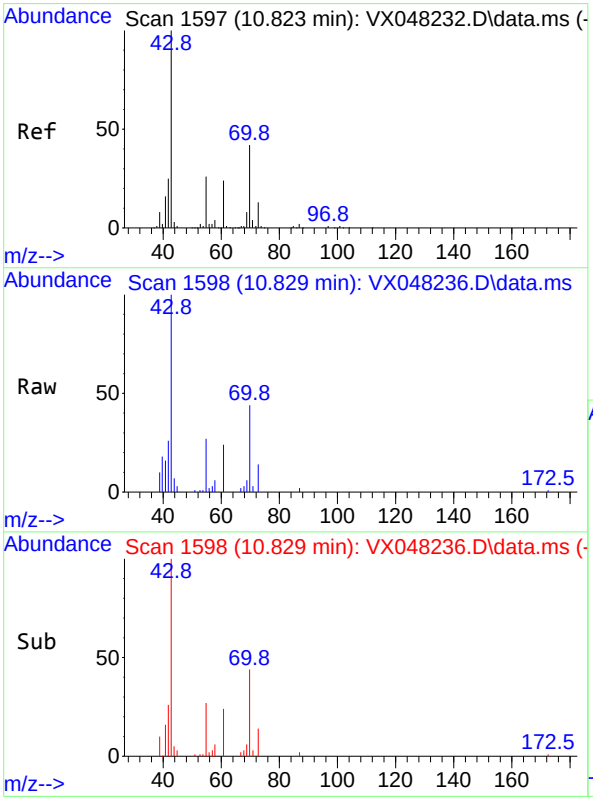

#73
Isopropylbenzene
Concen: 4.900 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:105 Resp: 37935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.6 | 13.0 | 38.9 |

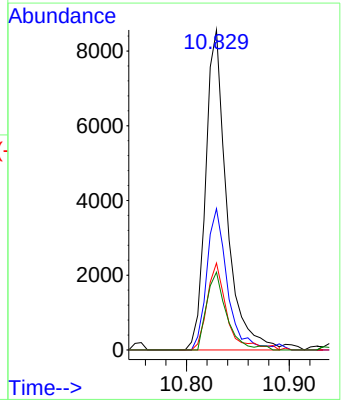


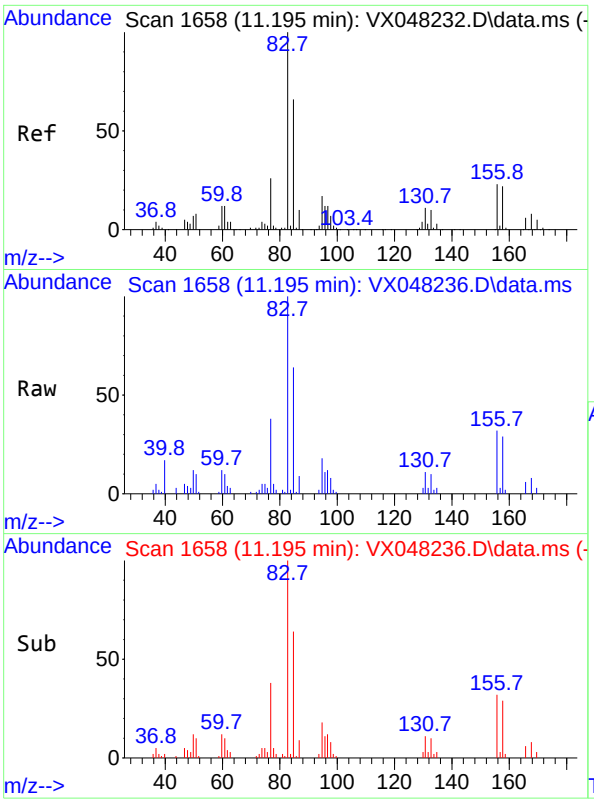




#74
N-amyl acetate
Concen: 4.438 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 12188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.3 | 32.2 | 48.2 |
| 55 | 25.7 | 19.1 | 28.7 |
| 61 | 23.1 | 18.6 | 28.0 |



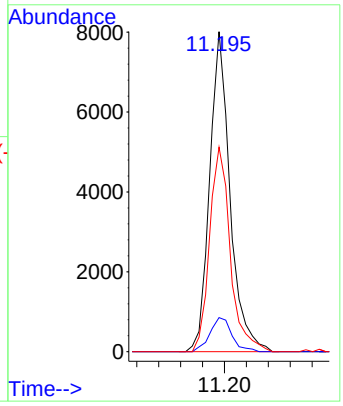


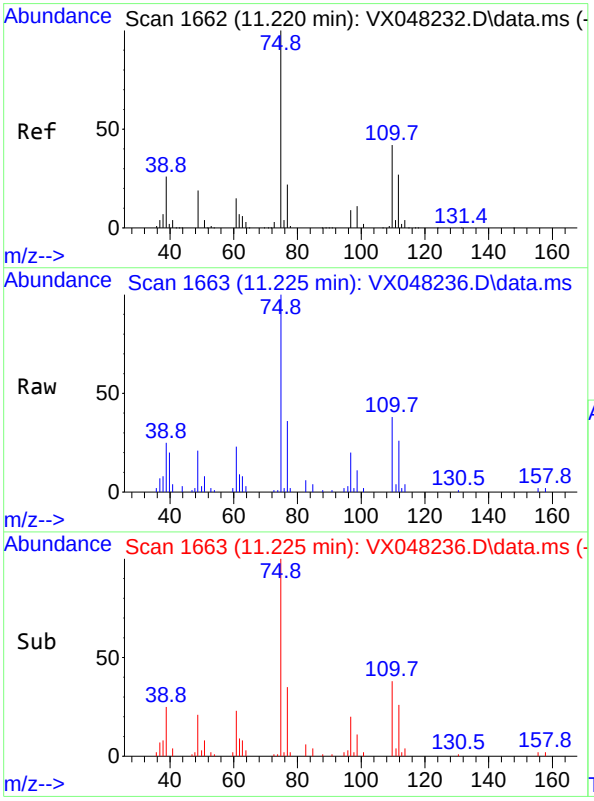

#75
1,1,2,2-Tetrachloroethane
Concen: 4.883 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 10324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.5 | 4.8 | 14.4 |
| 85 | 65.0 | 31.9 | 95.7 |

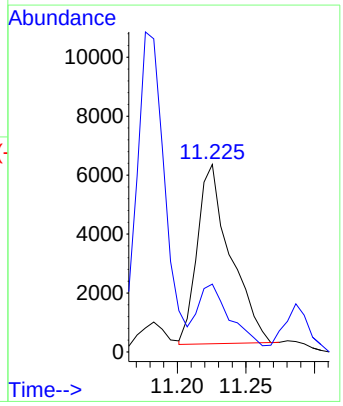


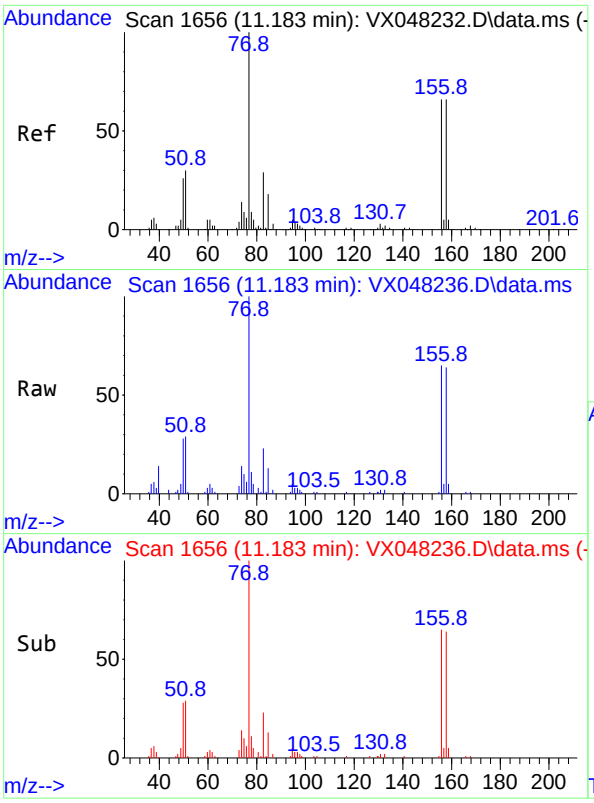




#76
1,2,3-Trichloropropane
Concen: 5.944 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 10217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.2 | 22.4 | 67.2 |



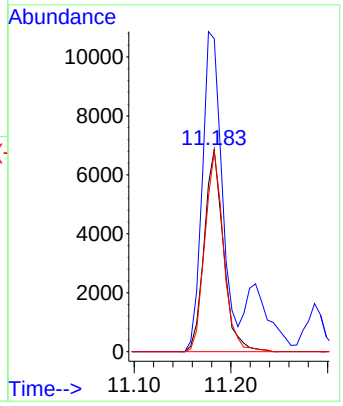


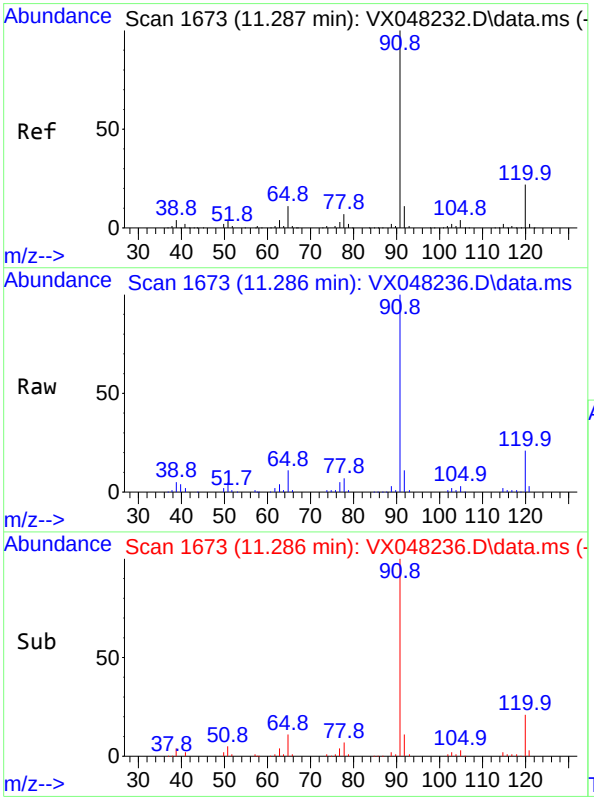

#77
Bromobenzene
Concen: 4.898 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:156 Resp: 9508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 162.1 | 87.0 | 261.0 |
| 158 | 96.5 | 47.8 | 143.4 |

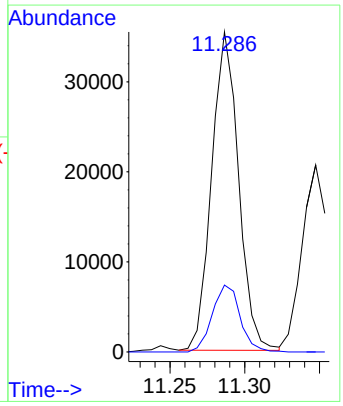


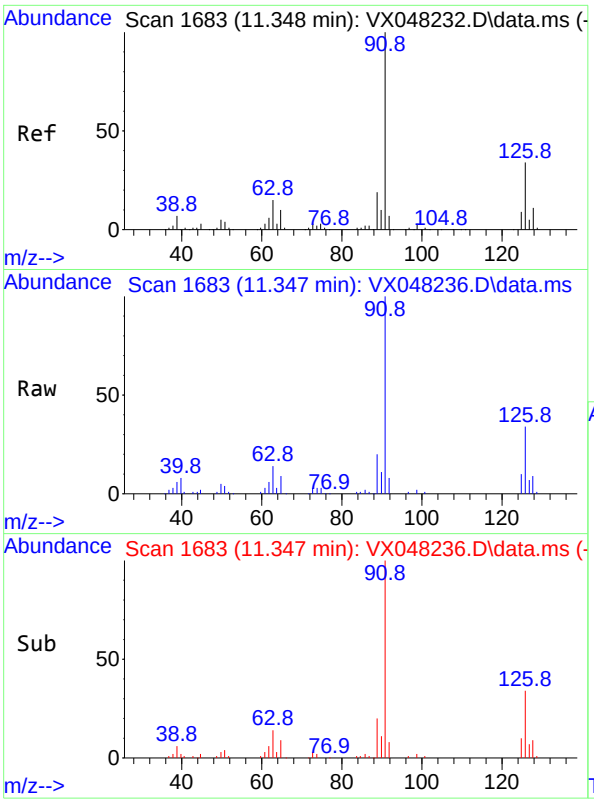




#78
n-propylbenzene
Concen: 4.930 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 44189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.7 | 11.1 | 33.1 |



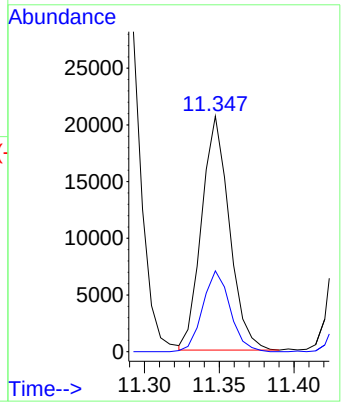


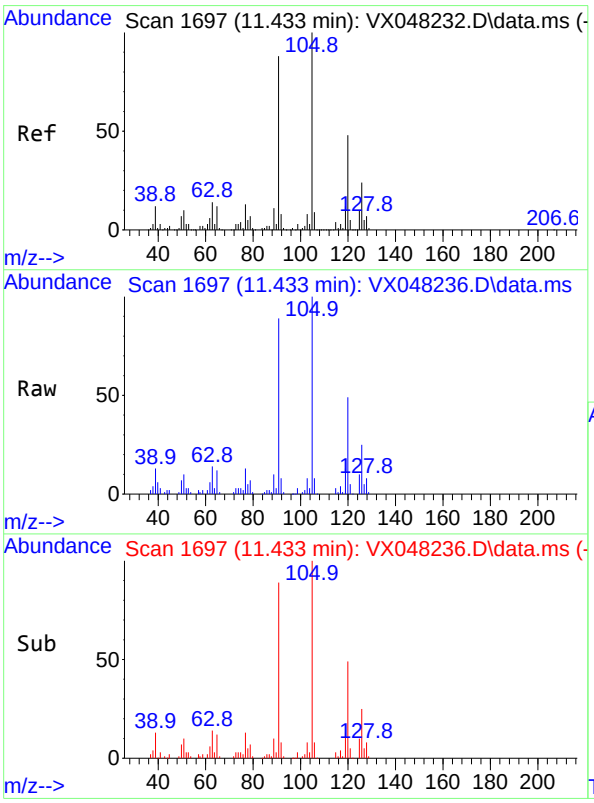

#79
2-Chlorotoluene
Concen: 4.899 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 91 Resp: 26627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.0 | 16.4 | 49.4 |

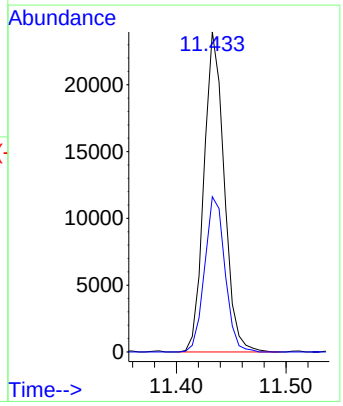


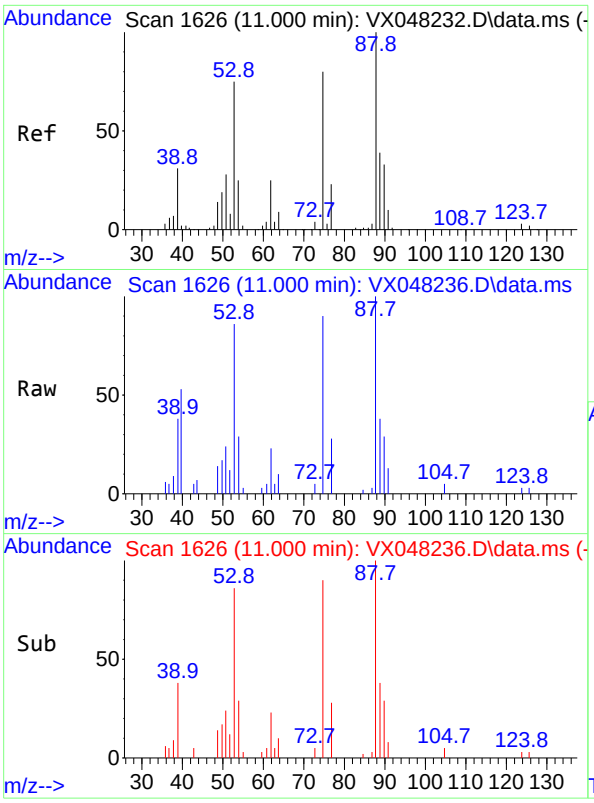




#80
1,3,5-Trimethylbenzene
Concen: 4.779 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 30618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.8 | 24.0 | 72.0 |



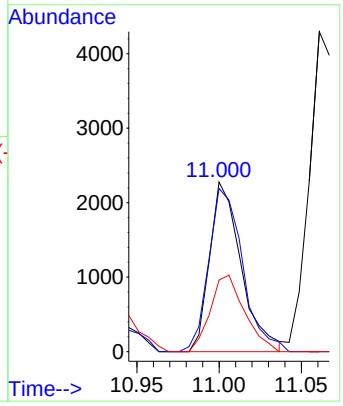


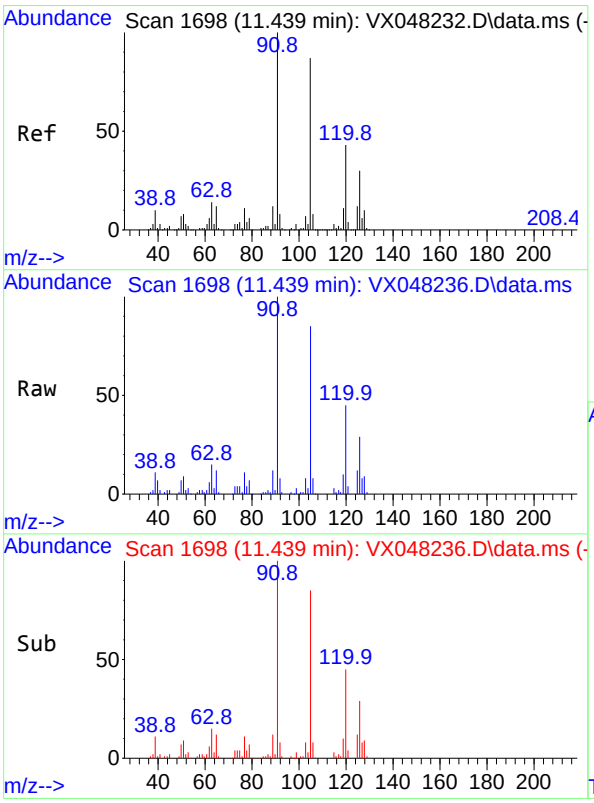

#81
trans-1,4-Dichloro-2-butene
Concen: 4.300 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 75 Resp: 3038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 103.8 | 79.5 | 119.3 |
| 89 | 49.0 | 36.8 | 55.2 |

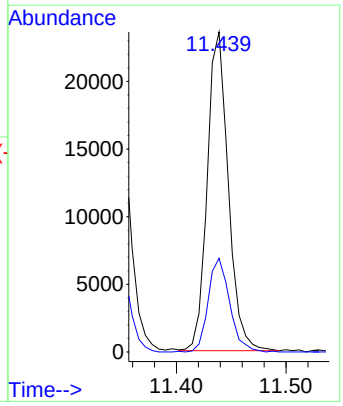


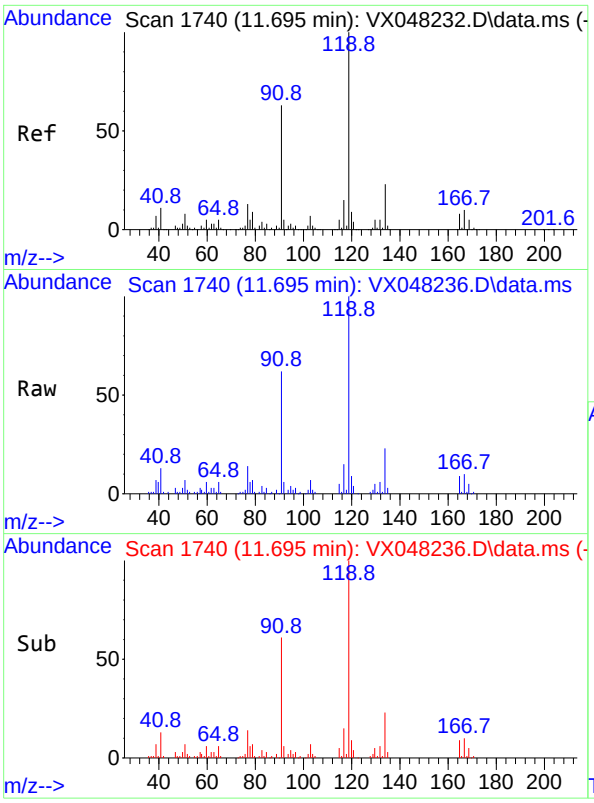




#82
4-Chlorotoluene
Concen: 4.860 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 31357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.1 | 14.1 | 42.4 |



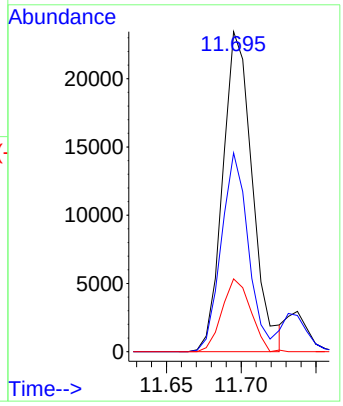


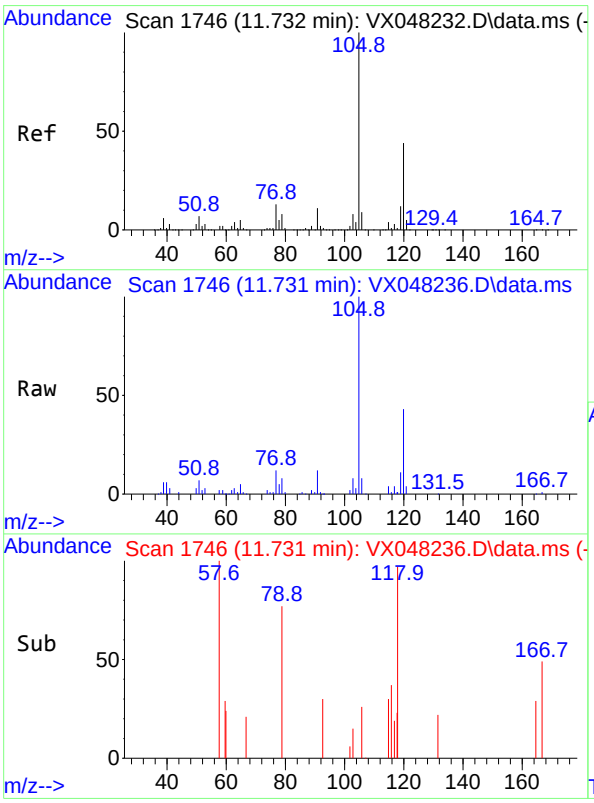

#83
tert-Butylbenzene
Concen: 4.906 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:119 Resp: 32297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 56.8 | 30.3 | 91.0 |
| 134 | 22.0 | 11.4 | 34.2 |

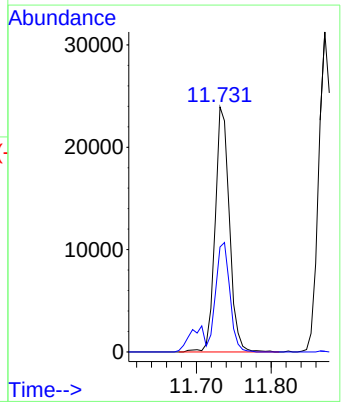


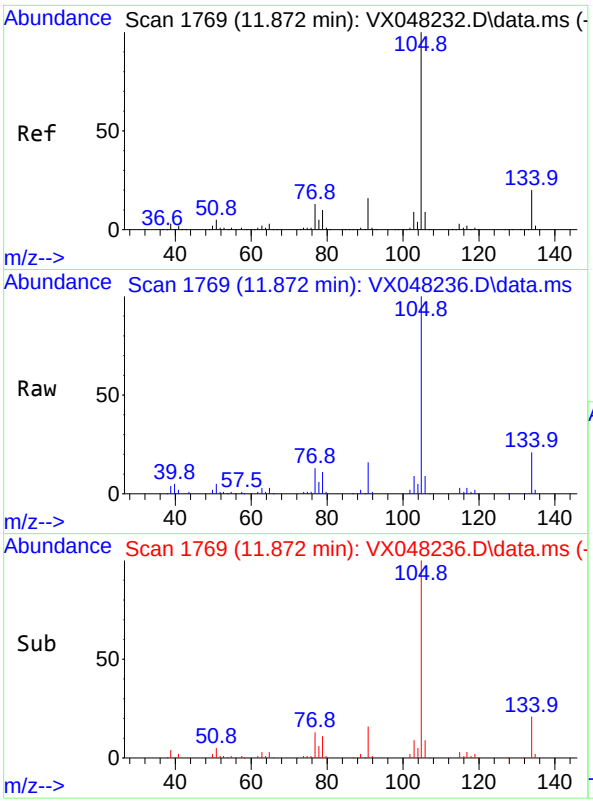




#84
1,2,4-Trimethylbenzene
Concen: 4.959 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 31709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.3 | 22.1 | 66.5 |



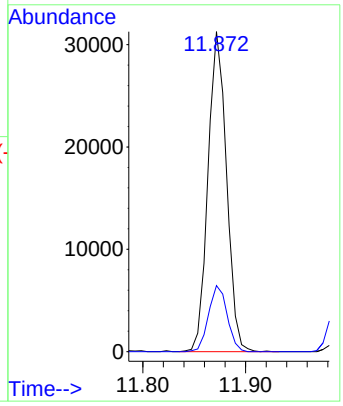


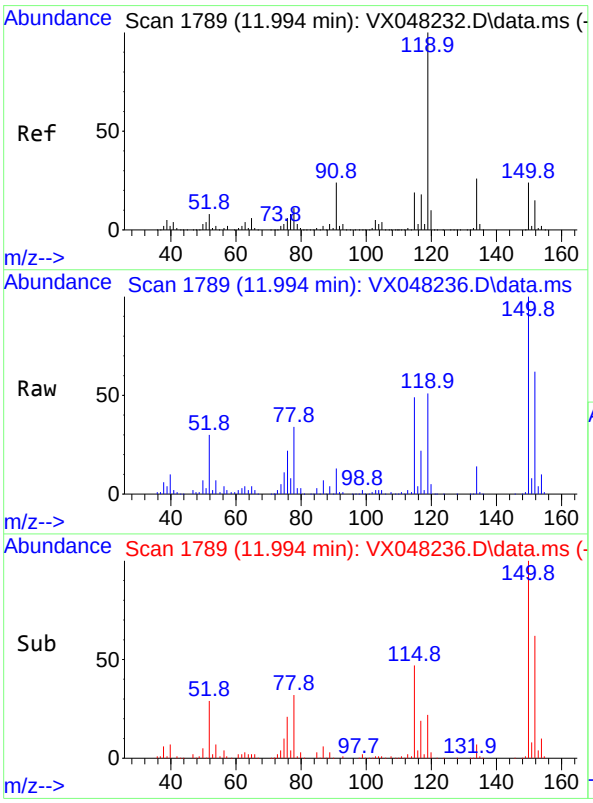

#85
sec-Butylbenzene
Concen: 4.939 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:105 Resp: 39113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.8 | 10.1 | 30.1 |

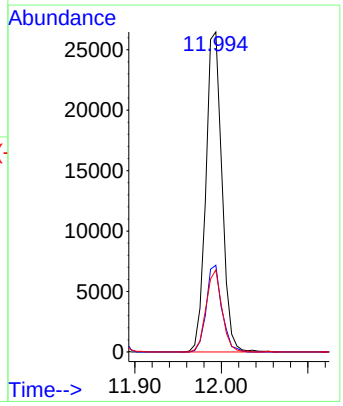


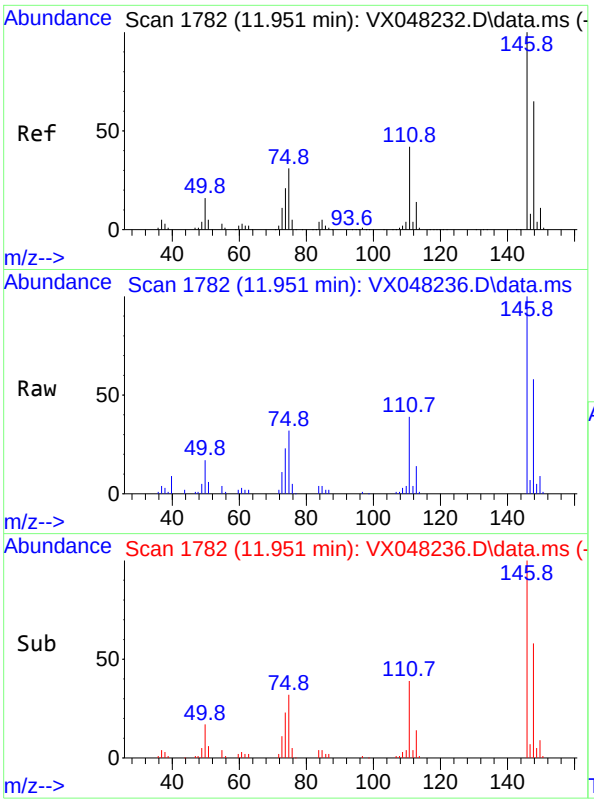




#86
p-Isopropyltoluene
Concen: 4.989 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:119 Resp: 34155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.1 | 13.0 | 39.0 |
| 91 | 25.3 | 12.1 | 36.3 |



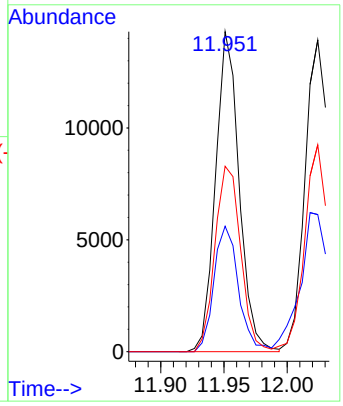


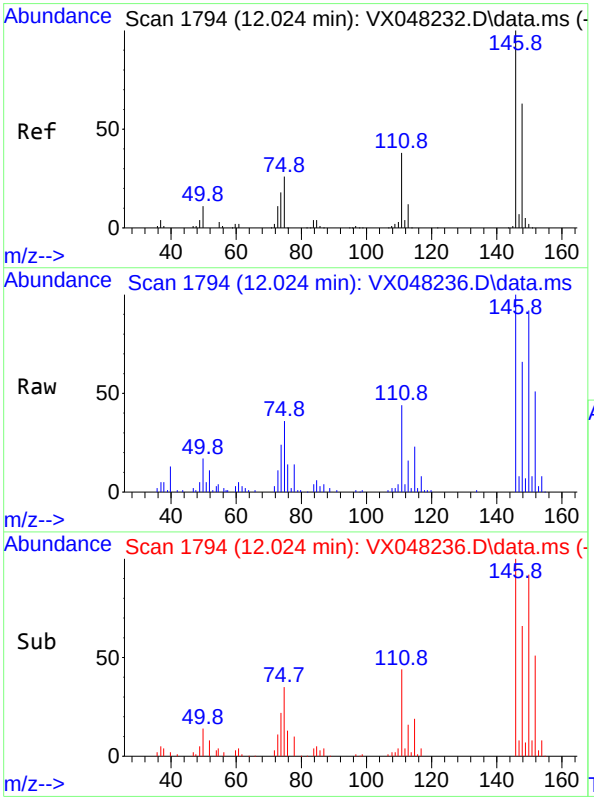

#87
1,3-Dichlorobenzene
Concen: 5.068 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:146 Resp: 18546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.9 | 20.4 | 61.2 |
| 148 | 63.1 | 31.9 | 95.9 |

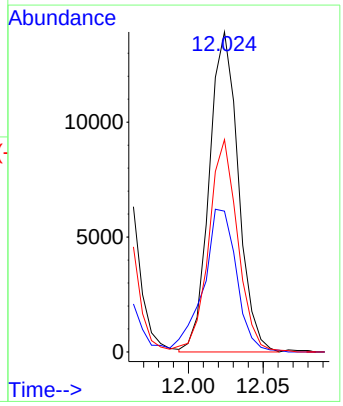


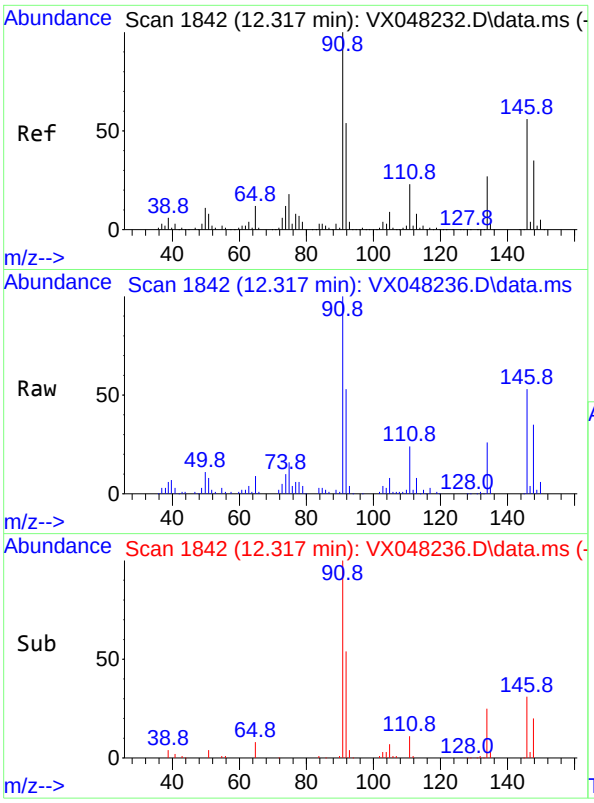




#88
1,4-Dichlorobenzene
Concen: 4.955 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:146 Resp: 18787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 50.9 | 20.1 | 60.2 |
| 148 | 66.5 | 31.8 | 95.3 |



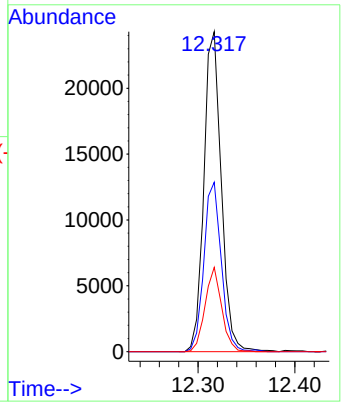


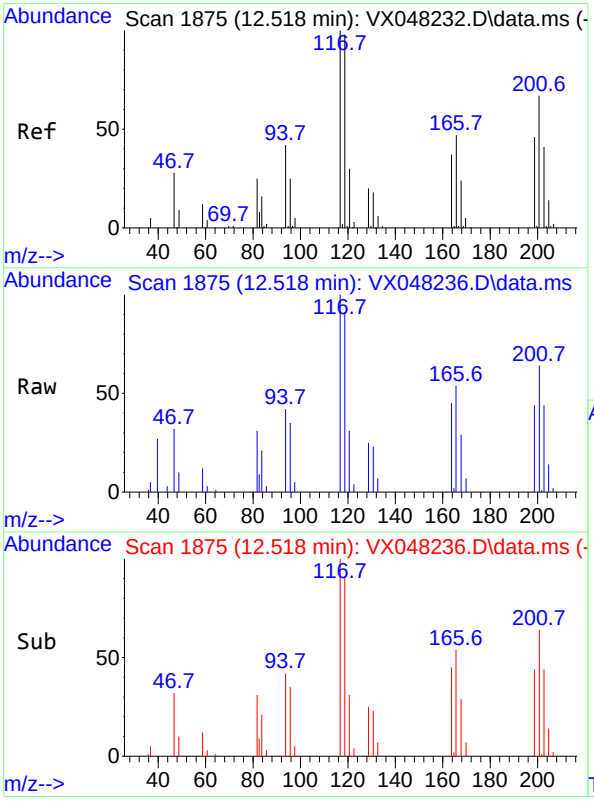

#89
n-Butylbenzene
Concen: 4.880 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 91 Resp: 30409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.1 | 26.9 | 80.6 |
| 134 | 25.2 | 12.7 | 38.1 |

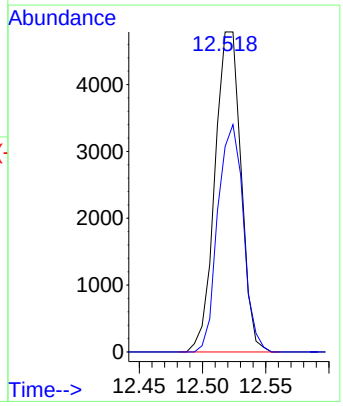


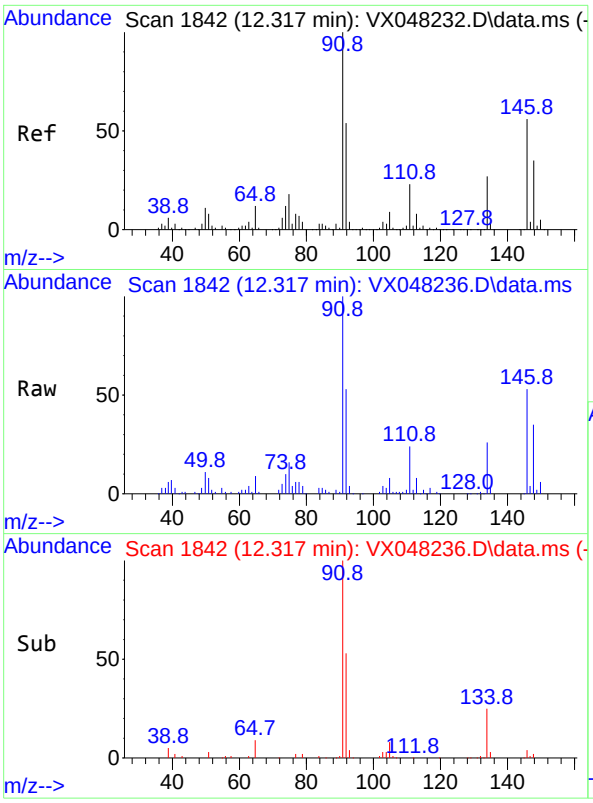




#90
Hexachloroethane
Concen: 5.077 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 6863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 69.4 | 34.1 | 102.2 |



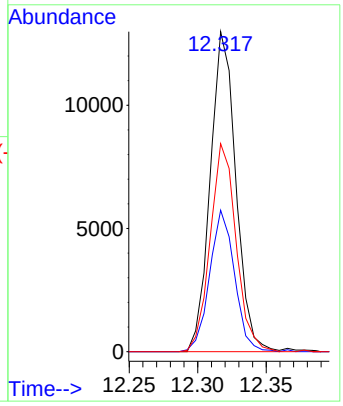


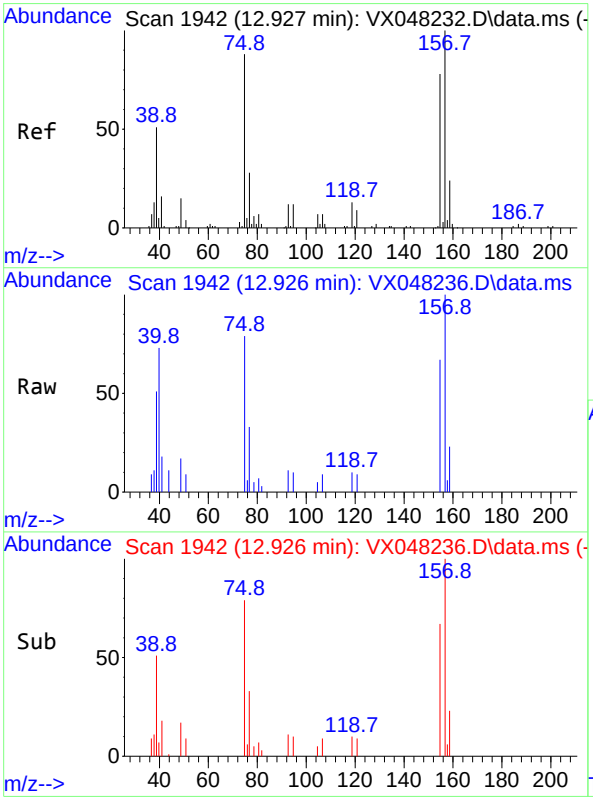

#91
1,2-Dichlorobenzene
Concen: 4.904 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:146 Resp: 16849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.0 | 21.9 | 65.5 |
| 148 | 65.9 | 31.9 | 95.5 |

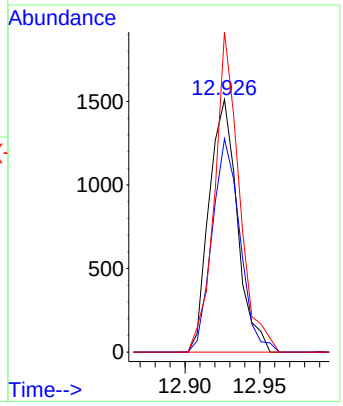


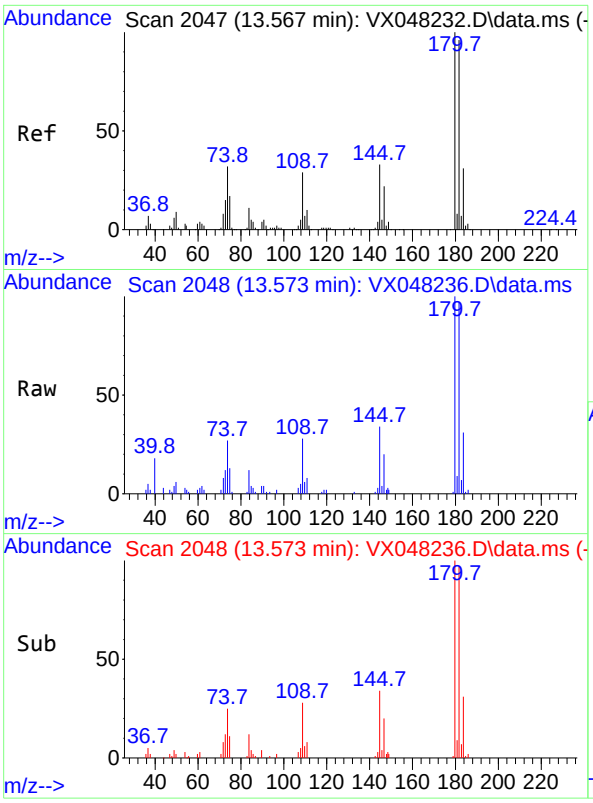




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.623 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 1984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.2 | 42.8 | 128.4 |
| 157 | 110.7 | 54.2 | 162.6 |



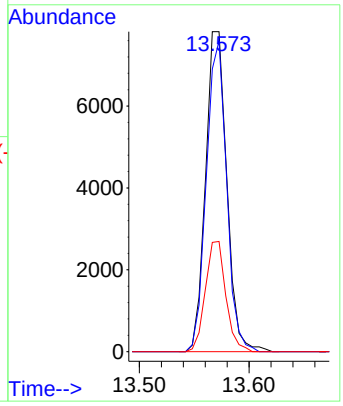


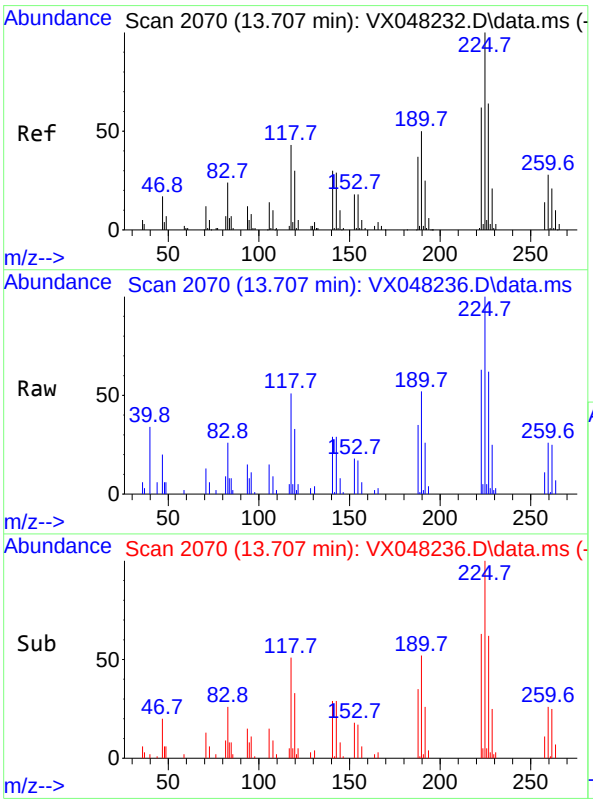

#93
1,2,4-Trichlorobenzene
Concen: 4.535 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:180 Resp: 10538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.5 | 47.3 | 142.0 |
| 145 | 33.2 | 16.3 | 48.9 |

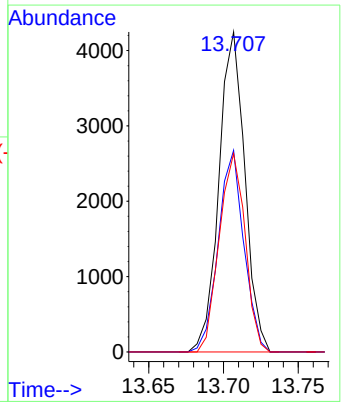


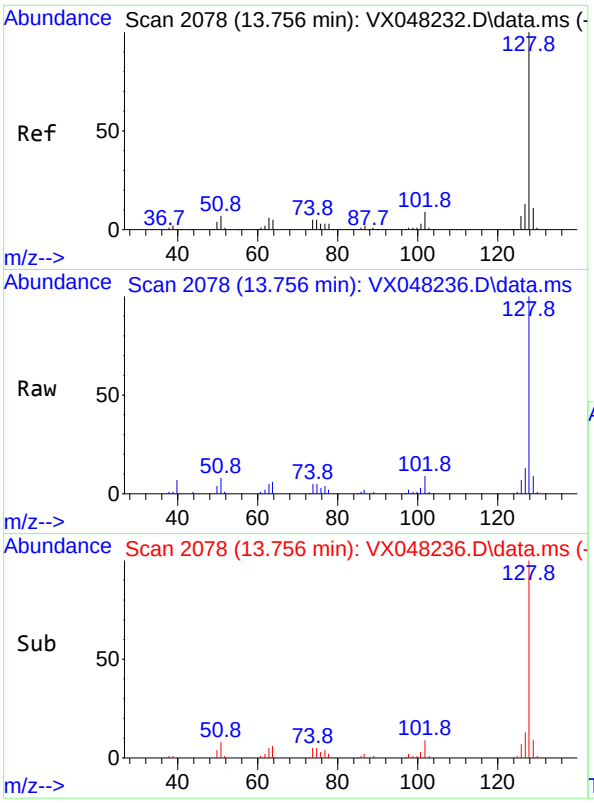




#94
Hexachlorobutadiene
Concen: 5.931 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:225 Resp: 5113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 32.6 | 97.7 |
| 227 | 62.0 | 32.5 | 97.4 |



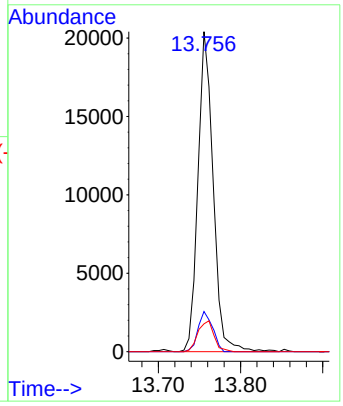


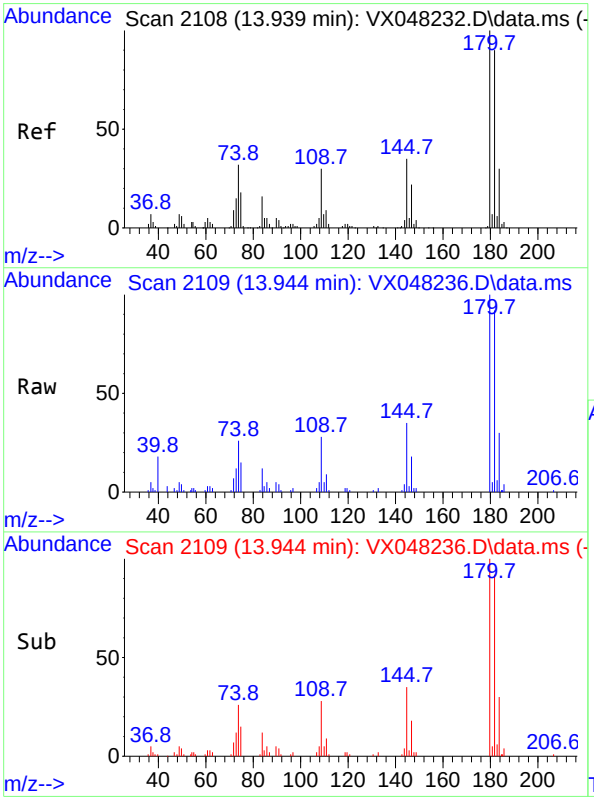

#95
Naphthalene
Concen: 4.259 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:128 Resp: 26218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.0 | 10.2 | 15.4 |
| 129 | 10.2 | 8.6 | 12.8 |

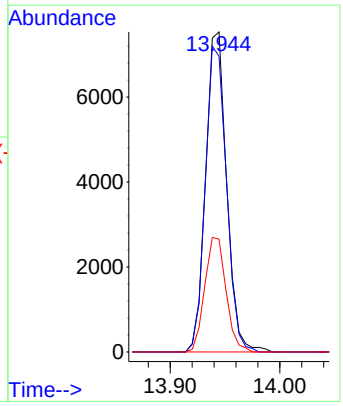



#96
1,2,3-Trichlorobenzene
Concen: 4.709 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:180 Resp: 10040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 46.6 | 139.7 |
| 145 | 36.3 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 144715 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.739 | 114 | 229650 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 201397 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.000 | 152 | 99108 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 92700 | 45.687 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 91.380% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 76746 | 48.951 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 97.900% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 265898 | 48.386 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 96.780% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 97828 | 46.795 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 93.580% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 76365 | 51.331 | ug/l | 99 |
| 3) Chloromethane | 1.301 | 50 | 74279 | 53.491 | ug/l | 99 |
| 4) Vinyl Chloride | 1.380 | 62 | 71290 | 55.441 | ug/l | 99 |
| 5) Bromomethane | 1.611 | 94 | 47863 | 54.847 | ug/l | 96 |
| 6) Chloroethane | 1.691 | 64 | 42556 | 56.320 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 128754 | 52.209 | ug/l | 97 |
| 8) Diethyl Ether | 2.136 | 74 | 37292 | 53.742 | ug/l | 89 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 83688 | 53.589 | ug/l | 96 |
| 10) Methyl Iodide | 2.453 | 142 | 94222 | 47.994 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.934 | 59 | 45064 | 223.693 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.319 | 96 | 79070 | 52.043 | ug/l | 92 |
| 13) Acrolein | 2.233 | 56 | 51257 | 249.473 | ug/l | 98 |
| 14) Allyl chloride | 2.660 | 41 | 128896 | 51.099 | ug/l | 97 |
| 15) Acrylonitrile | 3.050 | 53 | 182260 | 250.900 | ug/l | 100 |
| 16) Acetone | 2.373 | 43 | 152988 | 219.789 | ug/l | 96 |
| 17) Carbon Disulfide | 2.514 | 76 | 233630 | 48.792 | ug/l | 99 |
| 18) Methyl Acetate | 2.697 | 43 | 71506 | 49.190 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 254812 | 49.162 | ug/l | 98 |
| 20) Methylene Chloride | 2.782 | 84 | 86610 | 51.066 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 85000 | 50.932 | ug/l | 96 |
| 22) Diisopropyl ether | 3.745 | 45 | 259934 | 51.665 | ug/l | 99 |
| 23) Vinyl Acetate | 3.709 | 43 | 1045584 | 260.168 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.599 | 63 | 150557 | 49.490 | ug/l | 99 |
| 25) 2-Butanone | 4.532 | 43 | 209999 | 238.354 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.458 | 77 | 132433 | 48.230 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.471 | 96 | 98066 | 50.350 | ug/l | 96 |
| 28) Bromochloromethane | 4.879 | 49 | 58764 | 46.587 | ug/l | 87 |
| 29) Tetrahydrofuran | 4.977 | 42 | 127995 | 242.572 | ug/l | 95 |
| 30) Chloroform | 5.074 | 83 | 157397 | 48.427 | ug/l | 99 |
| 31) Cyclohexane | 5.458 | 56 | 132594 | 52.646 | ug/l | 92 |
| 32) 1,1,1-Trichloroethane | 5.361 | 97 | 144706 | 48.309 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.672 | 75 | 109957 | 49.344 | ug/l | 100 |
| 37) Ethyl Acetate | 4.690 | 43 | 88074 | 47.684 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.659 | 117 | 132590 | 48.228 | ug/l | 99 |
| 39) Methylcyclohexane | 7.360 | 83 | 138611 | 52.670 | ug/l | 94 |
| 40) Benzene | 6.019 | 78 | 325041 | 50.241 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.891 | 41 | 48846 | 50.358 | ug/l | | 95 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 116893 | 48.963 | ug/l | | 98 |
| 43) Isopropyl Acetate | 6.318 | 43 | 151140 | 49.816 | ug/l | | 95 |
| 44) Trichloroethene | 7.104 | 130 | 86410 | 50.582 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 7.409 | 63 | 78439 | 50.994 | ug/l | | 98 |
| 46) Dibromomethane | 7.562 | 93 | 58616 | 48.913 | ug/l | | 94 |
| 47) Bromodichloromethane | 7.799 | 83 | 125388 | 48.459 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.671 | 41 | 75812 | 49.519 | ug/l | | 94 |
| 49) 1,4-Dioxane | 7.635 | 88 | 20230 | 1000.197 | ug/l | | 90 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 428393 | 244.897 | ug/l | | 95 |
| 52) Toluene | 8.702 | 92 | 205867 | 50.088 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.958 | 75 | 124683 | 50.004 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 134360 | 49.944 | ug/l | | 93 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 75808 | 49.597 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.098 | 69 | 111702 | 49.964 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.287 | 76 | 128519 | 49.226 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.220 | 63 | 290992 | 242.124 | ug/l | | 96 |
| 59) 2-Hexanone | 9.409 | 43 | 300183 | 246.102 | ug/l | | 96 |
| 60) Dibromochloromethane | 9.500 | 129 | 97643 | 47.530 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 80363 | 49.319 | ug/l | | 97 |
| 64) Tetrachloroethene | 9.256 | 164 | 73198 | 48.686 | ug/l | | 95 |
| 65) Chlorobenzene | 10.061 | 112 | 226953 | 50.095 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.140 | 131 | 81561 | 49.014 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 391830 | 50.798 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.281 | 106 | 293516 | 102.416 | ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 139515 | 50.424 | ug/l | | 99 |
| 70) Styrene | 10.634 | 104 | 243341 | 51.651 | ug/l | | 100 |
| 71) Bromoform | 10.781 | 173 | 64170 | 48.250 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 373948 | 51.658 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 131979 | 51.399 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 98715 | 49.936 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 111265 | 69.229 | ug/l | | 82 |
| 77) Bromobenzene | 11.177 | 156 | 91000 | 50.135 | ug/l | | 94 |
| 78) n-propylbenzene | 11.287 | 91 | 435662 | 51.980 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.341 | 91 | 257936 | 50.760 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 305027 | 50.918 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 33027 | 49.995 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 304670 | 50.507 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 309524 | 50.288 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 308529 | 51.607 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.872 | 105 | 379368 | 51.230 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 324425 | 50.686 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 165027 | 48.229 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 168102 | 47.423 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 289706 | 49.728 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 61223 | 48.437 | ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 157812 | 49.123 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 19691 | 49.072 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 101983 | 46.941 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 39299 | 48.274 | ug/l | | 99 |
| 95) Naphthalene | 13.756 | 128 | 289882 | 50.362 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.938 | 180 | 96139 | 48.223 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

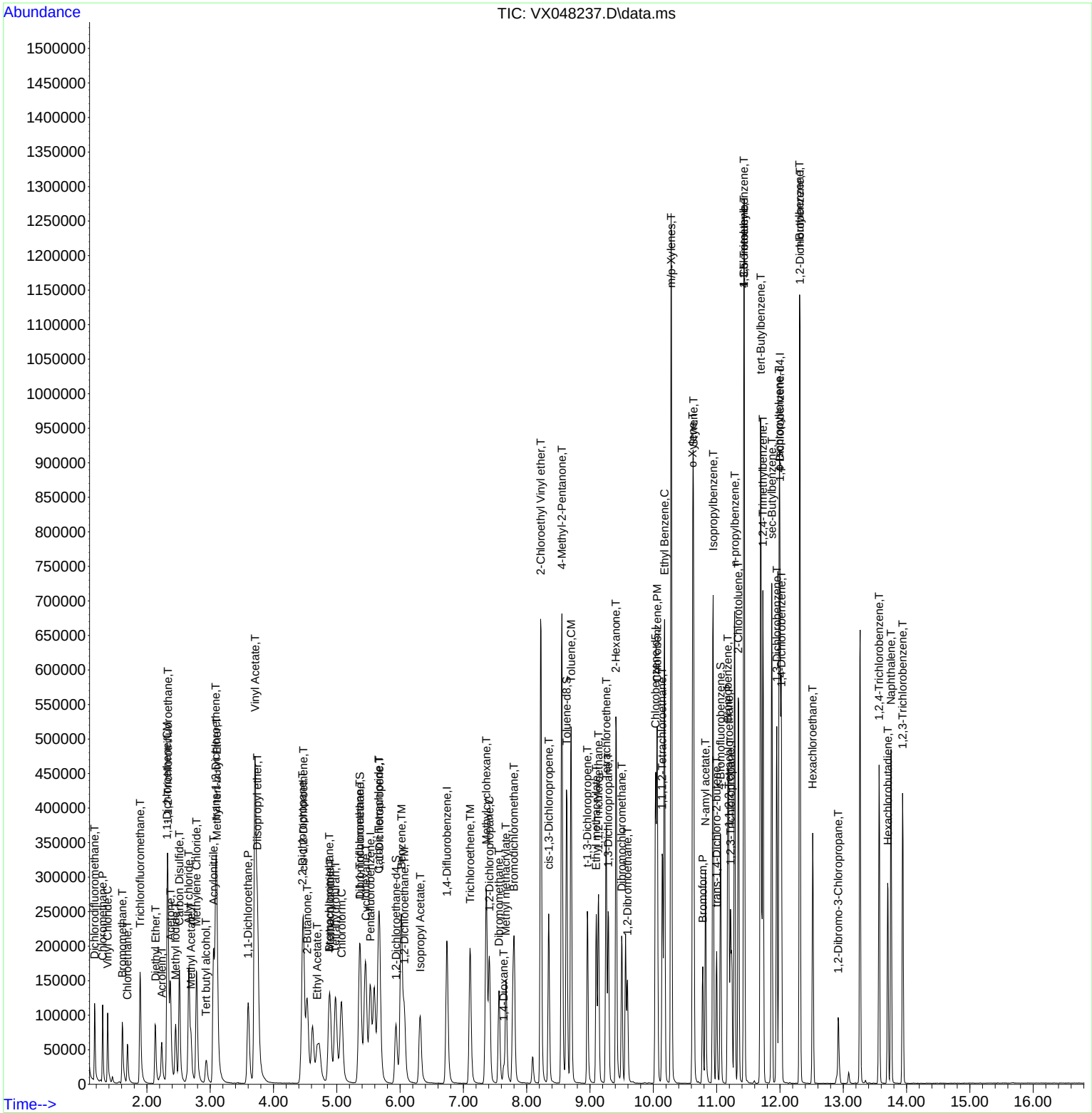
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

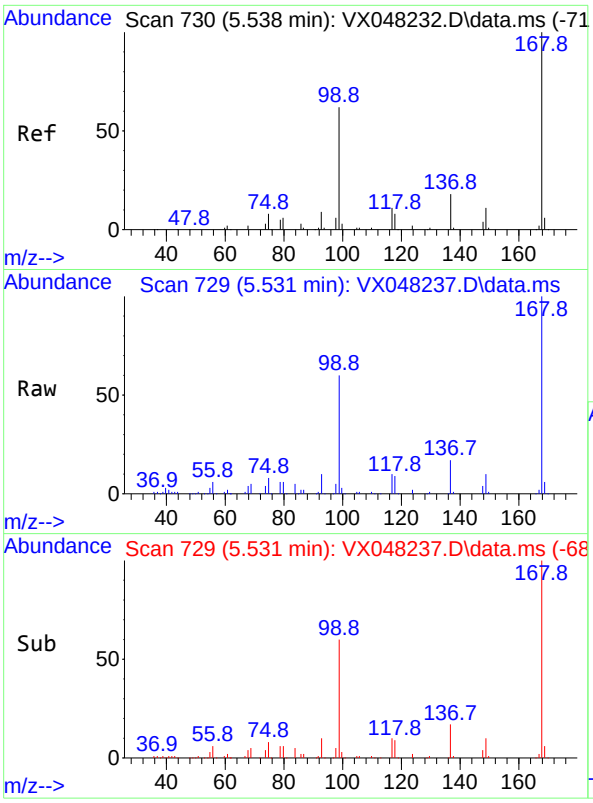
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



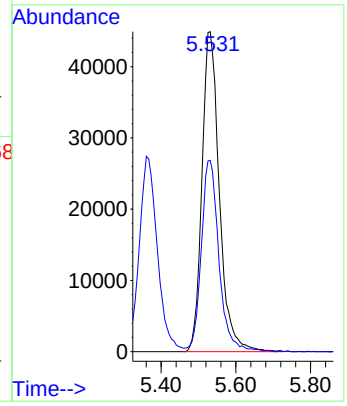


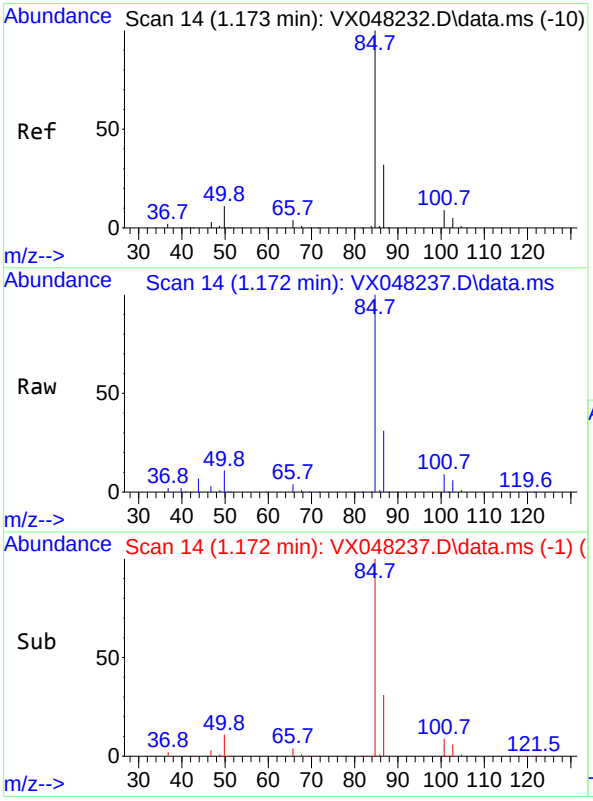

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:168 Resp: 144715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.7 | 46.4 | 69.6 |

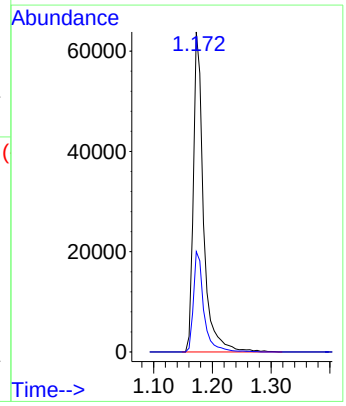


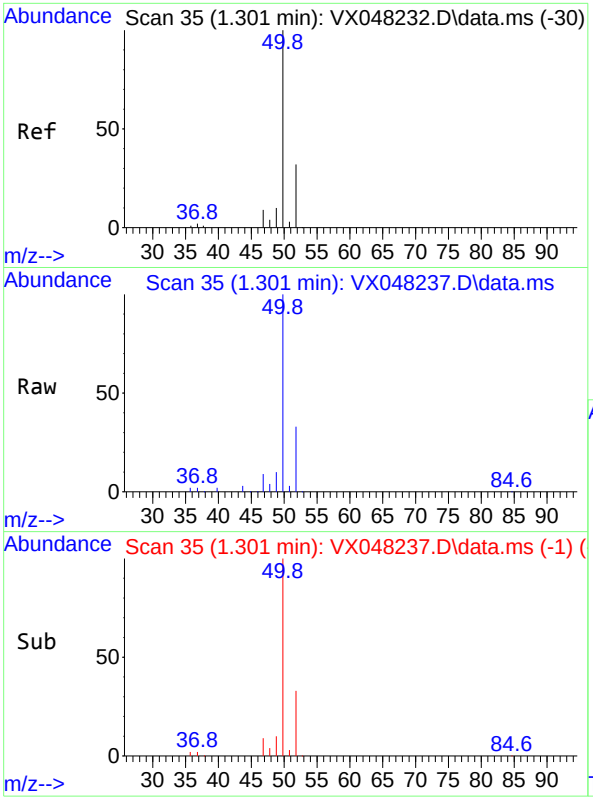




#2
Dichlorodifluoromethane
Concen: 51.331 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 85 Resp: 76365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.4 | 15.3 | 45.9 |



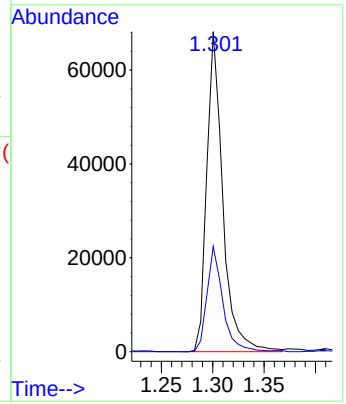


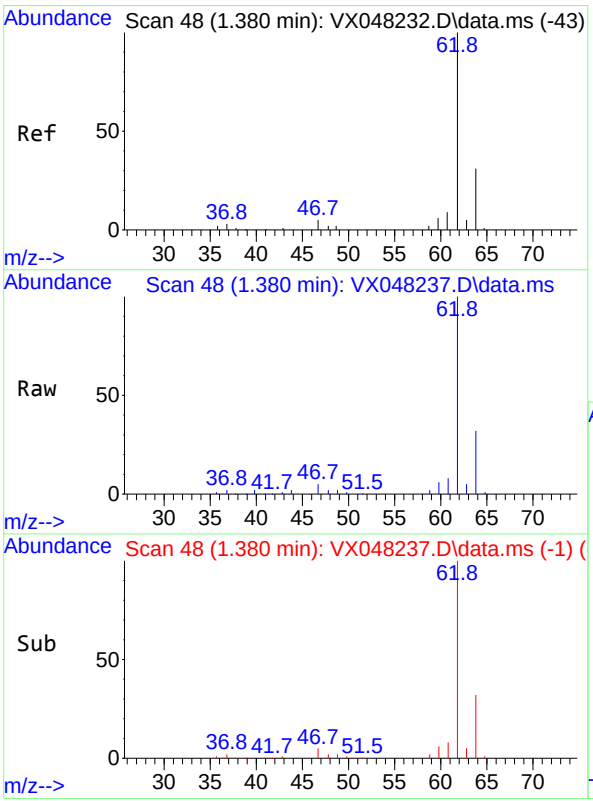

#3
Chloromethane
Concen: 53.491 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 50 Resp: 74279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 25.9 | 38.9 |

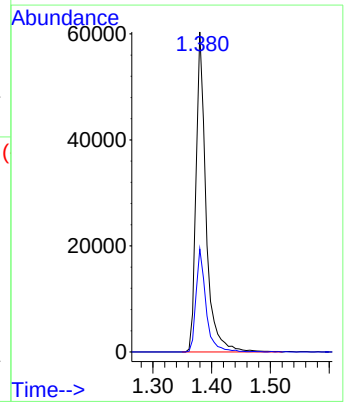


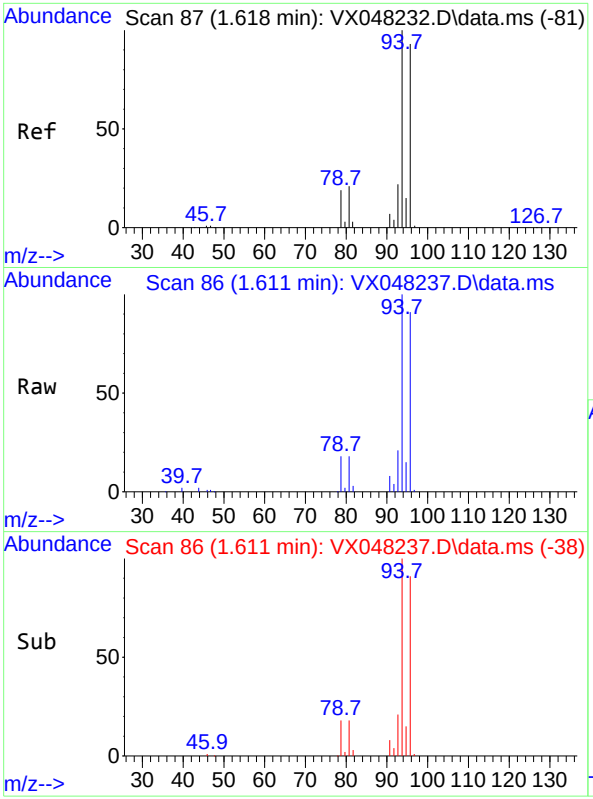




#4
Vinyl Chloride
Concen: 55.441 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 71290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.2 | 25.1 | 37.7 |



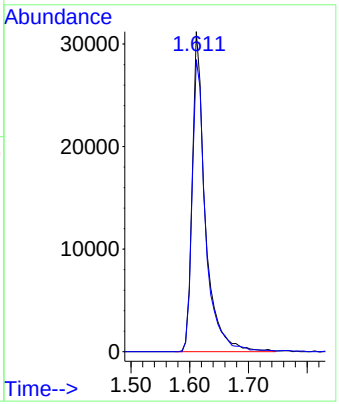


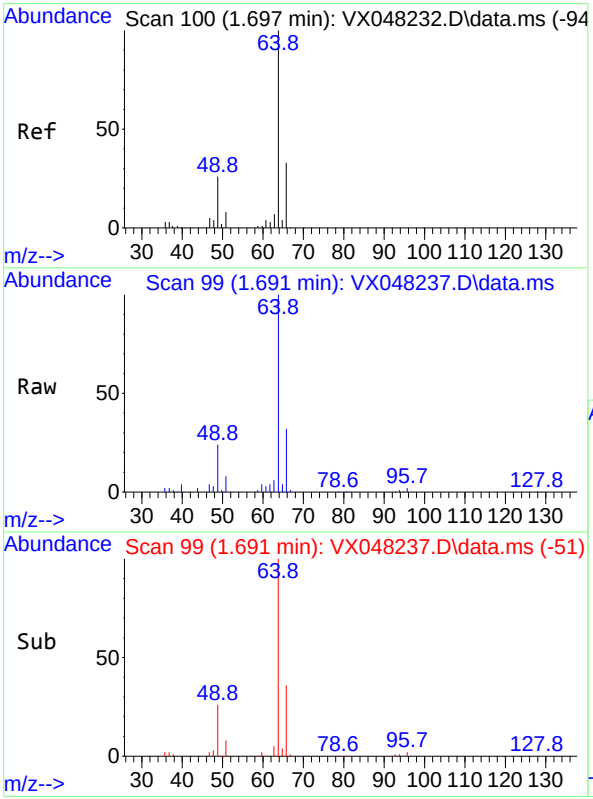

#5
Bromomethane
Concen: 54.847 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 94 Resp: 47863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.2 | 76.0 | 114.0 |

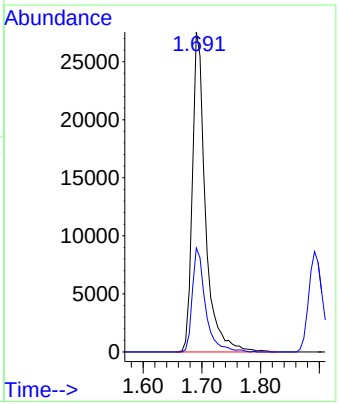


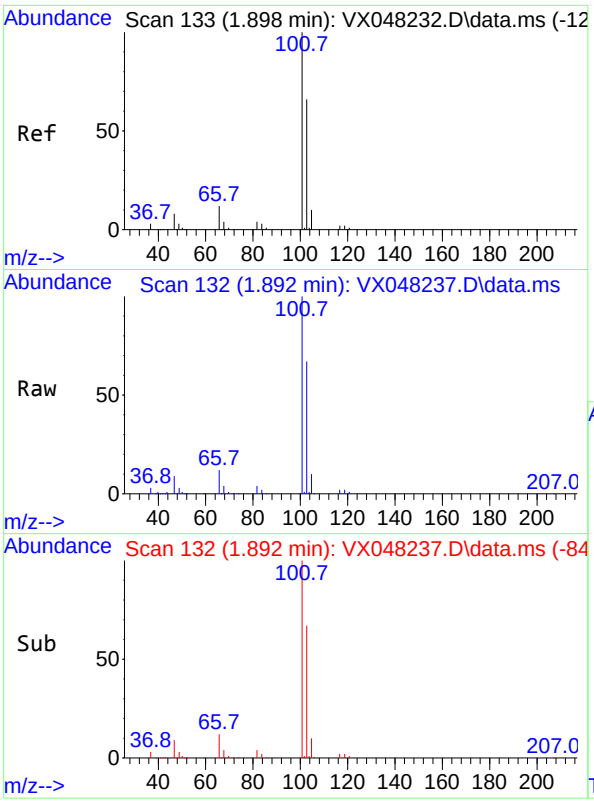




#6
Chloroethane
Concen: 56.320 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 64 Resp: 42556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.5 | 23.9 | 35.9 |



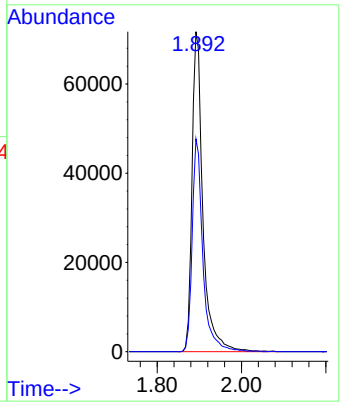


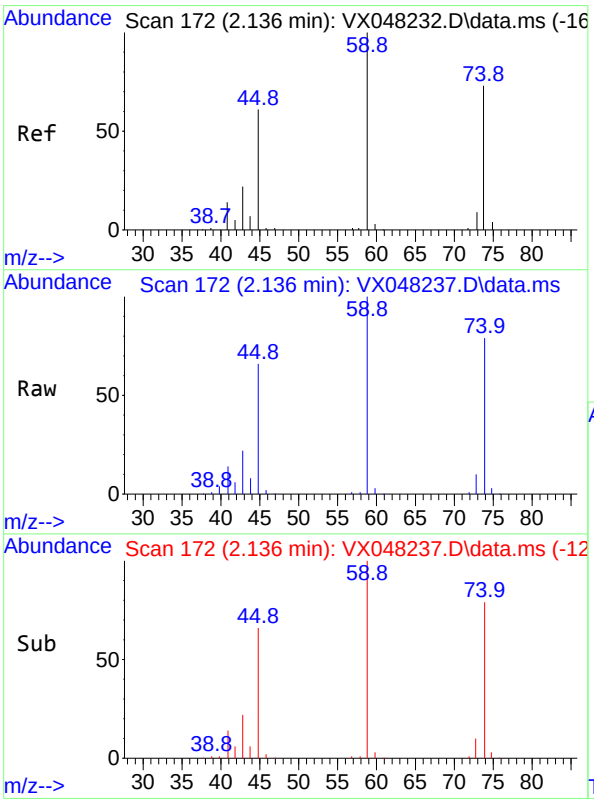

#7
Trichlorofluoromethane
Concen: 52.209 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:101 Resp: 128754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.5 | 51.6 | 77.4 |

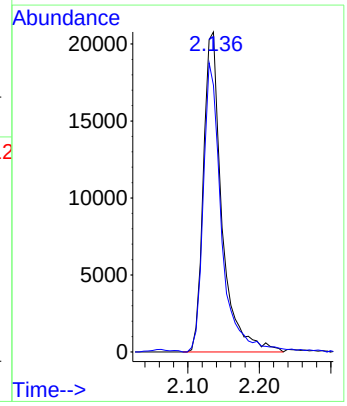


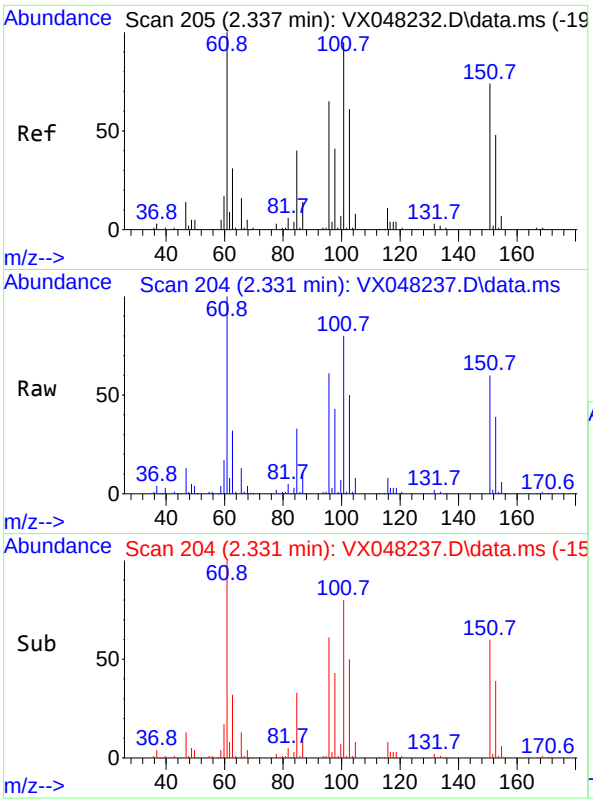




#8
Diethyl Ether
Concen: 53.742 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 74 Resp: 37292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 89.3 | 50.0 | 149.8 |



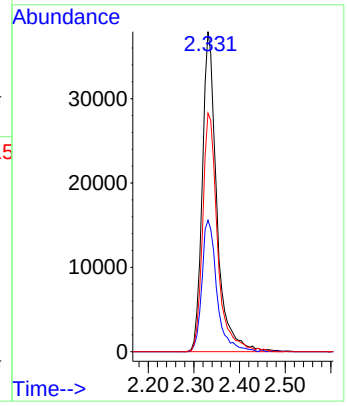


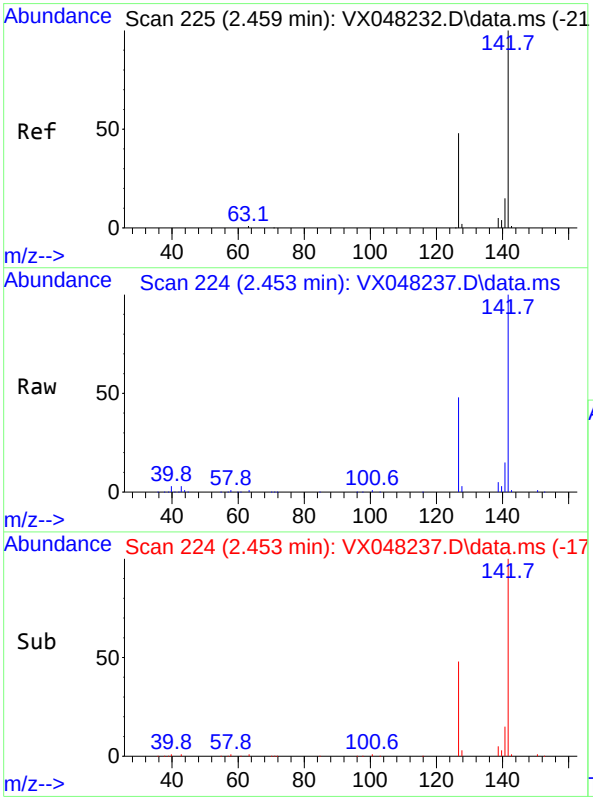

#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.589 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:101 Resp: 83688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.4 | 35.6 | 53.4 |
| 151 | 76.9 | 58.0 | 87.0 |

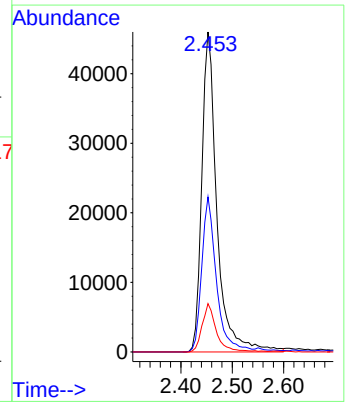


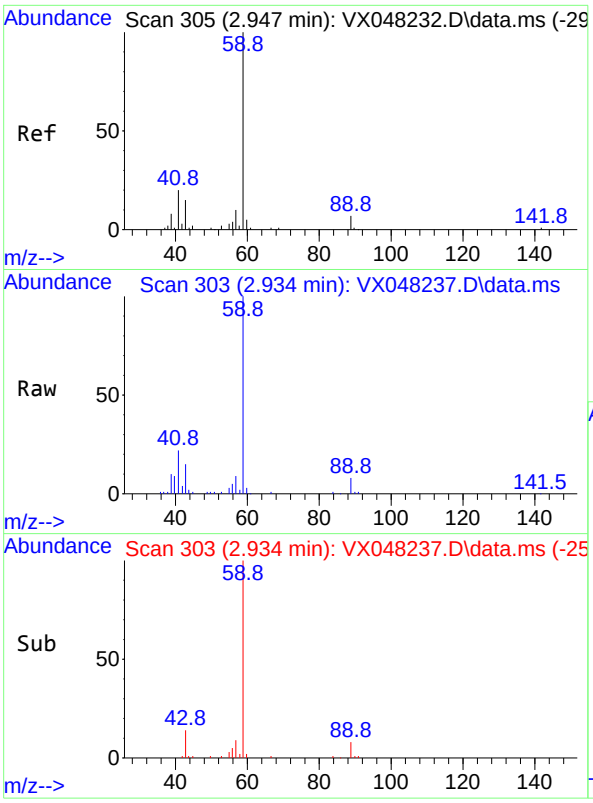




#10
Methyl Iodide
Concen: 47.994 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:142 Resp: 94222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 46.9 | 38.5 | 57.7 |
| 141 | 14.3 | 11.6 | 17.4 |



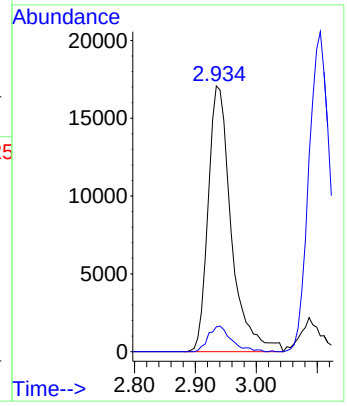


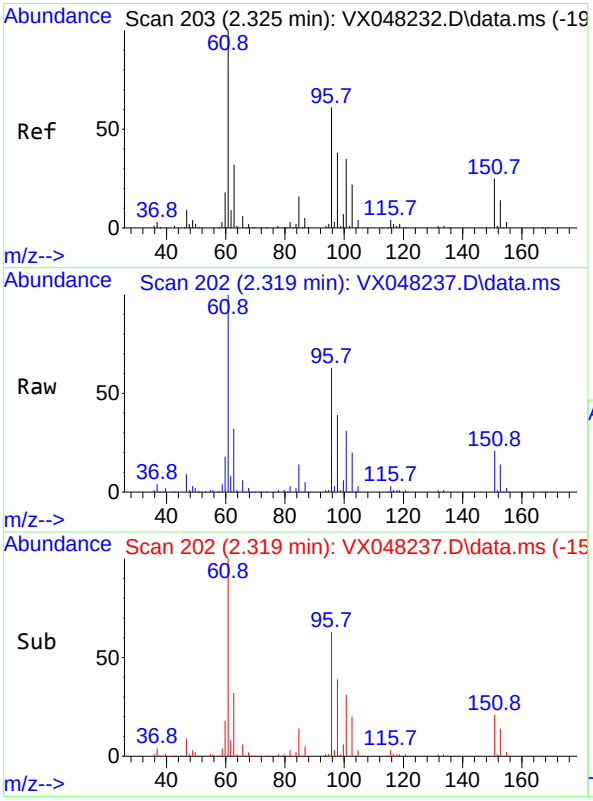

#11
Tert butyl alcohol
Concen: 223.693 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 59 Resp: 45064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.6 | 8.2 | 12.4 |

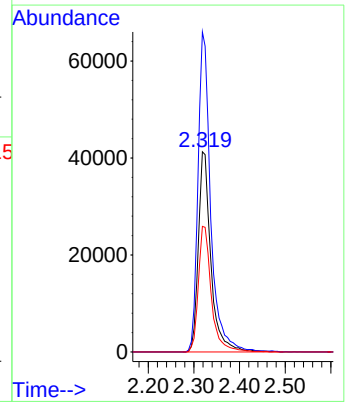


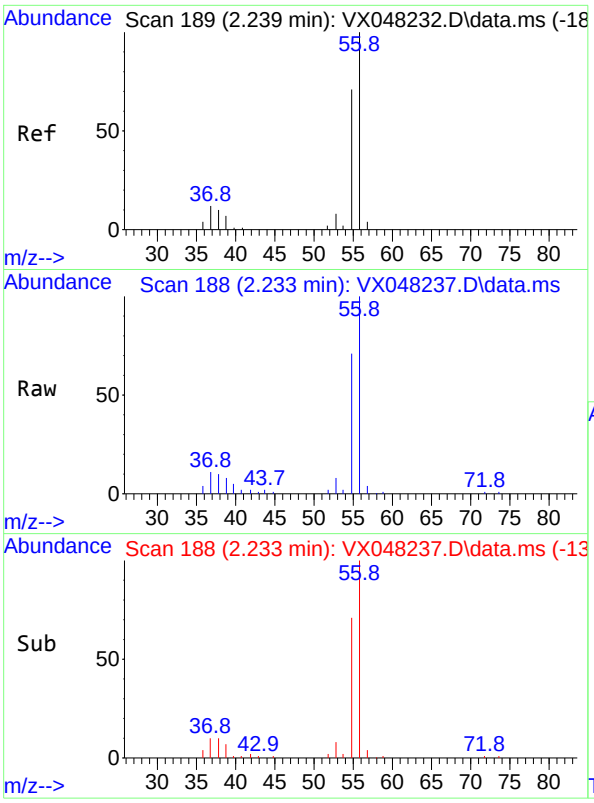




#12
1,1-Dichloroethene
Concen: 52.043 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 96 Resp: 79070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 159.8 | 139.0 | 208.6 |
| 98 | 62.7 | 52.4 | 78.6 |



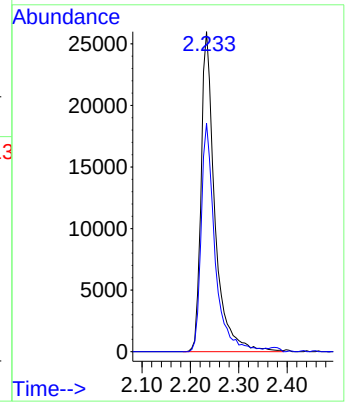


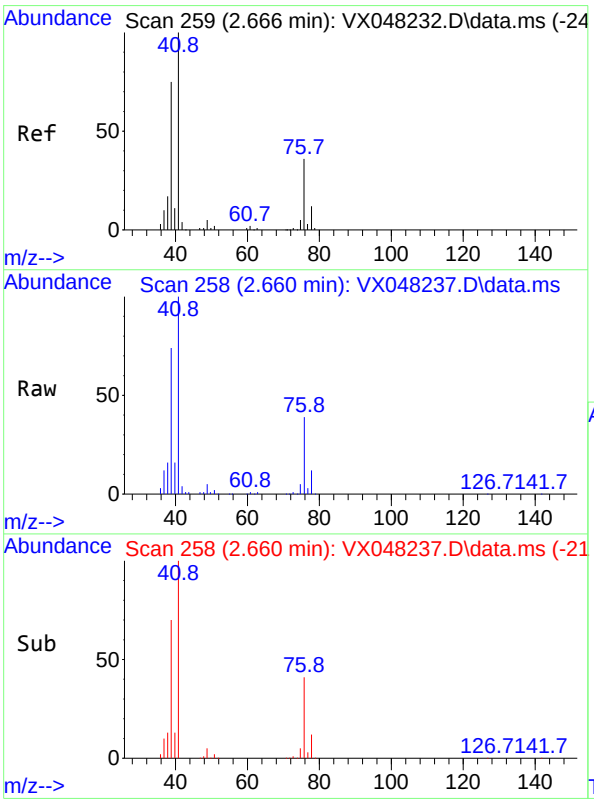

#13
Acrolein
Concen: 249.473 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 56 Resp: 51257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.7 | 56.1 | 84.1 |

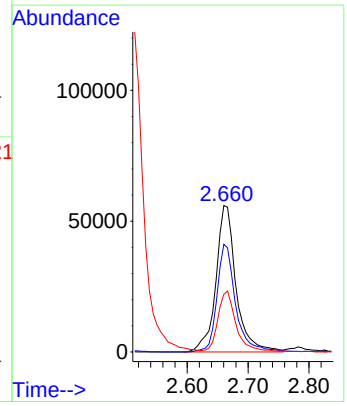


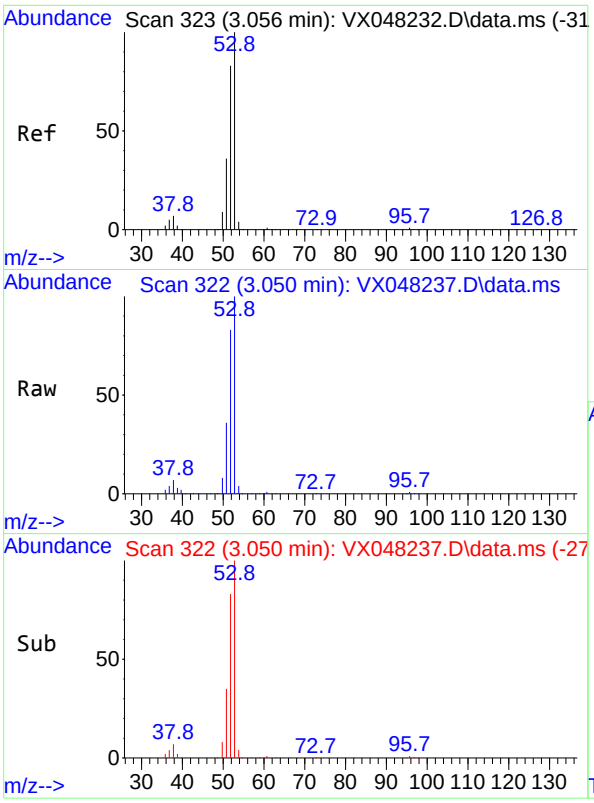




#14
Allyl chloride
Concen: 51.099 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 128896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 68.0 | 56.0 | 84.0 |
| 76 | 37.0 | 27.5 | 41.3 |



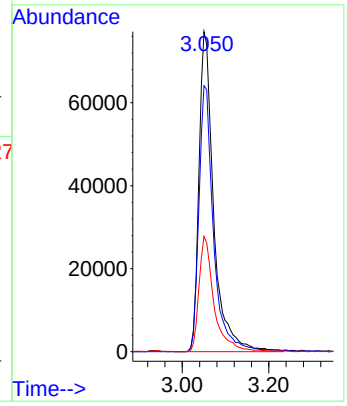


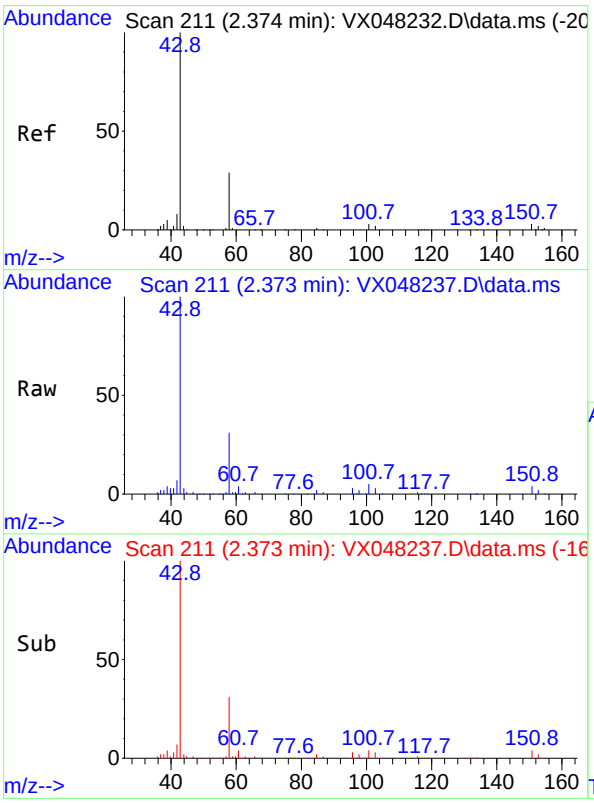

#15
Acrylonitrile
Concen: 250.900 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 53 Resp: 182260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.6 | 66.1 | 99.1 |
| 51 | 36.8 | 29.0 | 43.4 |

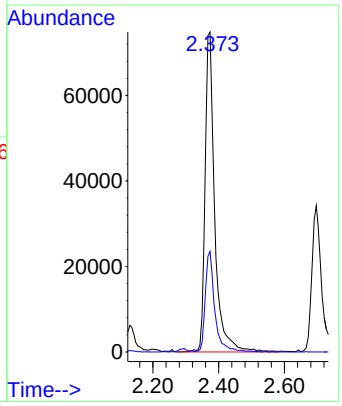


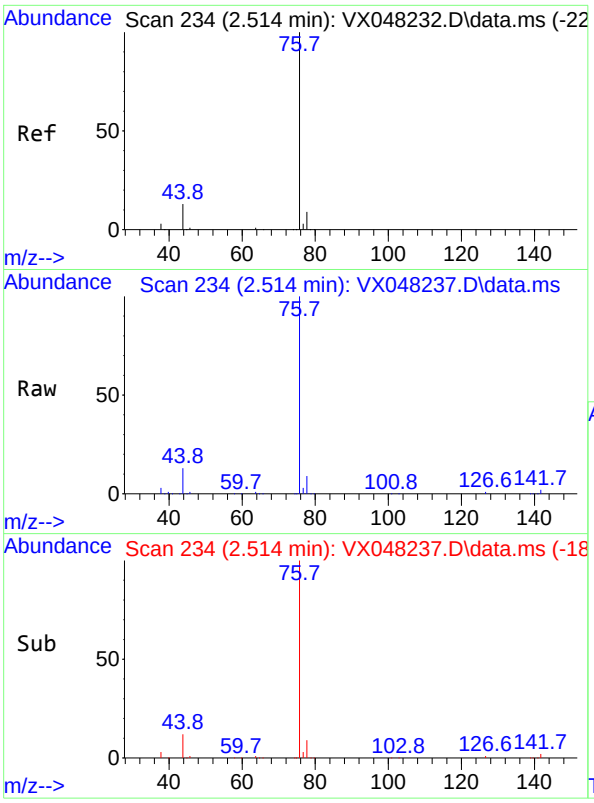




#16
Acetone
Concen: 219.789 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 152988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.4 | 23.4 | 35.2 |



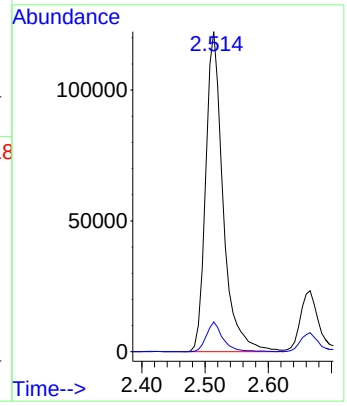


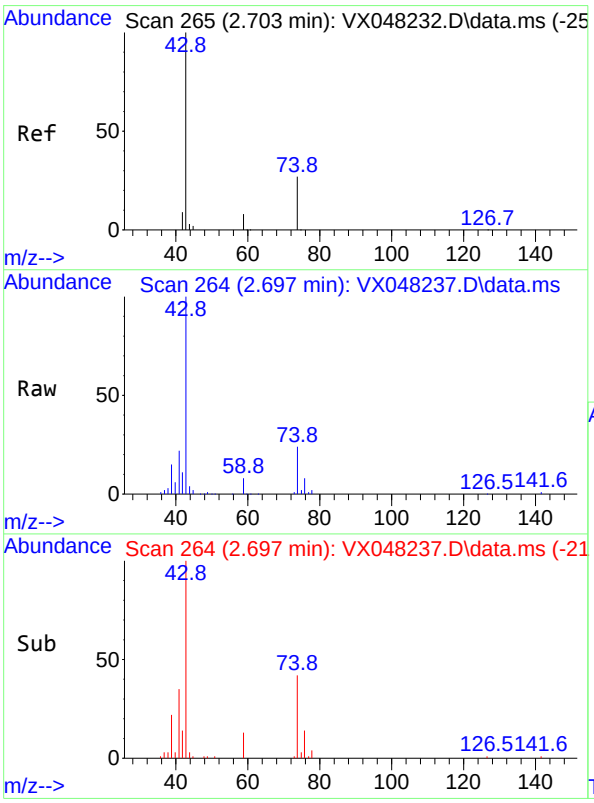

#17
Carbon Disulfide
Concen: 48.792 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 76 Resp: 233630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.1 | 10.7 |

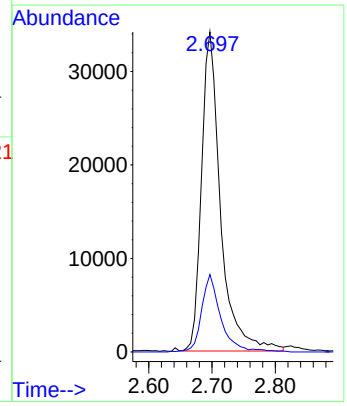


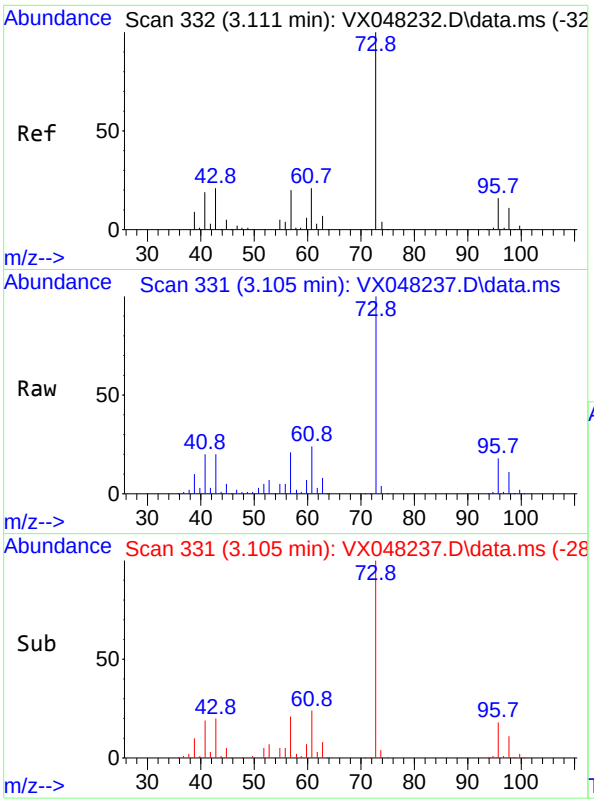




#18
Methyl Acetate
Concen: 49.190 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 71506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.7 | 17.5 | 26.3 |



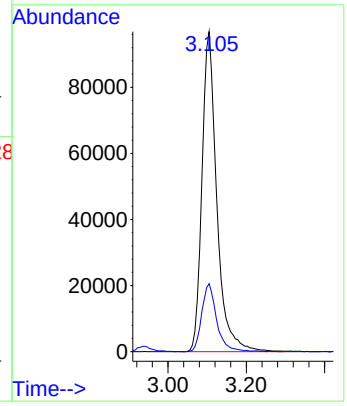


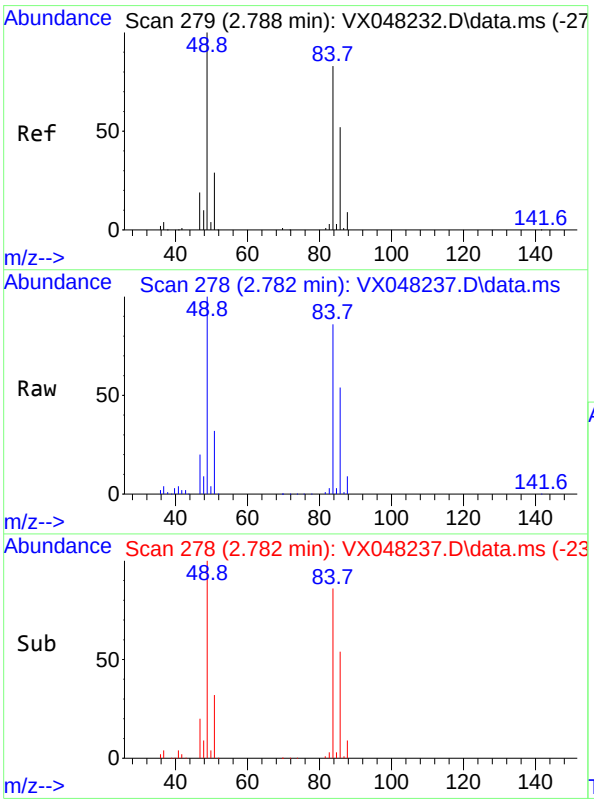

#19
Methyl tert-butyl Ether
Concen: 49.162 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 73 Resp: 254812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.2 | 17.7 | 26.5 |

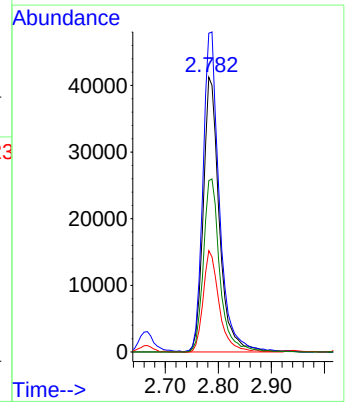


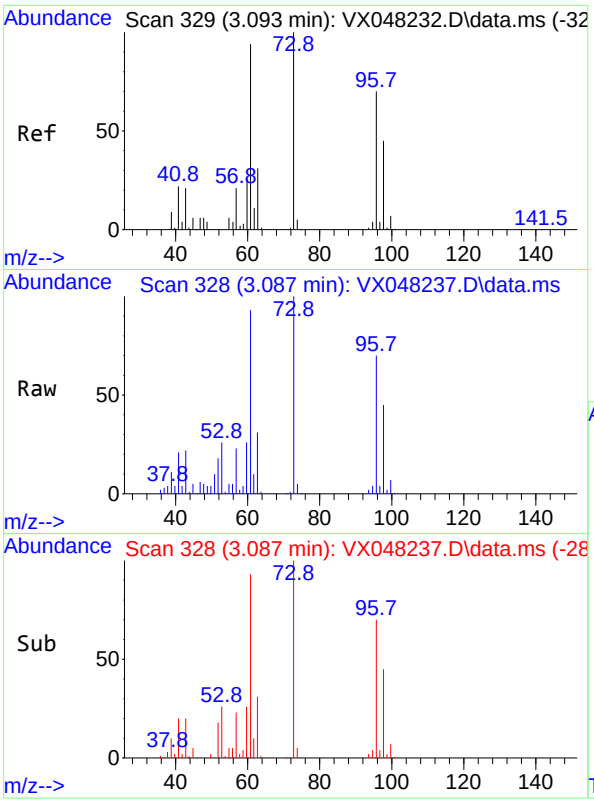




#20
Methylene Chloride
Concen: 51.066 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 84 Resp: 86610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.0 | 104.1 | 156.1 |
| 51 | 36.8 | 31.3 | 46.9 |
| 86 | 62.4 | 51.3 | 76.9 |



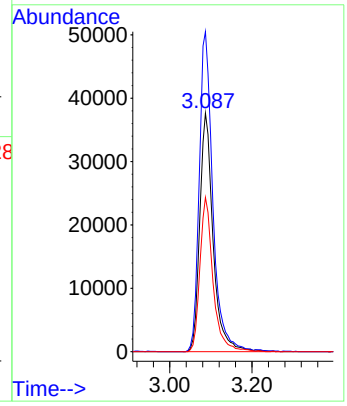


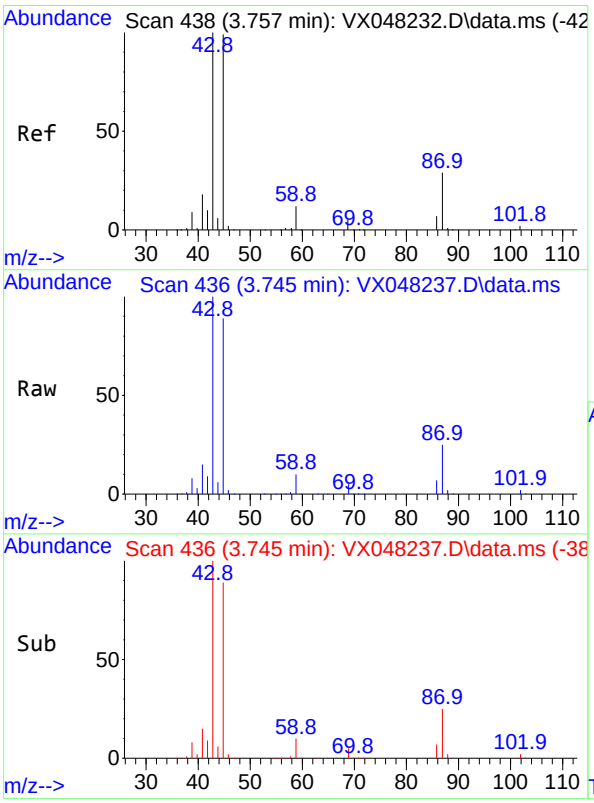

#21
trans-1,2-Dichloroethene
Concen: 50.932 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 96 Resp: 85000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.2 | 111.9 | 167.9 |
| 98 | 64.7 | 51.2 | 76.8 |

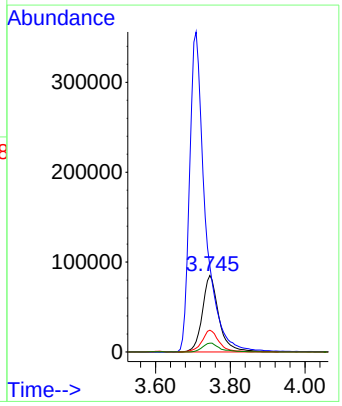


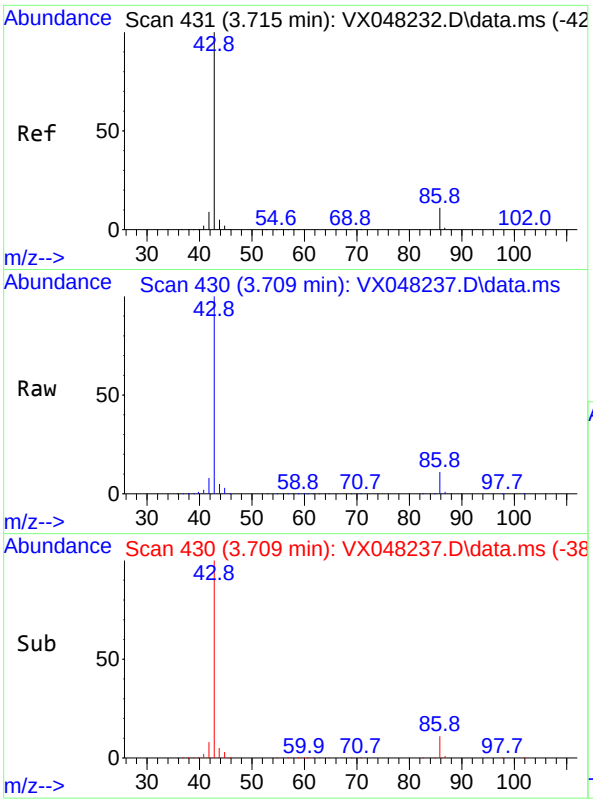




#22
Diisopropyl ether
Concen: 51.665 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 45 Resp: 259934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 111.4 | 89.8 | 134.8 |
| 87 | 28.3 | 20.6 | 31.0 |
| 59 | 11.5 | 9.1 | 13.7 |



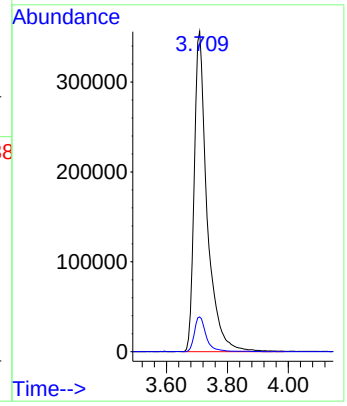


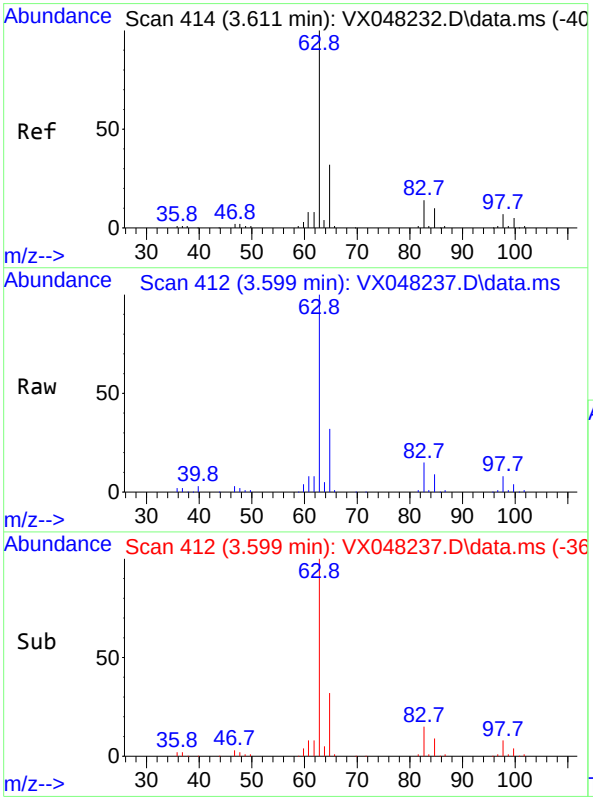

#23
Vinyl Acetate
Concen: 260.168 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 43 Resp: 1045584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.9 | 7.9 | 11.9 |

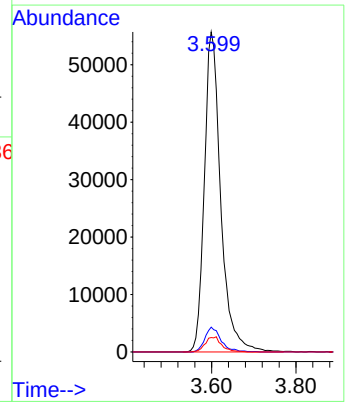


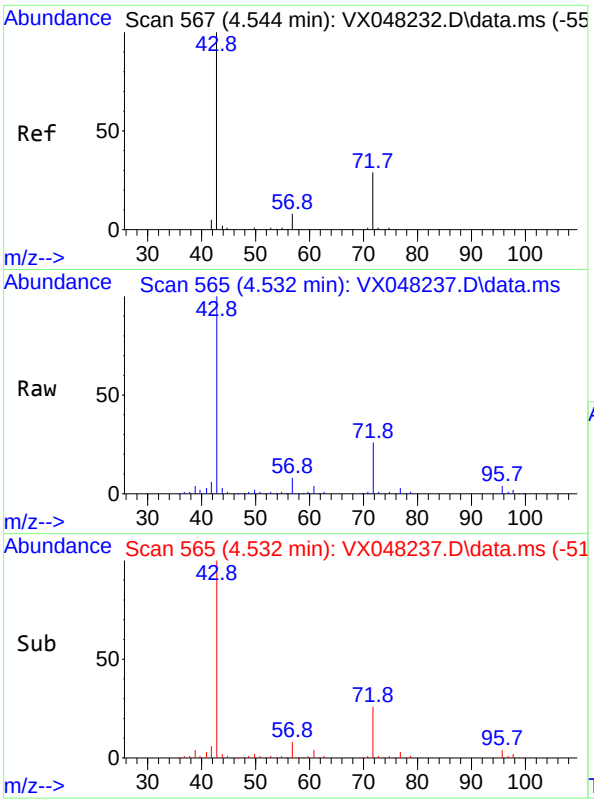




#24
1,1-Dichloroethane
Concen: 49.490 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 150557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.7 | 3.5 | 10.6 |
| 100 | 4.5 | 2.1 | 6.3 |



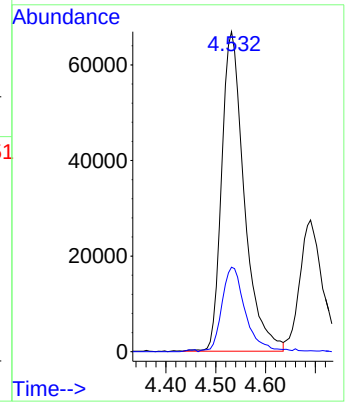


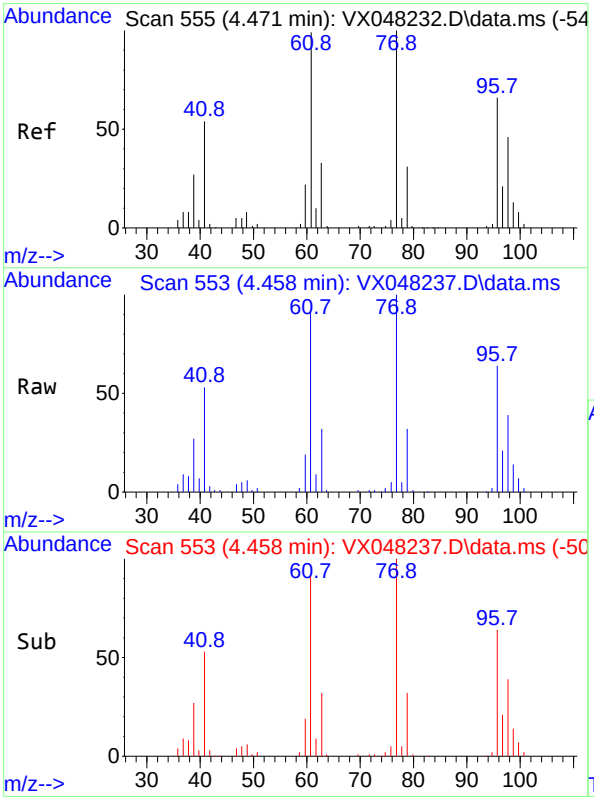

#25
2-Butanone
Concen: 238.354 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 43 Resp: 209999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.3 | 19.9 | 29.9 |

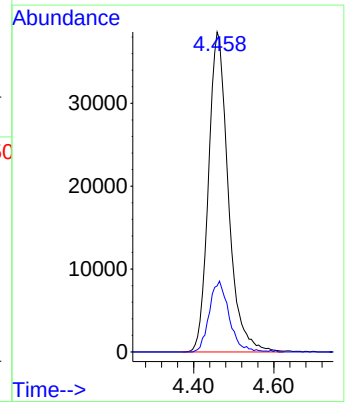


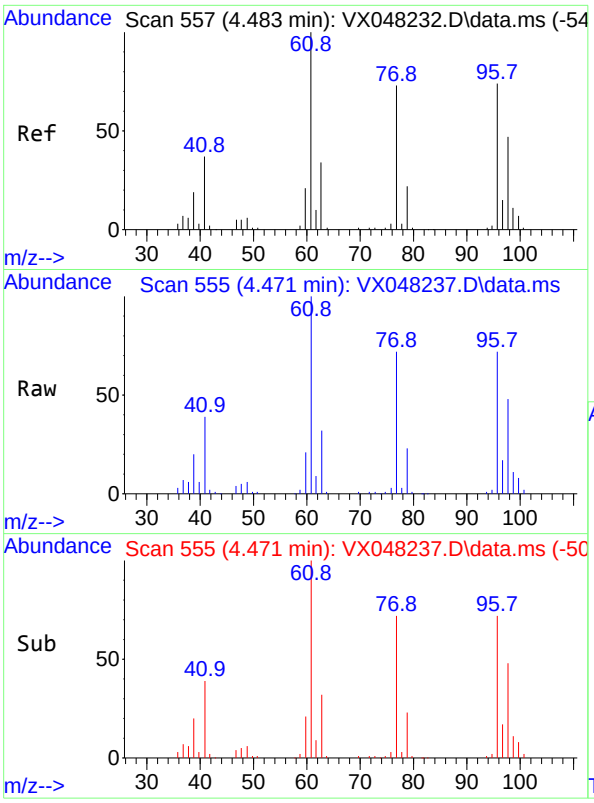




#26
2,2-Dichloropropane
Concen: 48.230 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 77 Resp: 132433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.1 | 11.1 | 33.3 |



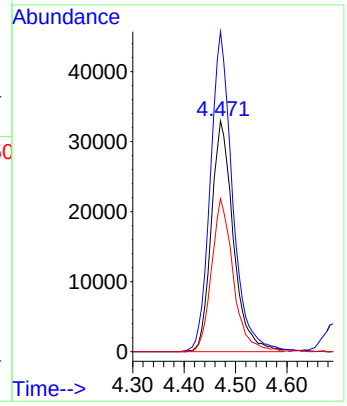


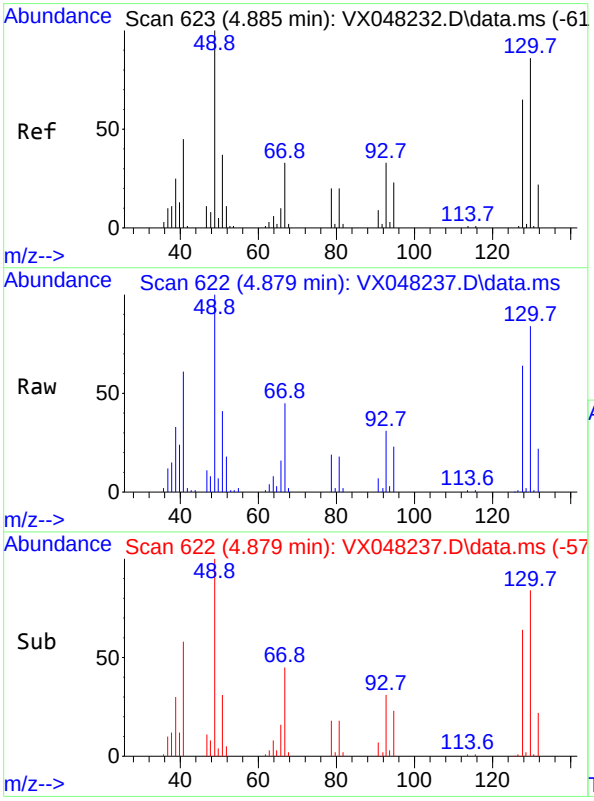

#27
cis-1,2-Dichloroethene
Concen: 50.350 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 96 Resp: 98066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 140.3 | 0.0 | 294.2 |
| 98 | 65.2 | 0.0 | 128.4 |

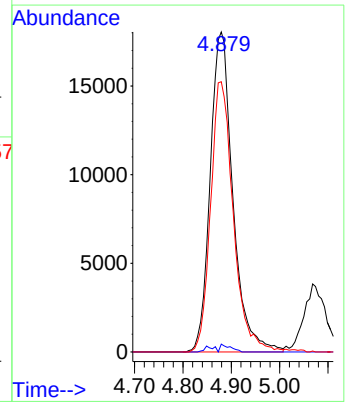


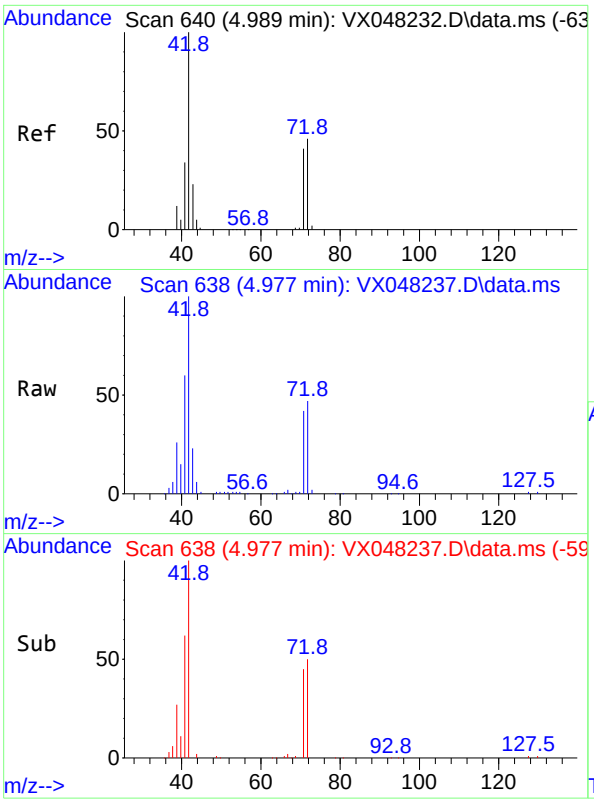




#28
Bromochloromethane
Concen: 46.587 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 49 Resp: 58764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.1 | 0.0 | 4.4 |
| 130 | 85.1 | 59.3 | 88.9 |



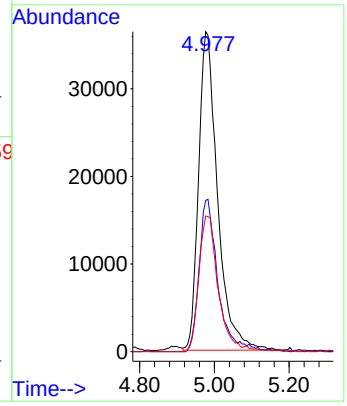


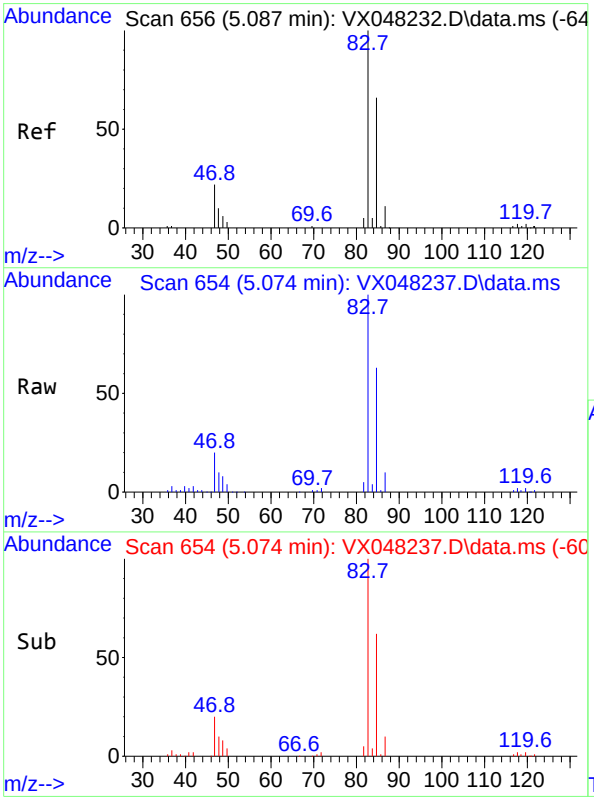

#29
Tetrahydrofuran
Concen: 242.572 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 42 Resp: 127995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 47.4 | 35.3 | 52.9 |
| 71 | 43.8 | 32.2 | 48.4 |

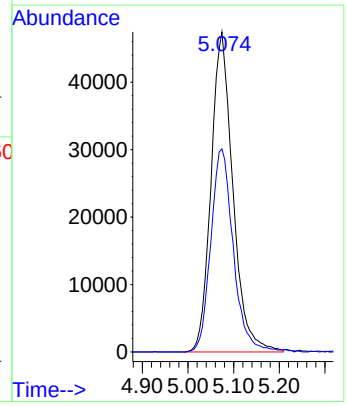


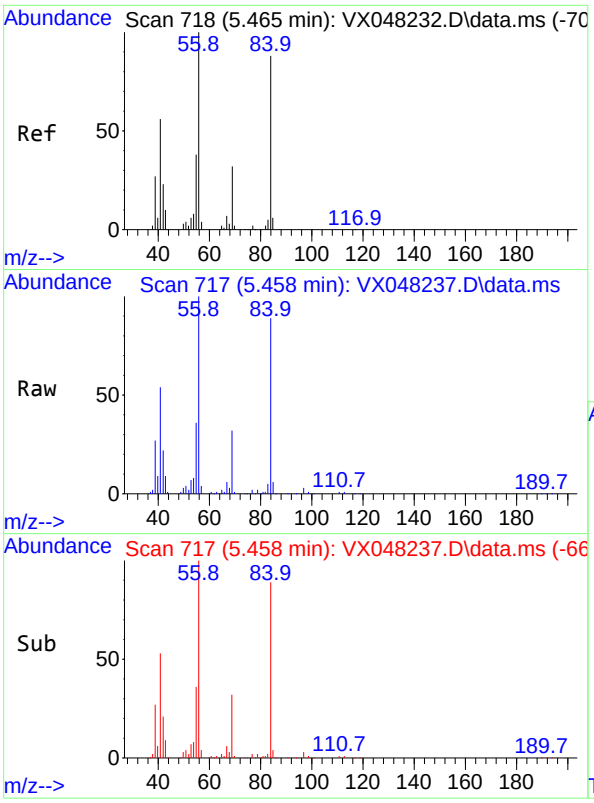




#30
Chloroform
Concen: 48.427 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 157397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.4 | 50.1 | 75.1 |



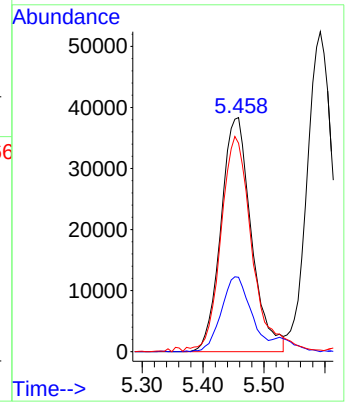


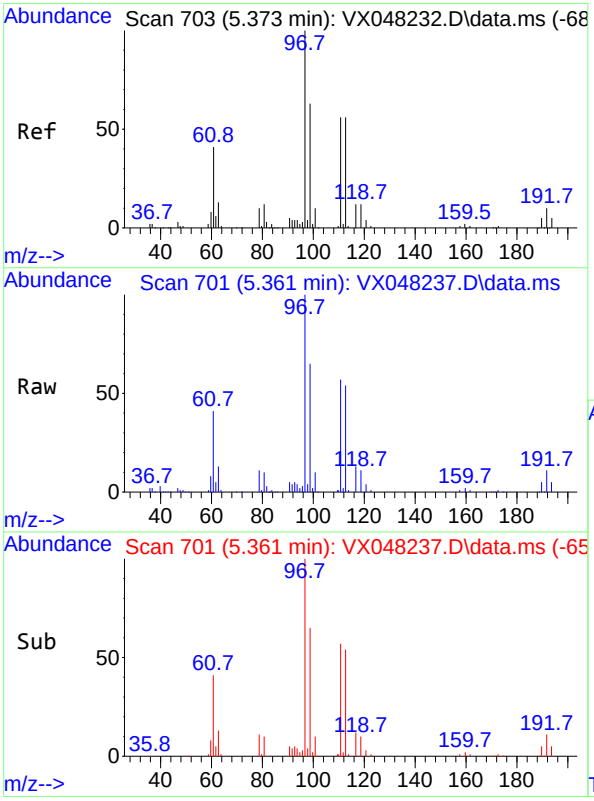

#31
Cyclohexane
Concen: 52.646 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 56 Resp: 132594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.8 | 23.0 | 34.6 |
| 84 | 88.9 | 64.6 | 97.0 |

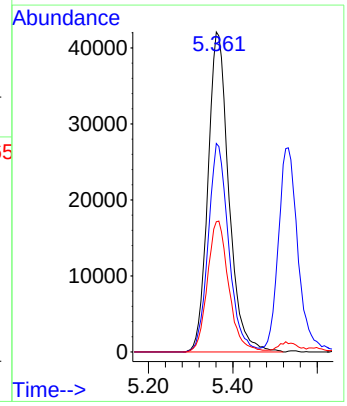


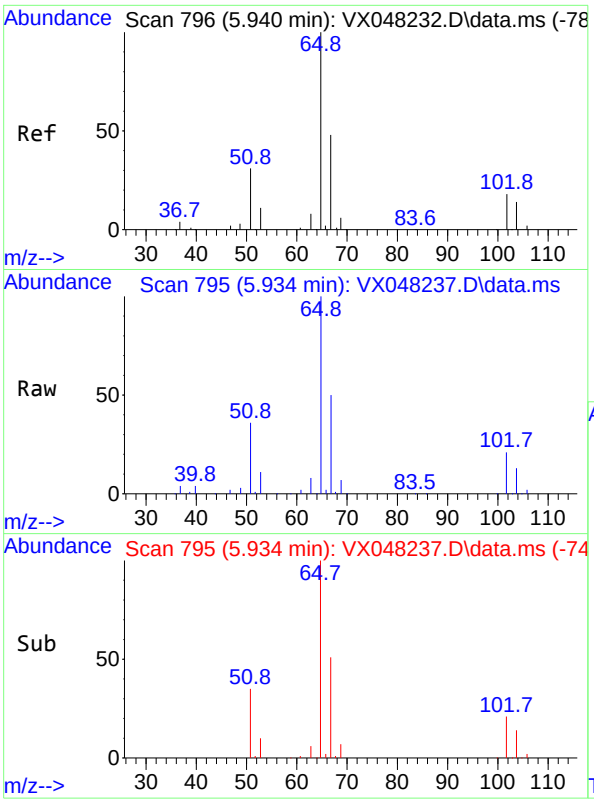




#32
1,1,1-Trichloroethane
Concen: 48.309 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 97 Resp: 144706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.0 | 51.7 | 77.5 |
| 61 | 41.8 | 34.8 | 52.2 |



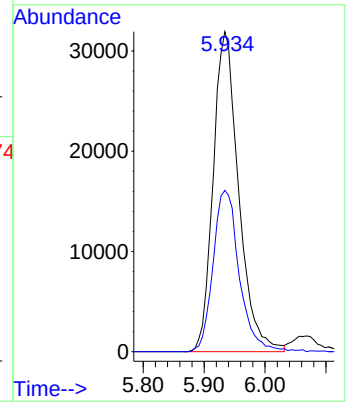


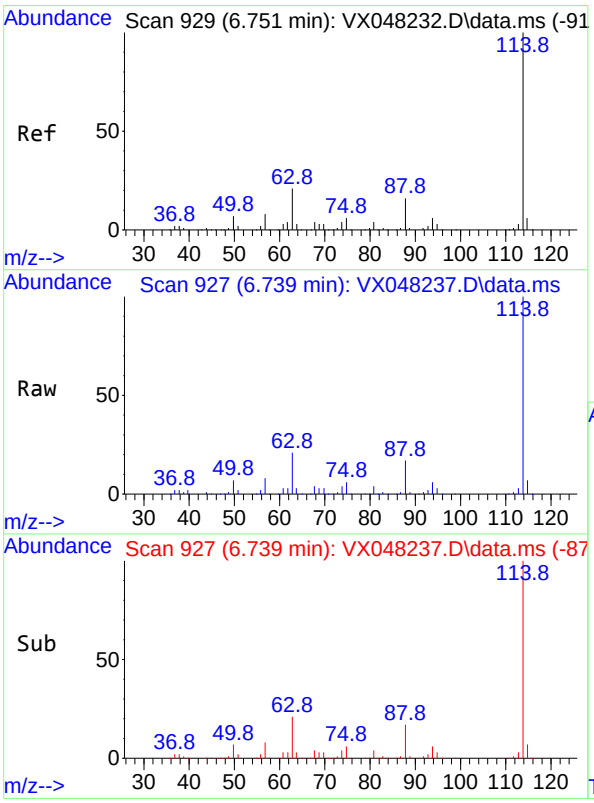

#33
1,2-Dichloroethane-d4
Concen: 45.687 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 65 Resp: 92700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 105.0 |

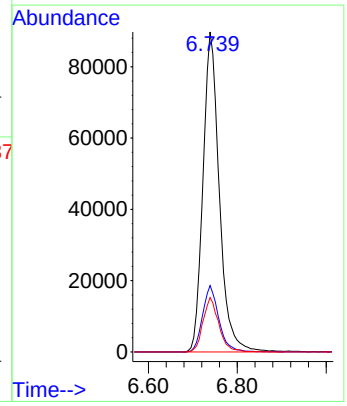


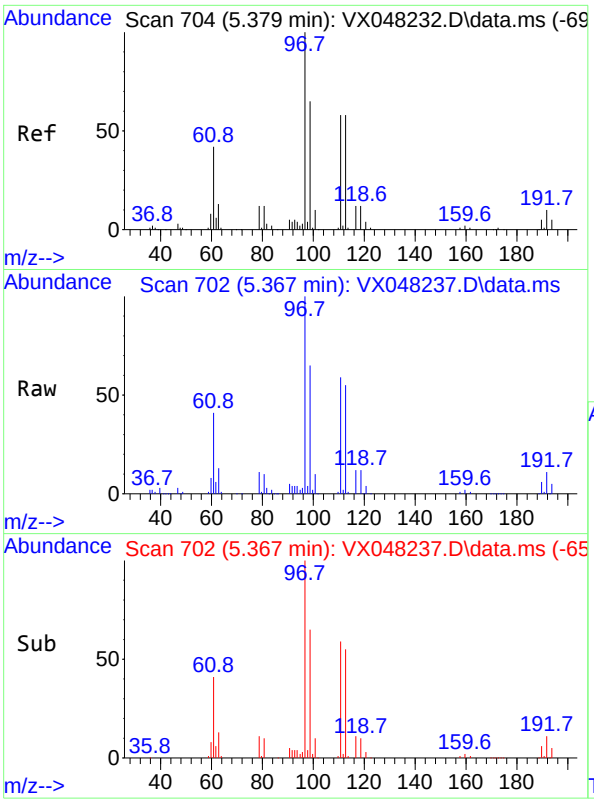




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:114 Resp: 229650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.6 | 0.0 | 43.2 |
| 88 | 17.0 | 0.0 | 33.6 |



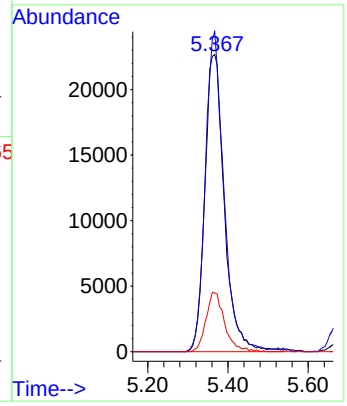


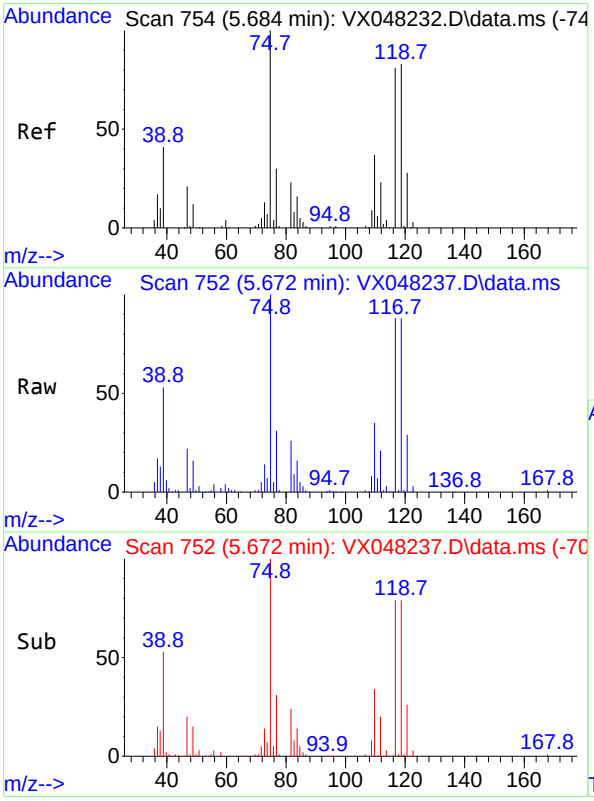

#35
Dibromofluoromethane
Concen: 48.951 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:113 Resp: 76746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.5 | 82.2 | 123.4 |
| 192 | 19.0 | 15.1 | 22.7 |

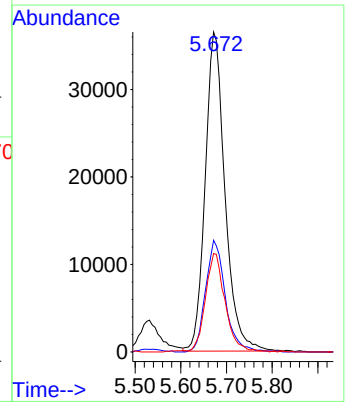


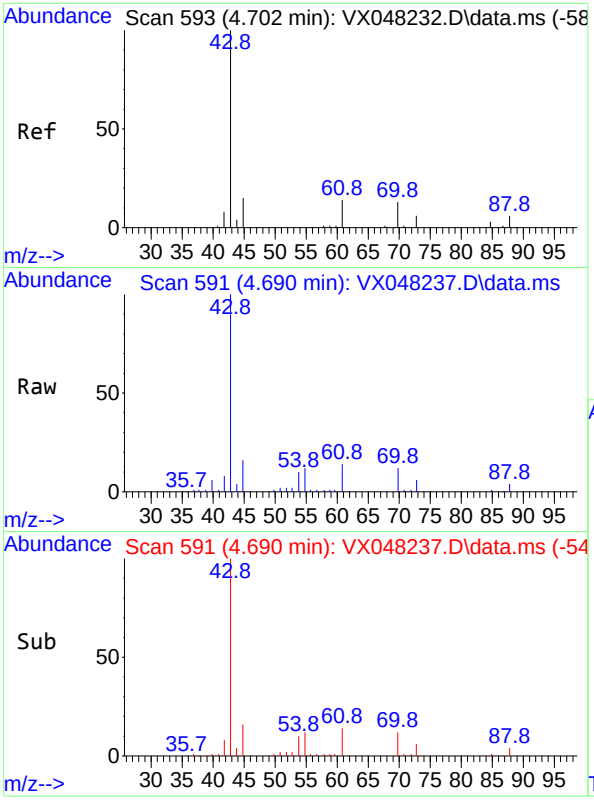




#36
1,1-Dichloropropene
Concen: 49.344 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 109957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.0 | 17.7 | 53.1 |
| 77 | 30.4 | 24.3 | 36.5 |



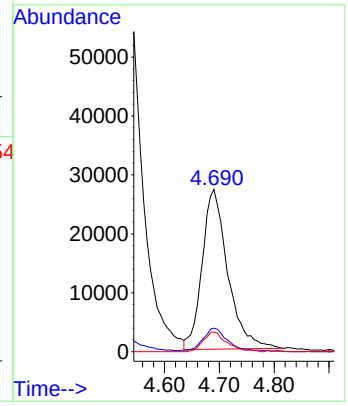


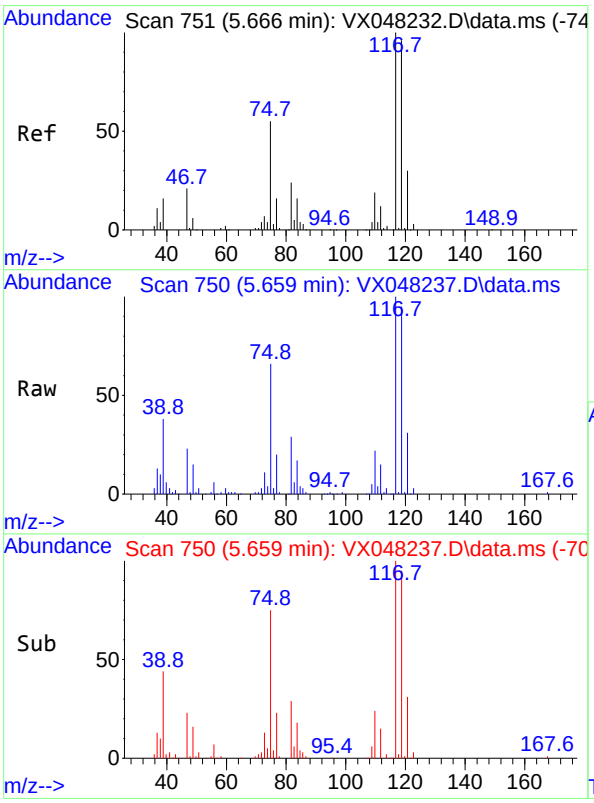

#37
Ethyl Acetate
Concen: 47.684 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 43 Resp: 88074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.4 | 10.6 | 15.8 |
| 70 | 11.2 | 7.8 | 11.6 |

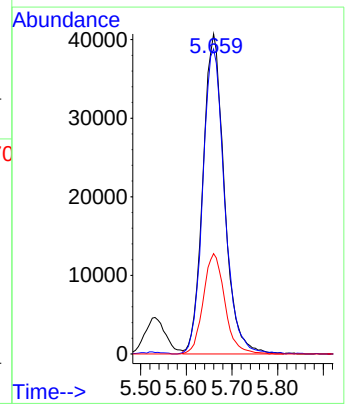


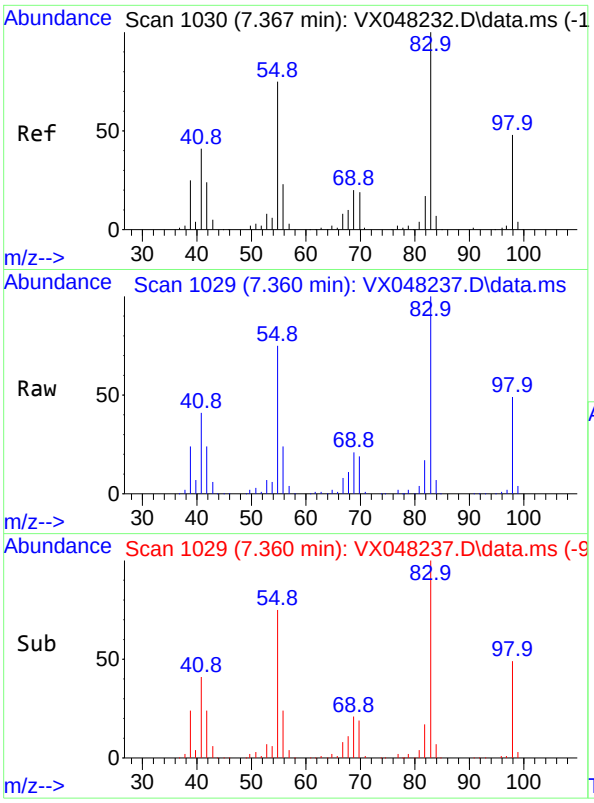




#38
Carbon Tetrachloride
Concen: 48.228 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 132590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.1 | 77.2 | 115.8 |
| 121 | 31.4 | 24.8 | 37.2 |



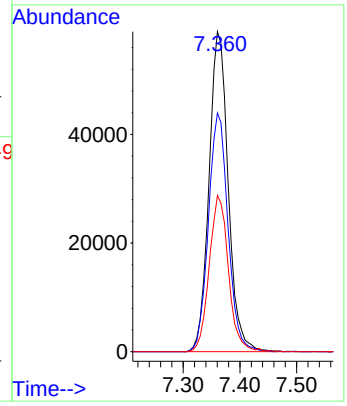


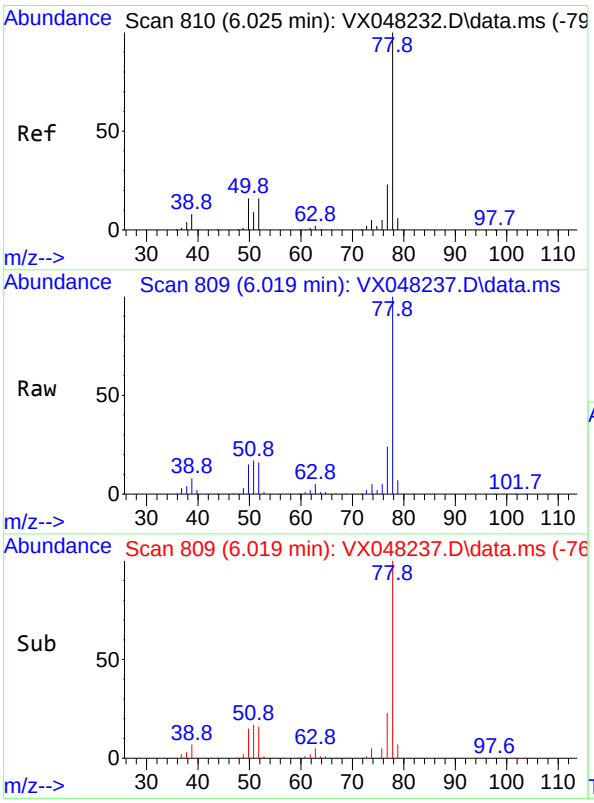

#39
Methylcyclohexane
Concen: 52.670 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 83 Resp: 138611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.6 | 66.2 | 99.2 |
| 98 | 48.8 | 38.9 | 58.3 |

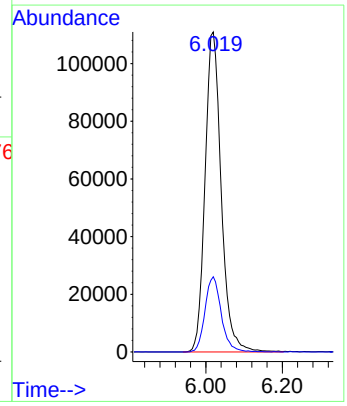


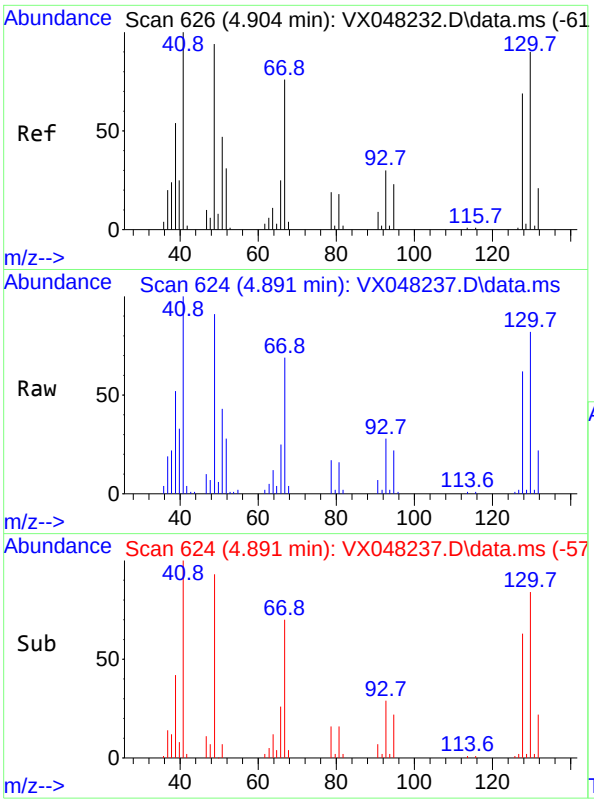




#40
Benzene
Concen: 50.241 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 78 Resp: 325041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 19.3 | 28.9 |



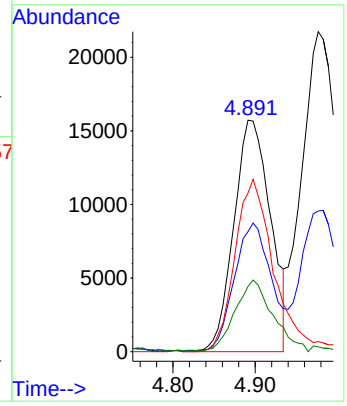


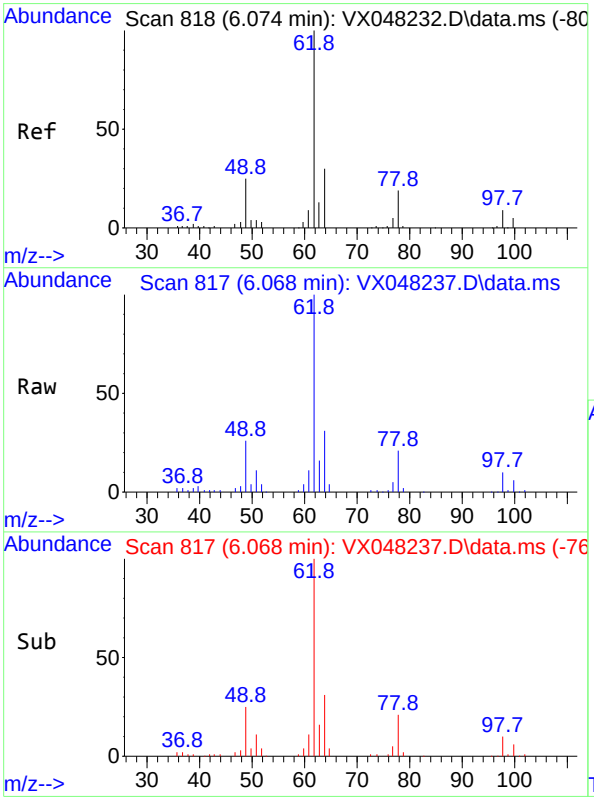

#41
Methacrylonitrile
Concen: 50.358 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 41 Resp: 48846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.6 | 44.0 | 66.0 |
| 67 | 80.7 | 58.7 | 88.1 |
| 52 | 31.8 | 25.9 | 38.9 |

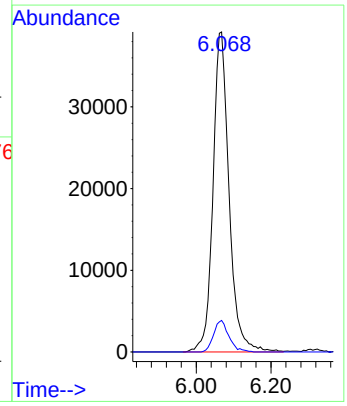


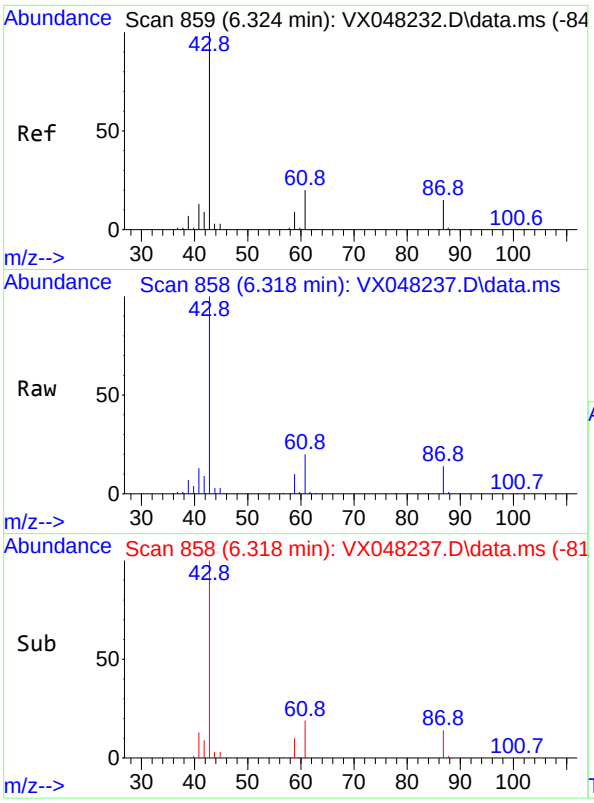




#42
1,2-Dichloroethane
Concen: 48.963 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 116893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.4 | 0.0 | 17.2 |



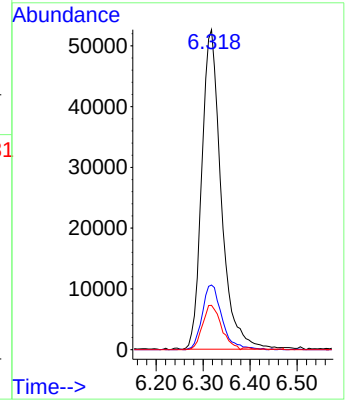


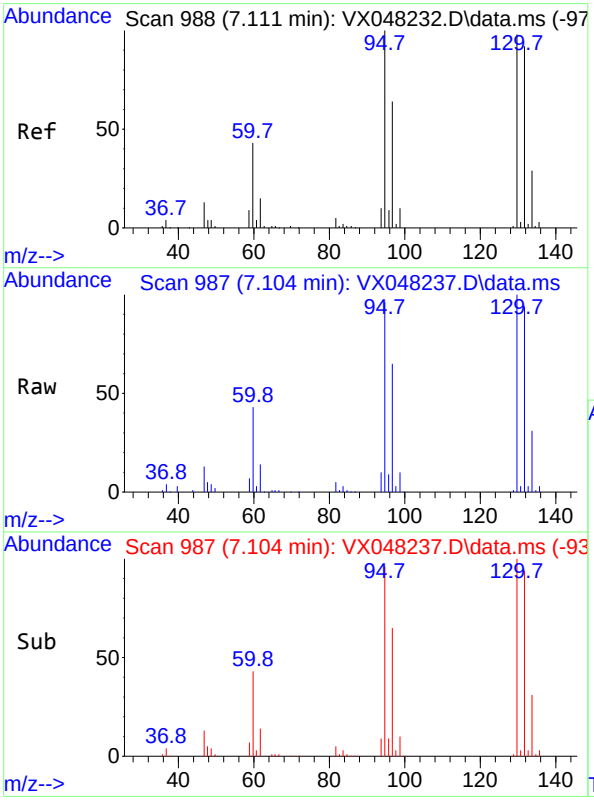

#43
Isopropyl Acetate
Concen: 49.816 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 43 Resp: 151140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.7 | 14.9 | 22.3 |
| 87 | 13.5 | 9.4 | 14.2 |

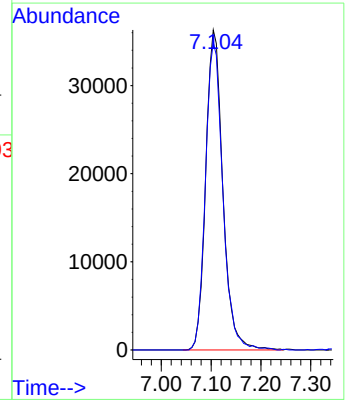


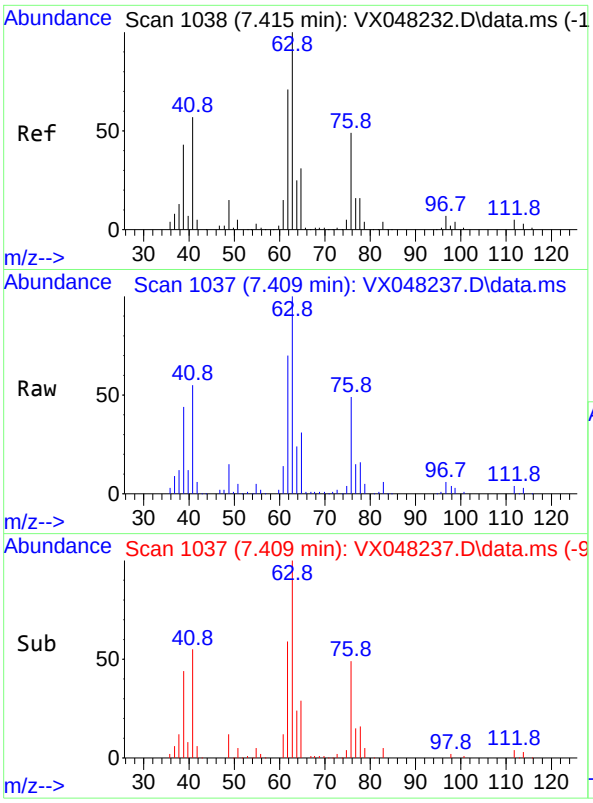




#44
Trichloroethene
Concen: 50.582 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:130 Resp: 86410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.2 | 0.0 | 200.6 |



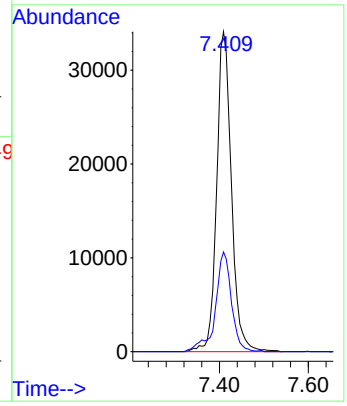


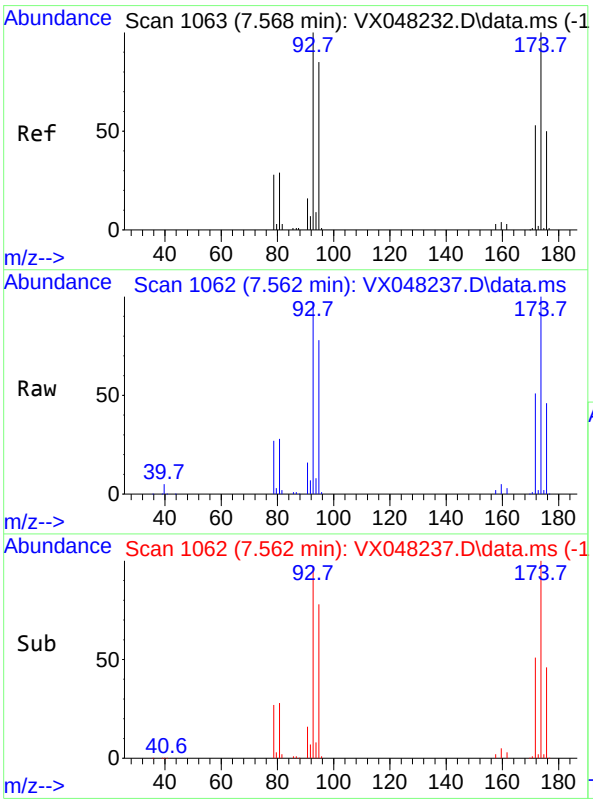

#45
1,2-Dichloropropane
Concen: 50.994 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 63 Resp: 78439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 24.1 | 36.1 |

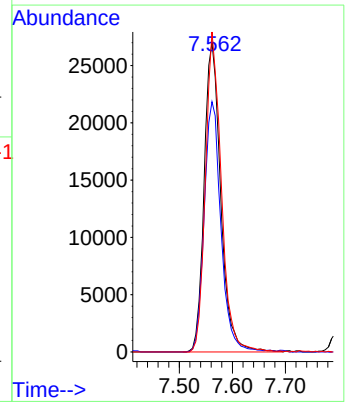


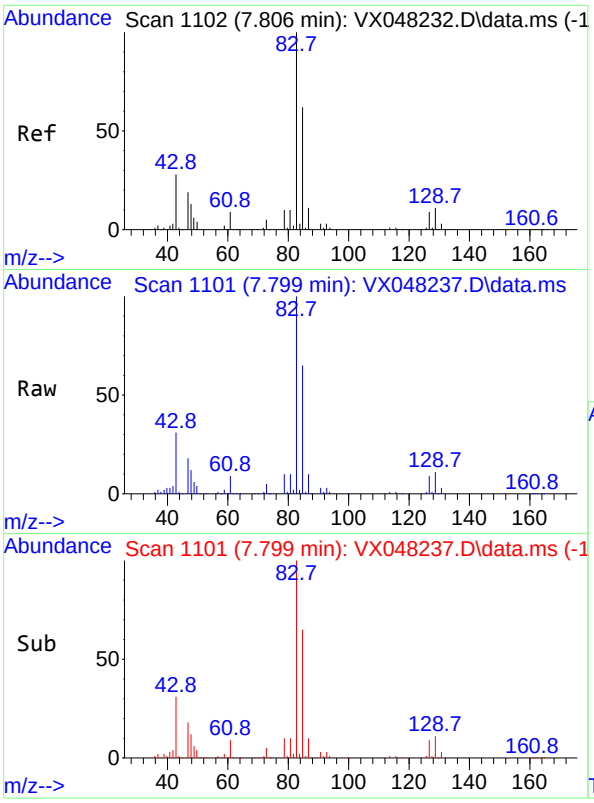




#46
Dibromomethane
Concen: 48.913 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 93 Resp: 58616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.4 | 65.9 | 98.9 |
| 174 | 99.2 | 71.7 | 107.5 |



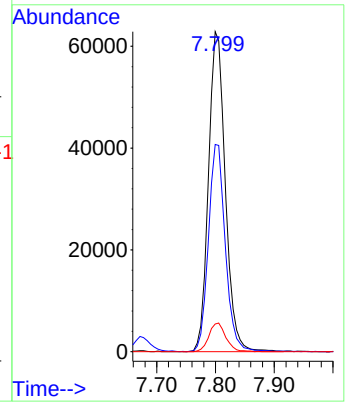


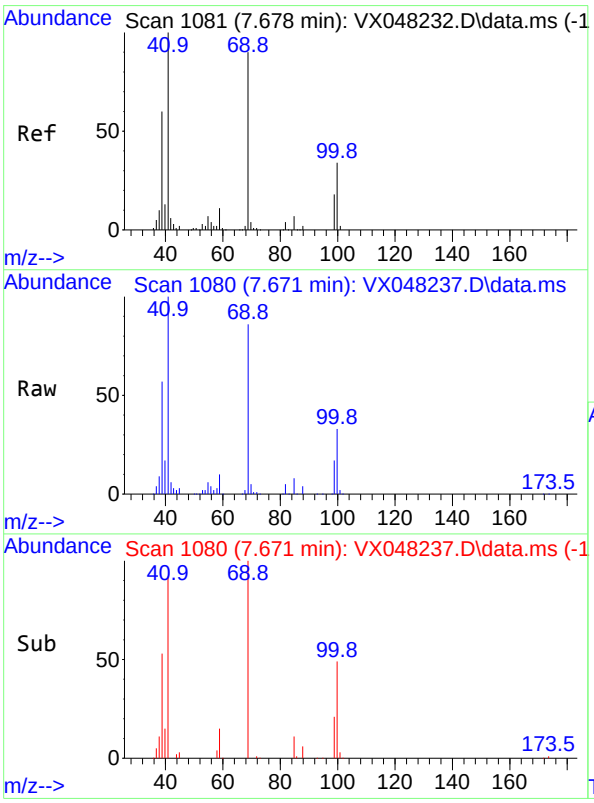

#47
Bromodichloromethane
Concen: 48.459 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 83 Resp: 125388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 52.2 | 78.4 |
| 127 | 8.7 | 7.3 | 10.9 |

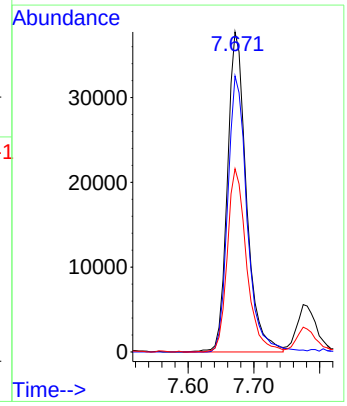


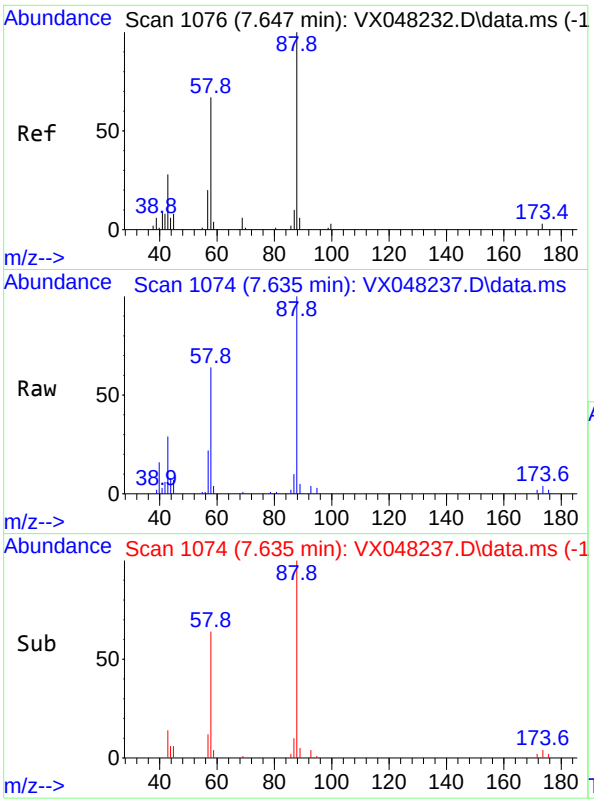




#48
Methyl methacrylate
Concen: 49.519 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 75812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 87.7 | 63.4 | 95.0 |
| 39 | 58.0 | 47.1 | 70.7 |



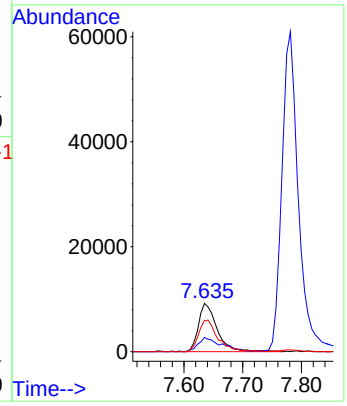


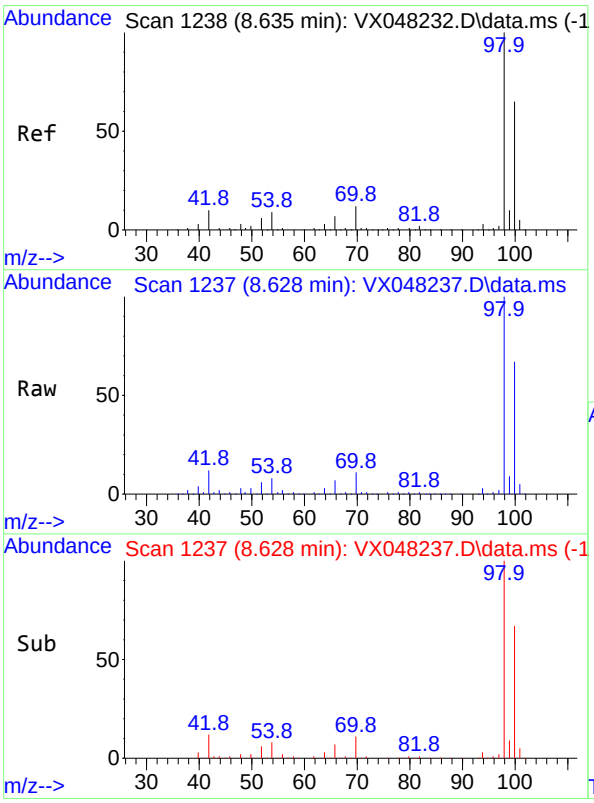

#49
1,4-Dioxane
Concen: 1000.197 ug/l
RT: 7.635 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 88 Resp: 20230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.8 | 35.0 | 52.4 |
| 58 | 67.9 | 61.9 | 92.9 |

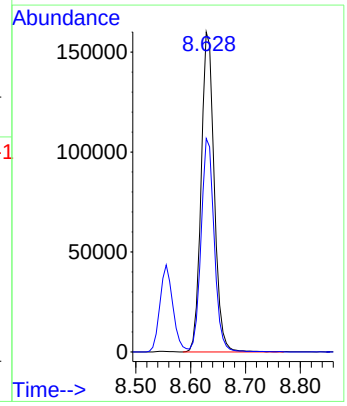


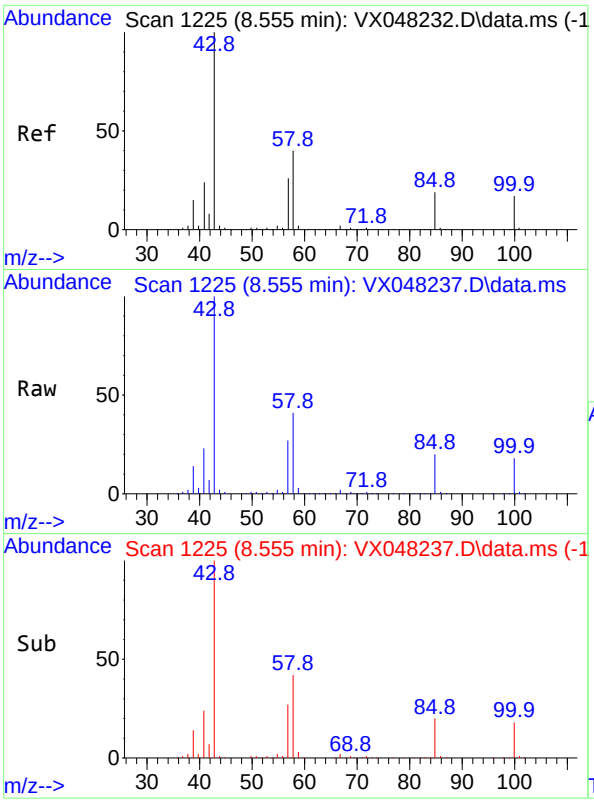




#50
Toluene-d8
Concen: 48.386 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 98 Resp: 265898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 53.0 | 79.4 |



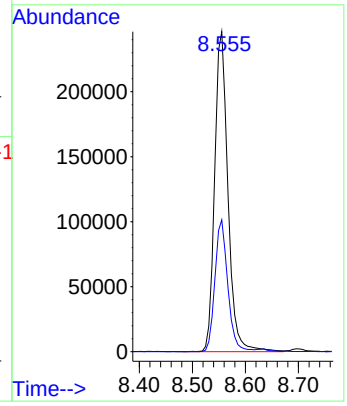


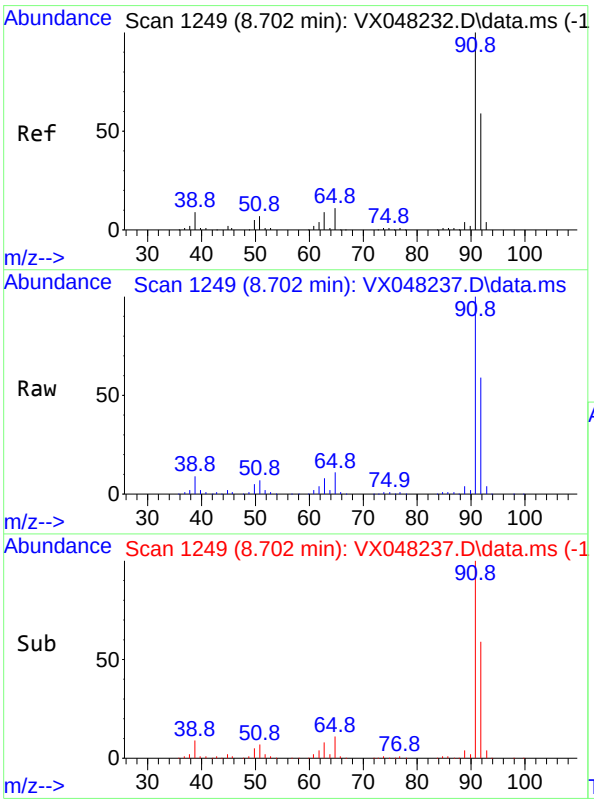

#51
4-Methyl-2-Pentanone
Concen: 244.897 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 43 Resp: 428393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.9 | 29.5 | 44.3 |

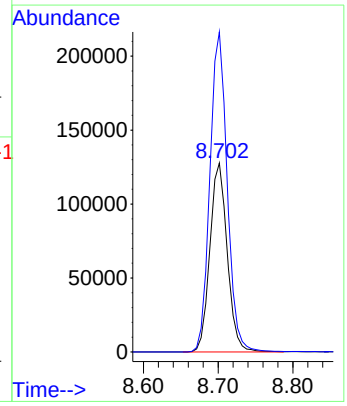


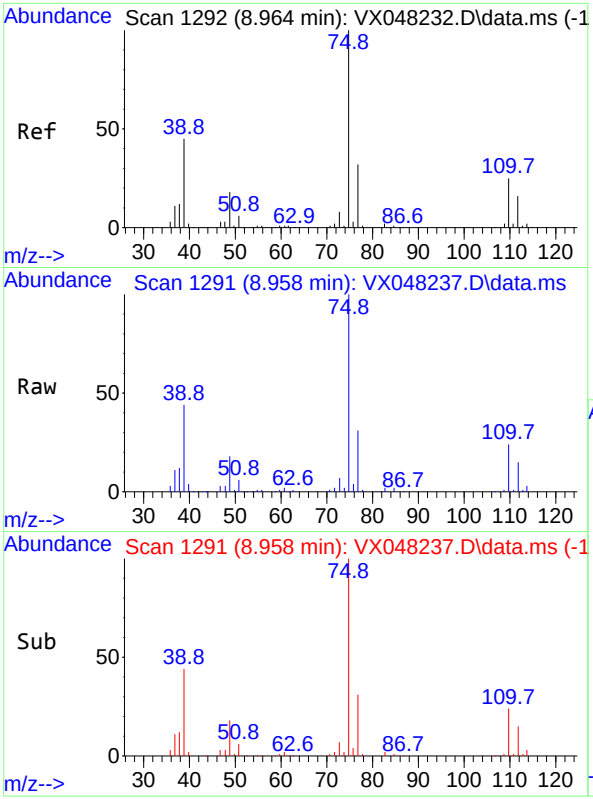




#52
Toluene
Concen: 50.088 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 92 Resp: 205867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.0 | 136.1 | 204.1 |



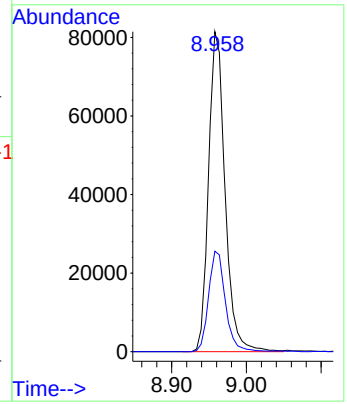


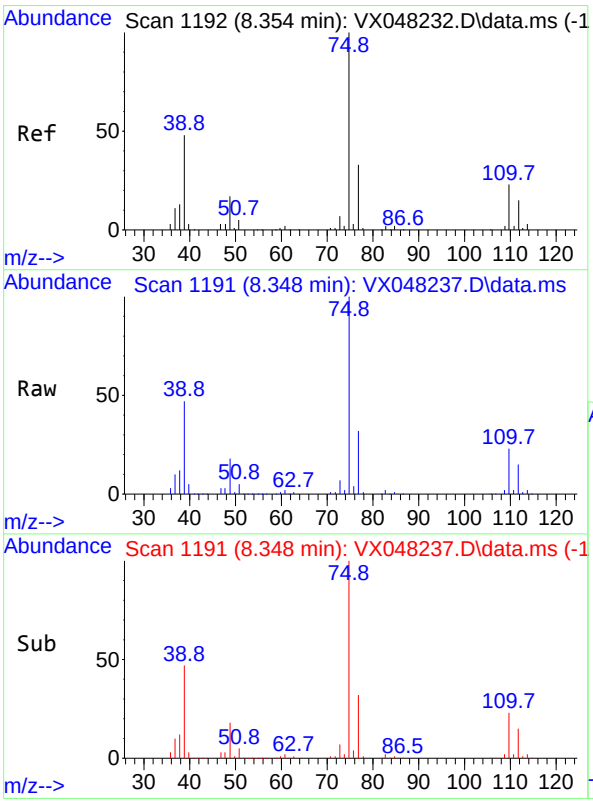

#53
t-1,3-Dichloropropene
Concen: 50.004 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 75 Resp: 124683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.0 | 37.6 |

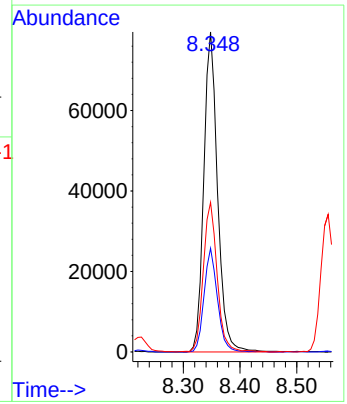


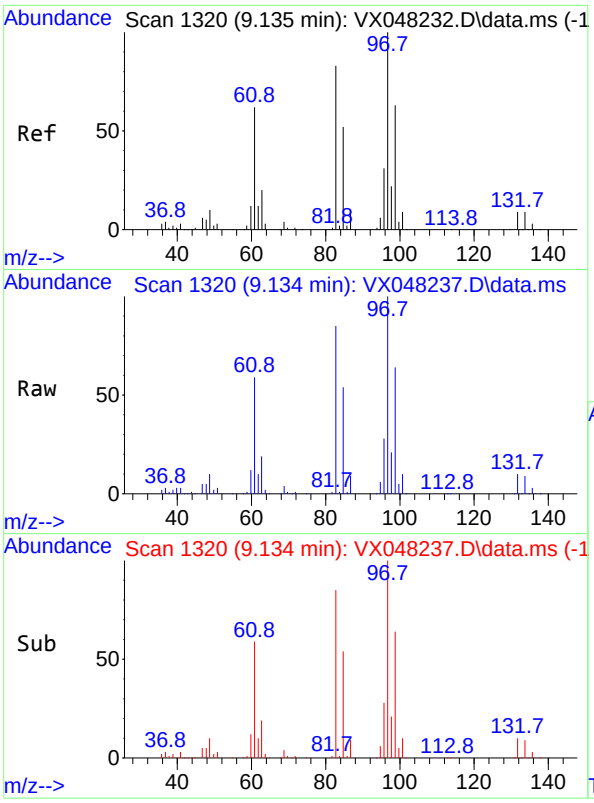




#54
cis-1,3-Dichloropropene
Concen: 49.944 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 134360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.4 | 24.9 | 37.3 |
| 39 | 46.7 | 42.6 | 64.0 |



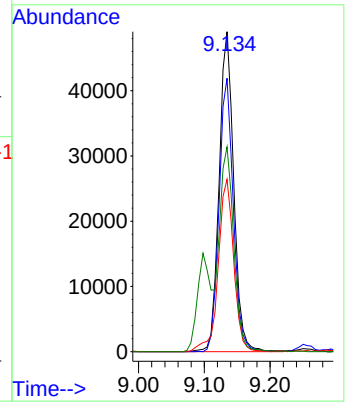


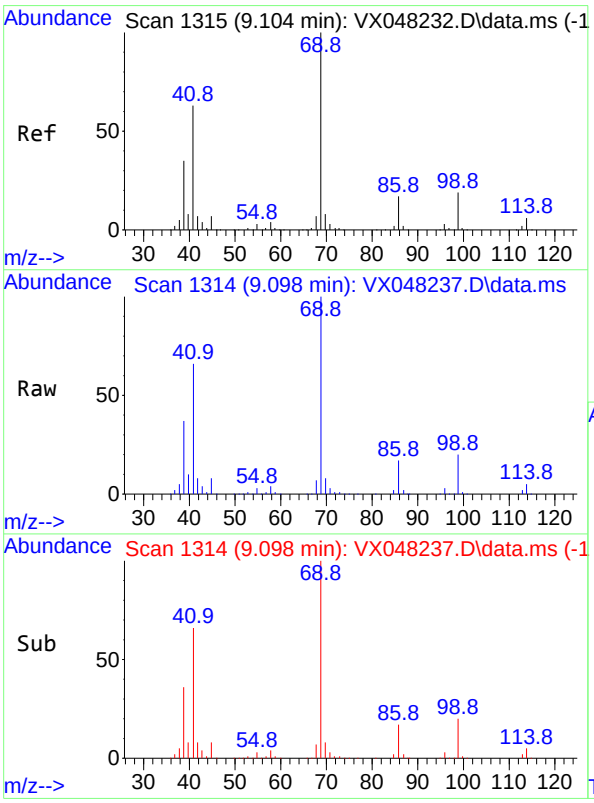

#55
1,1,2-Trichloroethane
Concen: 49.597 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 97 Resp: 75808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.5 | 70.6 | 105.8 |
| 85 | 53.9 | 45.0 | 67.6 |
| 99 | 64.0 | 50.9 | 76.3 |

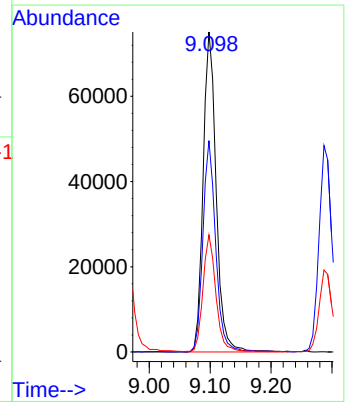


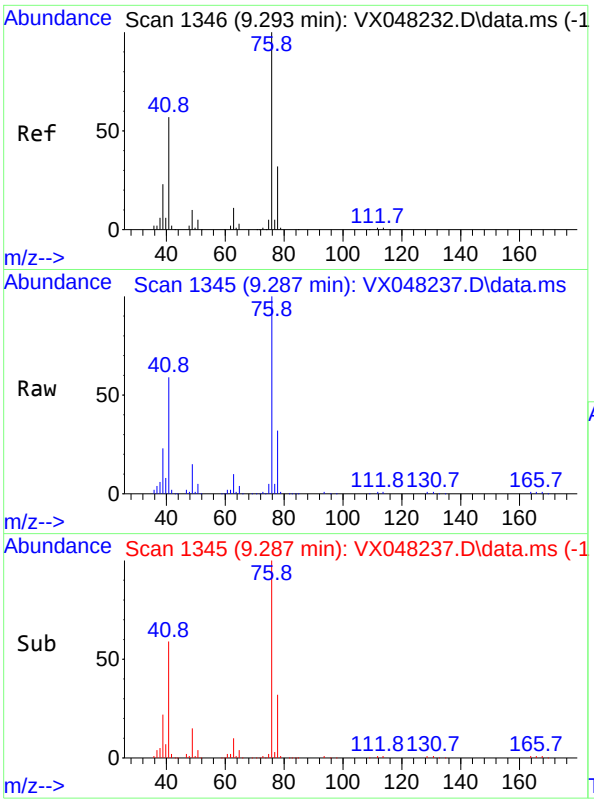




#56
Ethyl methacrylate
Concen: 49.964 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 69 Resp: 111702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.1 | 56.0 | 84.0 |
| 39 | 36.0 | 31.6 | 47.4 |



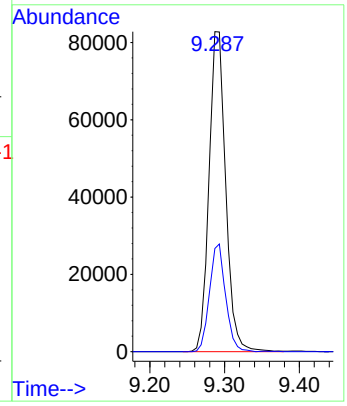


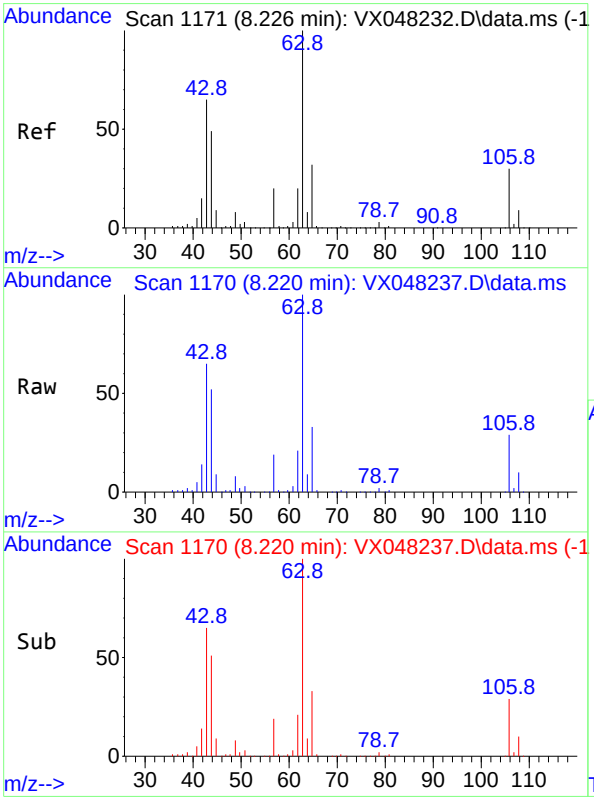

#57
1,3-Dichloropropane
Concen: 49.226 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 76 Resp: 128519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.4 | 25.4 | 38.0 |

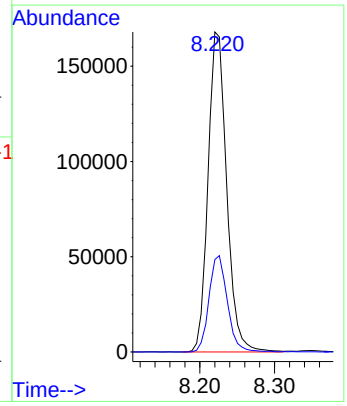


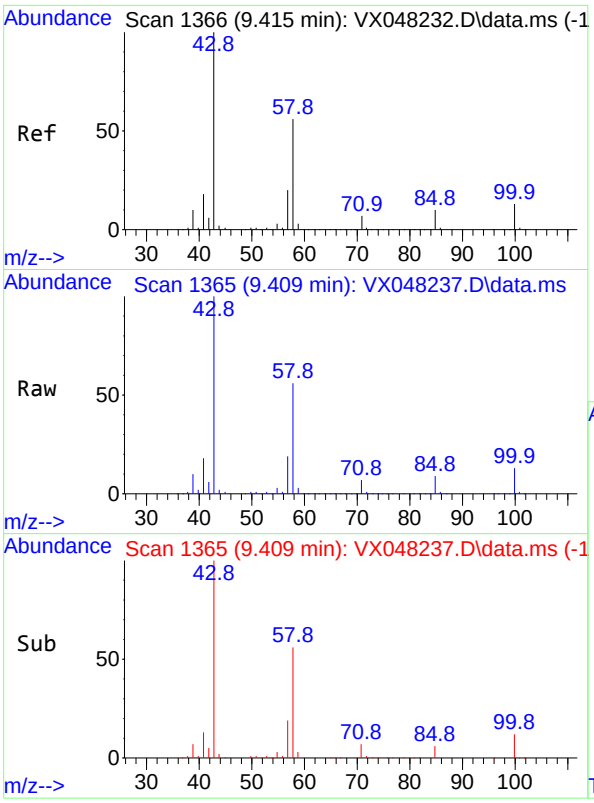




#58
2-Chloroethyl Vinyl ether
Concen: 242.124 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 290992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.6 | 22.2 | 33.2 |



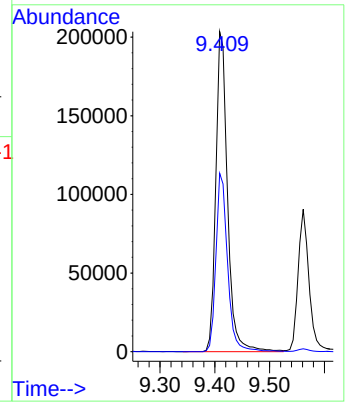


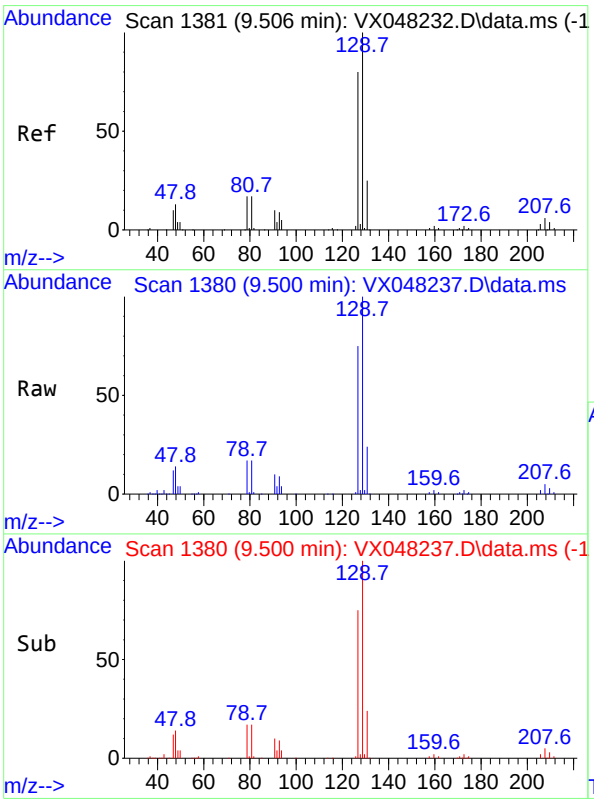

#59
2-Hexanone
Concen: 246.102 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 43 Resp: 300183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.6 | 26.3 | 78.8 |

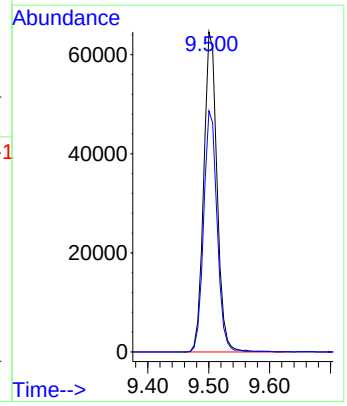


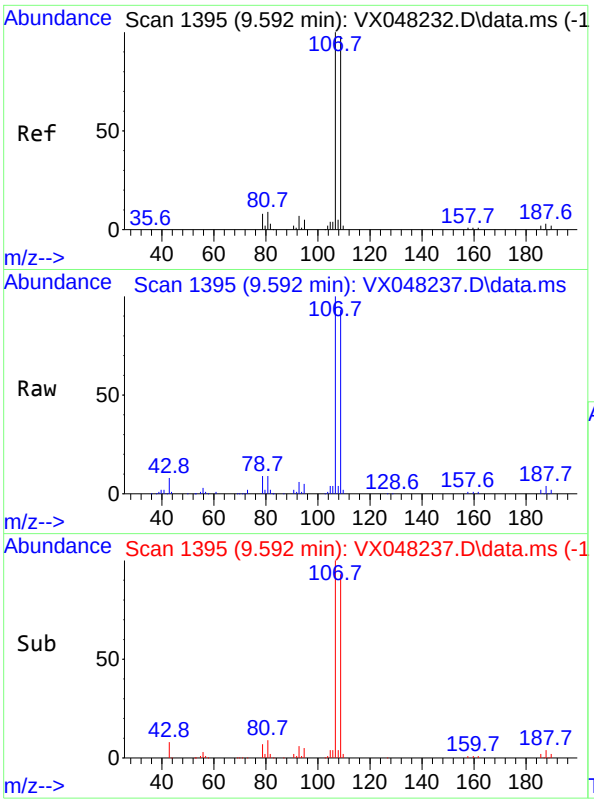




#60
Dibromochloromethane
Concen: 47.530 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:129 Resp: 97643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.2 | 38.6 | 115.7 |



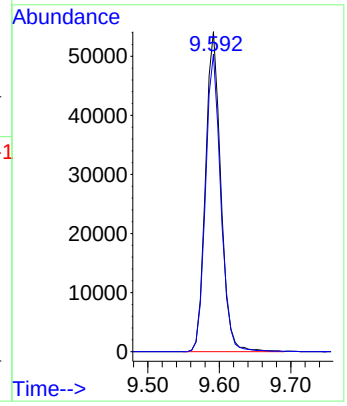


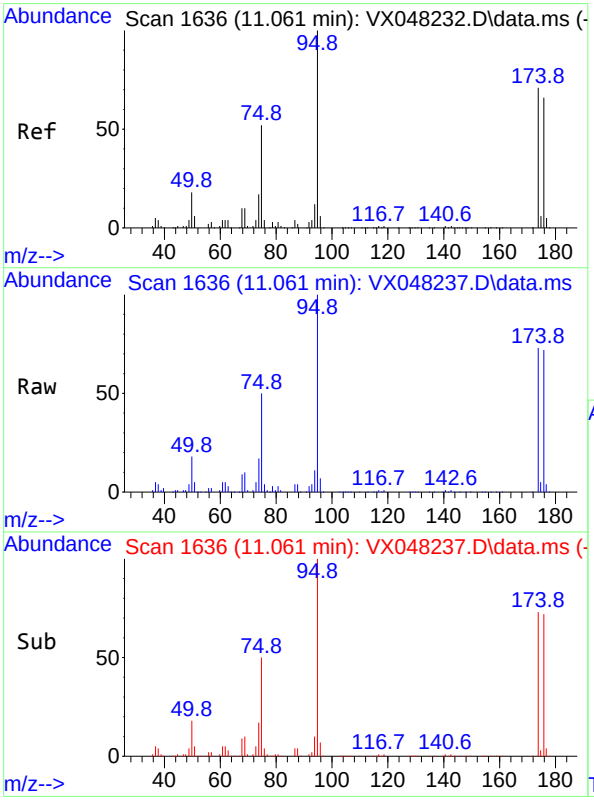

#61
1,2-Dibromoethane
Concen: 49.319 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:107 Resp: 80363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.1 | 77.0 | 115.4 |

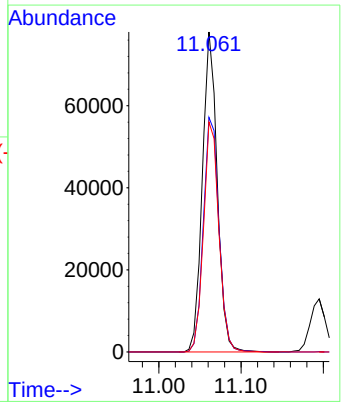


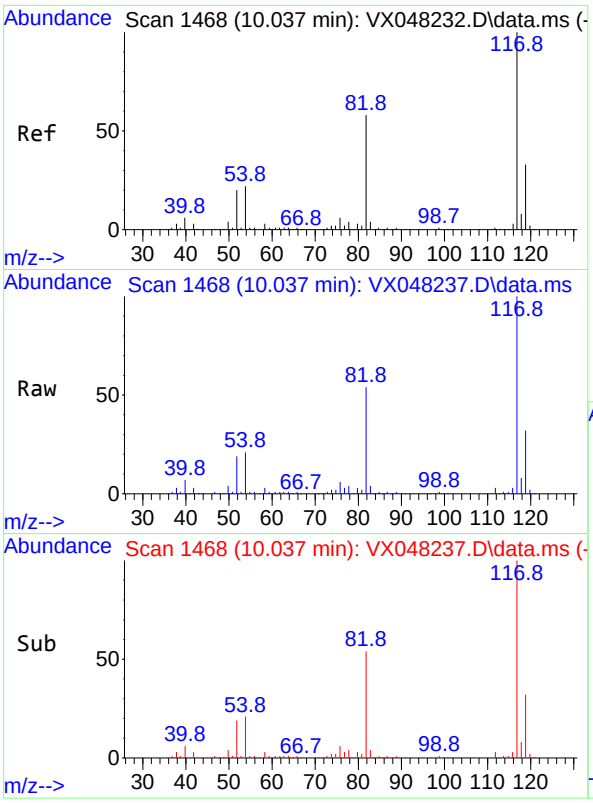




#62
4-Bromofluorobenzene
Concen: 46.795 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 95 Resp: 97828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.0 | 0.0 | 147.8 |
| 176 | 74.2 | 0.0 | 142.8 |



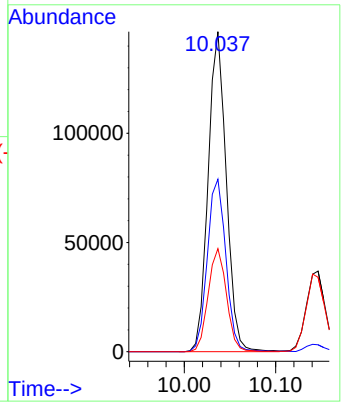


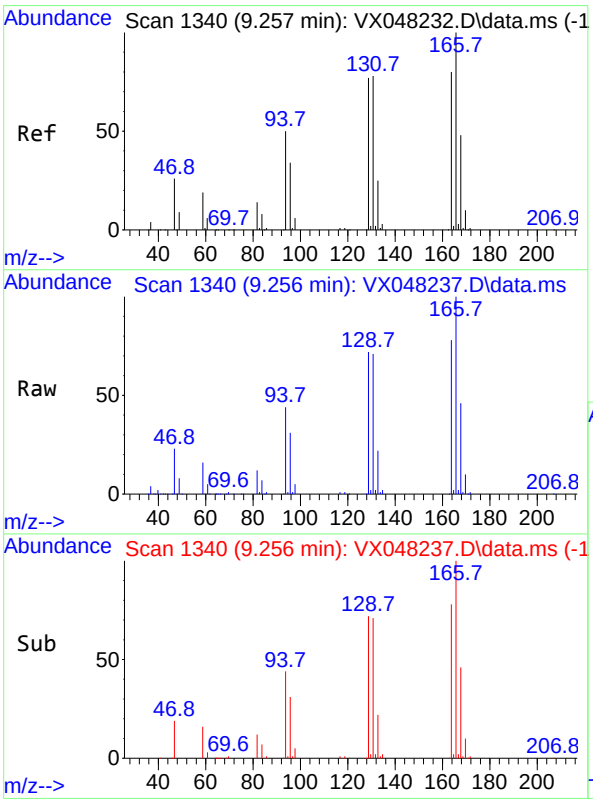

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:117 Resp: 201397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.9 | 46.5 | 69.7 |
| 119 | 32.2 | 25.9 | 38.9 |

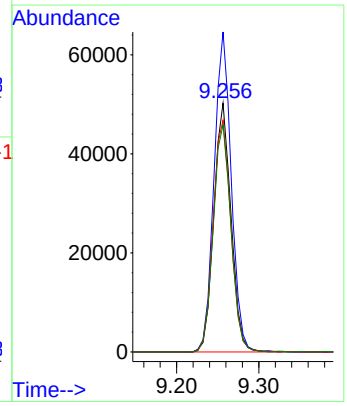


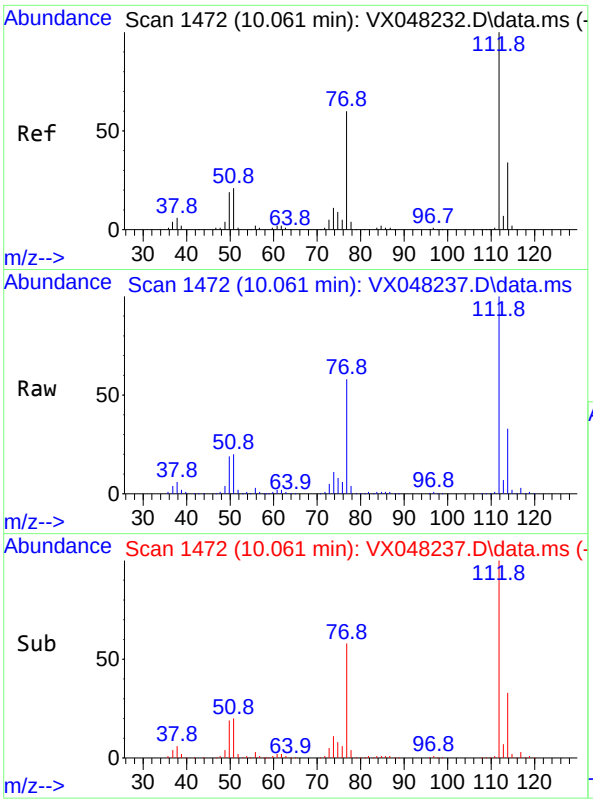




#64
Tetrachloroethene
Concen: 48.686 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:164 Resp: 73198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.6 | 104.5 | 156.7 |
| 129 | 93.1 | 81.8 | 122.6 |
| 131 | 91.3 | 77.0 | 115.6 |



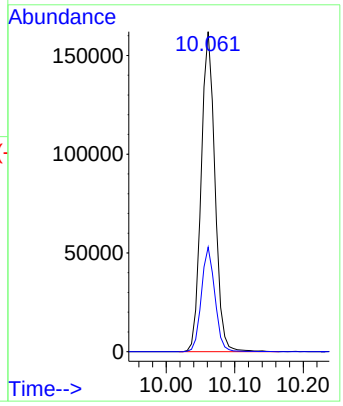


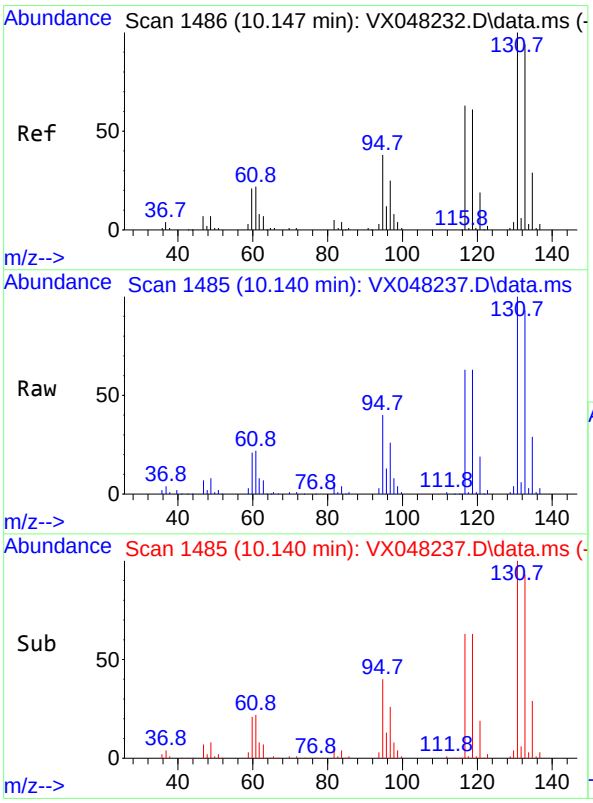

#65
Chlorobenzene
Concen: 50.095 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:112 Resp: 226953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.6 | 26.2 | 39.2 |

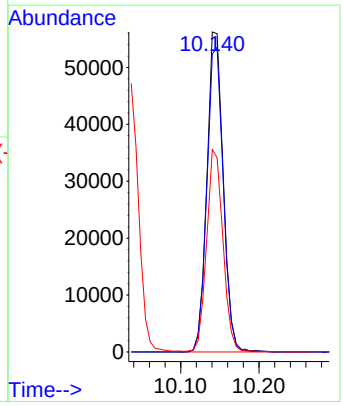


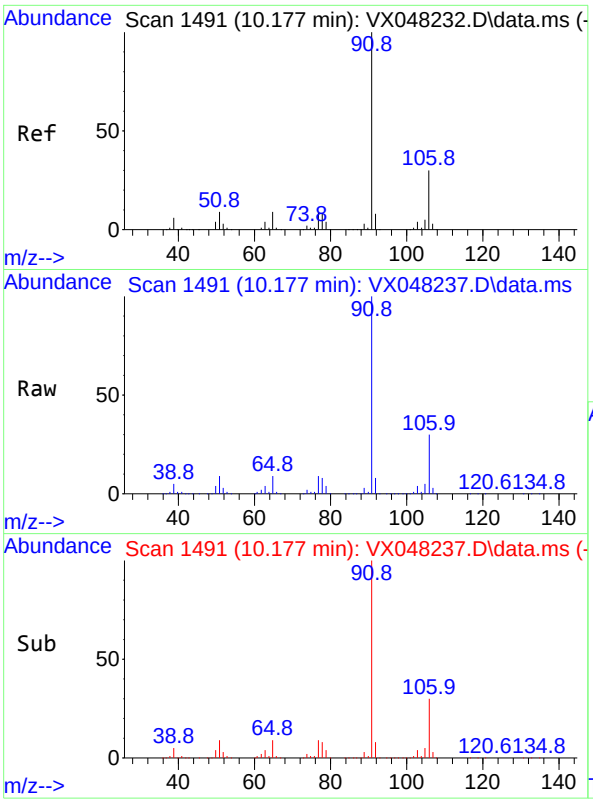




#66
1,1,1,2-Tetrachloroethane
Concen: 49.014 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:131 Resp: 81561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.2 | 47.6 | 142.8 |
| 119 | 63.3 | 32.5 | 97.5 |



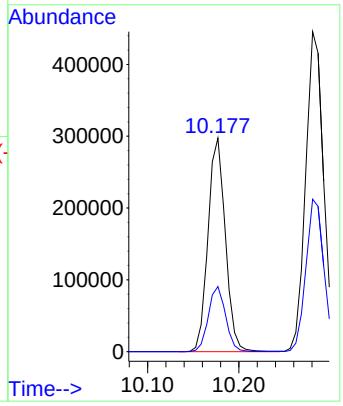


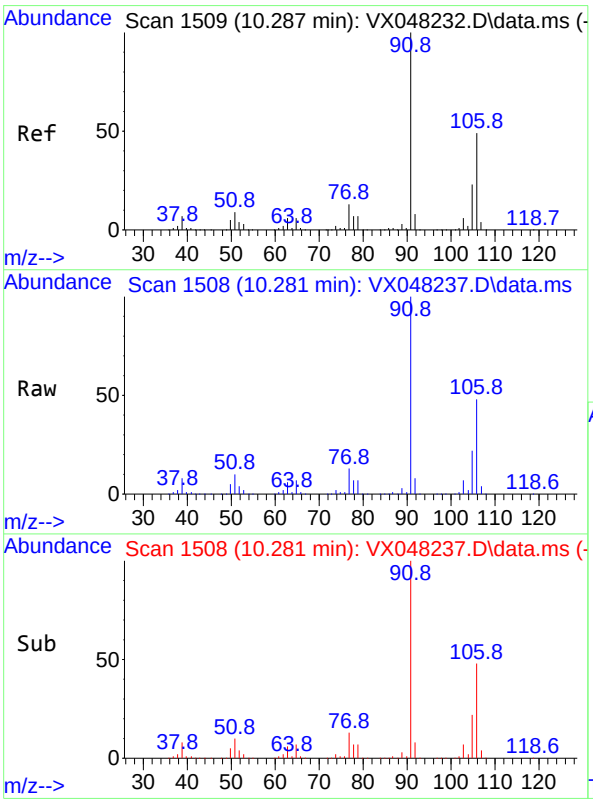

#67
Ethyl Benzene
Concen: 50.798 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 91 Resp: 391830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.5 | 23.8 | 35.6 |

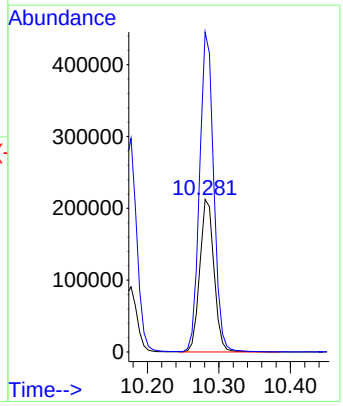


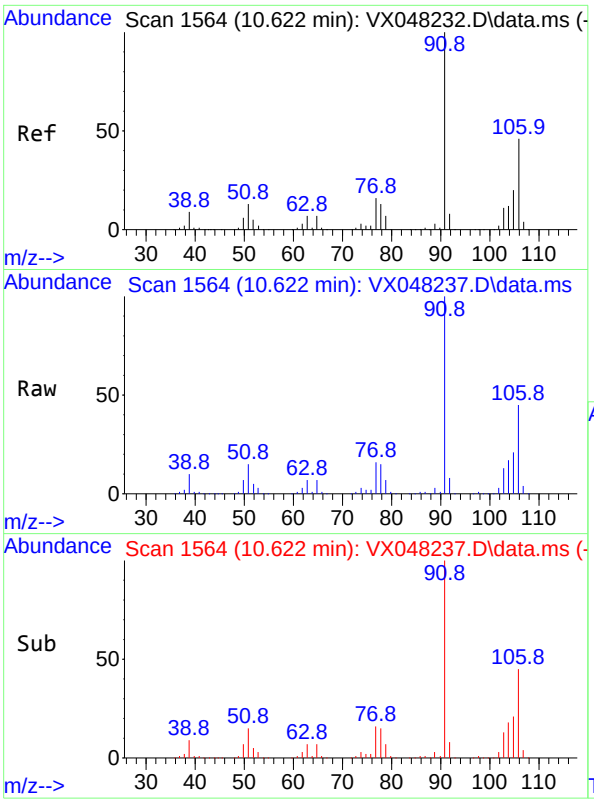




#68
m/p-Xylenes
Concen: 102.416 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:106 Resp: 293516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 208.2 | 167.9 | 251.9 |



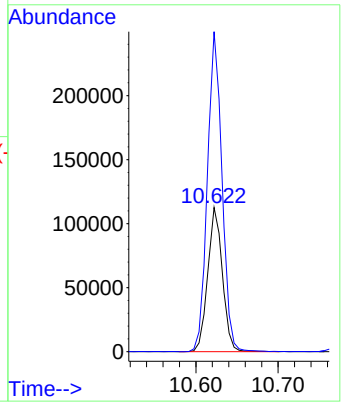


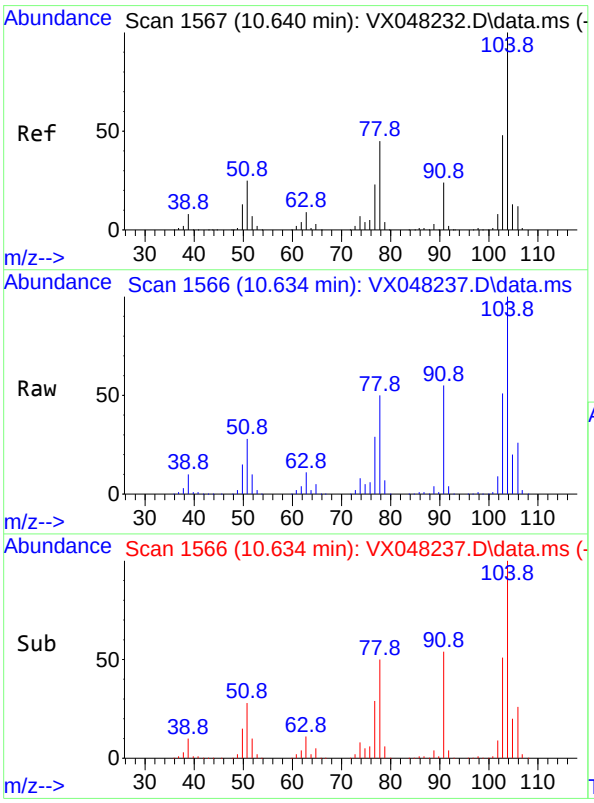

#69
o-Xylene
Concen: 50.424 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:106 Resp: 139515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.1 | 111.3 | 333.9 |

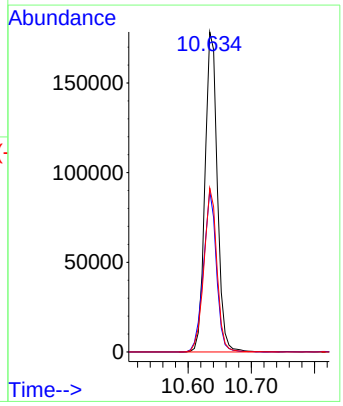


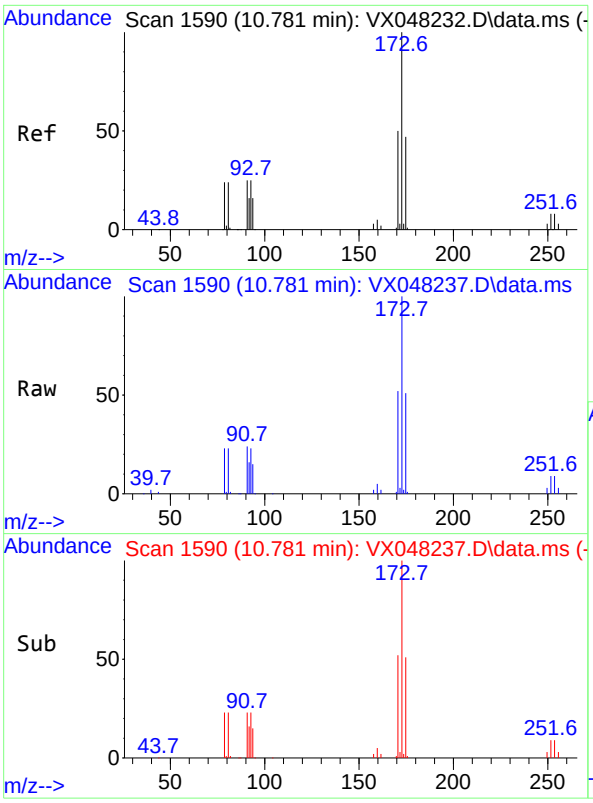




#70
Styrene
Concen: 51.651 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:104 Resp: 243341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.8 | 42.2 | 63.4 |
| 103 | 53.8 | 43.0 | 64.4 |



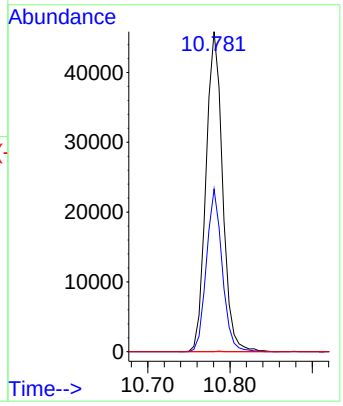


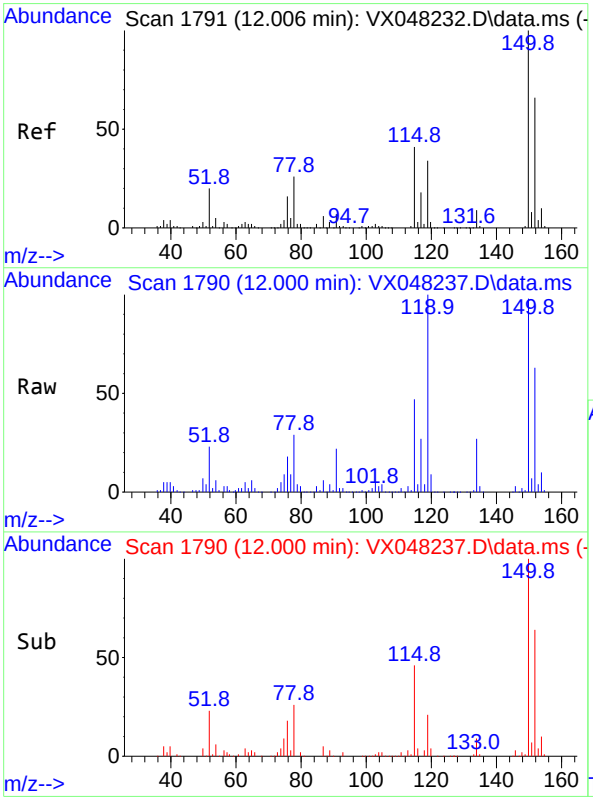

#71
Bromoform
Concen: 48.250 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:173 Resp: 64170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.3 | 24.0 | 72.0 |
| 254 | 0.1 | 0.0 | 0.0# |

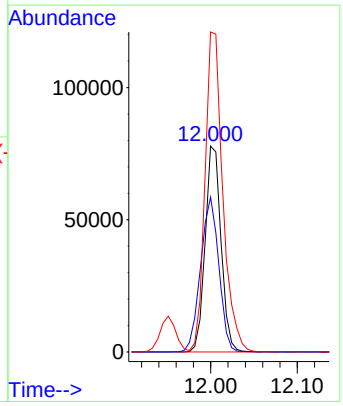


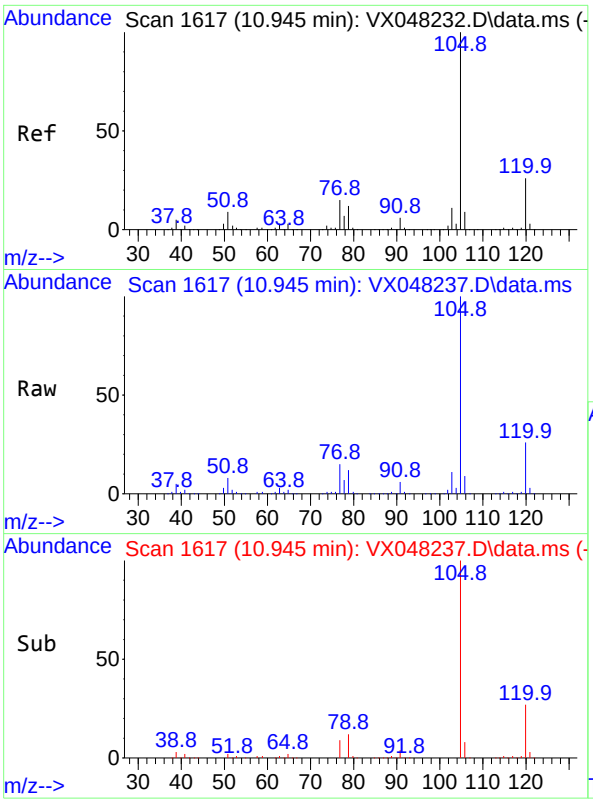




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:152 Resp: 99108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 86.2 | 43.1 | 129.4 |
| 150 | 173.4 | 0.0 | 353.0 |



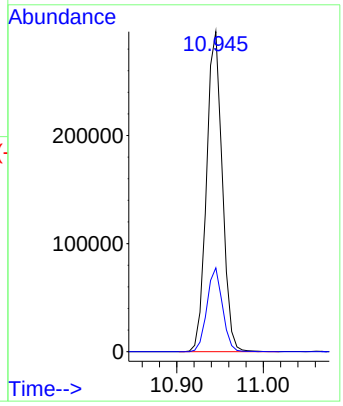


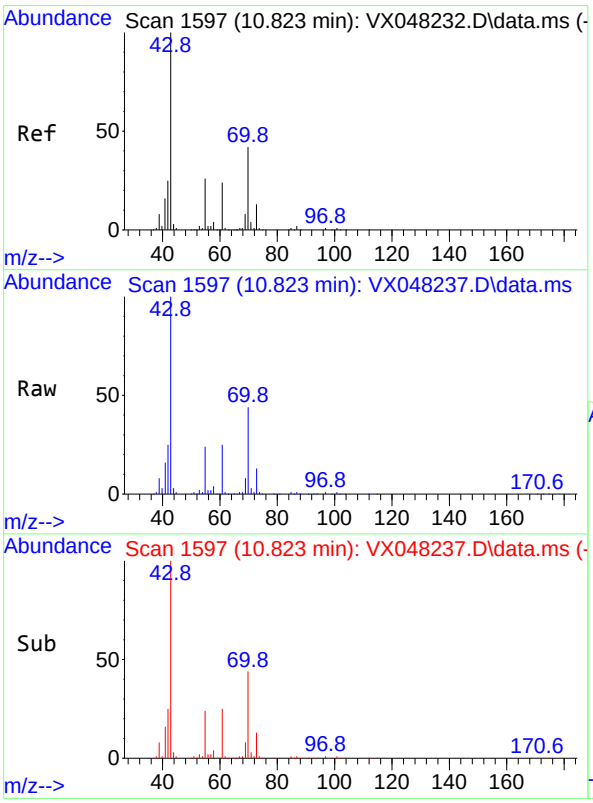

#73
Isopropylbenzene
Concen: 51.658 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:105 Resp: 373948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.8 | 13.0 | 38.9 |

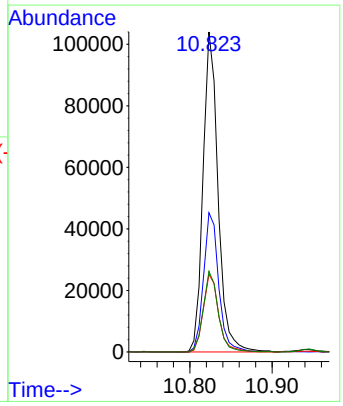


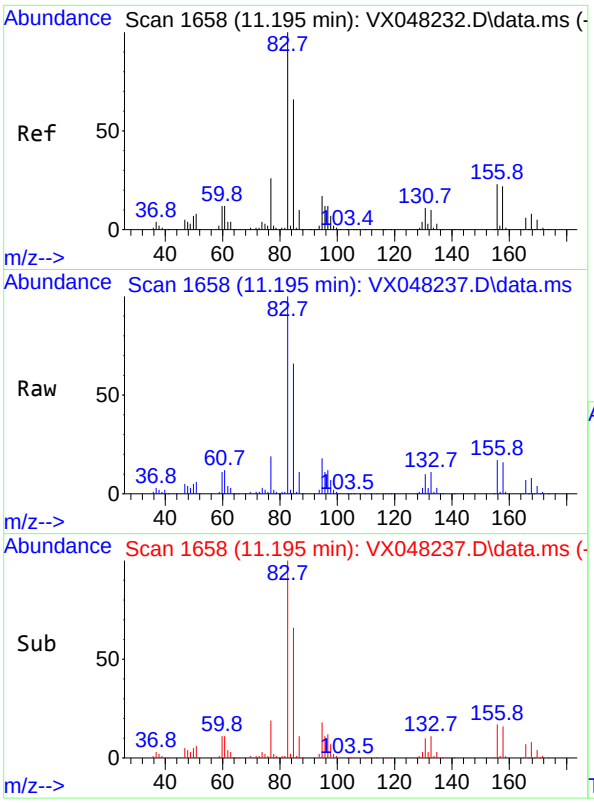




#74
N-amyl acetate
Concen: 51.399 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 131979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.1 | 32.2 | 48.2 |
| 55 | 25.0 | 19.1 | 28.7 |
| 61 | 25.1 | 18.6 | 28.0 |



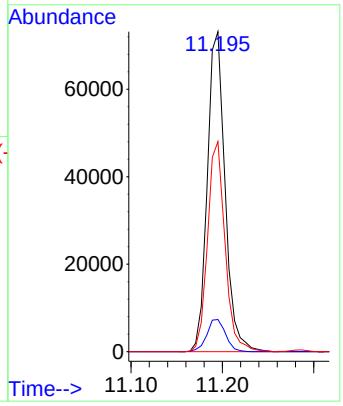


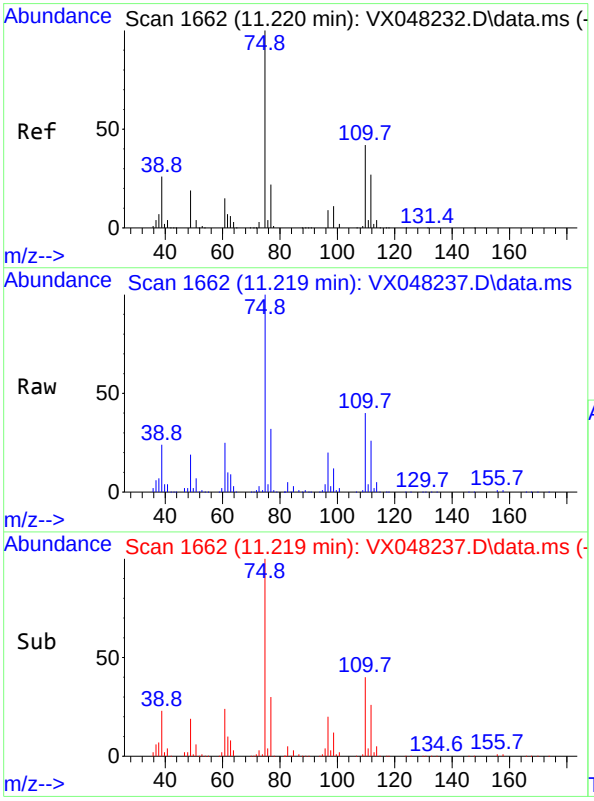

#75
1,1,2,2-Tetrachloroethane
Concen: 49.936 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 83 Resp: 98715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.6 | 4.8 | 14.4 |
| 85 | 64.8 | 31.9 | 95.7 |

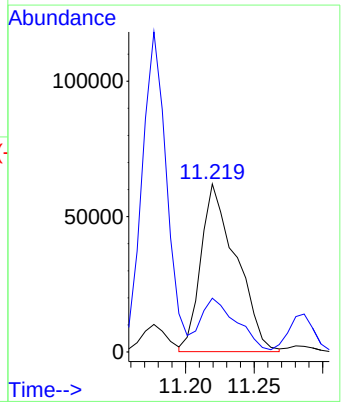


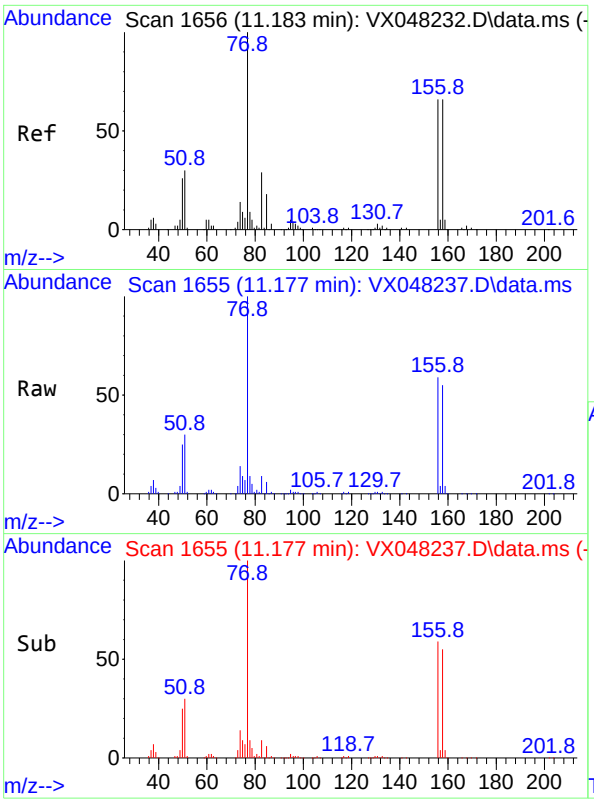




#76
1,2,3-Trichloropropane
Concen: 69.229 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 111265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.1 | 22.4 | 67.2 |



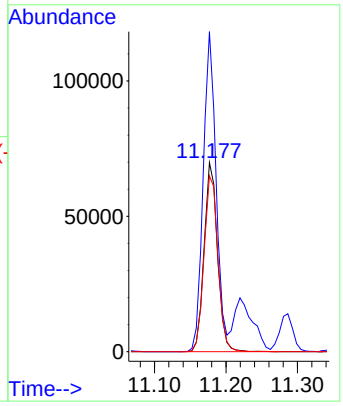


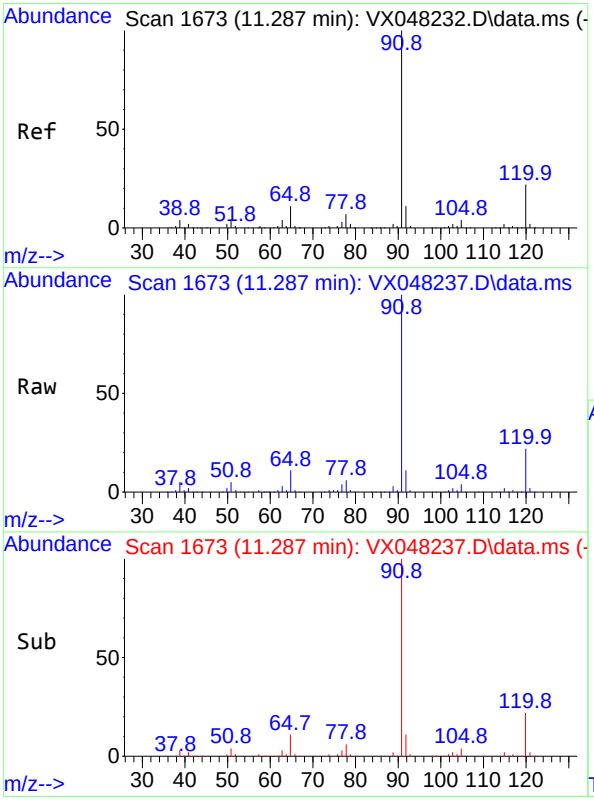

#77
Bromobenzene
Concen: 50.135 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:156 Resp: 91000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 162.5 | 87.0 | 261.0 |
| 158 | 96.4 | 47.8 | 143.4 |

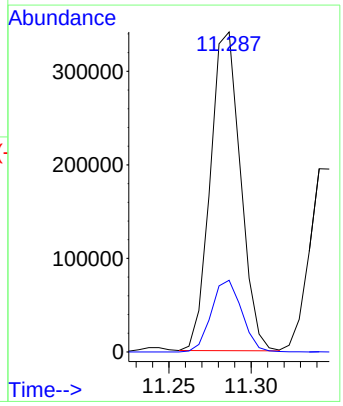


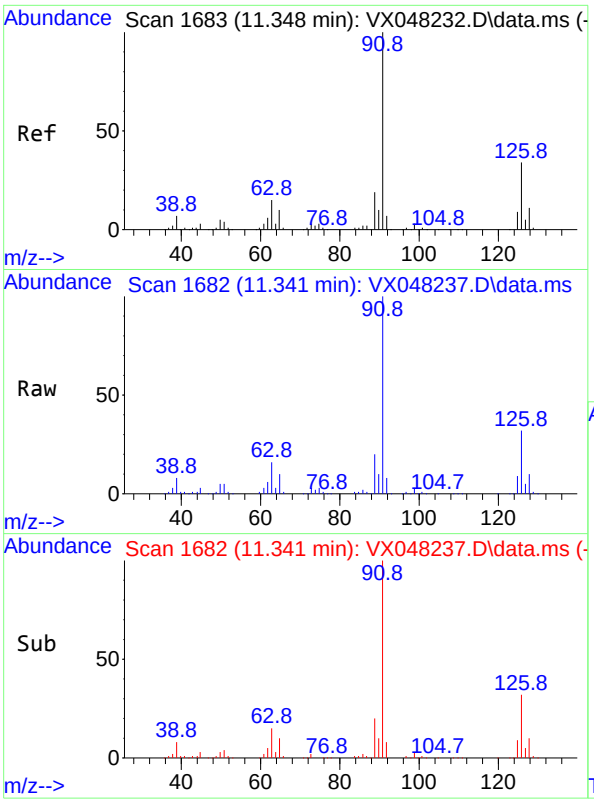




#78
n-propylbenzene
Concen: 51.980 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 435662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.7 | 11.1 | 33.1 |



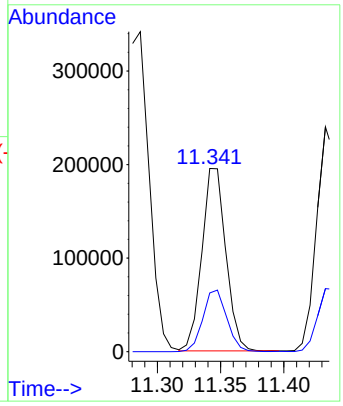


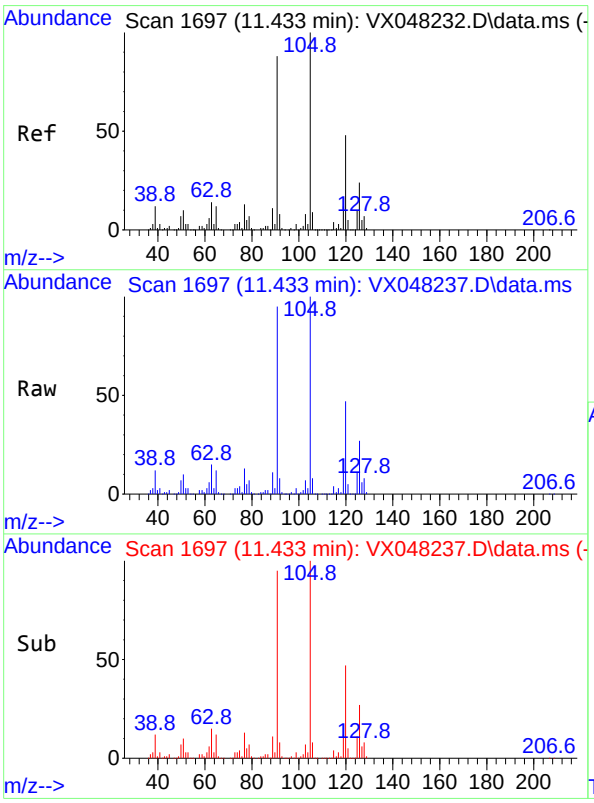

#79
2-Chlorotoluene
Concen: 50.760 ug/l
RT: 11.341 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 91 Resp: 257936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.7 | 16.4 | 49.4 |

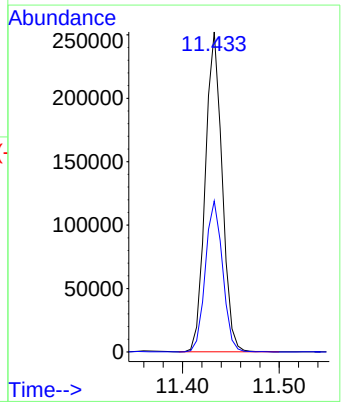


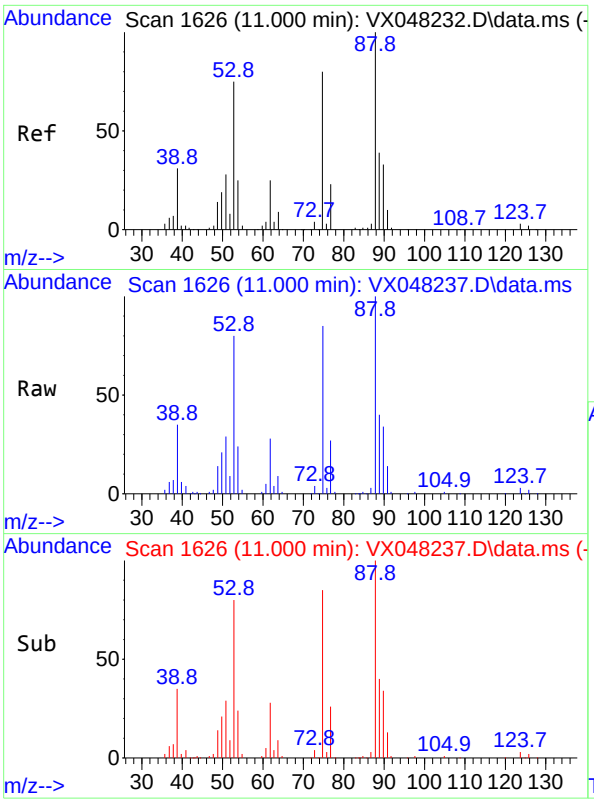




#80
1,3,5-Trimethylbenzene
Concen: 50.918 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 305027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.5 | 24.0 | 72.0 |



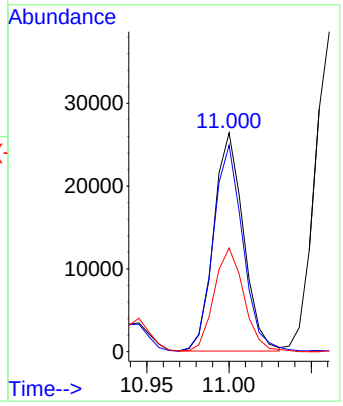


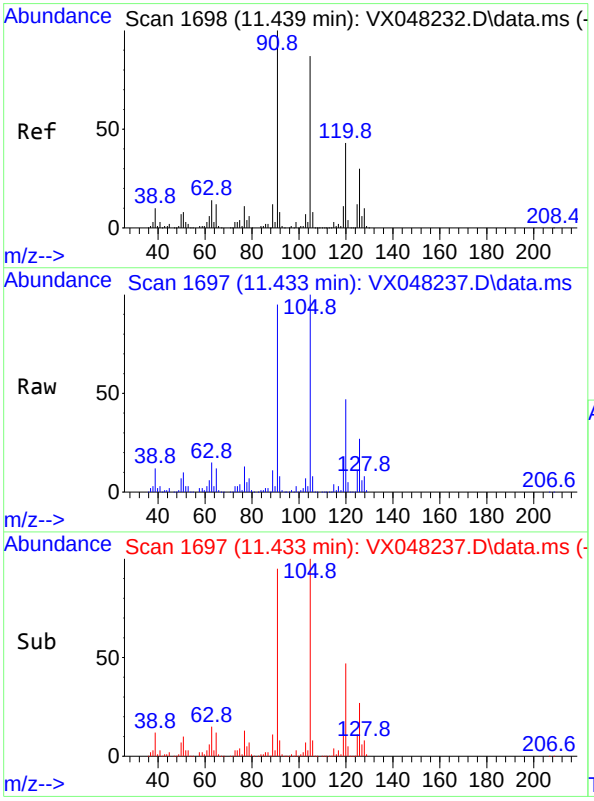

#81
trans-1,4-Dichloro-2-butene
Concen: 49.995 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 75 Resp: 33027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 95.4 | 79.5 | 119.3 |
| 89 | 48.1 | 36.8 | 55.2 |

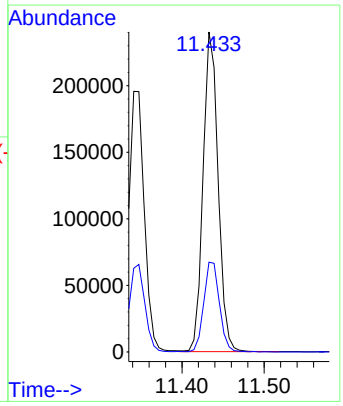


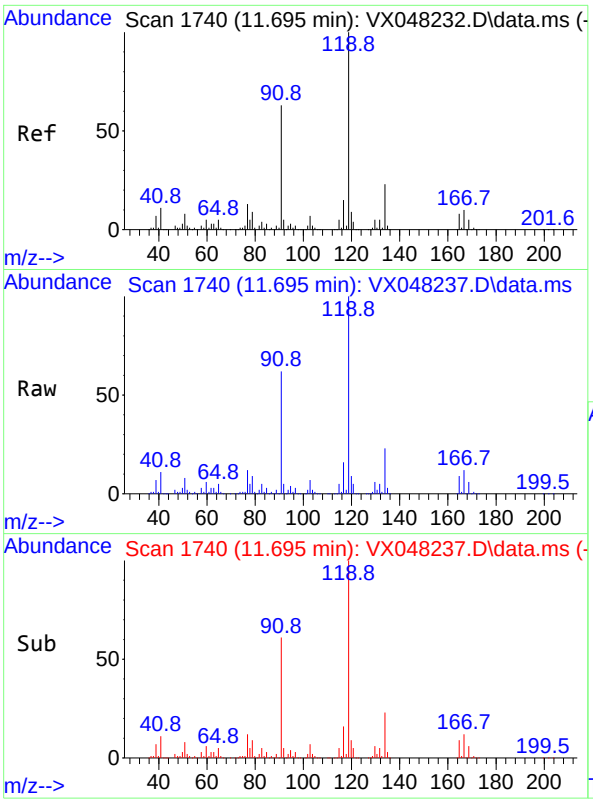




#82
4-Chlorotoluene
Concen: 50.507 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 304670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.5 | 14.1 | 42.4 |



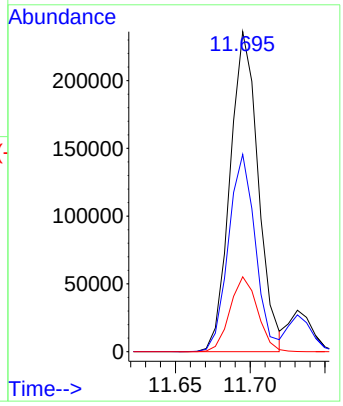


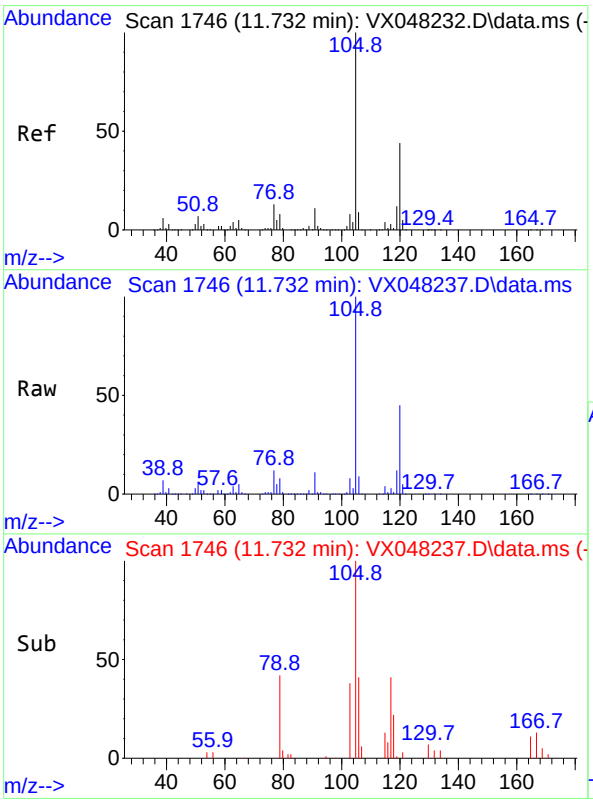

#83
tert-Butylbenzene
Concen: 50.288 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:119 Resp: 309524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.2 | 30.3 | 91.0 |
| 134 | 22.9 | 11.4 | 34.2 |

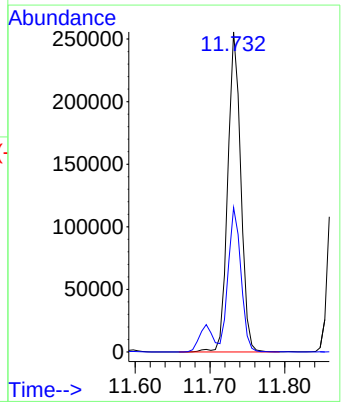


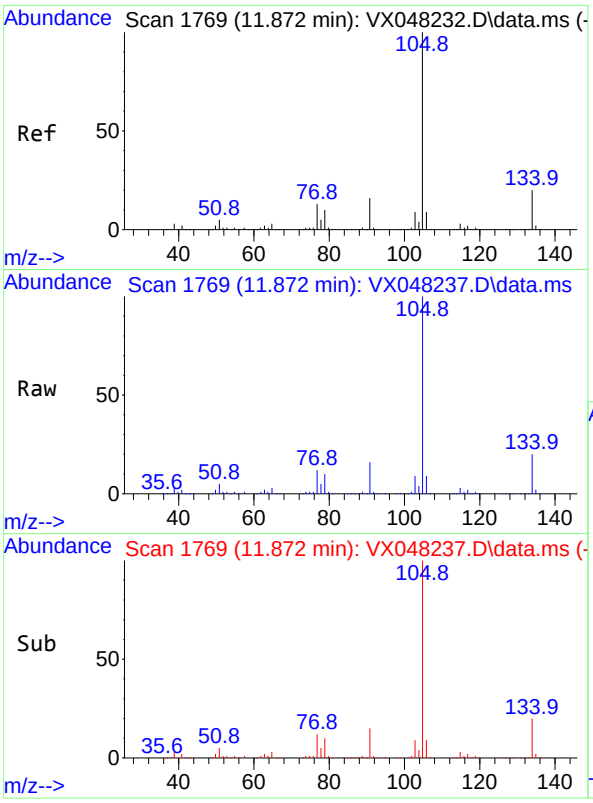




#84
1,2,4-Trimethylbenzene
Concen: 51.607 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 308529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.1 | 22.1 | 66.5 |



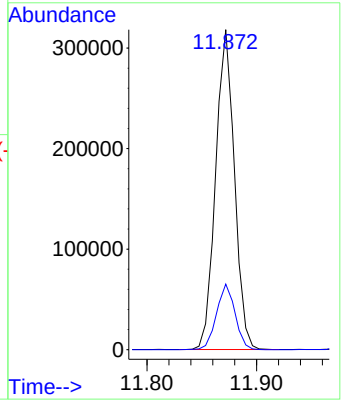


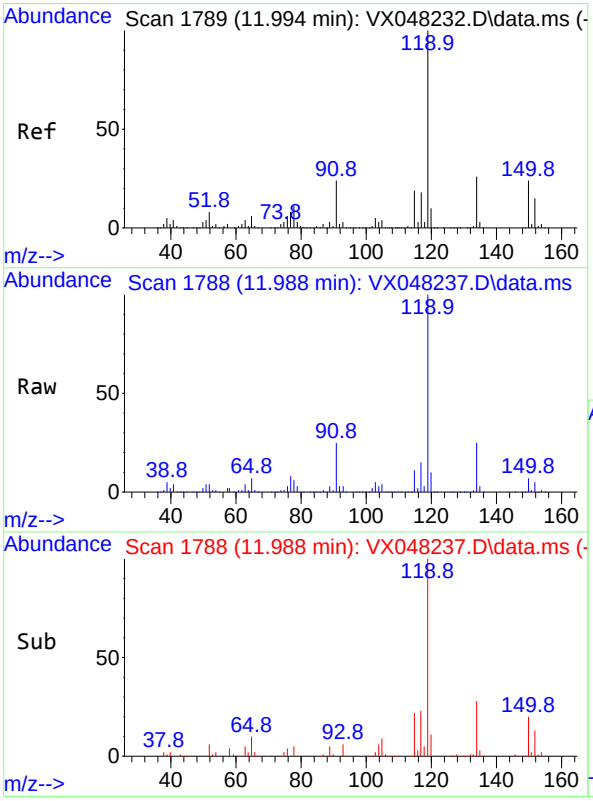

#85
sec-Butylbenzene
Concen: 51.230 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:105 Resp: 379368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.1 | 30.1 |

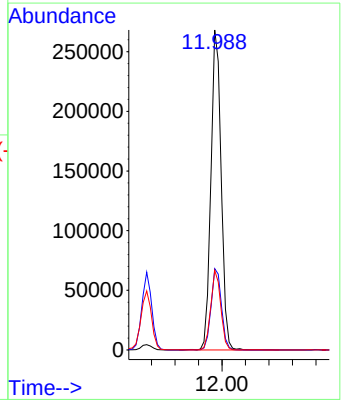


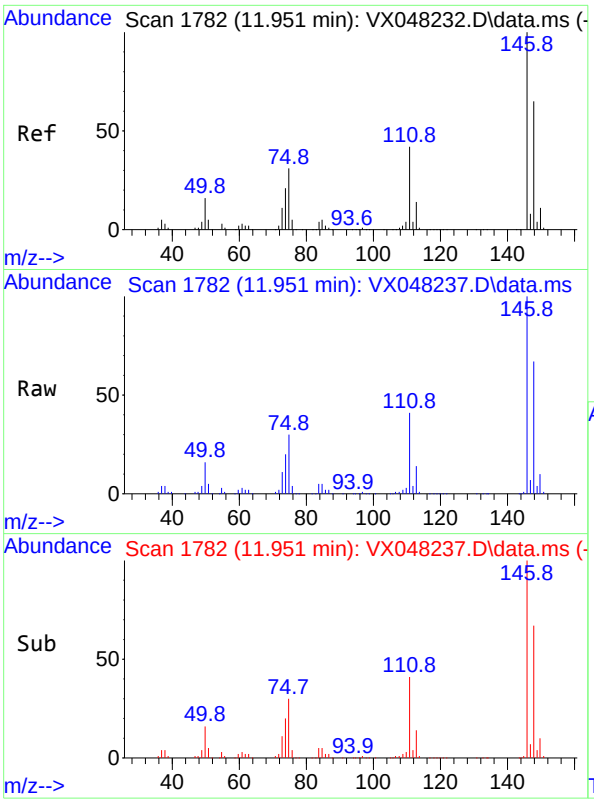




#86
p-Isopropyltoluene
Concen: 50.686 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:119 Resp: 324425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.8 | 13.0 | 39.0 |
| 91 | 24.3 | 12.1 | 36.3 |



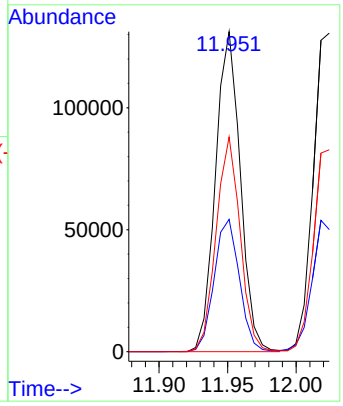


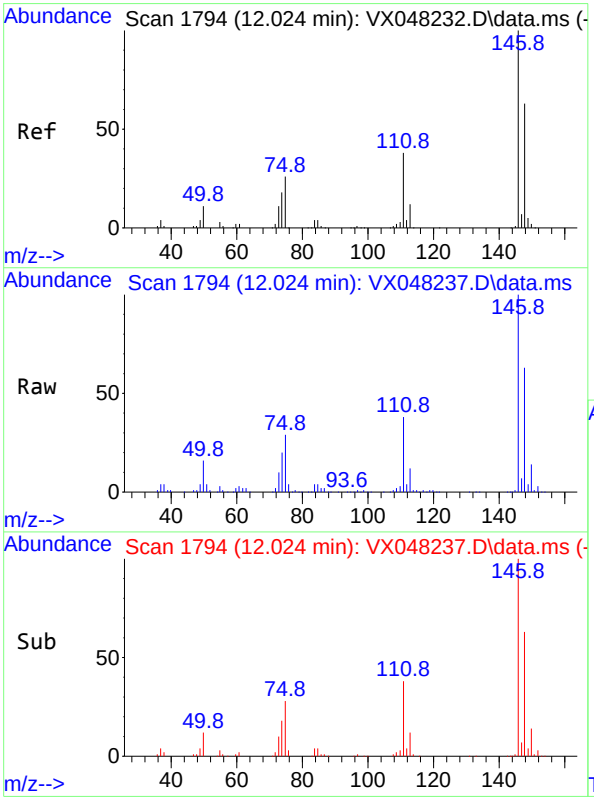

#87
1,3-Dichlorobenzene
Concen: 48.229 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:146 Resp: 165027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.2 | 20.4 | 61.2 |
| 148 | 65.3 | 31.9 | 95.9 |

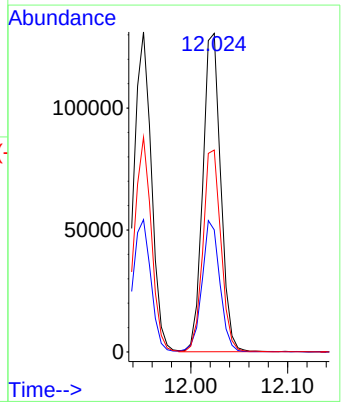


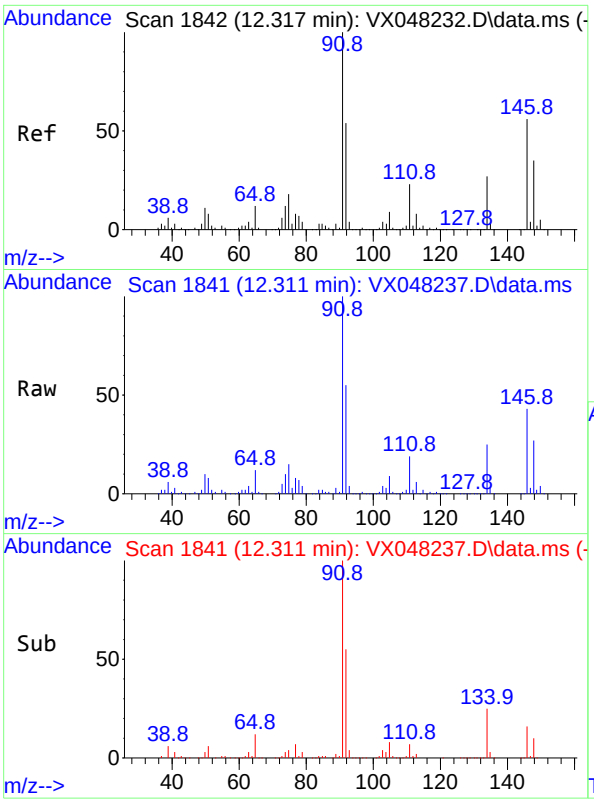




#88
1,4-Dichlorobenzene
Concen: 47.423 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:146 Resp: 168102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.9 | 20.1 | 60.2 |
| 148 | 63.9 | 31.8 | 95.3 |



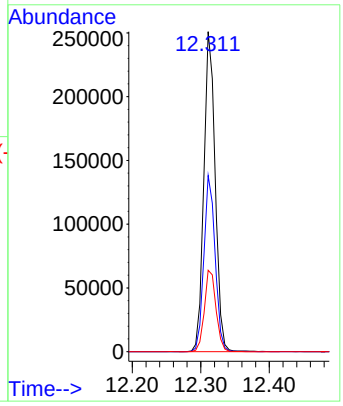


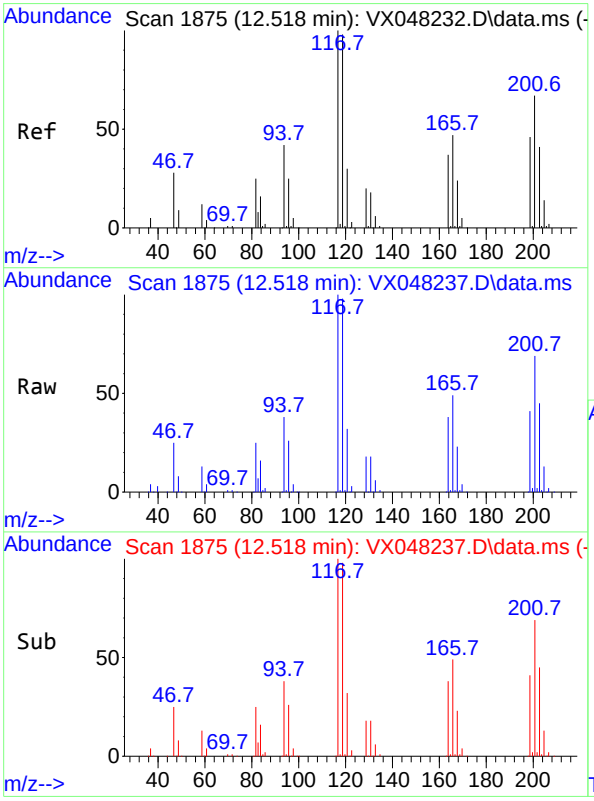

#89
n-Butylbenzene
Concen: 49.728 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion: 91 Resp: 289706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.7 | 26.9 | 80.6 |
| 134 | 26.1 | 12.7 | 38.1 |

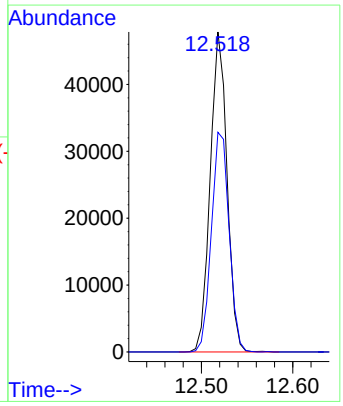


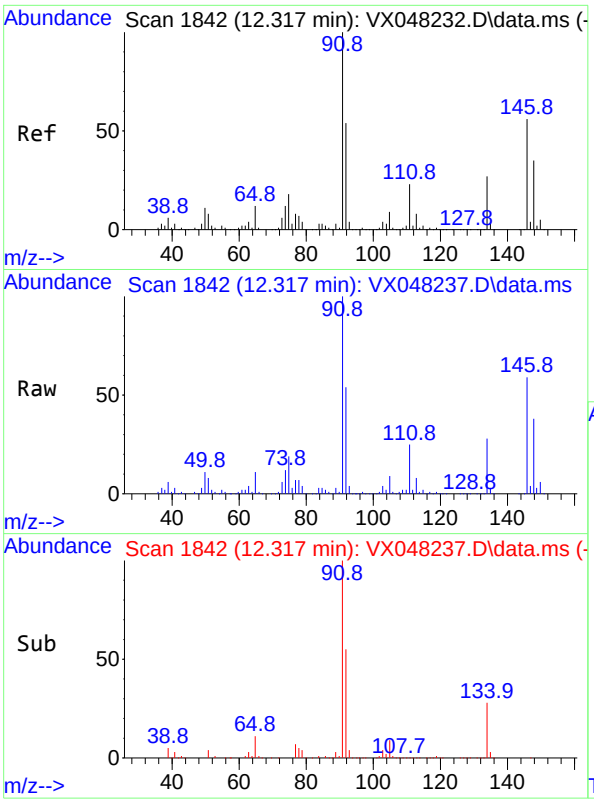




#90
Hexachloroethane
Concen: 48.437 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 61223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 72.4 | 34.1 | 102.2 |



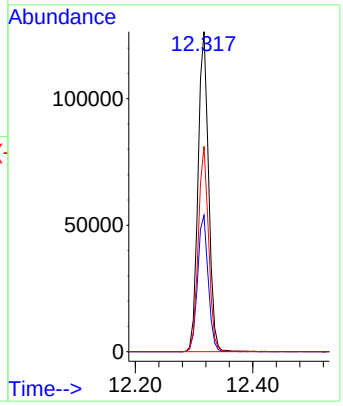


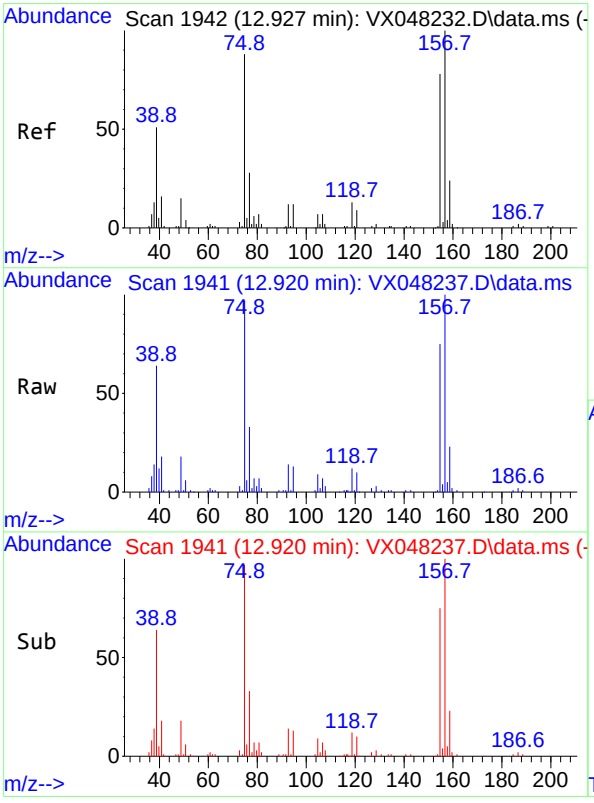

#91
1,2-Dichlorobenzene
Concen: 49.123 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:146 Resp: 157812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.8 | 21.9 | 65.5 |
| 148 | 62.8 | 31.9 | 95.5 |

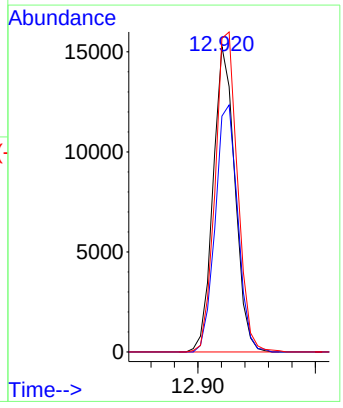


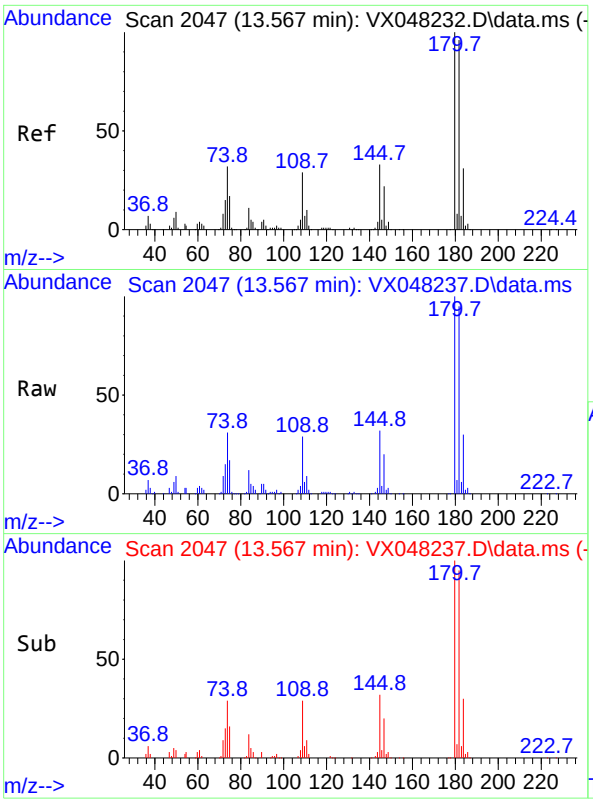




#92
1,2-Dibromo-3-Chloropropane
Concen: 49.072 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 19691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.2 | 42.8 | 128.4 |
| 157 | 107.6 | 54.2 | 162.6 |



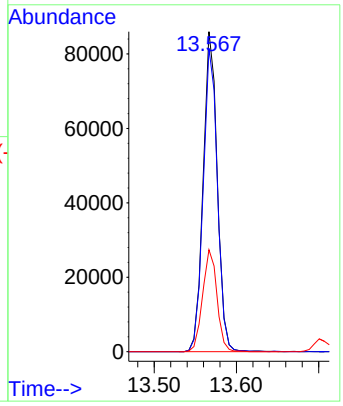


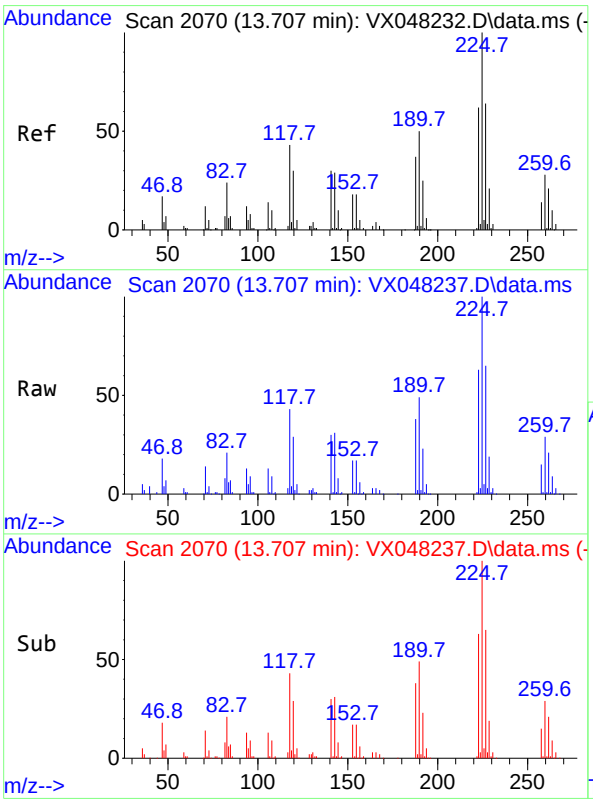

#93
1,2,4-Trichlorobenzene
Concen: 46.941 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:180 Resp: 101983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 47.3 | 142.0 |
| 145 | 32.5 | 16.3 | 48.9 |

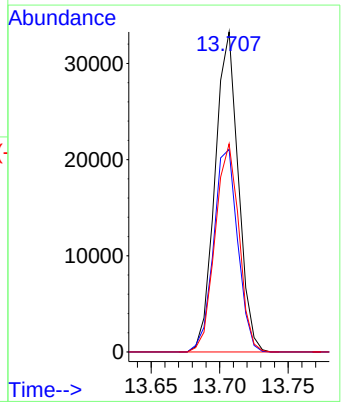


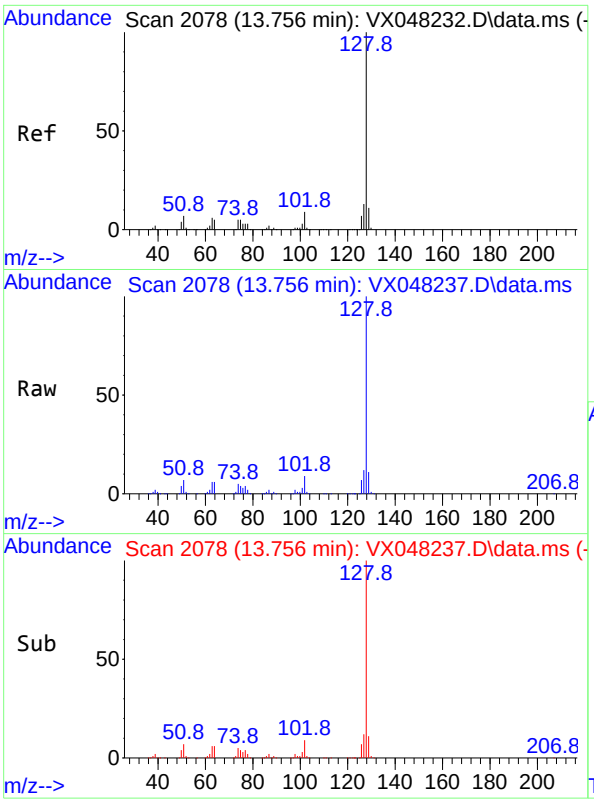




#94
Hexachlorobutadiene
Concen: 48.274 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:225 Resp: 39299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.8 | 32.6 | 97.7 |
| 227 | 66.5 | 32.5 | 97.4 |



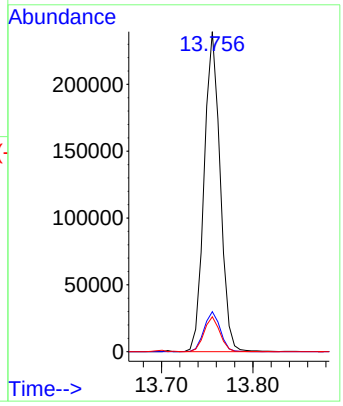


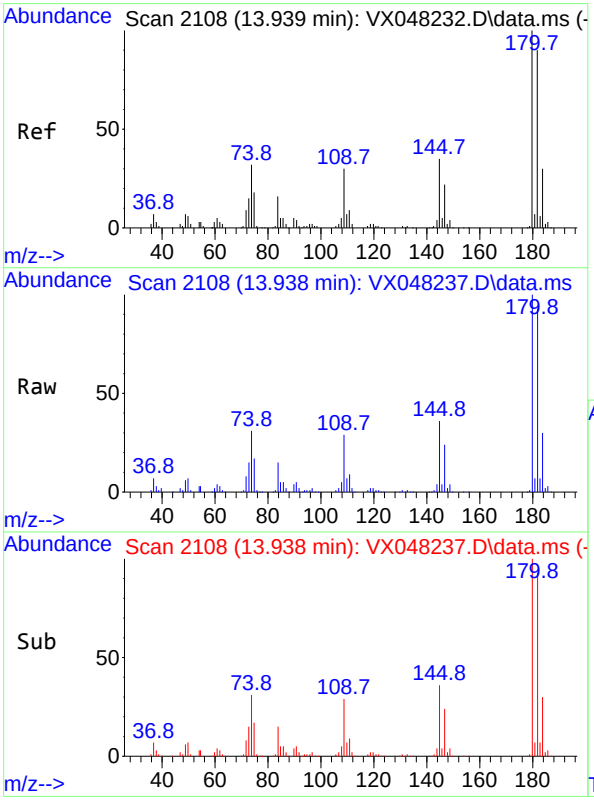

#95
Naphthalene
Concen: 50.362 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX102025

Tgt Ion:128 Resp: 289882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.7 | 10.2 | 15.4 |
| 129 | 10.8 | 8.6 | 12.8 |

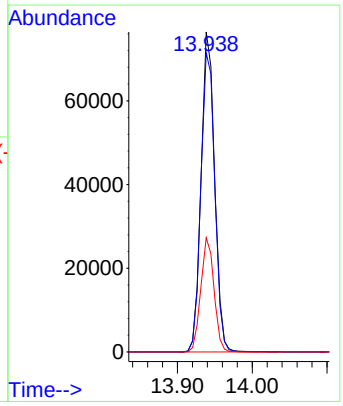



#96
1,2,3-Trichlorobenzene
Concen: 48.223 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:180 Resp: 96139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 46.6 | 139.7 |
| 145 | 34.8 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 112883 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.739 | 114 | 171616 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 151325 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.000 | 152 | 76595 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 76366 | 48.250 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 96.500% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 60534 | 51.667 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 103.340% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 203851 | 49.640 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.280% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 75540 | 48.352 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 96.700% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 65265 | 56.241 | ug/l | 99 |
| 3) Chloromethane | 1.300 | 50 | 49425 | 45.630 | ug/l | 99 |
| 4) Vinyl Chloride | 1.380 | 62 | 47382 | 47.239 | ug/l | 100 |
| 5) Bromomethane | 1.611 | 94 | 33539 | 49.271 | ug/l | 97 |
| 6) Chloroethane | 1.691 | 64 | 28903 | 49.038 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 107357 | 55.808 | ug/l | 97 |
| 8) Diethyl Ether | 2.136 | 74 | 26023 | 48.077 | ug/l | 83 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 68490 | 56.225 | ug/l | 96 |
| 10) Methyl Iodide | 2.453 | 142 | 87087 | 56.868 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.940 | 59 | 35785 | 227.724 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.319 | 96 | 62744 | 52.943 | ug/l | 94 |
| 13) Acrolein | 2.233 | 56 | 48081 | 300.005 | ug/l | 99 |
| 14) Allyl chloride | 2.660 | 41 | 94077 | 47.813 | ug/l | 91 |
| 15) Acrylonitrile | 3.050 | 53 | 131715 | 232.450 | ug/l | 98 |
| 16) Acetone | 2.373 | 43 | 154383 | 284.337 | ug/l | 99 |
| 17) Carbon Disulfide | 2.514 | 76 | 177992 | 47.654 | ug/l | 99 |
| 18) Methyl Acetate | 2.697 | 43 | 51668 | 45.566 | ug/l | 93 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 209570 | 51.835 | ug/l | 93 |
| 20) Methylene Chloride | 2.788 | 84 | 68678 | 51.912 | ug/l | 88 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 68104 | 52.315 | ug/l | 99 |
| 22) Diisopropyl ether | 3.745 | 45 | 196556 | 50.085 | ug/l # | 96 |
| 23) Vinyl Acetate | 3.709 | 43 | 777072 | 247.880 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 3.599 | 63 | 120039 | 50.586 | ug/l | 100 |
| 25) 2-Butanone | 4.532 | 43 | 167713 | 244.037 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.458 | 77 | 115554 | 53.950 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.471 | 96 | 77266 | 50.857 | ug/l | 100 |
| 28) Bromochloromethane | 4.879 | 49 | 50491 | 51.316 | ug/l # | 80 |
| 29) Tetrahydrofuran | 4.983 | 42 | 90001 | 218.666 | ug/l | 91 |
| 30) Chloroform | 5.074 | 83 | 130715 | 51.559 | ug/l | 94 |
| 31) Cyclohexane | 5.452 | 56 | 98916 | 50.349 | ug/l | 86 |
| 32) 1,1,1-Trichloroethane | 5.361 | 97 | 128292 | 54.907 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 5.672 | 75 | 89311 | 53.632 | ug/l | 99 |
| 37) Ethyl Acetate | 4.696 | 43 | 64504 | 46.733 | ug/l | 95 |
| 38) Carbon Tetrachloride | 5.659 | 117 | 117550 | 57.216 | ug/l | 96 |
| 39) Methylcyclohexane | 7.360 | 83 | 108726 | 55.285 | ug/l | 93 |
| 40) Benzene | 6.013 | 78 | 253259 | 52.383 | ug/l | 96 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.897 | 41 | 35771 | 49.349 | ug/l | | 93 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 100501 | 56.333 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.312 | 43 | 108948 | 48.053 | ug/l | # | 95 |
| 44) Trichloroethene | 7.104 | 130 | 69227 | 54.227 | ug/l | | 95 |
| 45) 1,2-Dichloropropane | 7.409 | 63 | 59904 | 52.114 | ug/l | | 97 |
| 46) Dibromomethane | 7.562 | 93 | 47300 | 52.817 | ug/l | | 93 |
| 47) Bromodichloromethane | 7.799 | 83 | 106527 | 55.092 | ug/l | | 96 |
| 48) Methyl methacrylate | 7.671 | 41 | 56901 | 49.735 | ug/l | | 94 |
| 49) 1,4-Dioxane | 7.641 | 88 | 14380 | 951.387 | ug/l | | 92 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 310242 | 237.329 | ug/l | | 94 |
| 52) Toluene | 8.702 | 92 | 163729 | 53.307 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.958 | 75 | 101924 | 54.699 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 107258 | 53.352 | ug/l | | 94 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 59586 | 52.167 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.098 | 69 | 84986 | 50.869 | ug/l | | 95 |
| 57) 1,3-Dichloropropane | 9.287 | 76 | 101491 | 52.019 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.220 | 63 | 229383 | 255.311 | ug/l | | 94 |
| 59) 2-Hexanone | 9.409 | 43 | 240369 | 263.703 | ug/l | | 95 |
| 60) Dibromochloromethane | 9.500 | 129 | 80645 | 52.530 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 64007 | 52.565 | ug/l | | 96 |
| 64) Tetrachloroethene | 9.256 | 164 | 60402 | 53.469 | ug/l | | 95 |
| 65) Chlorobenzene | 10.061 | 112 | 182674 | 53.663 | ug/l | | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 68462 | 54.756 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.177 | 91 | 314516 | 54.267 | ug/l | | 96 |
| 68) m/p-Xylenes | 10.281 | 106 | 236784 | 109.959 | ug/l | | 98 |
| 69) o-Xylene | 10.622 | 106 | 113014 | 54.361 | ug/l | | 100 |
| 70) Styrene | 10.634 | 104 | 197941 | 55.916 | ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 53116 | 53.153 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.945 | 105 | 304903 | 54.500 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 96095 | 48.424 | ug/l | | 94 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 75307 | 49.292 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 86659 | 69.767 | ug/l | | 82 |
| 77) Bromobenzene | 11.177 | 156 | 75059 | 53.507 | ug/l | | 93 |
| 78) n-propylbenzene | 11.286 | 91 | 356264 | 55.000 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 212434 | 54.093 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 253794 | 54.818 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 25680 | 50.299 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 250734 | 53.783 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.695 | 119 | 254160 | 53.430 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 252256 | 54.596 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 309120 | 54.013 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 269139 | 54.408 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 137722 | 52.079 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.018 | 146 | 139405 | 50.886 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 235632 | 52.334 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 49234 | 50.400 | ug/l | | 92 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 129743 | 52.256 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 15838 | 51.071 | ug/l | | 96 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 85647 | 51.009 | ug/l | | 97 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 34001 | 54.034 | ug/l | | 99 |
| 95) Naphthalene | 13.756 | 128 | 226945 | 51.017 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.938 | 180 | 78971 | 51.255 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

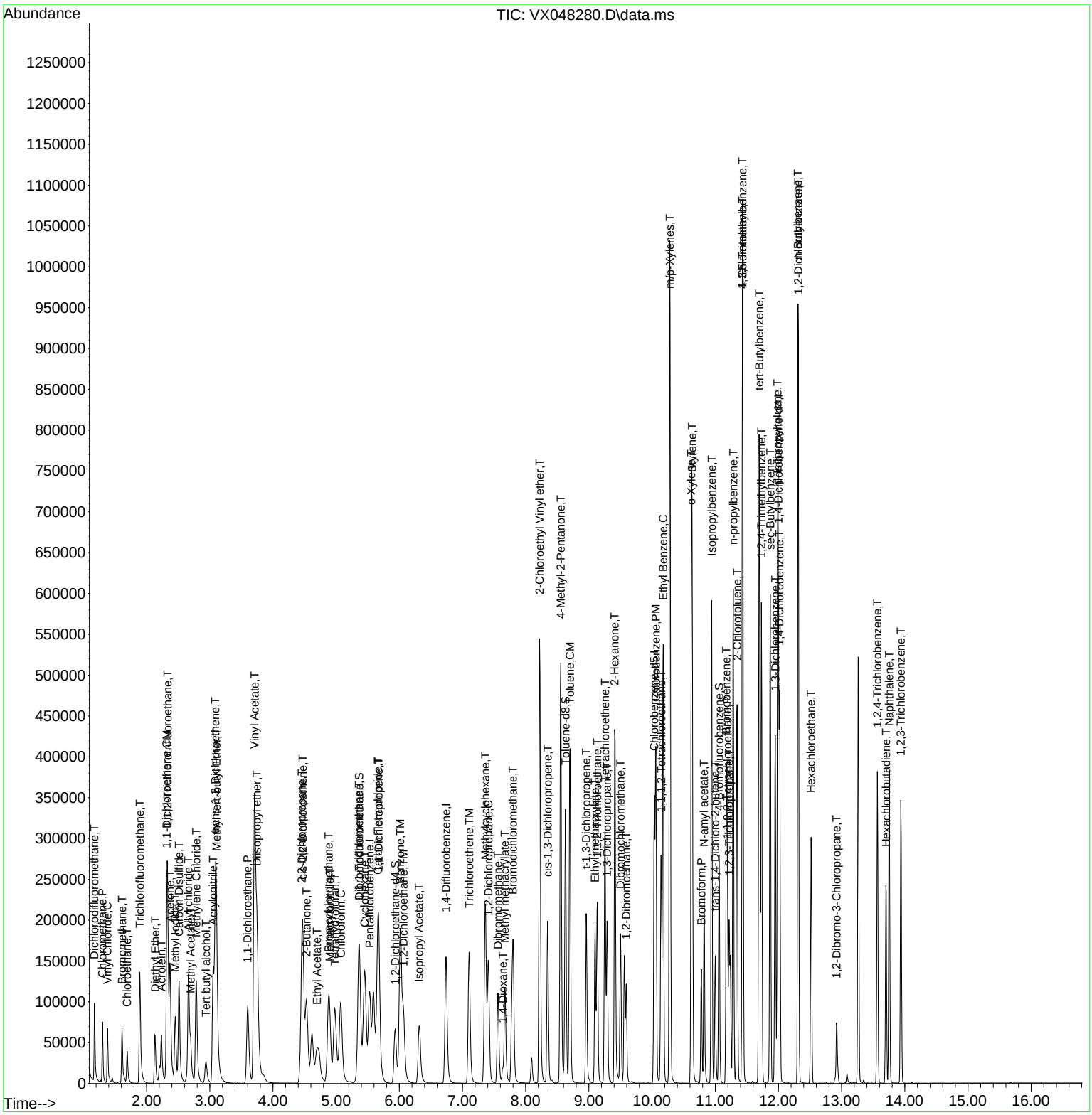
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

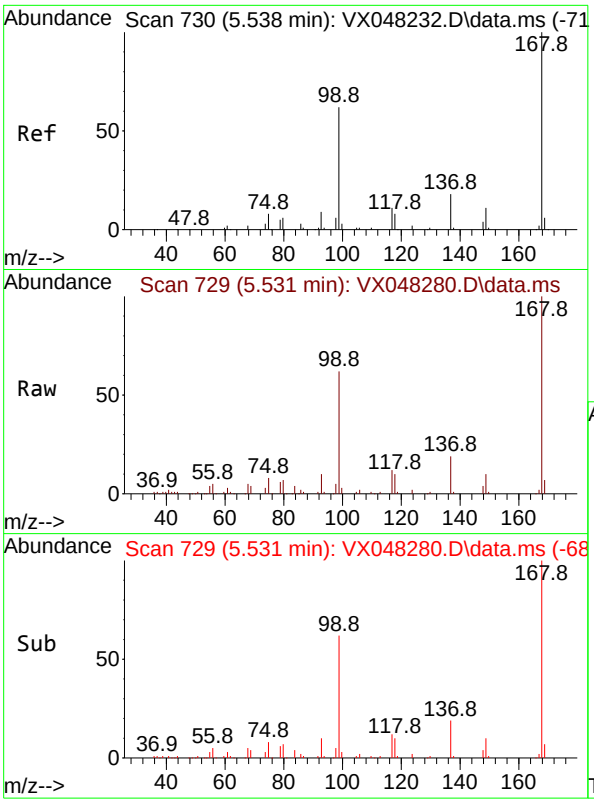
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048280.D
Acq On : 22 Oct 2025 08:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Quant Time: Oct 24 05:49:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



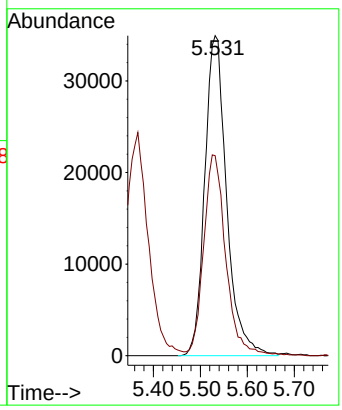


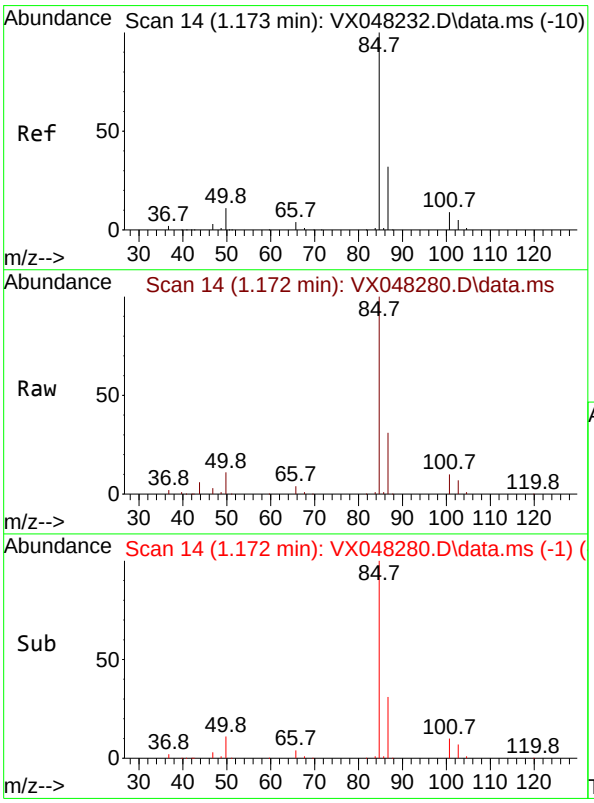

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:168 Resp: 112883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 62.0 | 46.4 | 69.6 |

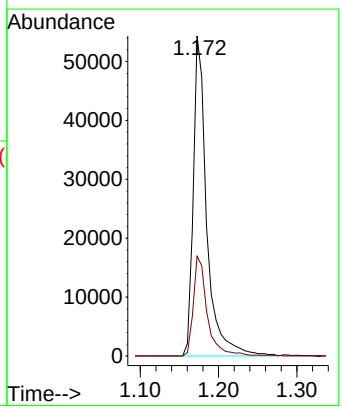


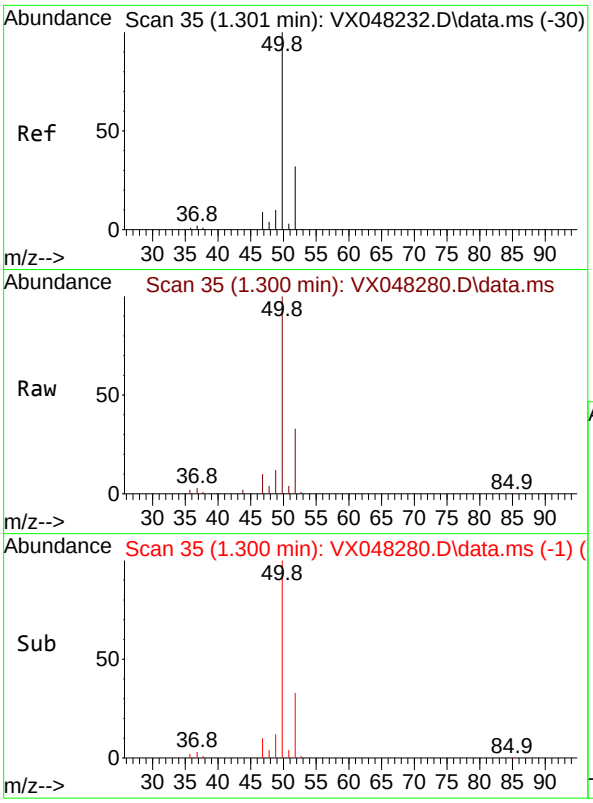




#2
Dichlorodifluoromethane
Concen: 56.241 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 85 Resp: 65265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.2 | 15.3 | 45.9 |



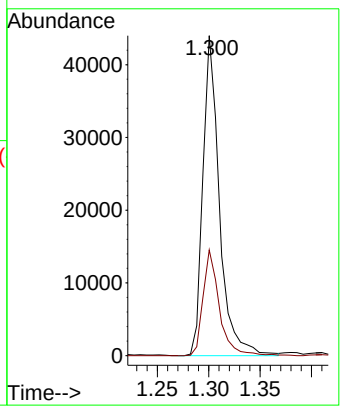


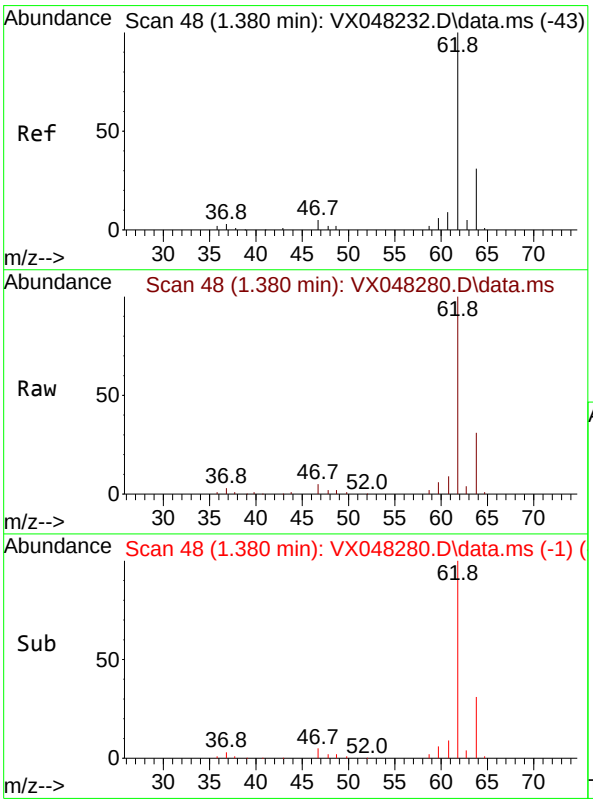

#3
Chloromethane
Concen: 45.630 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 50 Resp: 49425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.0 | 25.9 | 38.9 |

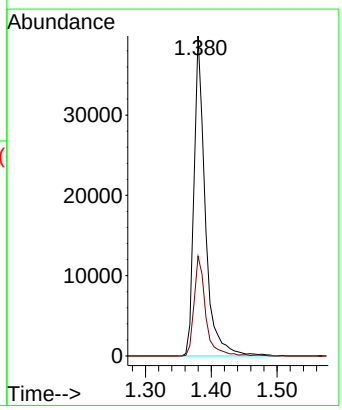


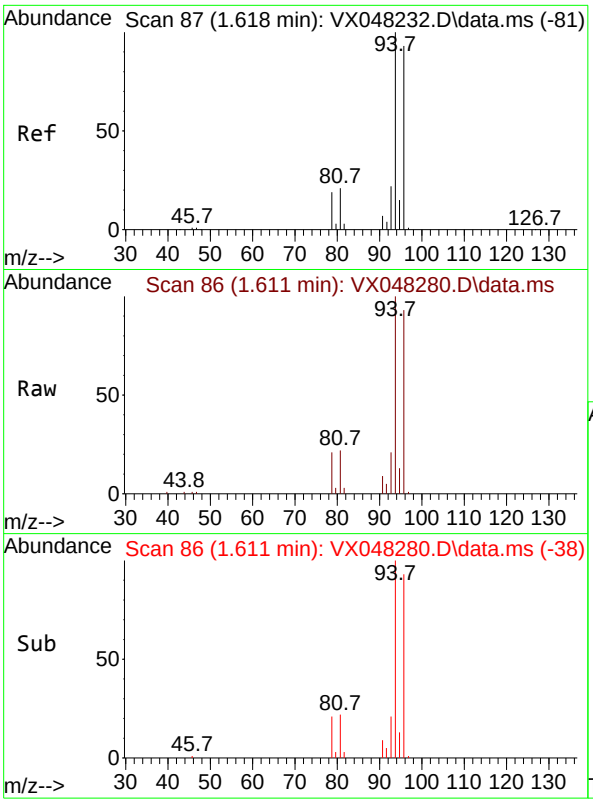




#4
Vinyl Chloride
Concen: 47.239 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 62 Resp: 47382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.2 | 25.1 | 37.7 |



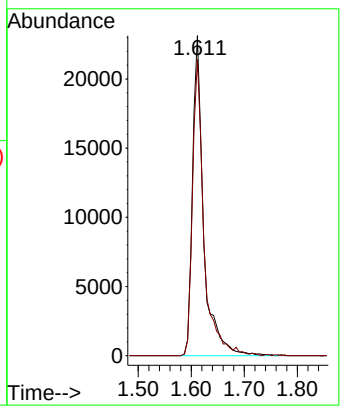


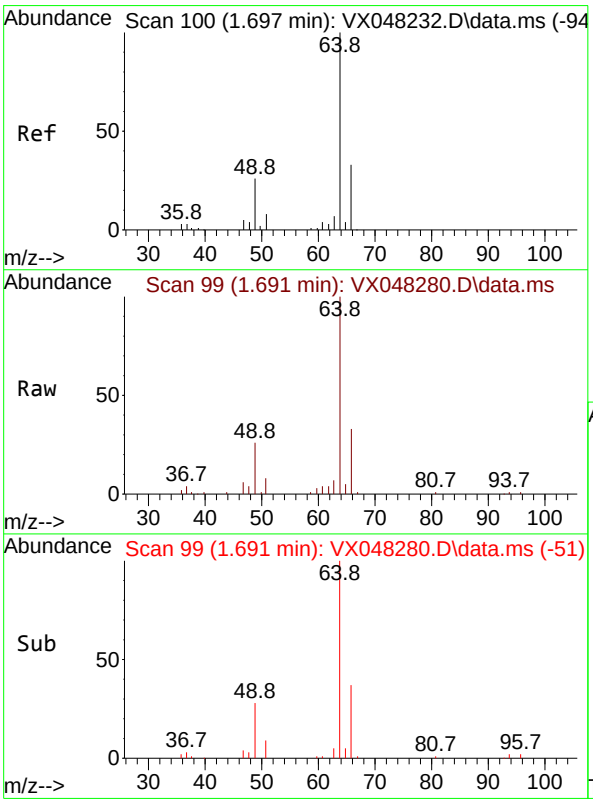

#5
Bromomethane
Concen: 49.271 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 94 Resp: 33539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.5 | 76.0 | 114.0 |

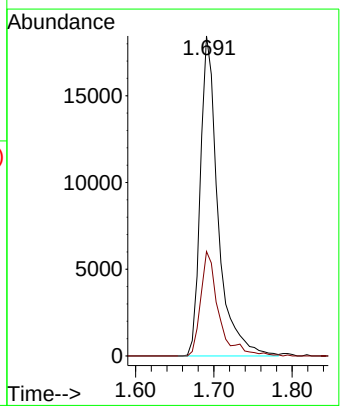


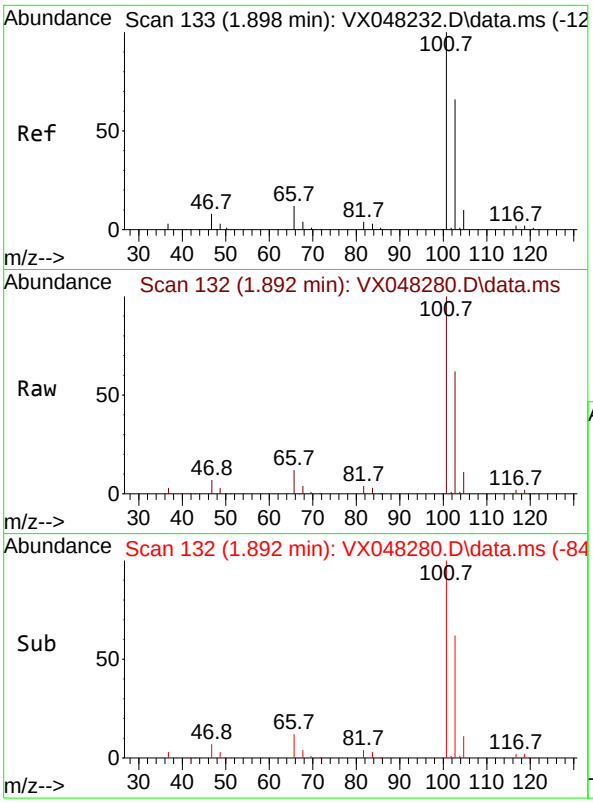




#6
Chloroethane
Concen: 49.038 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 64 Resp: 28903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.7 | 23.9 | 35.9 |



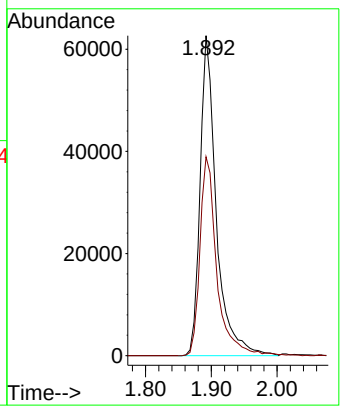


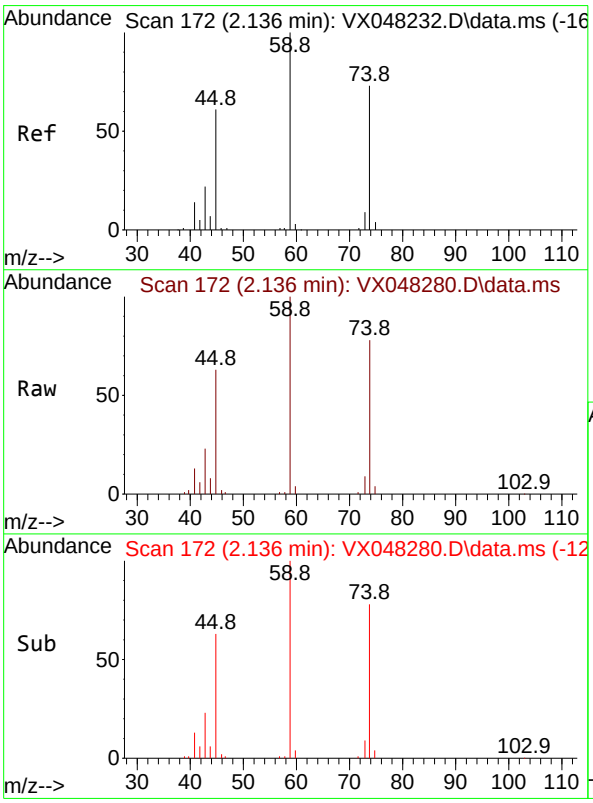

#7
Trichlorofluoromethane
Concen: 55.808 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 107357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.2 | 51.6 | 77.4 |

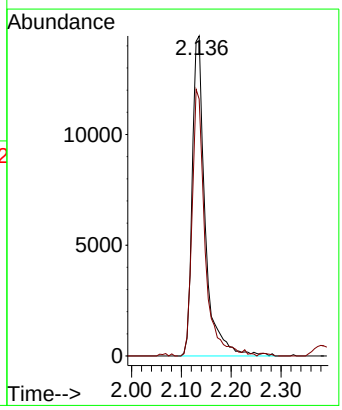


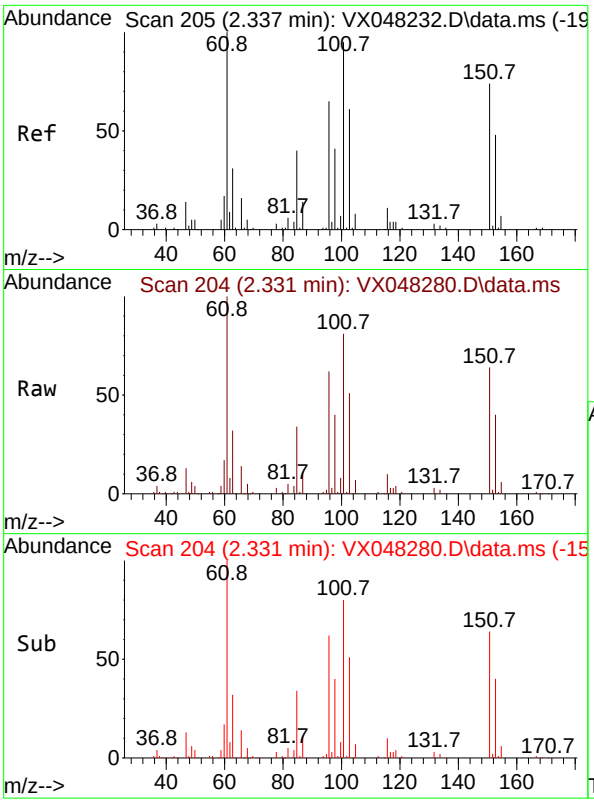




#8
Diethyl Ether
Concen: 48.077 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 74 Resp: 26023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 83.1 | 50.0 | 149.8 |



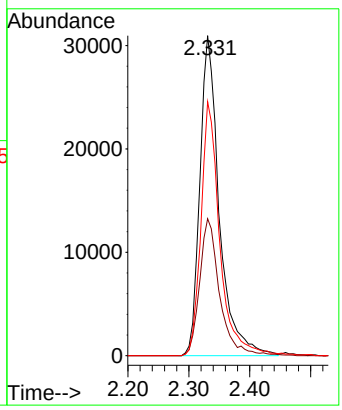


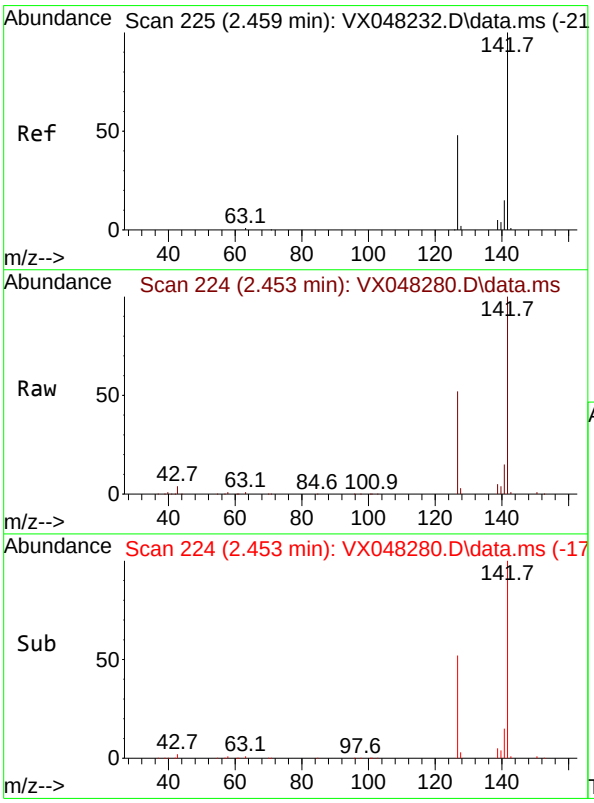

#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.225 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 68490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.2 | 35.6 | 53.4 |
| 151 | 77.3 | 58.0 | 87.0 |

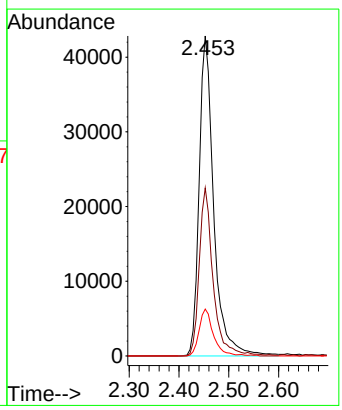


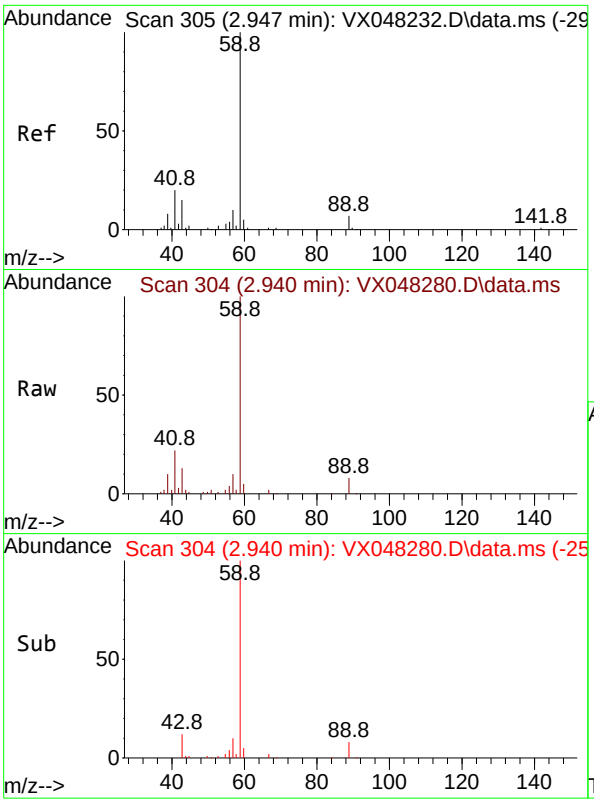




#10
Methyl Iodide
Concen: 56.868 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:142 Resp: 87087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 49.9 | 38.5 | 57.7 |
| 141 | 14.4 | 11.6 | 17.4 |



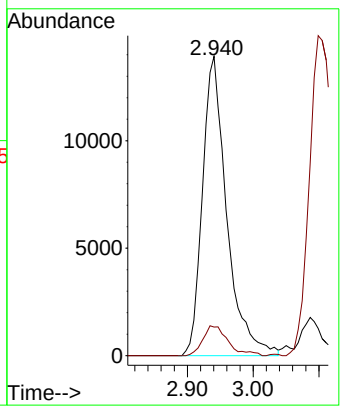


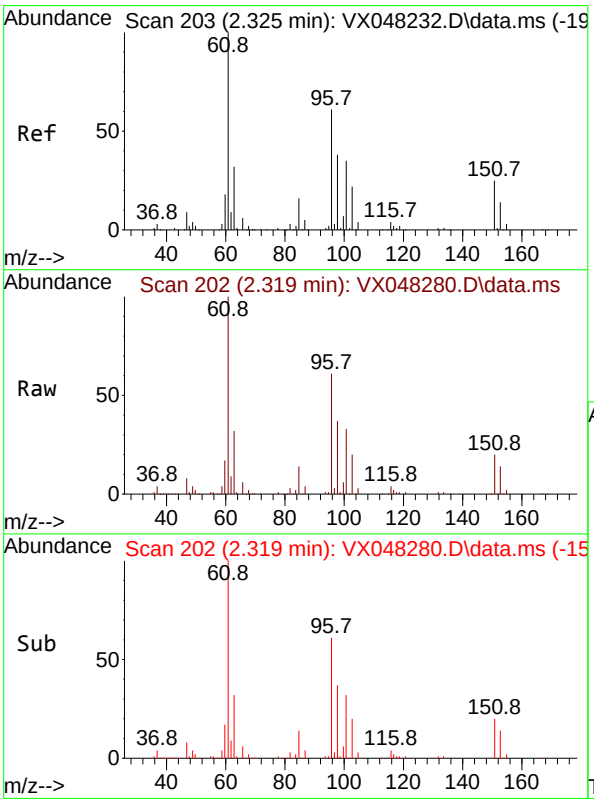

#11
Tert butyl alcohol
Concen: 227.724 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 59 Resp: 35785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 8.2 | 12.4 |

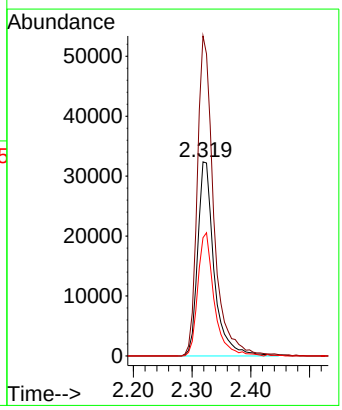


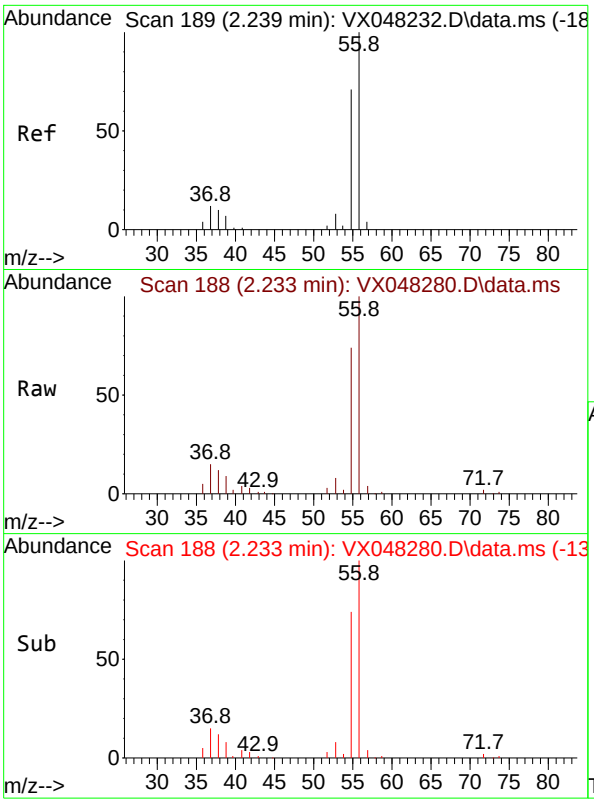




#12
1,1-Dichloroethene
Concen: 52.943 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 96 Resp: 62744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.9 | 139.0 | 208.6 |
| 98 | 63.0 | 52.4 | 78.6 |



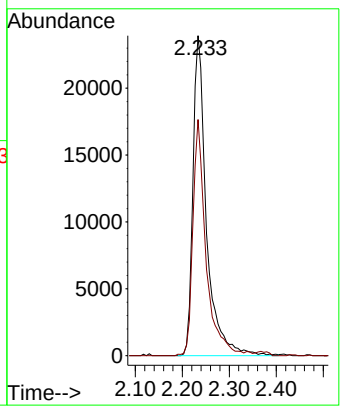


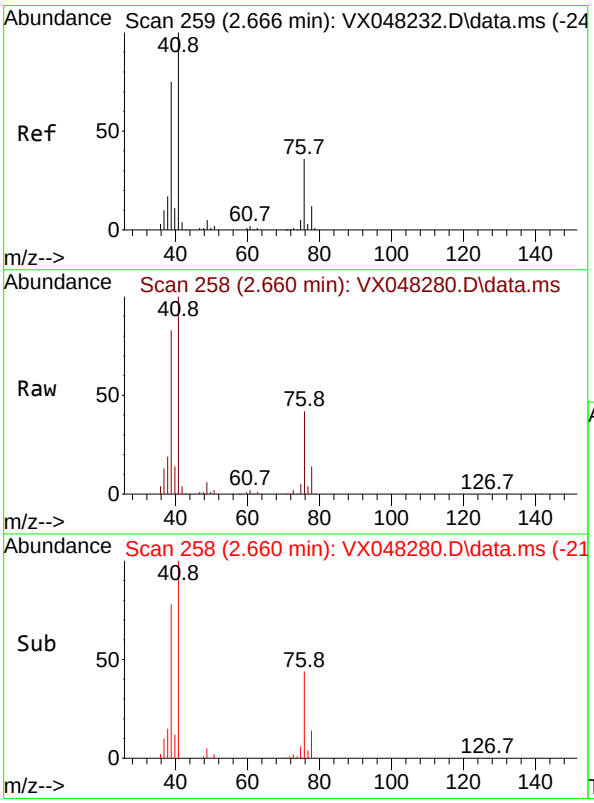

#13
Acrolein
Concen: 300.005 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 48081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.2 | 56.1 | 84.1 |

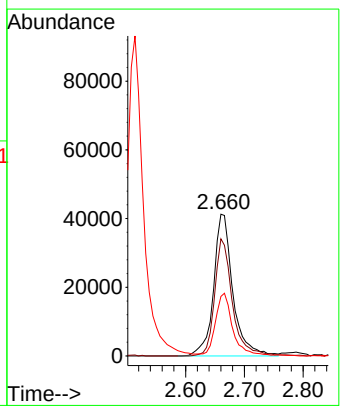


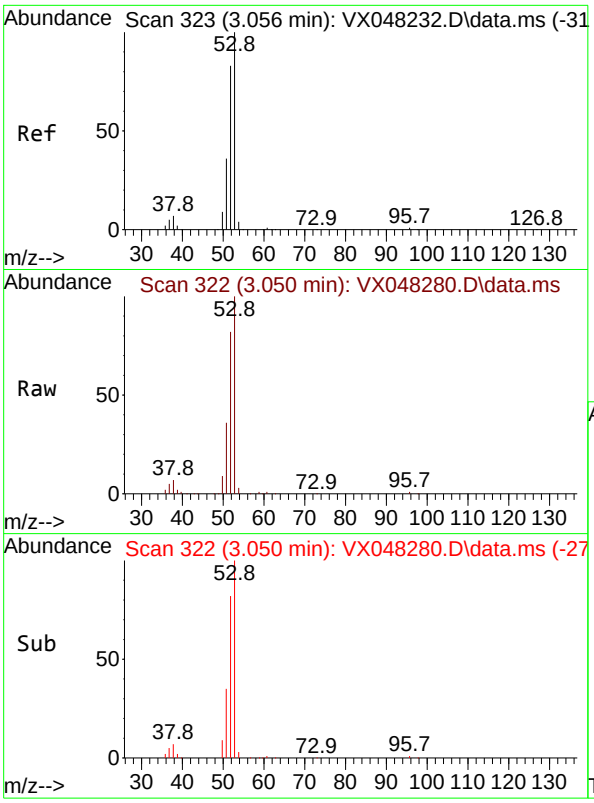




#14
Allyl chloride
Concen: 47.813 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 41 Resp: 94077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 76.3 | 56.0 | 84.0 |
| 76 | 40.4 | 27.5 | 41.3 |



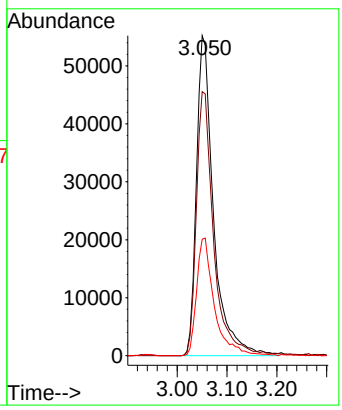


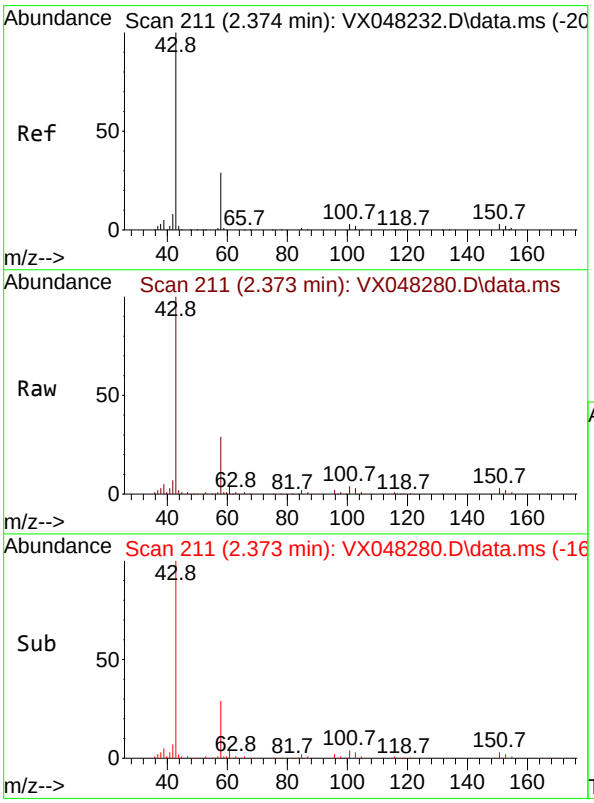

#15
Acrylonitrile
Concen: 232.450 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 53 Resp: 131715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.7 | 66.1 | 99.1 |
| 51 | 38.2 | 29.0 | 43.4 |

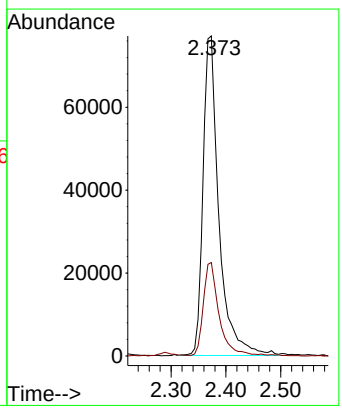


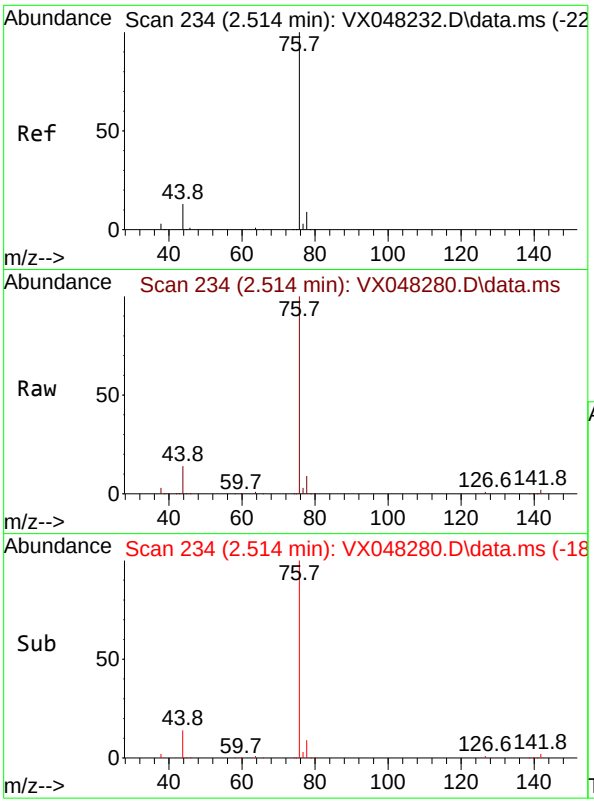




#16
Acetone
Concen: 284.337 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 154383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.0 | 23.4 | 35.2 |



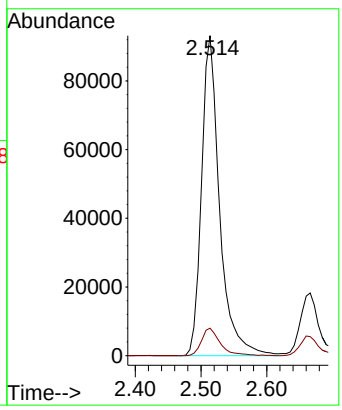


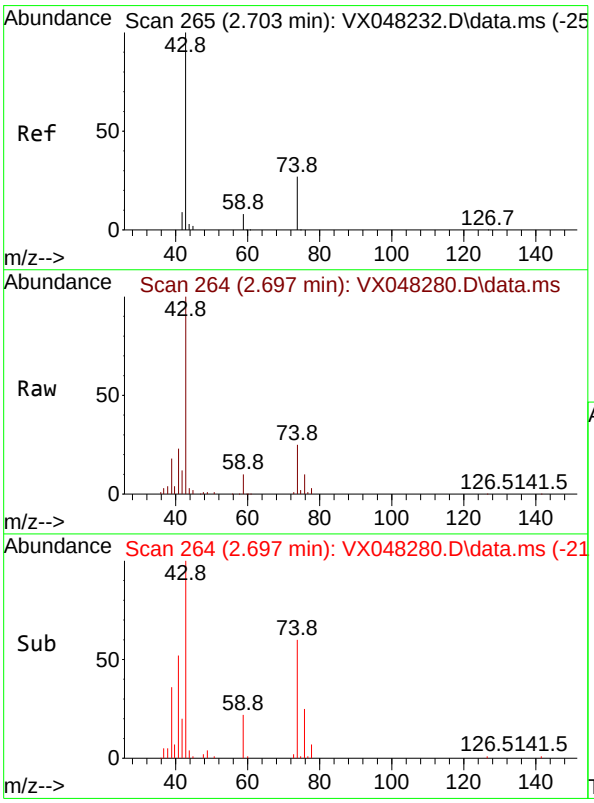

#17
Carbon Disulfide
Concen: 47.654 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 177992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.6 | 7.1 | 10.7 |

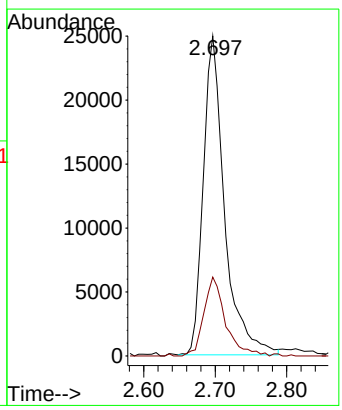


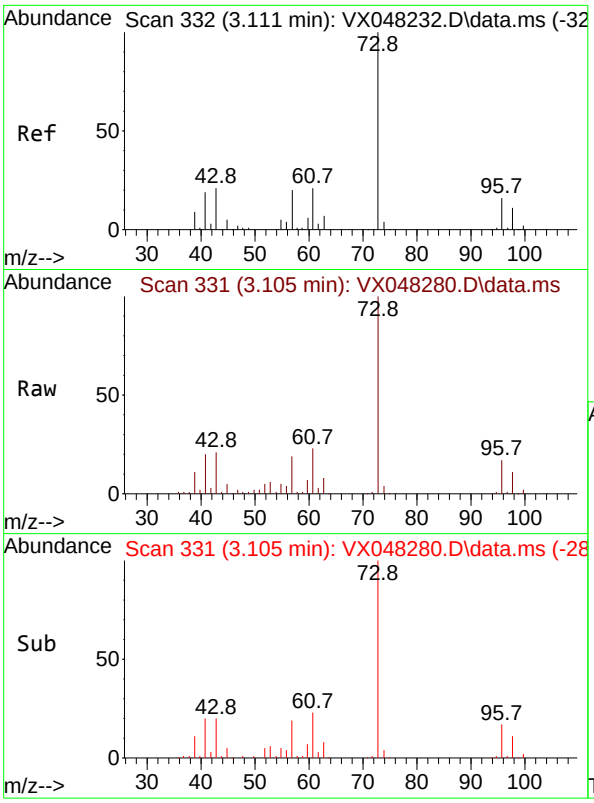




#18
Methyl Acetate
Concen: 45.566 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 51668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.0 | 17.5 | 26.3 |



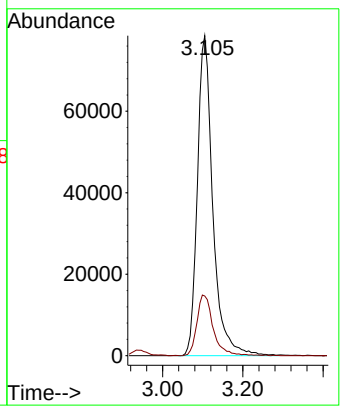


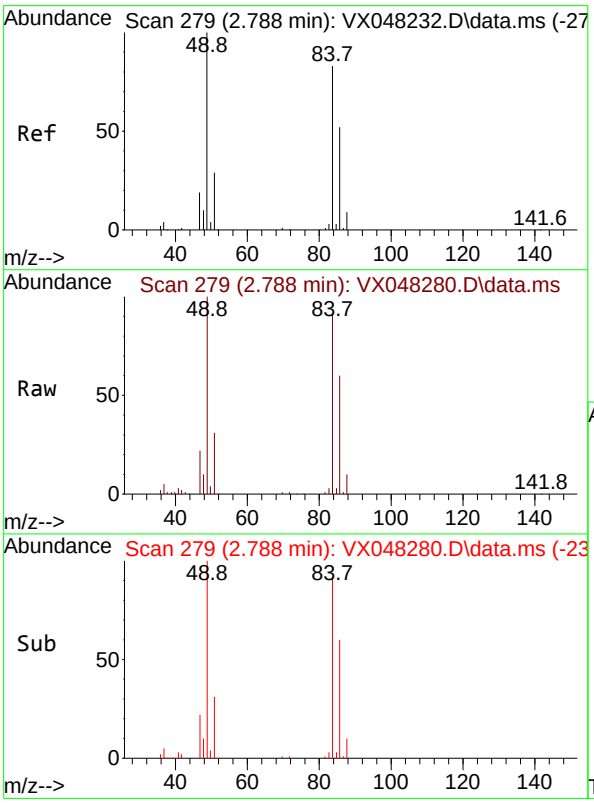

#19
Methyl tert-butyl Ether
Concen: 51.835 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 73 Resp: 209570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 18.6 | 17.7 | 26.5 |

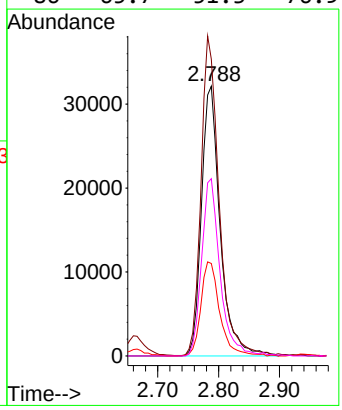


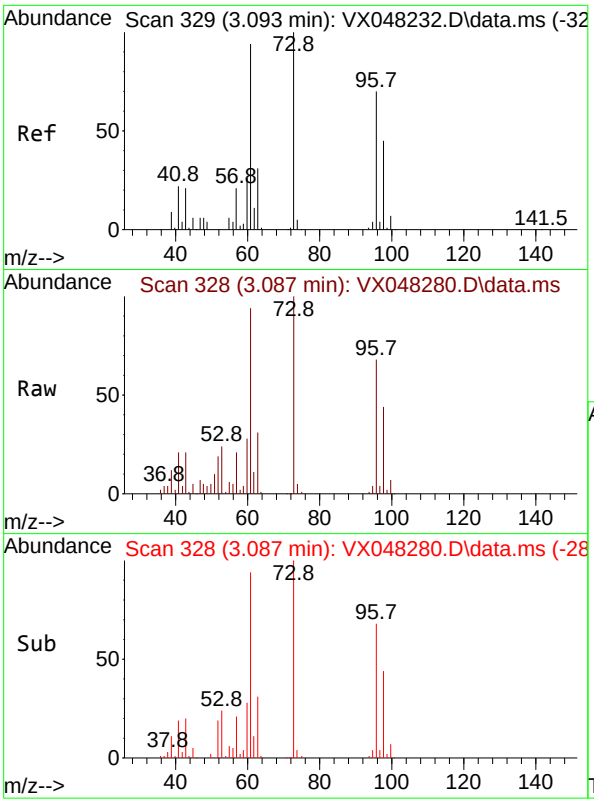




#20
Methylene Chloride
Concen: 51.912 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 84 Resp: 68678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 109.8 | 104.1 | 156.1 |
| 51 | 34.3 | 31.3 | 46.9 |
| 86 | 65.7 | 51.3 | 76.9 |



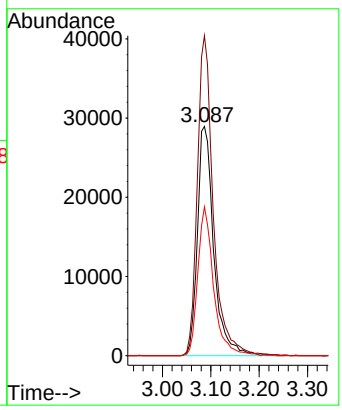


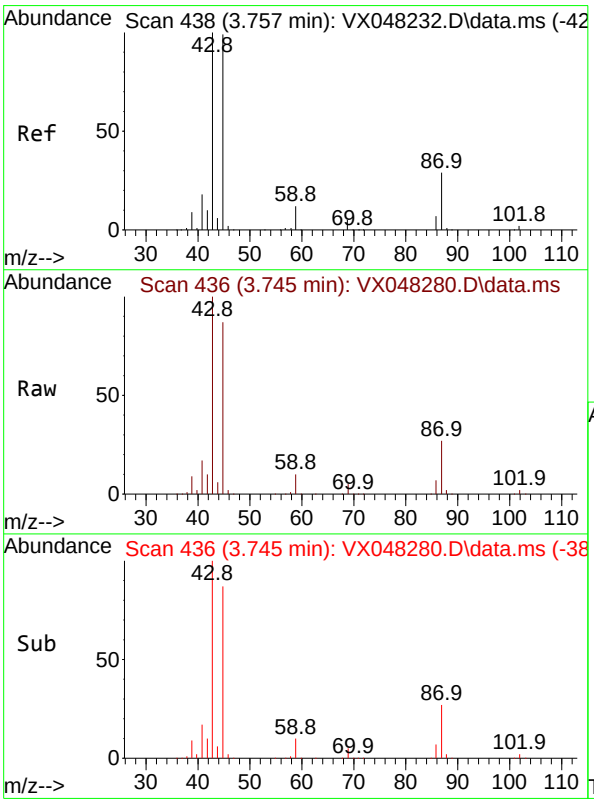

#21
trans-1,2-Dichloroethene
Concen: 52.315 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 68104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.6 | 111.9 | 167.9 |
| 98 | 64.9 | 51.2 | 76.8 |

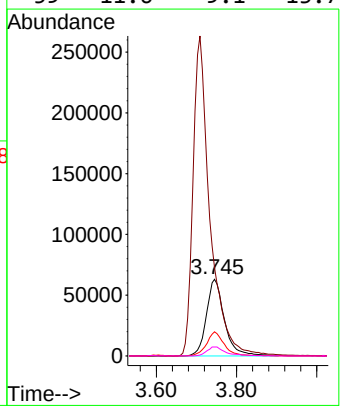


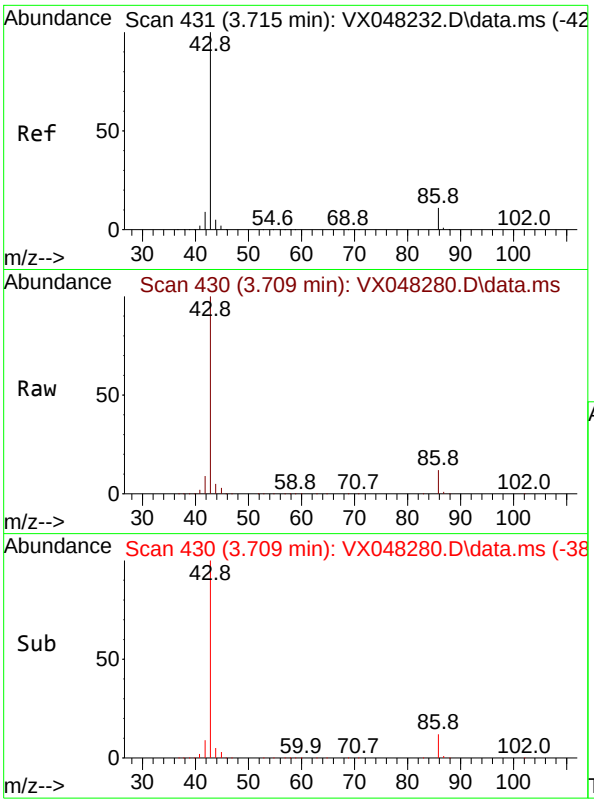




#22
Diisopropyl ether
Concen: 50.085 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 45 Resp: 196556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 115.1 | 89.8 | 134.8 |
| 87 | 31.6 | 20.6 | 31.0# |
| 59 | 11.6 | 9.1 | 13.7 |



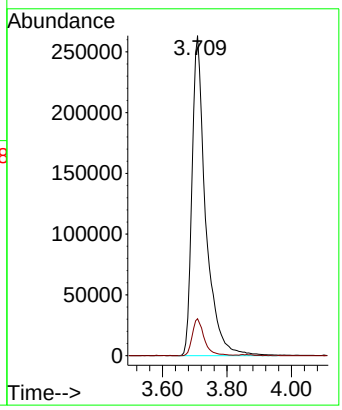


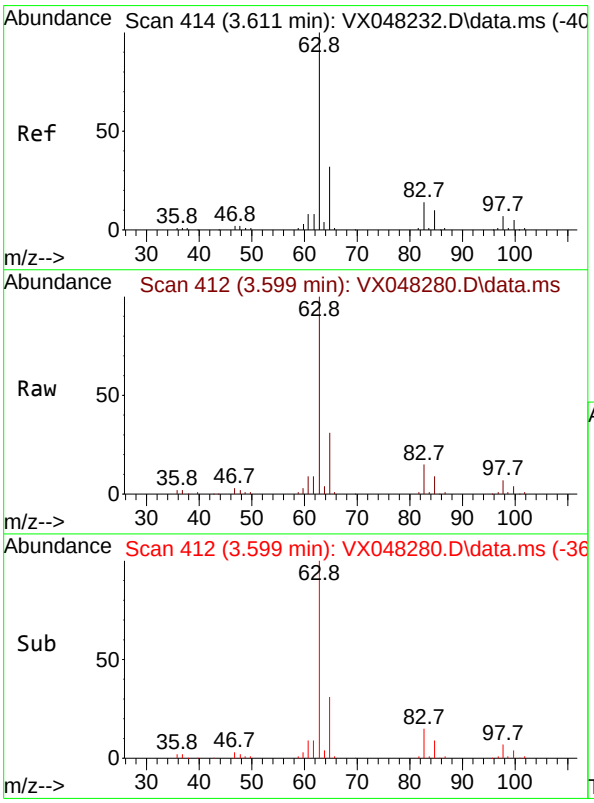

#23
Vinyl Acetate
Concen: 247.880 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 777072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.6 | 7.9 | 11.9 |

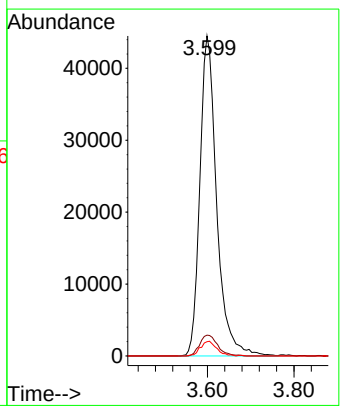


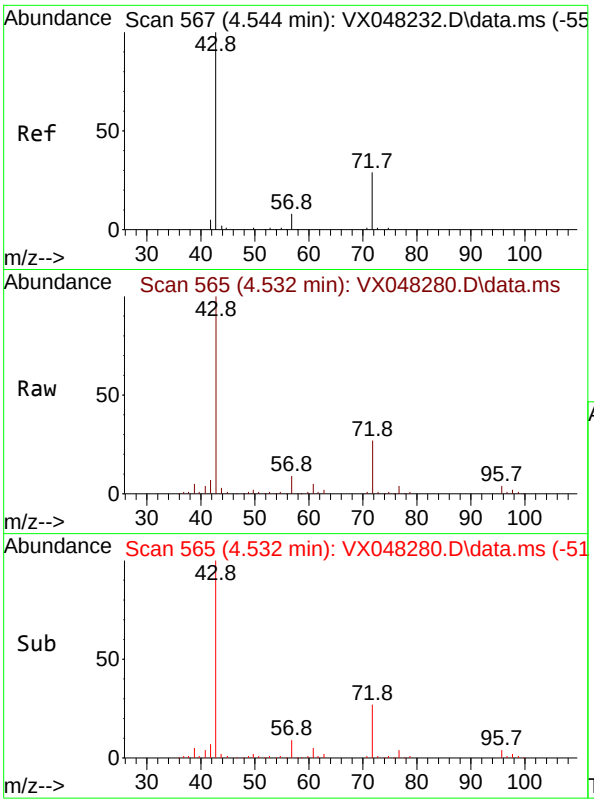




#24
1,1-Dichloroethane
Concen: 50.586 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 63 Resp: 120039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 3.5 | 10.6 |
| 100 | 4.5 | 2.1 | 6.3 |



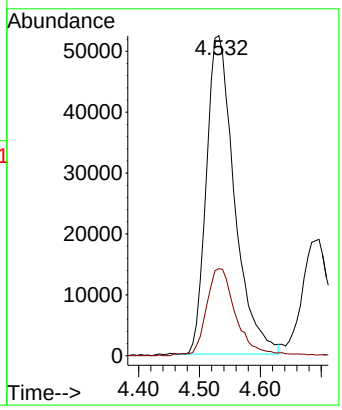


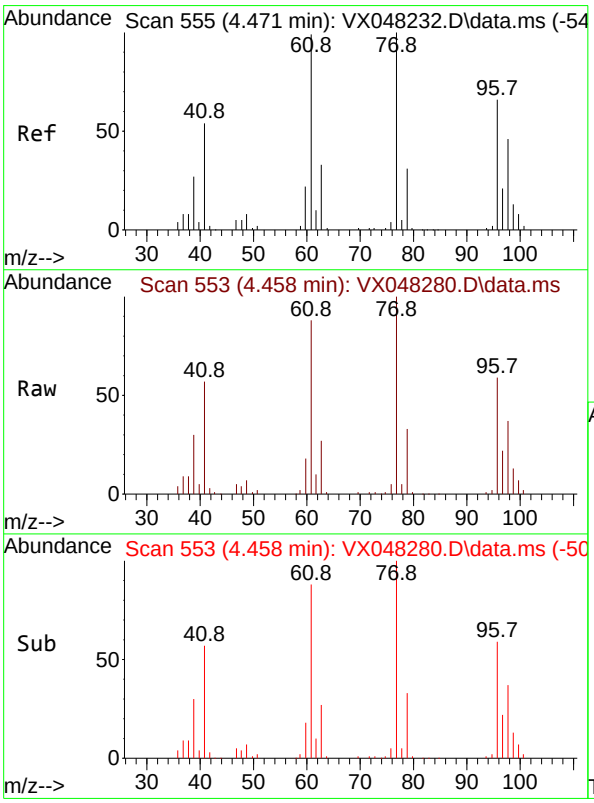

#25
2-Butanone
Concen: 244.037 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 167713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.5 | 19.9 | 29.9 |

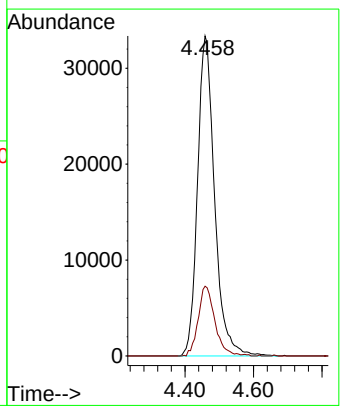


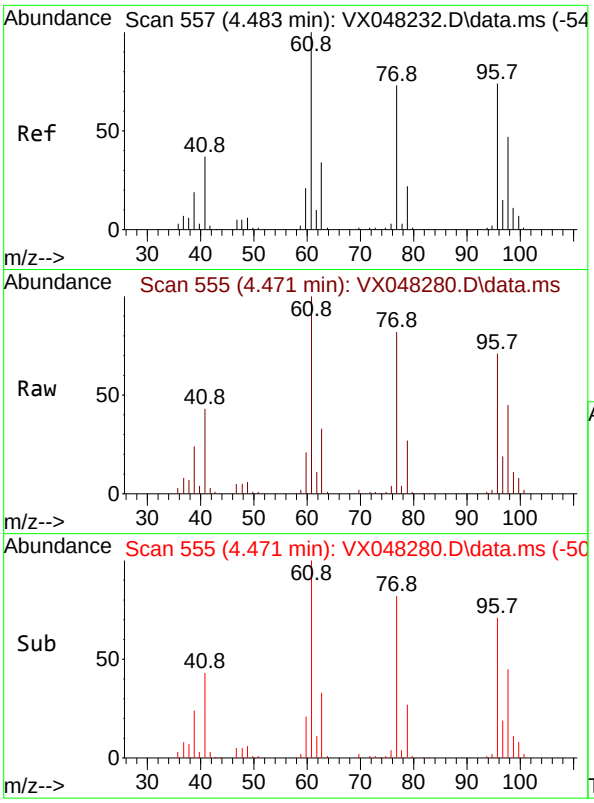




#26
2,2-Dichloropropane
Concen: 53.950 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 77 Resp: 115554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.4 | 11.1 | 33.3 |



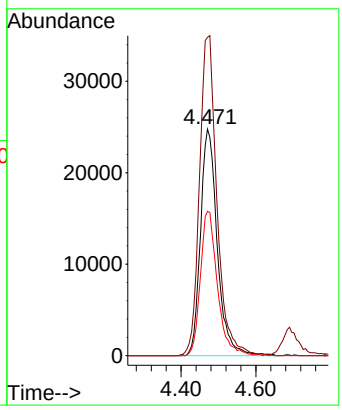


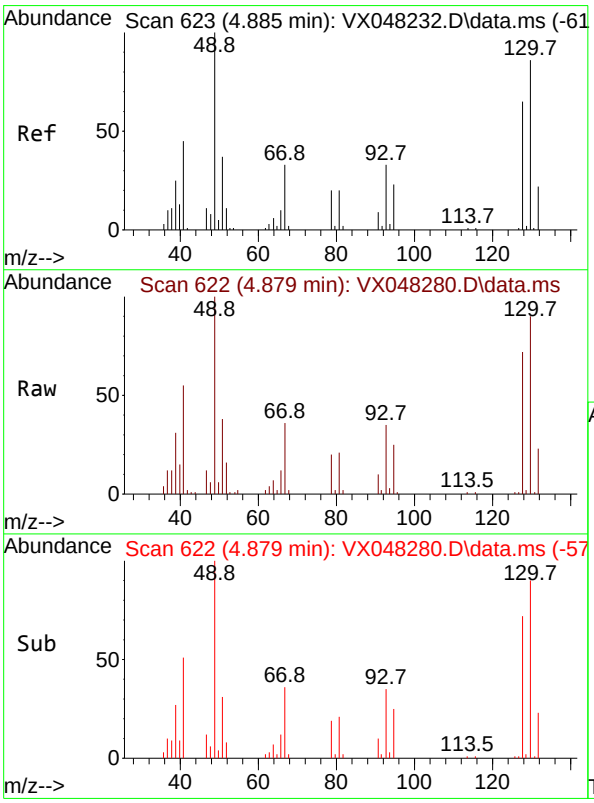

#27
cis-1,2-Dichloroethene
Concen: 50.857 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 77266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 147.0 | 0.0 | 294.2 |
| 98 | 64.5 | 0.0 | 128.4 |

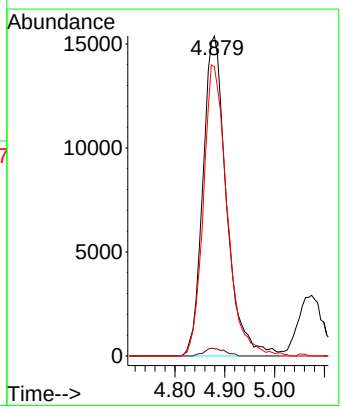


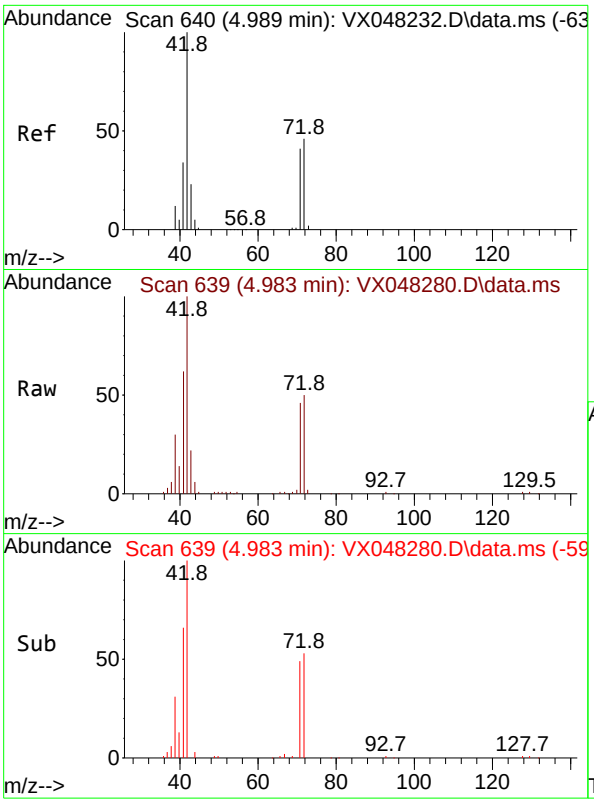




#28
Bromochloromethane
Concen: 51.316 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 49 Resp: 50491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 4.4 |
| 130 | 91.7 | 59.3 | 88.9# |



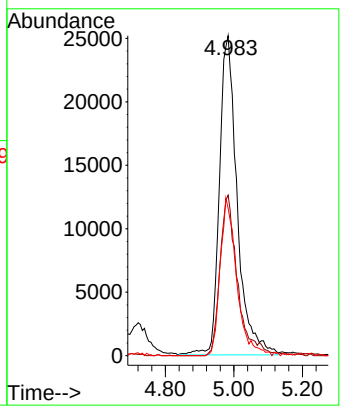


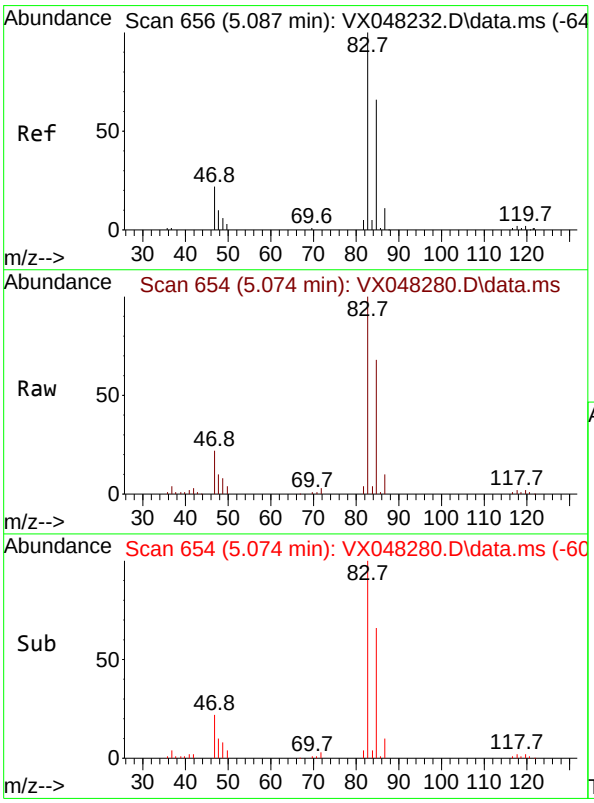

#29
Tetrahydrofuran
Concen: 218.666 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 42 Resp: 90001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 50.1 | 35.3 | 52.9 |
| 71 | 45.9 | 32.2 | 48.4 |

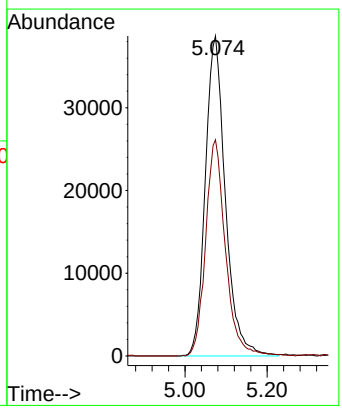


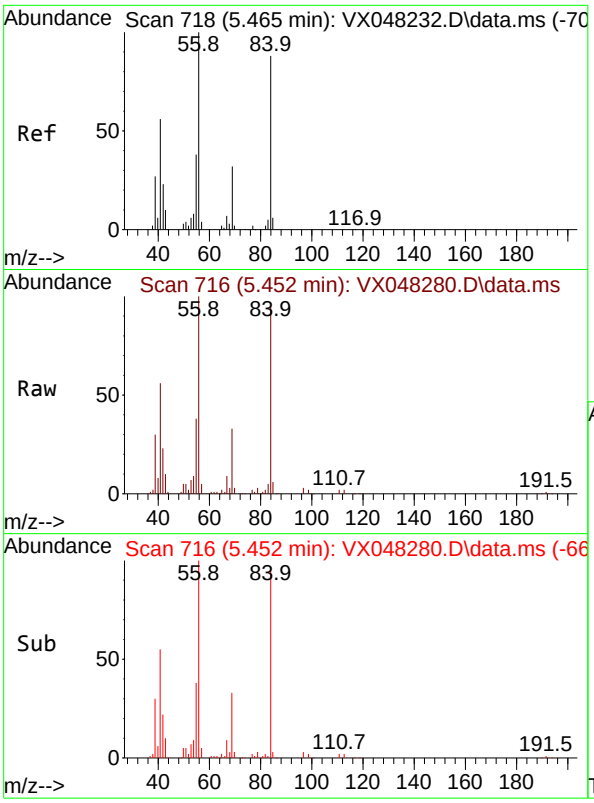




#30
Chloroform
Concen: 51.559 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 83 Resp: 130715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.6 | 50.1 | 75.1 |



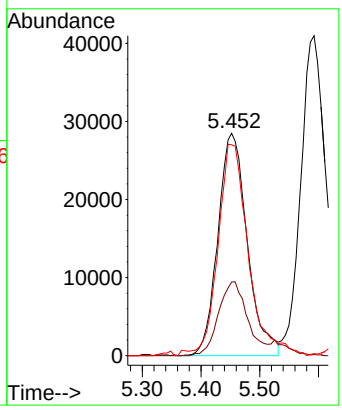


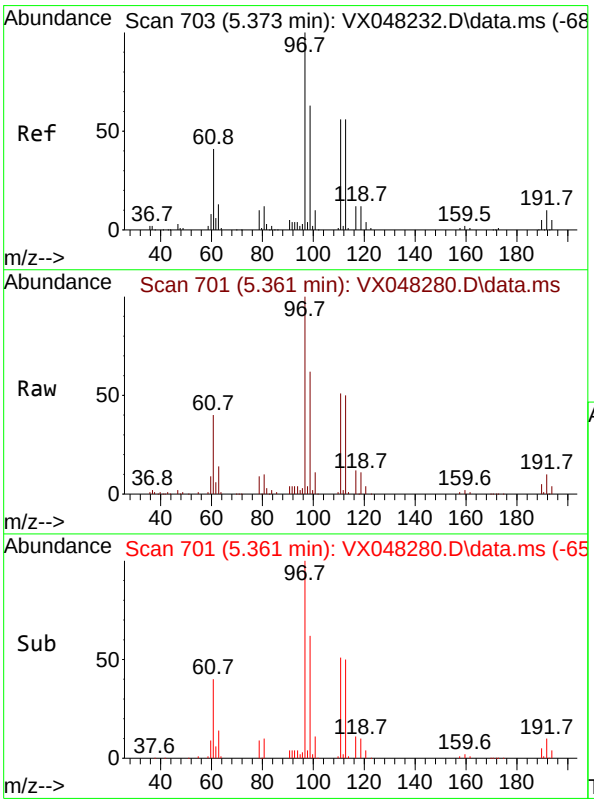

#31
Cyclohexane
Concen: 50.349 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 98916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.7 | 23.0 | 34.6 |
| 84 | 94.9 | 64.6 | 97.0 |

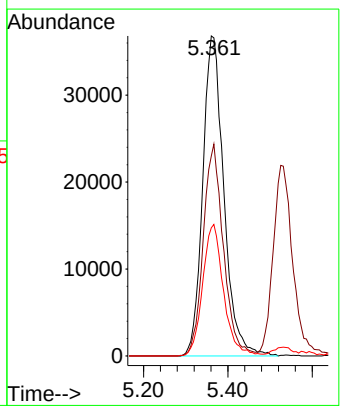


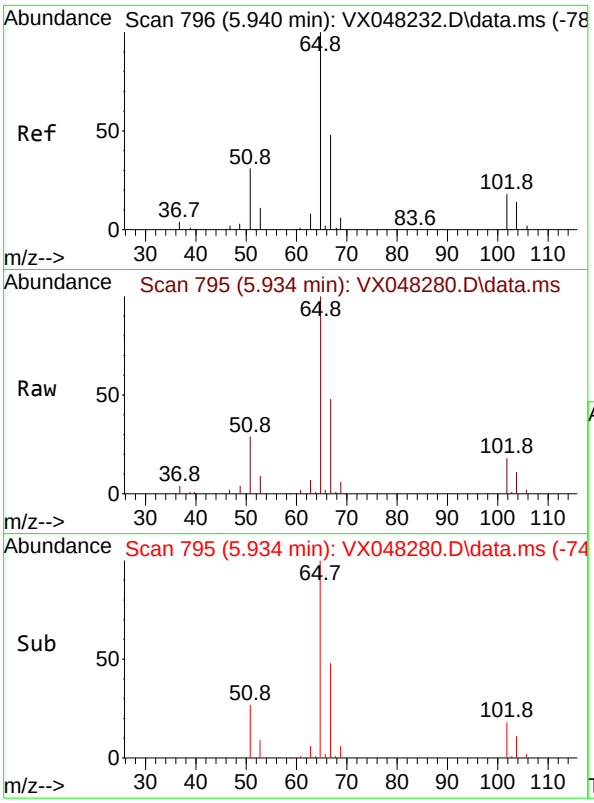




#32
1,1,1-Trichloroethane
Concen: 54.907 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 97 Resp: 128292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.2 | 51.7 | 77.5 |
| 61 | 40.7 | 34.8 | 52.2 |



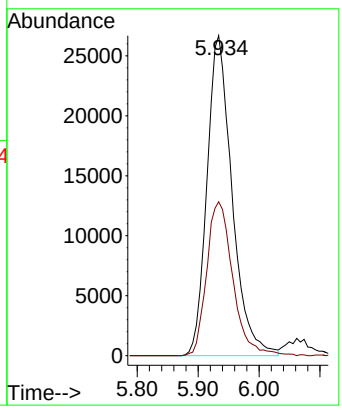


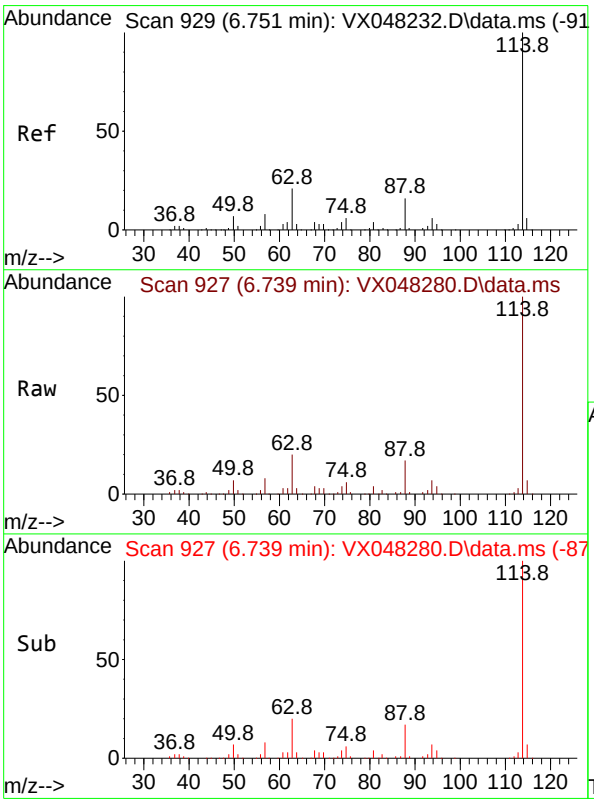

#33
1,2-Dichloroethane-d4
Concen: 48.250 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 65 Resp: 76366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.0 | 0.0 | 105.0 |

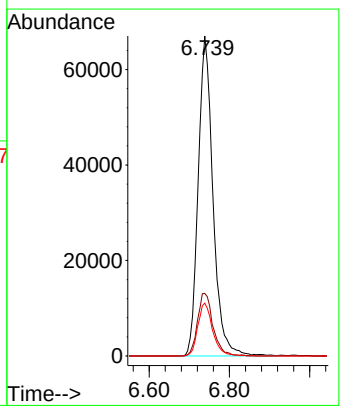


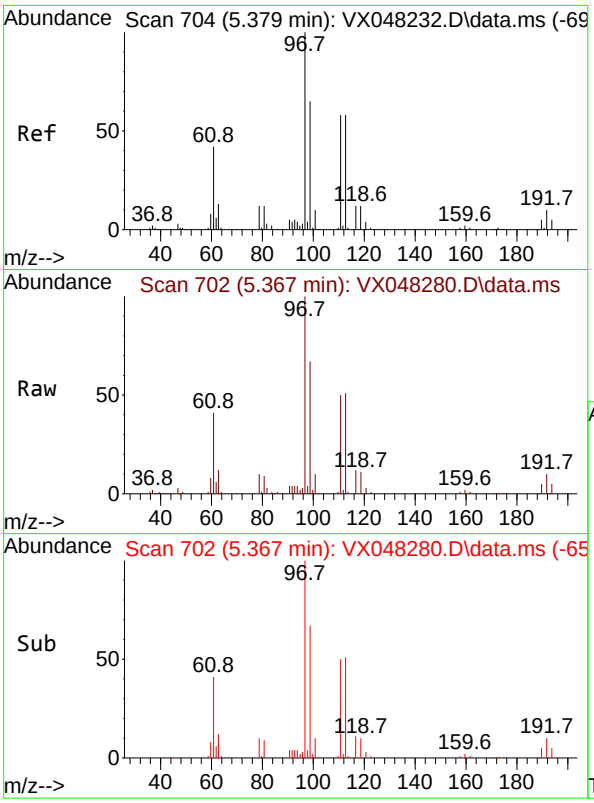




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:114 Resp: 171616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.5 | 0.0 | 43.2 |
| 88 | 16.5 | 0.0 | 33.6 |



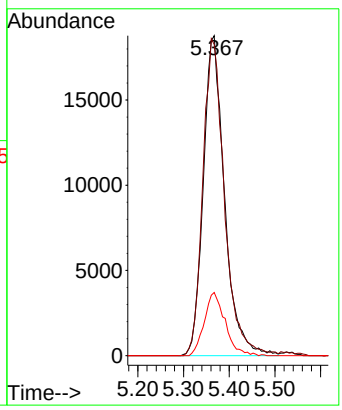


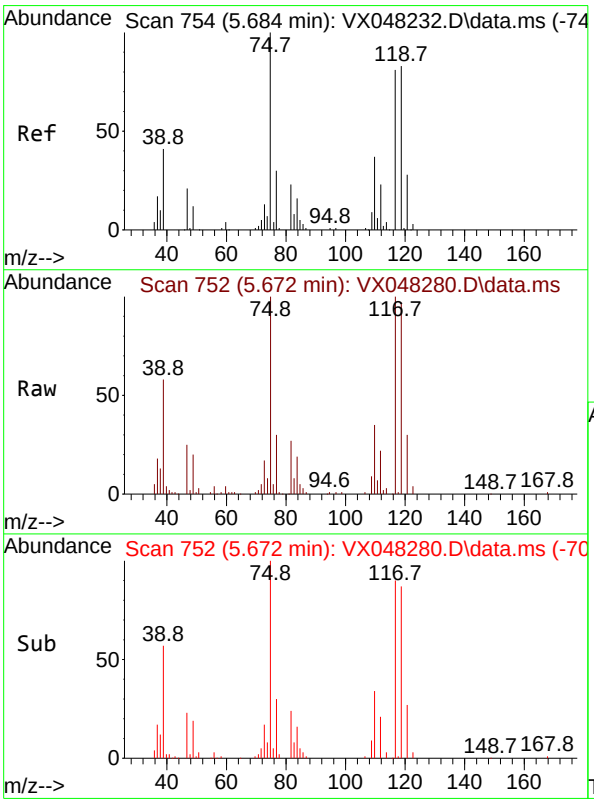

#35
Dibromofluoromethane
Concen: 51.667 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:113 Resp: 60534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.7 | 82.2 | 123.4 |
| 192 | 19.4 | 15.1 | 22.7 |

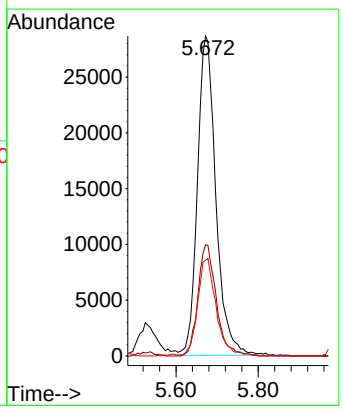


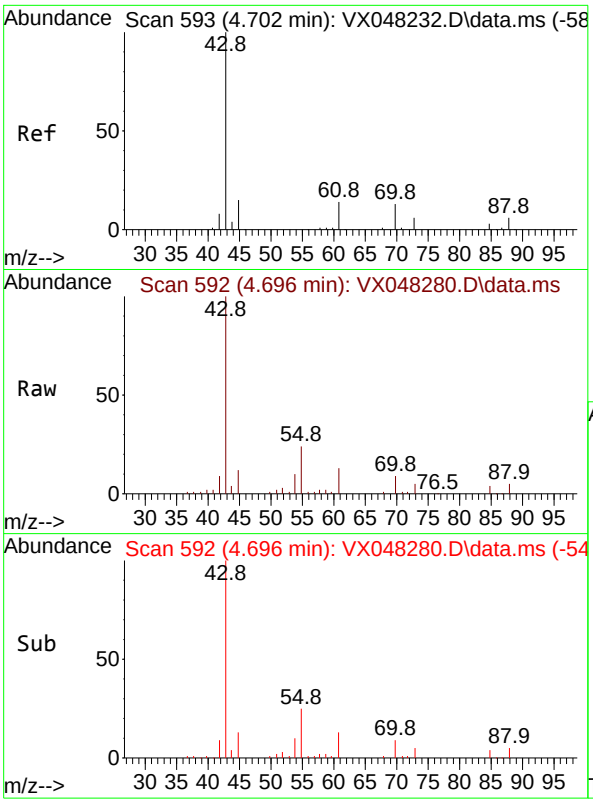




#36
1,1-Dichloropropene
Concen: 53.632 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 89311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.6 | 17.7 | 53.1 |
| 77 | 30.8 | 24.3 | 36.5 |



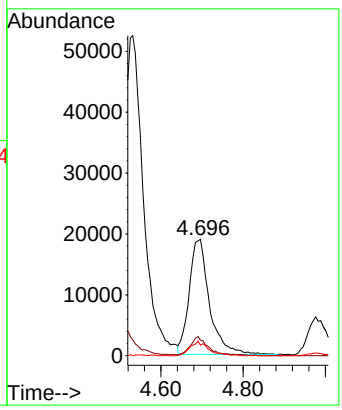


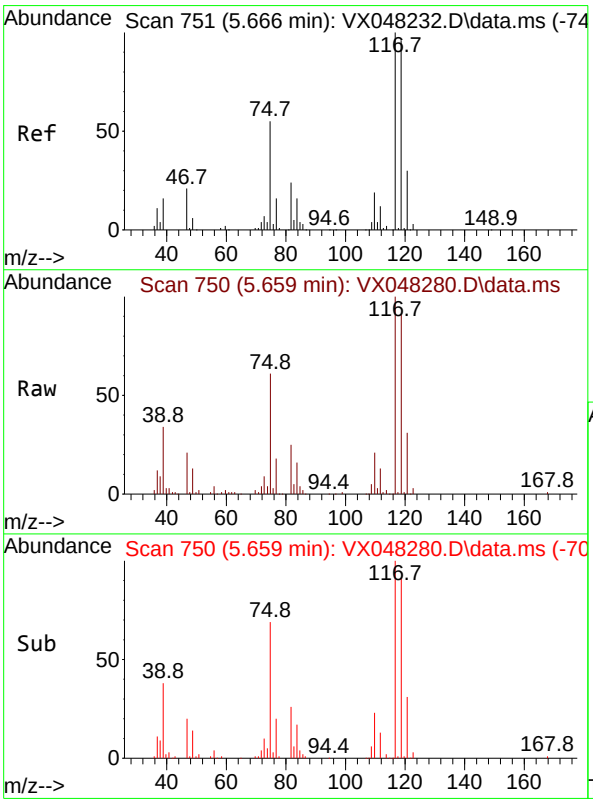

#37
Ethyl Acetate
Concen: 46.733 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 64504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.1 | 10.6 | 15.8 |
| 70 | 11.3 | 7.8 | 11.6 |

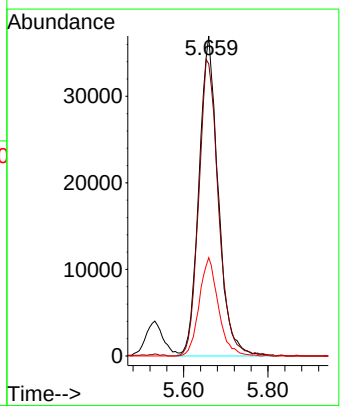


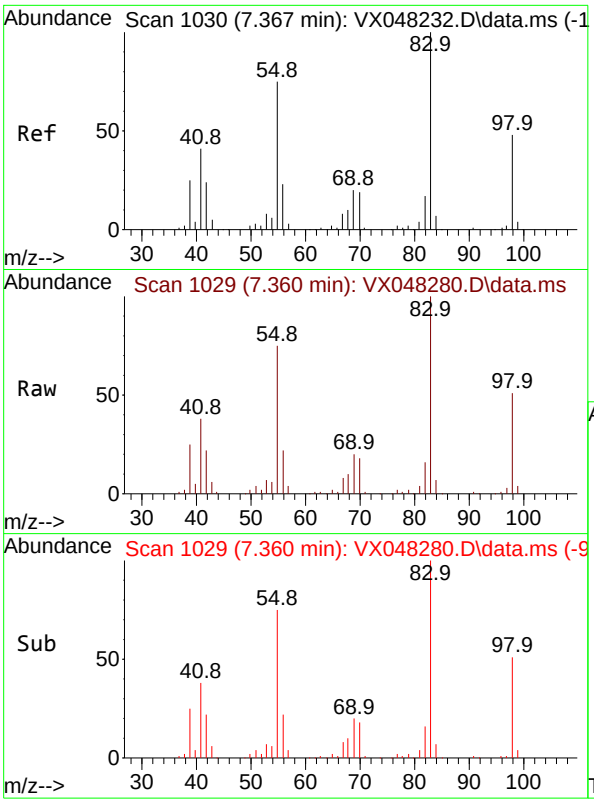




#38
Carbon Tetrachloride
Concen: 57.216 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:117 Resp: 117550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.2 | 77.2 | 115.8 |
| 121 | 30.7 | 24.8 | 37.2 |



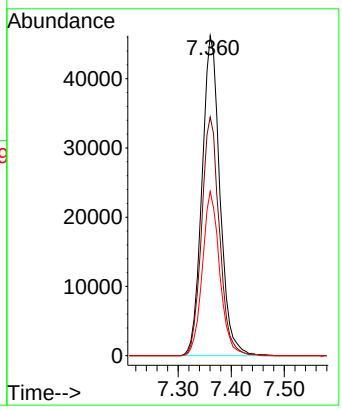


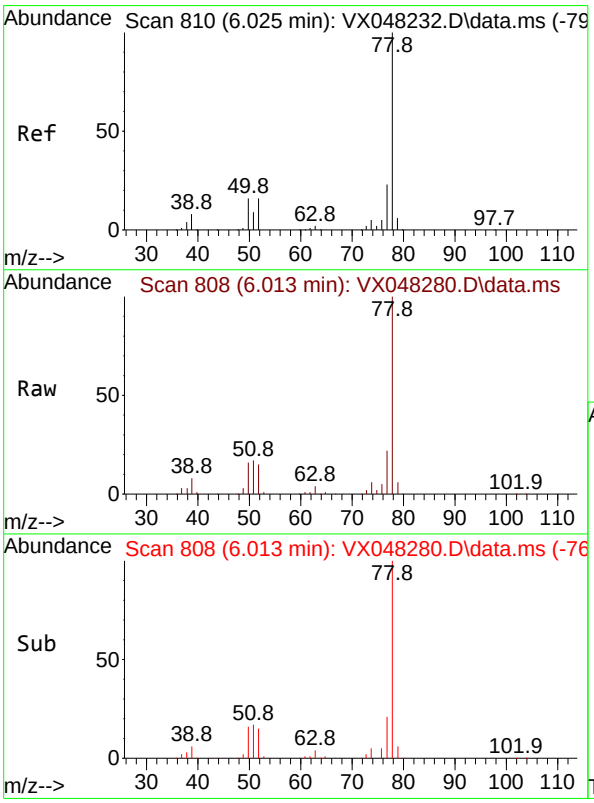

#39
Methylcyclohexane
Concen: 55.285 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 108726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.6 | 66.2 | 99.2 |
| 98 | 51.3 | 38.9 | 58.3 |

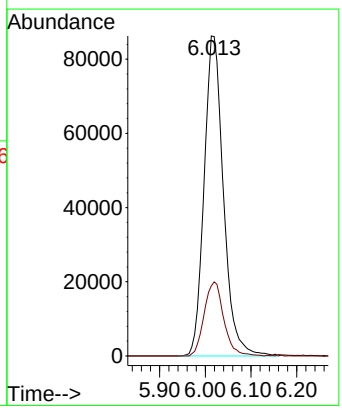


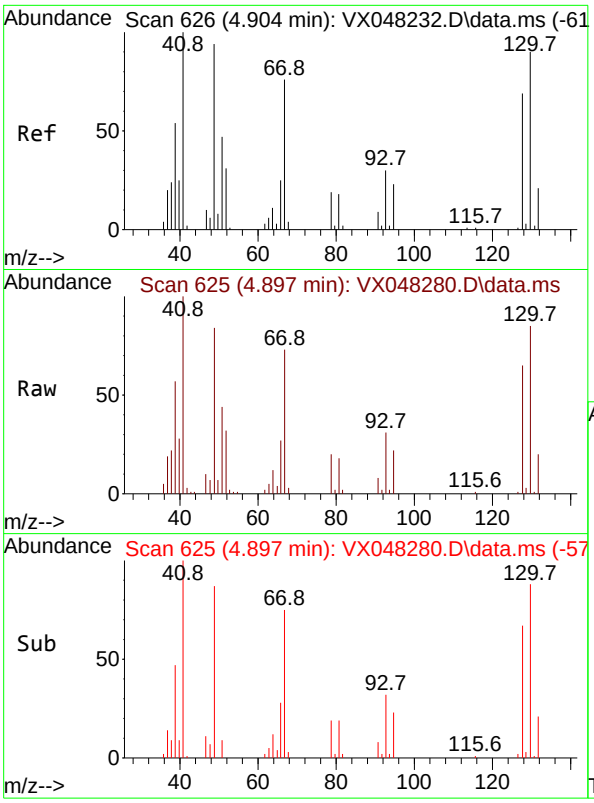




#40
Benzene
Concen: 52.383 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 78 Resp: 253259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.9 | 19.3 | 28.9 |



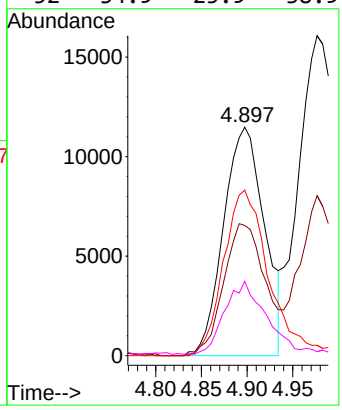


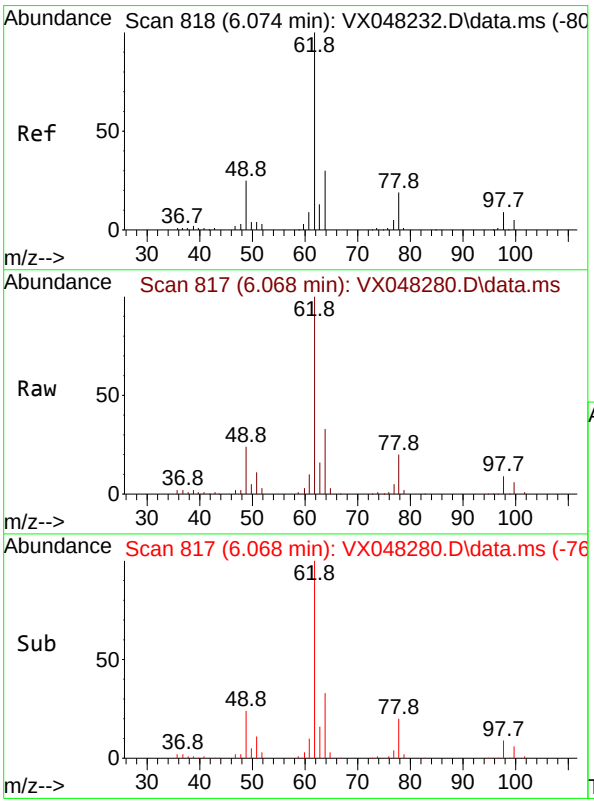

#41
Methacrylonitrile
Concen: 49.349 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 41 Resp: 35771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.8 | 44.0 | 66.0 |
| 67 | 81.6 | 58.7 | 88.1 |
| 52 | 34.9 | 25.9 | 38.9 |

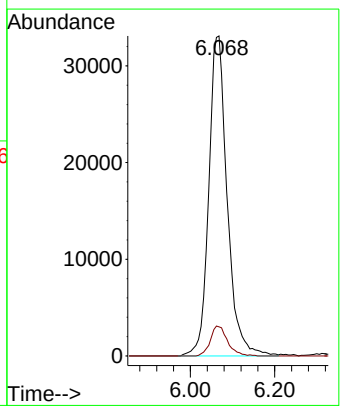


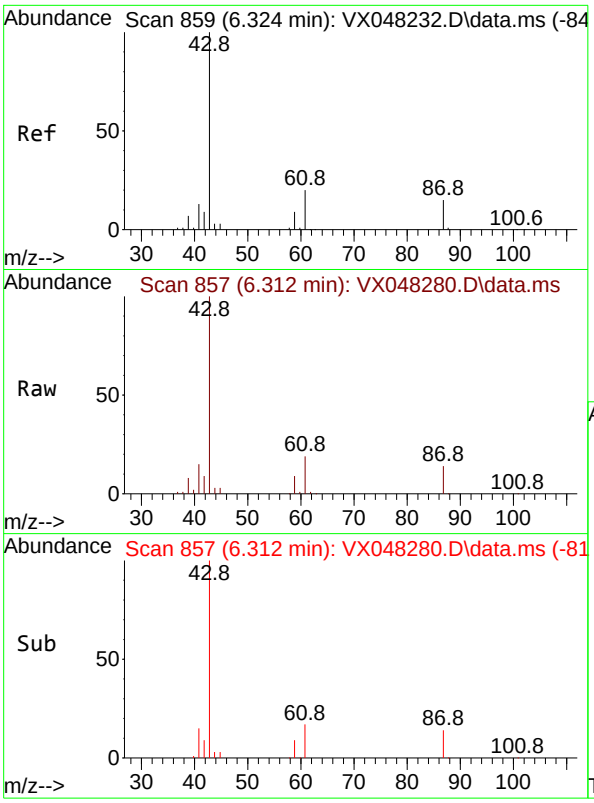




#42
1,2-Dichloroethane
Concen: 56.333 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 62 Resp: 100501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.8 | 0.0 | 17.2 |



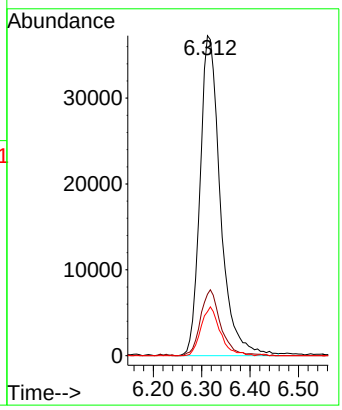


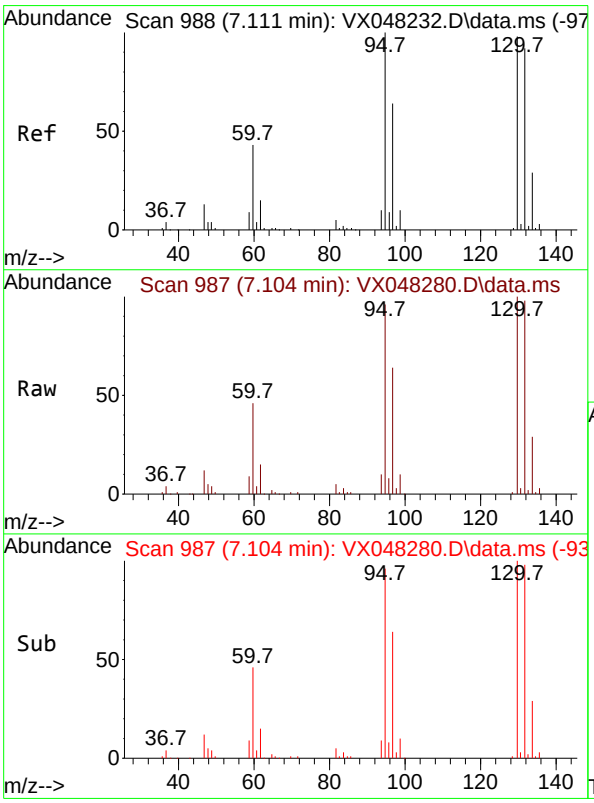

#43
Isopropyl Acetate
Concen: 48.053 ug/l
RT: 6.312 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 108948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.4 | 14.9 | 22.3 |
| 87 | 14.4 | 9.4 | 14.2# |

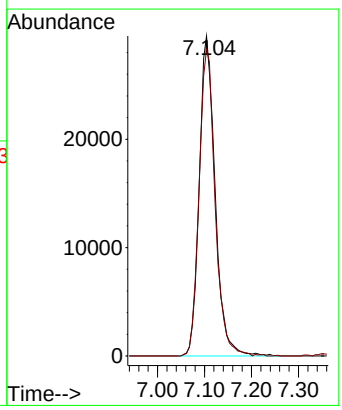


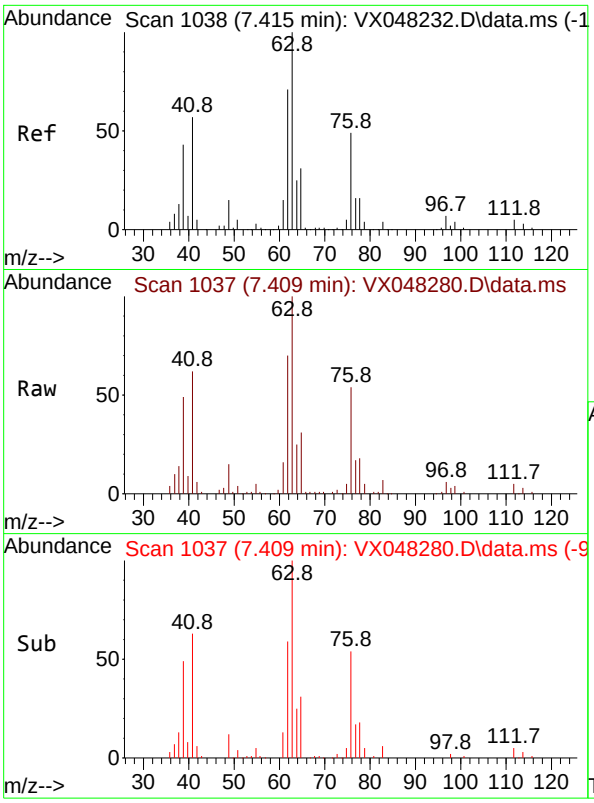




#44
Trichloroethene
Concen: 54.227 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:130 Resp: 69227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.7 | 0.0 | 200.6 |



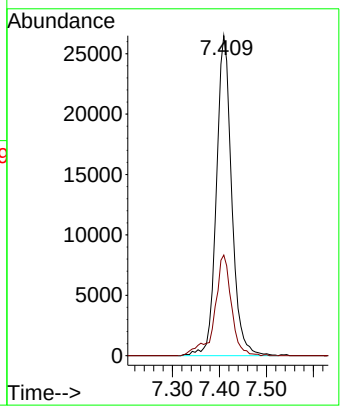


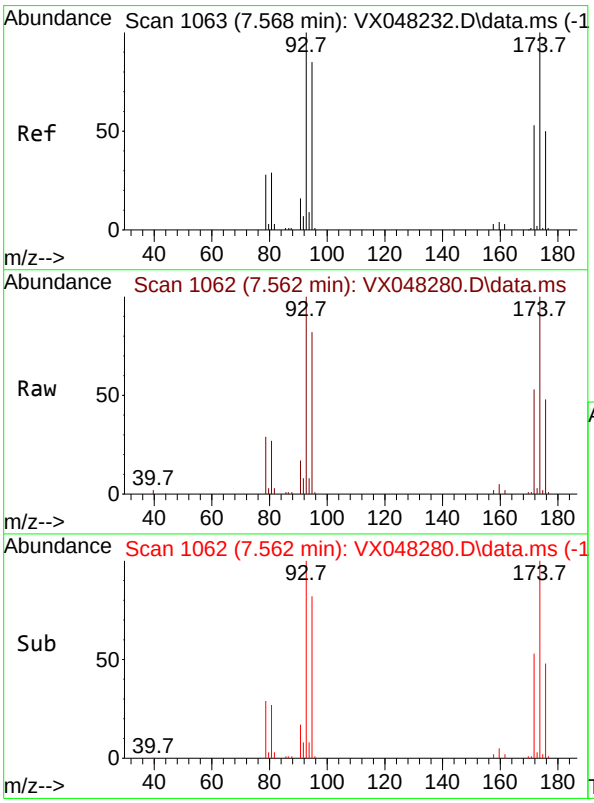

#45
1,2-Dichloropropane
Concen: 52.114 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 63 Resp: 59904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.5 | 24.1 | 36.1 |

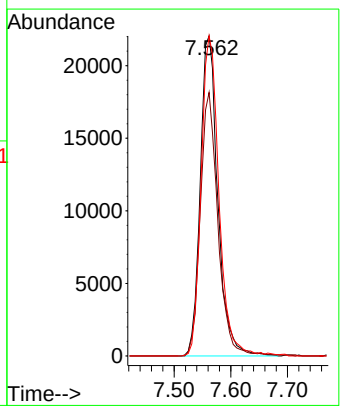


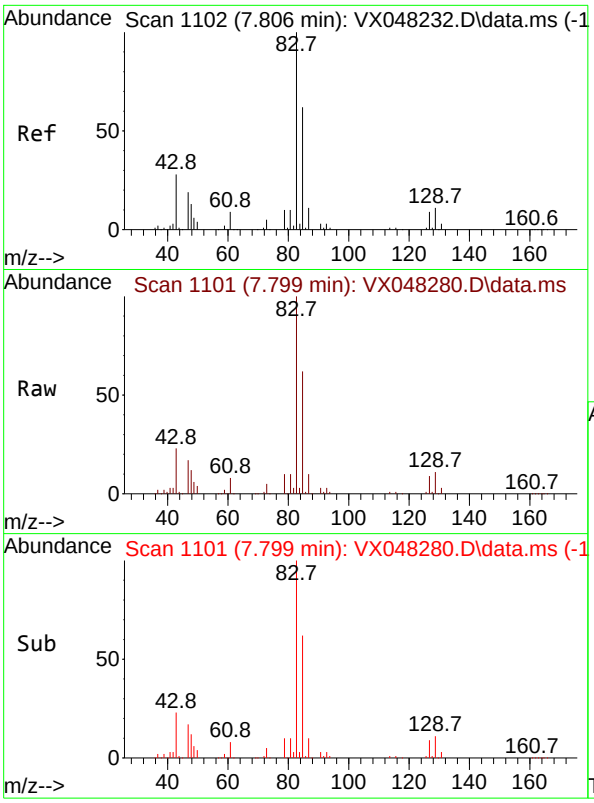




#46
Dibromomethane
Concen: 52.817 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 93 Resp: 47300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.8 | 65.9 | 98.9 |
| 174 | 102.0 | 71.7 | 107.5 |



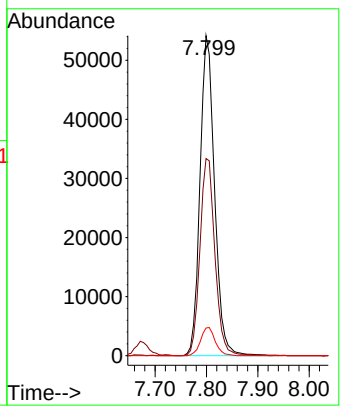


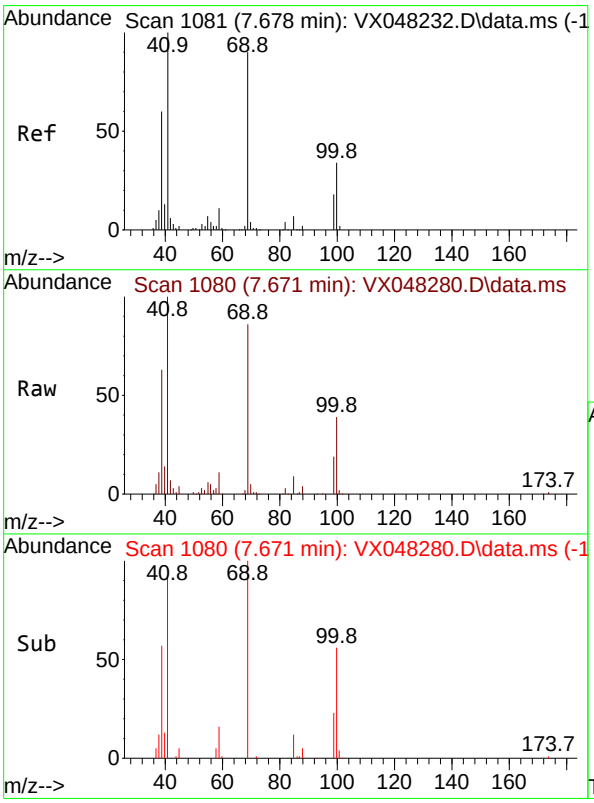

#47
Bromodichloromethane
Concen: 55.092 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 106527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.6 | 52.2 | 78.4 |
| 127 | 8.7 | 7.3 | 10.9 |

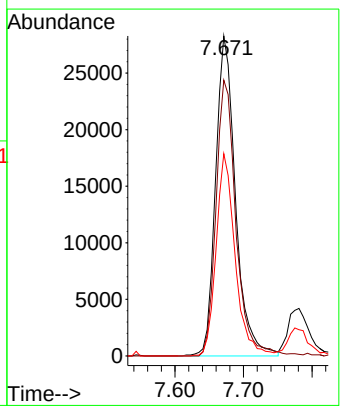


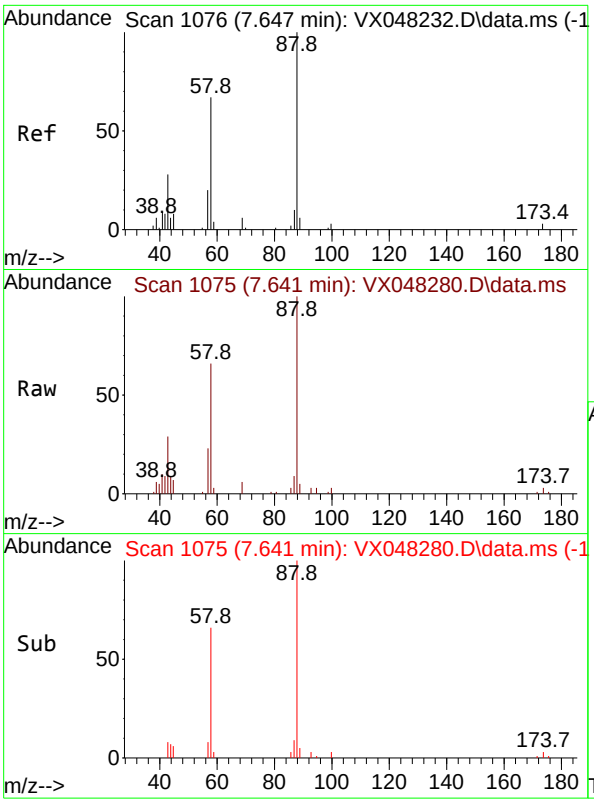




#48
Methyl methacrylate
Concen: 49.735 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 41 Resp: 56901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.5 | 63.4 | 95.0 |
| 39 | 60.5 | 47.1 | 70.7 |



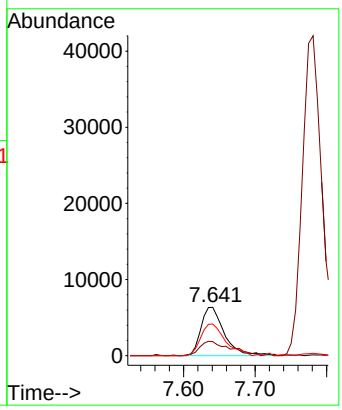


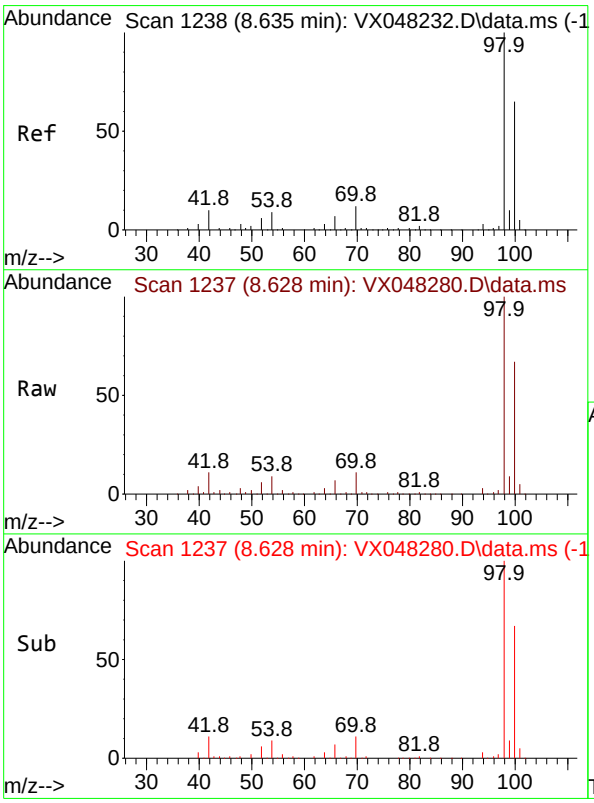

#49
1,4-Dioxane
Concen: 951.387 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 88 Resp: 14380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.9 | 35.0 | 52.4 |
| 58 | 69.1 | 61.9 | 92.9 |

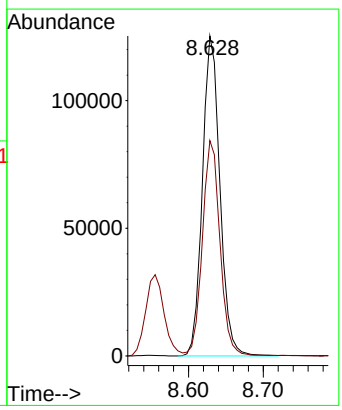


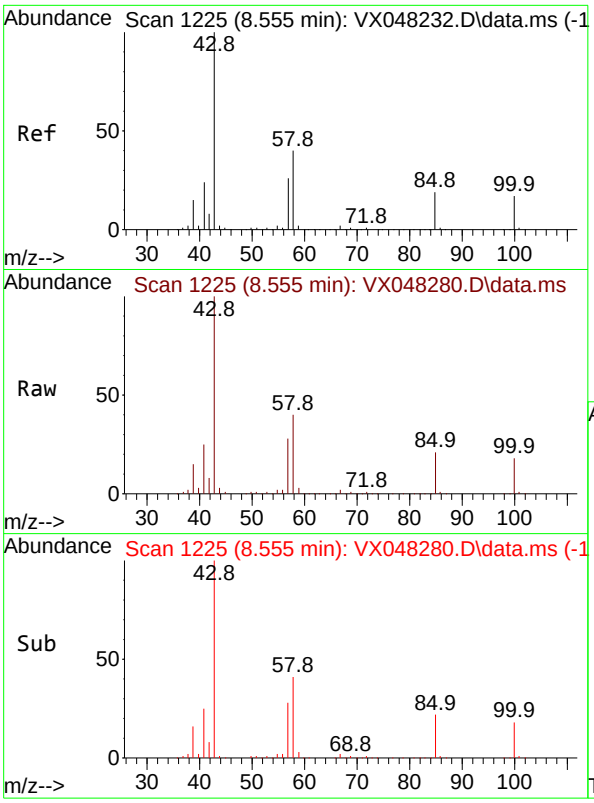




#50
Toluene-d8
Concen: 49.640 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 98 Resp: 203851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.9 | 53.0 | 79.4 |



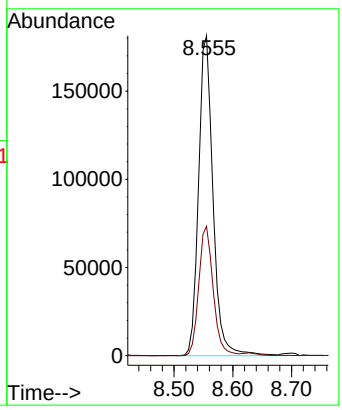


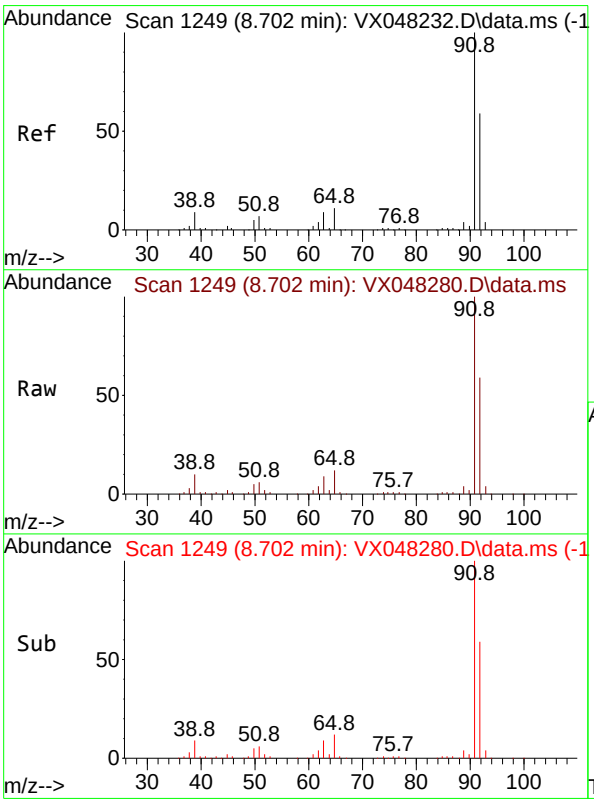

#51
4-Methyl-2-Pentanone
Concen: 237.329 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 310242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 29.5 | 44.3 |

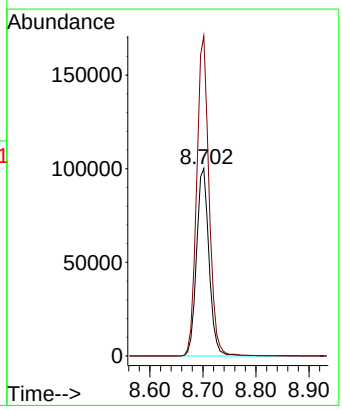


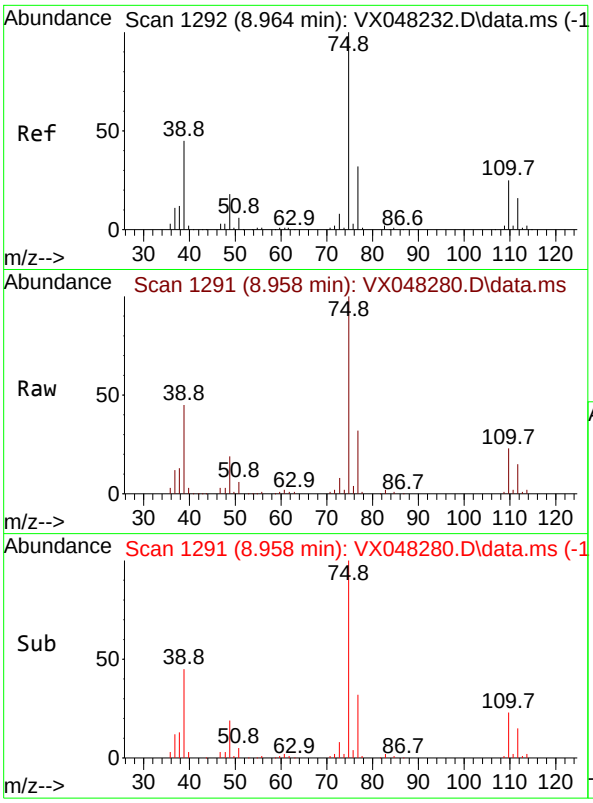




#52
Toluene
Concen: 53.307 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 92 Resp: 163729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.5 | 136.1 | 204.1 |



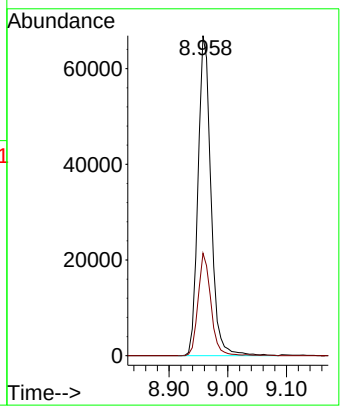


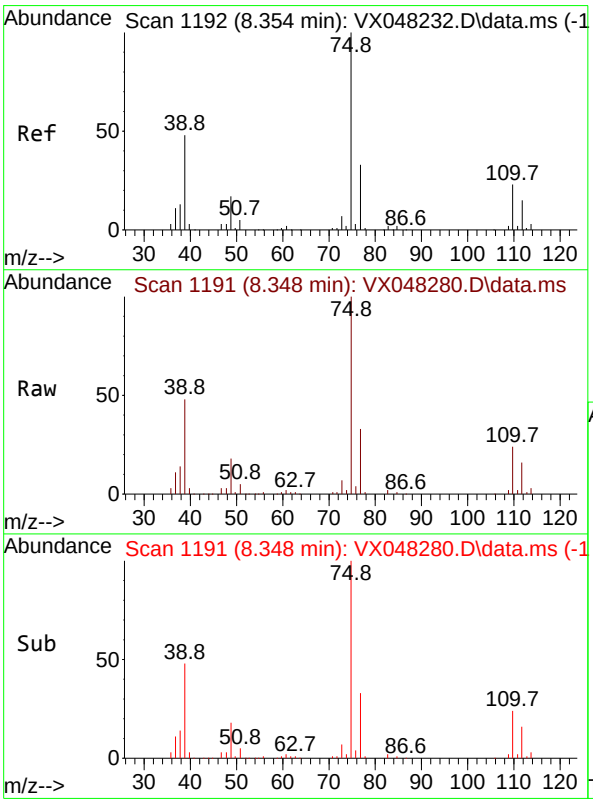

#53
t-1,3-Dichloropropene
Concen: 54.699 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 101924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 25.0 | 37.6 |

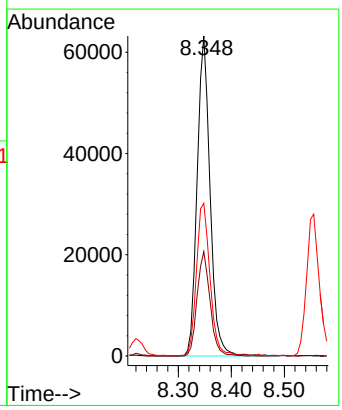


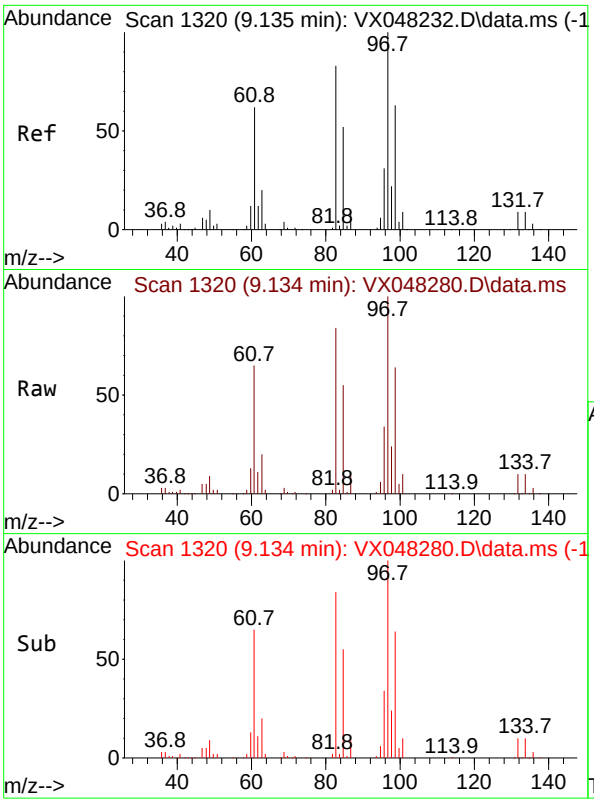




#54
cis-1,3-Dichloropropene
Concen: 53.352 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 107258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.6 | 24.9 | 37.3 |
| 39 | 47.6 | 42.6 | 64.0 |



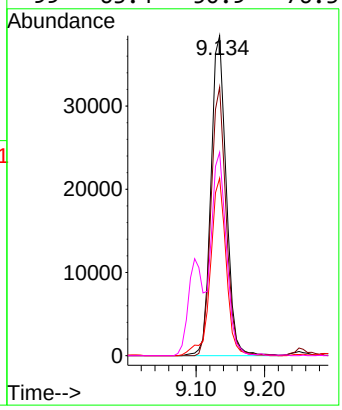


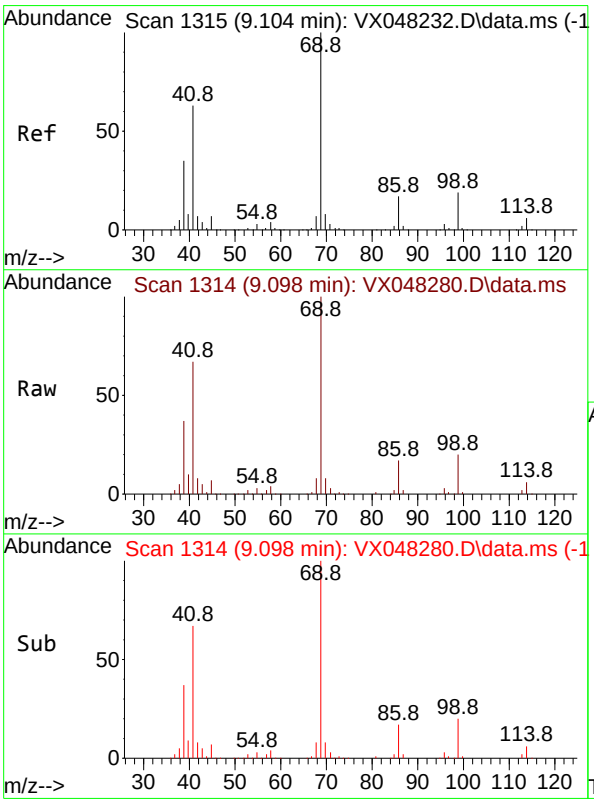

#55
1,1,2-Trichloroethane
Concen: 52.167 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 97 Resp: 59586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.9 | 70.6 | 105.8 |
| 85 | 55.4 | 45.0 | 67.6 |
| 99 | 63.4 | 50.9 | 76.3 |

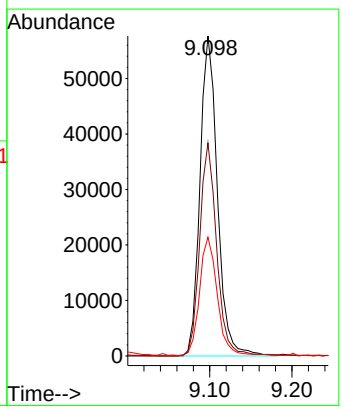


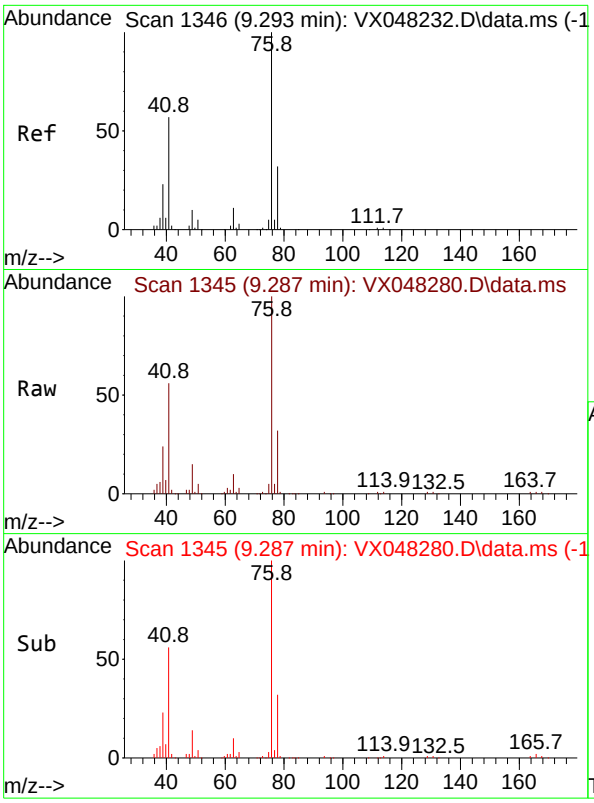




#56
Ethyl methacrylate
Concen: 50.869 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 69 Resp: 84986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.1 | 56.0 | 84.0 |
| 39 | 37.5 | 31.6 | 47.4 |



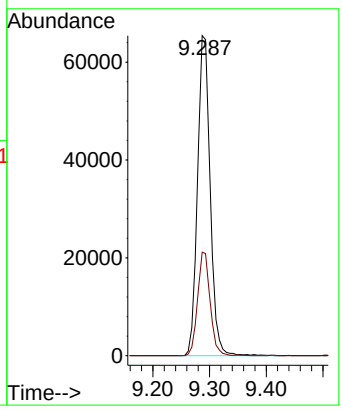


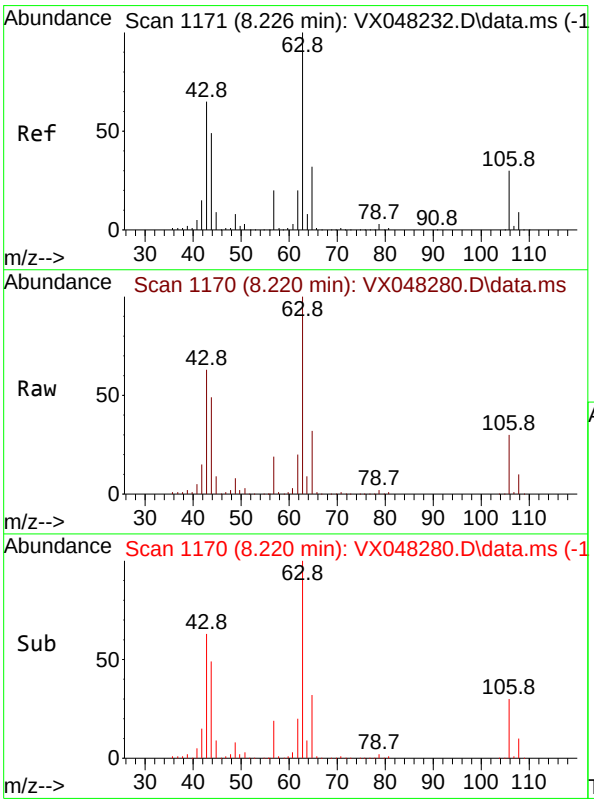

#57
1,3-Dichloropropane
Concen: 52.019 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 101491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.4 | 38.0 |

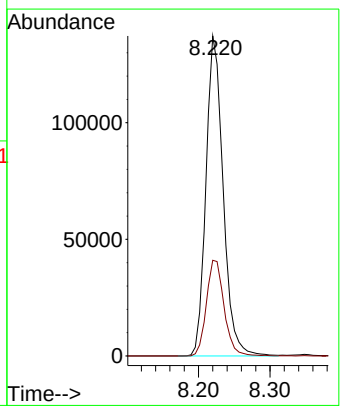


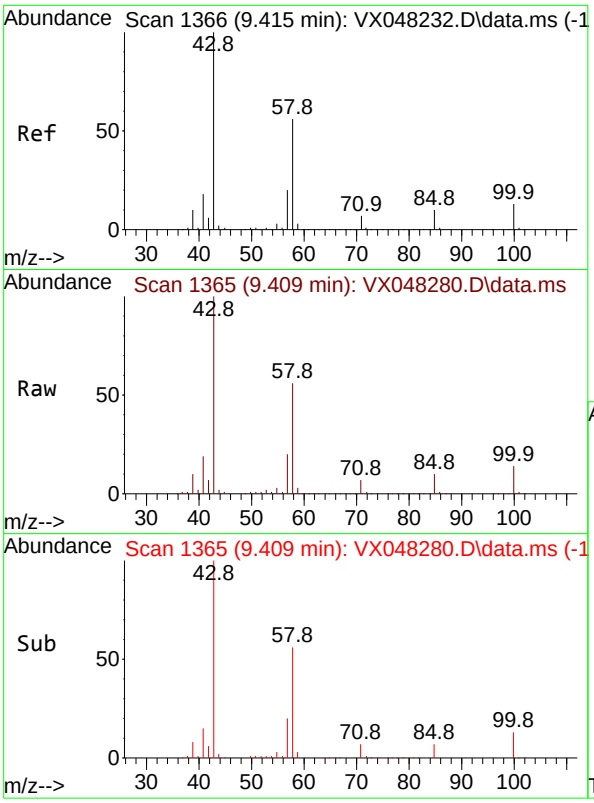




#58
2-Chloroethyl Vinyl ether
Concen: 255.311 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 63 Resp: 229383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.8 | 22.2 | 33.2 |



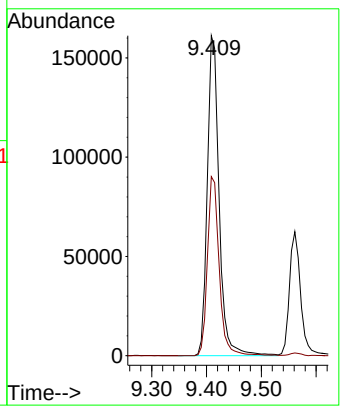


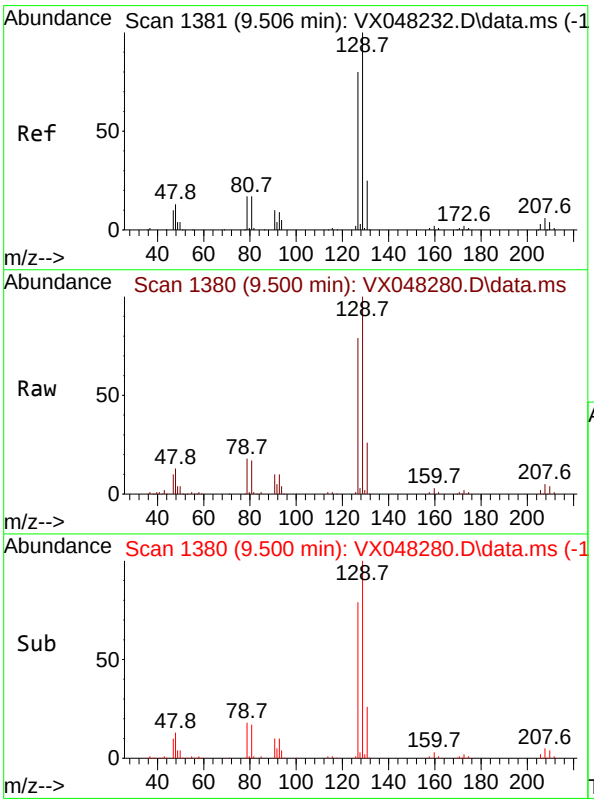

#59
2-Hexanone
Concen: 263.703 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 240369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.9 | 26.3 | 78.8 |

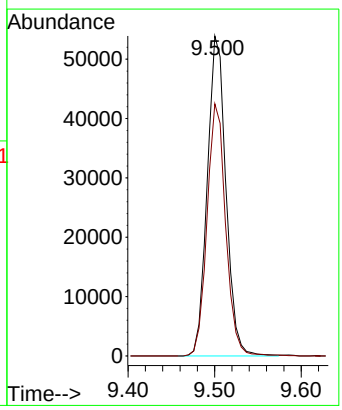


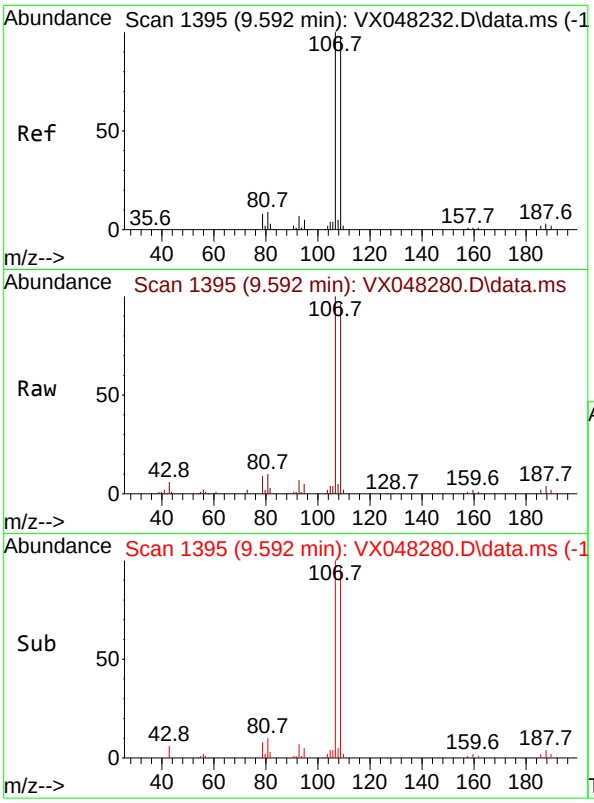




#60
Dibromochloromethane
Concen: 52.530 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:129 Resp: 80645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.8 | 38.6 | 115.7 |



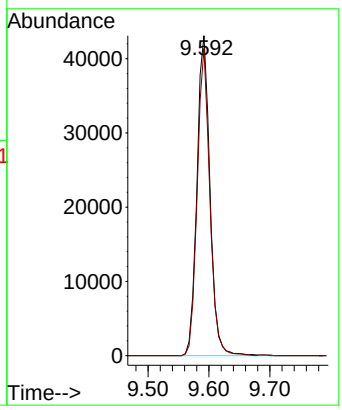


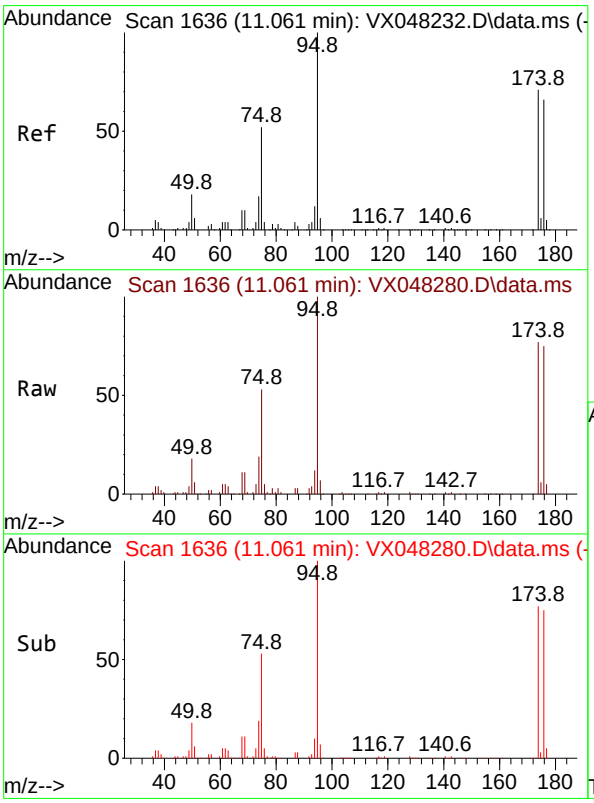

#61
1,2-Dibromoethane
Concen: 52.565 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:107 Resp: 64007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.6 | 77.0 | 115.4 |

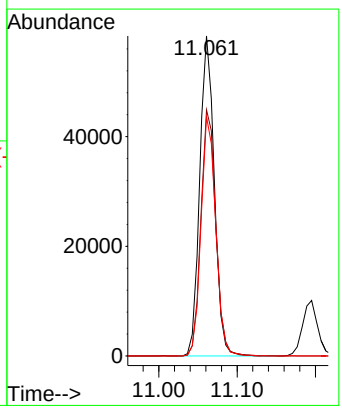


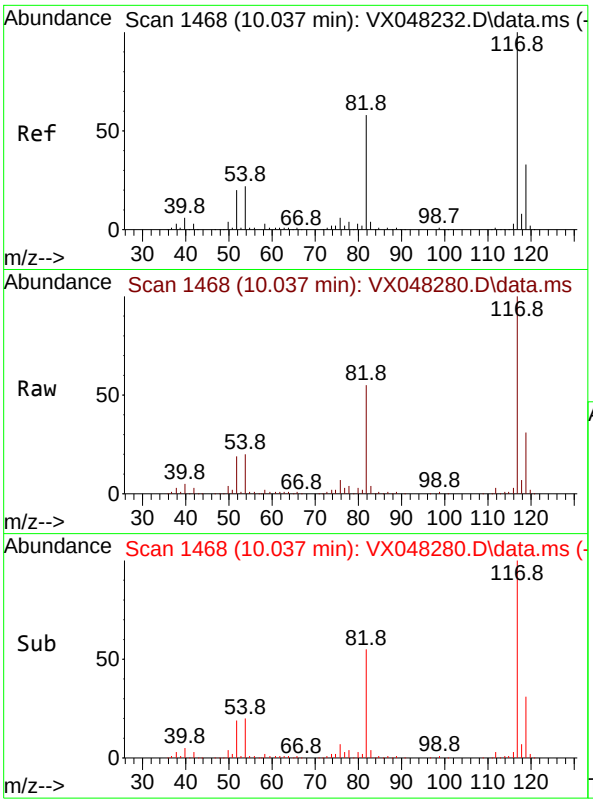




#62
4-Bromofluorobenzene
Concen: 48.352 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 95 Resp: 75540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.0 | 0.0 | 147.8 |
| 176 | 75.4 | 0.0 | 142.8 |



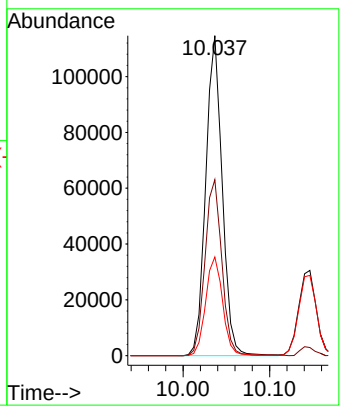


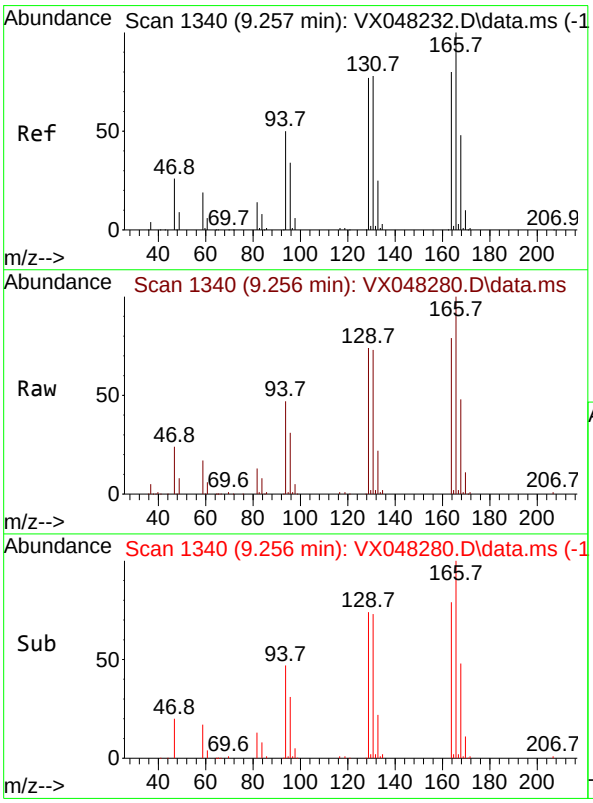

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:117 Resp: 151325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.0 | 46.5 | 69.7 |
| 119 | 30.8 | 25.9 | 38.9 |

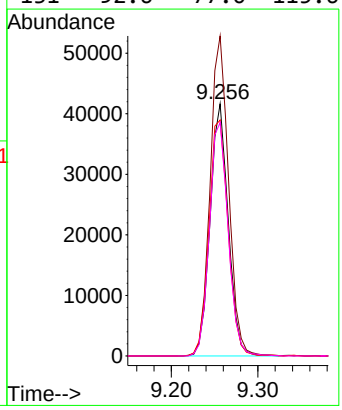


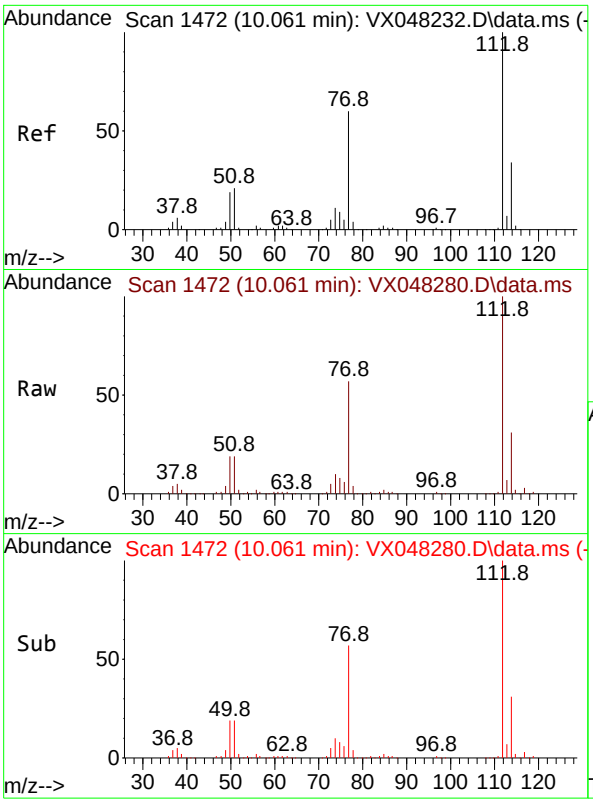




#64
Tetrachloroethene
Concen: 53.469 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:164 Resp: 60402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.9 | 104.5 | 156.7 |
| 129 | 93.6 | 81.8 | 122.6 |
| 131 | 92.6 | 77.0 | 115.6 |



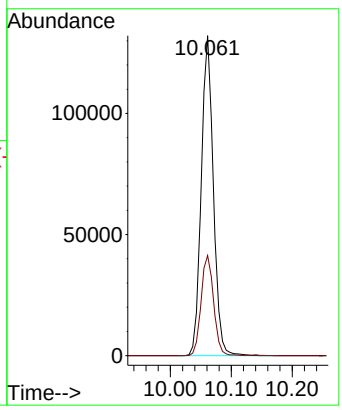


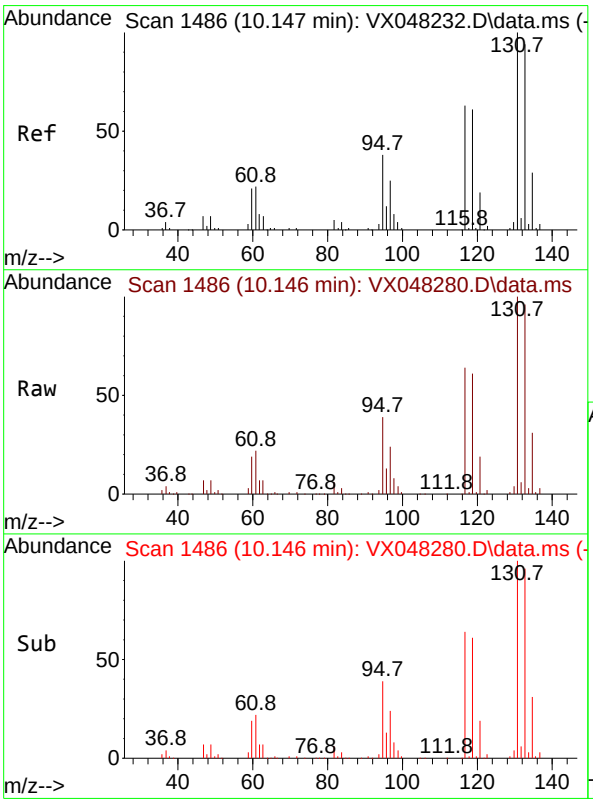

#65
Chlorobenzene
Concen: 53.663 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:112 Resp: 182674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.3 | 26.2 | 39.2 |

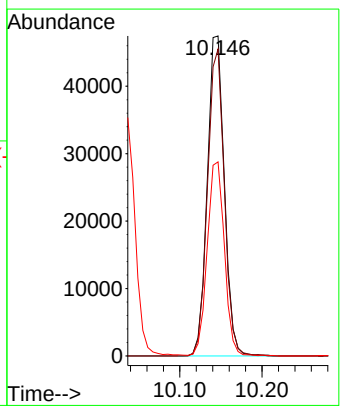


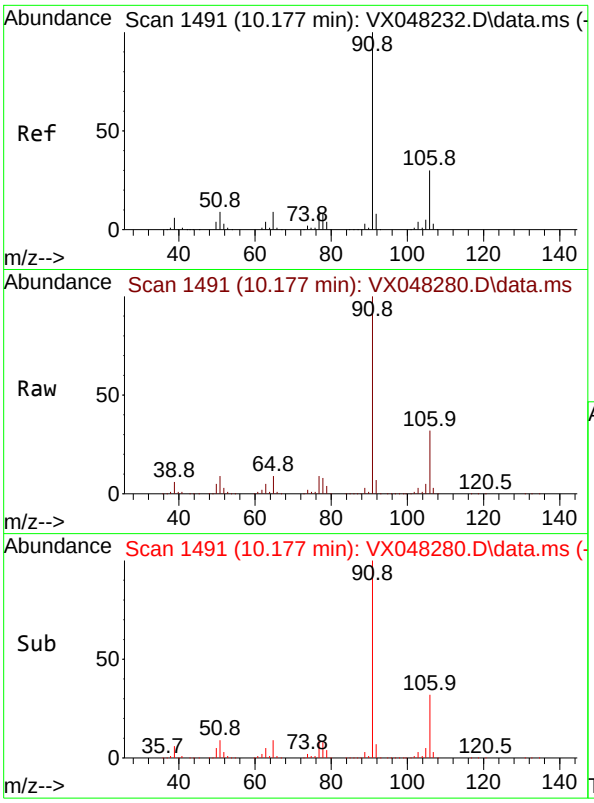




#66
1,1,1,2-Tetrachloroethane
Concen: 54.756 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:131 Resp: 68462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.3 | 47.6 | 142.8 |
| 119 | 61.2 | 32.5 | 97.5 |



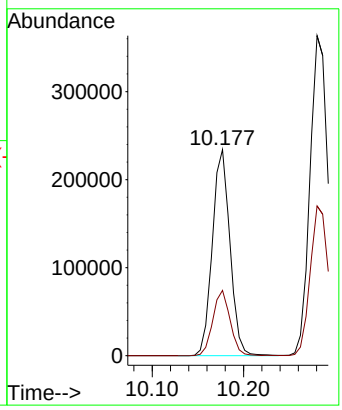


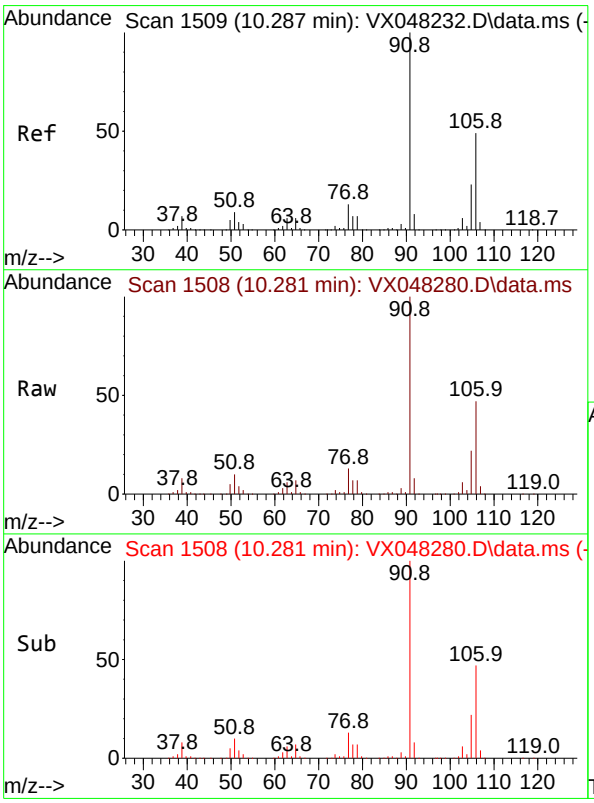

#67
Ethyl Benzene
Concen: 54.267 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 314516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.7 | 23.8 | 35.6 |

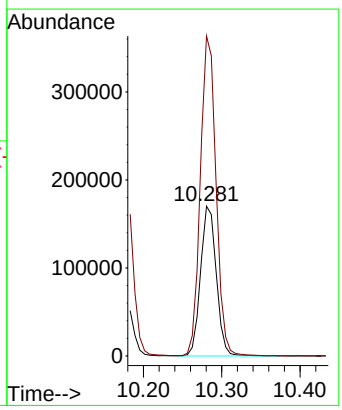


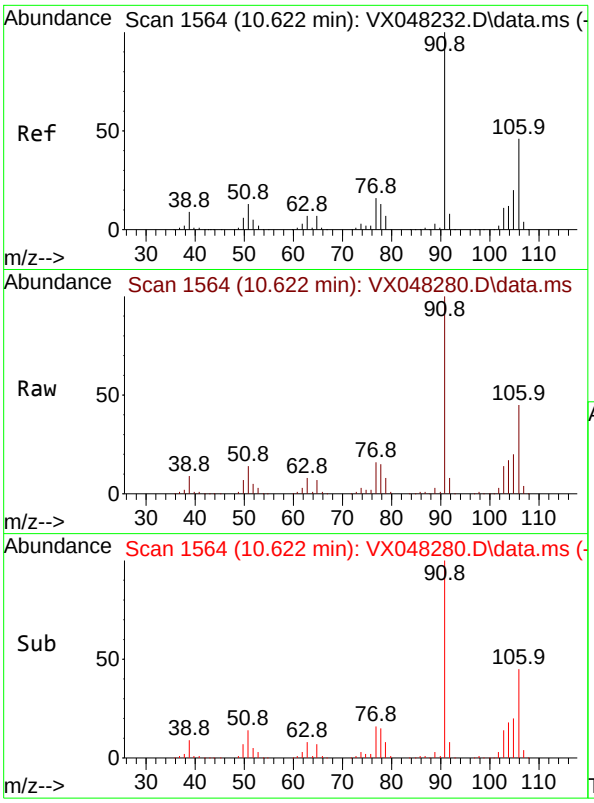




#68
m/p-Xylenes
Concen: 109.959 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:106 Resp: 236784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.7 | 167.9 | 251.9 |



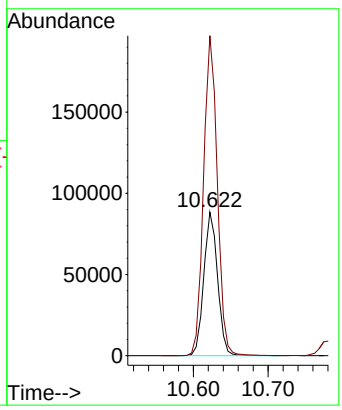


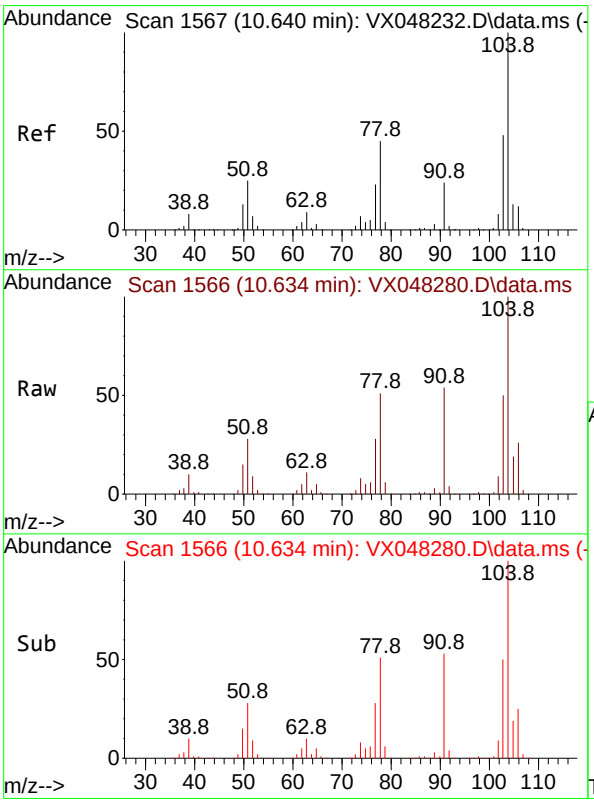

#69
o-Xylene
Concen: 54.361 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:106 Resp: 113014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.2 | 111.3 | 333.9 |

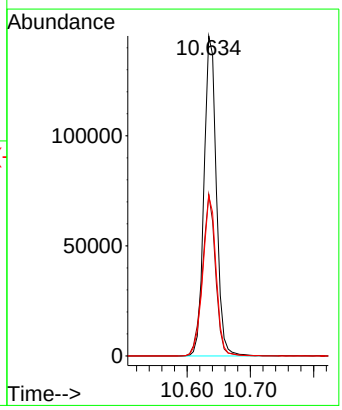


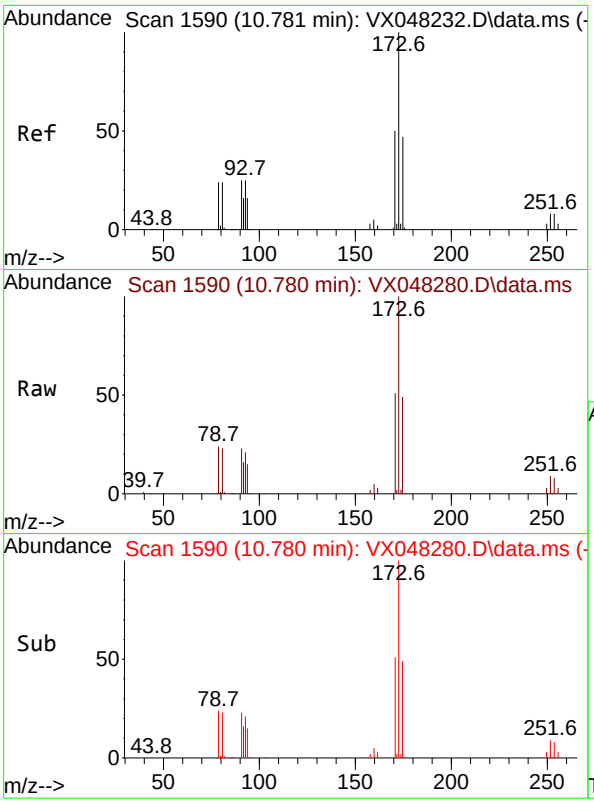




#70
Styrene
Concen: 55.916 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:104 Resp: 197941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.4 | 42.2 | 63.4 |
| 103 | 53.6 | 43.0 | 64.4 |



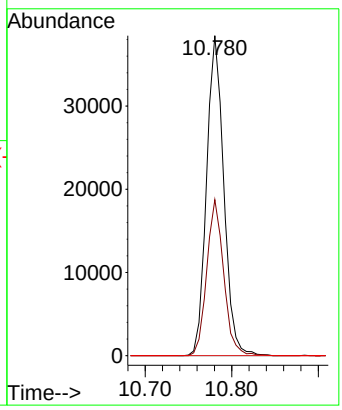


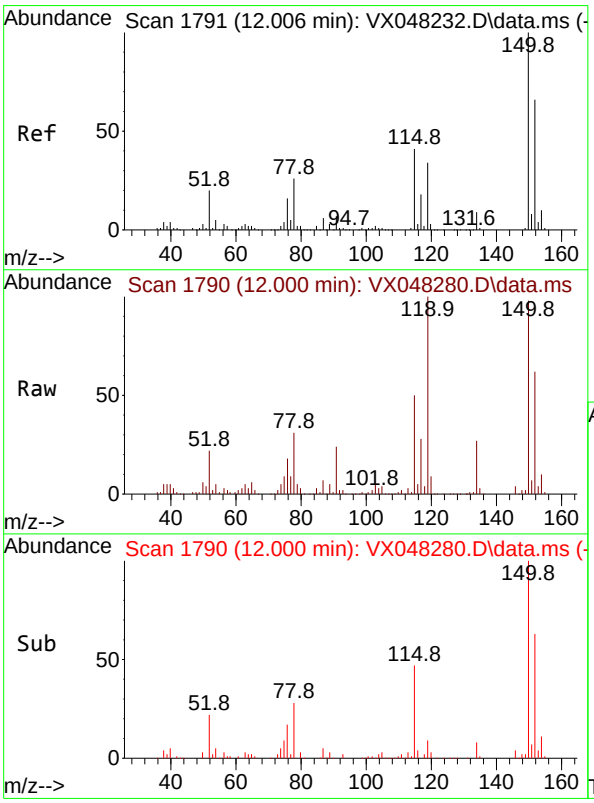

#71
Bromoform
Concen: 53.153 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:173 Resp: 53116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.1 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

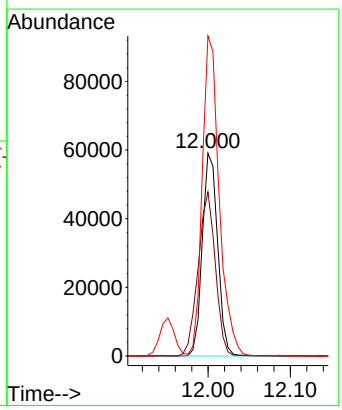


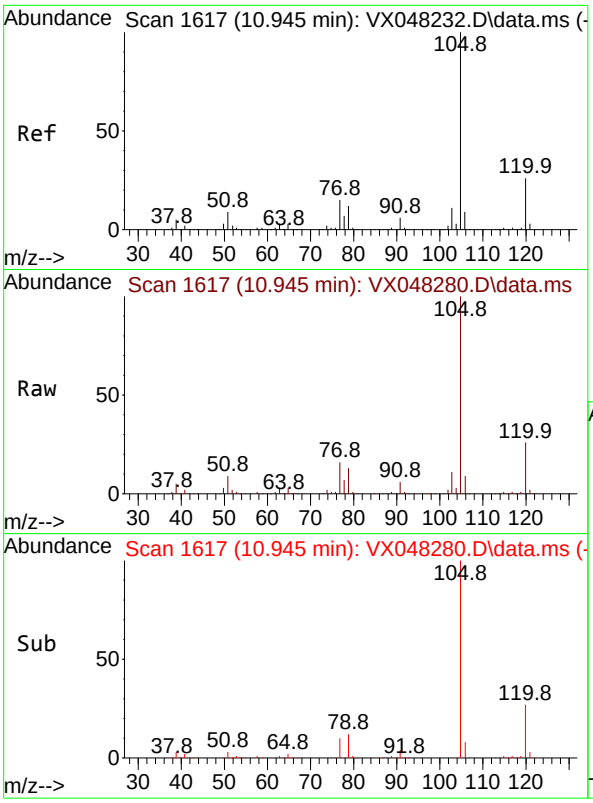




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:152 Resp: 76595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 91.1 | 43.1 | 129.4 |
| 150 | 173.9 | 0.0 | 353.0 |



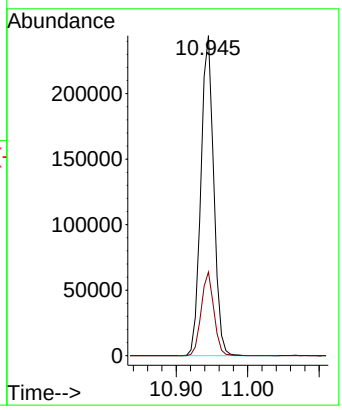


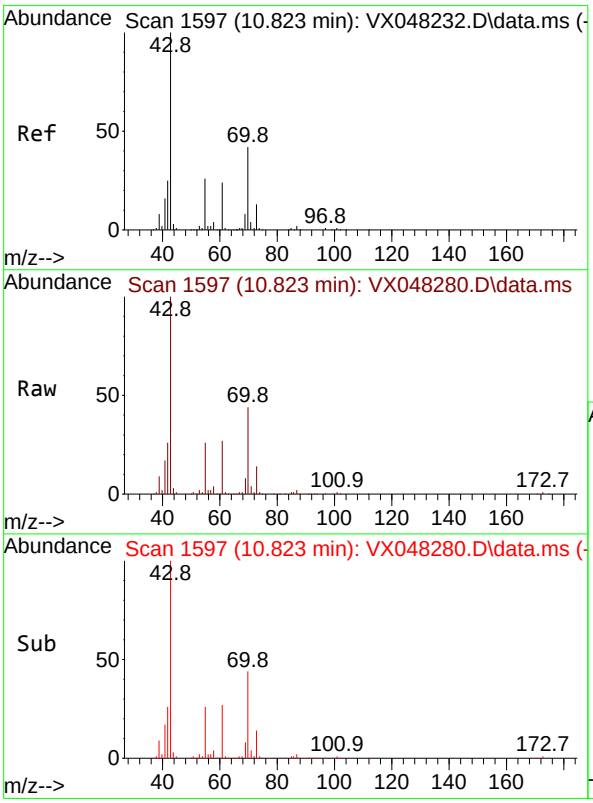

#73
Isopropylbenzene
Concen: 54.500 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 304903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.8 | 13.0 | 38.9 |

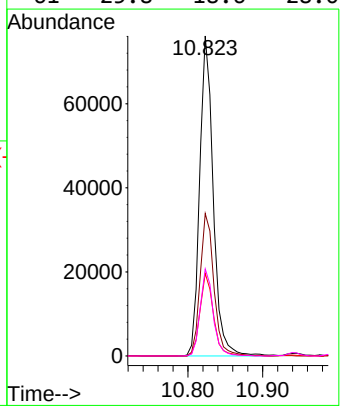


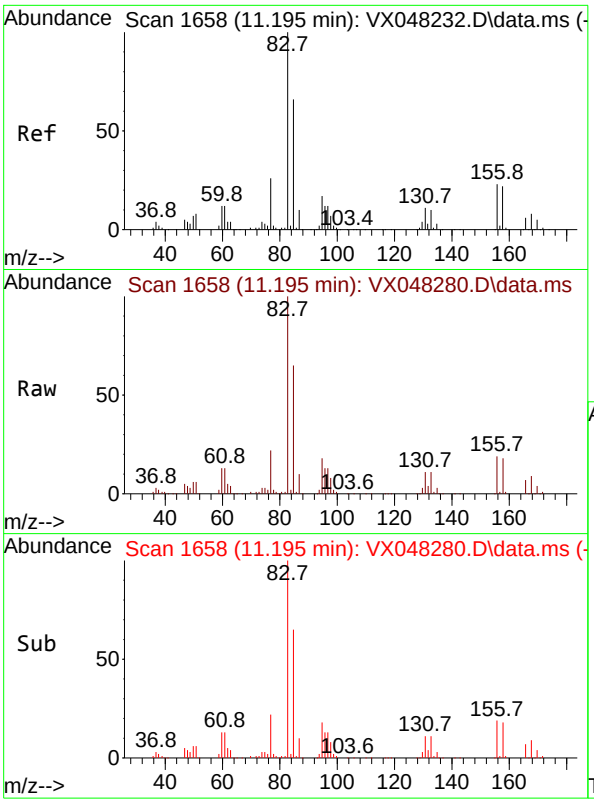




#74
N-amyl acetate
Concen: 48.424 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 96095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 45.2 | 32.2 | 48.2 |
| 55 | 25.5 | 19.1 | 28.7 |
| 61 | 25.8 | 18.6 | 28.0 |



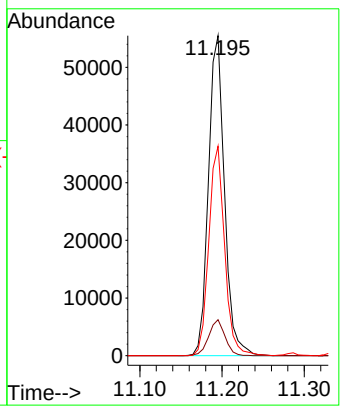


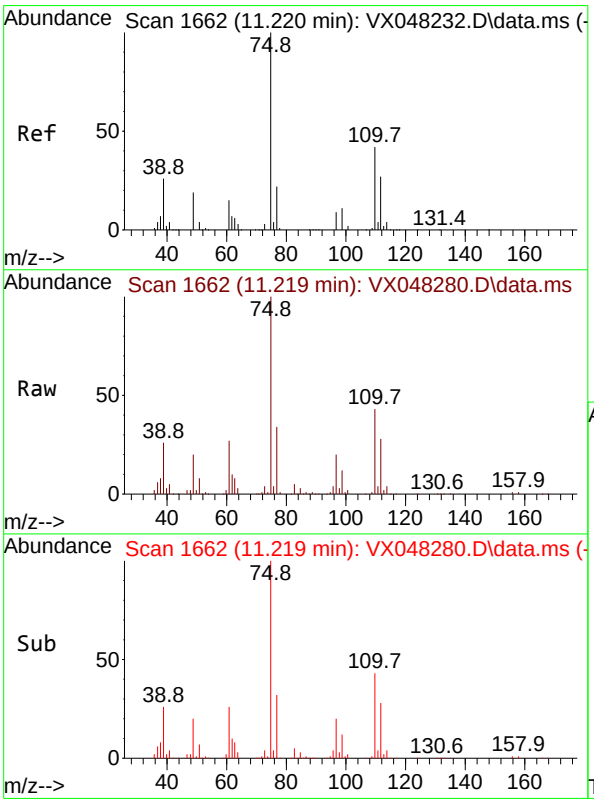

#75
1,1,2,2-Tetrachloroethane
Concen: 49.292 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 75307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.4 | 4.8 | 14.4 |
| 85 | 64.7 | 31.9 | 95.7 |

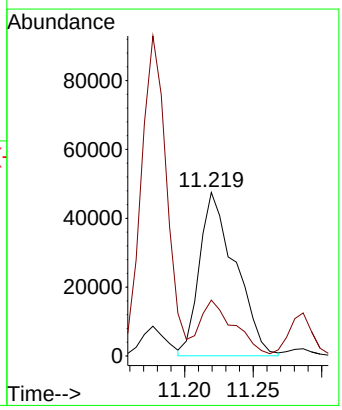


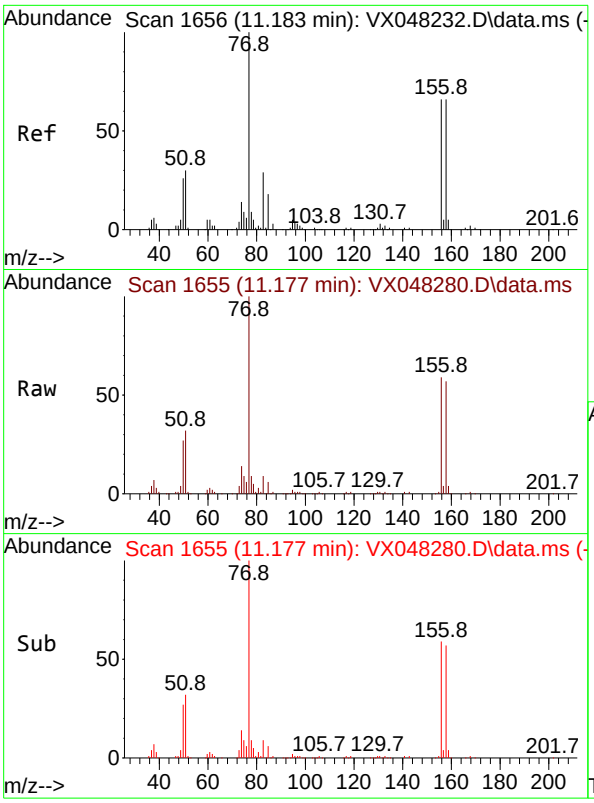




#76
1,2,3-Trichloropropane
Concen: 69.767 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 86659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.9 | 22.4 | 67.2 |



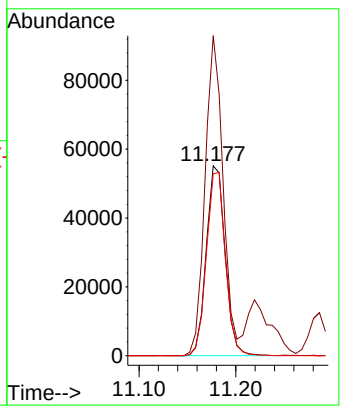


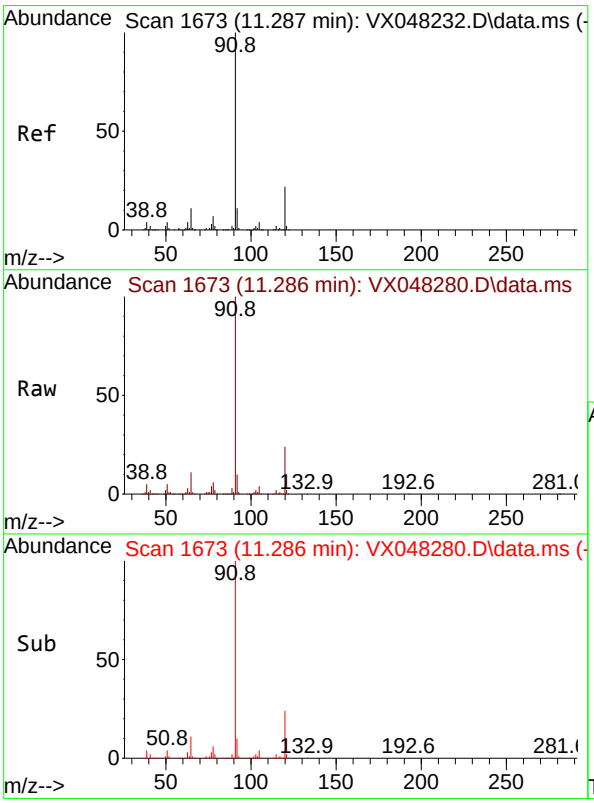

#77
Bromobenzene
Concen: 53.507 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:156 Resp: 75059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 159.4 | 87.0 | 261.0 |
| 158 | 96.7 | 47.8 | 143.4 |

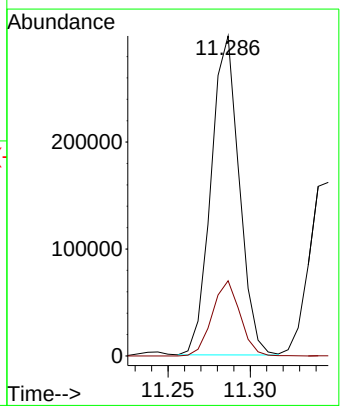


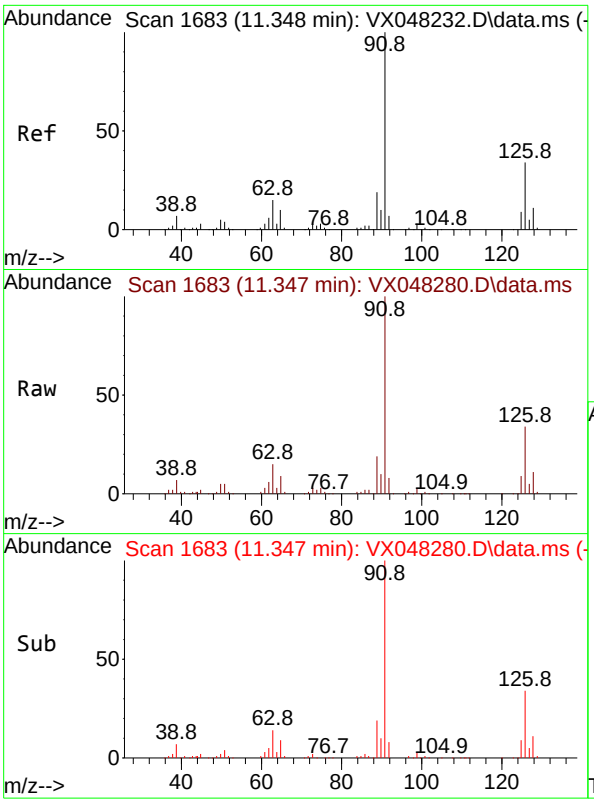




#78
n-propylbenzene
Concen: 55.000 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 356264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.3 | 11.1 | 33.1 |



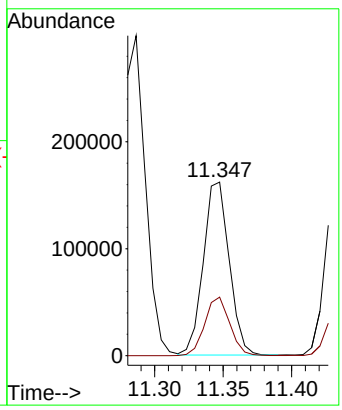


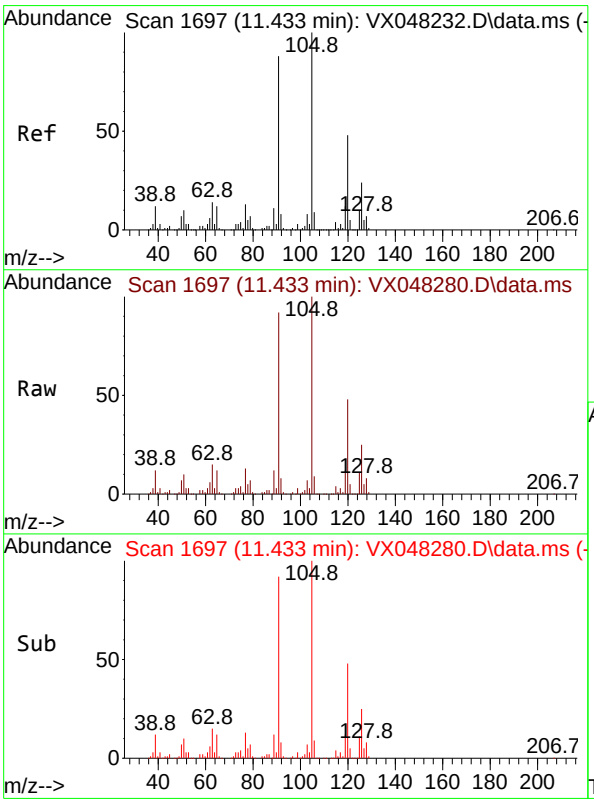

#79
2-Chlorotoluene
Concen: 54.093 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 212434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.8 | 16.4 | 49.4 |

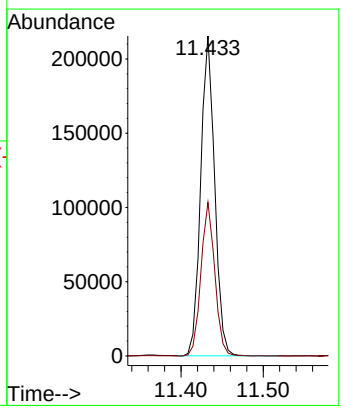


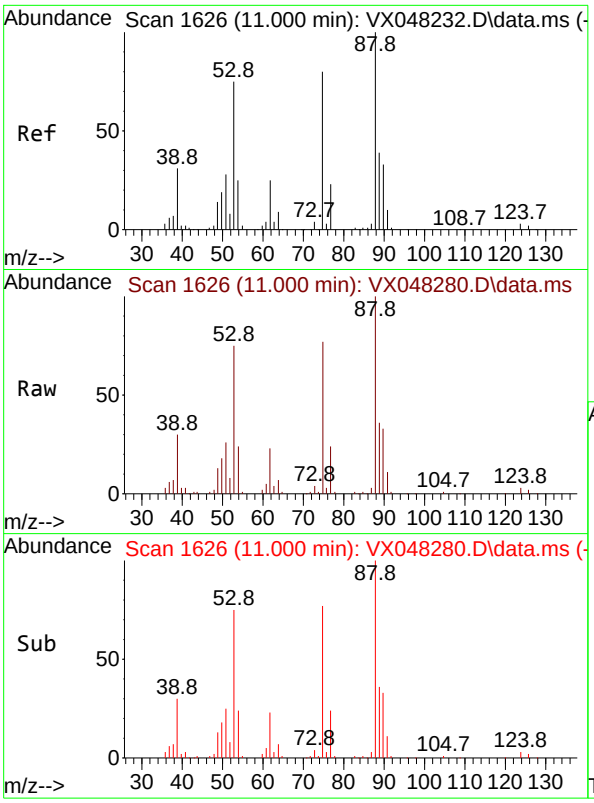




#80
1,3,5-Trimethylbenzene
Concen: 54.818 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:105 Resp: 253794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.6 | 24.0 | 72.0 |



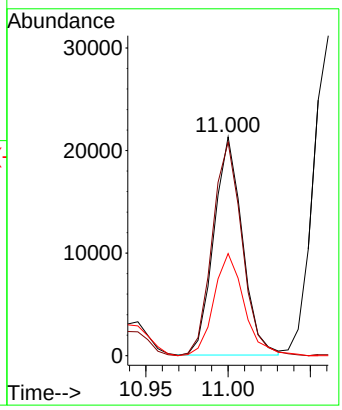


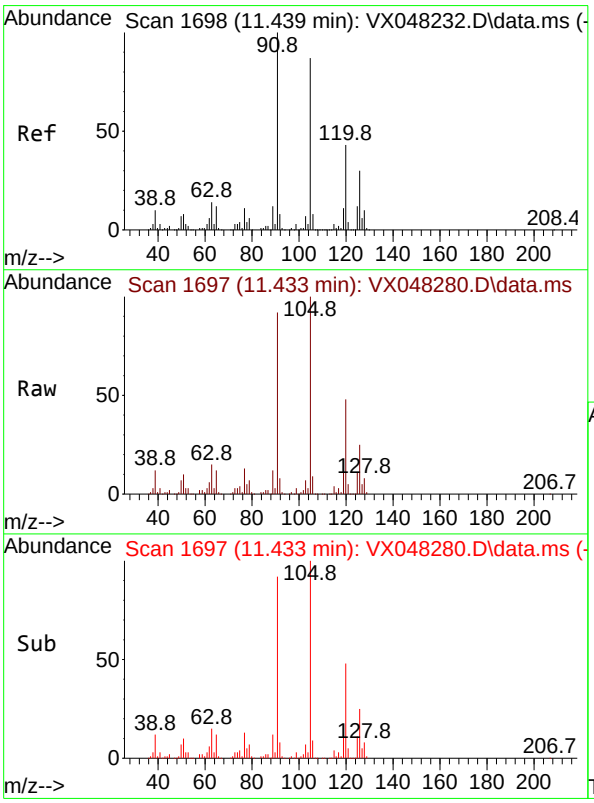

#81
trans-1,4-Dichloro-2-butene
Concen: 50.299 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 25680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 102.3 | 79.5 | 119.3 |
| 89 | 49.9 | 36.8 | 55.2 |

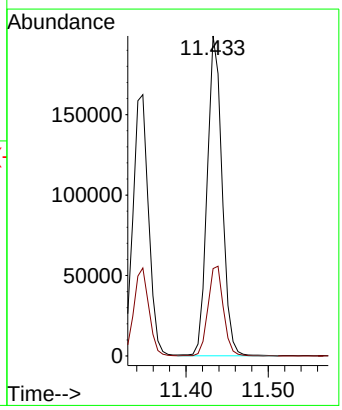


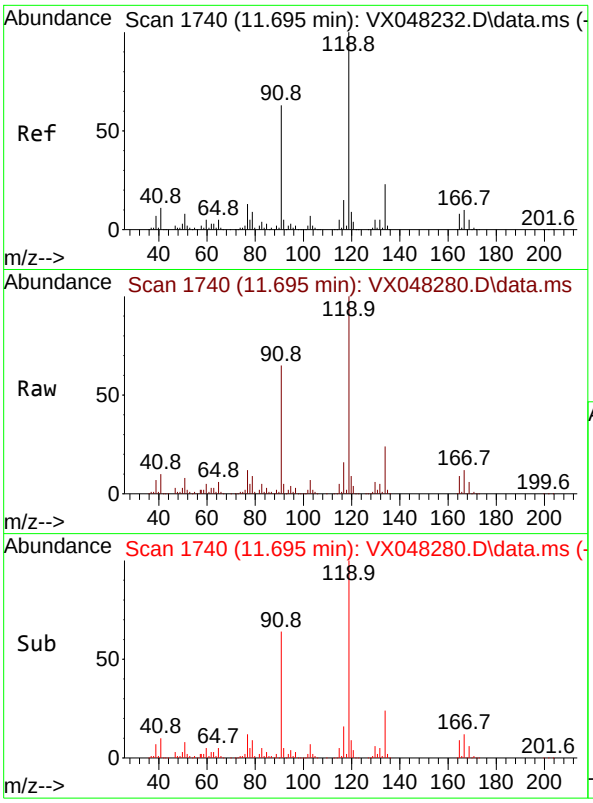




#82
4-Chlorotoluene
Concen: 53.783 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 250734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.0 | 14.1 | 42.4 |



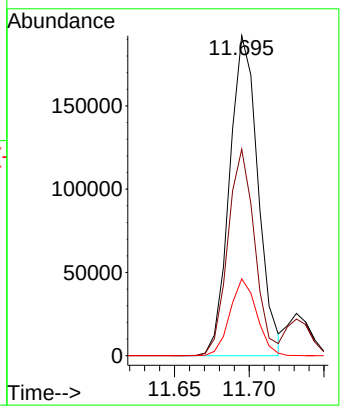


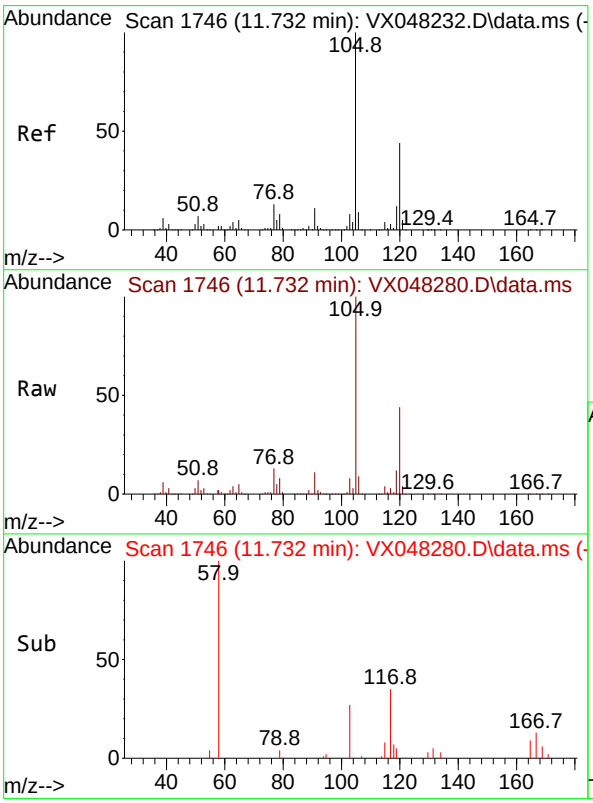

#83
tert-Butylbenzene
Concen: 53.430 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:119 Resp: 254160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 61.2 | 30.3 | 91.0 |
| 134 | 22.6 | 11.4 | 34.2 |

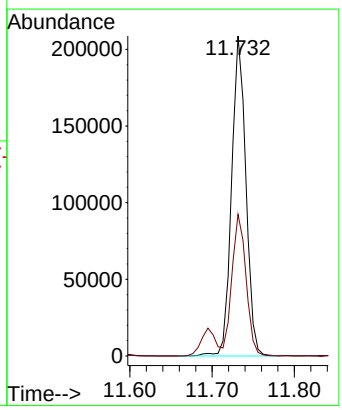


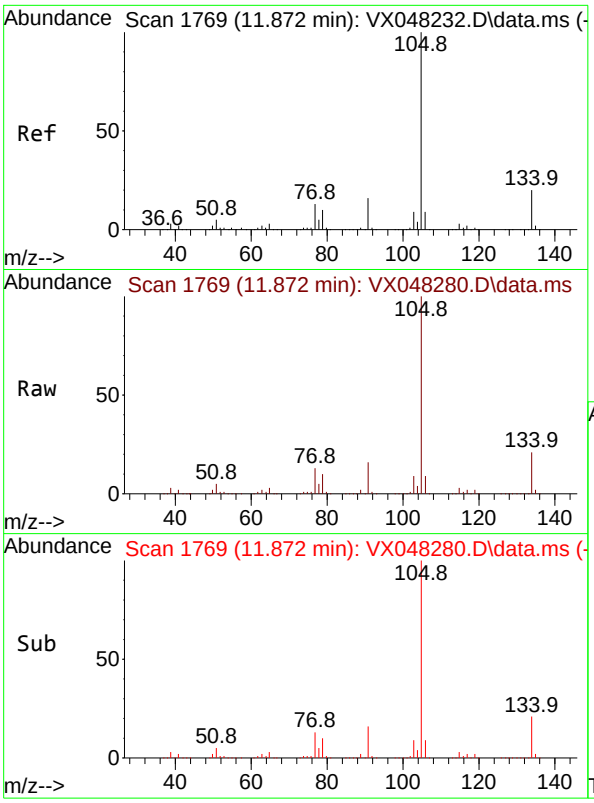




#84
1,2,4-Trimethylbenzene
Concen: 54.596 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:105 Resp: 252256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.6 | 22.1 | 66.5 |



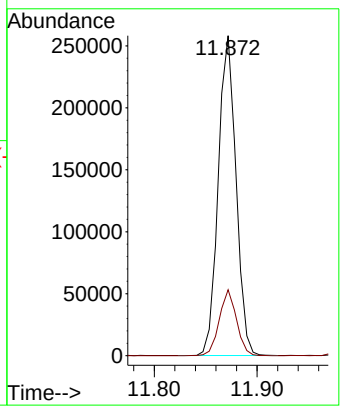


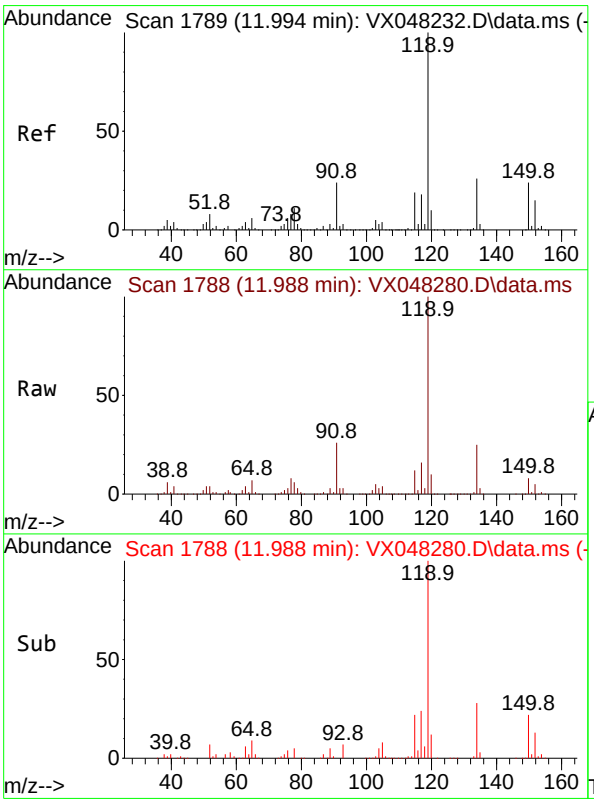

#85
sec-Butylbenzene
Concen: 54.013 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 309120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.0 | 10.1 | 30.1 |

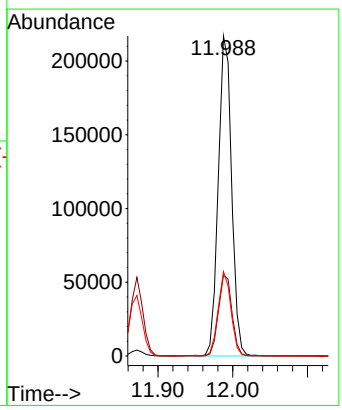


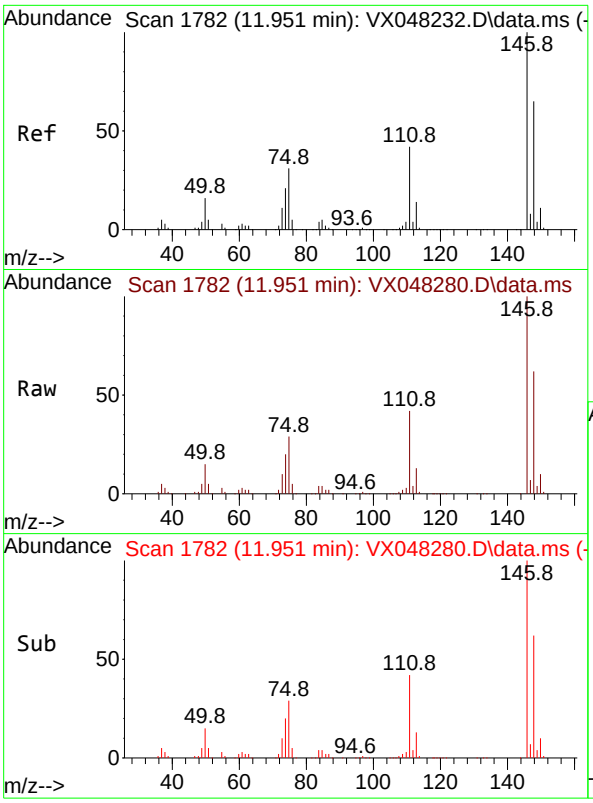




#86
p-Isopropyltoluene
Concen: 54.408 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:119 Resp: 269139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 13.0 | 39.0 |
| 91 | 25.4 | 12.1 | 36.3 |



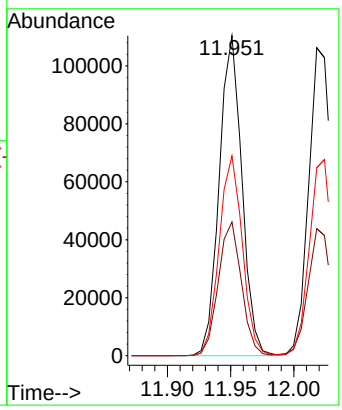


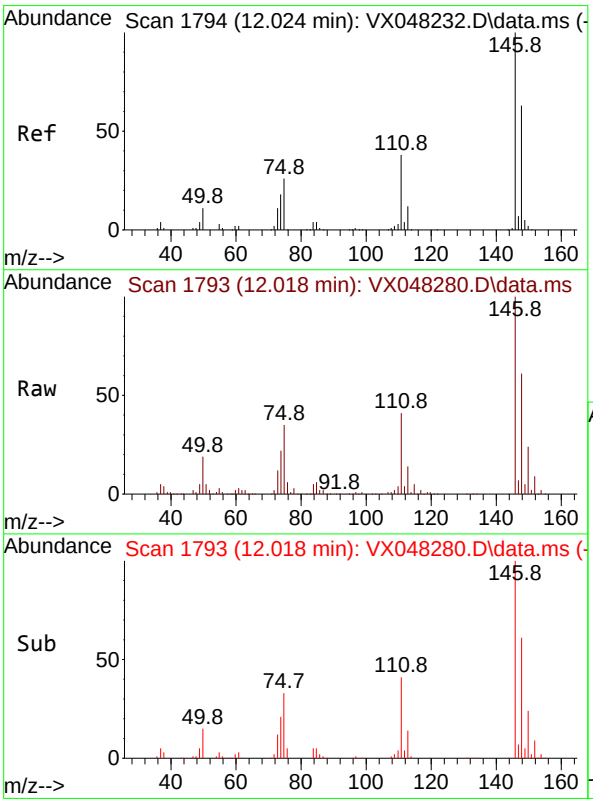

#87
1,3-Dichlorobenzene
Concen: 52.079 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 137722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.6 | 20.4 | 61.2 |
| 148 | 63.9 | 31.9 | 95.9 |

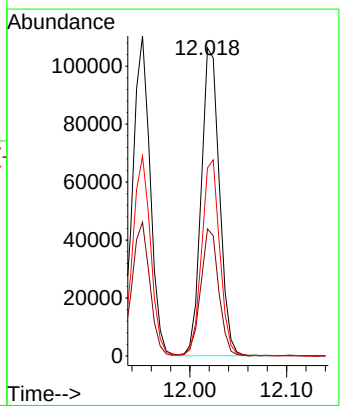


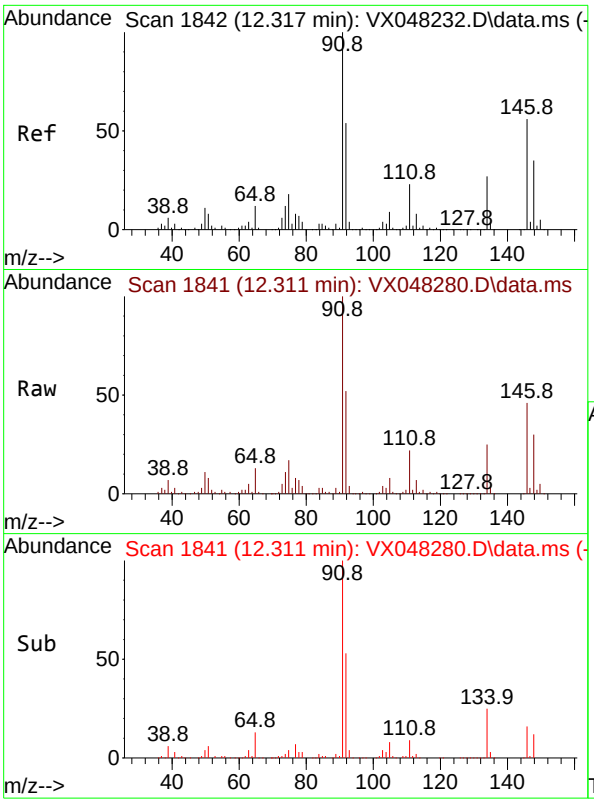




#88
1,4-Dichlorobenzene
Concen: 50.886 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:146 Resp: 139405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.9 | 20.1 | 60.2 |
| 148 | 63.0 | 31.8 | 95.3 |



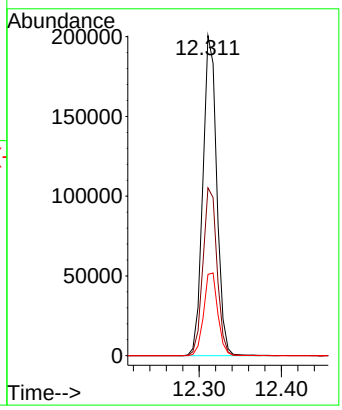


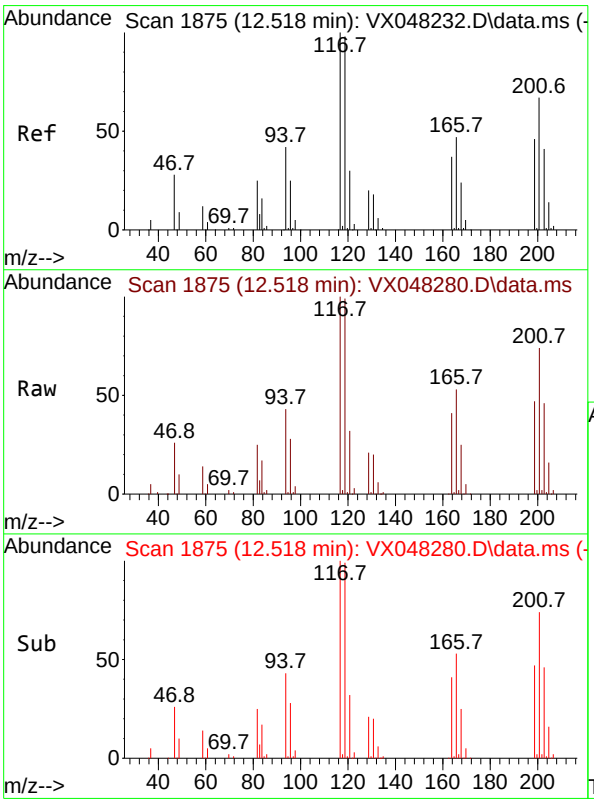

#89
n-Butylbenzene
Concen: 52.334 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 235632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.3 | 26.9 | 80.6 |
| 134 | 26.2 | 12.7 | 38.1 |

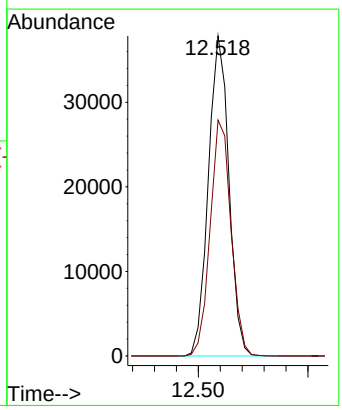


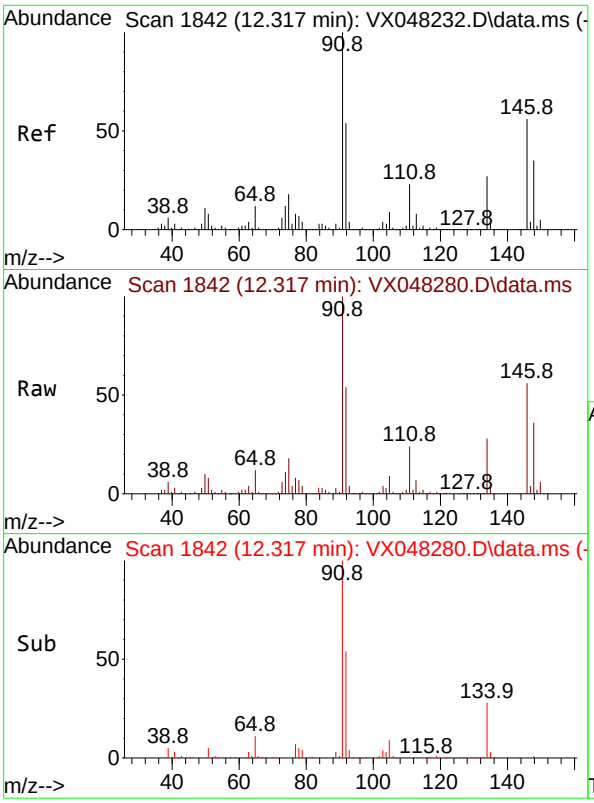




#90
Hexachloroethane
Concen: 50.400 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:117 Resp: 49234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 74.7 | 34.1 | 102.2 |



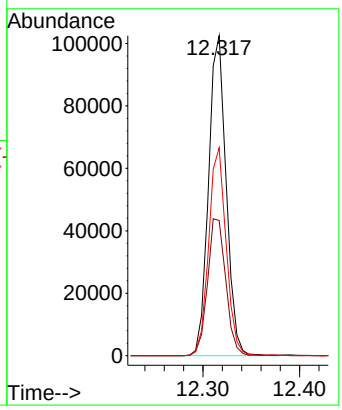


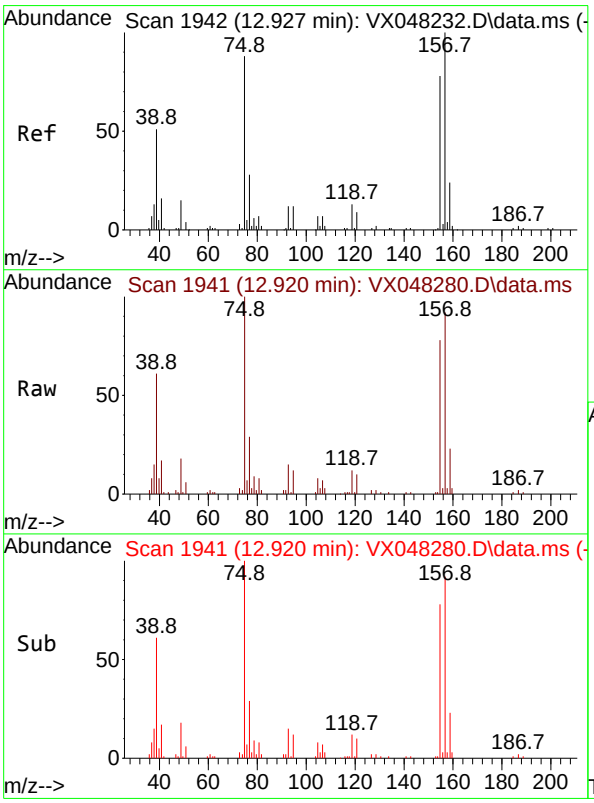

#91
1,2-Dichlorobenzene
Concen: 52.256 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 129743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.6 | 21.9 | 65.5 |
| 148 | 64.7 | 31.9 | 95.5 |

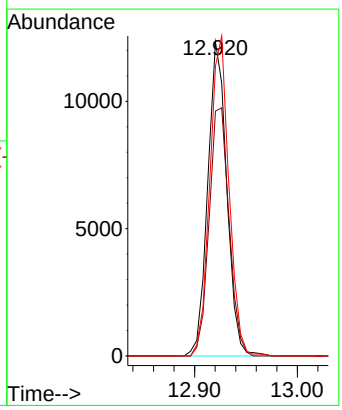


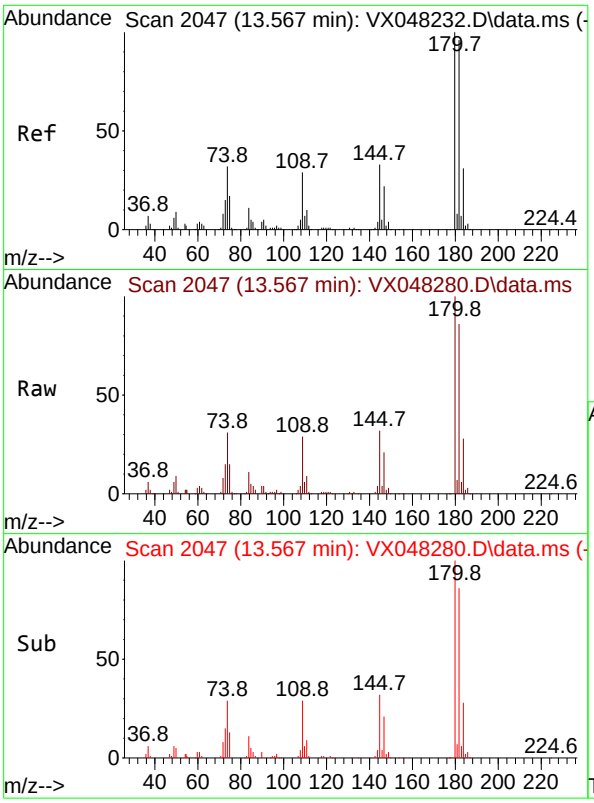




#92
1,2-Dibromo-3-Chloropropane
Concen: 51.071 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 15838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.0 | 42.8 | 128.4 |
| 157 | 102.4 | 54.2 | 162.6 |



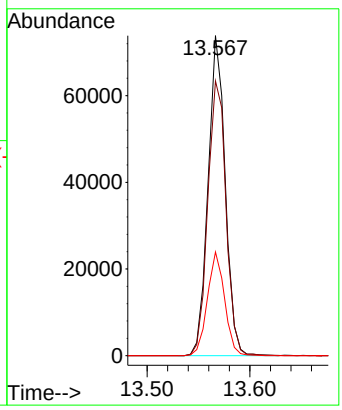


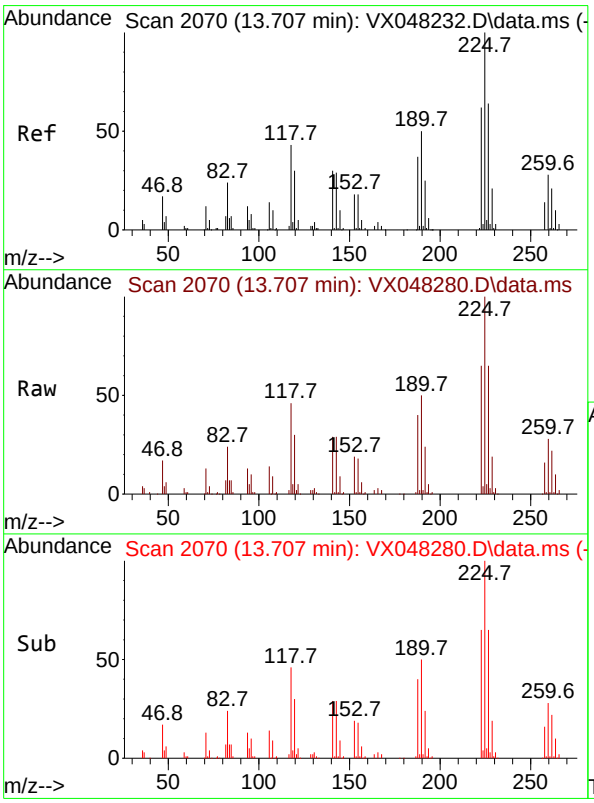

#93
1,2,4-Trichlorobenzene
Concen: 51.009 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:180 Resp: 85647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.2 | 47.3 | 142.0 |
| 145 | 32.5 | 16.3 | 48.9 |

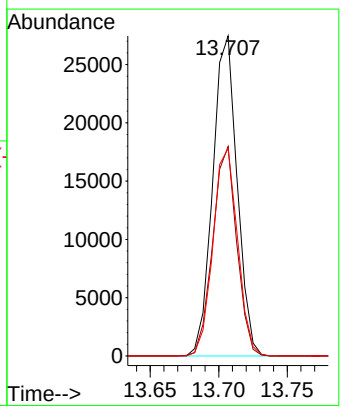


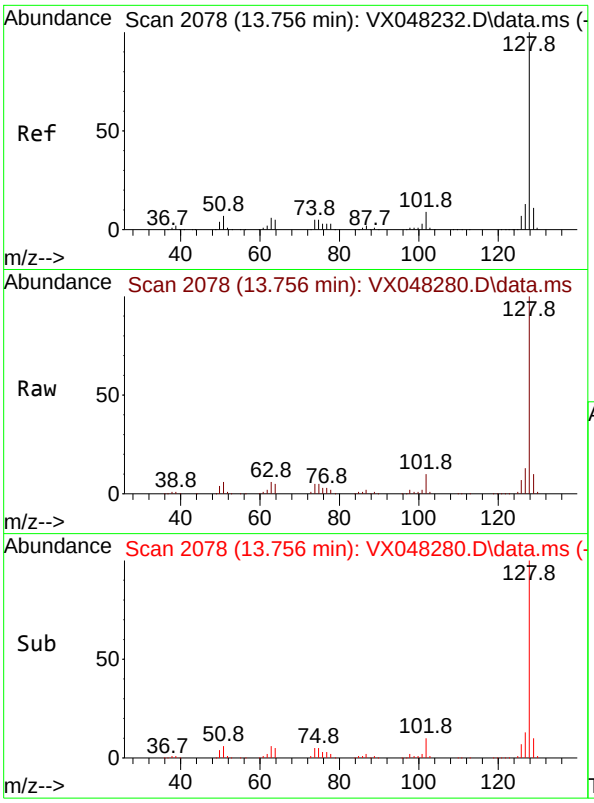




#94
Hexachlorobutadiene
Concen: 54.034 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:225 Resp: 34001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.3 | 32.6 | 97.7 |
| 227 | 65.2 | 32.5 | 97.4 |



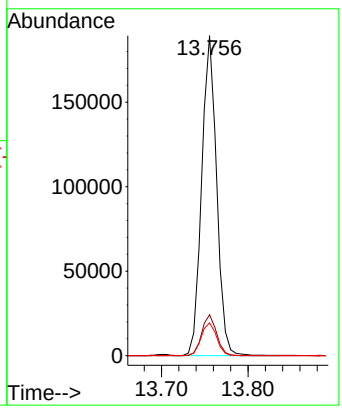


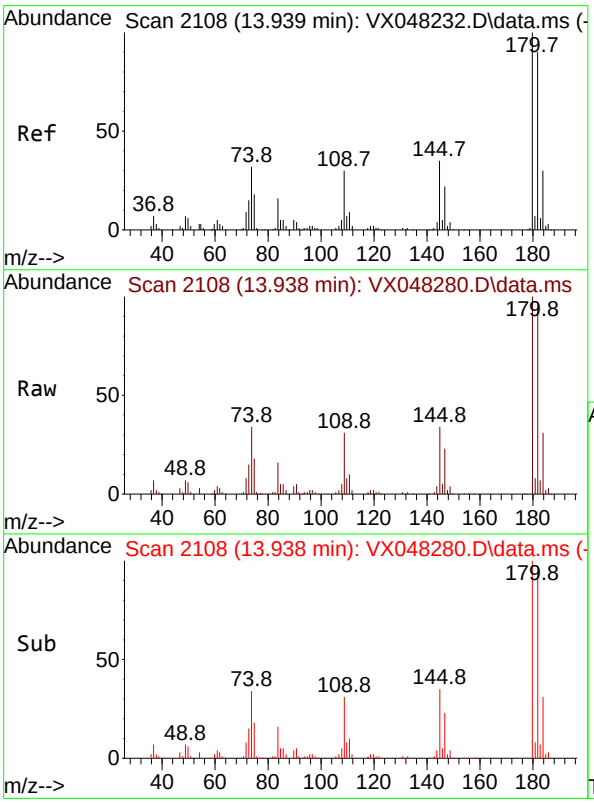

#95
Naphthalene
Concen: 51.017 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:128 Resp: 226945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.7 | 10.2 | 15.4 |
| 129 | 10.6 | 8.6 | 12.8 |

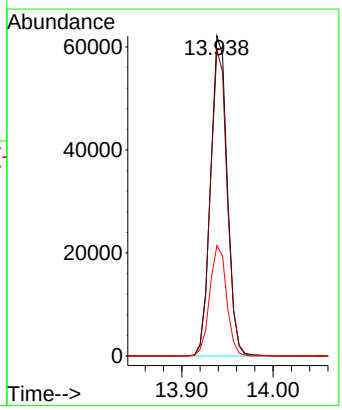



#96
1,2,3-Trichlorobenzene
Concen: 51.255 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:180 Resp: 78971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 46.6 | 139.7 |
| 145 | 34.7 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.538 | 168 | 115938 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 185153 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 172449 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 91086 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 81572 | 50.182 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 100.360% | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 64382 | 50.934 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 101.860% | | | |
| 50) Toluene-d8 | 8.629 | 98 | 224820 | 50.743 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 101.480% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 88327 | 52.404 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 104.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 22868 | 19.187 | ug/l | 95 |
| 3) Chloromethane | 1.301 | 50 | 18787 | 16.887 | ug/l | 97 |
| 4) Vinyl Chloride | 1.380 | 62 | 16907 | 16.412 | ug/l | 100 |
| 5) Bromomethane | 1.618 | 94 | 12759 | 18.250 | ug/l | 92 |
| 6) Chloroethane | 1.697 | 64 | 10602 | 17.514 | ug/l | 94 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 36946 | 18.700 | ug/l | 98 |
| 8) Diethyl Ether | 2.130 | 74 | 9583 | 17.238 | ug/l | 81 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 22281 | 17.809 | ug/l | 93 |
| 10) Methyl Iodide | 2.453 | 142 | 29719 | 18.895 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.934 | 59 | 13125 | 81.322 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 22236 | 18.268 | ug/l | 89 |
| 13) Acrolein | 2.233 | 56 | 18404 | 111.807 | ug/l | 100 |
| 14) Allyl chloride | 2.666 | 41 | 34300 | 16.973 | ug/l | 94 |
| 15) Acrylonitrile | 3.056 | 53 | 51470 | 88.440 | ug/l | 98 |
| 16) Acetone | 2.374 | 43 | 49714 | 89.149 | ug/l | 94 |
| 17) Carbon Disulfide | 2.514 | 76 | 61537 | 16.041 | ug/l | 98 |
| 18) Methyl Acetate | 2.697 | 43 | 19682 | 16.900 | ug/l # | 90 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 76499 | 18.423 | ug/l | 98 |
| 20) Methylene Chloride | 2.788 | 84 | 25627 | 18.860 | ug/l | 90 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 24665 | 18.448 | ug/l | 97 |
| 22) Diisopropyl ether | 3.745 | 45 | 74217 | 18.413 | ug/l # | 82 |
| 23) Vinyl Acetate | 3.709 | 43 | 293391 | 91.123 | ug/l | 95 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 44644 | 18.318 | ug/l | 98 |
| 25) 2-Butanone | 4.538 | 43 | 62637 | 88.741 | ug/l | 94 |
| 26) 2,2-Dichloropropane | 4.459 | 77 | 42168 | 19.169 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.477 | 96 | 29422 | 18.855 | ug/l | 97 |
| 28) Bromochloromethane | 4.885 | 49 | 18103 | 17.914 | ug/l # | 80 |
| 29) Tetrahydrofuran | 4.983 | 42 | 35783 | 84.647 | ug/l | 90 |
| 30) Chloroform | 5.074 | 83 | 50484 | 19.388 | ug/l | 96 |
| 31) Cyclohexane | 5.452 | 56 | 36067 | 17.875 | ug/l | 89 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 45607 | 19.005 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.678 | 75 | 32884 | 18.304 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 25793 | 17.321 | ug/l | 96 |
| 38) Carbon Tetrachloride | 5.660 | 117 | 41818 | 18.866 | ug/l | 97 |
| 39) Methylcyclohexane | 7.367 | 83 | 37971 | 17.896 | ug/l | 93 |
| 40) Benzene | 6.019 | 78 | 98700 | 18.922 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.904 | 41 | 13641 | 17.443 | ug/l | | 95 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 39202 | 20.367 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.318 | 43 | 43873 | 17.936 | ug/l | | 97 |
| 44) Trichloroethene | 7.111 | 130 | 26617 | 19.325 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 23590 | 19.022 | ug/l | | 93 |
| 46) Dibromomethane | 7.568 | 93 | 18429 | 19.074 | ug/l | | 92 |
| 47) Bromodichloromethane | 7.799 | 83 | 40507 | 19.417 | ug/l | | 96 |
| 48) Methyl methacrylate | 7.677 | 41 | 21757 | 17.627 | ug/l | | 93 |
| 49) 1,4-Dioxane | 7.641 | 88 | 5789 | 355.001 | ug/l | | 91 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 128509 | 91.119 | ug/l | | 96 |
| 52) Toluene | 8.702 | 92 | 64846 | 19.569 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 39352 | 19.575 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 41608 | 19.183 | ug/l | | 95 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 24236 | 19.667 | ug/l | | 96 |
| 56) Ethyl methacrylate | 9.098 | 69 | 32337 | 17.941 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 40790 | 19.378 | ug/l | | 97 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 82301 | 86.039 | ug/l | | 96 |
| 59) 2-Hexanone | 9.415 | 43 | 91212 | 92.750 | ug/l | | 95 |
| 60) Dibromochloromethane | 9.500 | 129 | 32118 | 19.391 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 25567 | 19.461 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.256 | 164 | 23106 | 17.948 | ug/l | | 96 |
| 65) Chlorobenzene | 10.061 | 112 | 74866 | 19.299 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 27221 | 19.105 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 123704 | 18.730 | ug/l | | 95 |
| 68) m/p-Xylenes | 10.287 | 106 | 96187 | 39.196 | ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 45915 | 19.380 | ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 81400 | 20.178 | ug/l | | 99 |
| 71) Bromoform | 10.781 | 173 | 21486 | 18.867 | ug/l | # | 97 |
| 73) Isopropylbenzene | 10.945 | 105 | 121492 | 18.261 | ug/l | | 98 |
| 74) N-amyl acetate | 10.823 | 43 | 39294 | 16.651 | ug/l | | 94 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 32943 | 18.132 | ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 34874 | 23.610 | ug/l | | 83 |
| 77) Bromobenzene | 11.183 | 156 | 30904 | 18.526 | ug/l | | 91 |
| 78) n-propylbenzene | 11.287 | 91 | 142548 | 18.506 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 87720 | 18.783 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 102516 | 18.620 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 10045 | 16.545 | ug/l | | 92 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 104284 | 18.810 | ug/l | | 97 |
| 83) tert-Butylbenzene | 11.695 | 119 | 105858 | 18.713 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 105149 | 19.137 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 122676 | 18.025 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 107570 | 18.286 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 58833 | 18.708 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 60010 | 18.420 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.317 | 91 | 93913 | 17.540 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 20129 | 17.328 | ug/l | | 91 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 55576 | 18.823 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 6490 | 17.598 | ug/l | | 95 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 35339 | 17.699 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 13881 | 18.594 | ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 96835 | 18.305 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 33930 | 18.518 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

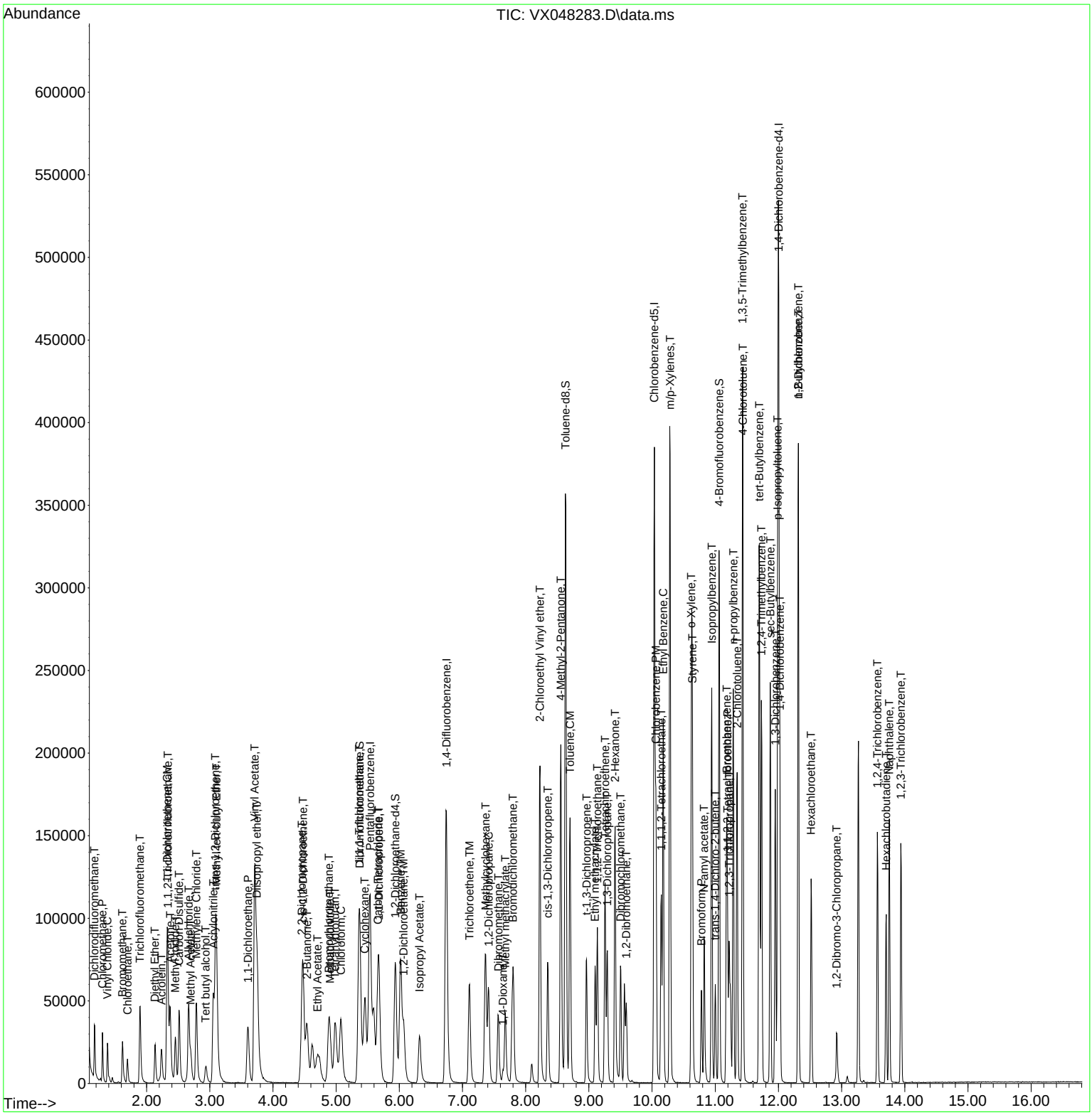
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

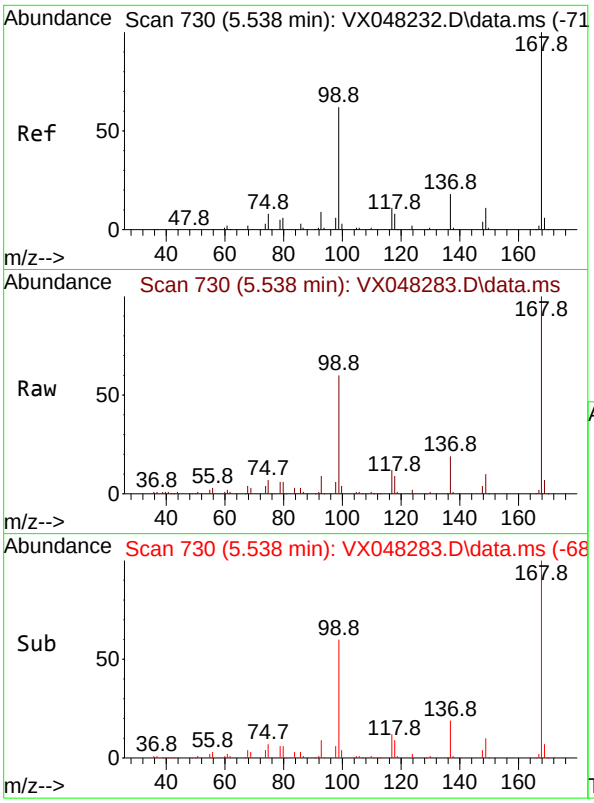
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



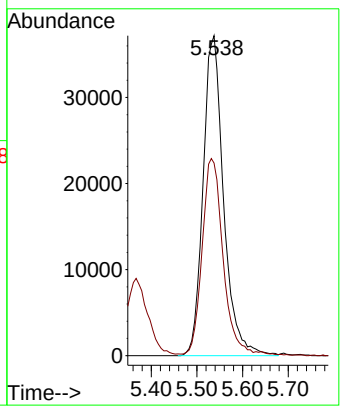


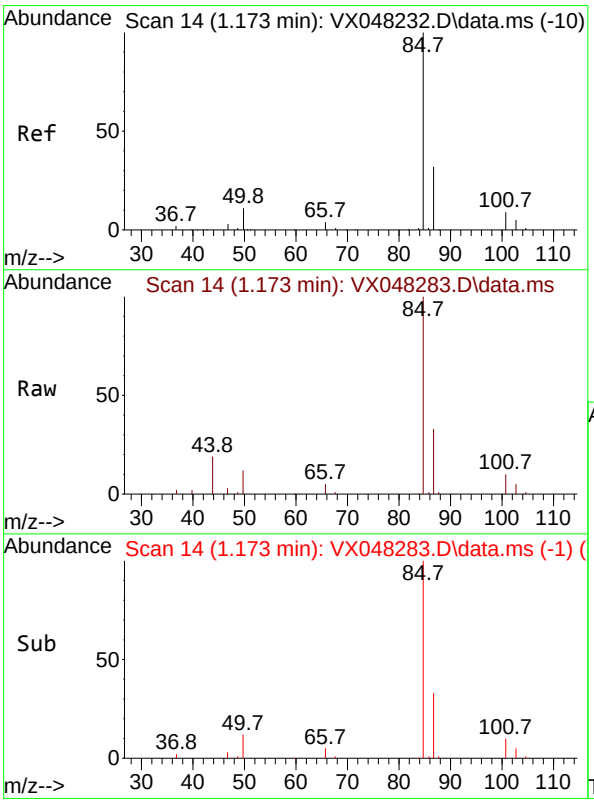

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:168 Resp: 115938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.8 | 46.4 | 69.6 |

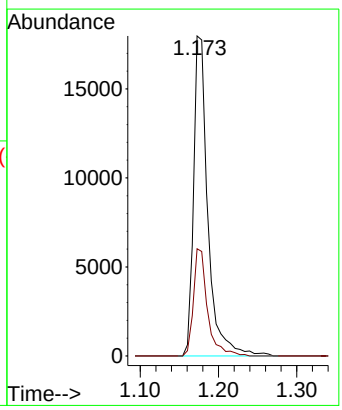


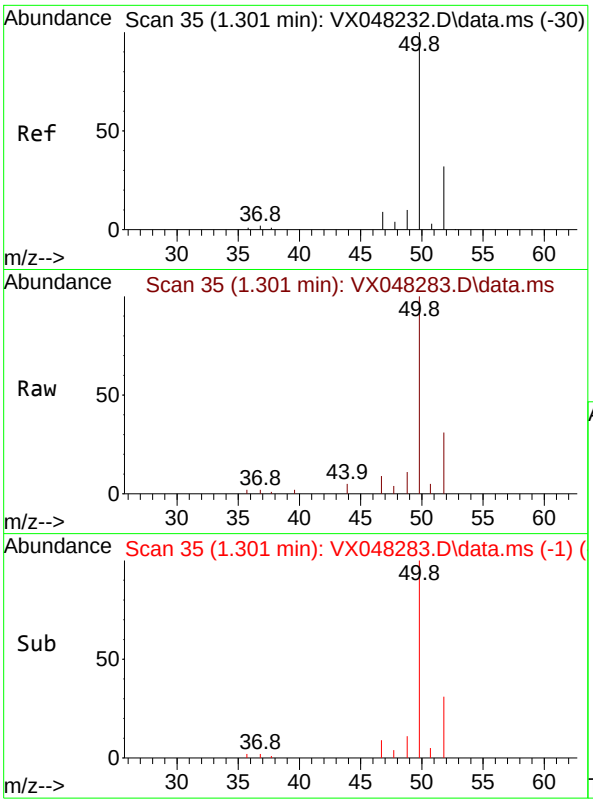




#2
Dichlorodifluoromethane
Concen: 19.187 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 85 Resp: 22868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.5 | 15.3 | 45.9 |



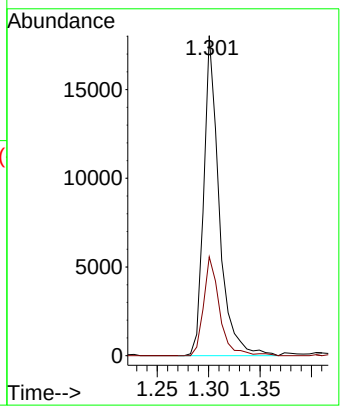


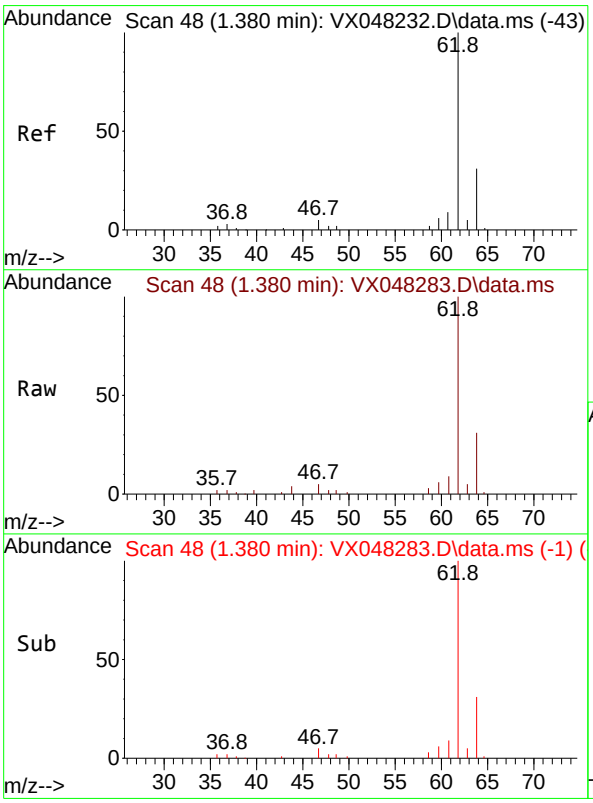

#3
Chloromethane
Concen: 16.887 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 50 Resp: 18787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.9 | 25.9 | 38.9 |

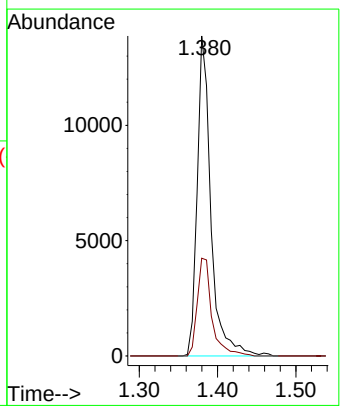


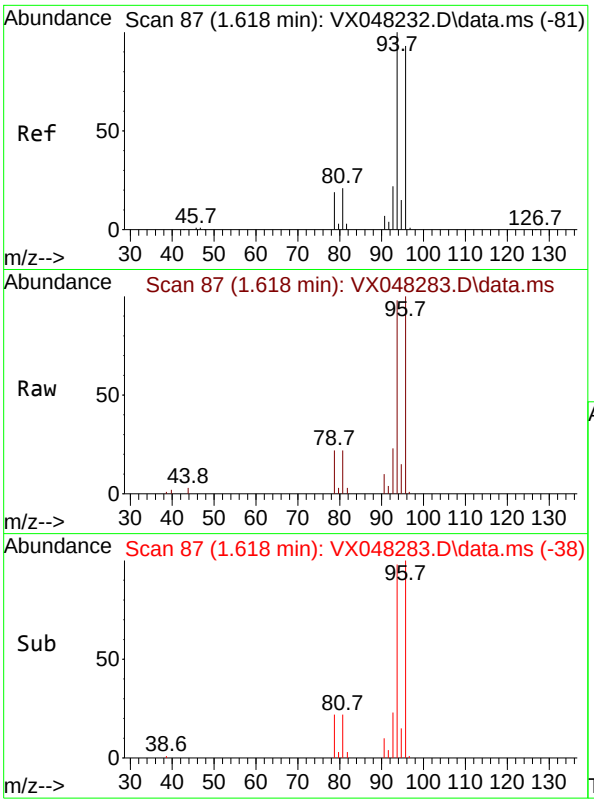




#4
Vinyl Chloride
Concen: 16.412 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 62 Resp: 16907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.5 | 25.1 | 37.7 |



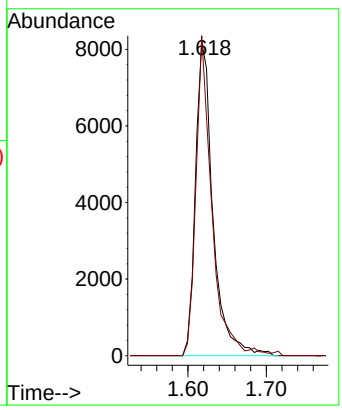


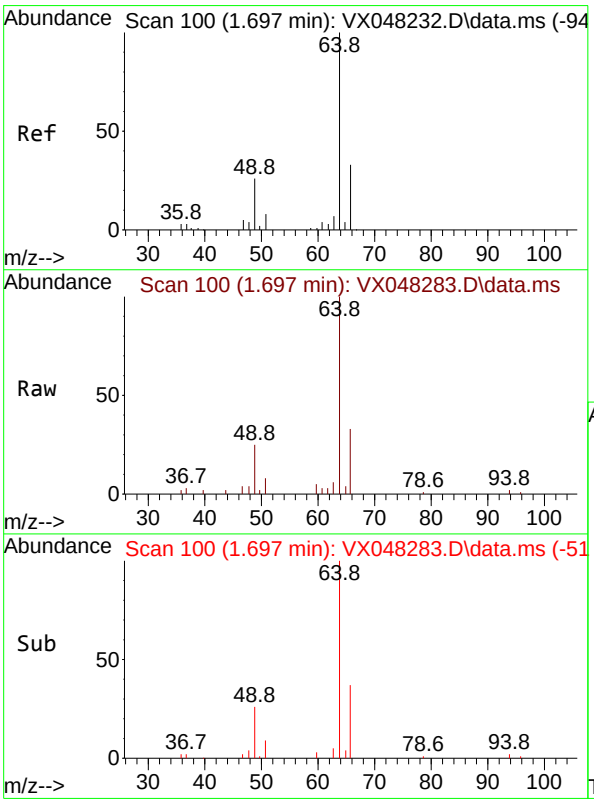

#5
Bromomethane
Concen: 18.250 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 94 Resp: 12759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 103.2 | 76.0 | 114.0 |

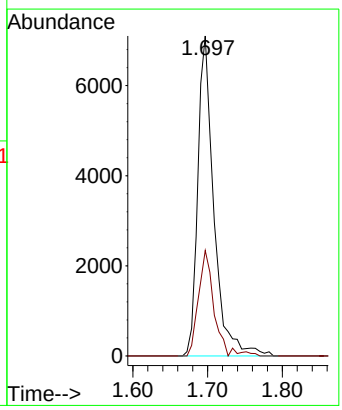


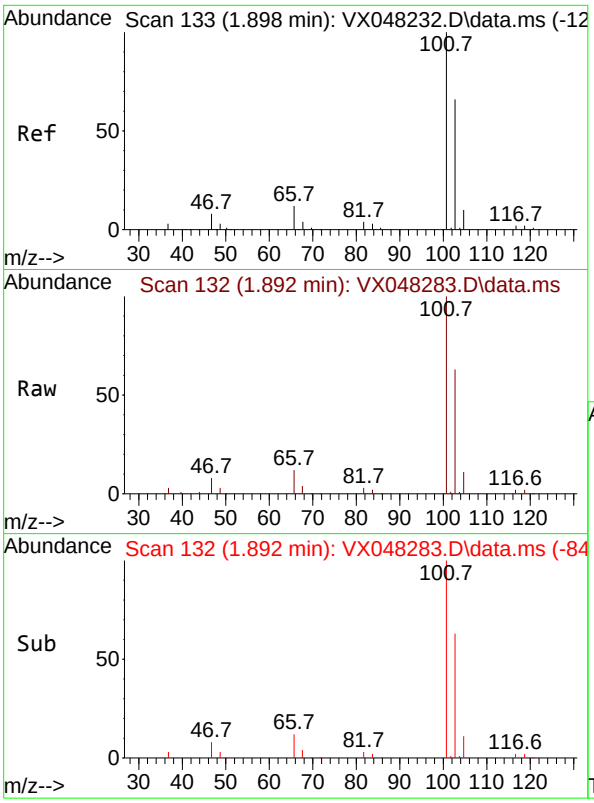




#6
Chloroethane
Concen: 17.514 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 64 Resp: 10602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.9 | 23.9 | 35.9 |



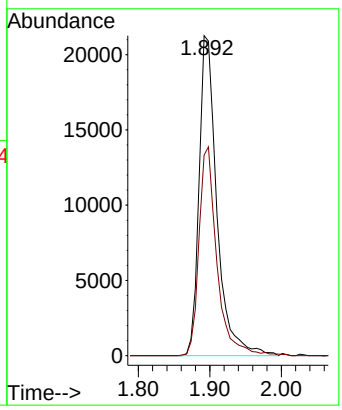


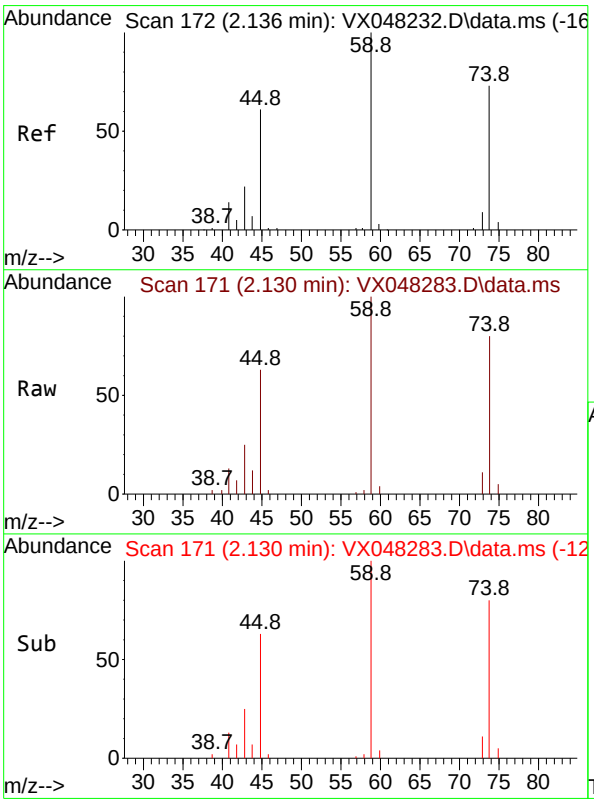

#7
Trichlorofluoromethane
Concen: 18.700 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:101 Resp: 36946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.7 | 51.6 | 77.4 |

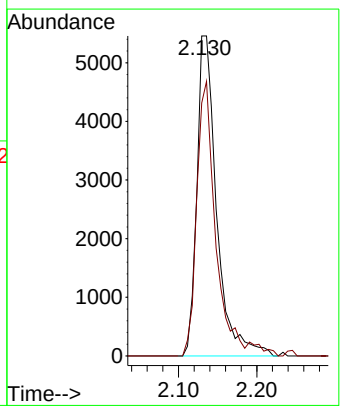


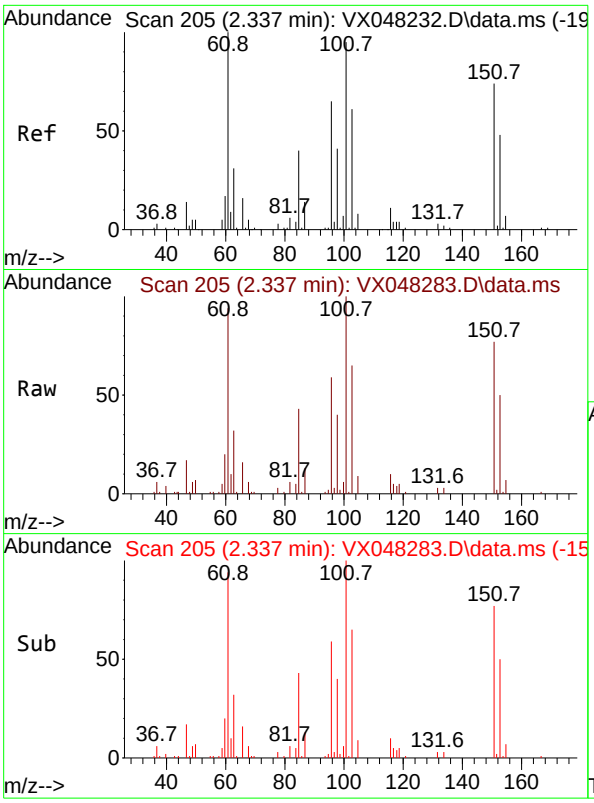




#8
Diethyl Ether
Concen: 17.238 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 74 Resp: 9583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 80.5 | 50.0 | 149.8 |



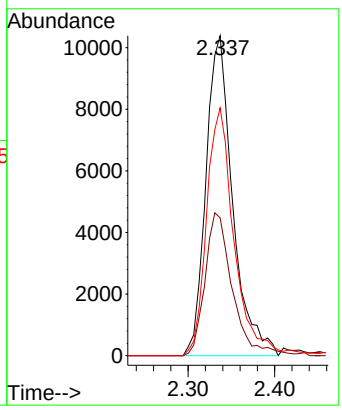


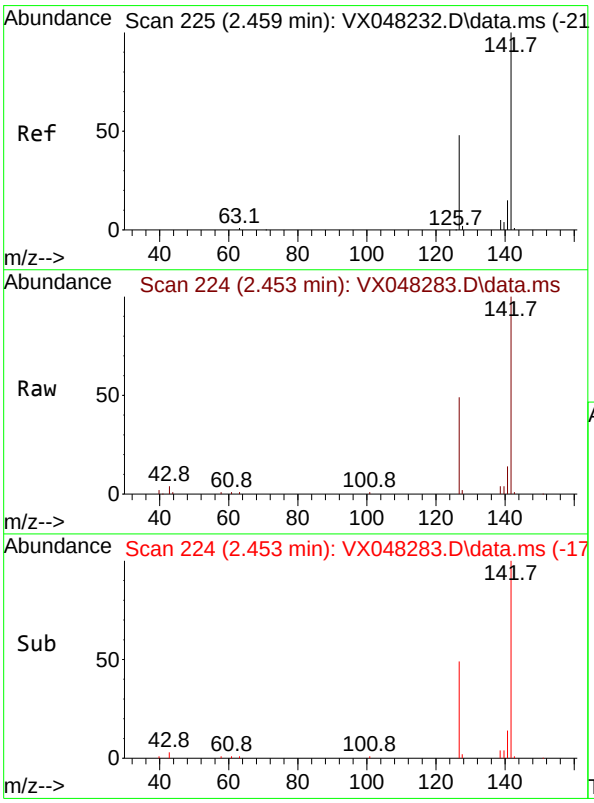

#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.809 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:101 Resp: 22281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.7 | 35.6 | 53.4 |
| 151 | 80.6 | 58.0 | 87.0 |

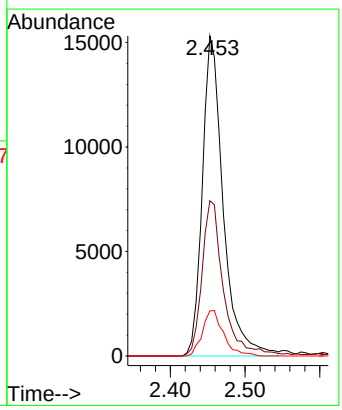


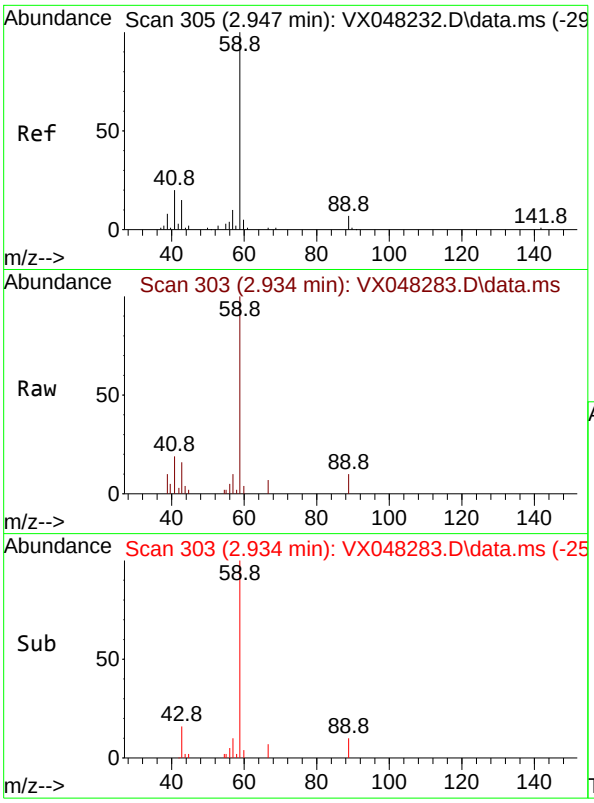




#10
Methyl Iodide
Concen: 18.895 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:142 Resp: 29719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 50.1 | 38.5 | 57.7 |
| 141 | 14.3 | 11.6 | 17.4 |



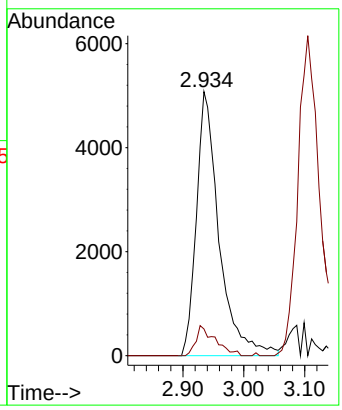


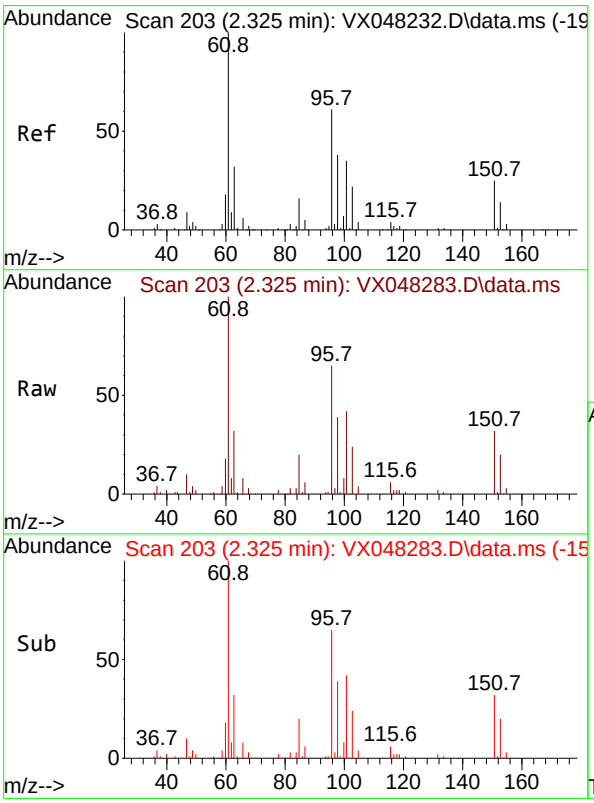

#11
Tert butyl alcohol
Concen: 81.322 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 59 Resp: 13125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.7 | 8.2 | 12.4 |

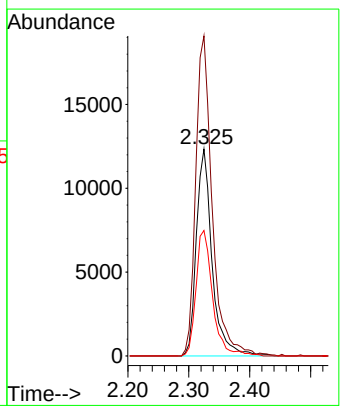


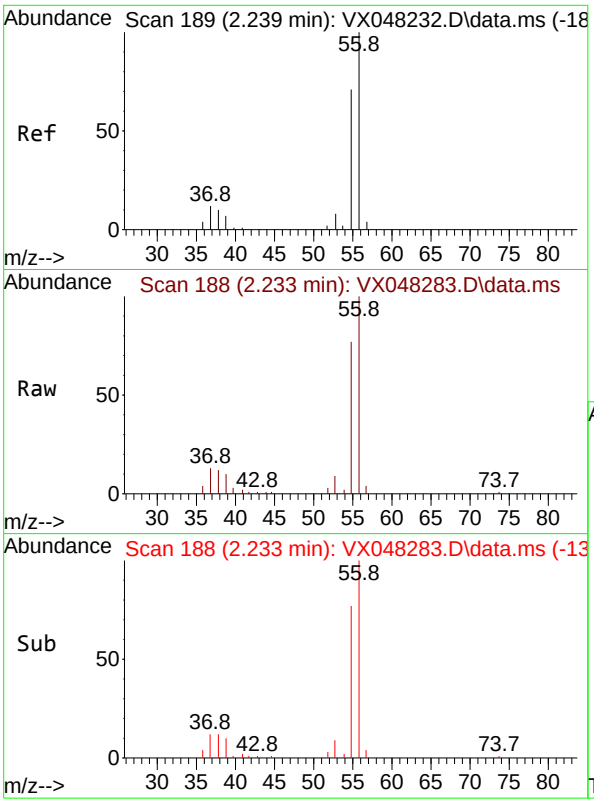




#12
1,1-Dichloroethene
Concen: 18.268 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 96 Resp: 22236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 154.7 | 139.0 | 208.6 |
| 98 | 62.1 | 52.4 | 78.6 |



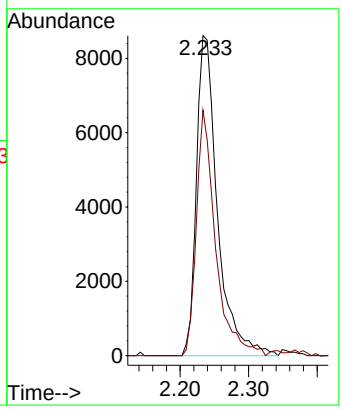


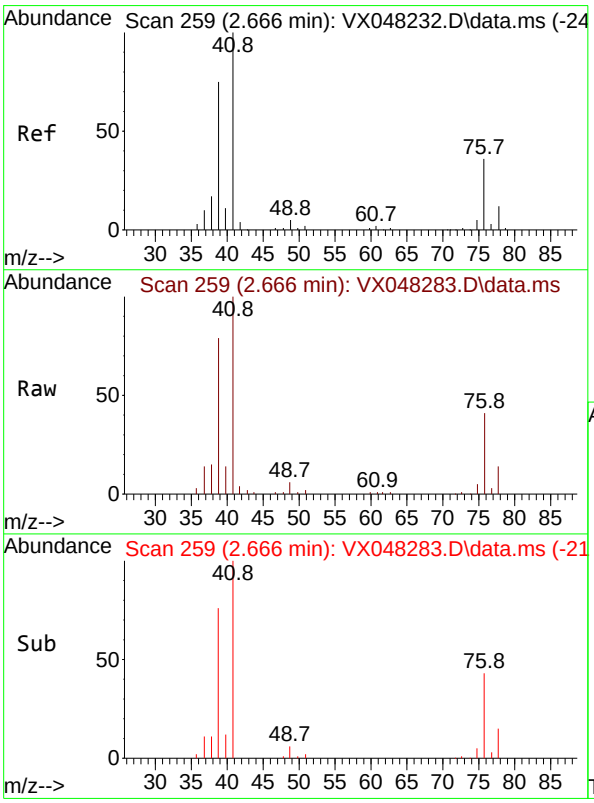

#13
Acrolein
Concen: 111.807 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 56 Resp: 18404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.1 | 56.1 | 84.1 |

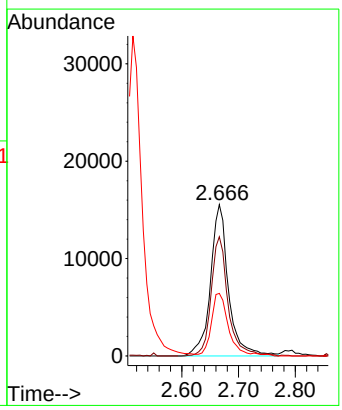


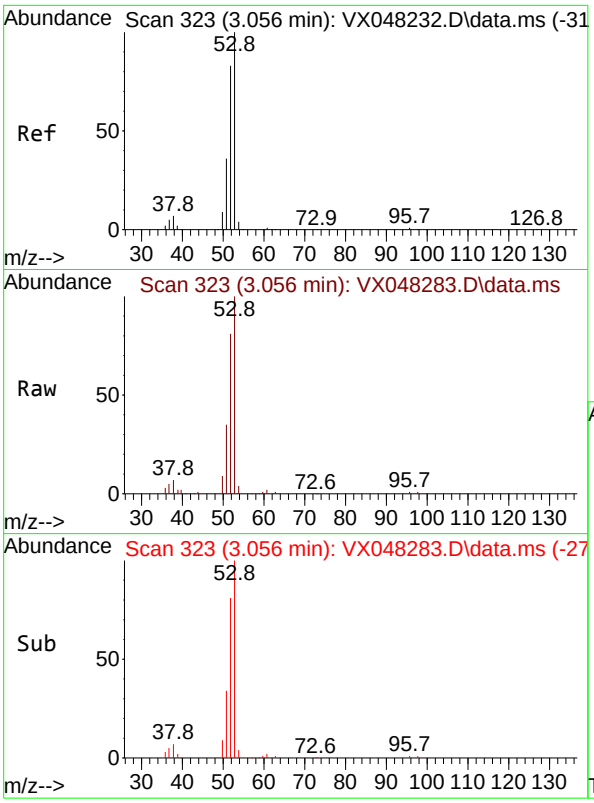




#14
Allyl chloride
Concen: 16.973 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 41 Resp: 34300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 73.8 | 56.0 | 84.0 |
| 76 | 39.9 | 27.5 | 41.3 |



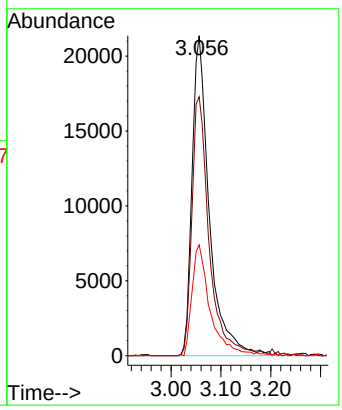


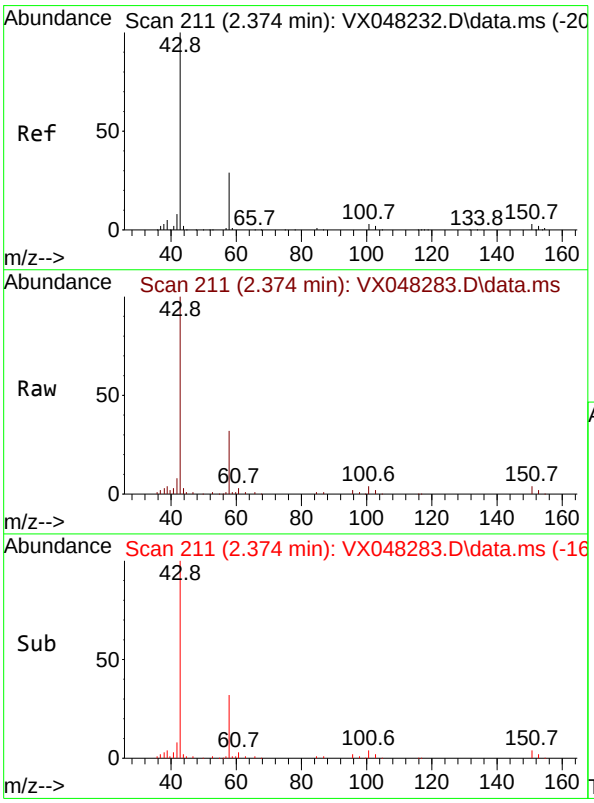

#15
Acrylonitrile
Concen: 88.440 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 53 Resp: 51470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.2 | 66.1 | 99.1 |
| 51 | 36.6 | 29.0 | 43.4 |

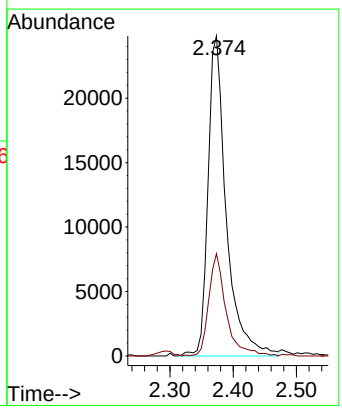


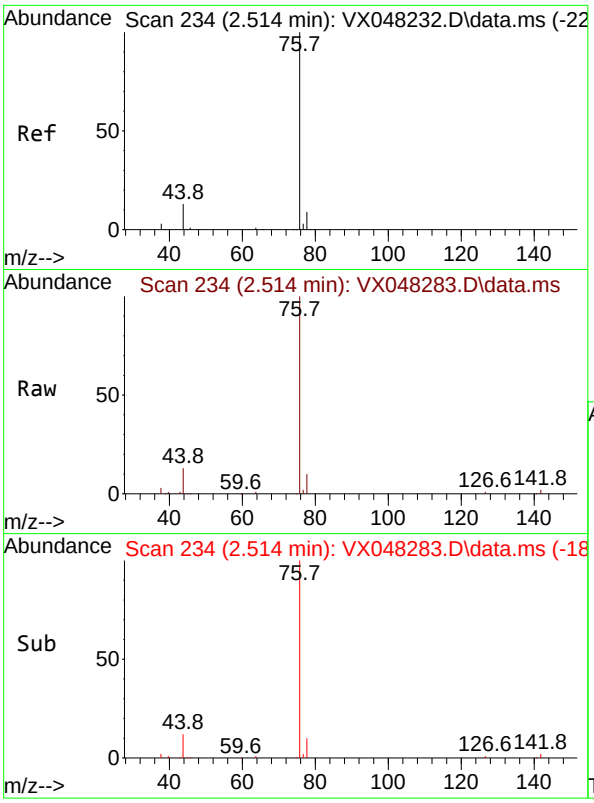




#16
Acetone
Concen: 89.149 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 49714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.3 | 23.4 | 35.2 |



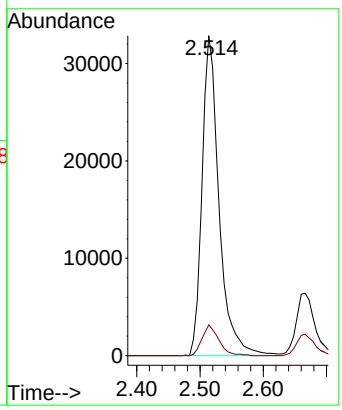


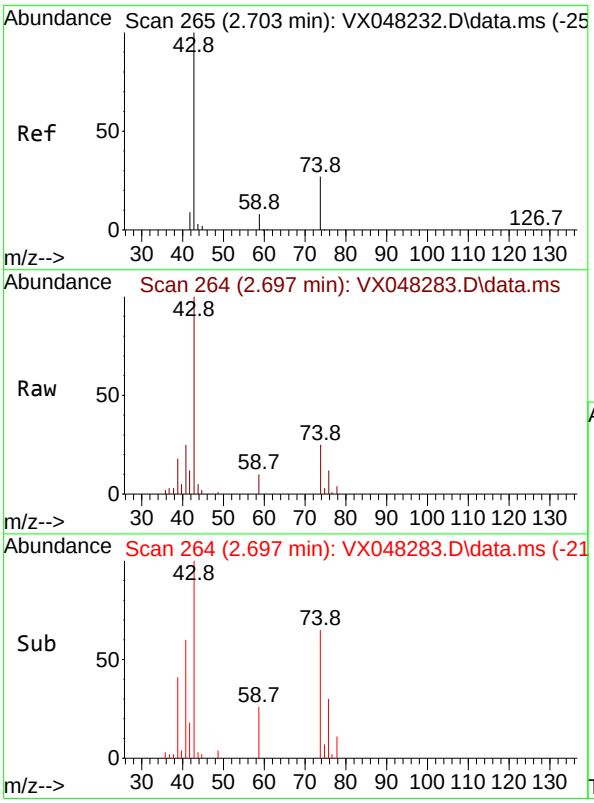

#17
Carbon Disulfide
Concen: 16.041 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 76 Resp: 61537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.7 | 7.1 | 10.7 |

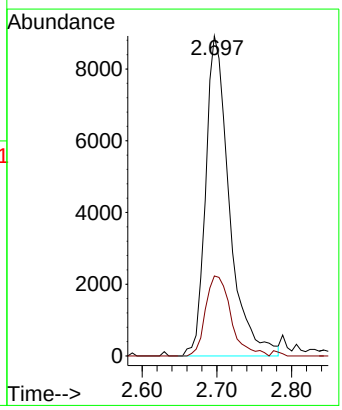


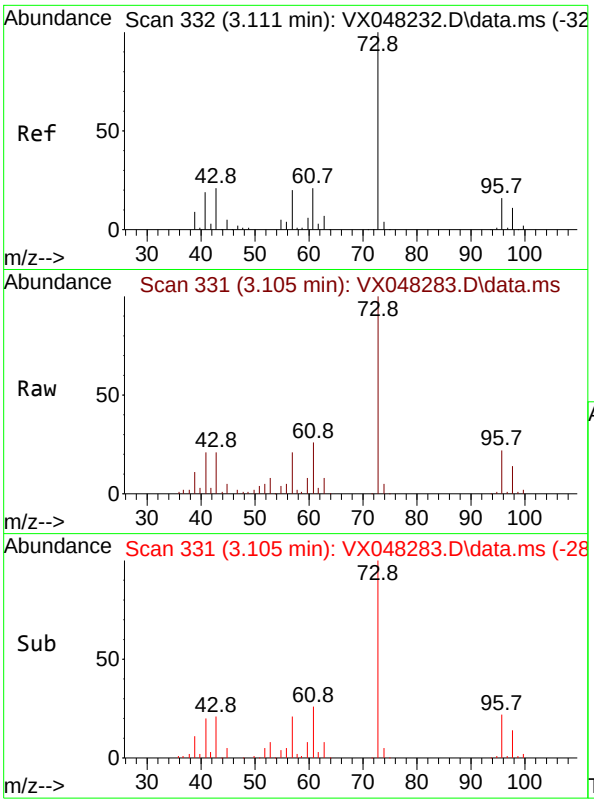




#18
Methyl Acetate
Concen: 16.900 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 19682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.6 | 17.5 | 26.3# |



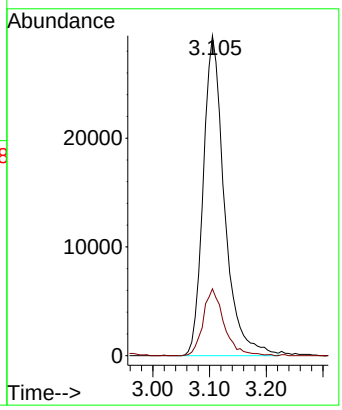


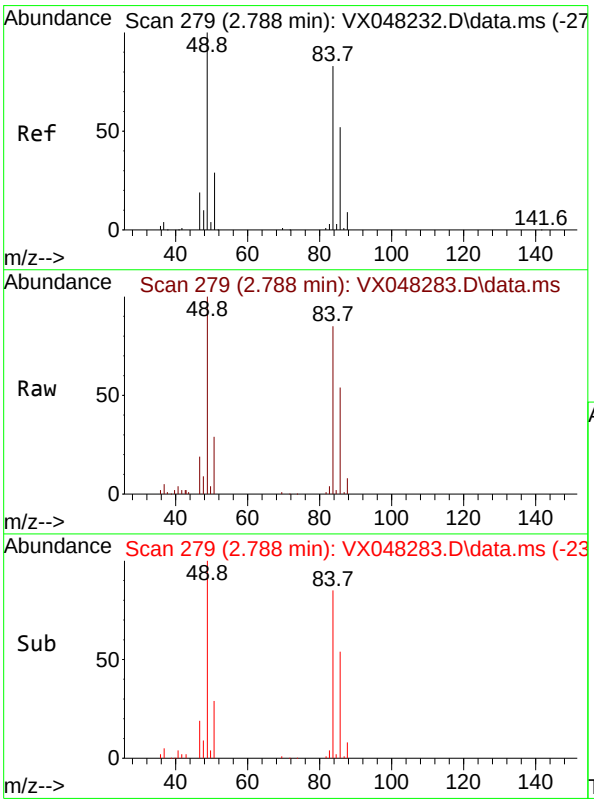

#19
Methyl tert-butyl Ether
Concen: 18.423 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 73 Resp: 76499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.9 | 17.7 | 26.5 |

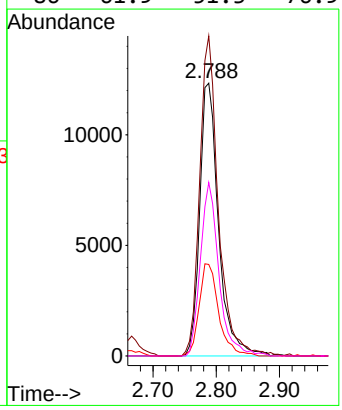


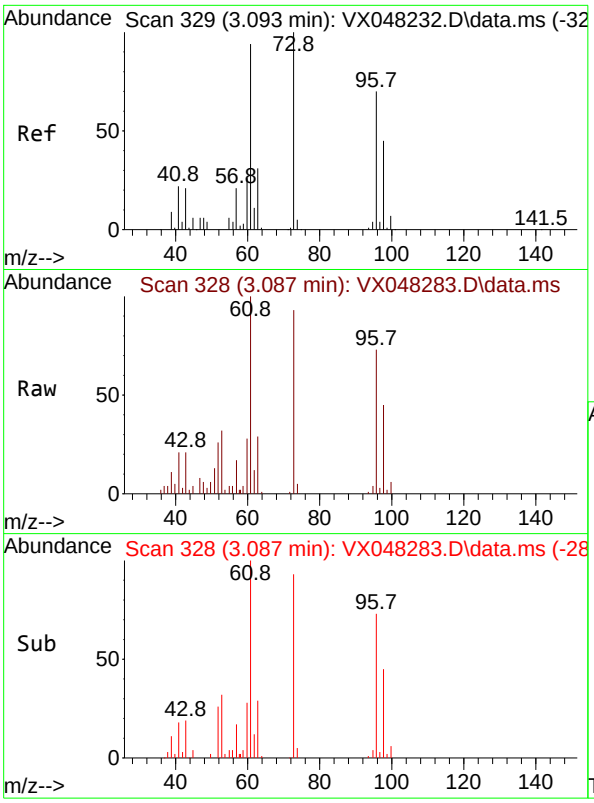




#20
Methylene Chloride
Concen: 18.860 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 84 Resp: 25627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 114.2 | 104.1 | 156.1 |
| 51 | 32.7 | 31.3 | 46.9 |
| 86 | 61.9 | 51.3 | 76.9 |



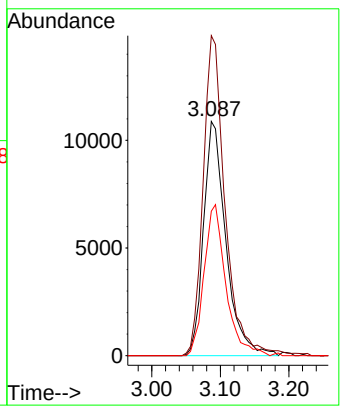


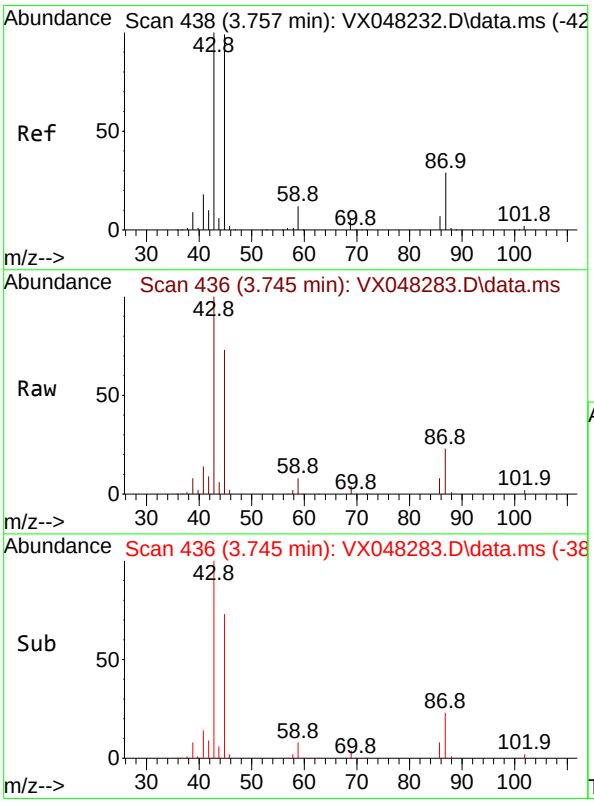

#21
trans-1,2-Dichloroethene
Concen: 18.448 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 96 Resp: 24665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.6 | 111.9 | 167.9 |
| 98 | 61.6 | 51.2 | 76.8 |

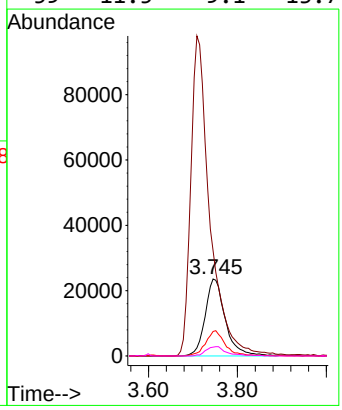


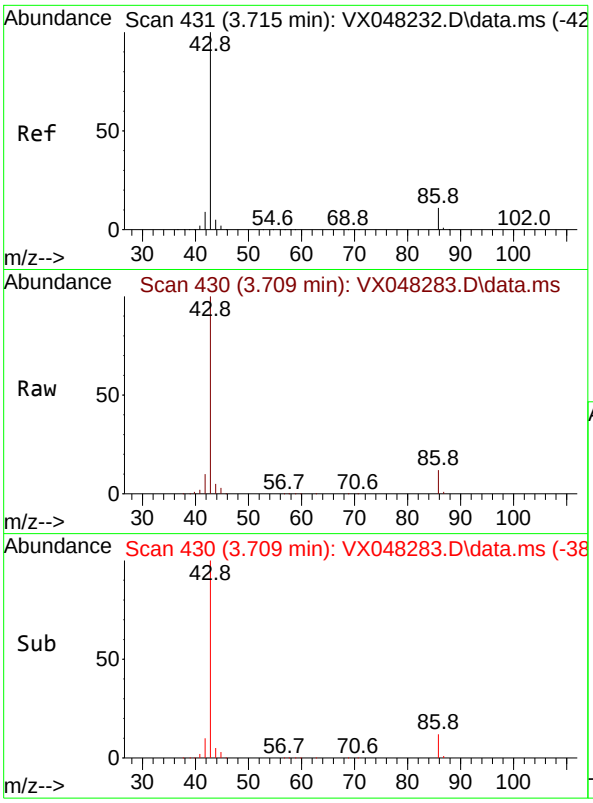




#22
Diisopropyl ether
Concen: 18.413 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 45 Resp: 74217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 135.1 | 89.8 | 134.8# |
| 87 | 31.9 | 20.6 | 31.0# |
| 59 | 11.5 | 9.1 | 13.7 |



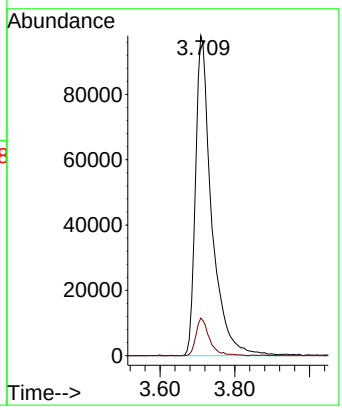


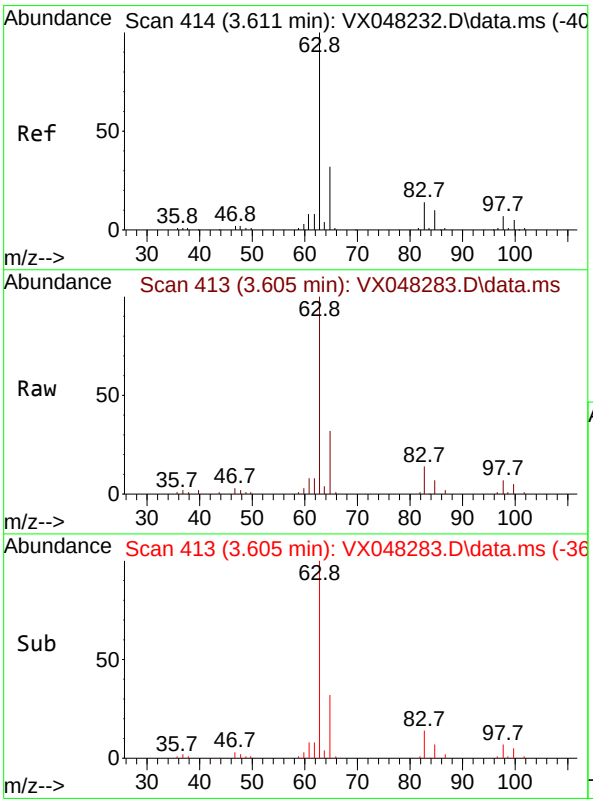

#23
Vinyl Acetate
Concen: 91.123 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 43 Resp: 293391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.7 | 7.9 | 11.9 |

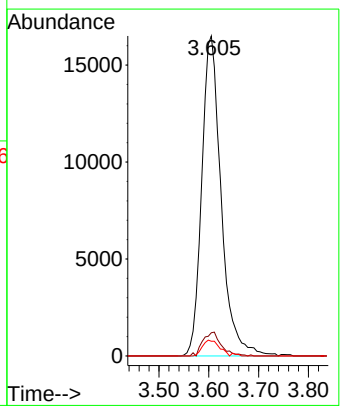


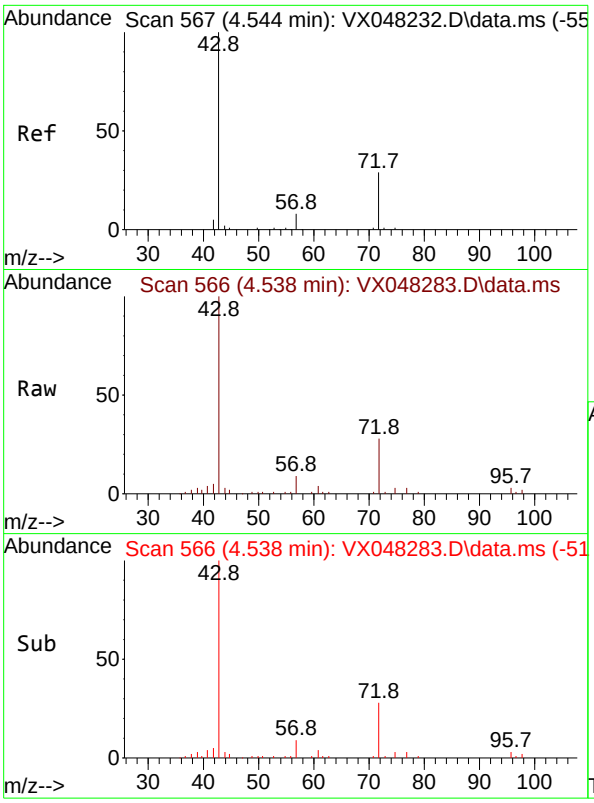




#24
1,1-Dichloroethane
Concen: 18.318 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 63 Resp: 44644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.0 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |



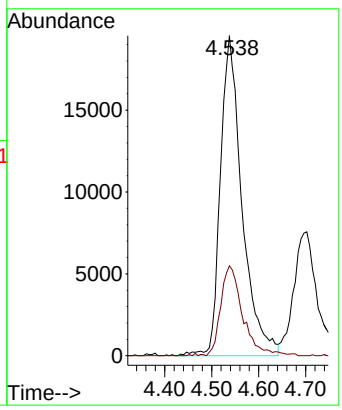


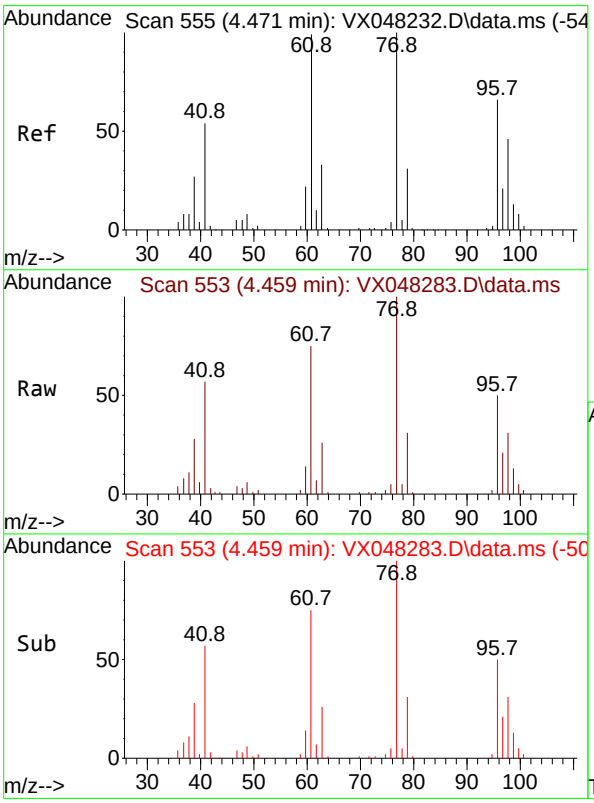

#25
2-Butanone
Concen: 88.741 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 43 Resp: 62637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.1 | 19.9 | 29.9 |

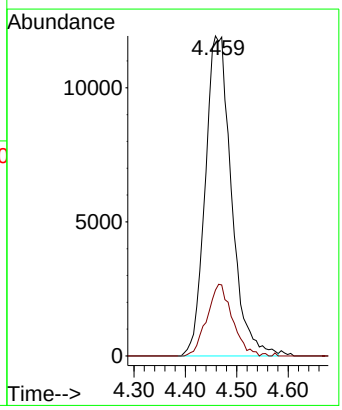


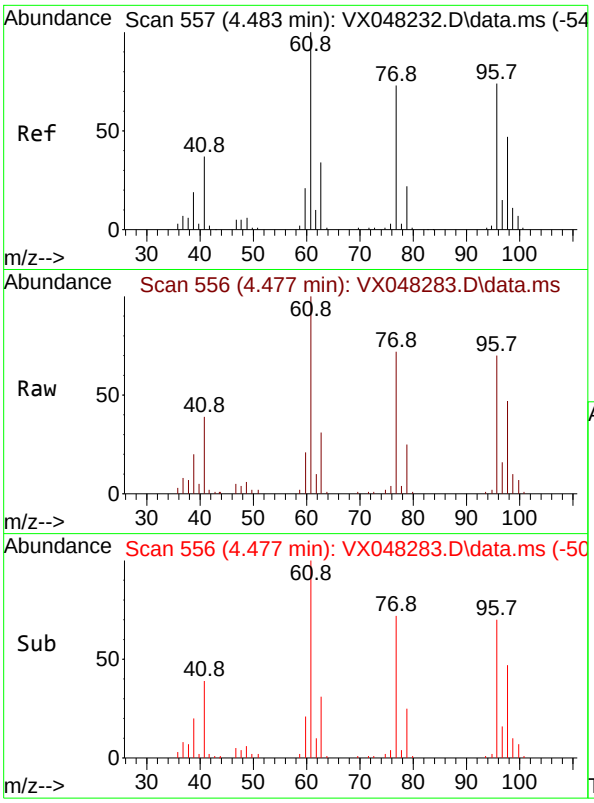




#26
2,2-Dichloropropane
Concen: 19.169 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 77 Resp: 42168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.8 | 11.1 | 33.3 |



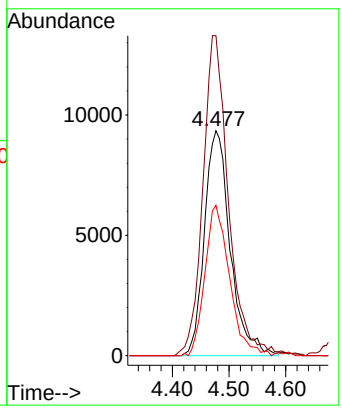


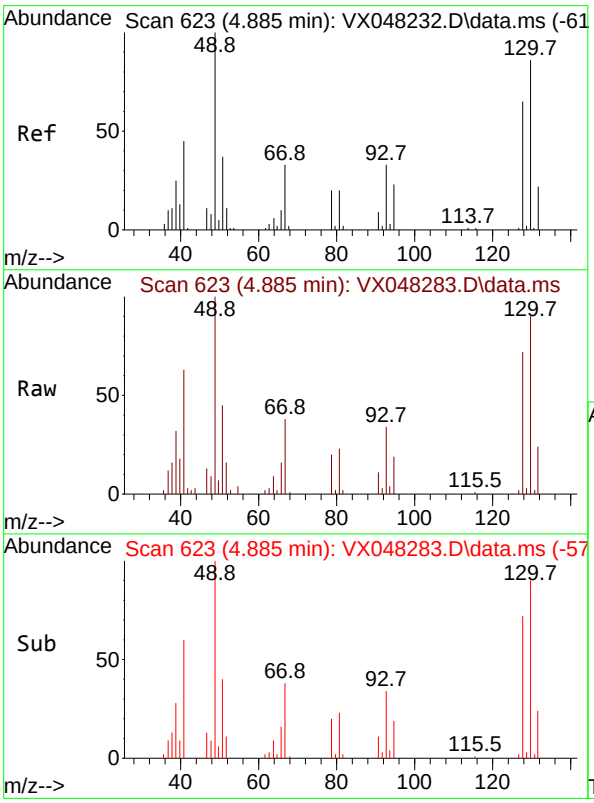

#27
cis-1,2-Dichloroethene
Concen: 18.855 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 96 Resp: 29422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.1 | 0.0 | 294.2 |
| 98 | 64.0 | 0.0 | 128.4 |

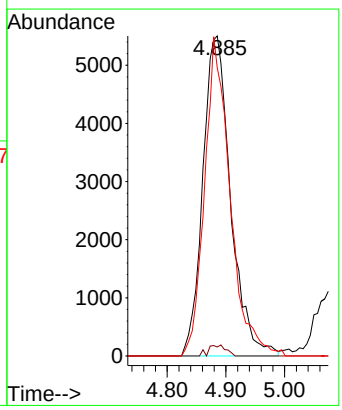


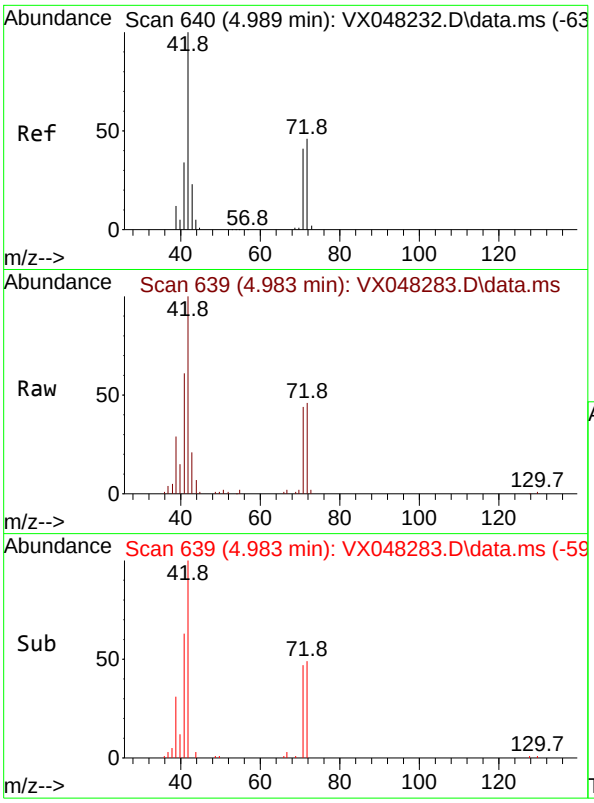




#28
Bromochloromethane
Concen: 17.914 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 49 Resp: 18103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 4.4 |
| 130 | 91.4 | 59.3 | 88.9# |



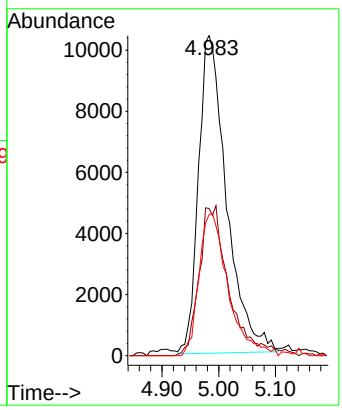


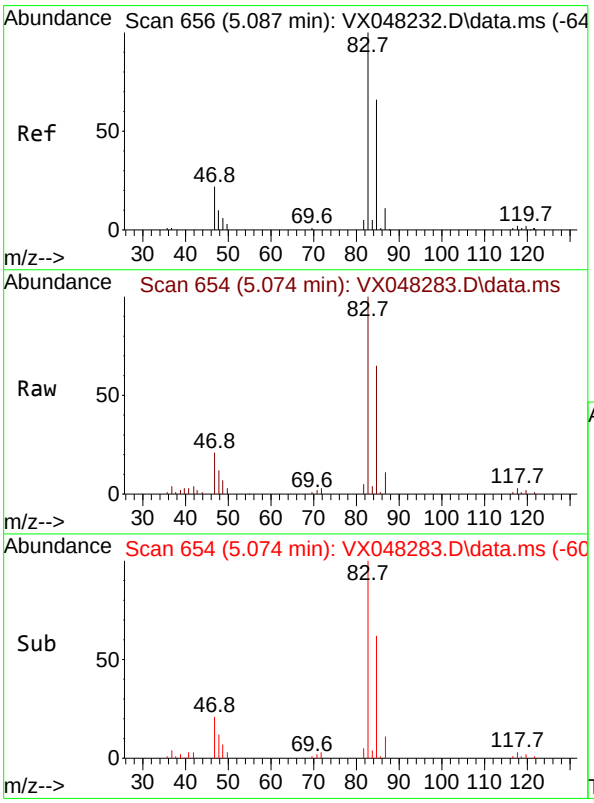

#29
Tetrahydrofuran
Concen: 84.647 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 42 Resp: 35783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 50.3 | 35.3 | 52.9 |
| 71 | 46.3 | 32.2 | 48.4 |

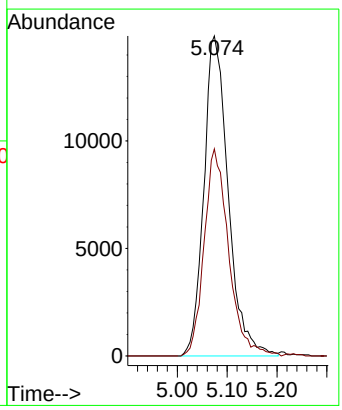


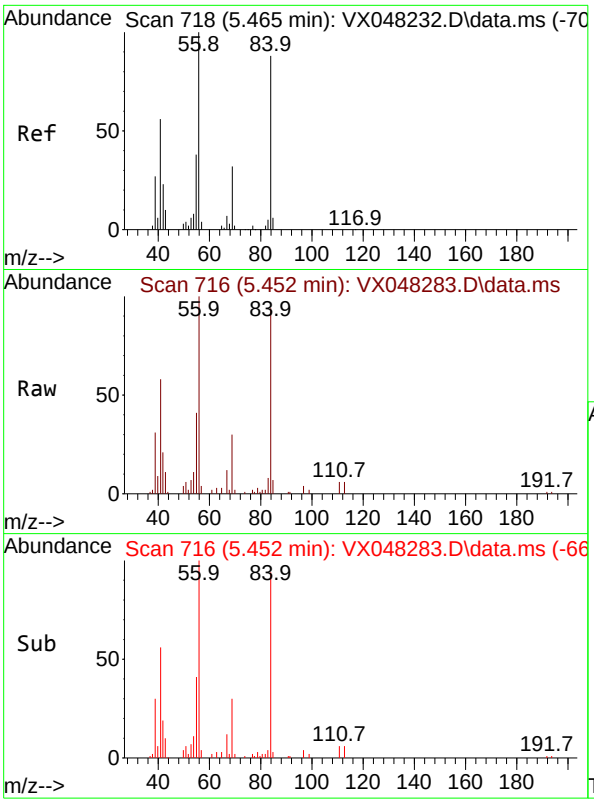




#30
Chloroform
Concen: 19.388 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 83 Resp: 50484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.9 | 50.1 | 75.1 |



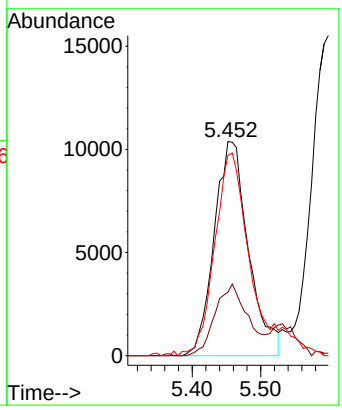


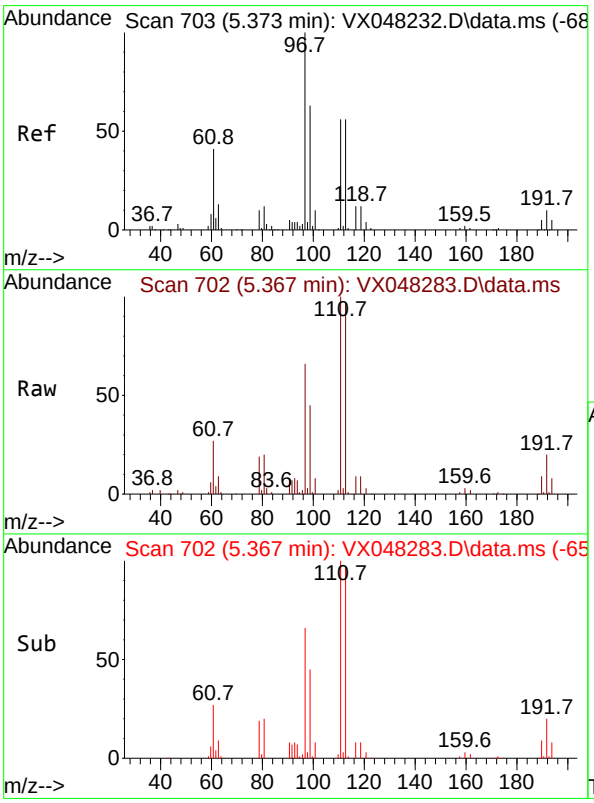

#31
Cyclohexane
Concen: 17.875 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 56 Resp: 36067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.7 | 23.0 | 34.6 |
| 84 | 93.6 | 64.6 | 97.0 |

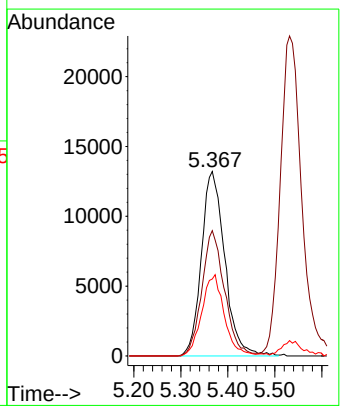


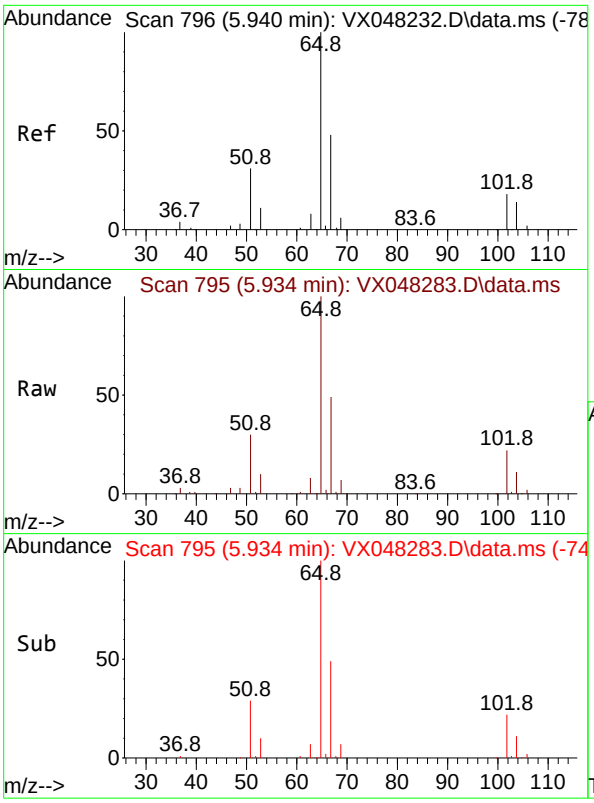




#32
1,1,1-Trichloroethane
Concen: 19.005 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 97 Resp: 45607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.9 | 51.7 | 77.5 |
| 61 | 42.3 | 34.8 | 52.2 |



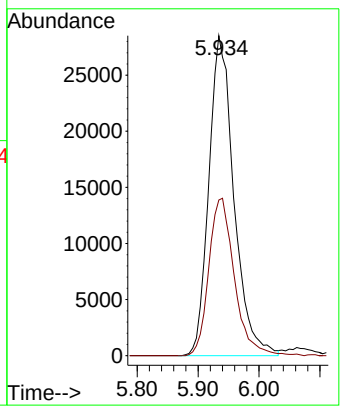


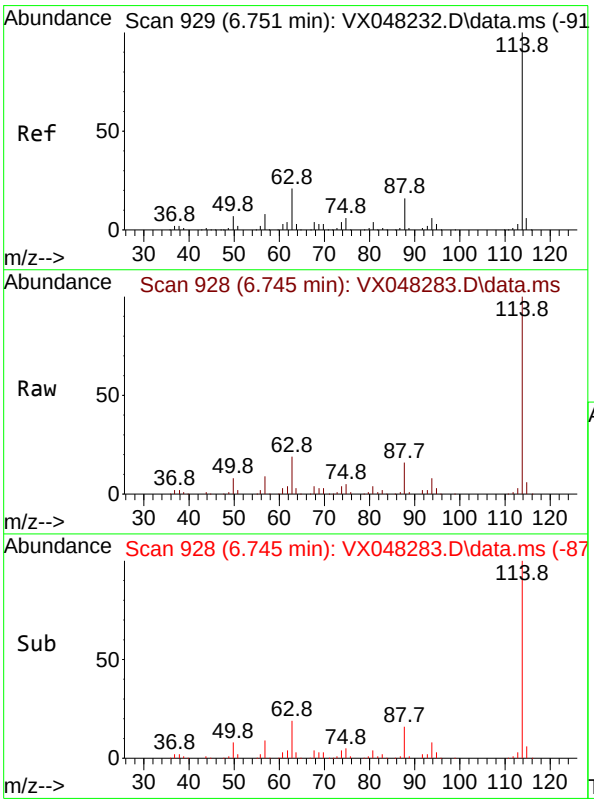

#33
1,2-Dichloroethane-d4
Concen: 50.182 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 65 Resp: 81572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.3 | 0.0 | 105.0 |

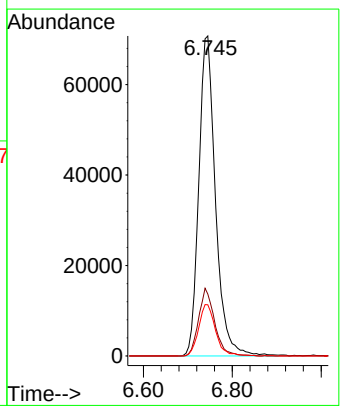


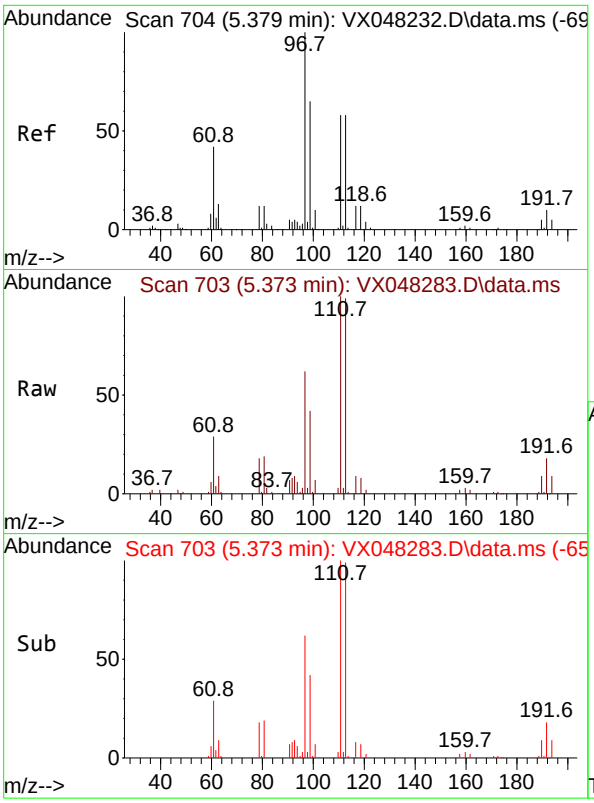




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:114 Resp: 185153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.3 | 0.0 | 43.2 |
| 88 | 16.0 | 0.0 | 33.6 |



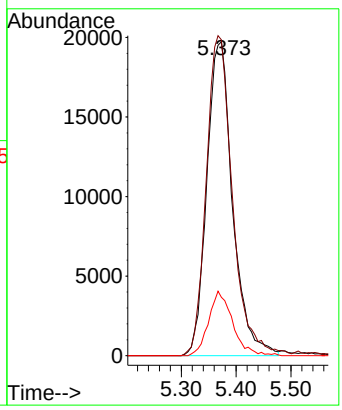


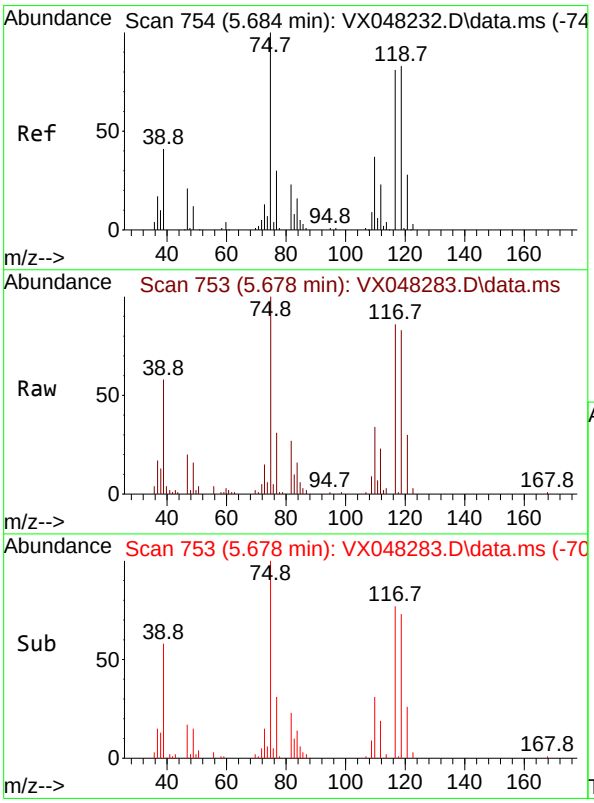

#35
Dibromofluoromethane
Concen: 50.934 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:113 Resp: 64382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 82.2 | 123.4 |
| 192 | 19.3 | 15.1 | 22.7 |

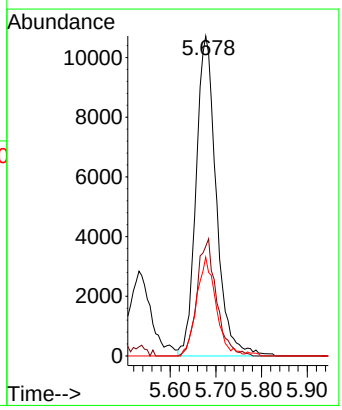


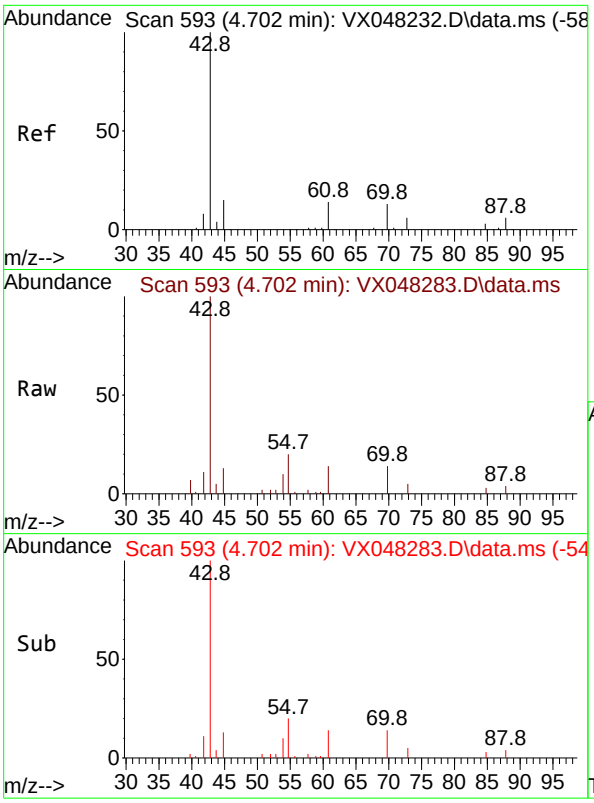




#36
1,1-Dichloropropene
Concen: 18.304 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 32884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.3 | 17.7 | 53.1 |
| 77 | 29.7 | 24.3 | 36.5 |



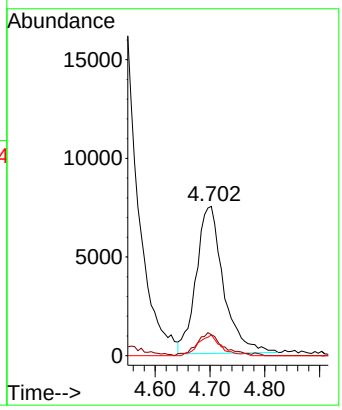


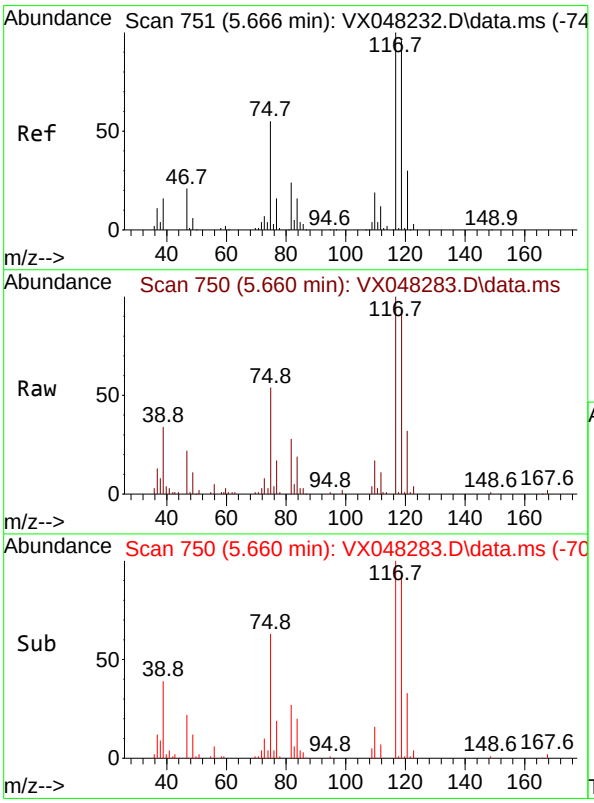

#37
Ethyl Acetate
Concen: 17.321 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 43 Resp: 25793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.5 | 10.6 | 15.8 |
| 70 | 11.6 | 7.8 | 11.6 |

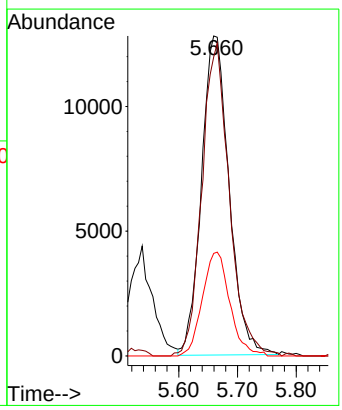


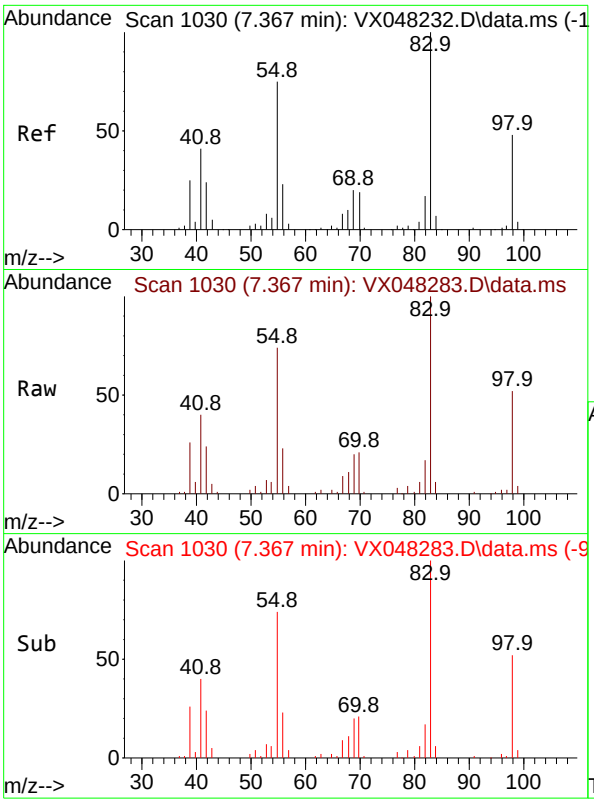




#38
Carbon Tetrachloride
Concen: 18.866 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:117 Resp: 41818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.0 | 77.2 | 115.8 |
| 121 | 32.2 | 24.8 | 37.2 |



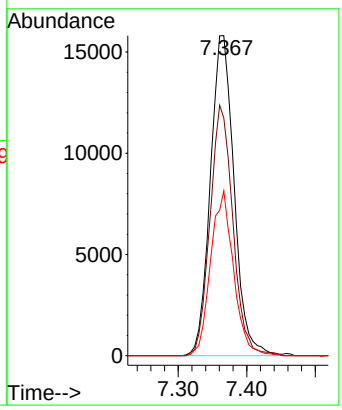


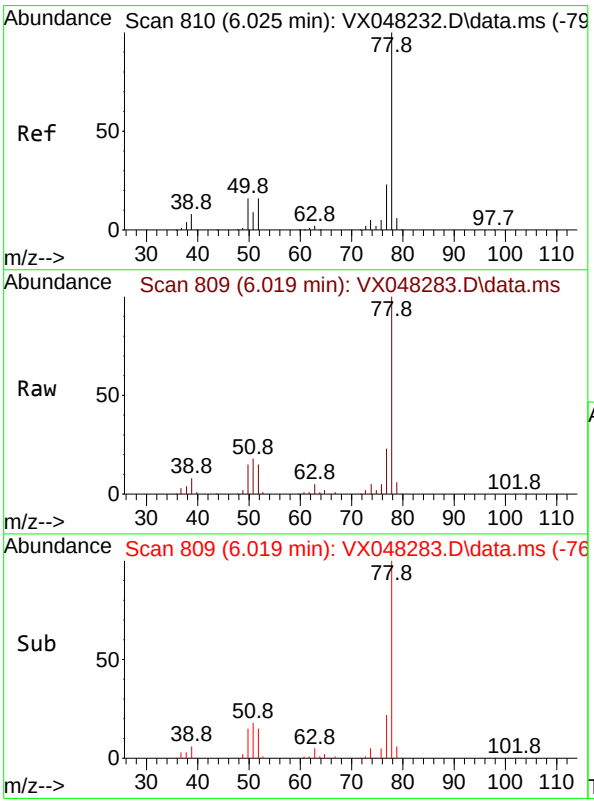

#39
Methylcyclohexane
Concen: 17.896 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 83 Resp: 37971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.3 | 66.2 | 99.2 |
| 98 | 51.5 | 38.9 | 58.3 |

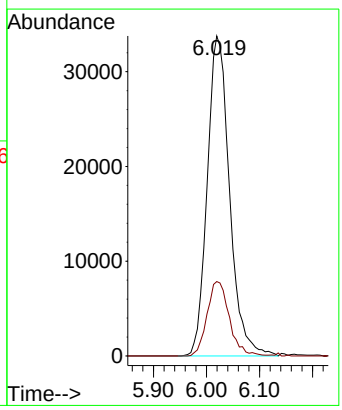


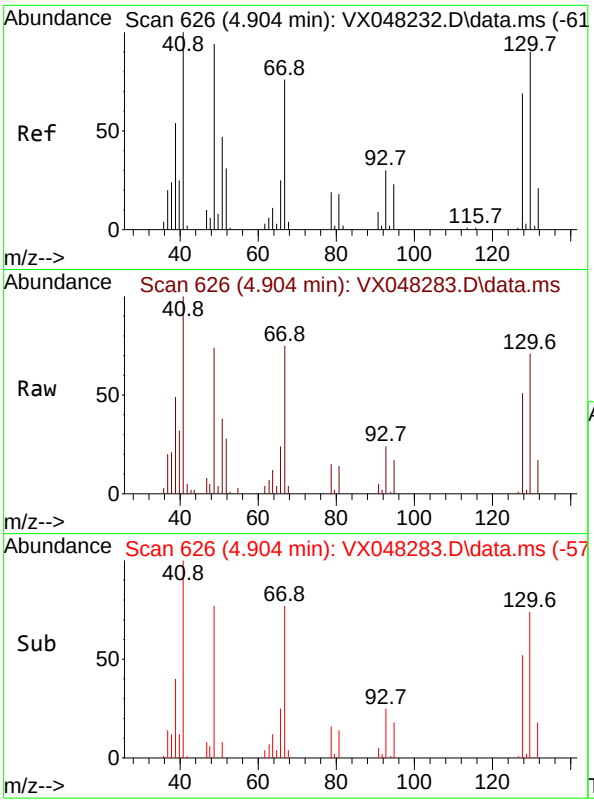




#40
Benzene
Concen: 18.922 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 78 Resp: 98700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.3 | 19.3 | 28.9 |



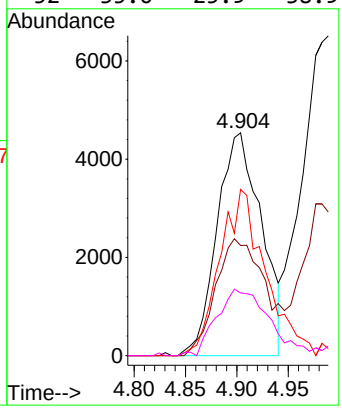


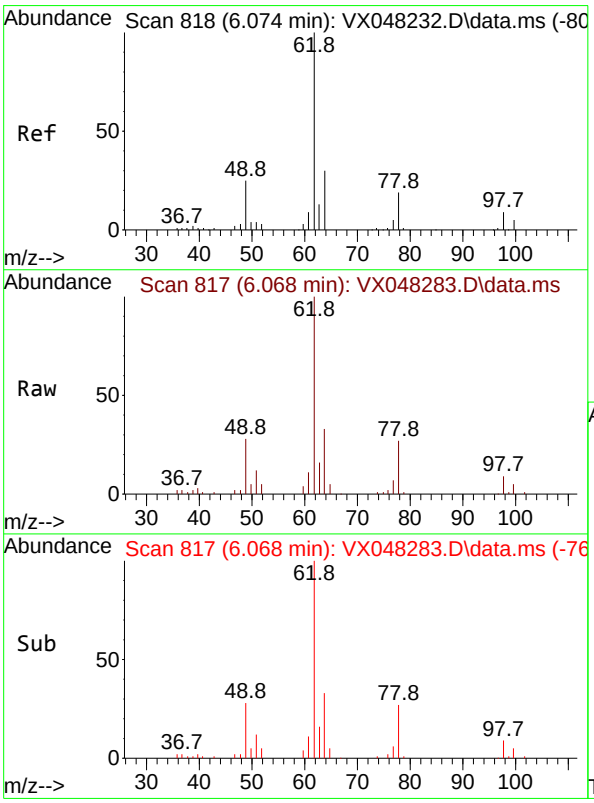

#41
Methacrylonitrile
Concen: 17.443 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 41 Resp: 13641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 59.4 | 44.0 | 66.0 |
| 67 | 76.5 | 58.7 | 88.1 |
| 52 | 35.0 | 25.9 | 38.9 |

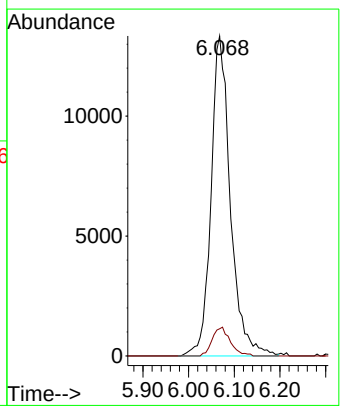


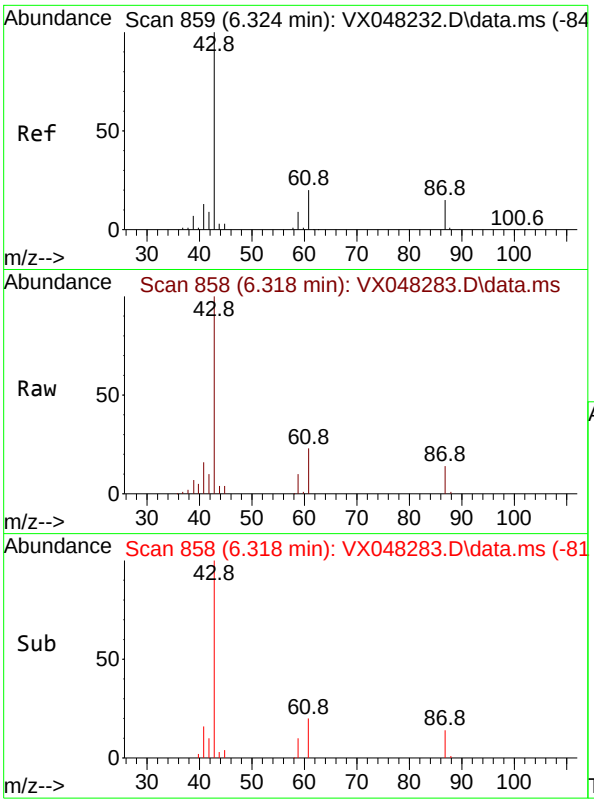




#42
1,2-Dichloroethane
Concen: 20.367 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 62 Resp: 39202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.4 | 0.0 | 17.2 |



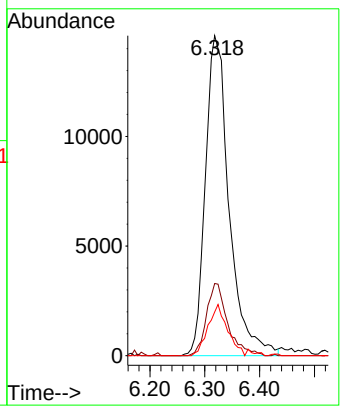


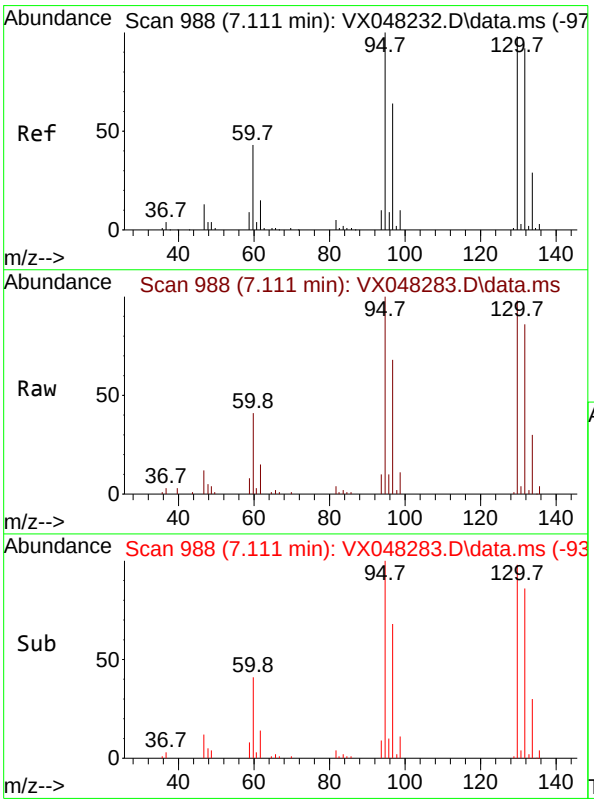

#43
Isopropyl Acetate
Concen: 17.936 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 43 Resp: 43873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.1 | 14.9 | 22.3 |
| 87 | 13.1 | 9.4 | 14.2 |

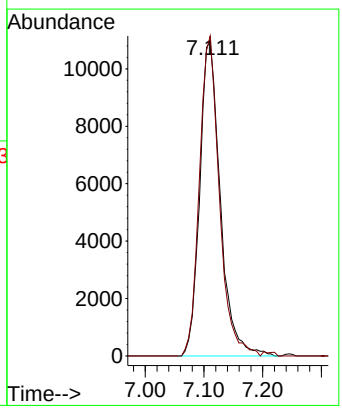


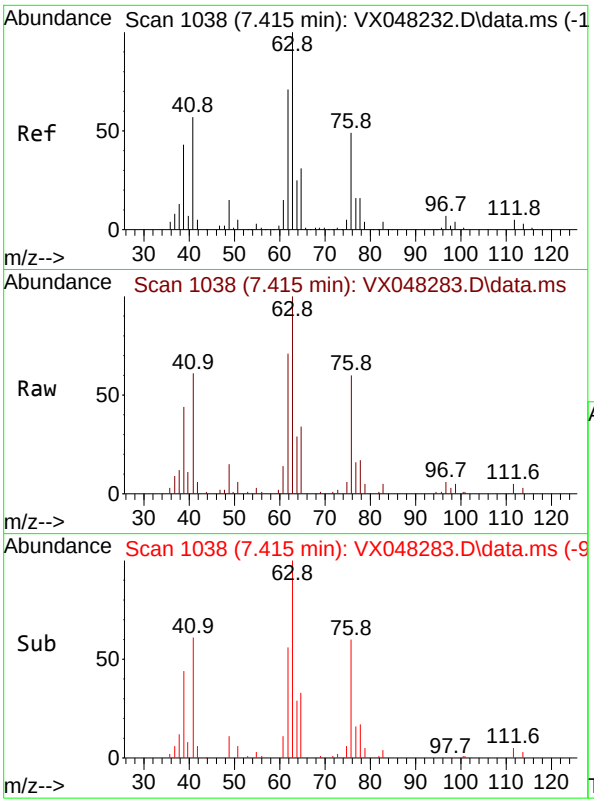




#44
Trichloroethene
Concen: 19.325 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:130 Resp: 26617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 101.7 | 0.0 | 200.6 |



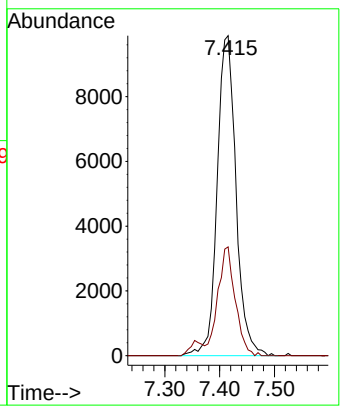


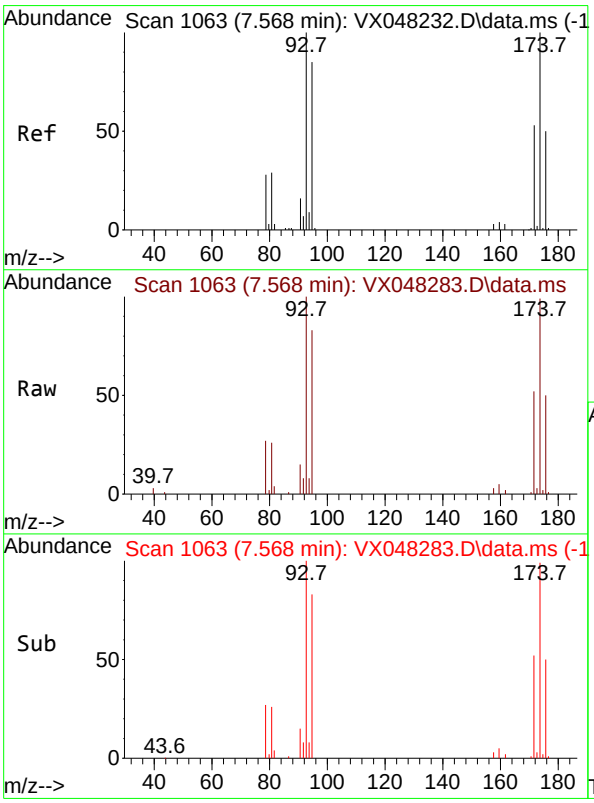

#45
1,2-Dichloropropane
Concen: 19.022 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 63 Resp: 23590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 34.0 | 24.1 | 36.1 |

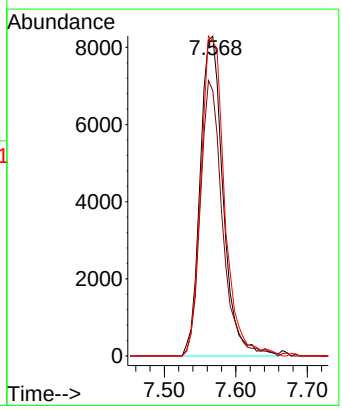


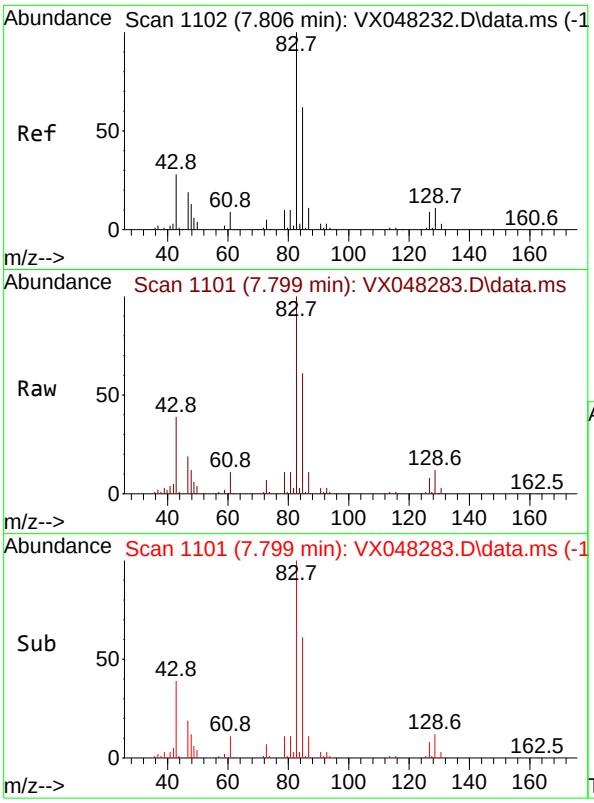




#46
Dibromomethane
Concen: 19.074 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 93 Resp: 18429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.1 | 65.9 | 98.9 |
| 174 | 102.9 | 71.7 | 107.5 |



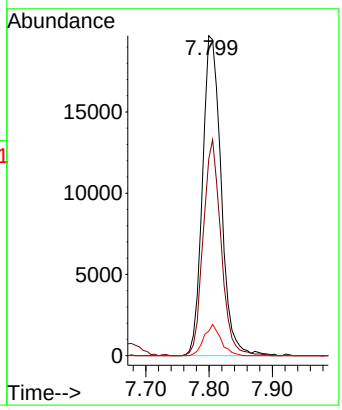


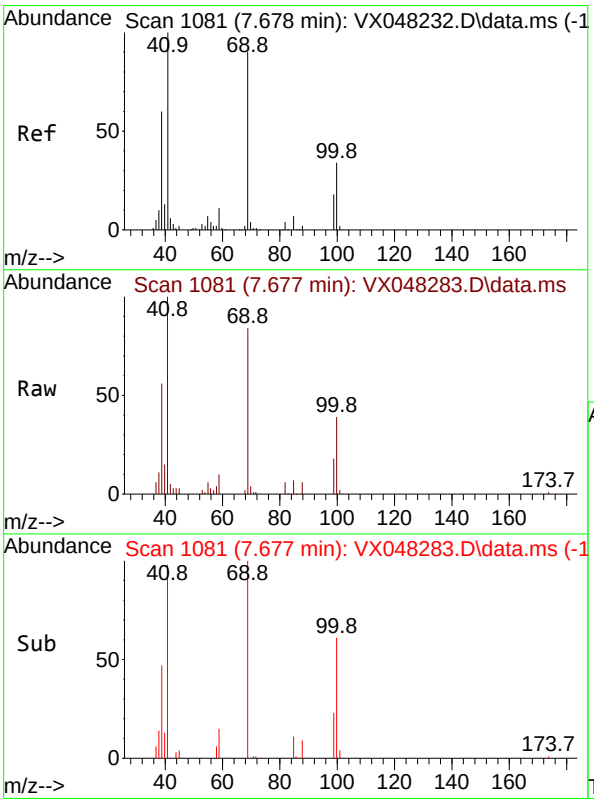

#47
Bromodichloromethane
Concen: 19.417 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 83 Resp: 40507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.4 | 52.2 | 78.4 |
| 127 | 8.4 | 7.3 | 10.9 |

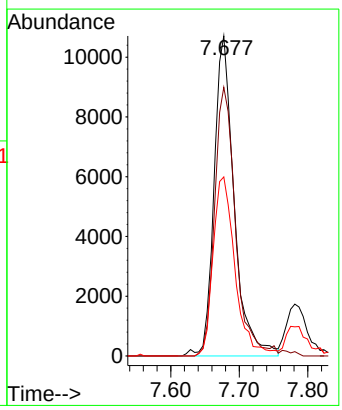


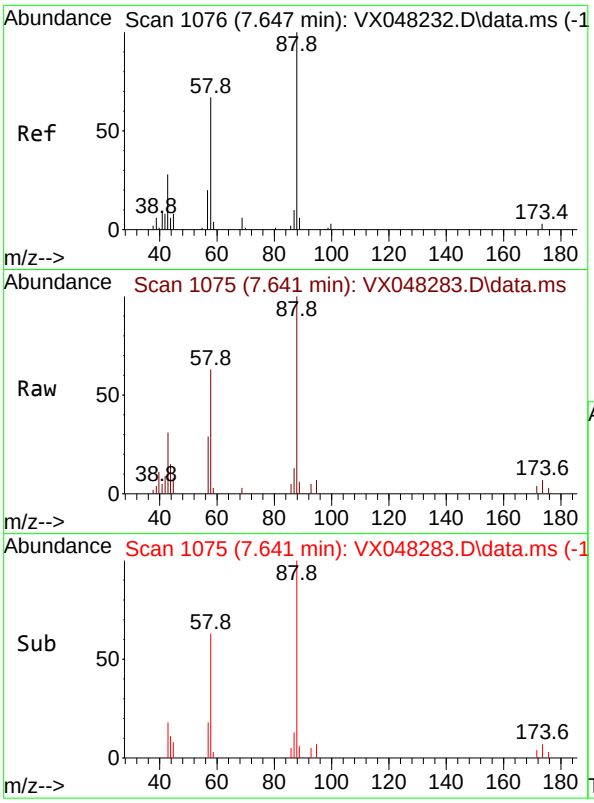




#48
Methyl methacrylate
Concen: 17.627 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 41 Resp: 21757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 88.1 | 63.4 | 95.0 |
| 39 | 60.7 | 47.1 | 70.7 |



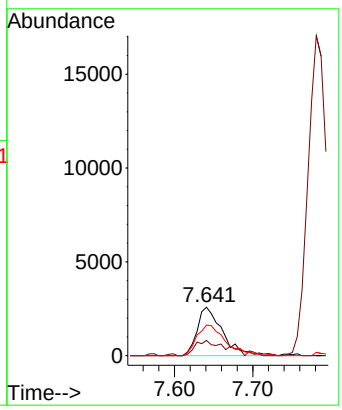


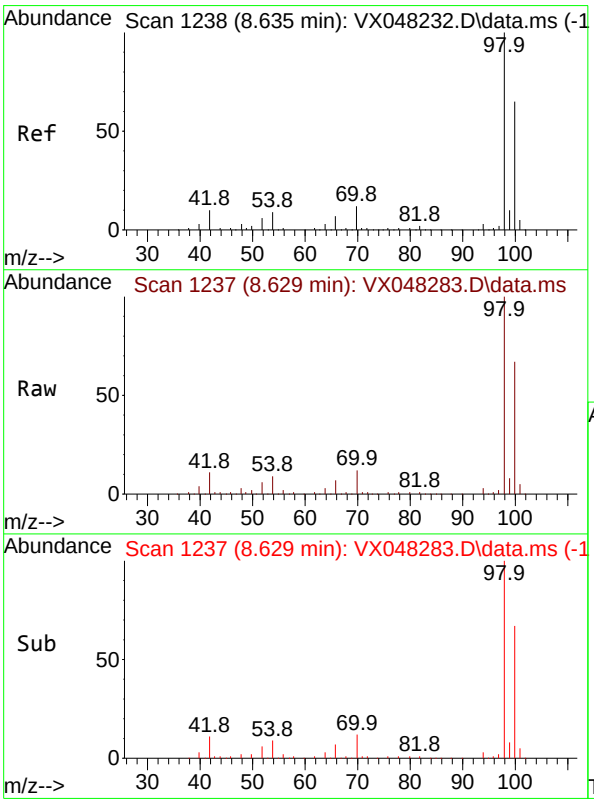

#49
1,4-Dioxane
Concen: 355.001 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 88 Resp: 5789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 36.7 | 35.0 | 52.4 |
| 58 | 71.1 | 61.9 | 92.9 |

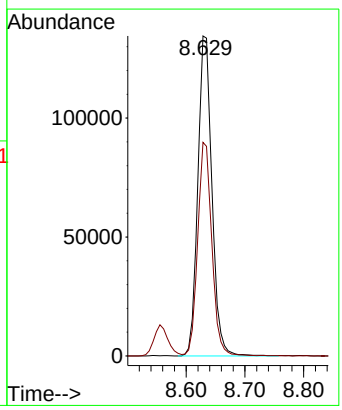


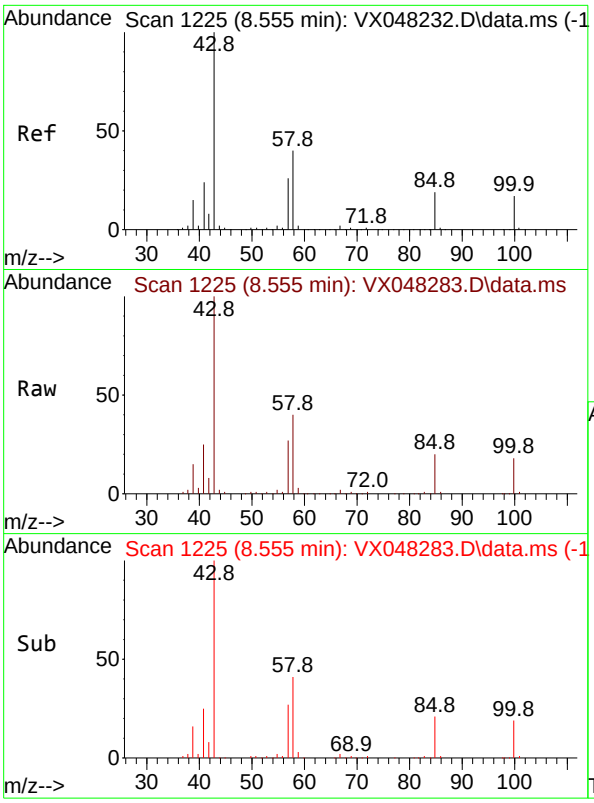




#50
Toluene-d8
Concen: 50.743 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 98 Resp: 224820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.1 | 53.0 | 79.4 |



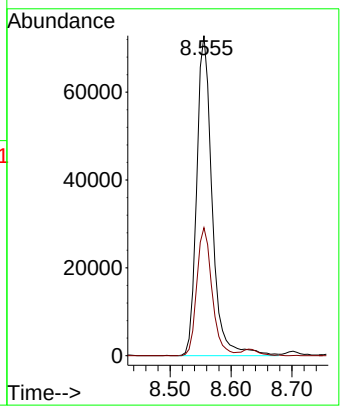


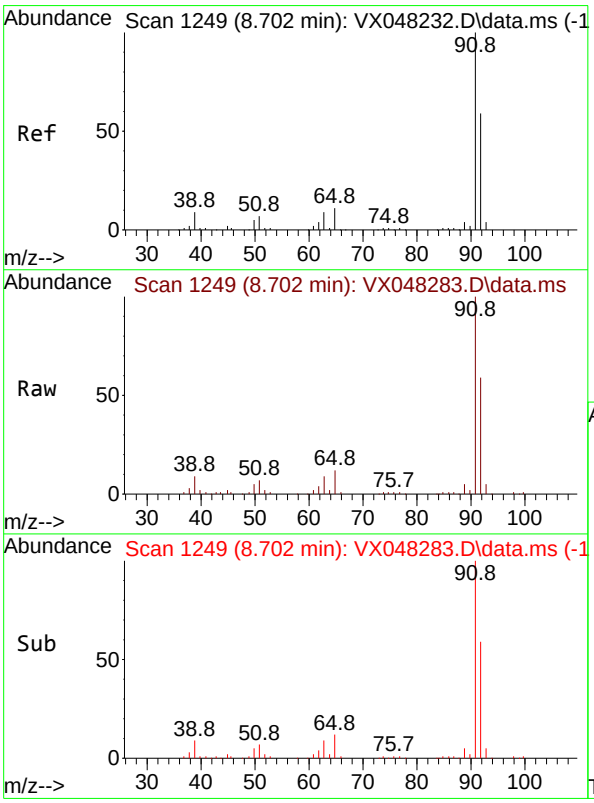

#51
4-Methyl-2-Pentanone
Concen: 91.119 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 43 Resp: 128509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.4 | 29.5 | 44.3 |

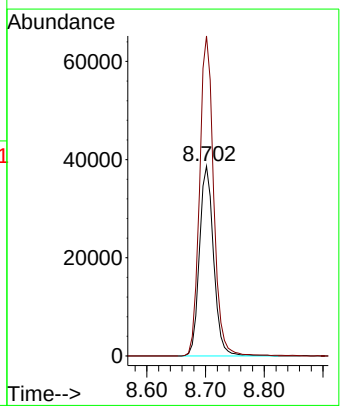


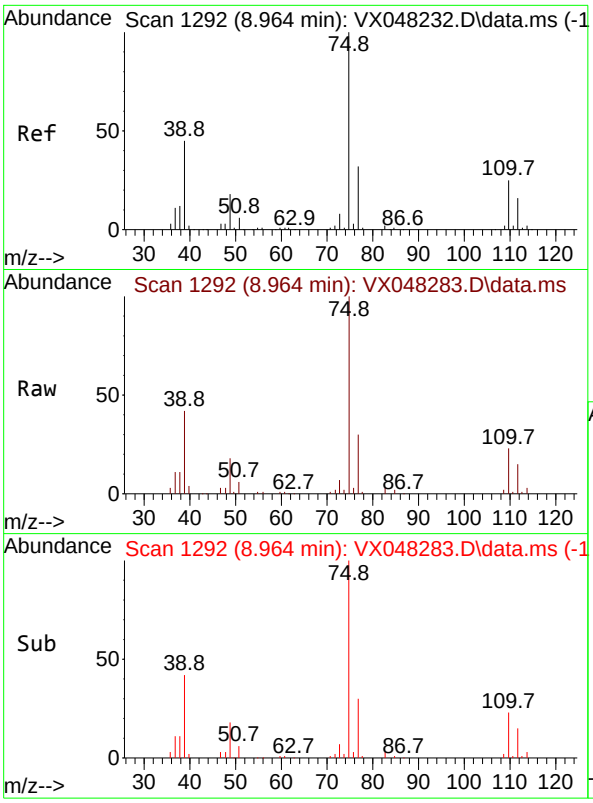




#52
Toluene
Concen: 19.569 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 92 Resp: 64846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 167.4 | 136.1 | 204.1 |



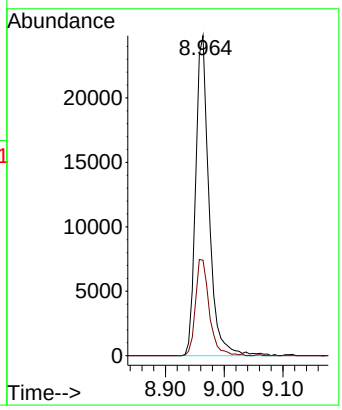


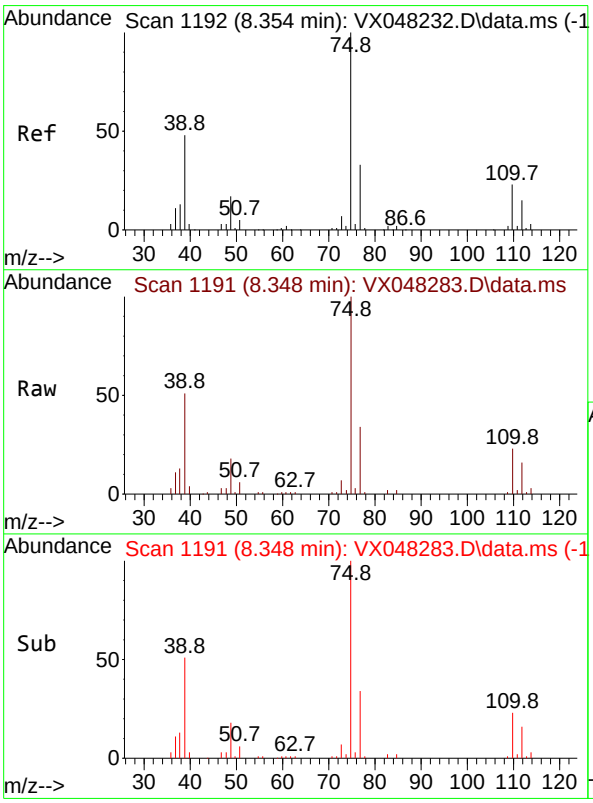

#53
t-1,3-Dichloropropene
Concen: 19.575 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 75 Resp: 39352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.8 | 25.0 | 37.6 |

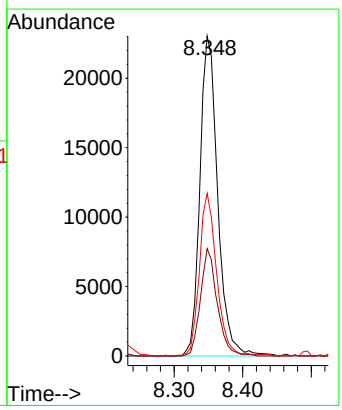


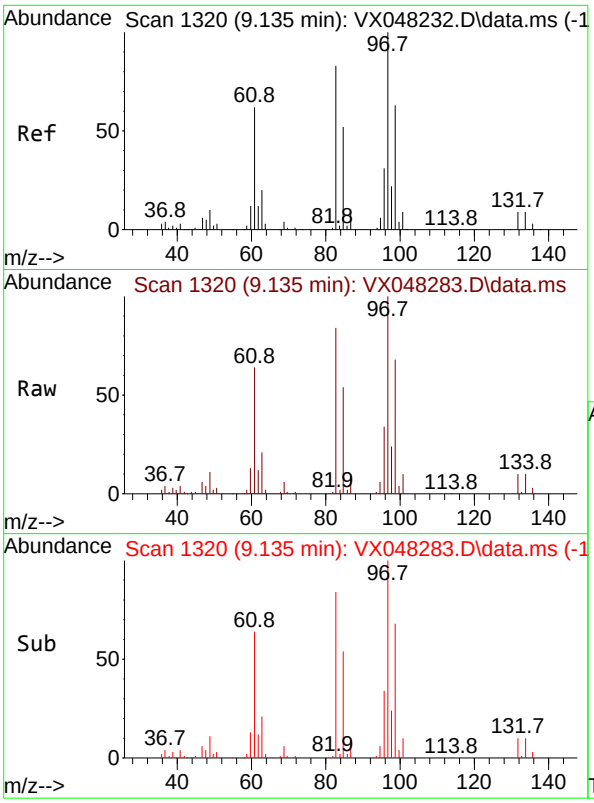




#54
cis-1,3-Dichloropropene
Concen: 19.183 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 41608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.5 | 24.9 | 37.3 |
| 39 | 49.1 | 42.6 | 64.0 |



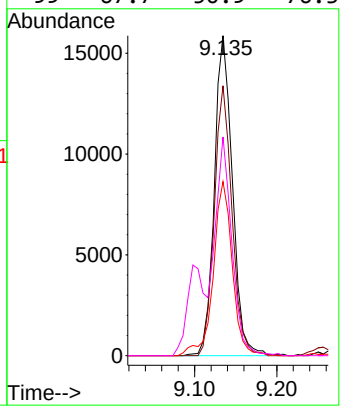


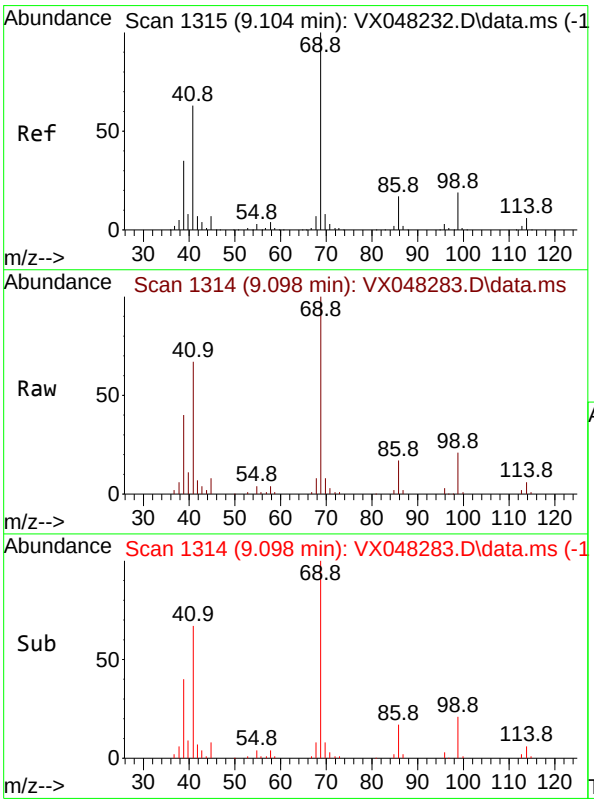

#55
1,1,2-Trichloroethane
Concen: 19.667 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 97 Resp: 24236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.3 | 70.6 | 105.8 |
| 85 | 54.4 | 45.0 | 67.6 |
| 99 | 67.7 | 50.9 | 76.3 |

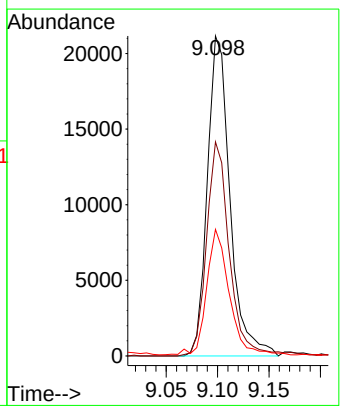


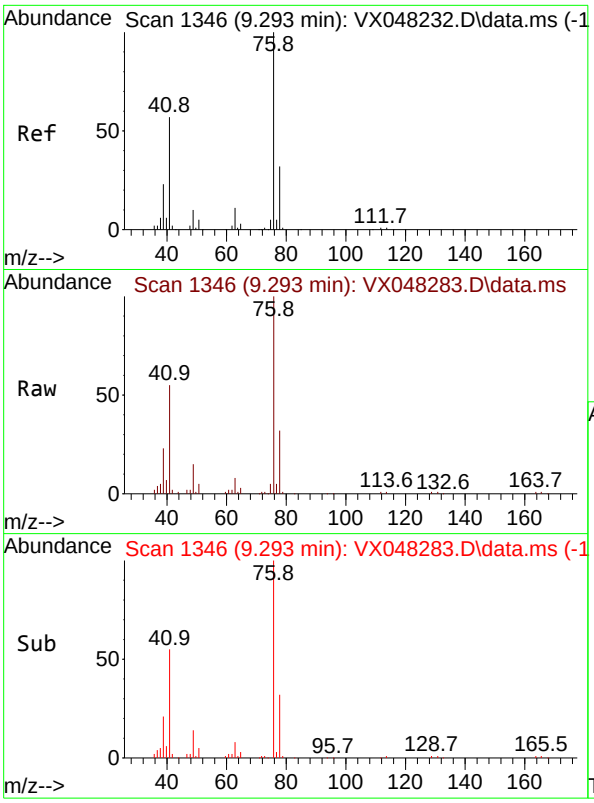




#56
Ethyl methacrylate
Concen: 17.941 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 69 Resp: 32337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 68.0 | 56.0 | 84.0 |
| 39 | 39.3 | 31.6 | 47.4 |



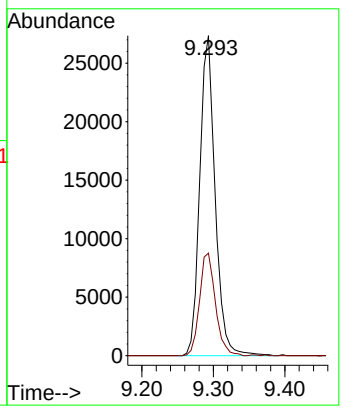


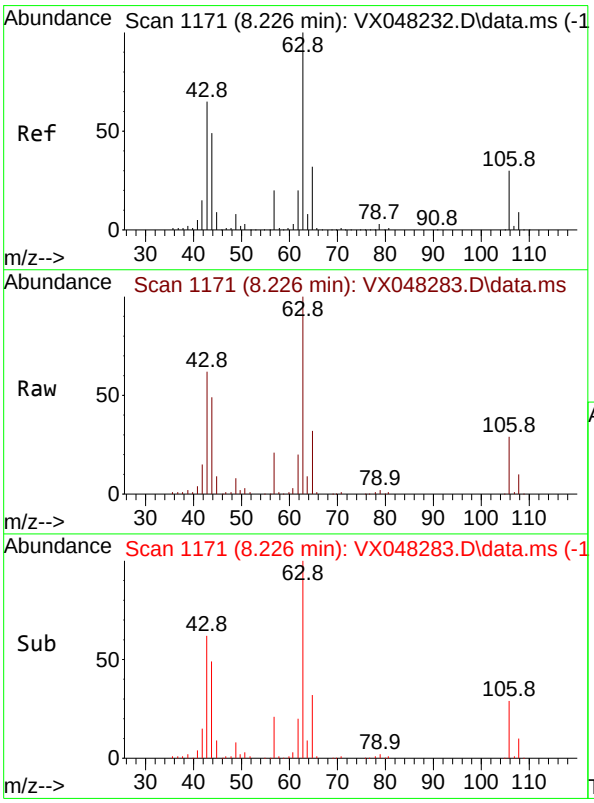

#57
1,3-Dichloropropane
Concen: 19.378 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 76 Resp: 40790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.1 | 25.4 | 38.0 |

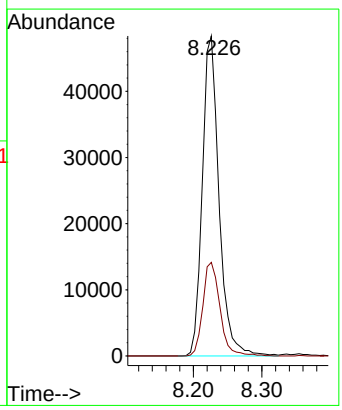


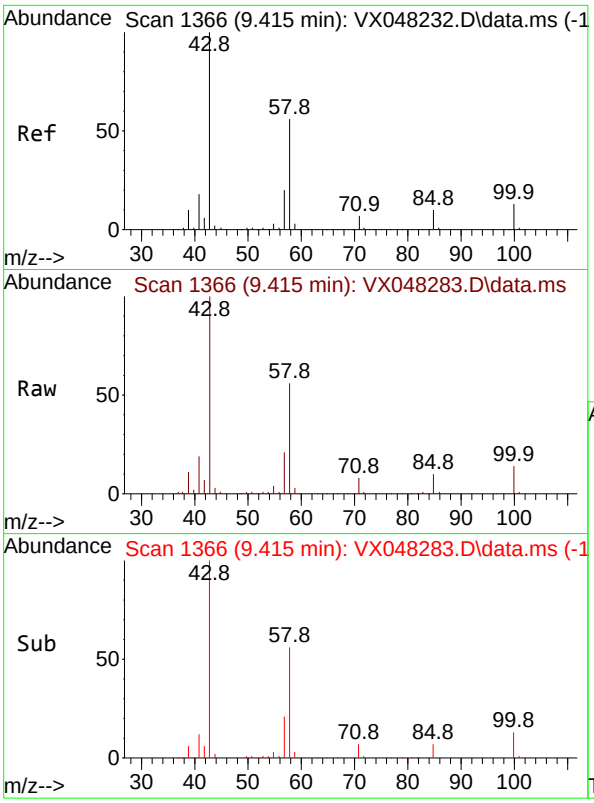




#58
2-Chloroethyl Vinyl ether
Concen: 86.039 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 63 Resp: 82301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.9 | 22.2 | 33.2 |



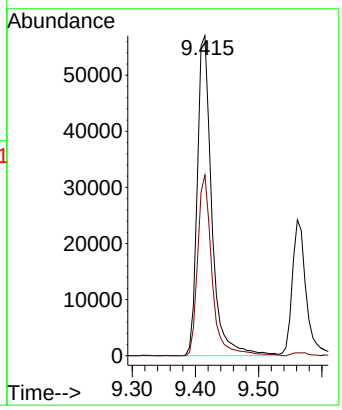


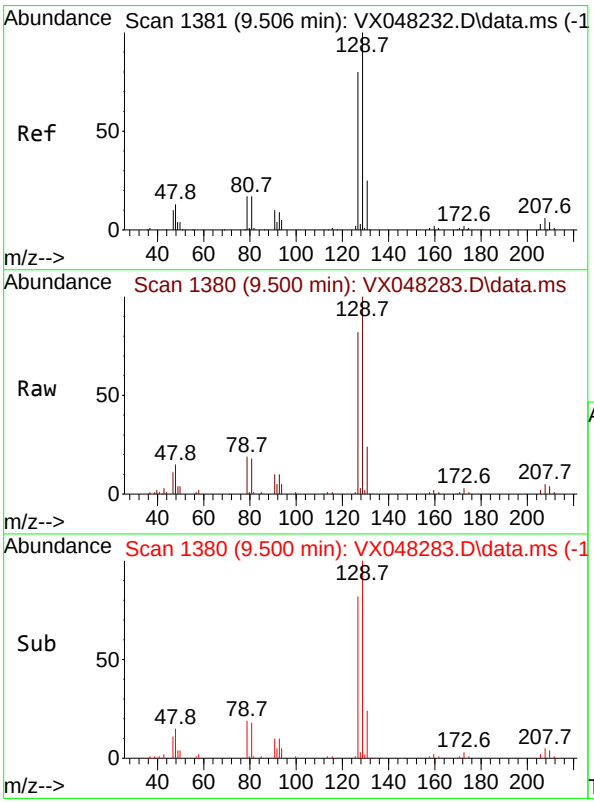

#59
2-Hexanone
Concen: 92.750 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 43 Resp: 91212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.8 | 26.3 | 78.8 |

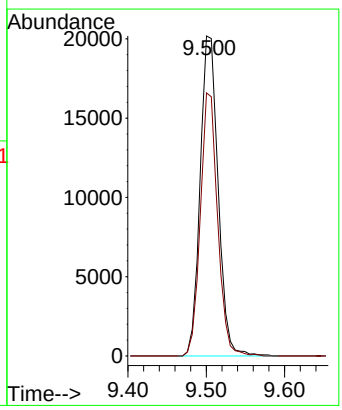


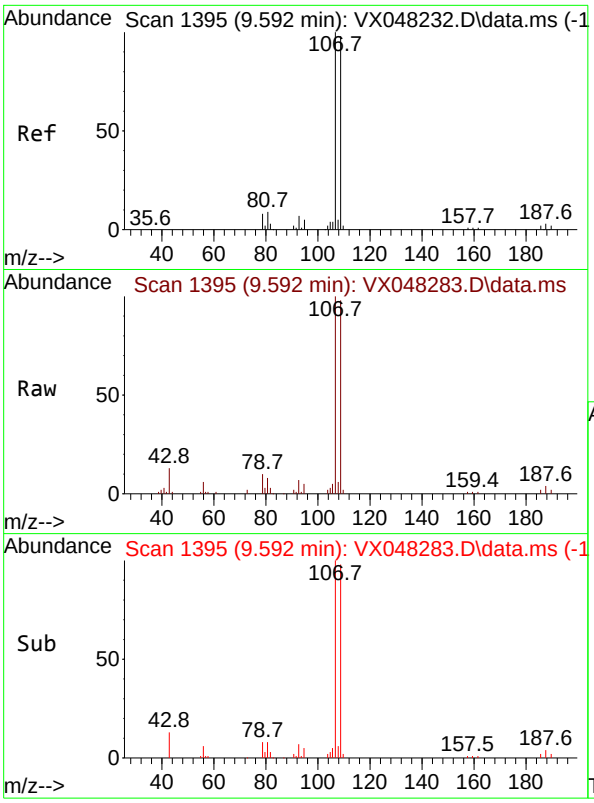




#60
Dibromochloromethane
Concen: 19.391 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:129 Resp: 32118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.9 | 38.6 | 115.7 |



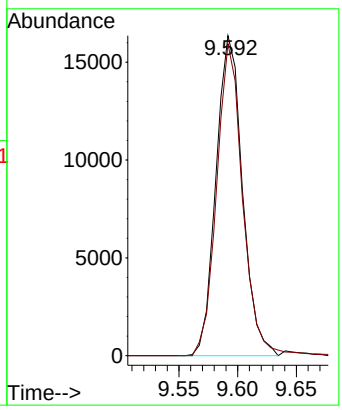


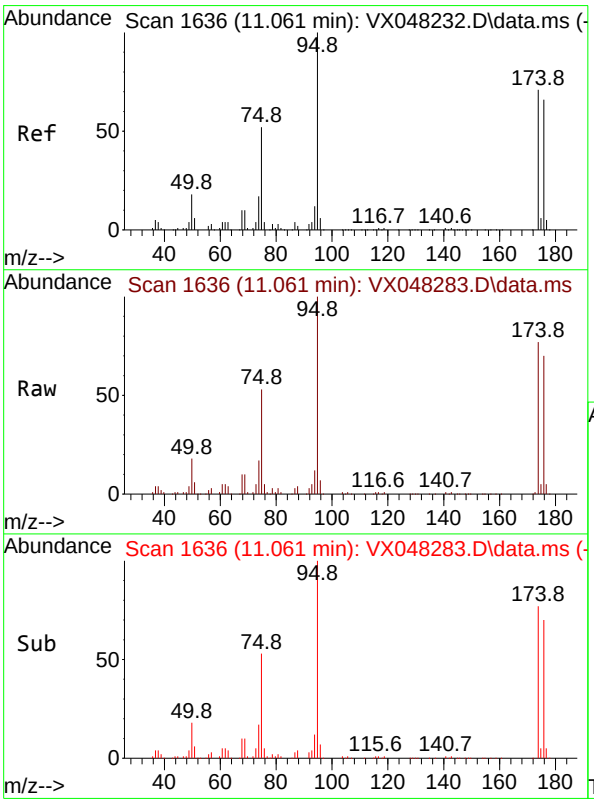

#61
1,2-Dibromoethane
Concen: 19.461 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:107 Resp: 25567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.1 | 77.0 | 115.4 |

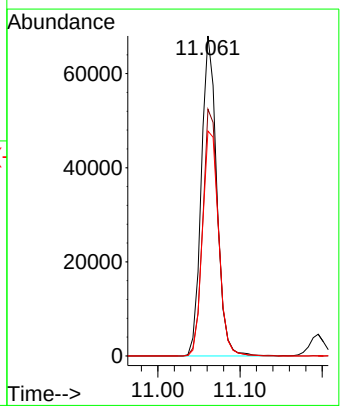


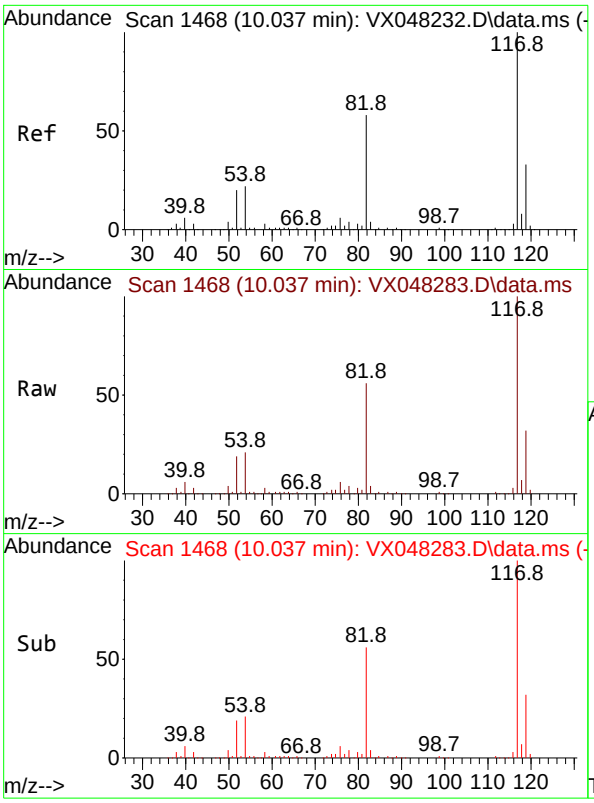




#62
4-Bromofluorobenzene
Concen: 52.404 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 95 Resp: 88327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.0 | 0.0 | 147.8 |
| 176 | 73.9 | 0.0 | 142.8 |



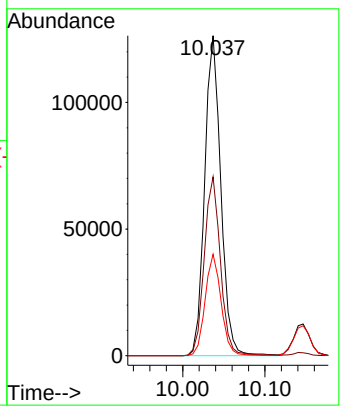


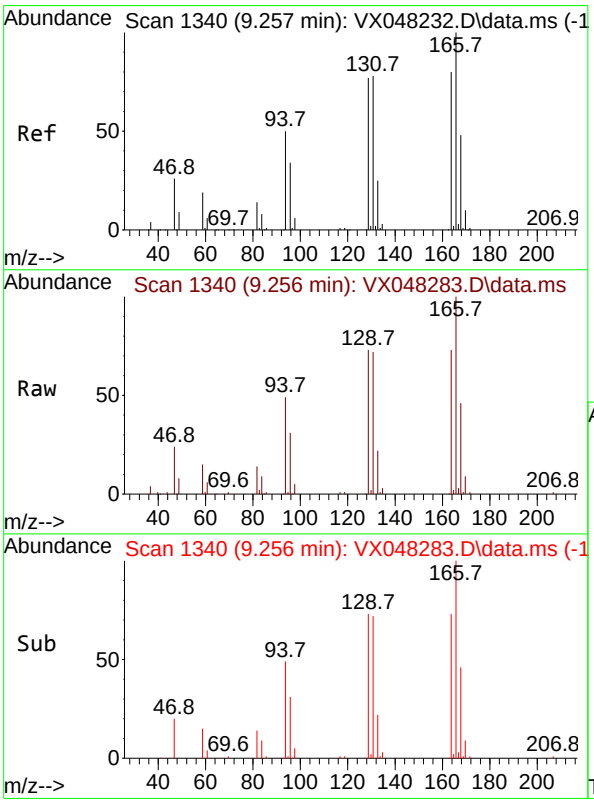

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:117 Resp: 172449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.9 | 46.5 | 69.7 |
| 119 | 31.7 | 25.9 | 38.9 |

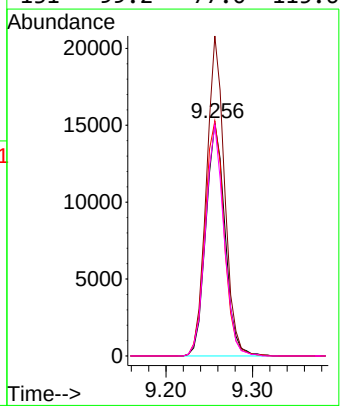


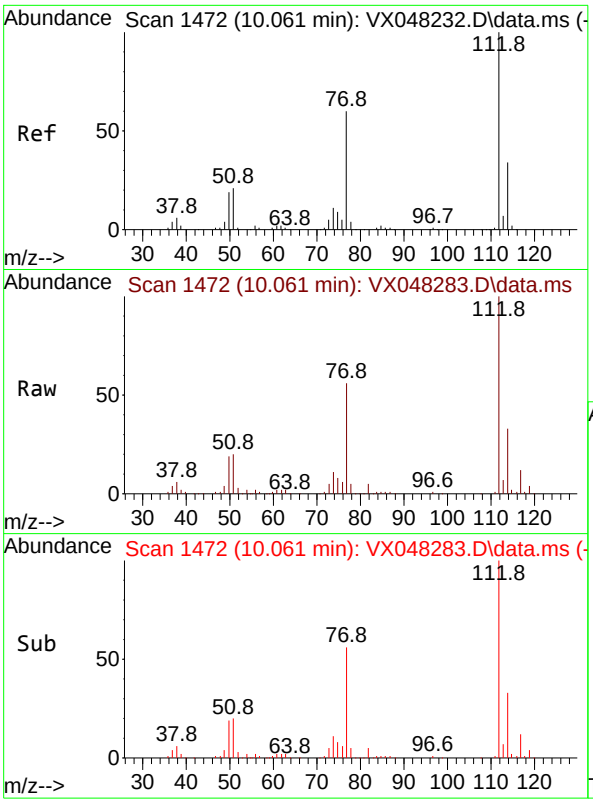




#64
Tetrachloroethene
Concen: 17.948 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:164 Resp: 23106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 137.4 | 104.5 | 156.7 |
| 129 | 100.9 | 81.8 | 122.6 |
| 131 | 99.2 | 77.0 | 115.6 |



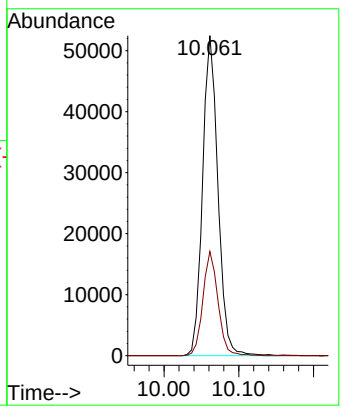


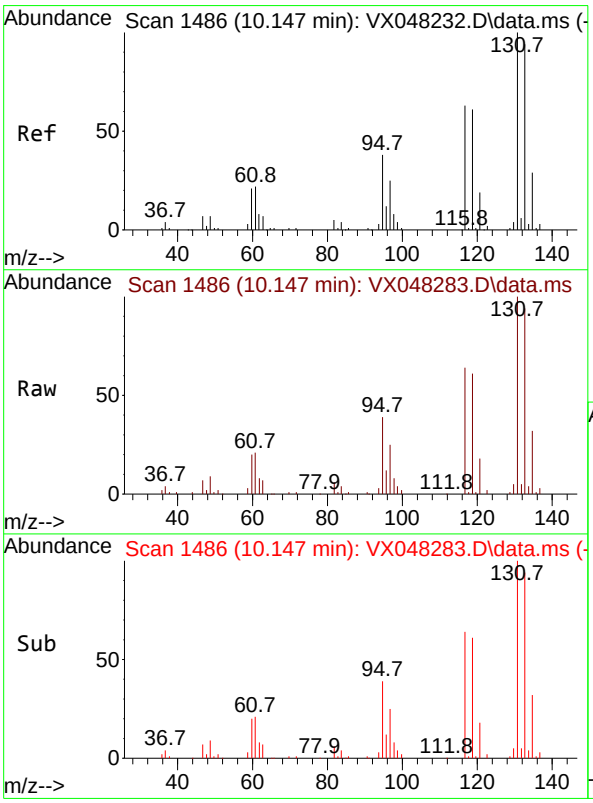

#65
Chlorobenzene
Concen: 19.299 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:112 Resp: 74866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 26.2 | 39.2 |

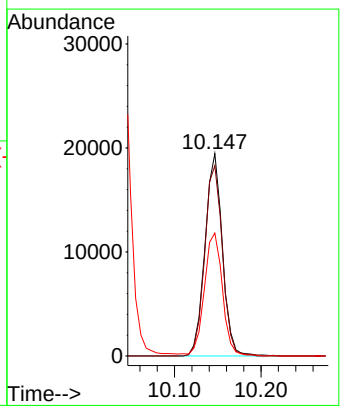


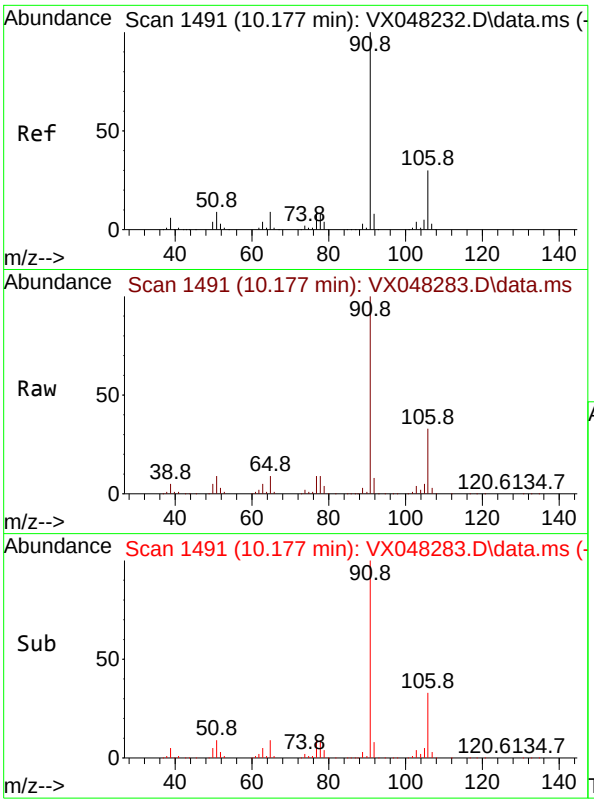




#66
1,1,1,2-Tetrachloroethane
Concen: 19.105 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:131 Resp: 27221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.5 | 47.6 | 142.8 |
| 119 | 63.3 | 32.5 | 97.5 |



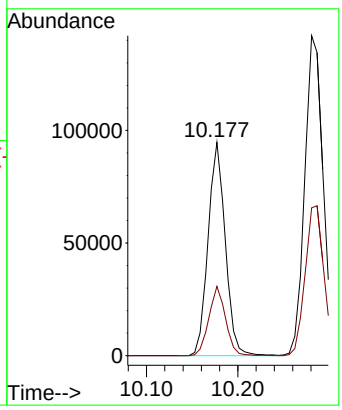


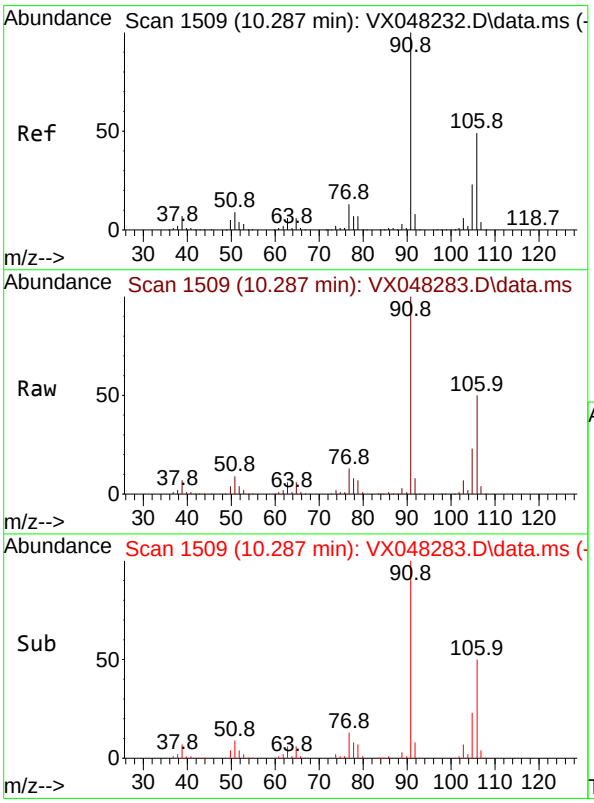

#67
Ethyl Benzene
Concen: 18.730 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 91 Resp: 123704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.5 | 23.8 | 35.6 |

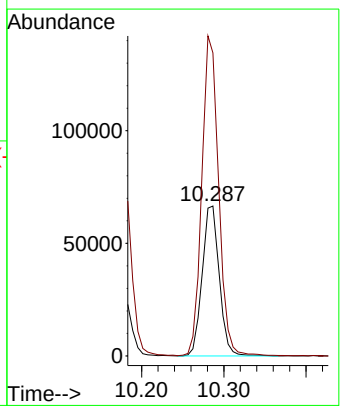


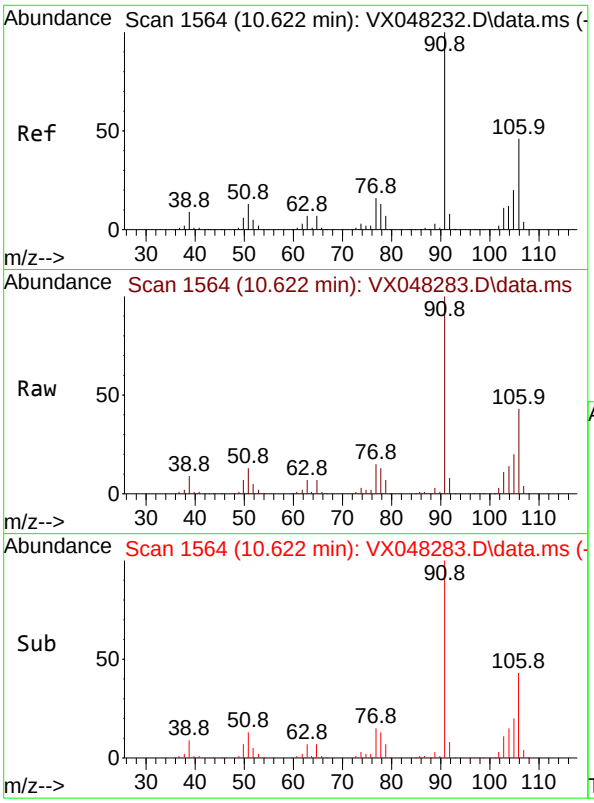




#68
m/p-Xylenes
Concen: 39.196 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:106 Resp: 96187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.8 | 167.9 | 251.9 |



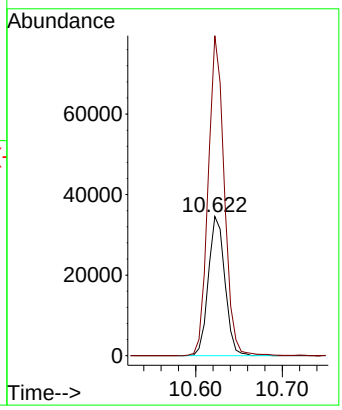


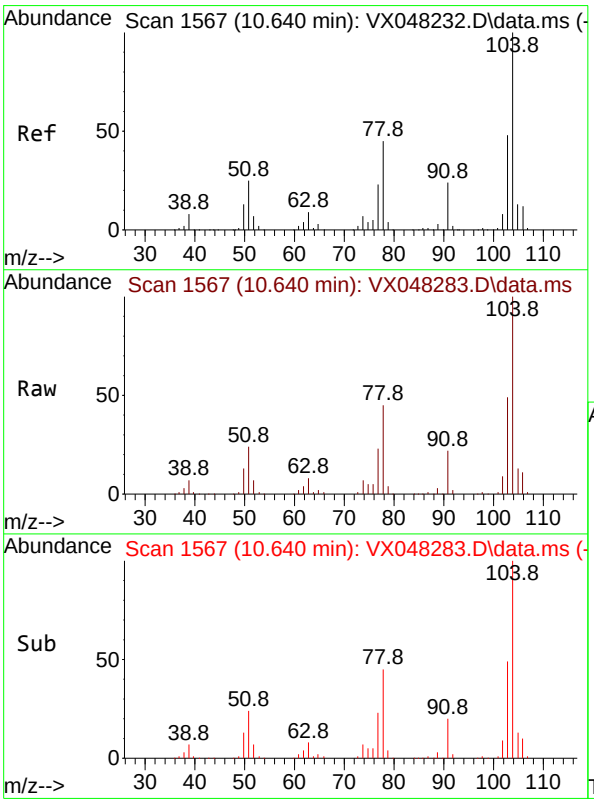

#69
o-Xylene
Concen: 19.380 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:106 Resp: 45915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.3 | 111.3 | 333.9 |

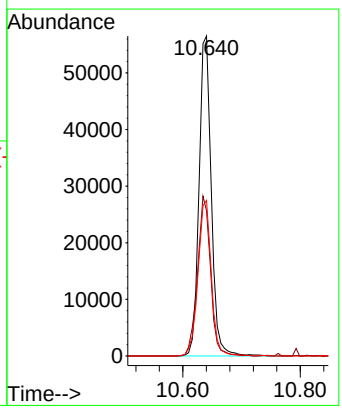


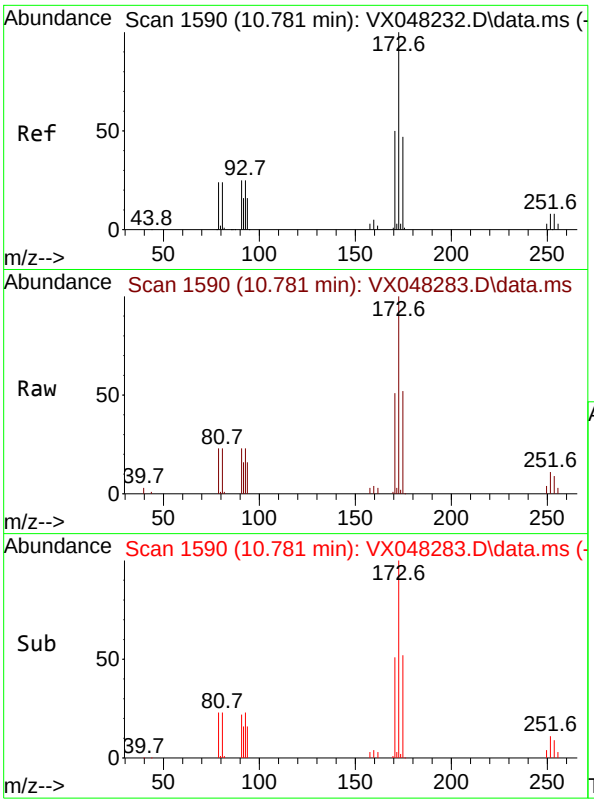




#70
Styrene
Concen: 20.178 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:104 Resp: 81400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.2 | 42.2 | 63.4 |
| 103 | 52.8 | 43.0 | 64.4 |



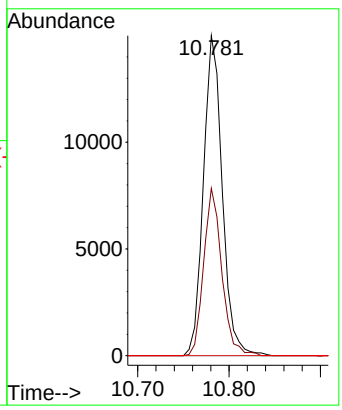


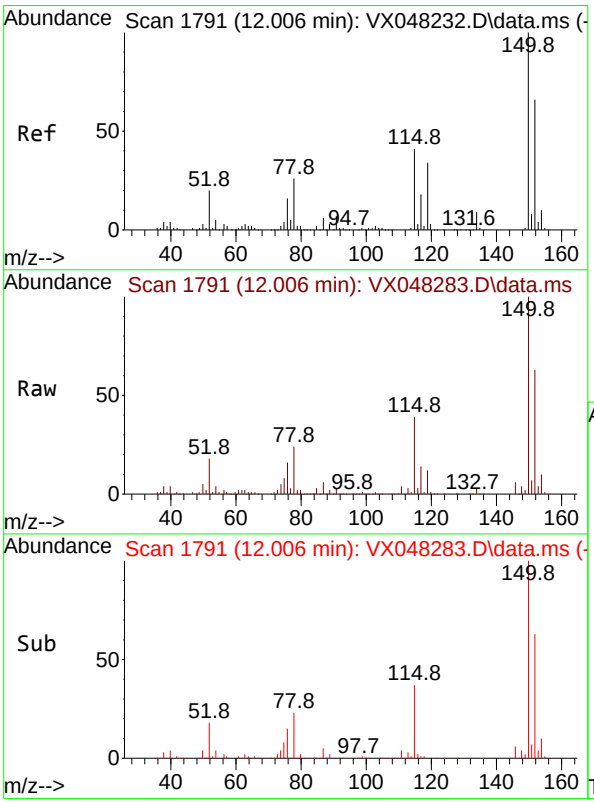

#71
Bromoform
Concen: 18.867 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:173 Resp: 21486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.3 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

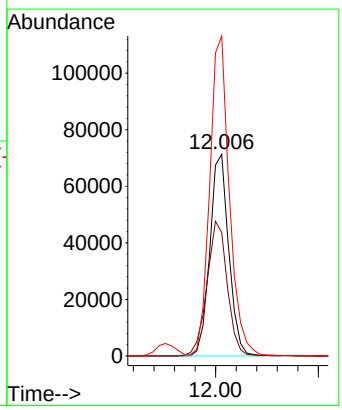


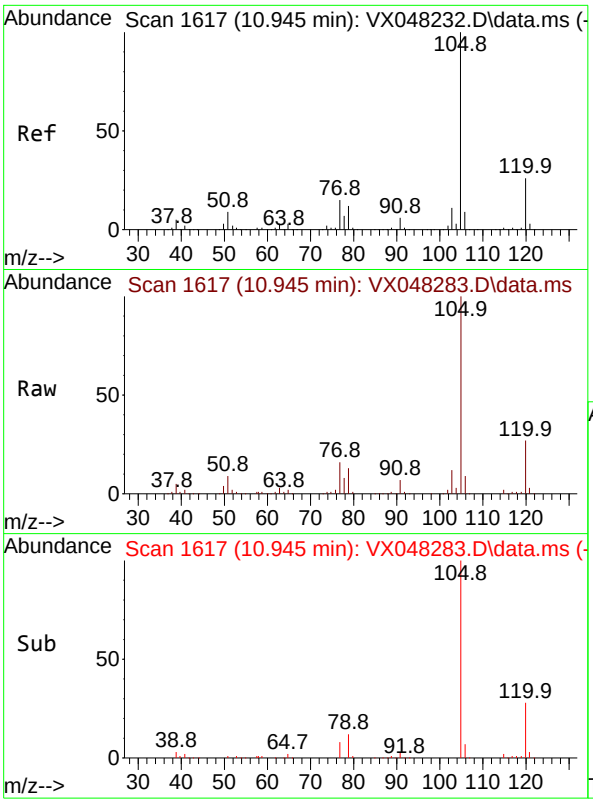




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:152 Resp: 91086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 71.9 | 43.1 | 129.4 |
| 150 | 164.1 | 0.0 | 353.0 |



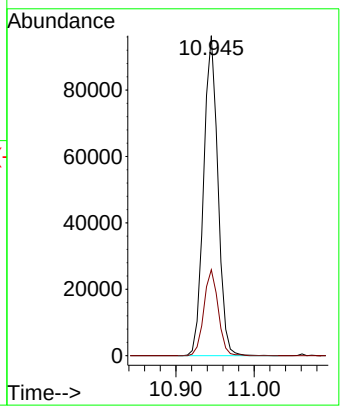


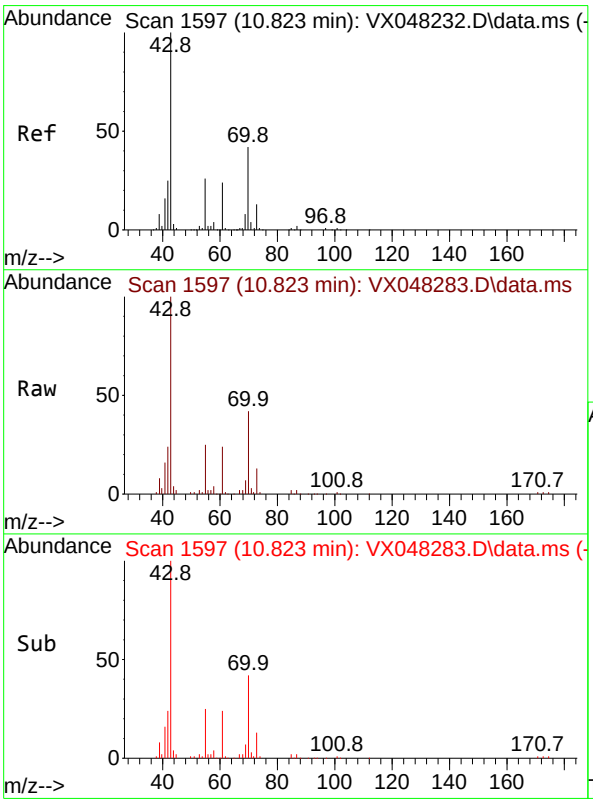

#73
Isopropylbenzene
Concen: 18.261 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:105 Resp: 121492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.0 | 13.0 | 38.9 |

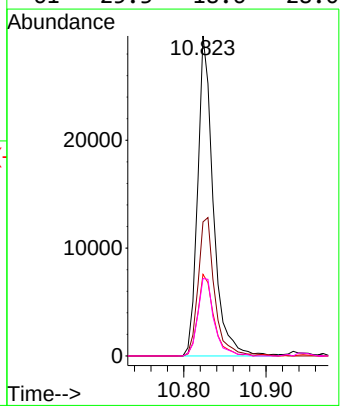


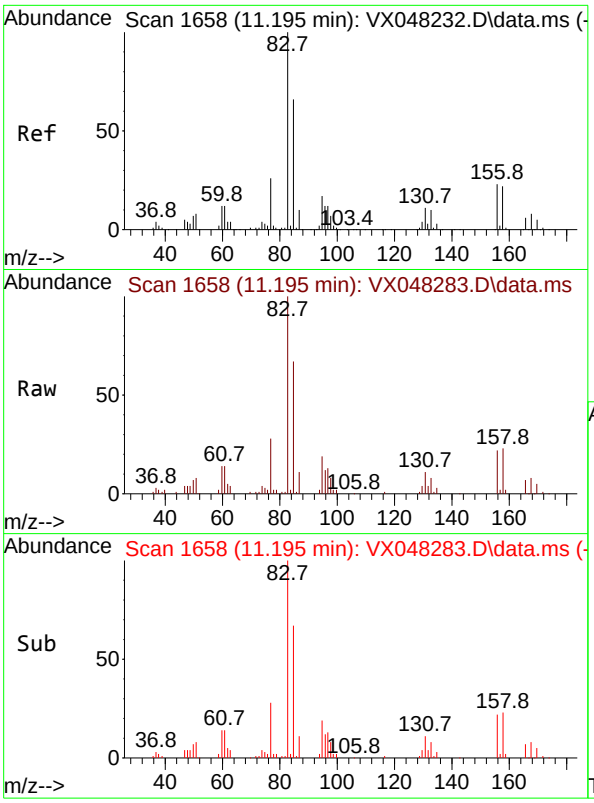




#74
N-amyl acetate
Concen: 16.651 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 43 Resp: 39294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 45.7 | 32.2 | 48.2 |
| 55 | 26.0 | 19.1 | 28.7 |
| 61 | 25.3 | 18.6 | 28.0 |



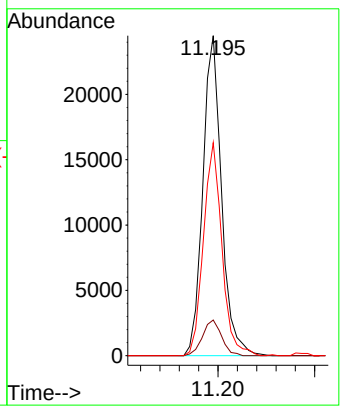


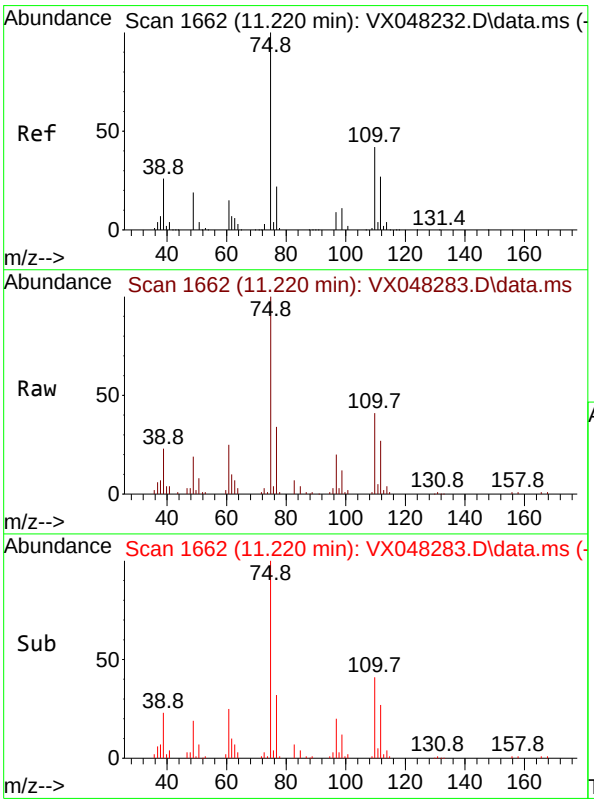

#75
1,1,2,2-Tetrachloroethane
Concen: 18.132 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 83 Resp: 32943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.4 | 4.8 | 14.4 |
| 85 | 65.8 | 31.9 | 95.7 |

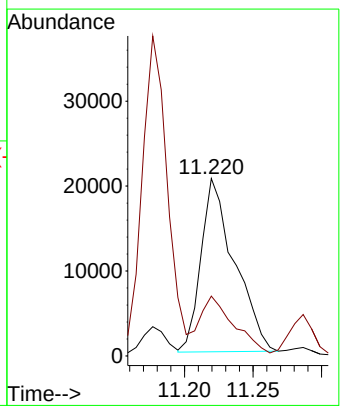


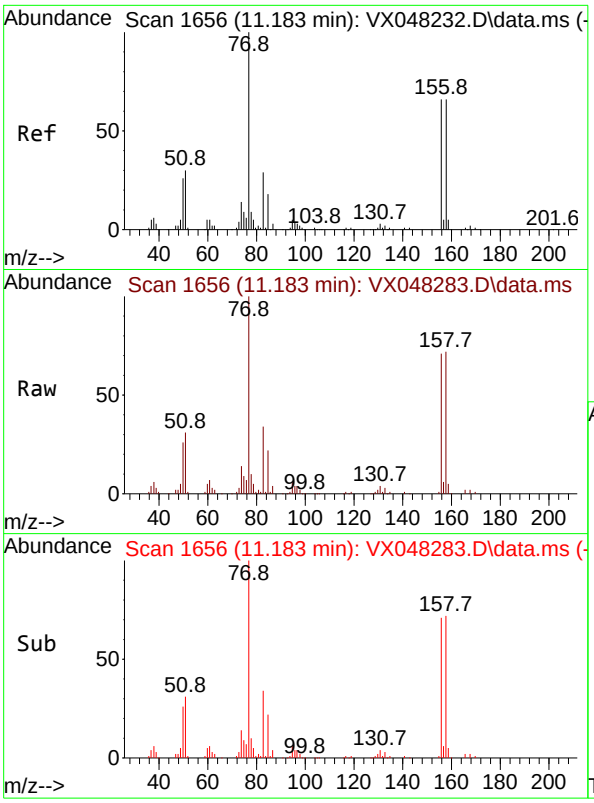




#76
1,2,3-Trichloropropane
Concen: 23.610 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 34874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.4 | 22.4 | 67.2 |



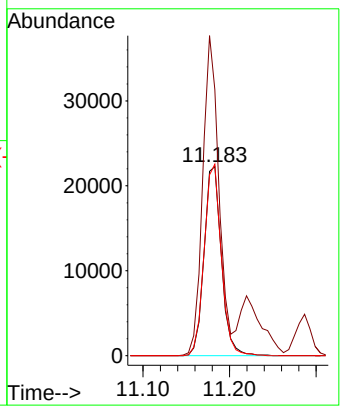


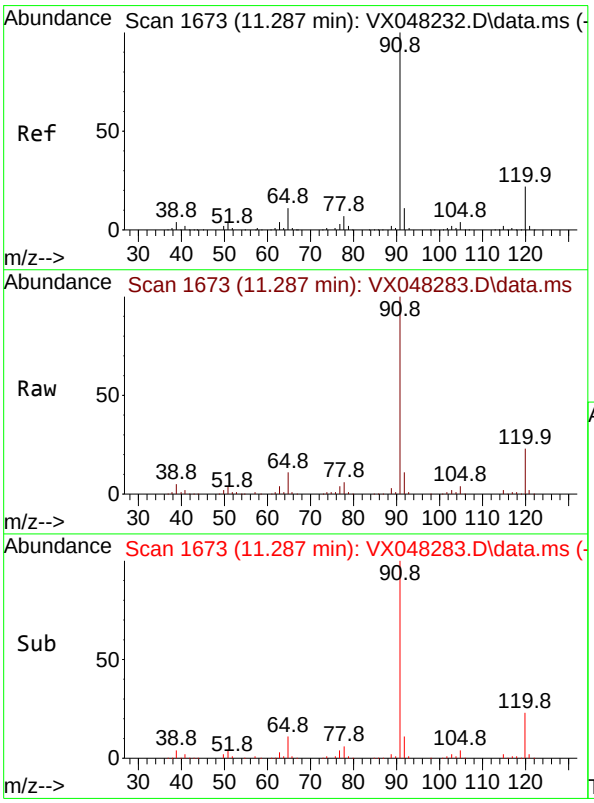

#77
Bromobenzene
Concen: 18.526 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:156 Resp: 30904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 157.4 | 87.0 | 261.0 |
| 158 | 100.1 | 47.8 | 143.4 |

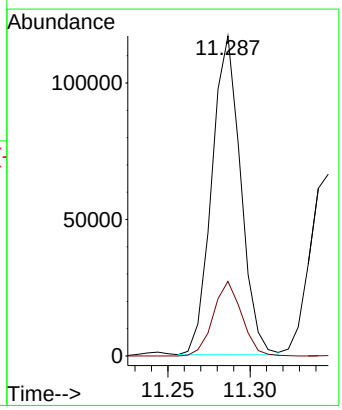


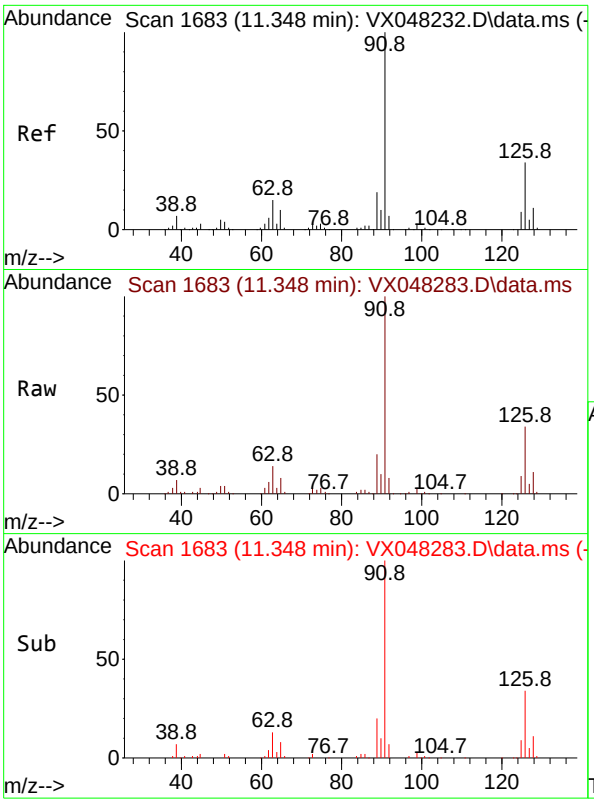




#78
n-propylbenzene
Concen: 18.506 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 91 Resp: 142548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.0 | 11.1 | 33.1 |



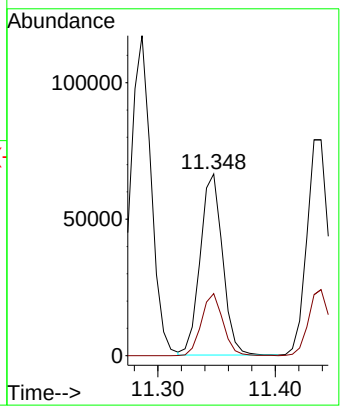


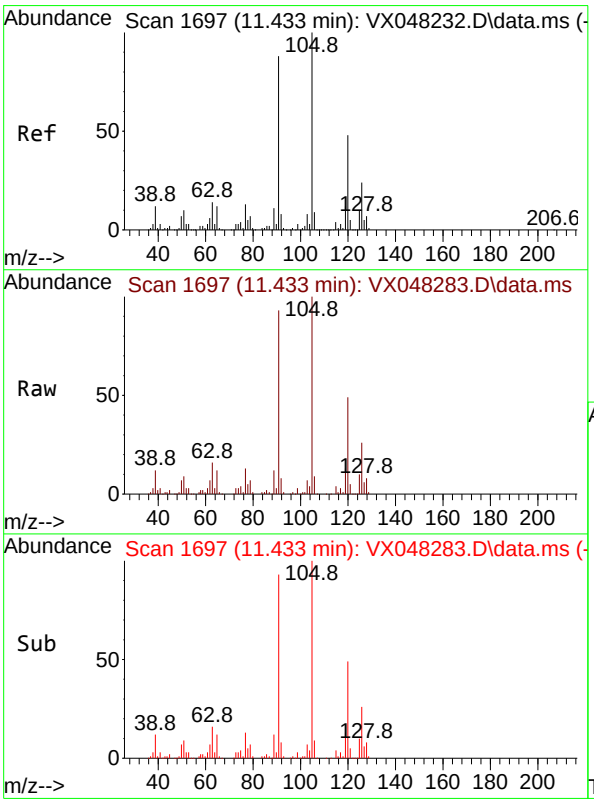

#79
2-Chlorotoluene
Concen: 18.783 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 91 Resp: 87720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.2 | 16.4 | 49.4 |

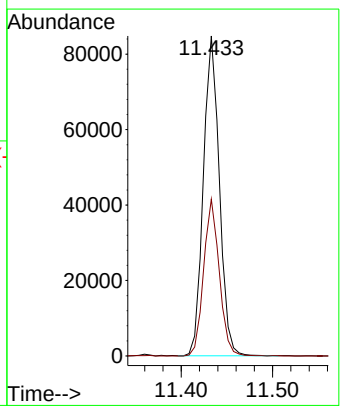


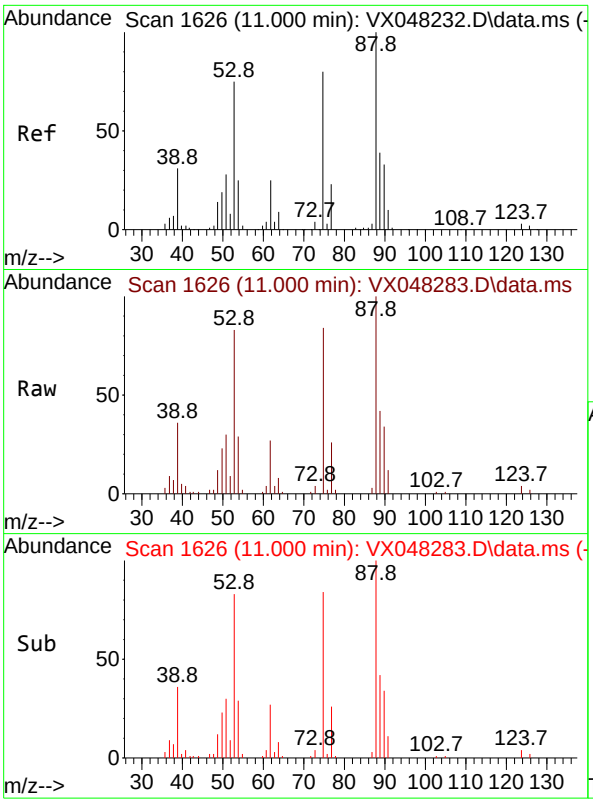




#80
1,3,5-Trimethylbenzene
Concen: 18.620 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:105 Resp: 102516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.0 | 24.0 | 72.0 |



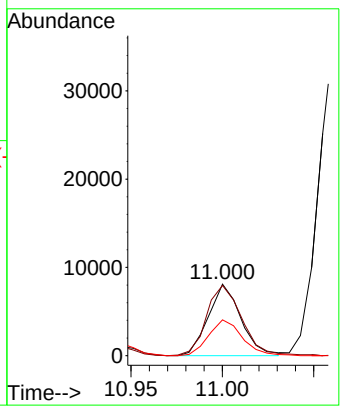


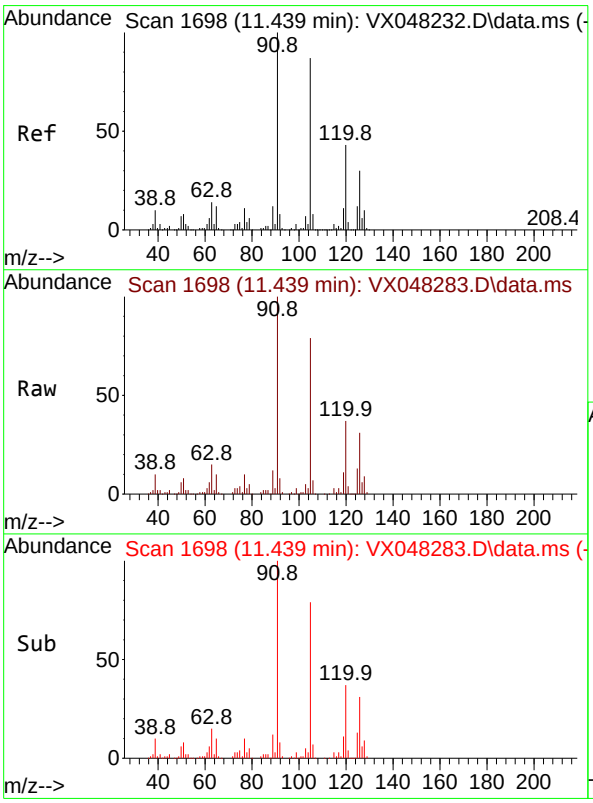

#81
trans-1,4-Dichloro-2-butene
Concen: 16.545 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 75 Resp: 10045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 106.6 | 79.5 | 119.3 |
| 89 | 51.7 | 36.8 | 55.2 |

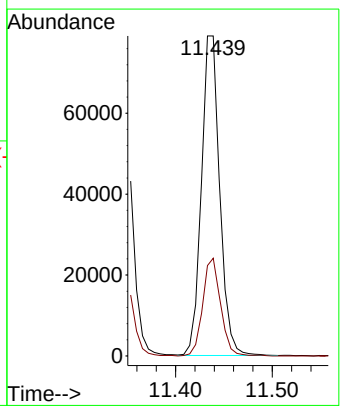


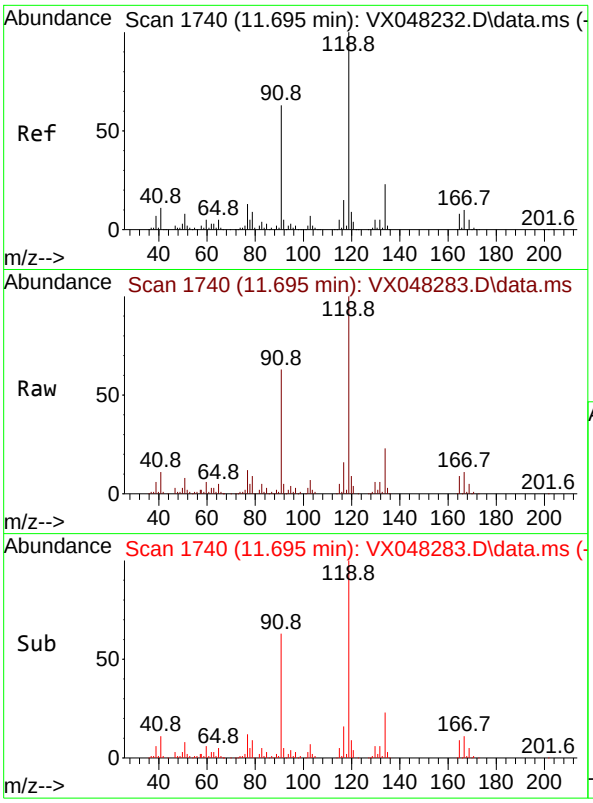




#82
4-Chlorotoluene
Concen: 18.810 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 91 Resp: 104284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.9 | 14.1 | 42.4 |



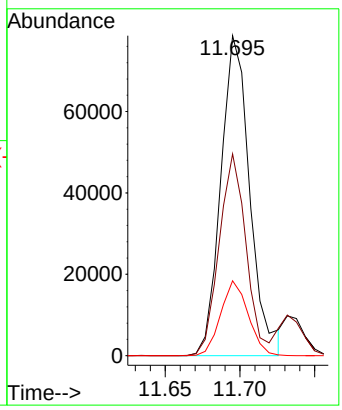


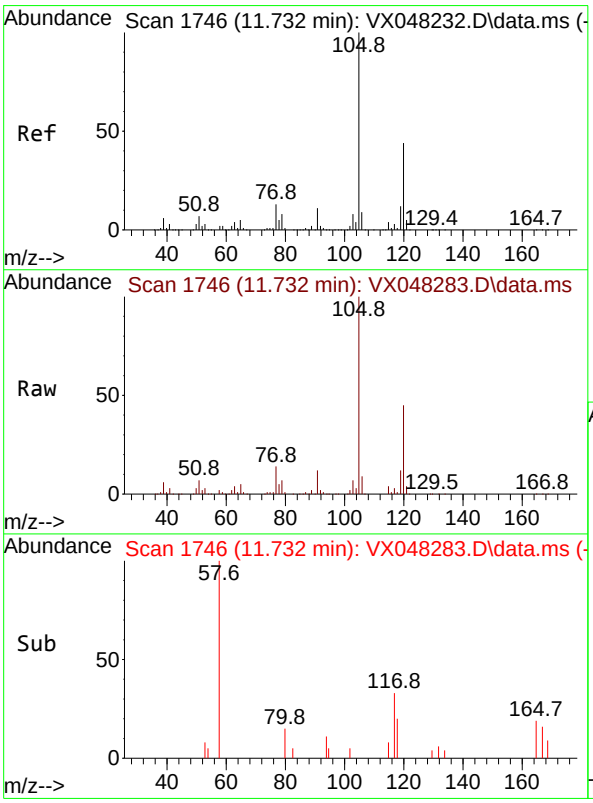

#83
tert-Butylbenzene
Concen: 18.713 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:119 Resp: 105858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 58.7 | 30.3 | 91.0 |
| 134 | 22.3 | 11.4 | 34.2 |

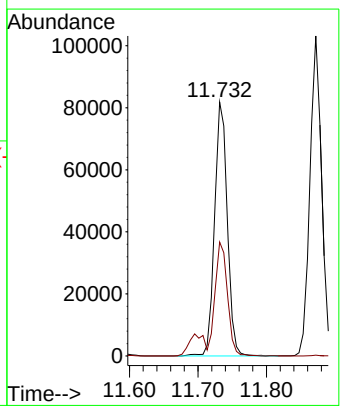


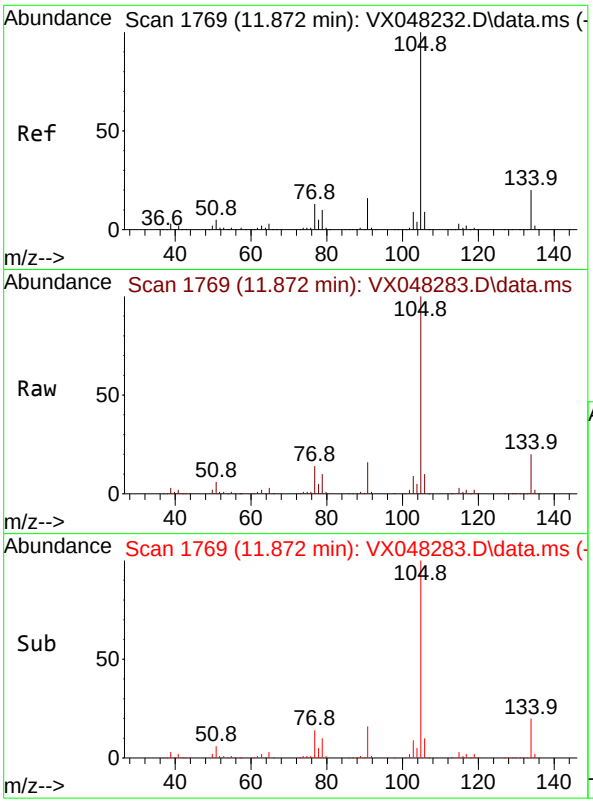




#84
1,2,4-Trimethylbenzene
Concen: 19.137 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:105 Resp: 105149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.6 | 22.1 | 66.5 |



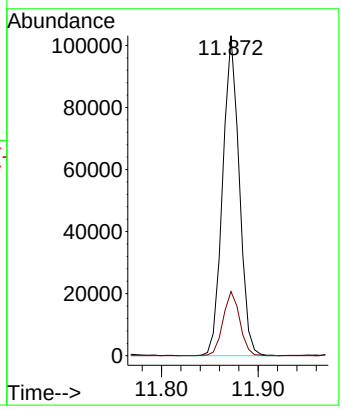


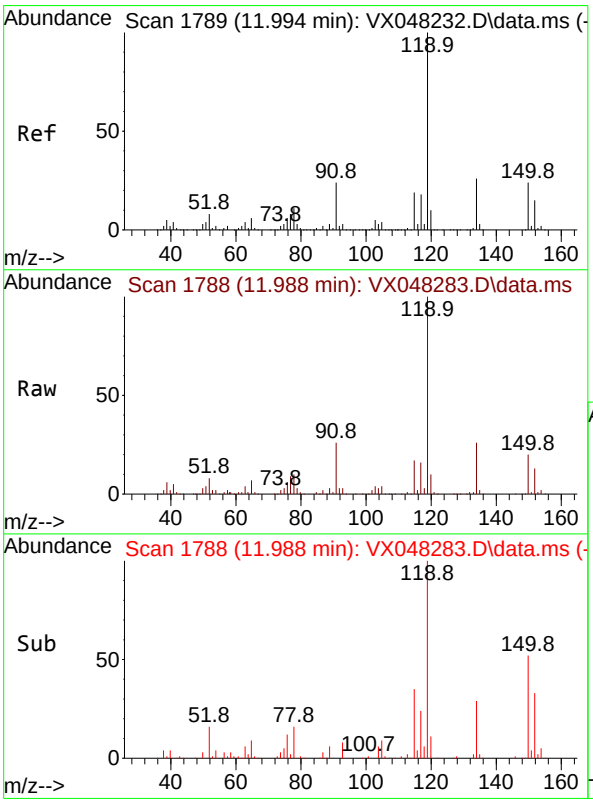

#85
sec-Butylbenzene
Concen: 18.025 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:105 Resp: 122676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.1 | 30.1 |

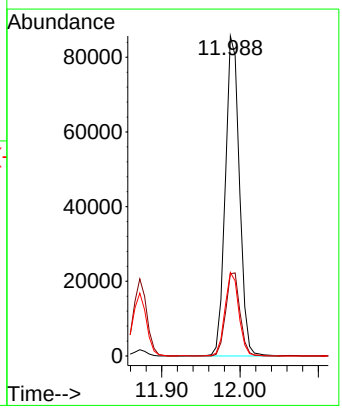


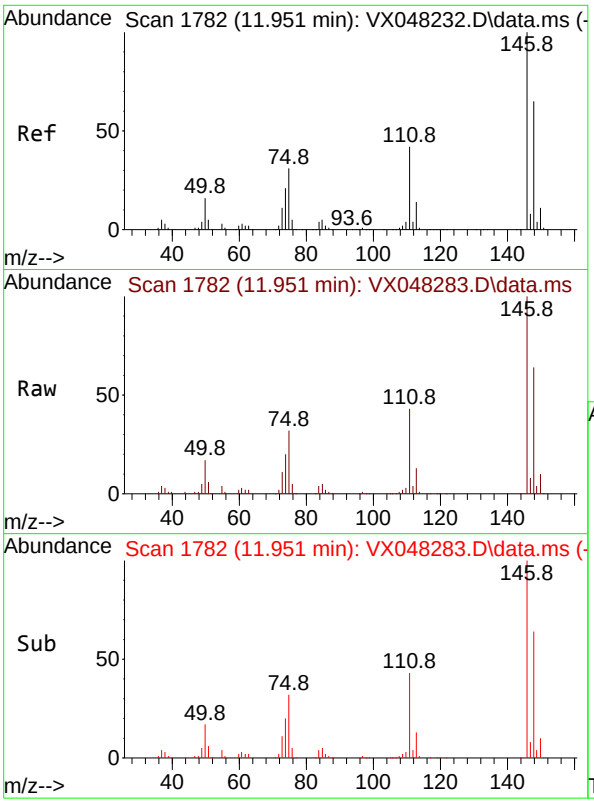




#86
p-Isopropyltoluene
Concen: 18.286 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:119 Resp: 107570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.2 | 13.0 | 39.0 |
| 91 | 25.7 | 12.1 | 36.3 |



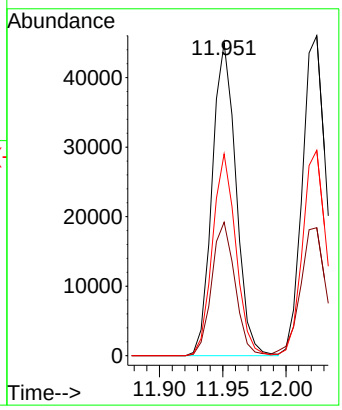


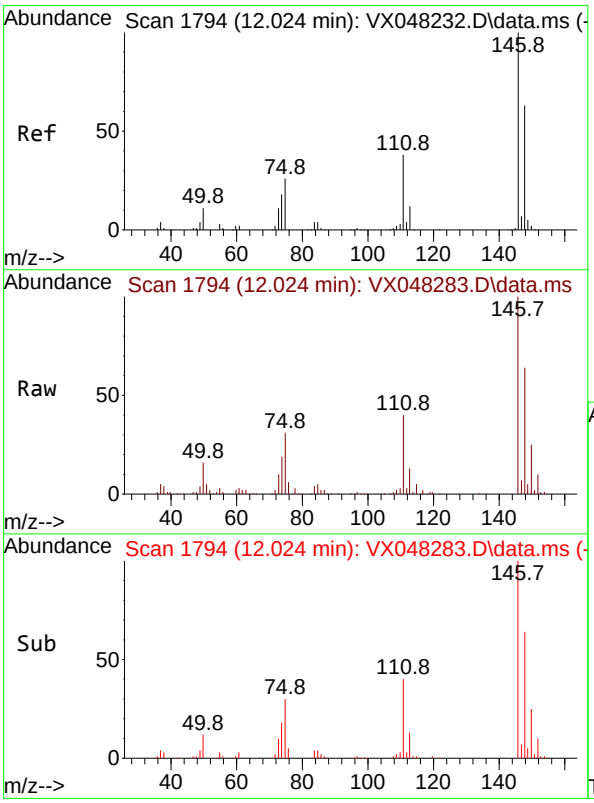

#87
1,3-Dichlorobenzene
Concen: 18.708 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:146 Resp: 58833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 20.4 | 61.2 |
| 148 | 63.2 | 31.9 | 95.9 |

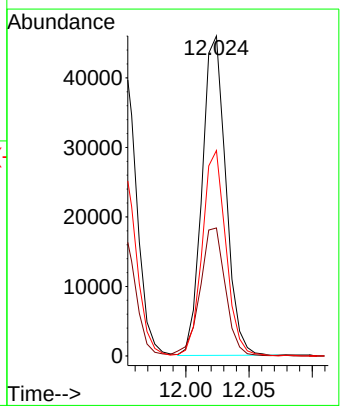


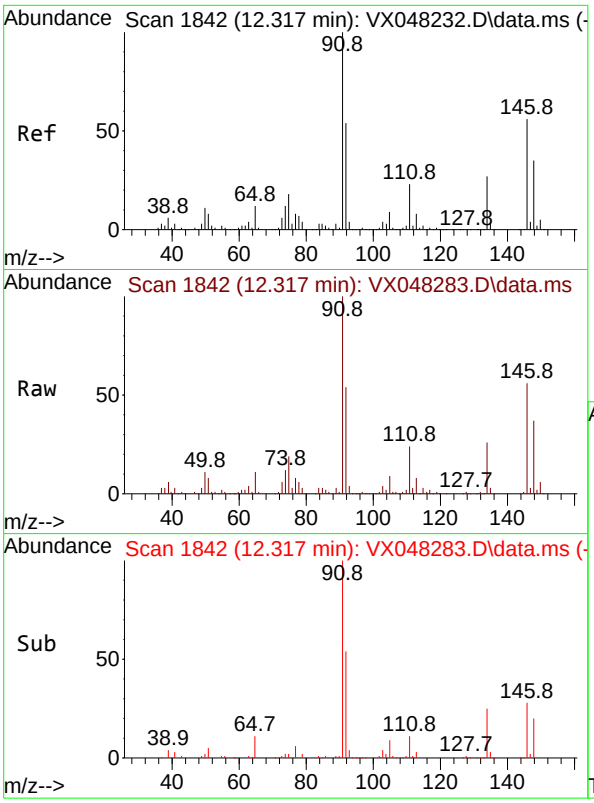




#88
1,4-Dichlorobenzene
Concen: 18.420 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:146 Resp: 60010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.4 | 20.1 | 60.2 |
| 148 | 64.4 | 31.8 | 95.3 |



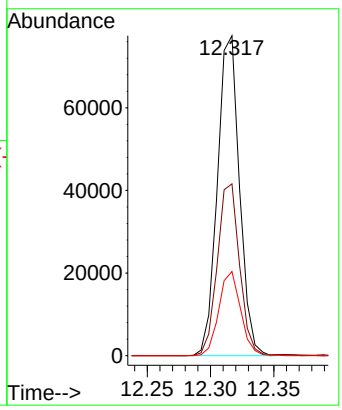


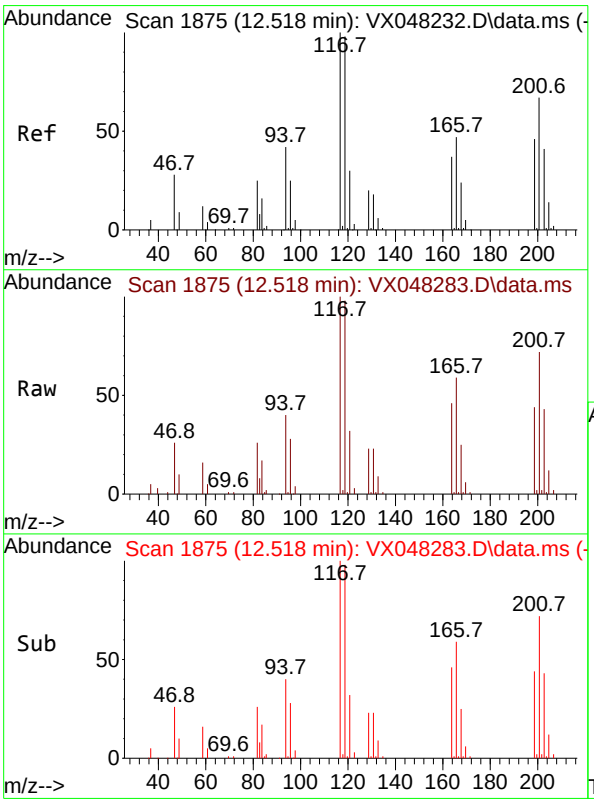

#89
n-Butylbenzene
Concen: 17.540 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion: 91 Resp: 93913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.4 | 26.9 | 80.6 |
| 134 | 26.0 | 12.7 | 38.1 |

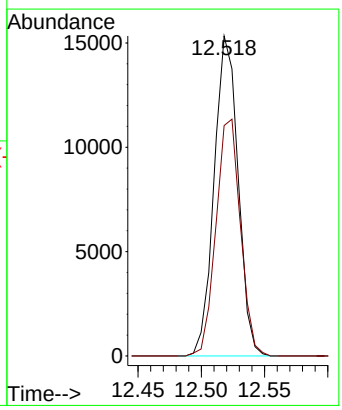


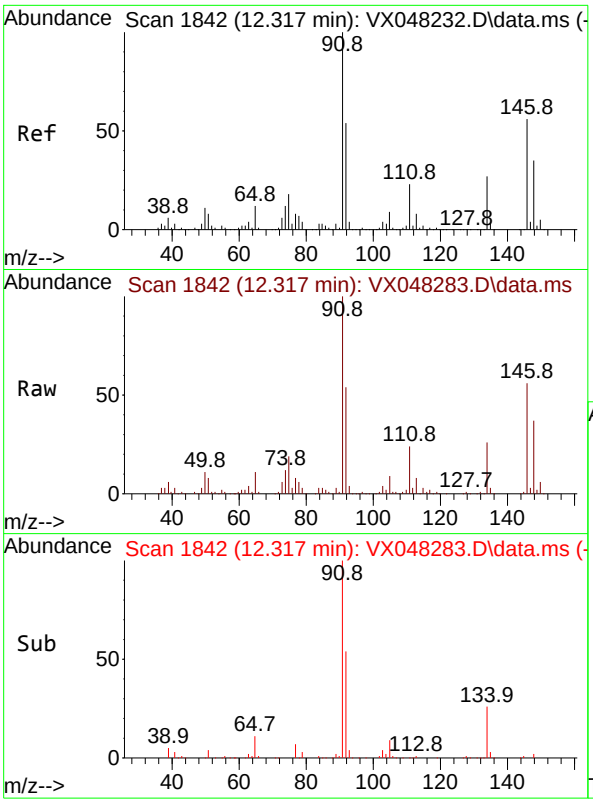




#90
Hexachloroethane
Concen: 17.328 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:117 Resp: 20129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 75.6 | 34.1 | 102.2 |



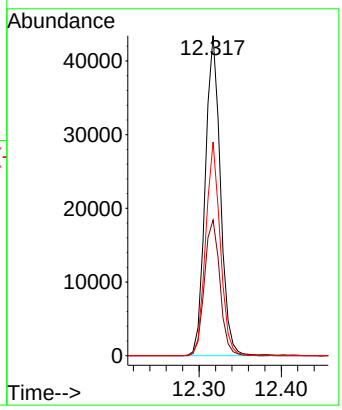


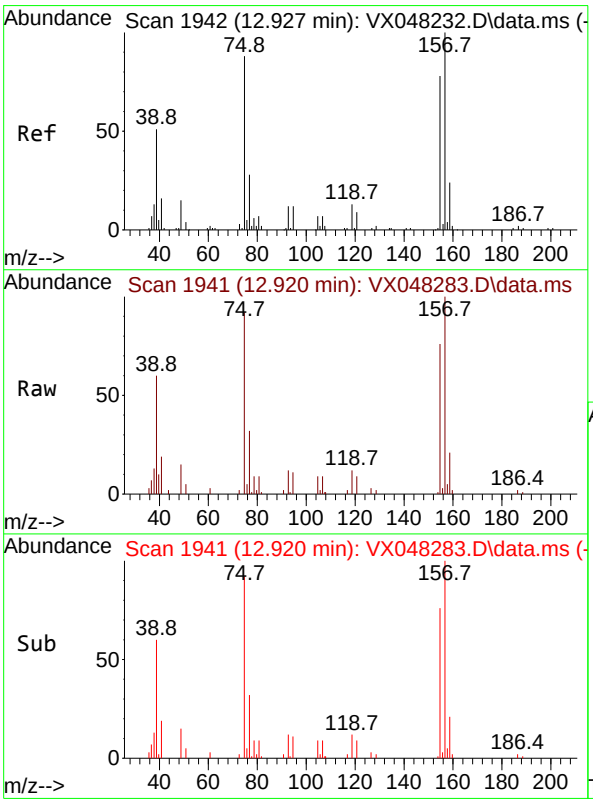

#91
1,2-Dichlorobenzene
Concen: 18.823 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:146 Resp: 55576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.3 | 21.9 | 65.5 |
| 148 | 64.0 | 31.9 | 95.5 |

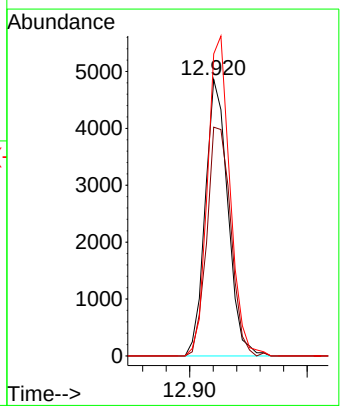


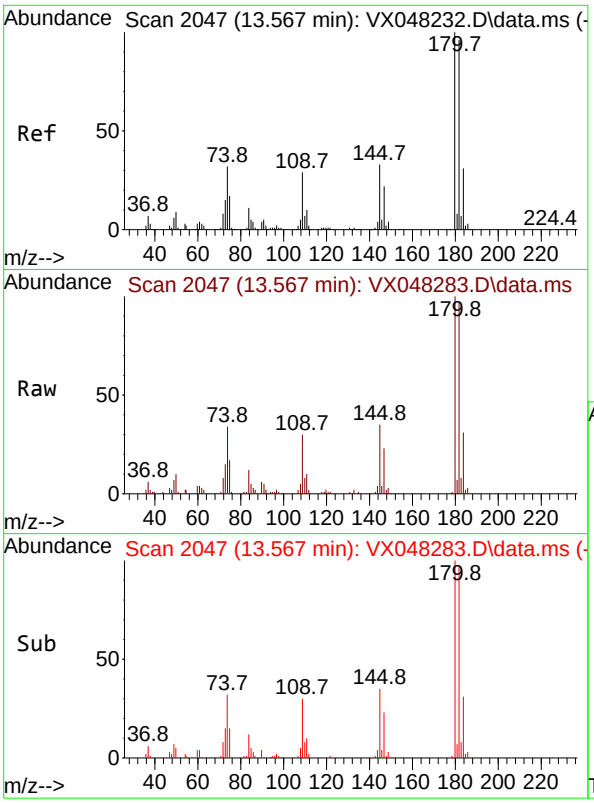




#92
1,2-Dibromo-3-Chloropropane
Concen: 17.598 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion: 75 Resp: 6490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 87.8 | 42.8 | 128.4 |
| 157 | 114.9 | 54.2 | 162.6 |



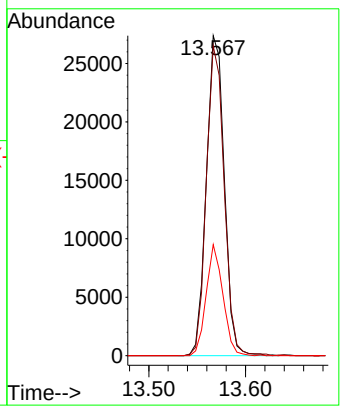


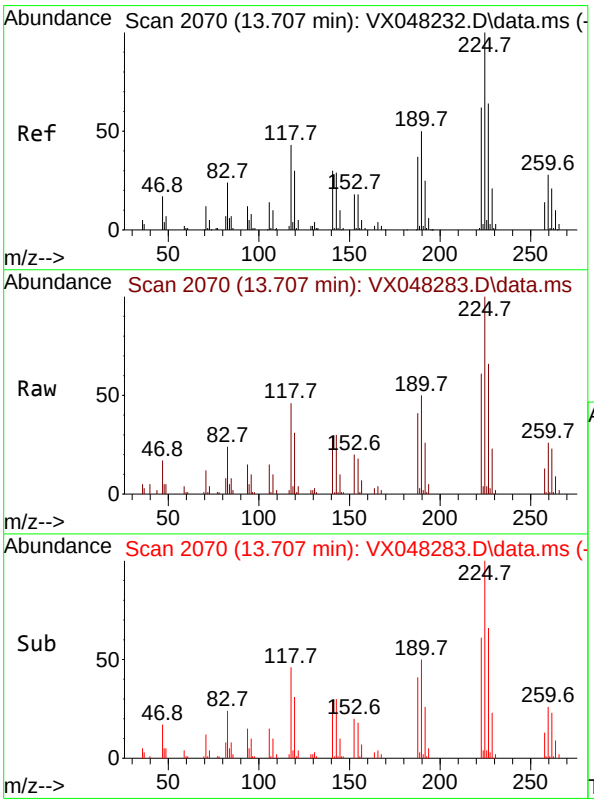

#93
1,2,4-Trichlorobenzene
Concen: 17.699 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:180 Resp: 35339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 47.3 | 142.0 |
| 145 | 32.5 | 16.3 | 48.9 |

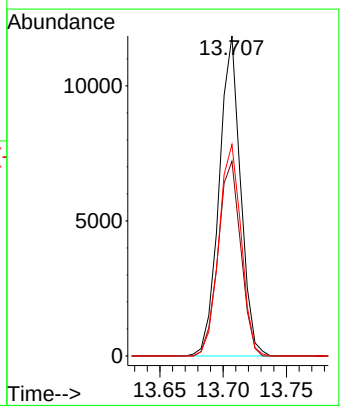


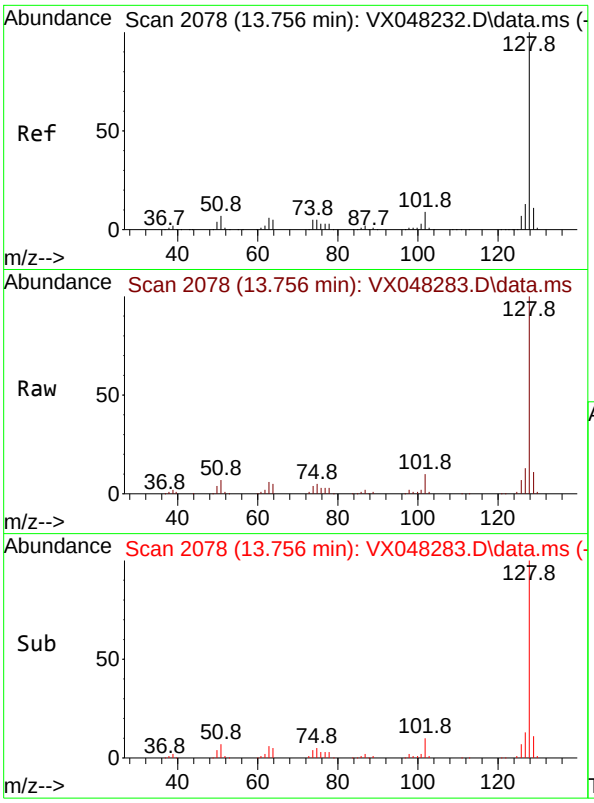




#94
Hexachlorobutadiene
Concen: 18.594 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:225 Resp: 13881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.3 | 32.6 | 97.7 |
| 227 | 68.8 | 32.5 | 97.4 |



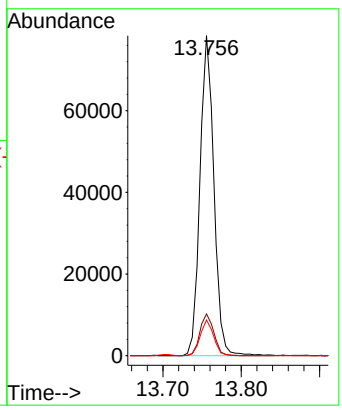


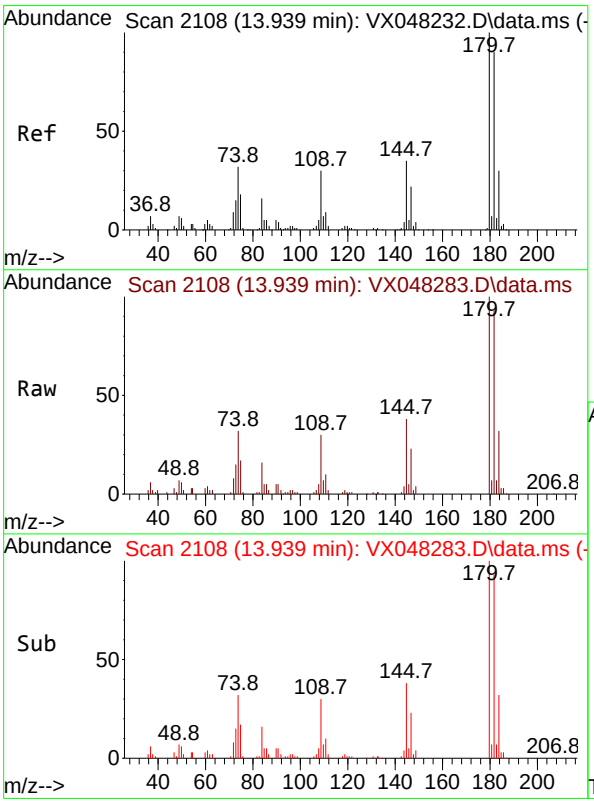

#95
Naphthalene
Concen: 18.305 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBS01

Tgt Ion:128 Resp: 96835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.2 | 15.4 |
| 129 | 10.7 | 8.6 | 12.8 |

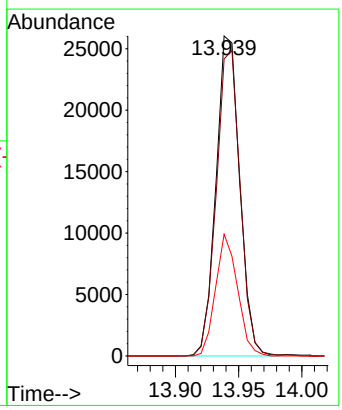



#96
1,2,3-Trichlorobenzene
Concen: 18.518 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048283.D
Acq: 22 Oct 2025 09:53

Tgt Ion:180 Resp: 33930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 46.6 | 139.7 |
| 145 | 35.2 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.532 | 168 | 120104 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 195961 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 180624 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 92297 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 82990 | 49.283 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 98.560% | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 65947 | 49.295 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 98.580% | | |
| 50) Toluene-d8 | 8.629 | 98 | 230741 | 49.207 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 98.420% | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 88101 | 49.387 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 98.780% | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 23340 | 18.904 | ug/l | 96 |
| 3) Chloromethane | 1.301 | 50 | 22183 | 19.248 | ug/l | 98 |
| 4) Vinyl Chloride | 1.380 | 62 | 18991 | 17.795 | ug/l | 99 |
| 5) Bromomethane | 1.618 | 94 | 12429 | 17.161 | ug/l | 99 |
| 6) Chloroethane | 1.697 | 64 | 10355 | 16.512 | ug/l # | 86 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 36108 | 17.642 | ug/l | 96 |
| 8) Diethyl Ether | 2.136 | 74 | 9485 | 16.470 | ug/l | 90 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 23134 | 17.849 | ug/l | 95 |
| 10) Methyl Iodide | 2.453 | 142 | 29973 | 18.396 | ug/l | 97 |
| 11) Tert butyl alcohol | 2.941 | 59 | 12474 | 74.608 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 21375 | 16.952 | ug/l | 89 |
| 13) Acrolein | 2.233 | 56 | 17626 | 103.366 | ug/l | 94 |
| 14) Allyl chloride | 2.666 | 41 | 34578 | 16.517 | ug/l | 95 |
| 15) Acrylonitrile | 3.056 | 53 | 51590 | 85.572 | ug/l | 99 |
| 16) Acetone | 2.374 | 43 | 48392 | 83.768 | ug/l | 95 |
| 17) Carbon Disulfide | 2.514 | 76 | 60156 | 15.137 | ug/l | 96 |
| 18) Methyl Acetate | 2.697 | 43 | 20120 | 16.677 | ug/l | 96 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 76922 | 17.882 | ug/l | 95 |
| 20) Methylene Chloride | 2.788 | 84 | 25251 | 17.939 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 23986 | 17.318 | ug/l | 97 |
| 22) Diisopropyl ether | 3.751 | 45 | 76447 | 18.308 | ug/l | 95 |
| 23) Vinyl Acetate | 3.709 | 43 | 296196 | 88.804 | ug/l | 95 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 44297 | 17.545 | ug/l | 99 |
| 25) 2-Butanone | 4.538 | 43 | 64935 | 88.805 | ug/l | 96 |
| 26) 2,2-Dichloropropane | 4.459 | 77 | 41209 | 18.083 | ug/l | 97 |
| 27) cis-1,2-Dichloroethene | 4.477 | 96 | 29677 | 18.359 | ug/l | 99 |
| 28) Bromochloromethane | 4.885 | 49 | 19339 | 18.473 | ug/l | 85 |
| 29) Tetrahydrofuran | 4.983 | 42 | 38740 | 88.463 | ug/l | 92 |
| 30) Chloroform | 5.074 | 83 | 51696 | 19.165 | ug/l | 99 |
| 31) Cyclohexane | 5.458 | 56 | 38986 | 18.651 | ug/l | 93 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 46741 | 18.802 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.678 | 75 | 34395 | 18.089 | ug/l | 99 |
| 37) Ethyl Acetate | 4.696 | 43 | 26522 | 16.828 | ug/l # | 95 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 42819 | 18.252 | ug/l | 98 |
| 39) Methylcyclohexane | 7.367 | 83 | 40011 | 17.817 | ug/l | 93 |
| 40) Benzene | 6.019 | 78 | 102728 | 18.608 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.904 | 41 | 15325 | 18.516 ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 39959 | 19.615 ug/l | | 100 |
| 43) Isopropyl Acetate | 6.324 | 43 | 47991 | 18.537 ug/l | # | 94 |
| 44) Trichloroethene | 7.111 | 130 | 27345 | 18.759 ug/l | | 89 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 25354 | 19.317 ug/l | | 97 |
| 46) Dibromomethane | 7.568 | 93 | 20155 | 19.710 ug/l | | 93 |
| 47) Bromodichloromethane | 7.806 | 83 | 43009 | 19.480 ug/l | | 97 |
| 48) Methyl methacrylate | 7.678 | 41 | 24768 | 18.959 ug/l | | 95 |
| 49) 1,4-Dioxane | 7.647 | 88 | 6857 | 397.302 ug/l | | 93 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 143580 | 96.190 ug/l | | 98 |
| 52) Toluene | 8.702 | 92 | 68859 | 19.634 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 42100 | 19.787 ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 43961 | 19.150 ug/l | | 91 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 26128 | 20.033 ug/l | | 96 |
| 56) Ethyl methacrylate | 9.098 | 69 | 37038 | 19.415 ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 44479 | 19.965 ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 87997 | 86.903 ug/l | | 95 |
| 59) 2-Hexanone | 9.415 | 43 | 100647 | 96.700 ug/l | | 96 |
| 60) Dibromochloromethane | 9.500 | 129 | 33589 | 19.161 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 28498 | 20.496 ug/l | | 93 |
| 64) Tetrachloroethene | 9.257 | 164 | 24658 | 18.287 ug/l | | 91 |
| 65) Chlorobenzene | 10.061 | 112 | 77769 | 19.140 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 28328 | 18.982 ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 129701 | 18.749 ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 99982 | 38.899 ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 47318 | 19.068 ug/l | | 100 |
| 70) Styrene | 10.634 | 104 | 82638 | 19.558 ug/l | | 100 |
| 71) Bromoform | 10.781 | 173 | 22550 | 18.905 ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 124929 | 18.532 ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 42802 | 17.899 ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 34771 | 18.887 ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 36161 | 24.160 ug/l | | 84 |
| 77) Bromobenzene | 11.177 | 156 | 31977 | 18.917 ug/l | | 93 |
| 78) n-propylbenzene | 11.287 | 91 | 146740 | 18.800 ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 90136 | 19.047 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 105222 | 18.861 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 10645 | 17.303 ug/l | | 96 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 105630 | 18.803 ug/l | | 96 |
| 83) tert-Butylbenzene | 11.695 | 119 | 107485 | 18.752 ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 107910 | 19.382 ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 126036 | 18.276 ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 109030 | 18.291 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 58821 | 18.459 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 60184 | 18.231 ug/l | | 98 |
| 89) n-Butylbenzene | 12.317 | 91 | 93633 | 17.258 ug/l | | 98 |
| 90) Hexachloroethane | 12.518 | 117 | 19578 | 16.632 ug/l | | 94 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 54904 | 18.351 ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 6427 | 17.199 ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 33681 | 16.647 ug/l | | 97 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 13822 | 18.273 ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 92069 | 17.176 ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 33036 | 17.794 ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

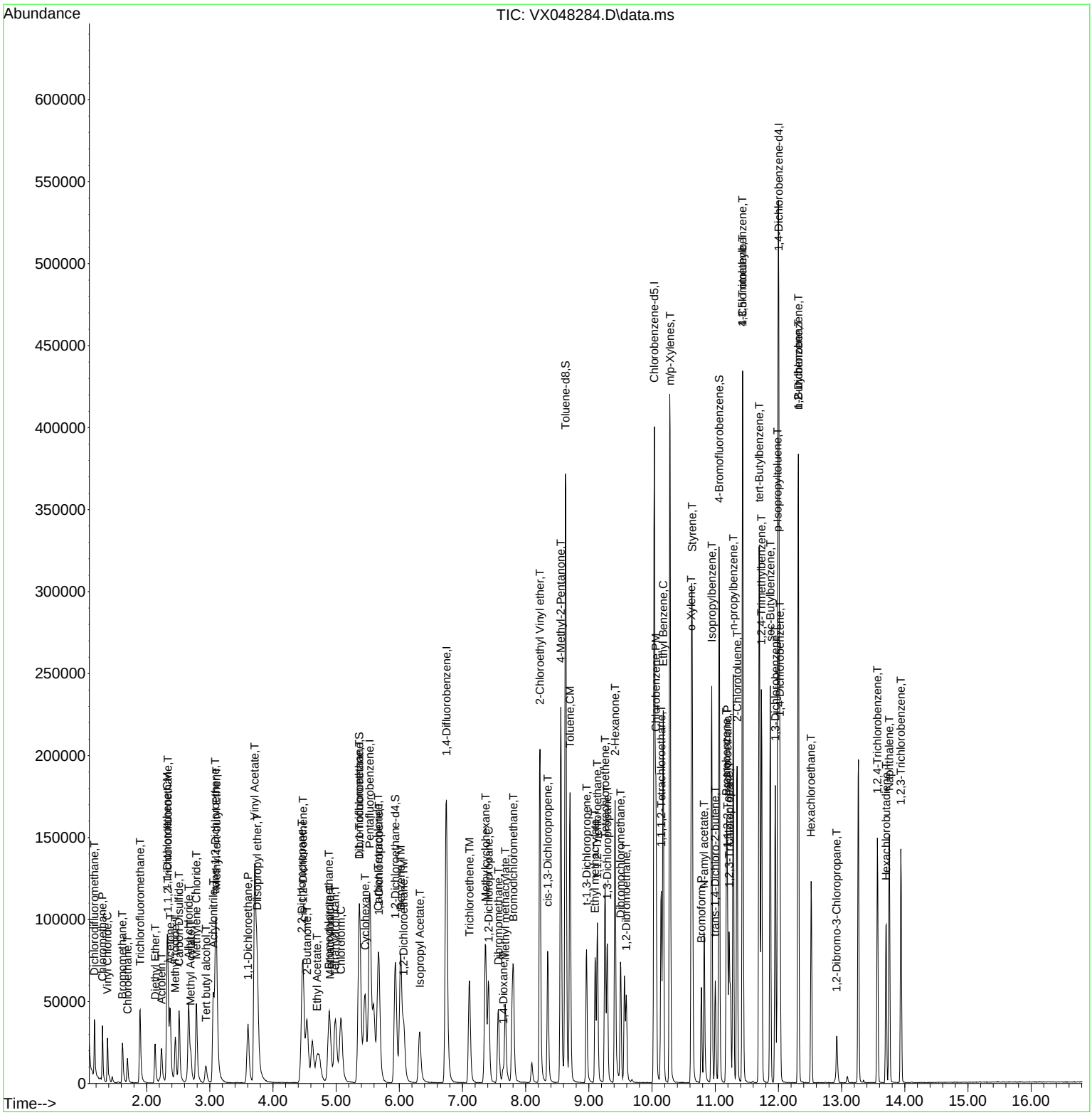
(#) = qualifier out of range (m) = manual integration (+) = signals summed

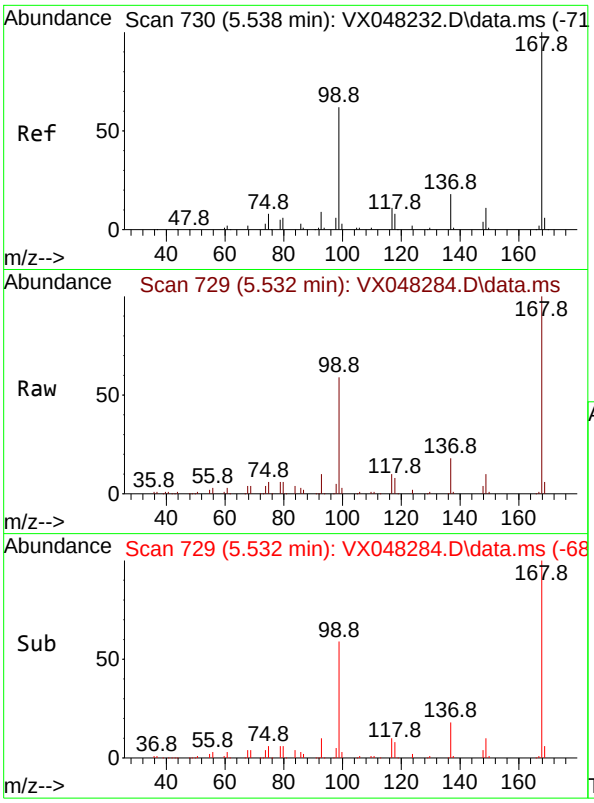
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



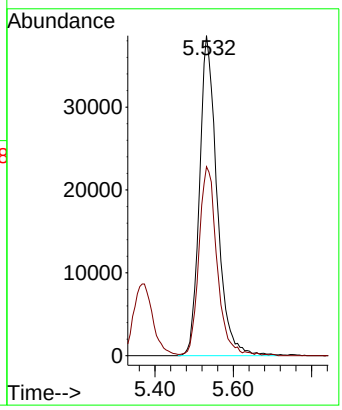


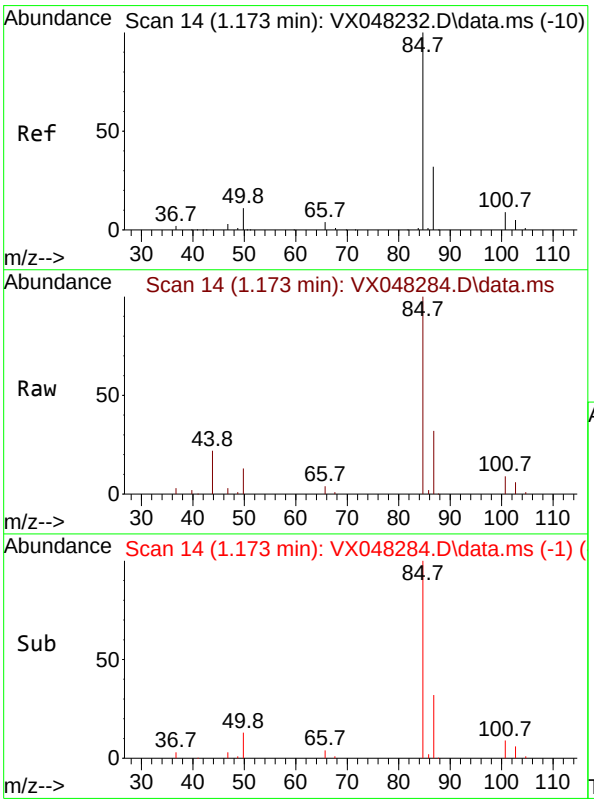

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:168 Resp: 120104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.1 | 46.4 | 69.6 |

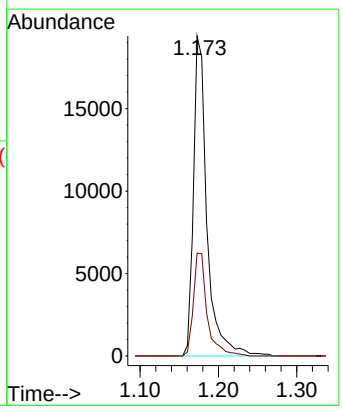


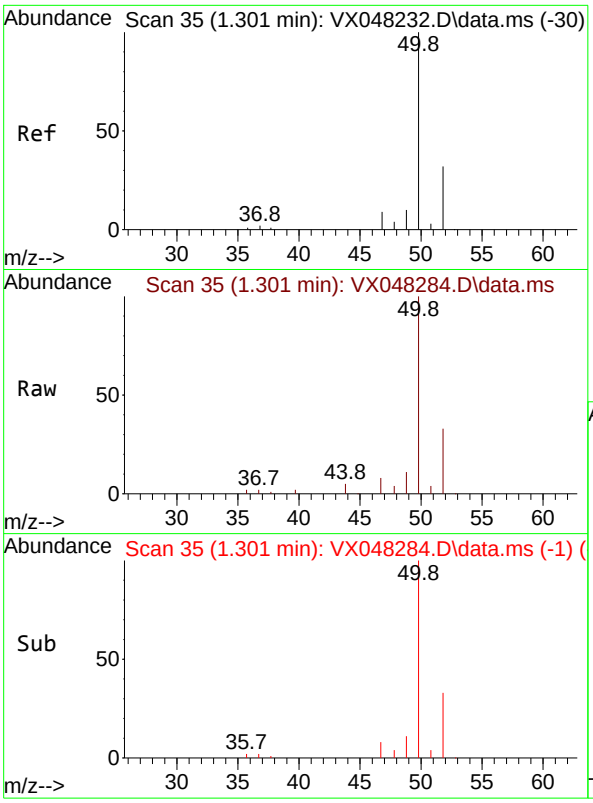




#2
Dichlorodifluoromethane
Concen: 18.904 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 85 Resp: 23340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.5 | 15.3 | 45.9 |



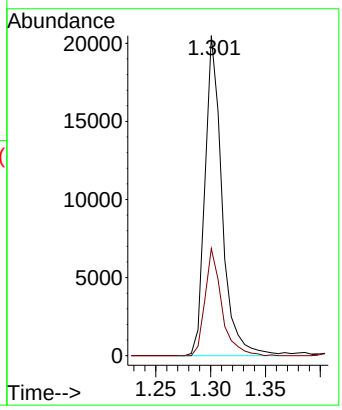


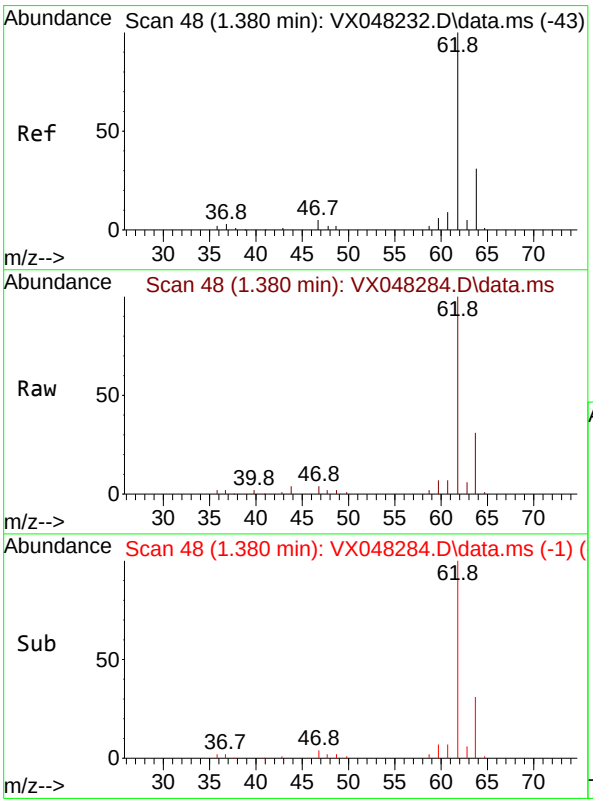

#3
Chloromethane
Concen: 19.248 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 50 Resp: 22183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.5 | 25.9 | 38.9 |

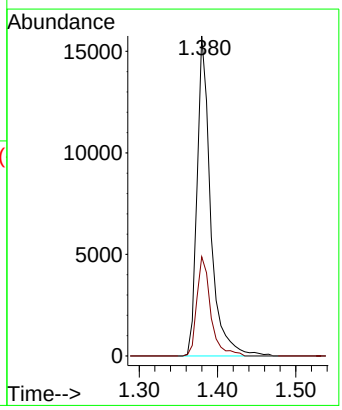


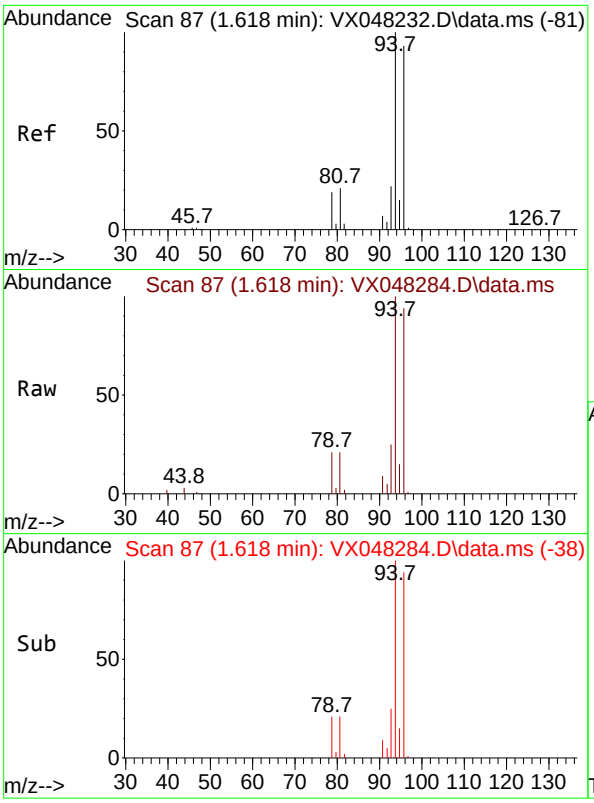




#4
Vinyl Chloride
Concen: 17.795 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 62 Resp: 18991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.0 | 25.1 | 37.7 |



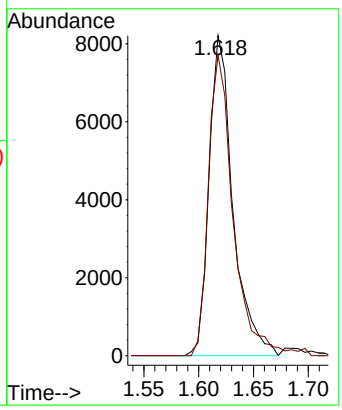


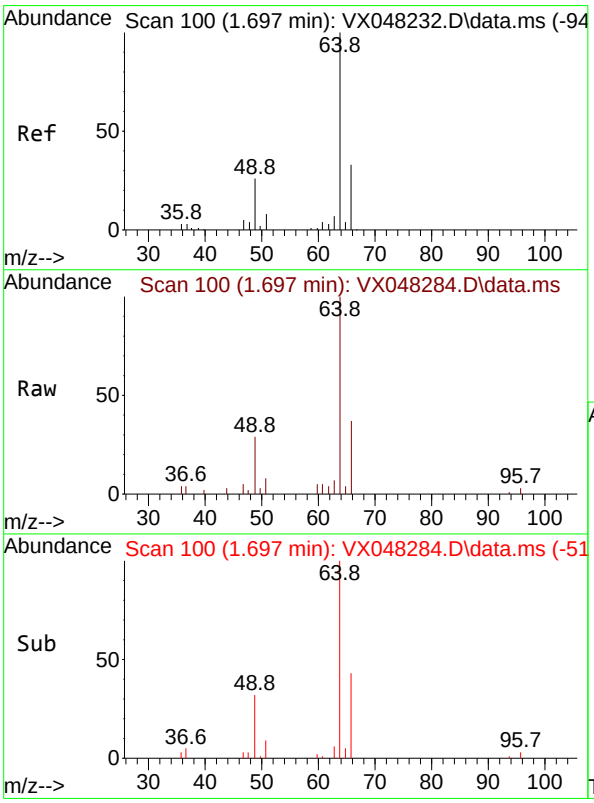

#5
Bromomethane
Concen: 17.161 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 94 Resp: 12429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.9 | 76.0 | 114.0 |

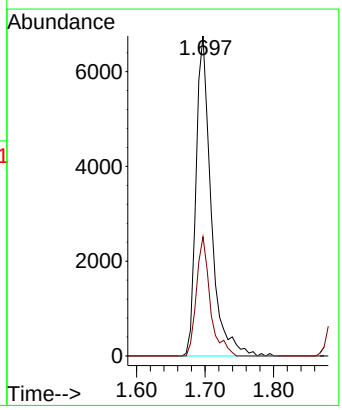


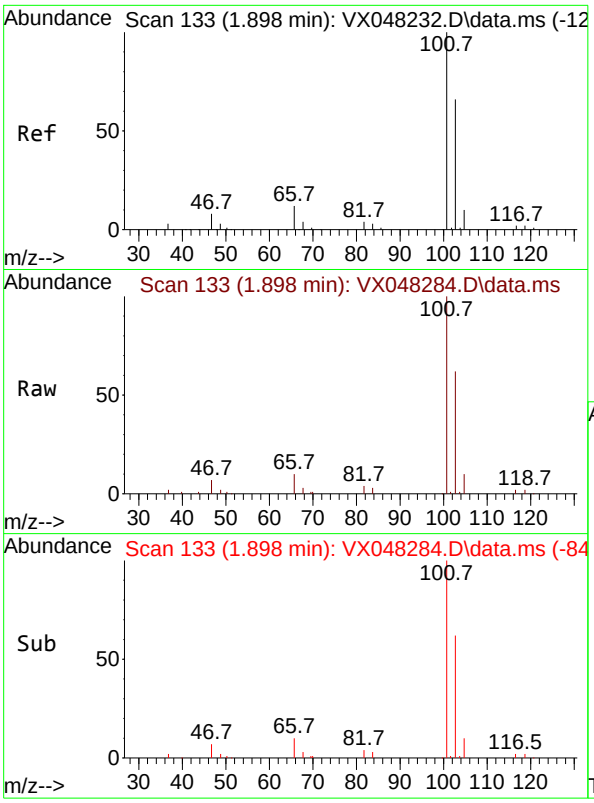




#6
Chloroethane
Concen: 16.512 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 64 Resp: 10355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 37.3 | 23.9 | 35.9# |



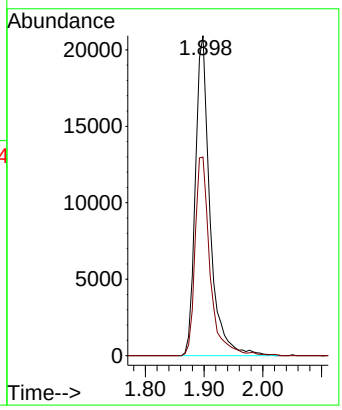


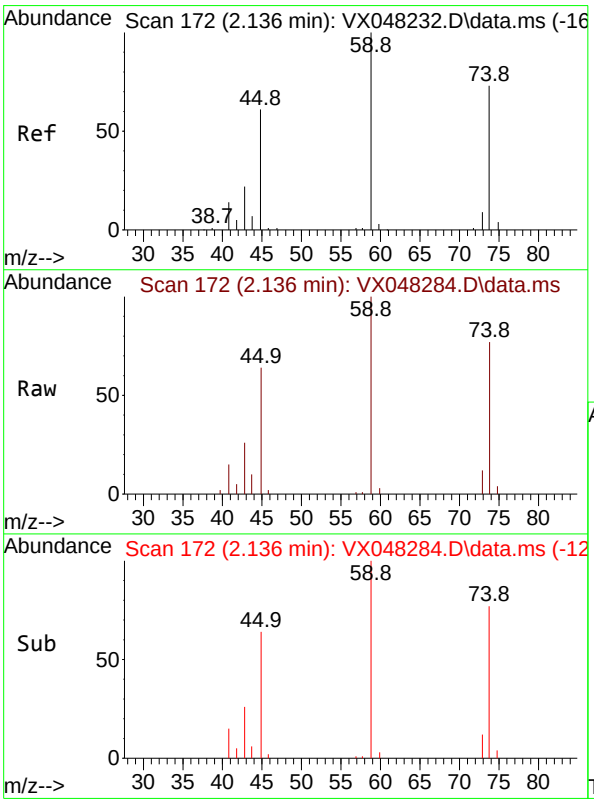

#7
Trichlorofluoromethane
Concen: 17.642 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:101 Resp: 36108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 61.4 | 51.6 | 77.4 |

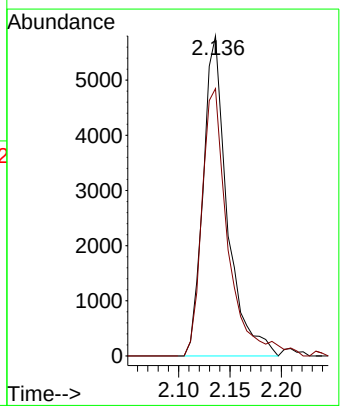


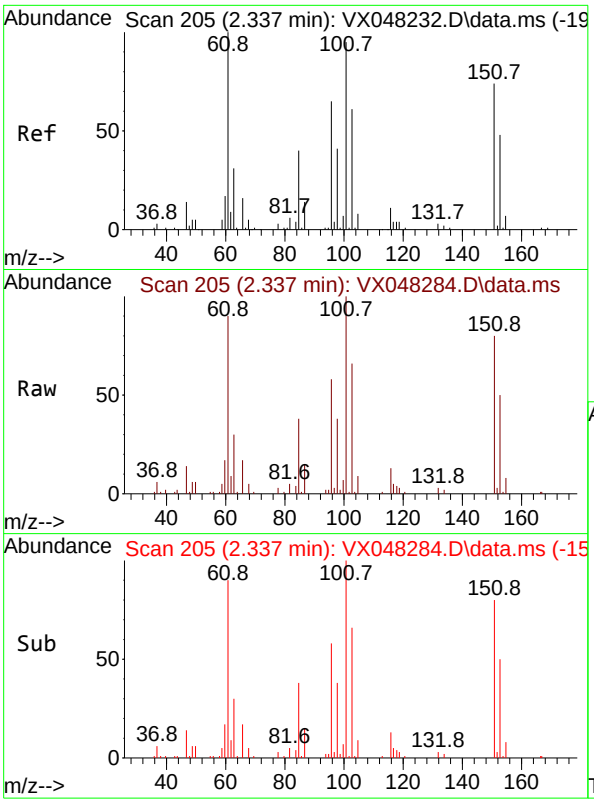




#8
Diethyl Ether
Concen: 16.470 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 74 Resp: 9485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 89.8 | 50.0 | 149.8 |



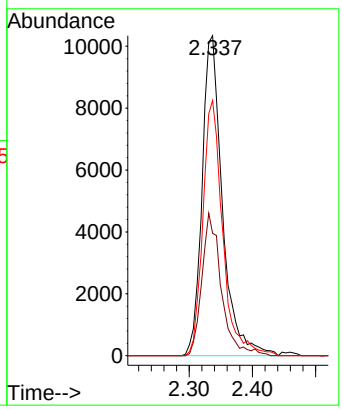


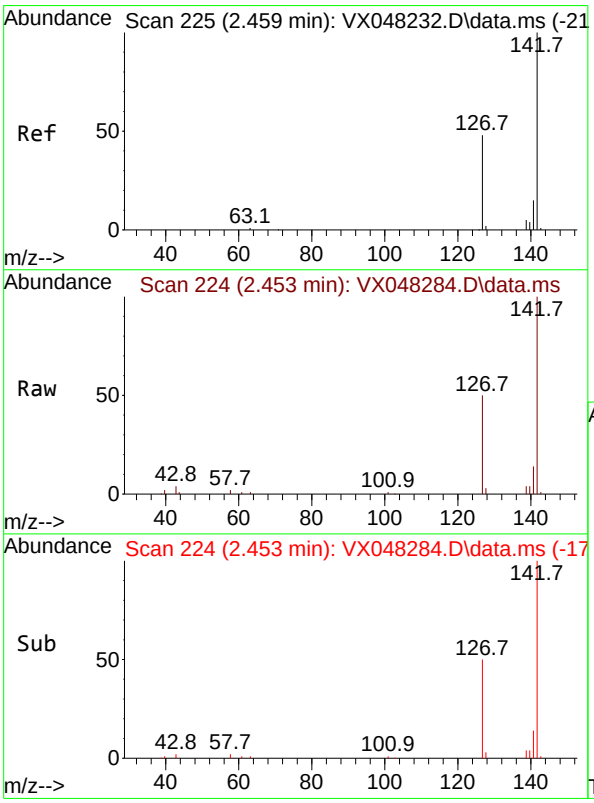

#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.849 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:101 Resp: 23134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.6 | 35.6 | 53.4 |
| 151 | 77.9 | 58.0 | 87.0 |

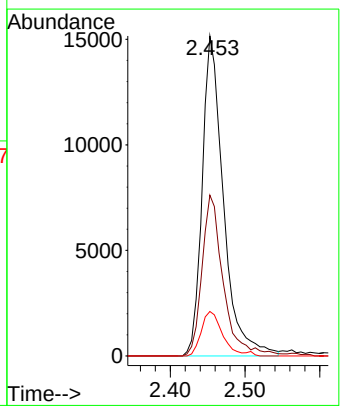


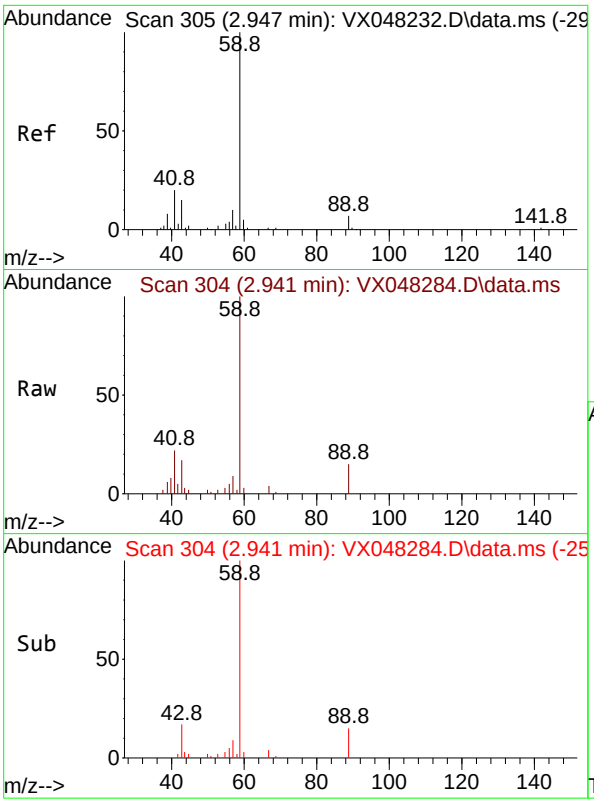




#10
Methyl Iodide
Concen: 18.396 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:142 Resp: 29973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 50.2 | 38.5 | 57.7 |
| 141 | 14.1 | 11.6 | 17.4 |



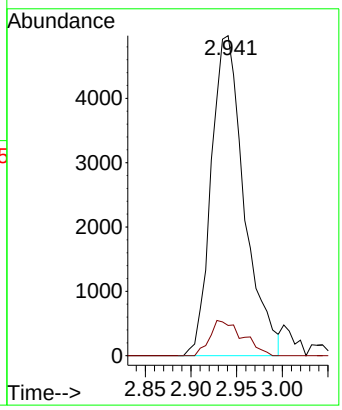


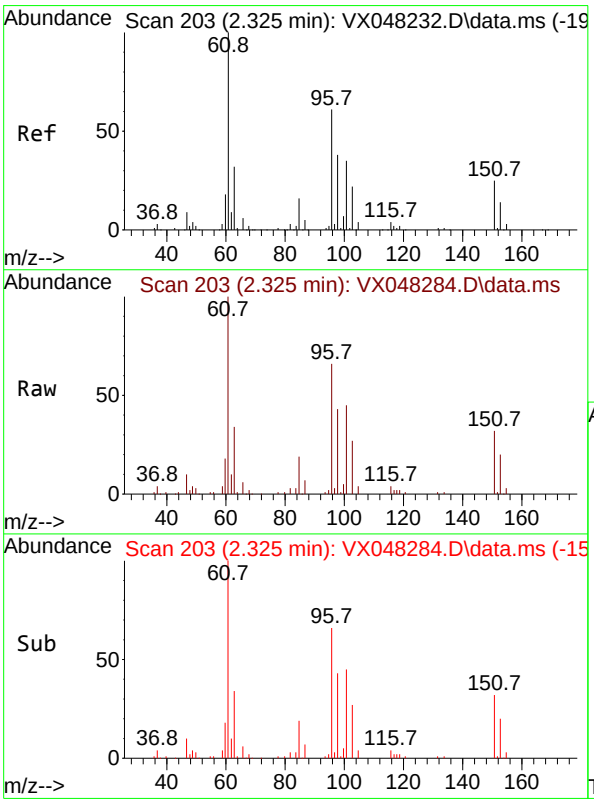

#11
Tert butyl alcohol
Concen: 74.608 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 59 Resp: 12474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.0 | 8.2 | 12.4 |

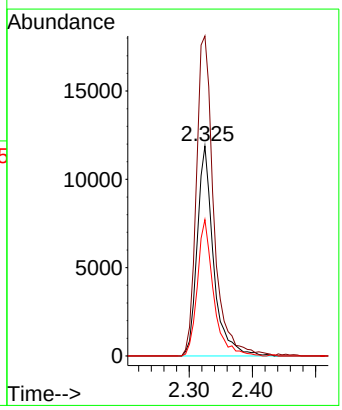


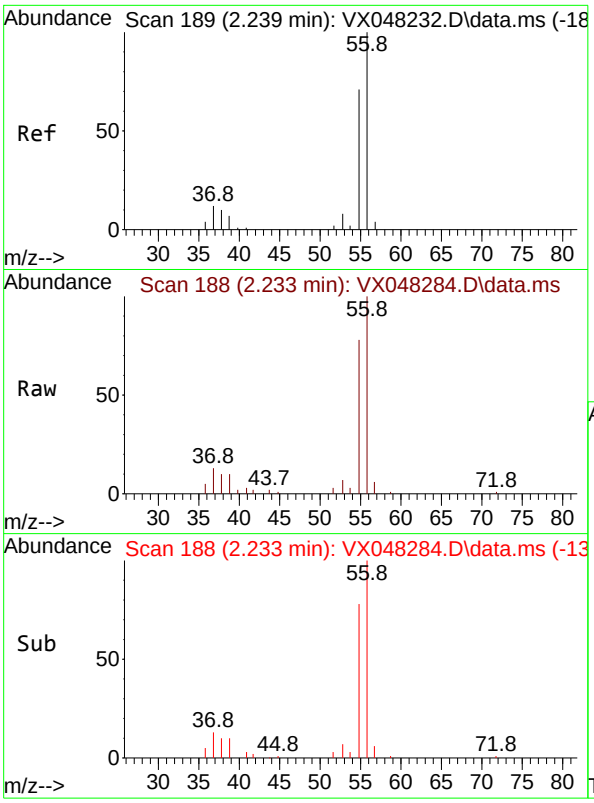




#12
1,1-Dichloroethene
Concen: 16.952 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 96 Resp: 21375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.4 | 139.0 | 208.6 |
| 98 | 64.9 | 52.4 | 78.6 |



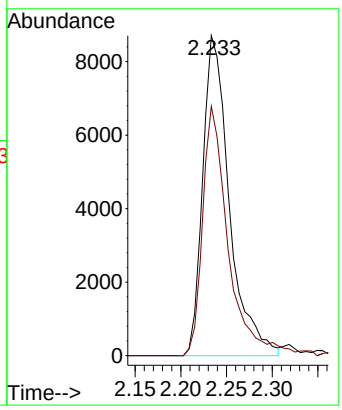


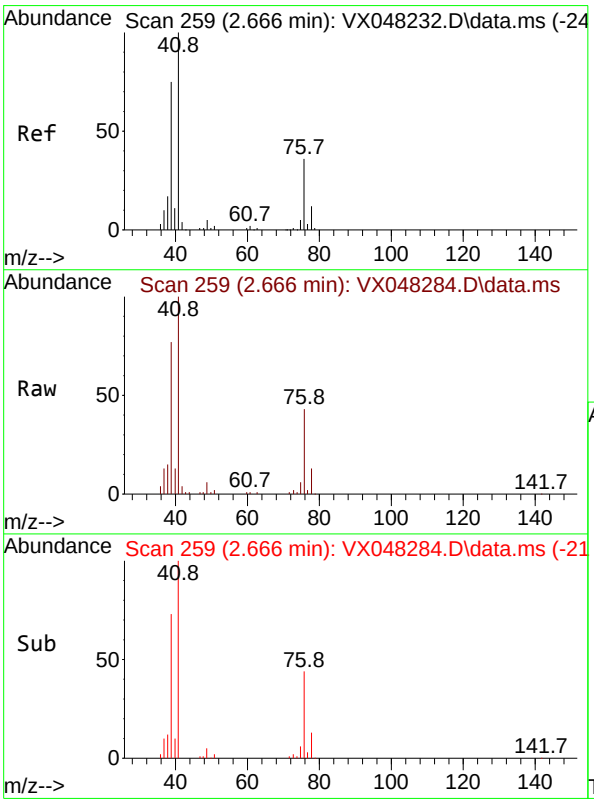

#13
Acrolein
Concen: 103.366 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 56 Resp: 17626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 75.3 | 56.1 | 84.1 |

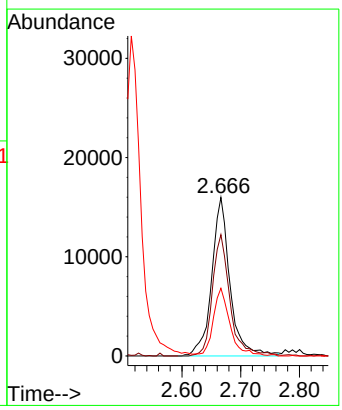


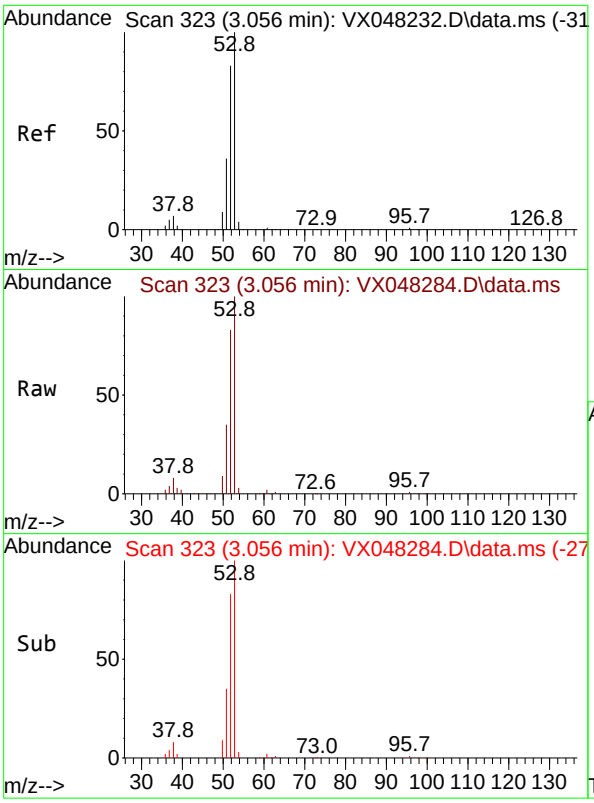




#14
Allyl chloride
Concen: 16.517 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 41 Resp: 34578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 73.3 | 56.0 | 84.0 |
| 76 | 37.8 | 27.5 | 41.3 |



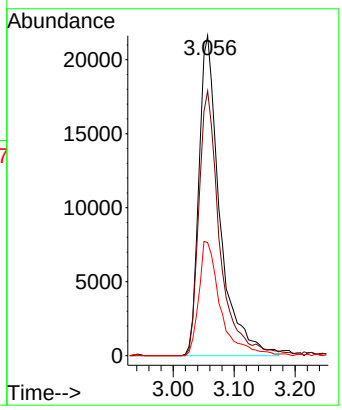


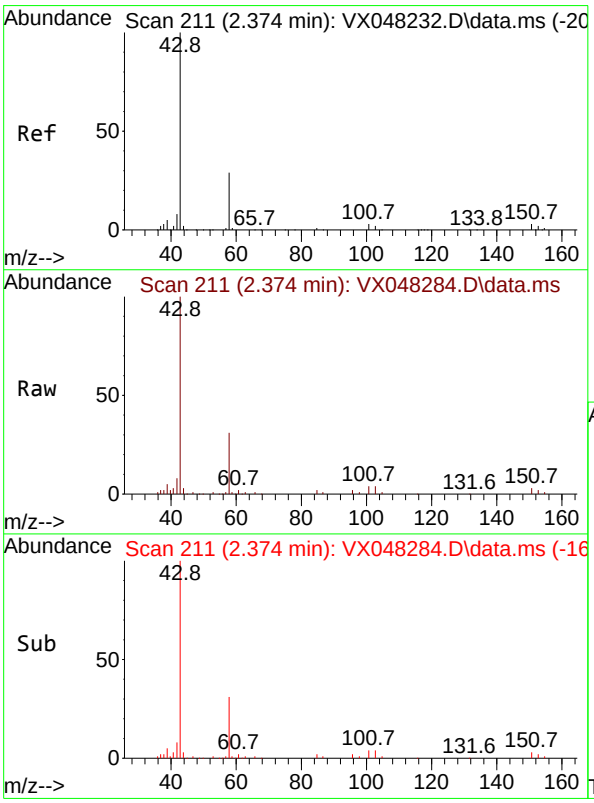

#15
Acrylonitrile
Concen: 85.572 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 53 Resp: 51590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.0 | 66.1 | 99.1 |
| 51 | 37.1 | 29.0 | 43.4 |

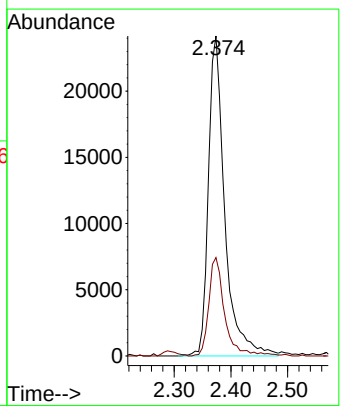


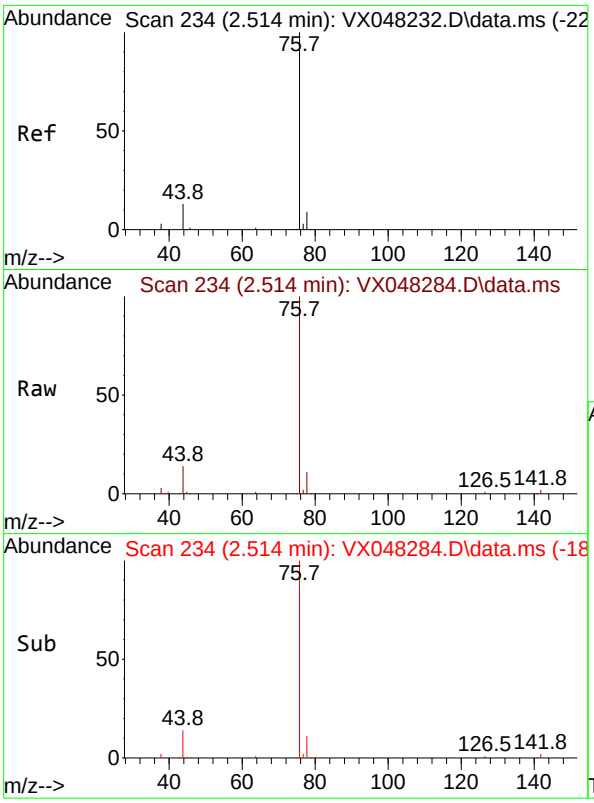




#16
Acetone
Concen: 83.768 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 48392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.9 | 23.4 | 35.2 |



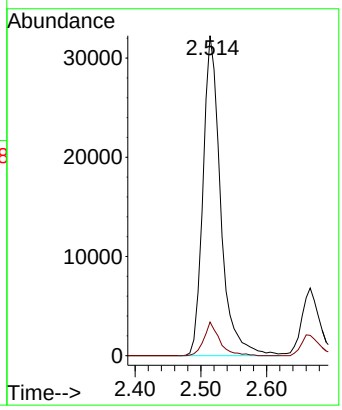


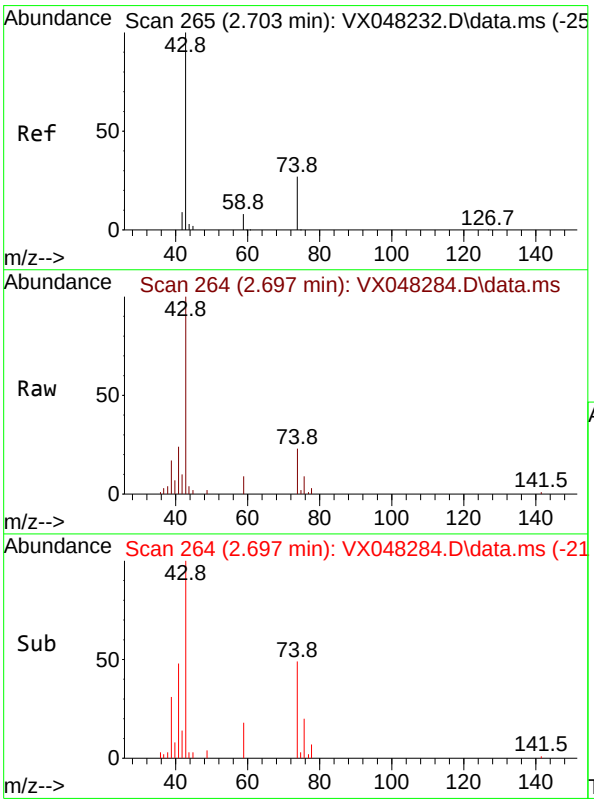

#17
Carbon Disulfide
Concen: 15.137 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 76 Resp: 60156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.5 | 7.1 | 10.7 |

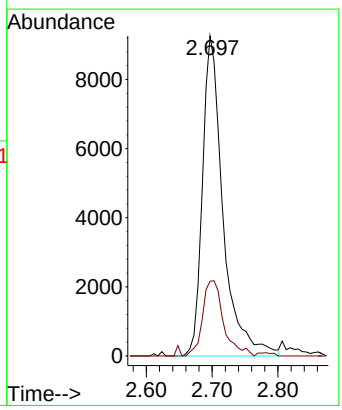


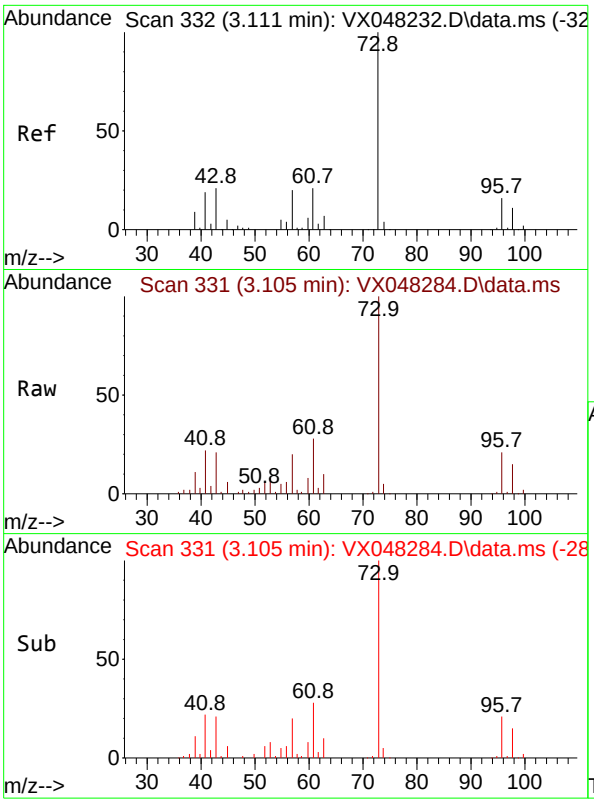




#18
Methyl Acetate
Concen: 16.677 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 20120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.9 | 17.5 | 26.3 |



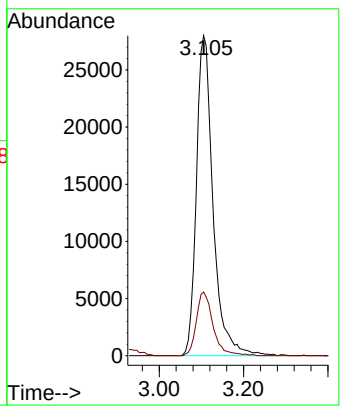


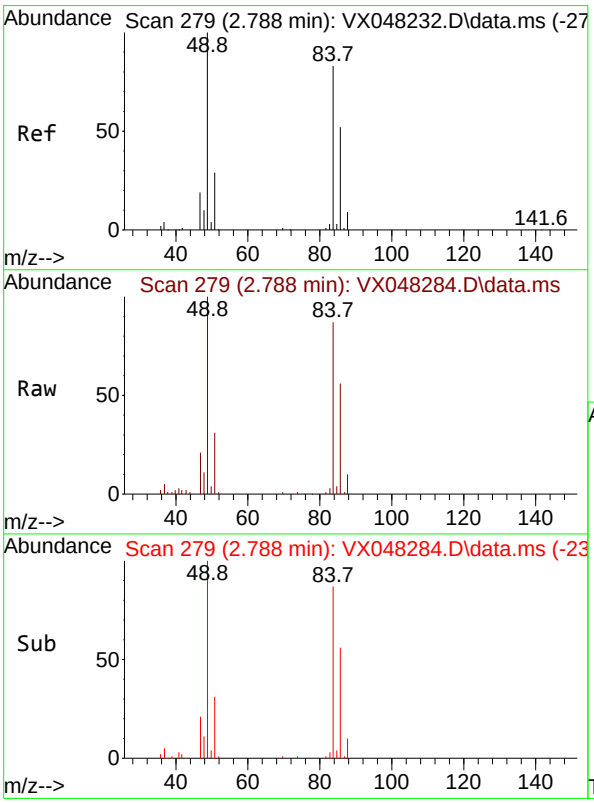

#19
Methyl tert-butyl Ether
Concen: 17.882 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 73 Resp: 76922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 19.9 | 17.7 | 26.5 |

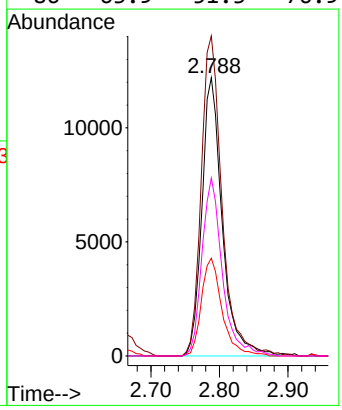


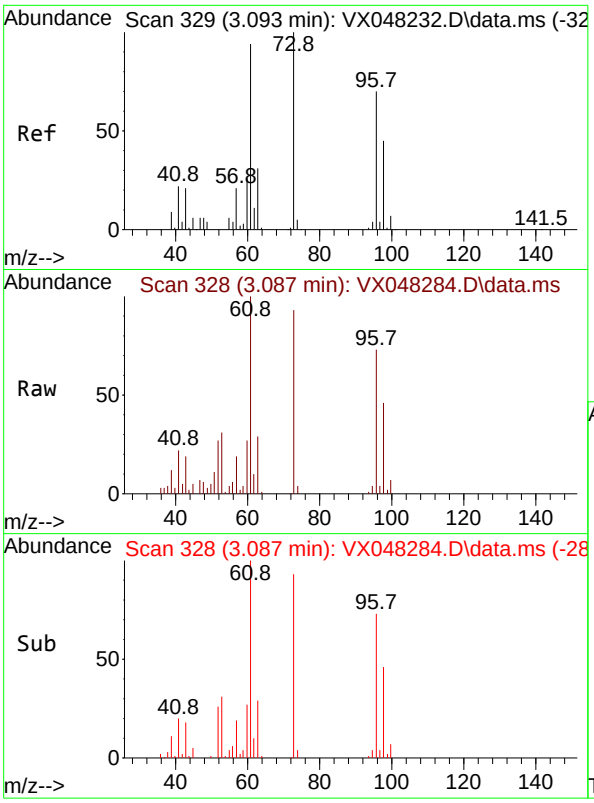




#20
Methylene Chloride
Concen: 17.939 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 84 Resp: 25251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 115.0 | 104.1 | 156.1 |
| 51 | 35.1 | 31.3 | 46.9 |
| 86 | 63.9 | 51.3 | 76.9 |



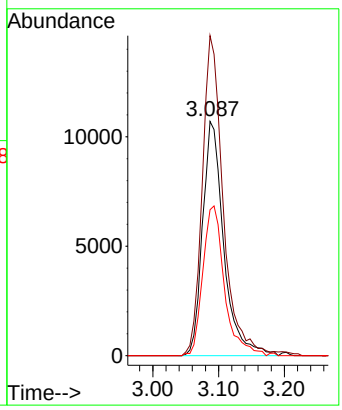


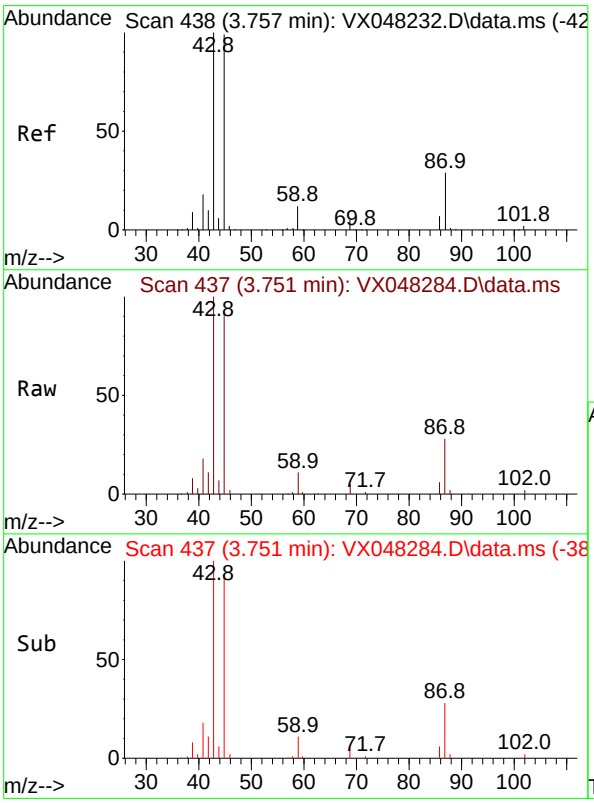

#21
trans-1,2-Dichloroethene
Concen: 17.318 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 96 Resp: 23986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.6 | 111.9 | 167.9 |
| 98 | 62.3 | 51.2 | 76.8 |

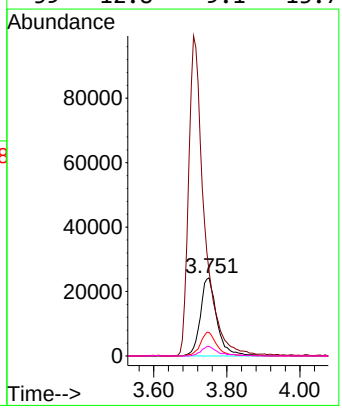


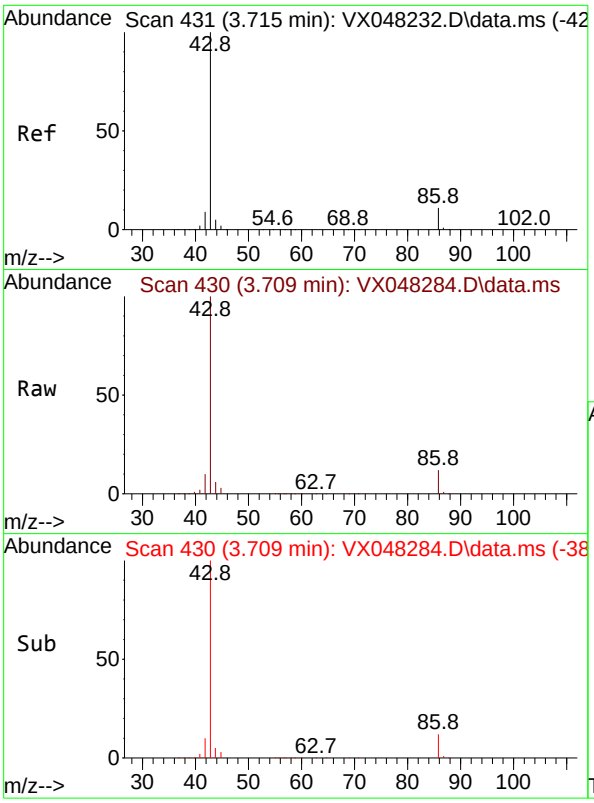




#22
Diisopropyl ether
Concen: 18.308 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 45 Resp: 76447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 107.4 | 89.8 | 134.8 |
| 87 | 30.2 | 20.6 | 31.0 |
| 59 | 12.8 | 9.1 | 13.7 |



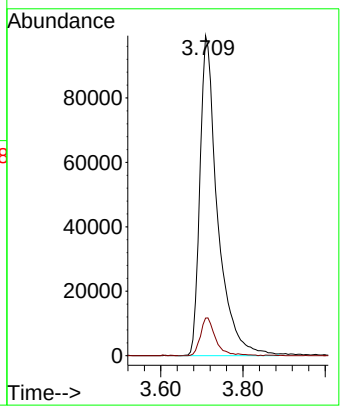


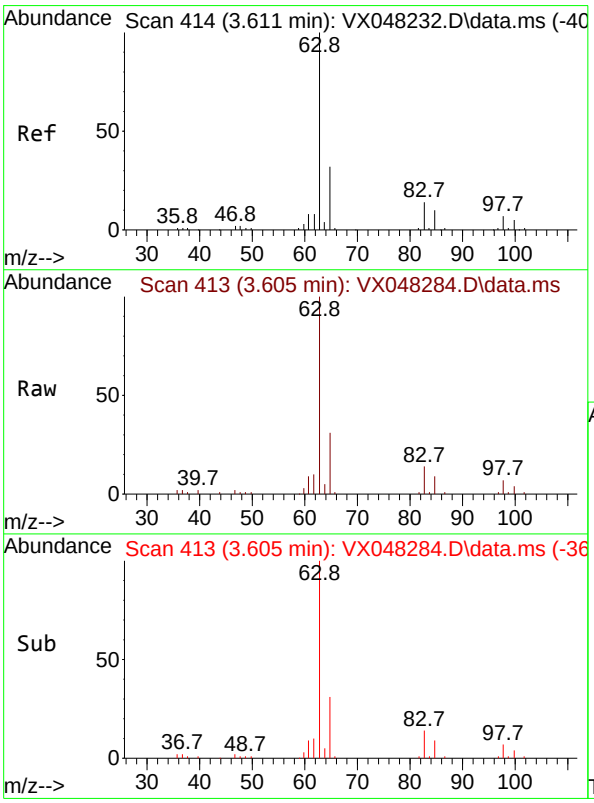

#23
Vinyl Acetate
Concen: 88.804 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 43 Resp: 296196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.7 | 7.9 | 11.9 |

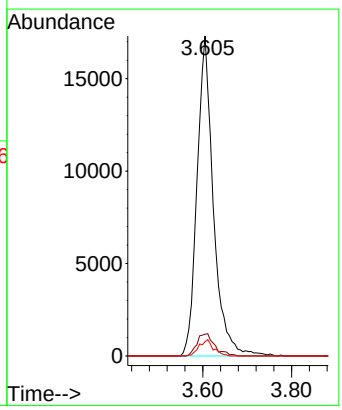


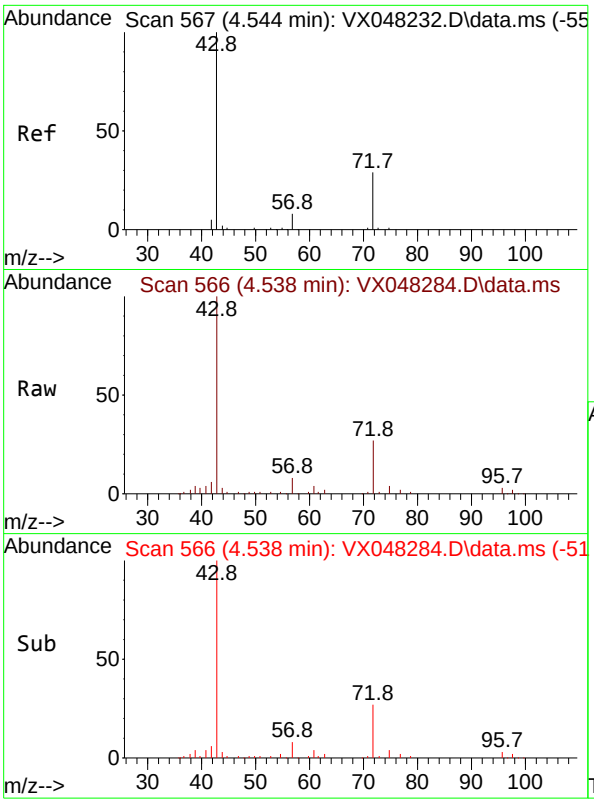




#24
1,1-Dichloroethane
Concen: 17.545 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 63 Resp: 44297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.8 | 3.5 | 10.6 |
| 100 | 4.5 | 2.1 | 6.3 |



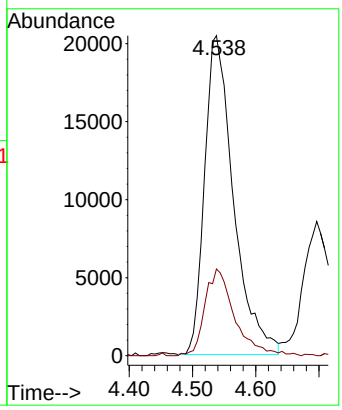


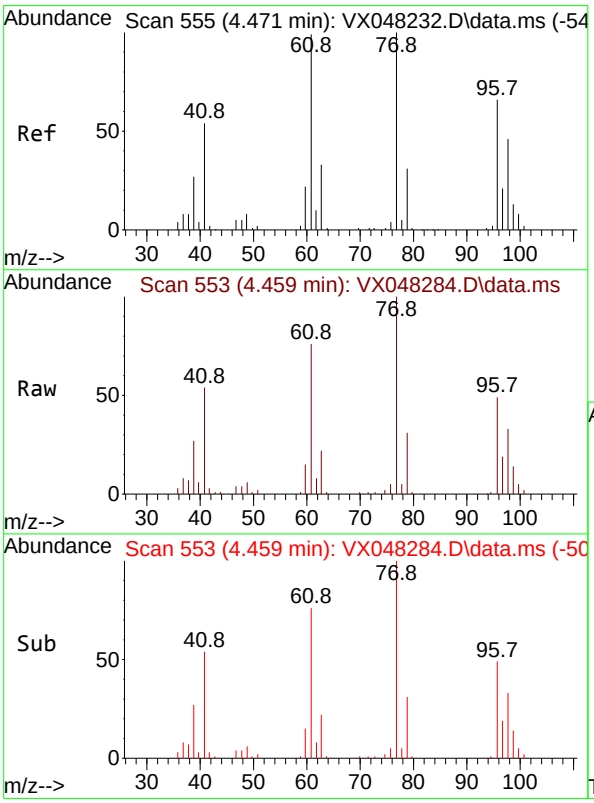

#25
2-Butanone
Concen: 88.805 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 43 Resp: 64935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.1 | 19.9 | 29.9 |

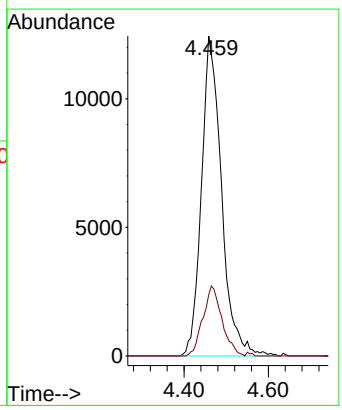


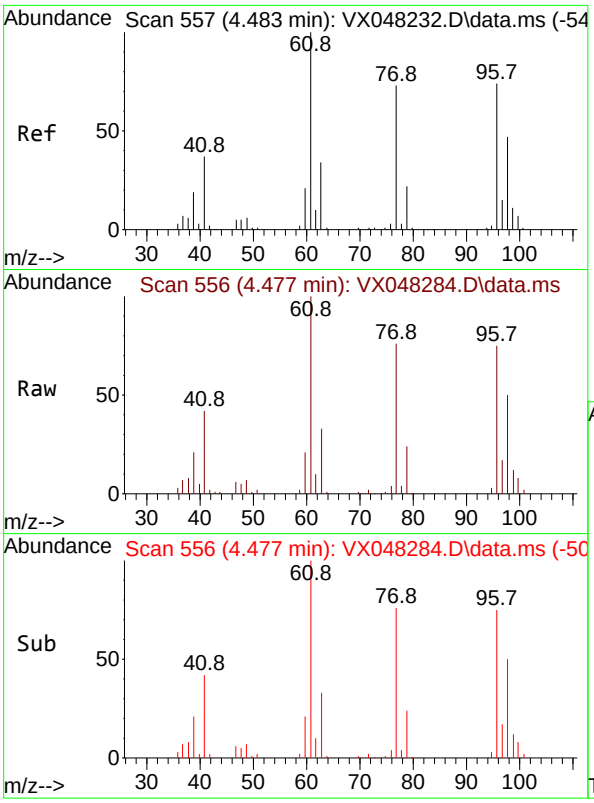




#26
2,2-Dichloropropane
Concen: 18.083 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 77 Resp: 41209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 20.8 | 11.1 | 33.3 |



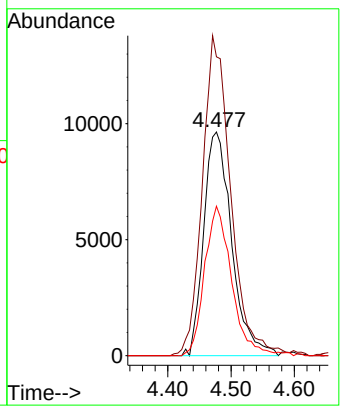


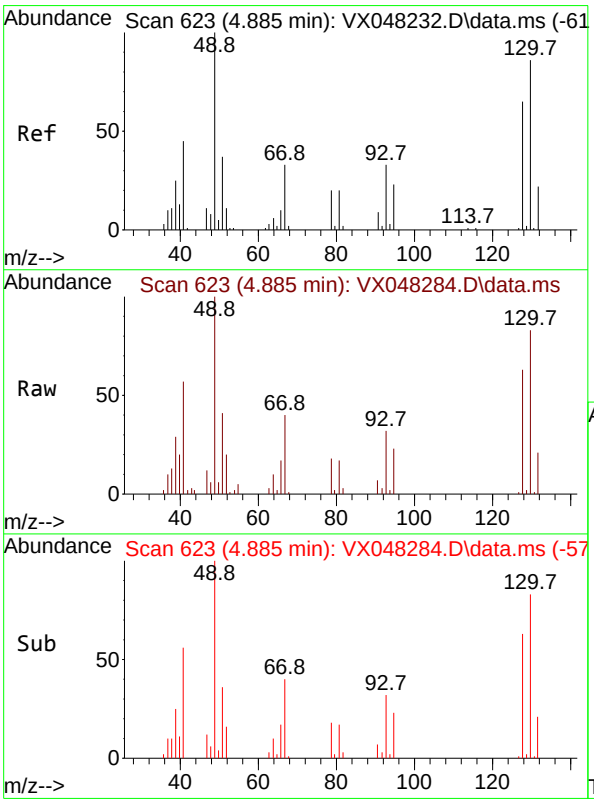

#27
cis-1,2-Dichloroethene
Concen: 18.359 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 96 Resp: 29677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.8 | 0.0 | 294.2 |
| 98 | 64.7 | 0.0 | 128.4 |

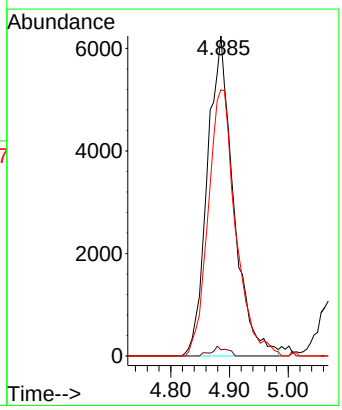


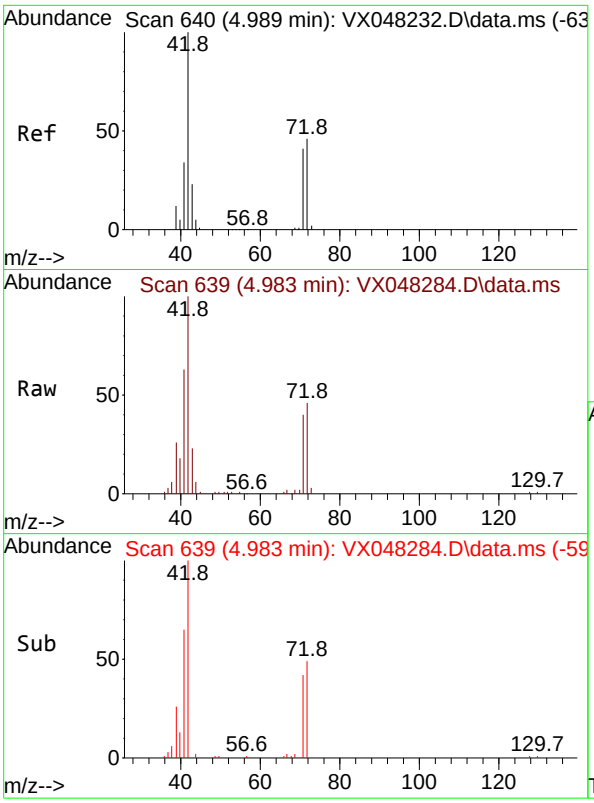




#28
Bromochloromethane
Concen: 18.473 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 49 Resp: 19339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.8 | 0.0 | 4.4 |
| 130 | 87.3 | 59.3 | 88.9 |



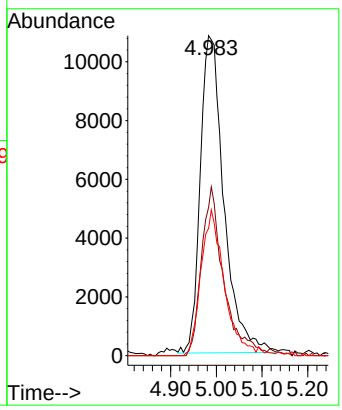


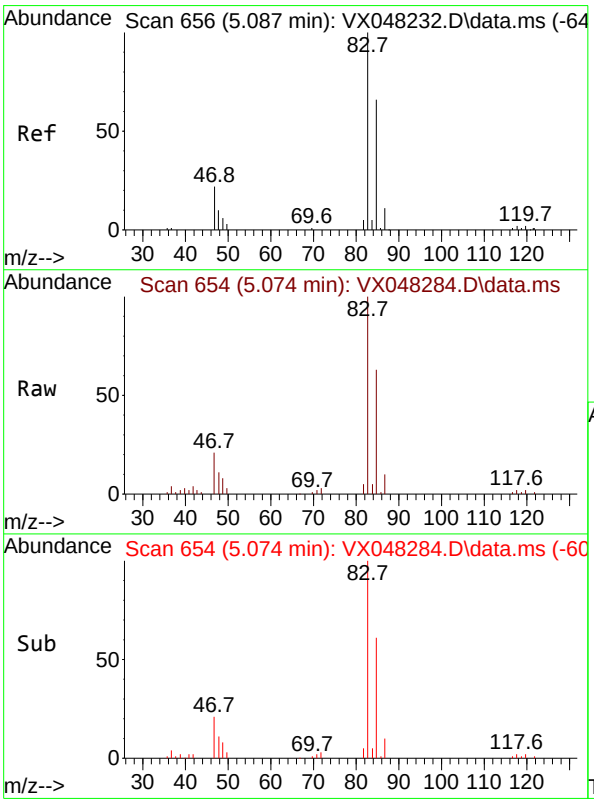

#29
Tetrahydrofuran
Concen: 88.463 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 42 Resp: 38740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 49.8 | 35.3 | 52.9 |
| 71 | 45.0 | 32.2 | 48.4 |

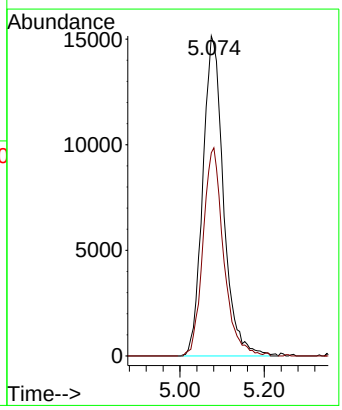


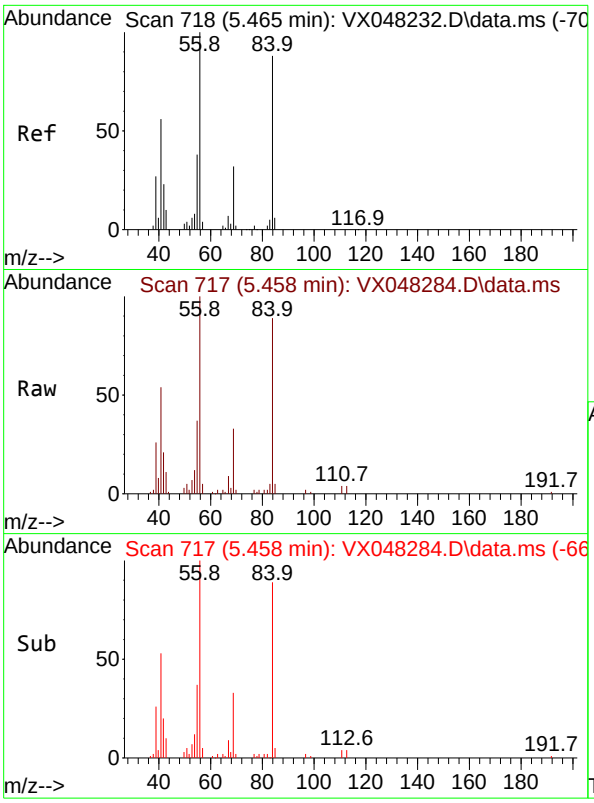




#30
Chloroform
Concen: 19.165 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 83 Resp: 51696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.5 | 50.1 | 75.1 |



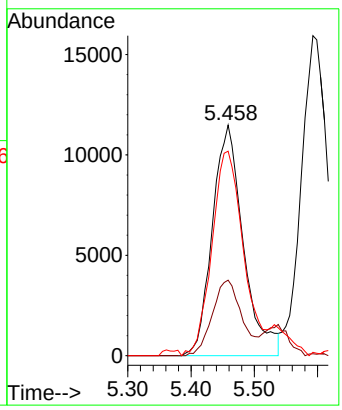


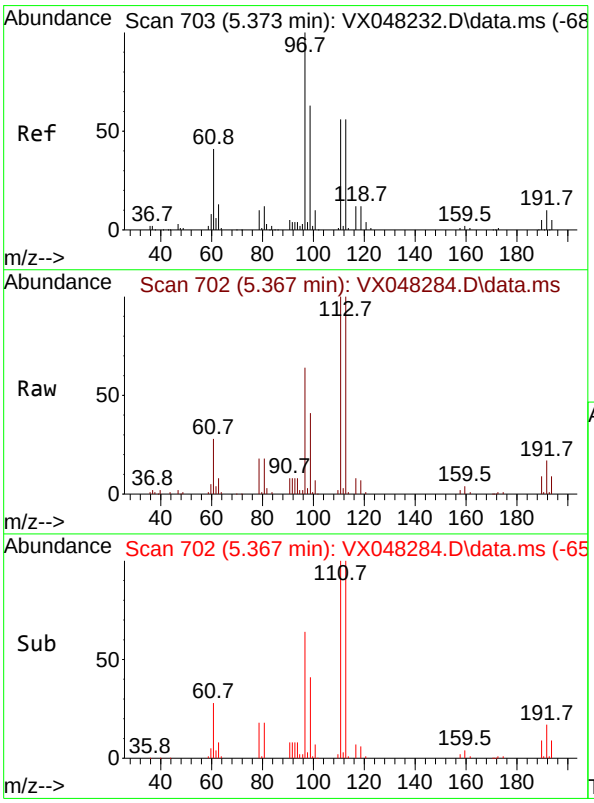

#31
Cyclohexane
Concen: 18.651 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 56 Resp: 38986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.7 | 23.0 | 34.6 |
| 84 | 86.3 | 64.6 | 97.0 |

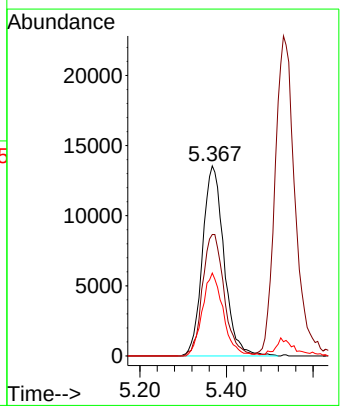


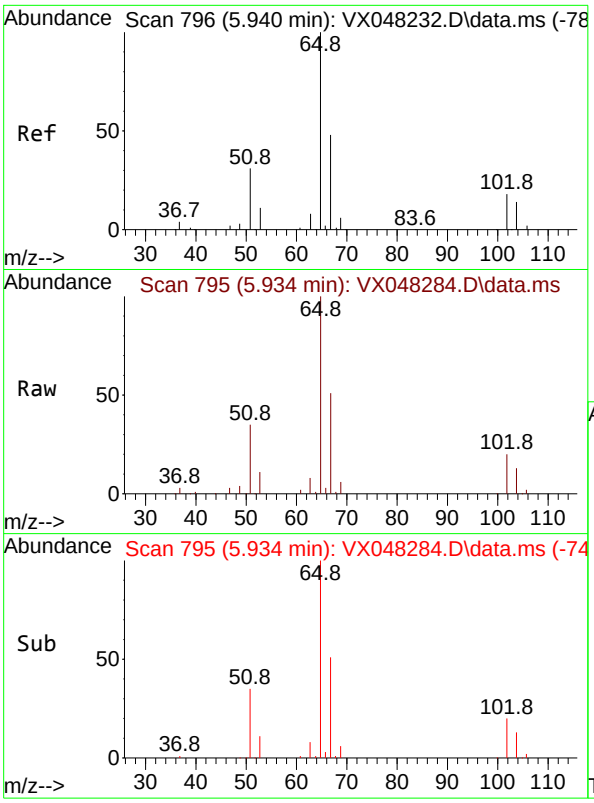




#32
1,1,1-Trichloroethane
Concen: 18.802 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 97 Resp: 46741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 51.7 | 77.5 |
| 61 | 42.4 | 34.8 | 52.2 |



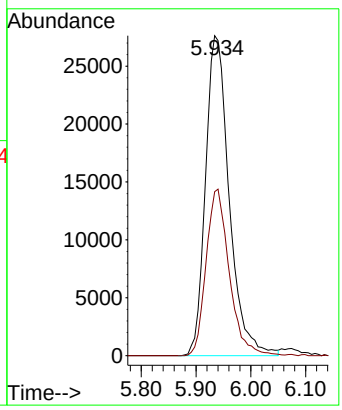


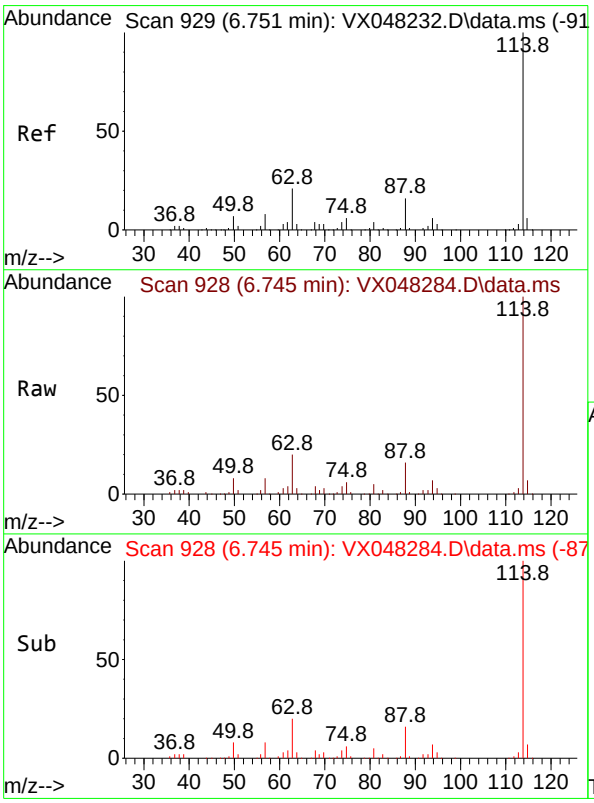

#33
1,2-Dichloroethane-d4
Concen: 49.283 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 65 Resp: 82990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.9 | 0.0 | 105.0 |

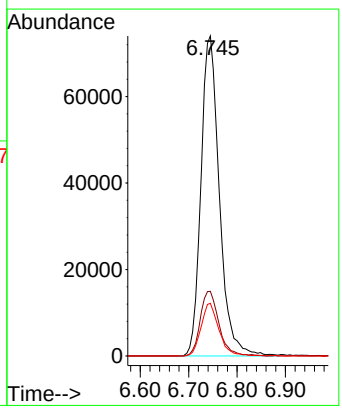


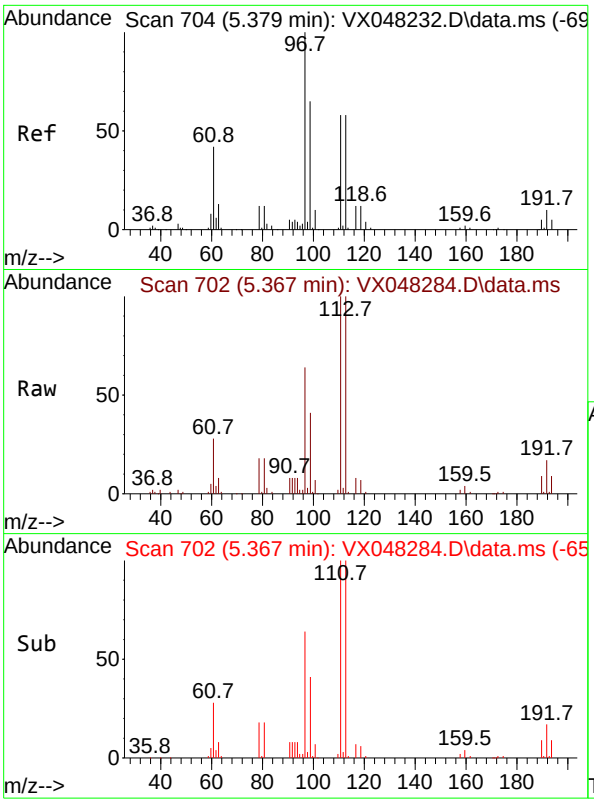




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:114 Resp: 195961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 0.0 | 43.2 |
| 88 | 16.5 | 0.0 | 33.6 |



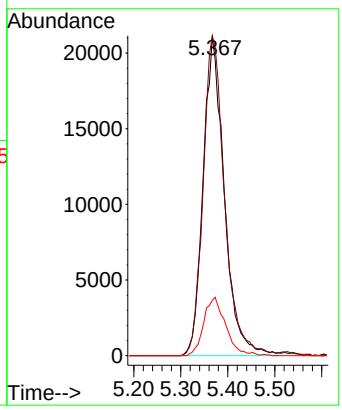


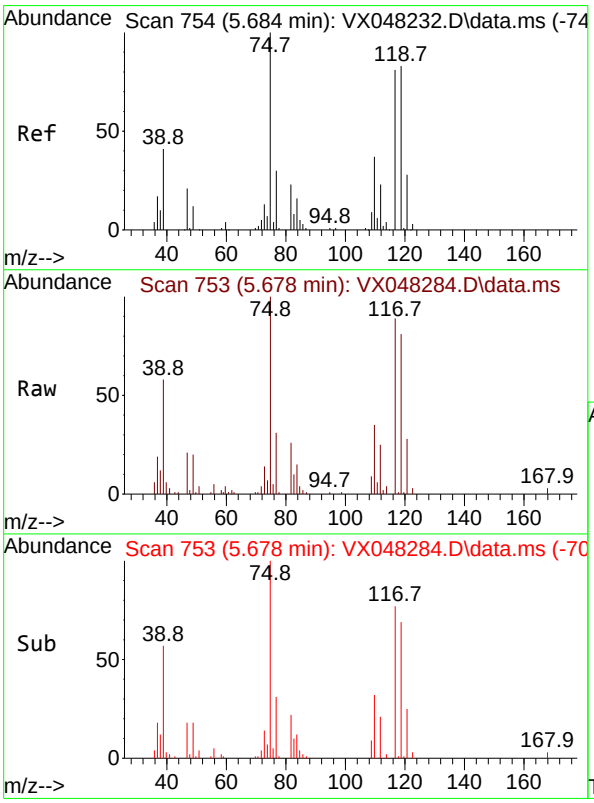

#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:113 Resp: 65947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 82.2 | 123.4 |
| 192 | 18.9 | 15.1 | 22.7 |

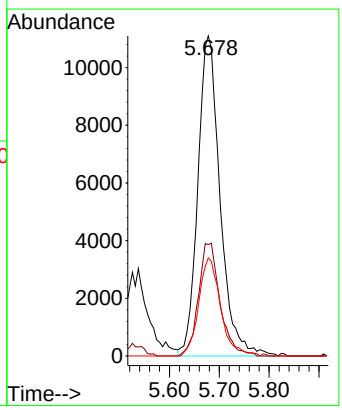


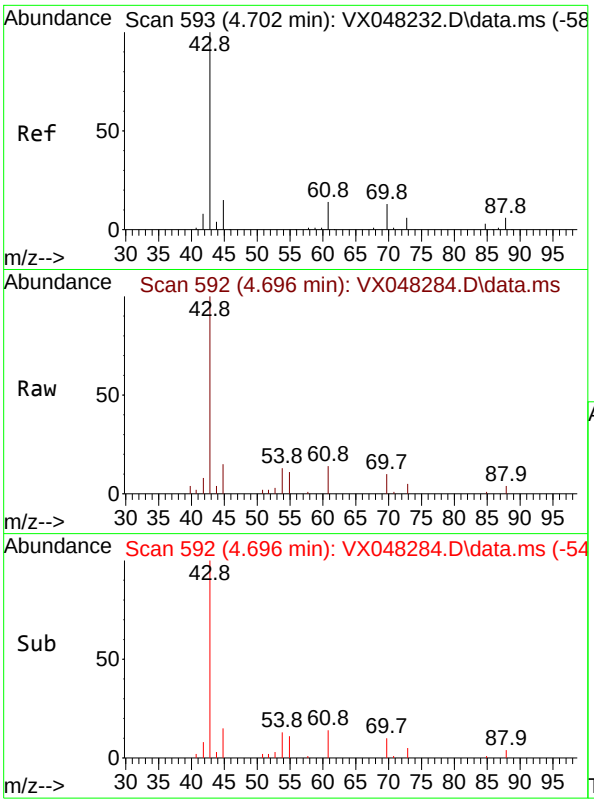




#36
1,1-Dichloropropene
Concen: 18.089 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 34395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.2 | 17.7 | 53.1 |
| 77 | 30.1 | 24.3 | 36.5 |



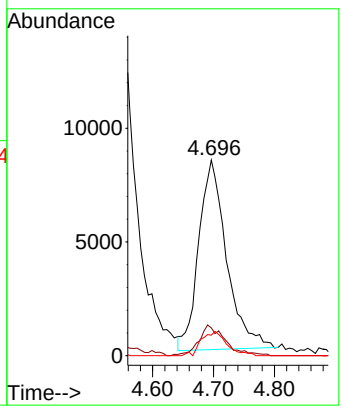


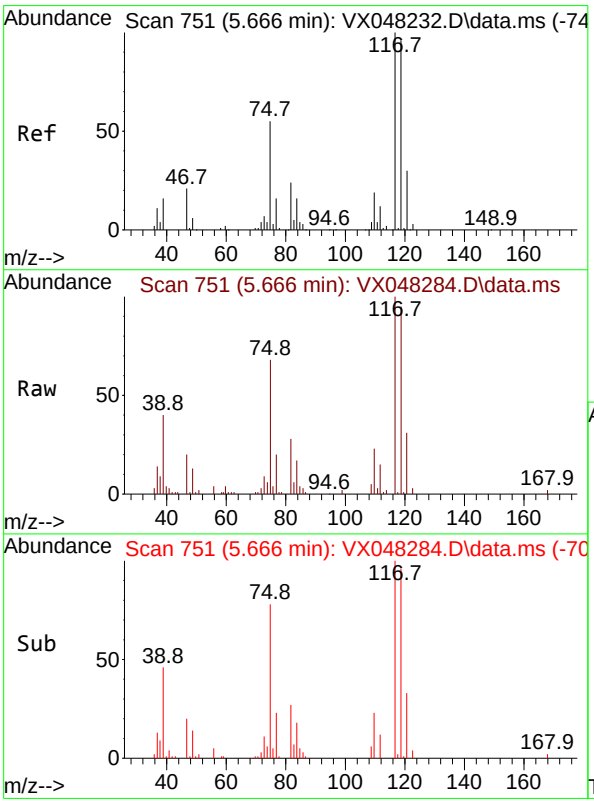

#37
Ethyl Acetate
Concen: 16.828 ug/l
RT: 4.696 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 43 Resp: 26522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.4 | 10.6 | 15.8 |
| 70 | 11.7 | 7.8 | 11.6# |

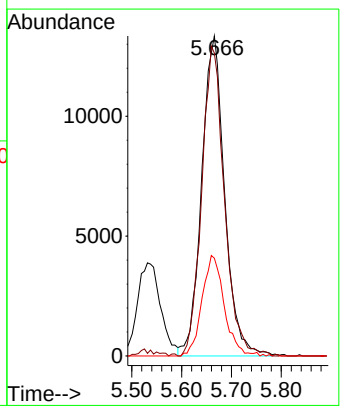


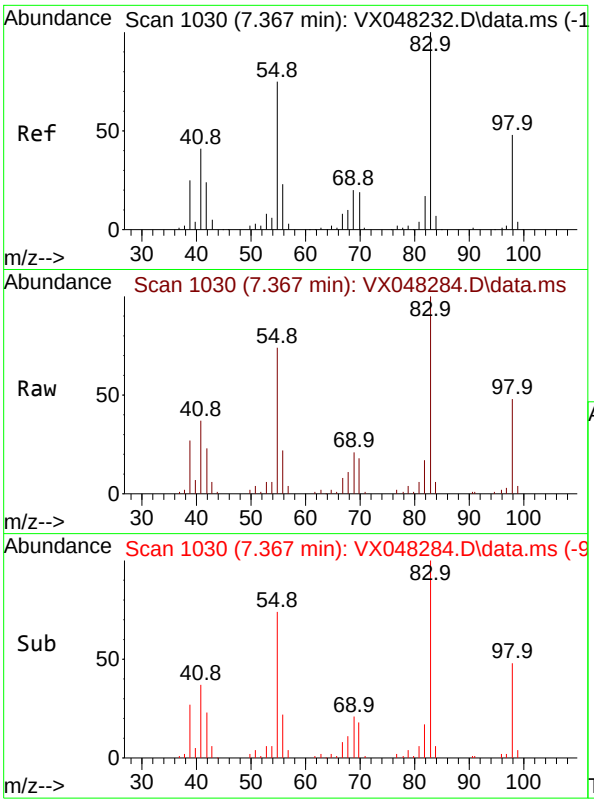




#38
Carbon Tetrachloride
Concen: 18.252 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:117 Resp: 42819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.7 | 77.2 | 115.8 |
| 121 | 30.5 | 24.8 | 37.2 |



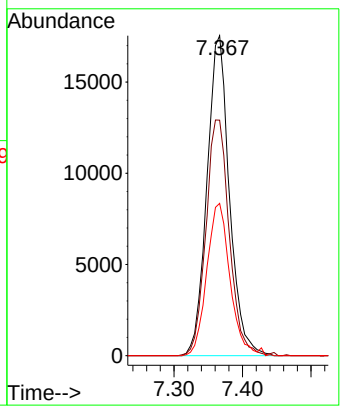


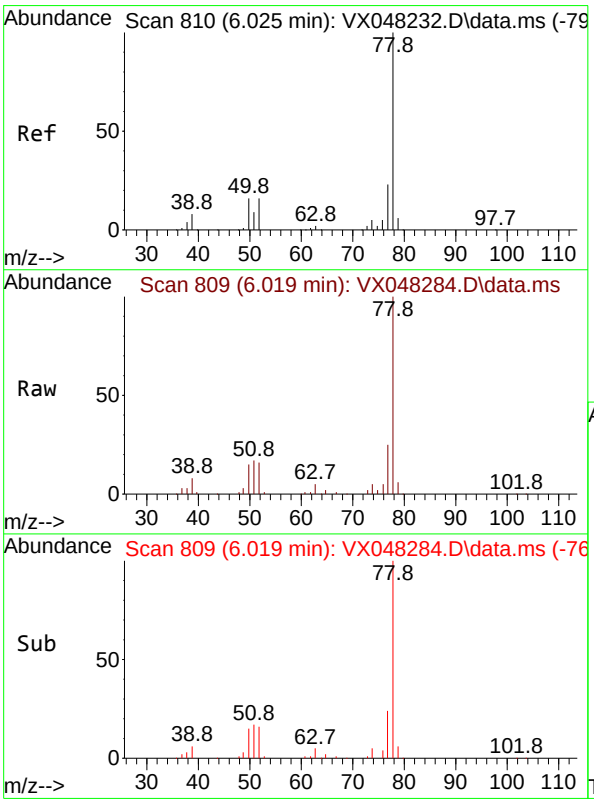

#39
Methylcyclohexane
Concen: 17.817 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 83 Resp: 40011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 73.6 | 66.2 | 99.2 |
| 98 | 47.6 | 38.9 | 58.3 |

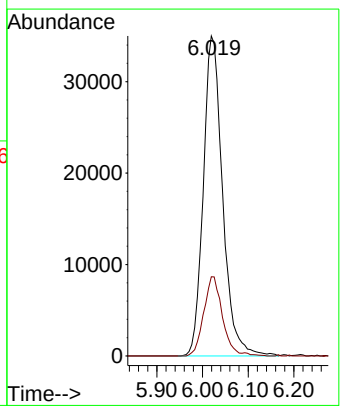


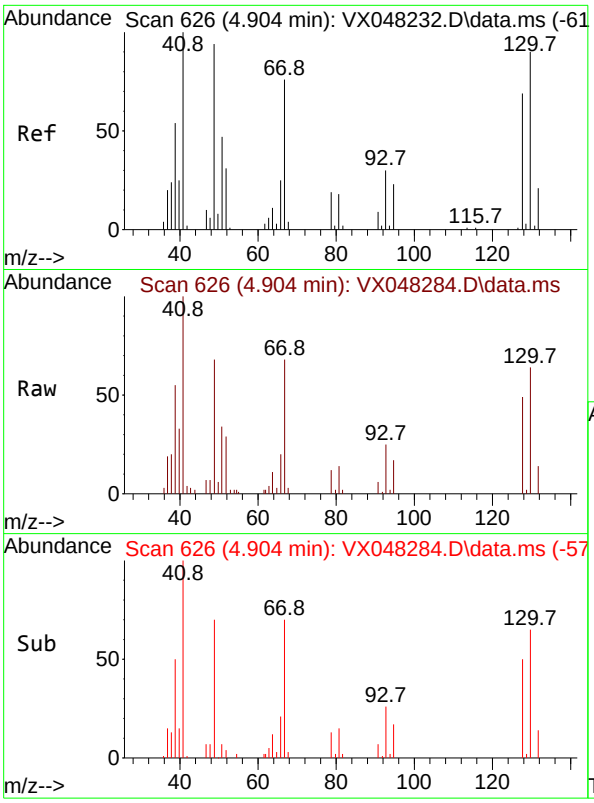




#40
Benzene
Concen: 18.608 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 78 Resp: 102728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.7 | 19.3 | 28.9 |



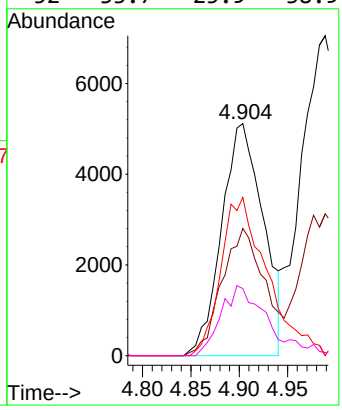


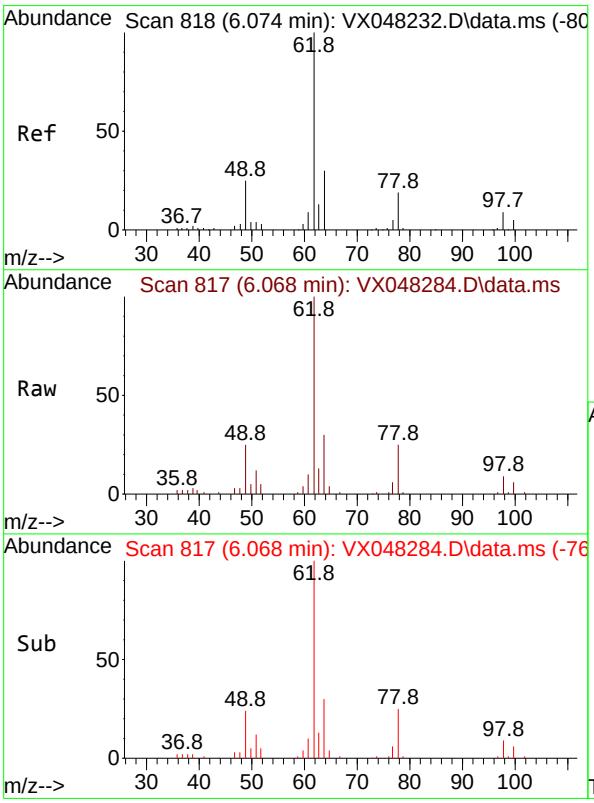

#41
Methacrylonitrile
Concen: 18.516 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 41 Resp: 15325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.1 | 44.0 | 66.0 |
| 67 | 75.6 | 58.7 | 88.1 |
| 52 | 33.7 | 25.9 | 38.9 |

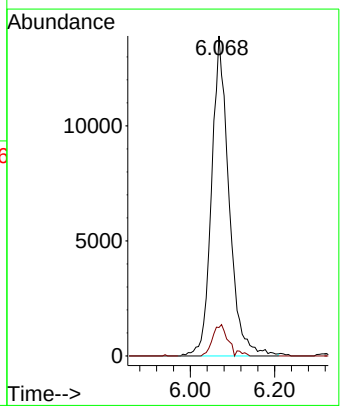


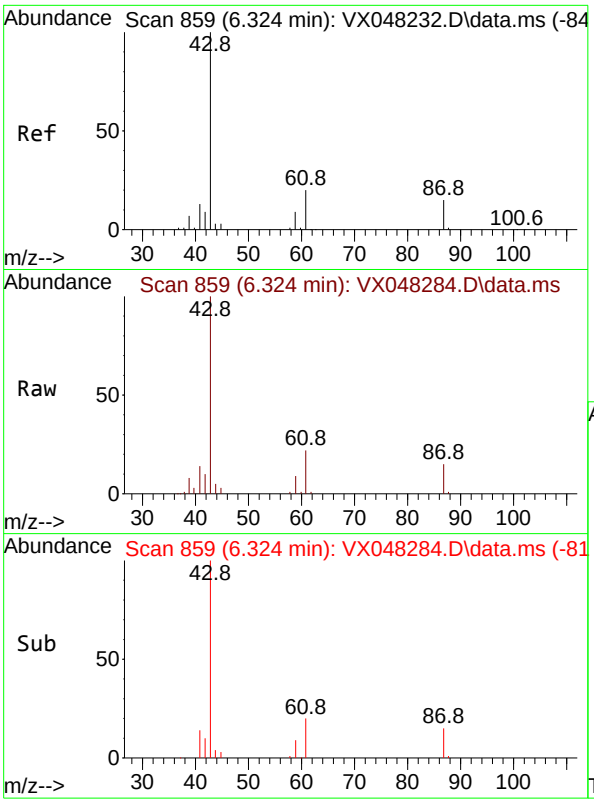




#42
1,2-Dichloroethane
Concen: 19.615 ug/l
RT: 6.068 min Scan# 817
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 62 Resp: 39959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.6 | 0.0 | 17.2 |



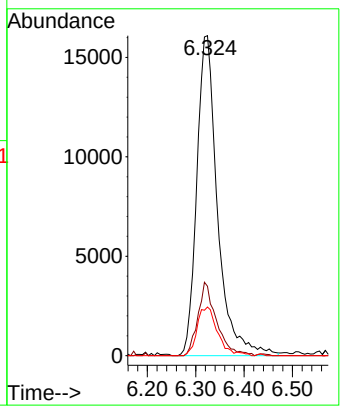


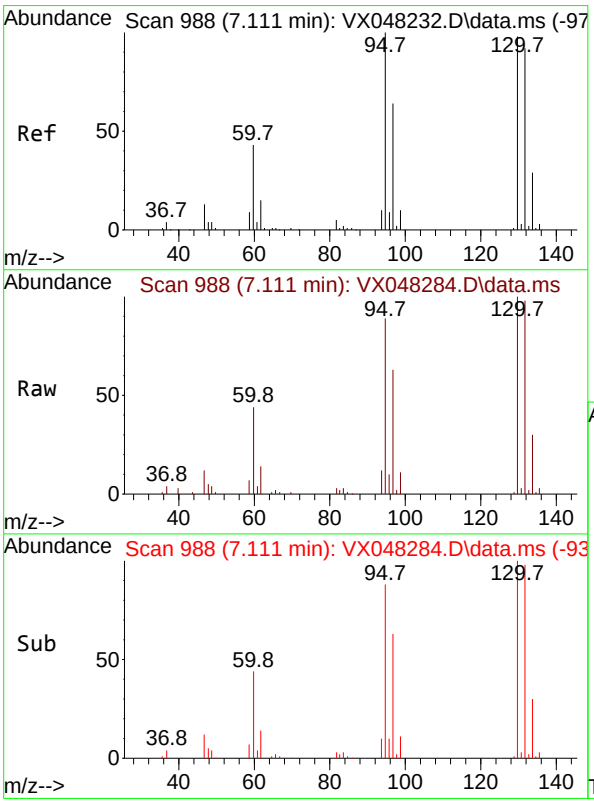

#43
Isopropyl Acetate
Concen: 18.537 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 43 Resp: 47991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.5 | 14.9 | 22.3 |
| 87 | 15.0 | 9.4 | 14.2# |

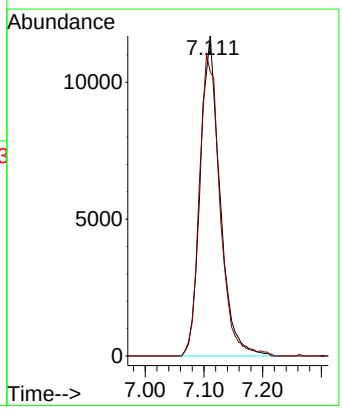


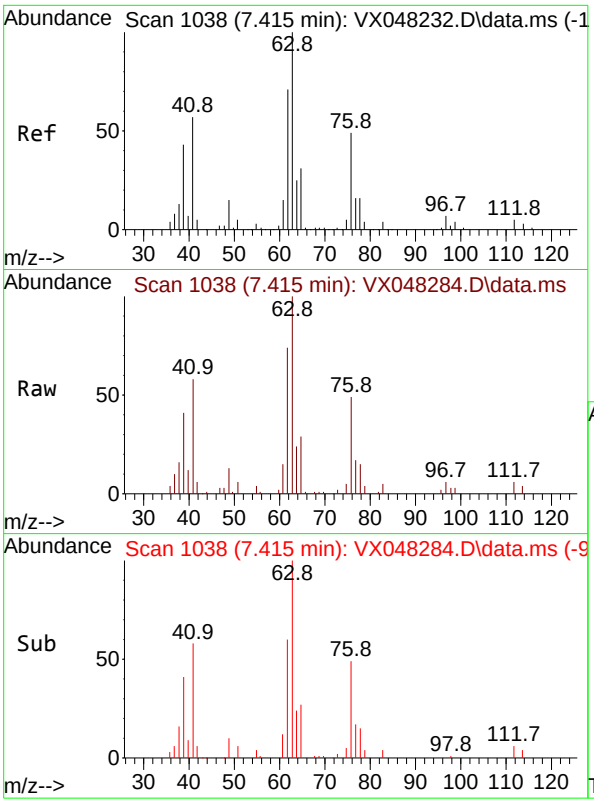




#44
Trichloroethene
Concen: 18.759 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:130 Resp: 27345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 88.9 | 0.0 | 200.6 |



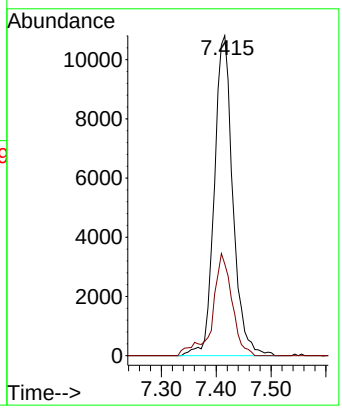


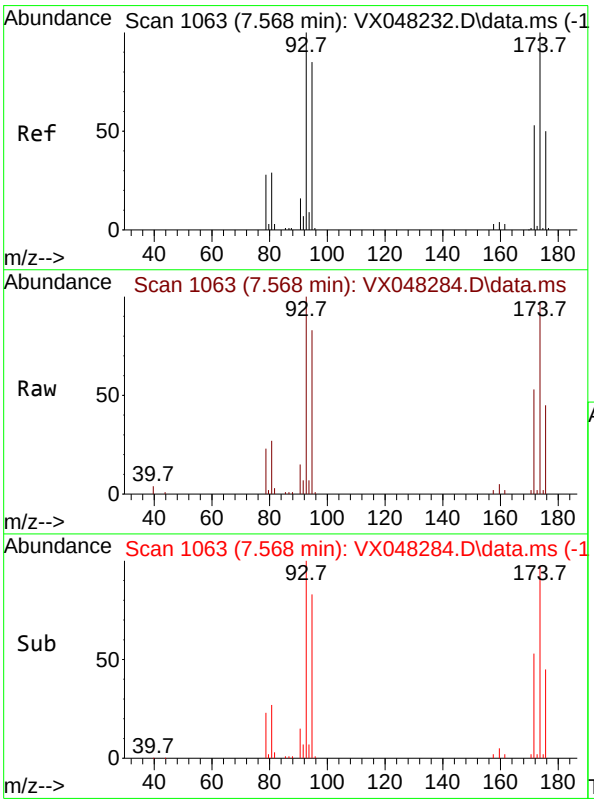

#45
1,2-Dichloropropane
Concen: 19.317 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 63 Resp: 25354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 28.6 | 24.1 | 36.1 |

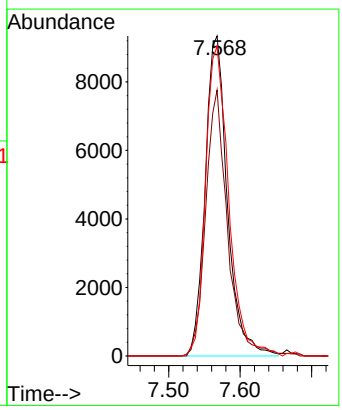


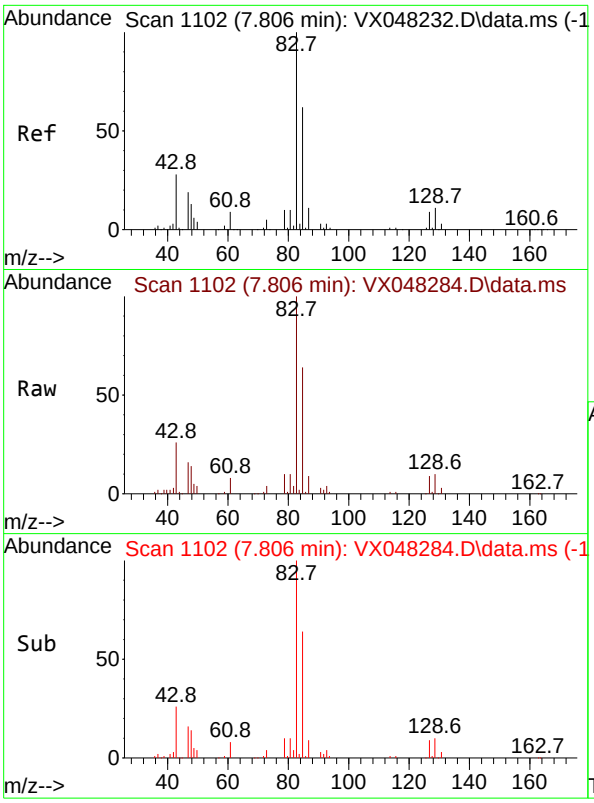




#46
Dibromomethane
Concen: 19.710 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 93 Resp: 20155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.7 | 65.9 | 98.9 |
| 174 | 101.1 | 71.7 | 107.5 |



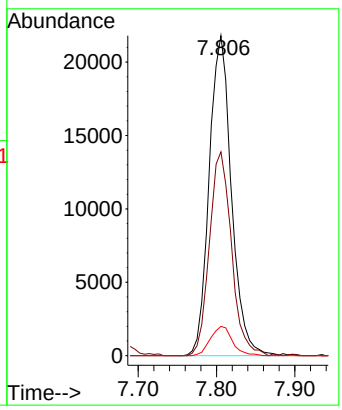


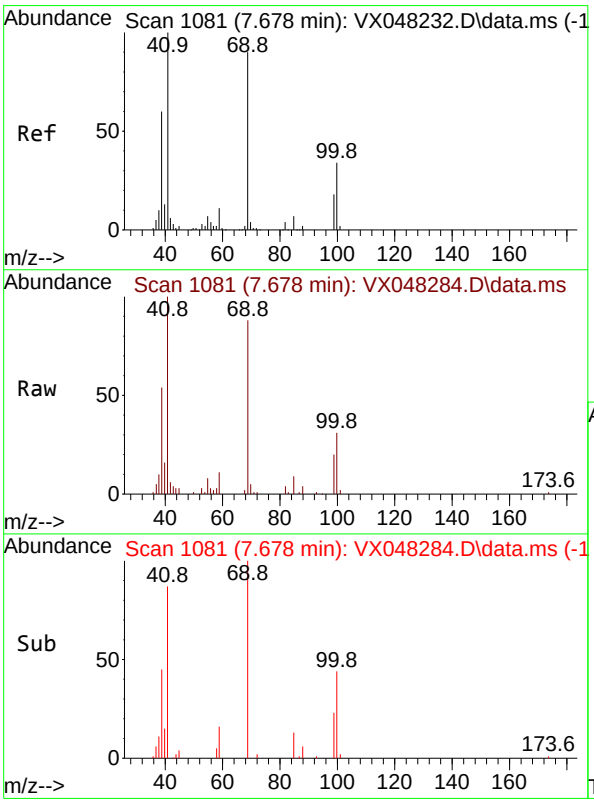

#47
Bromodichloromethane
Concen: 19.480 ug/l
RT: 7.806 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 83 Resp: 43009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.4 | 52.2 | 78.4 |
| 127 | 9.0 | 7.3 | 10.9 |

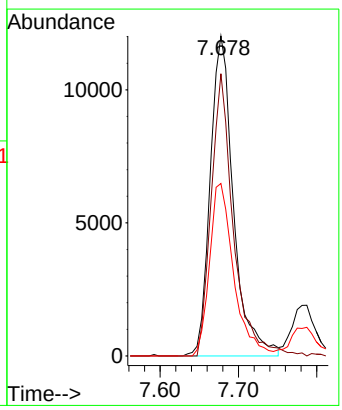


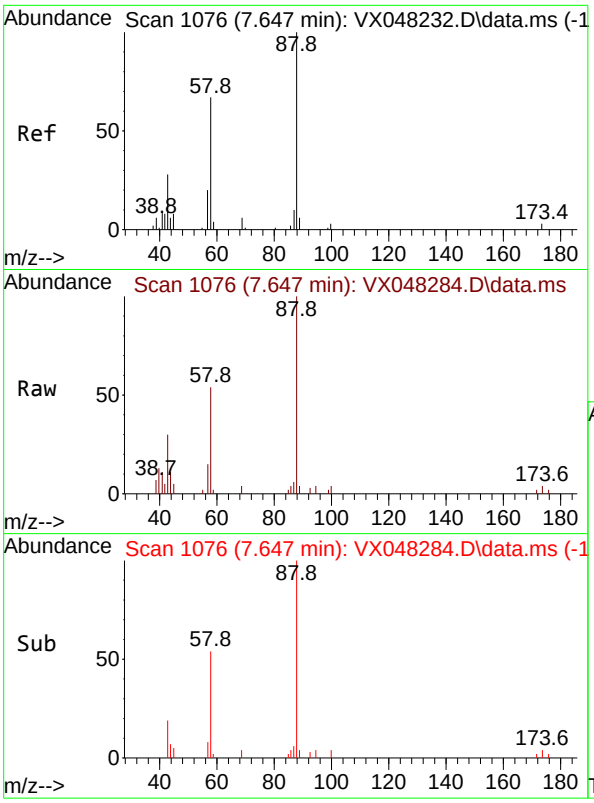




#48
Methyl methacrylate
Concen: 18.959 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 41 Resp: 24768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 84.3 | 63.4 | 95.0 |
| 39 | 56.1 | 47.1 | 70.7 |



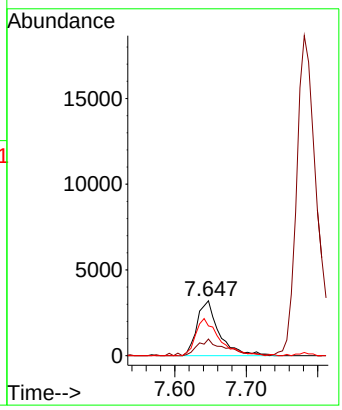


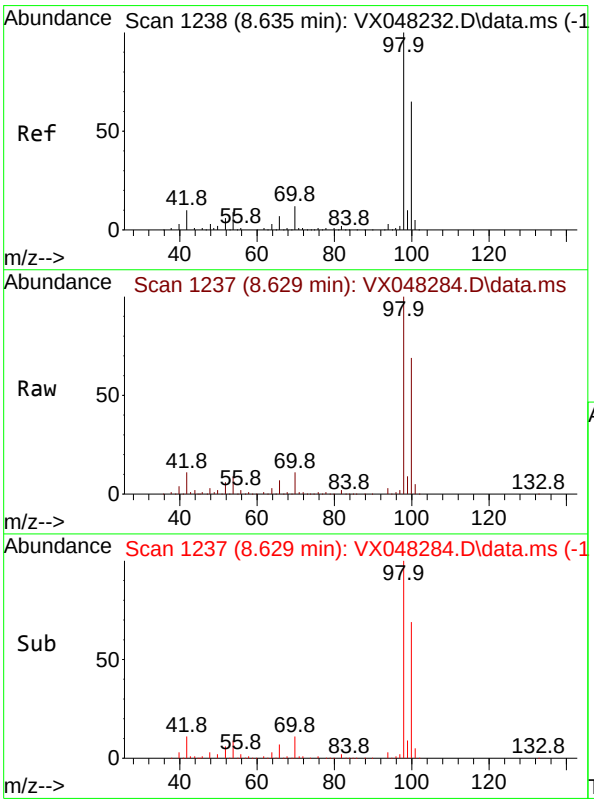

#49
1,4-Dioxane
Concen: 397.302 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 88 Resp: 6857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.5 | 35.0 | 52.4 |
| 58 | 72.0 | 61.9 | 92.9 |

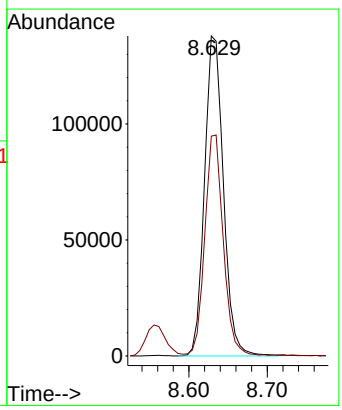


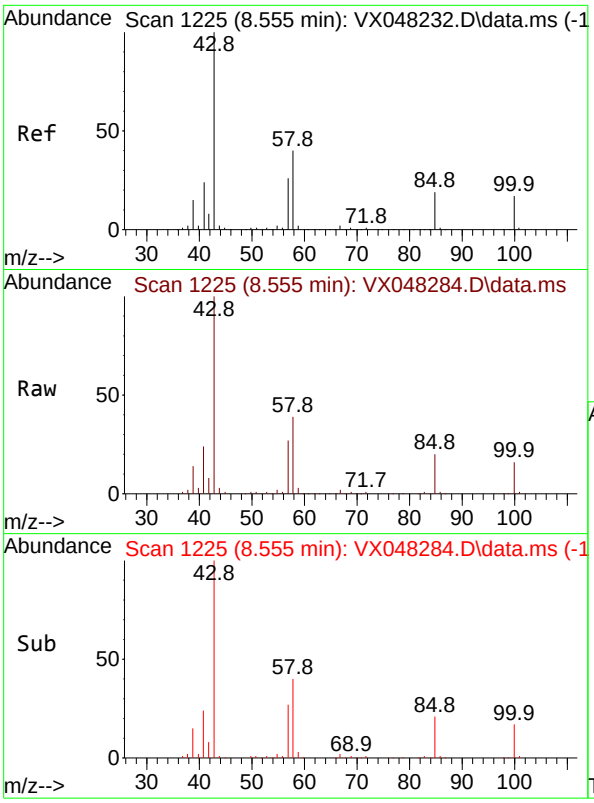




#50
Toluene-d8
Concen: 49.207 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 98 Resp: 230741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.8 | 53.0 | 79.4 |



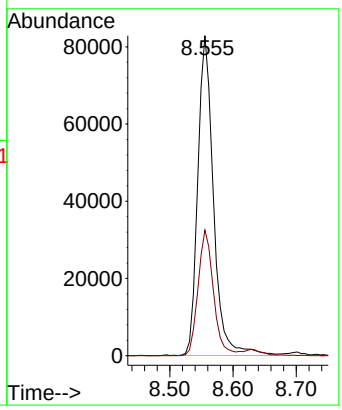


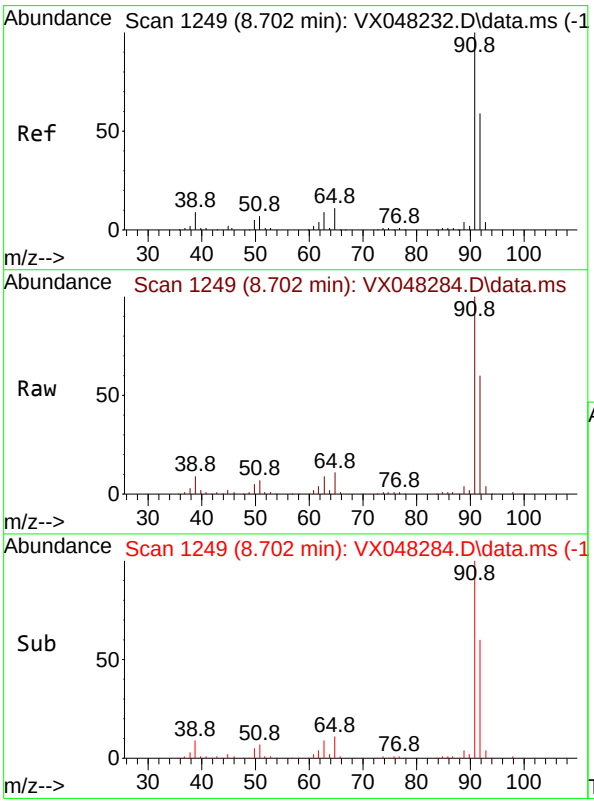

#51
4-Methyl-2-Pentanone
Concen: 96.190 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 43 Resp: 143580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.3 | 29.5 | 44.3 |

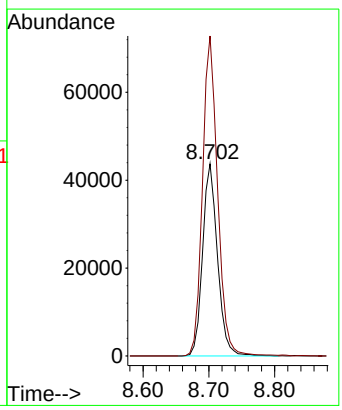


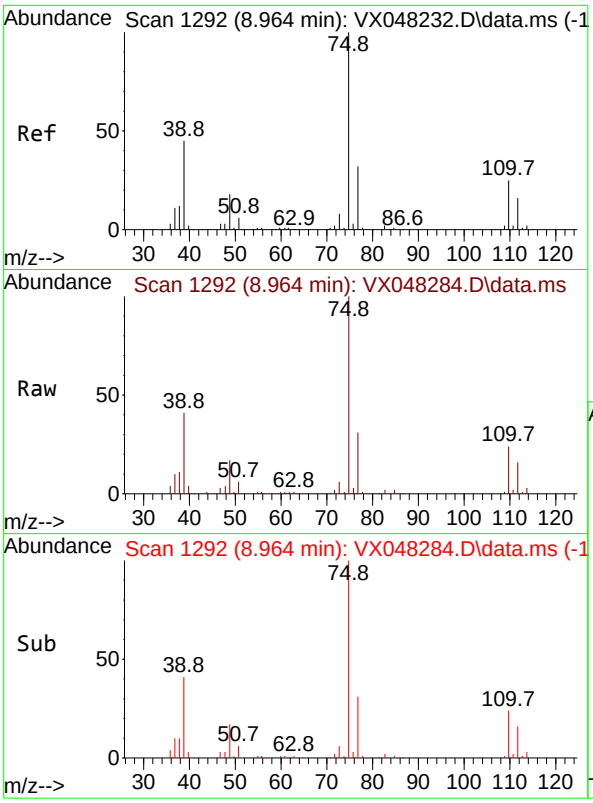




#52
Toluene
Concen: 19.634 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 92 Resp: 68859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.7 | 136.1 | 204.1 |



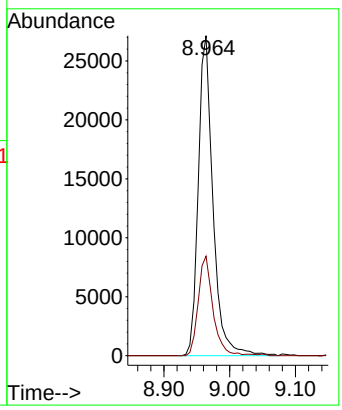


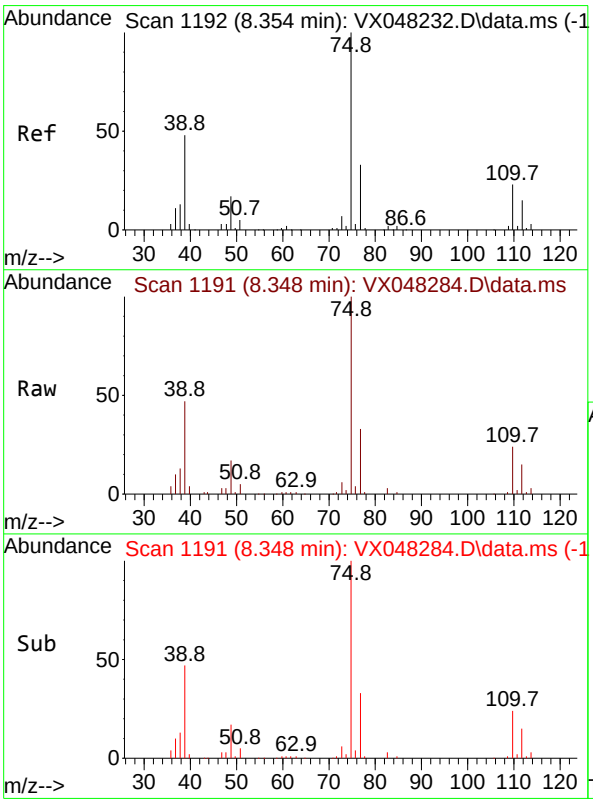

#53
t-1,3-Dichloropropene
Concen: 19.787 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 75 Resp: 42100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 25.0 | 37.6 |

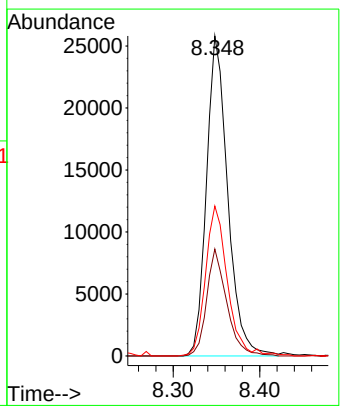


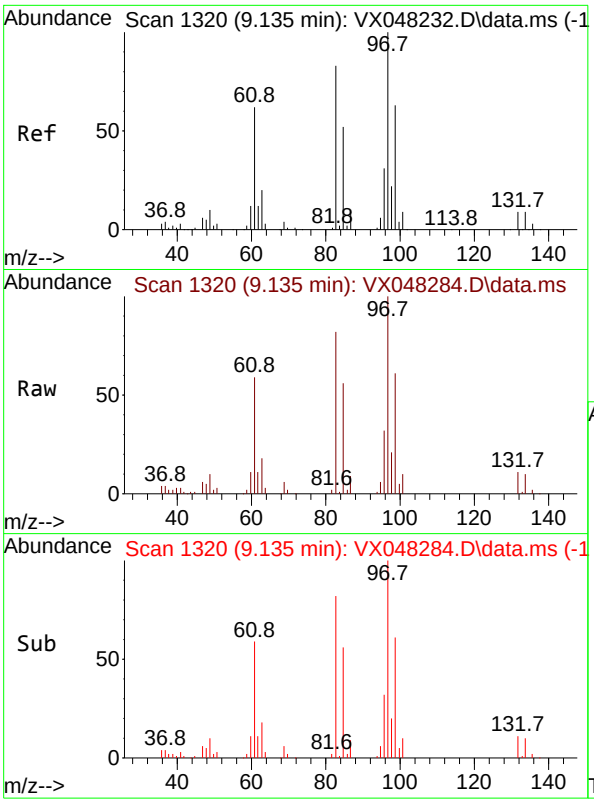




#54
cis-1,3-Dichloropropene
Concen: 19.150 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 43961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.4 | 24.9 | 37.3 |
| 39 | 45.1 | 42.6 | 64.0 |



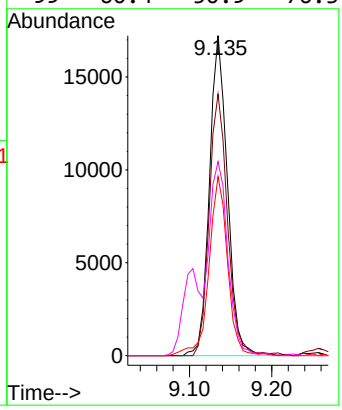


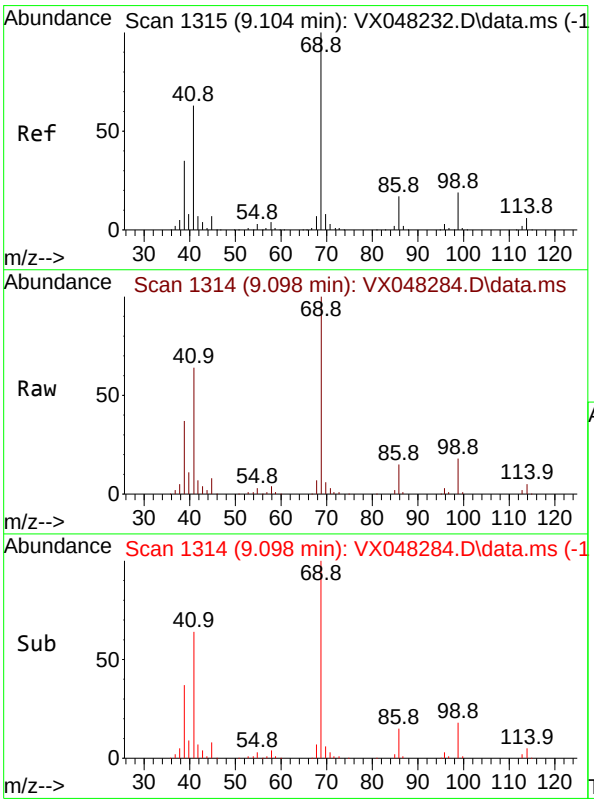

#55
1,1,2-Trichloroethane
Concen: 20.033 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 97 Resp: 26128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 81.8 | 70.6 | 105.8 |
| 85 | 56.0 | 45.0 | 67.6 |
| 99 | 60.4 | 50.9 | 76.3 |

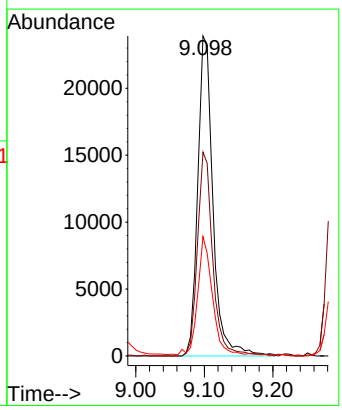


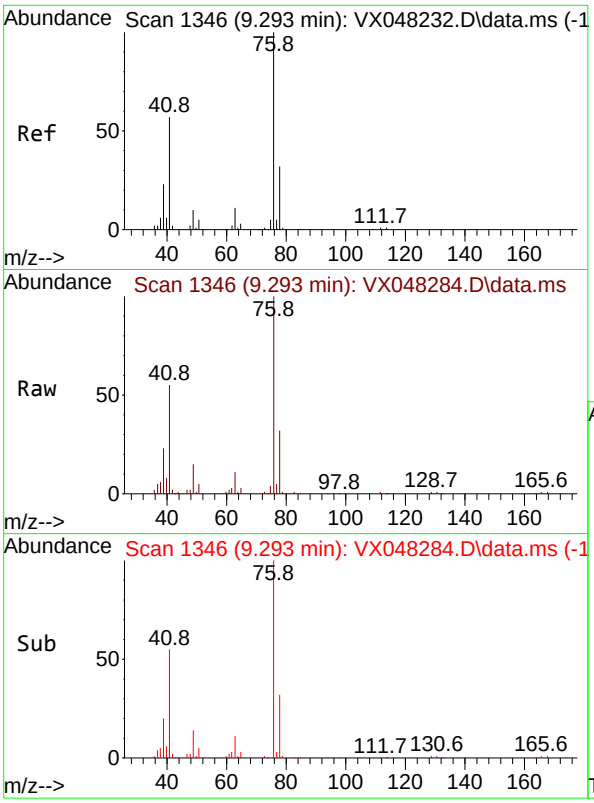




#56
Ethyl methacrylate
Concen: 19.415 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 69 Resp: 37038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.0 | 56.0 | 84.0 |
| 39 | 37.2 | 31.6 | 47.4 |



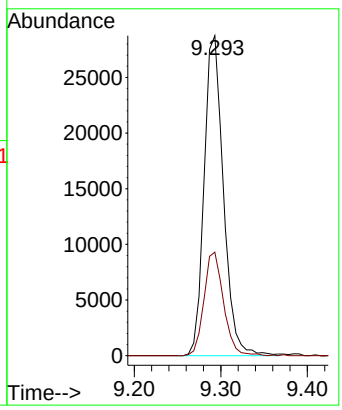


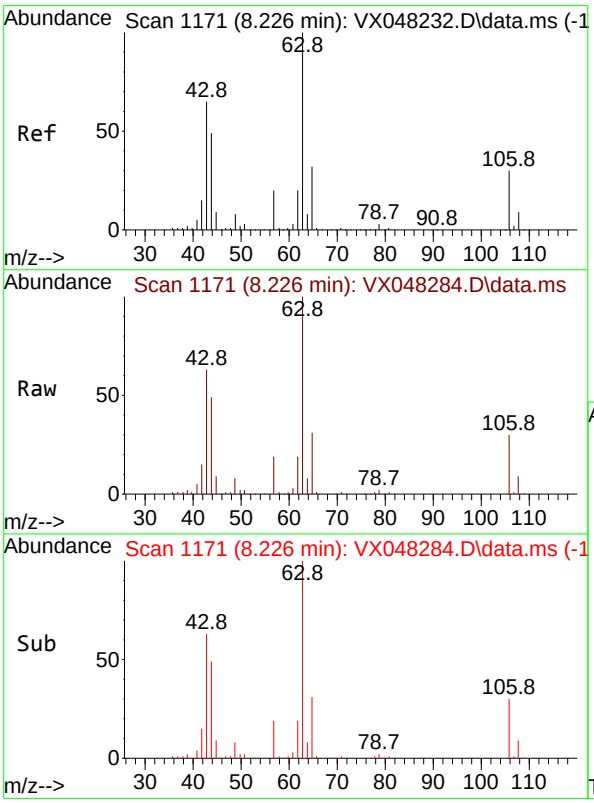

#57
1,3-Dichloropropane
Concen: 19.965 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 76 Resp: 44479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.7 | 25.4 | 38.0 |

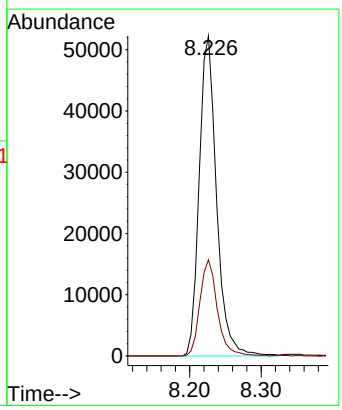


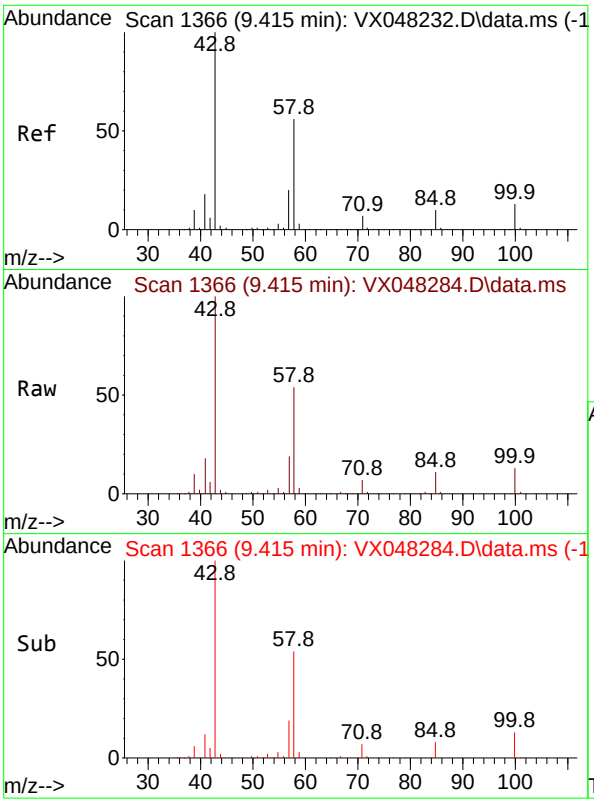




#58
2-Chloroethyl Vinyl ether
Concen: 86.903 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 63 Resp: 87997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.2 | 22.2 | 33.2 |



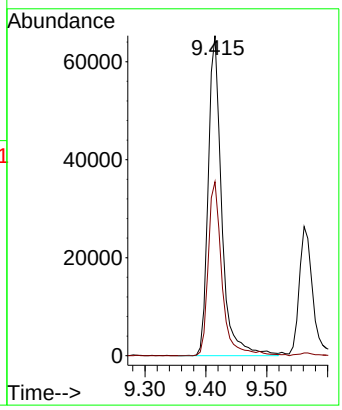


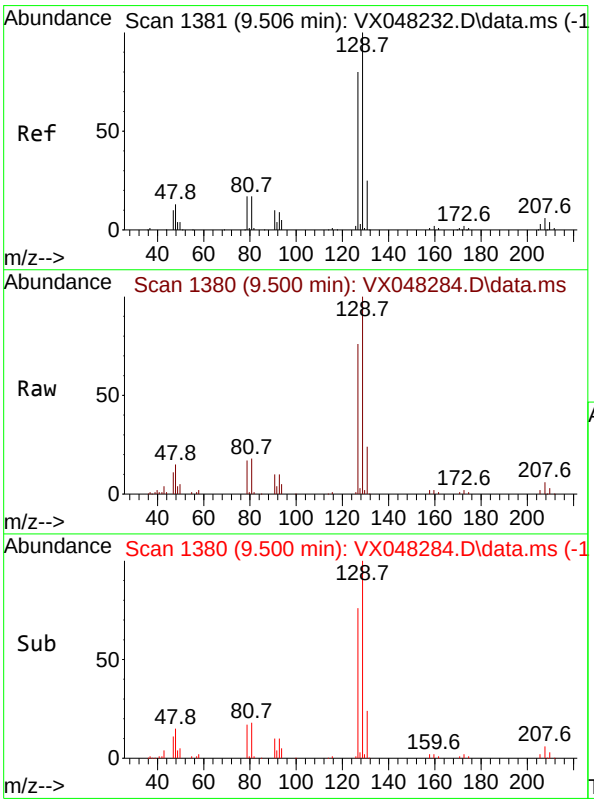

#59
2-Hexanone
Concen: 96.700 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 43 Resp: 100647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.4 | 26.3 | 78.8 |

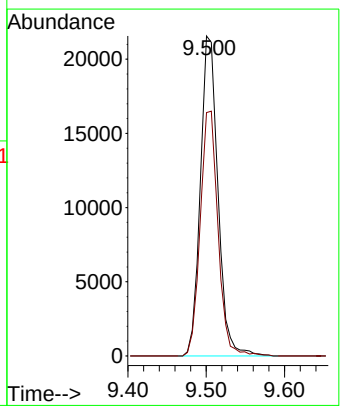


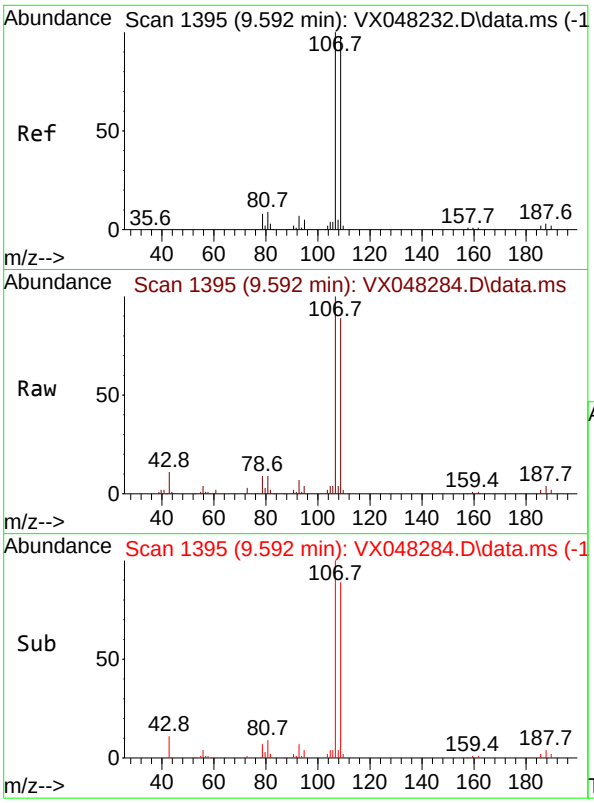




#60
Dibromochloromethane
Concen: 19.161 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:129 Resp: 33589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 38.6 | 115.7 |



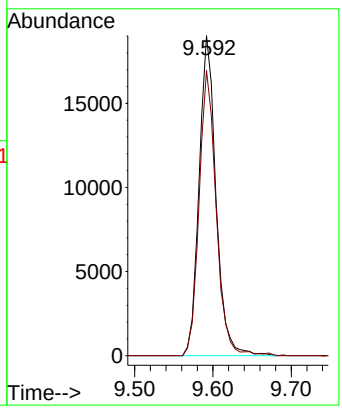


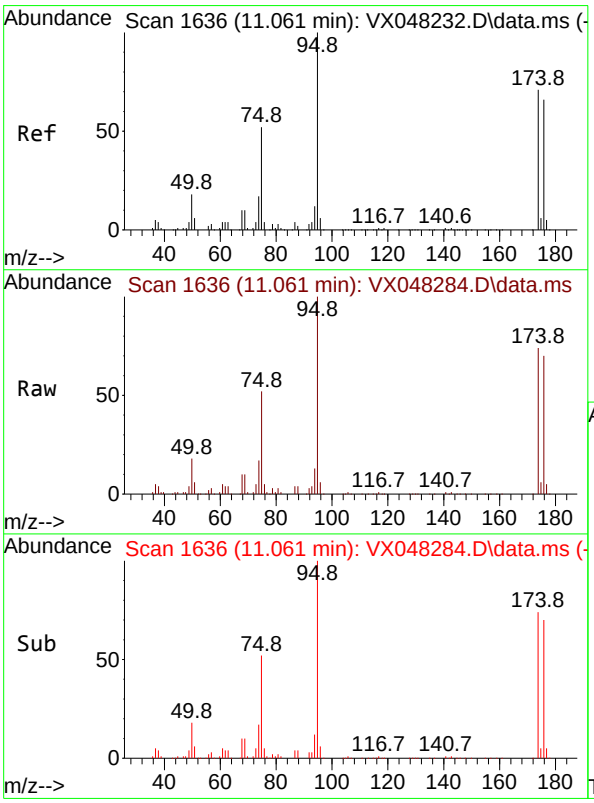

#61
1,2-Dibromoethane
Concen: 20.496 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:107 Resp: 28498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 89.8 | 77.0 | 115.4 |

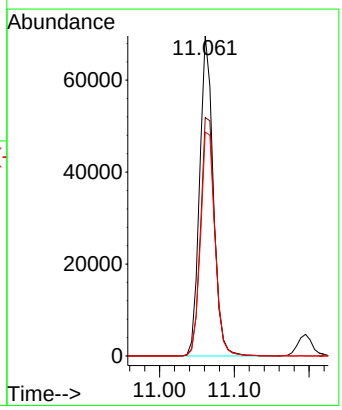


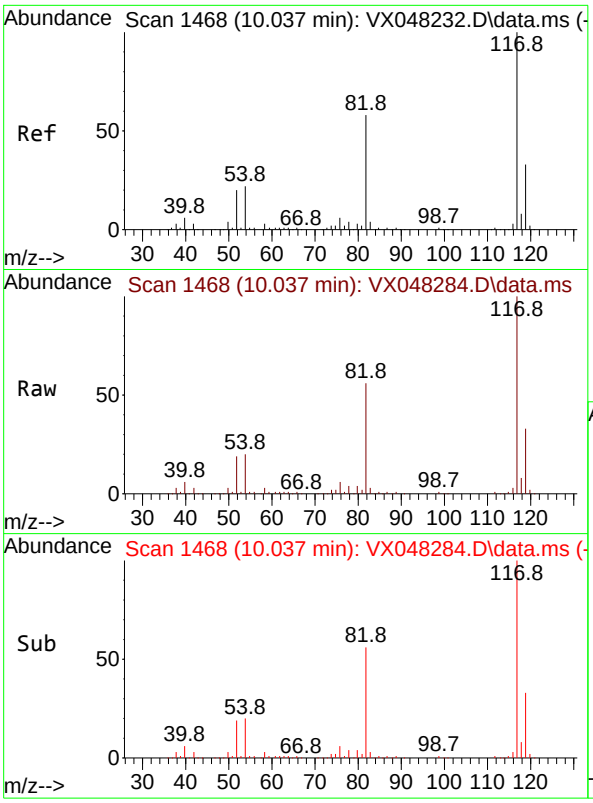




#62
4-Bromofluorobenzene
Concen: 49.387 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 95 Resp: 88101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.5 | 0.0 | 147.8 |
| 176 | 74.2 | 0.0 | 142.8 |



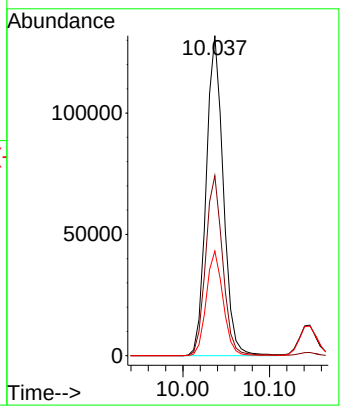


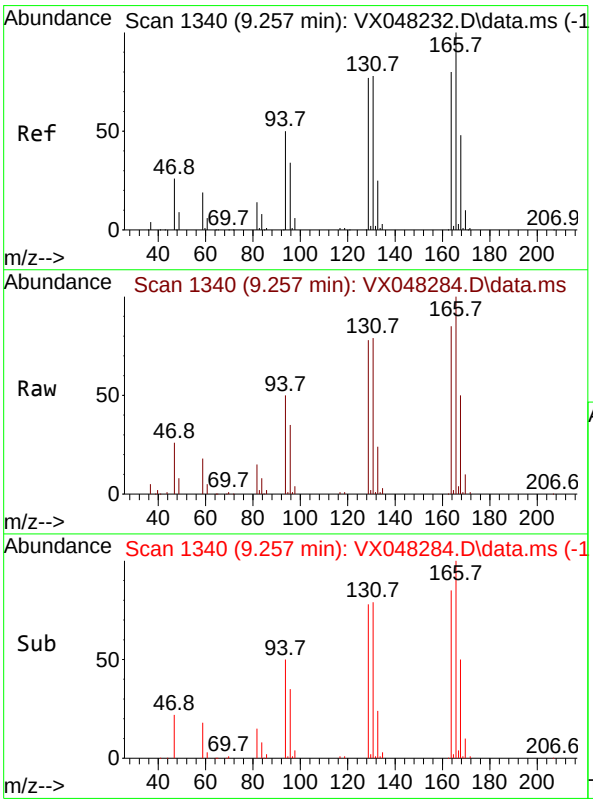

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:117 Resp: 180624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.3 | 46.5 | 69.7 |
| 119 | 32.7 | 25.9 | 38.9 |

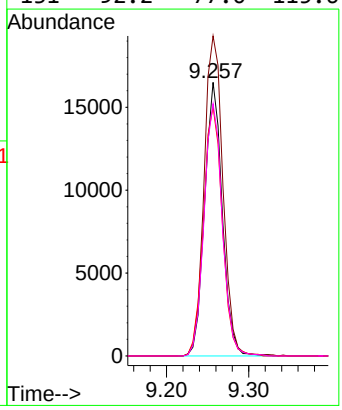


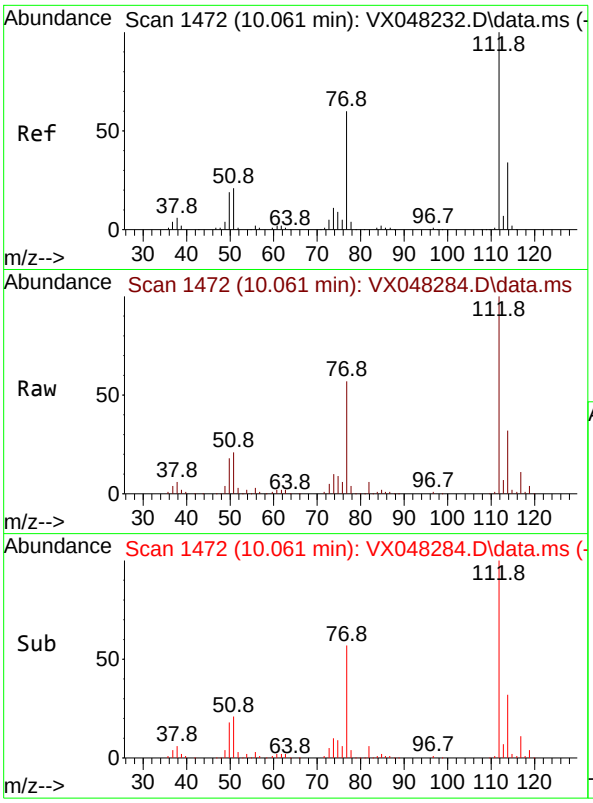




#64
Tetrachloroethene
Concen: 18.287 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:164 Resp: 24658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 117.0 | 104.5 | 156.7 |
| 129 | 91.0 | 81.8 | 122.6 |
| 131 | 92.2 | 77.0 | 115.6 |



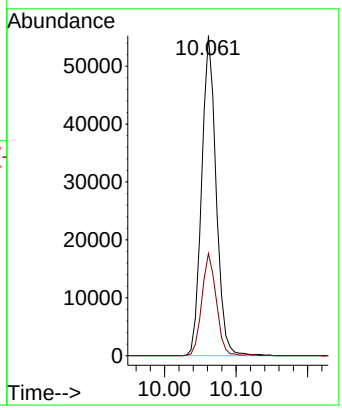


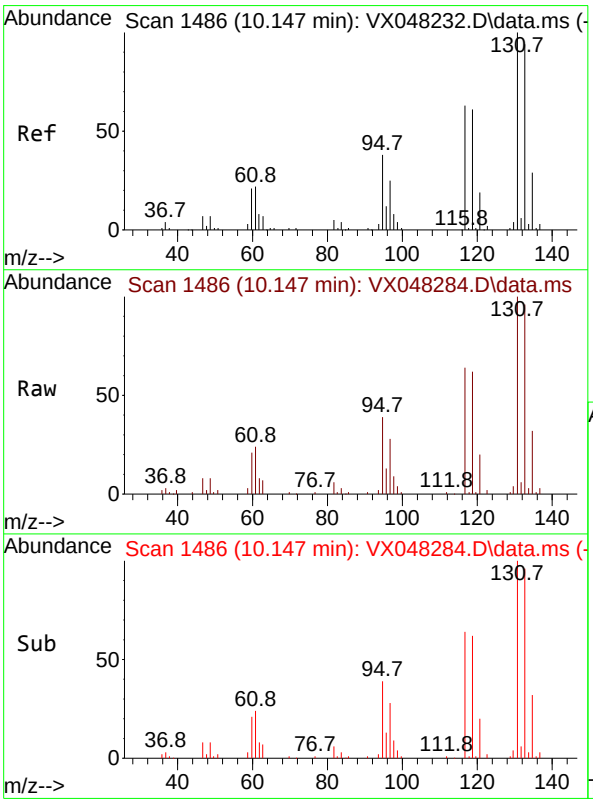

#65
Chlorobenzene
Concen: 19.140 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:112 Resp: 77769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.9 | 26.2 | 39.2 |

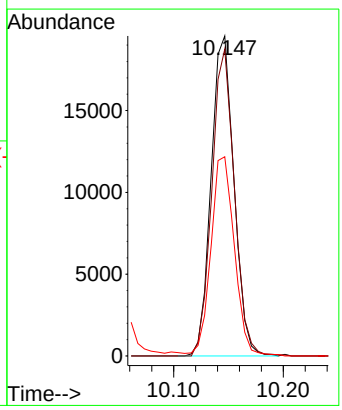


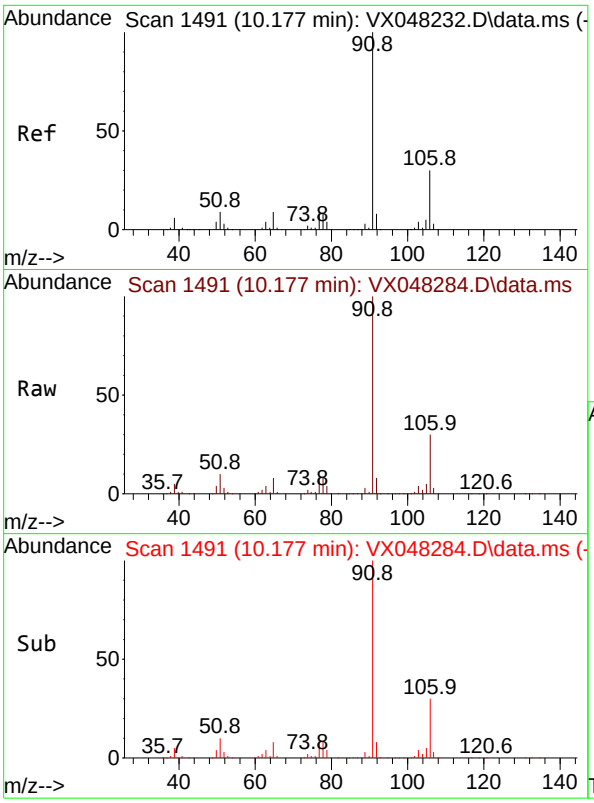




#66
1,1,1,2-Tetrachloroethane
Concen: 18.982 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:131 Resp: 28328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.8 | 47.6 | 142.8 |
| 119 | 64.1 | 32.5 | 97.5 |



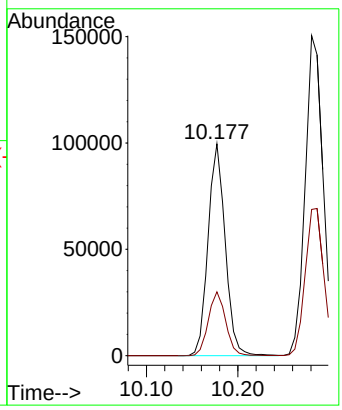


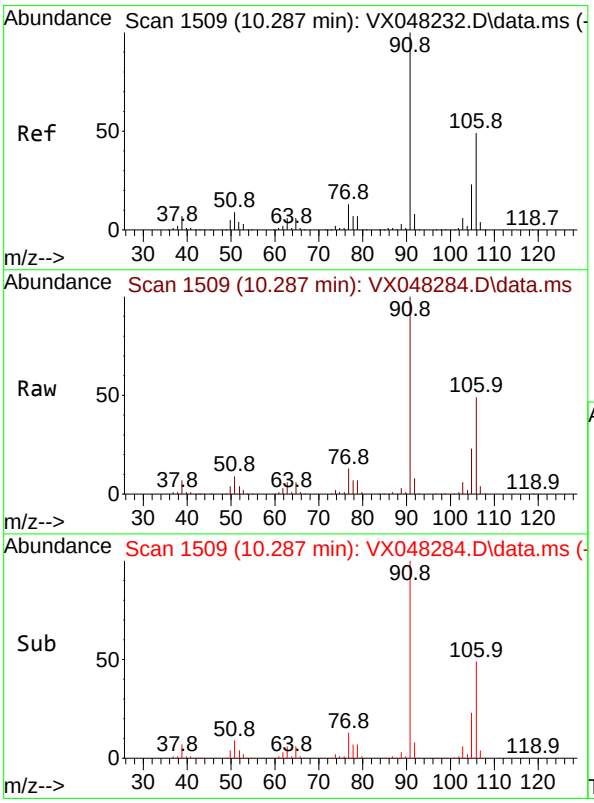

#67
Ethyl Benzene
Concen: 18.749 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 91 Resp: 129701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.2 | 23.8 | 35.6 |

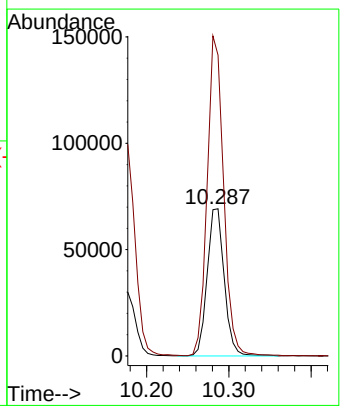


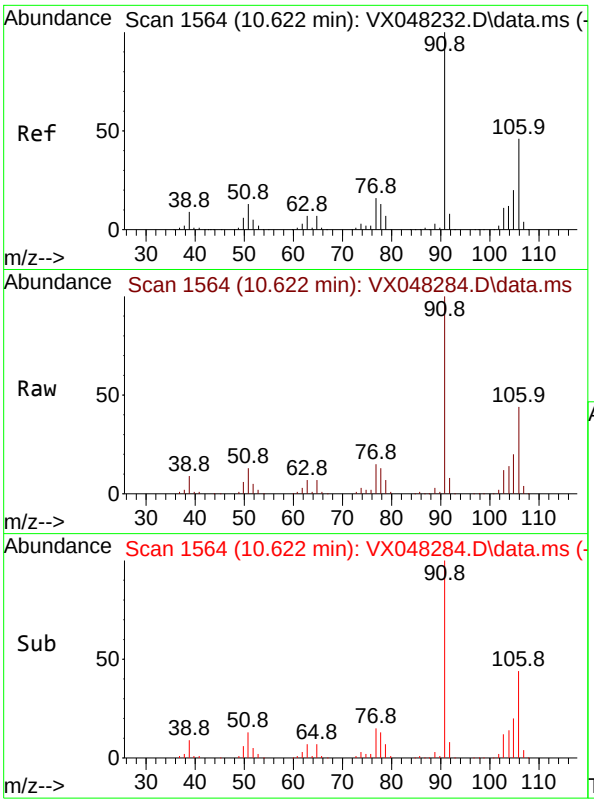




#68
m/p-Xylenes
Concen: 38.899 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:106 Resp: 99982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 208.7 | 167.9 | 251.9 |



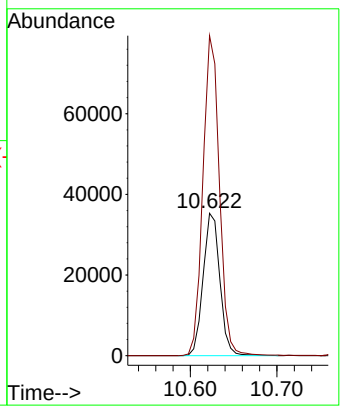


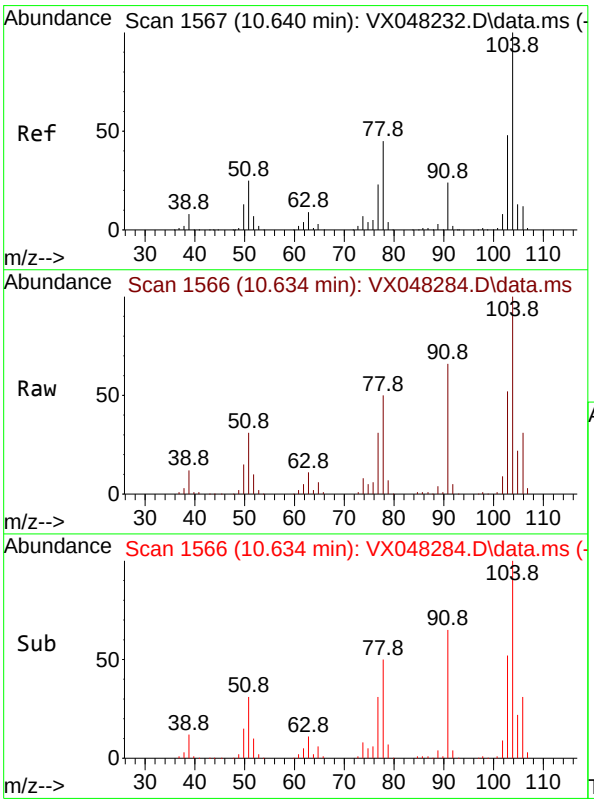

#69
o-Xylene
Concen: 19.068 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:106 Resp: 47318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.3 | 111.3 | 333.9 |

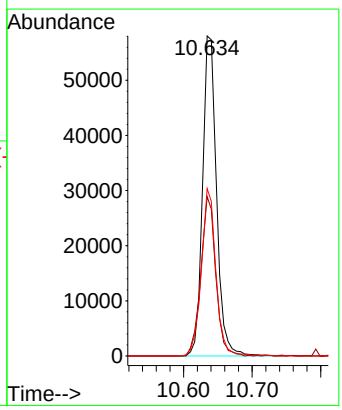


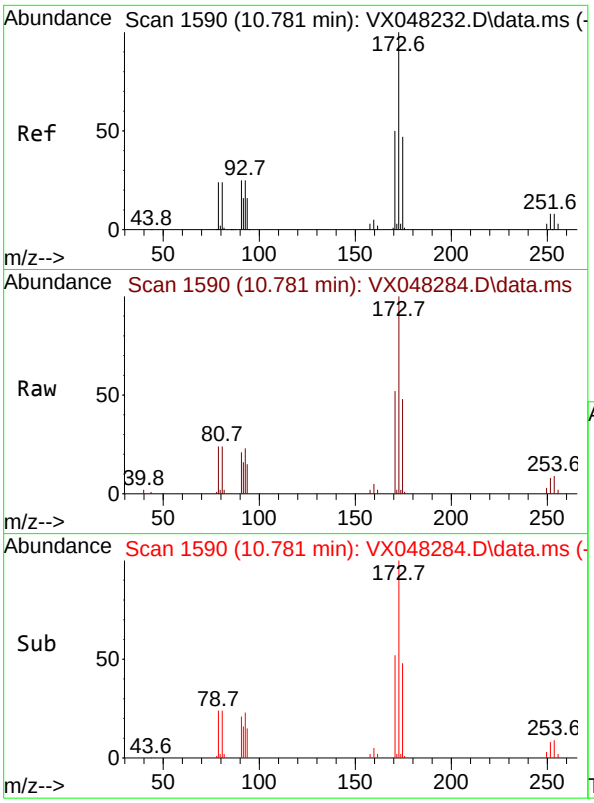




#70
Styrene
Concen: 19.558 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:104 Resp: 82638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.7 | 42.2 | 63.4 |
| 103 | 54.3 | 43.0 | 64.4 |



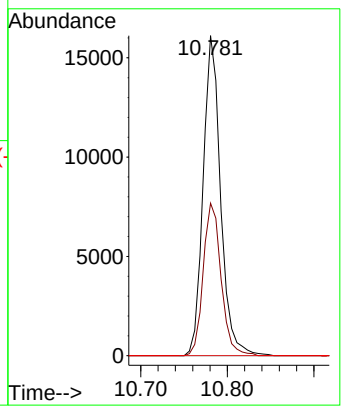


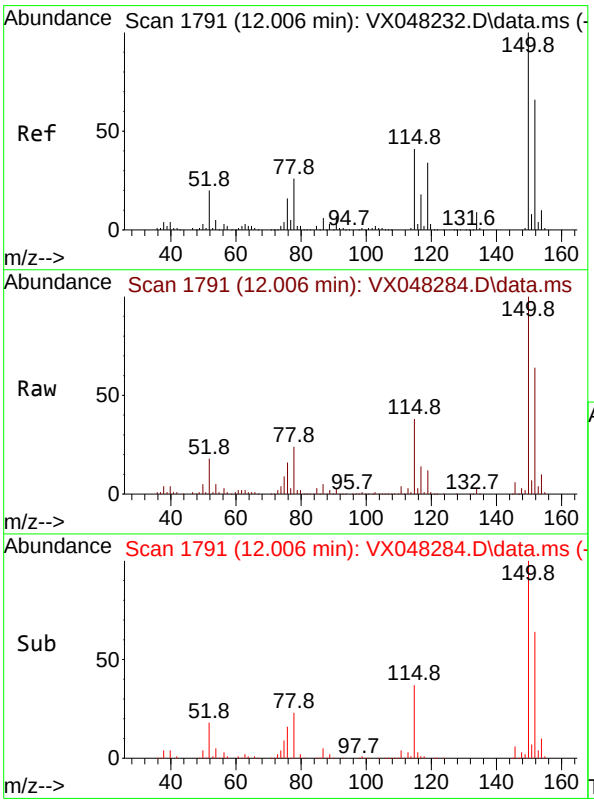

#71
Bromoform
Concen: 18.905 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:173 Resp: 22550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.8 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

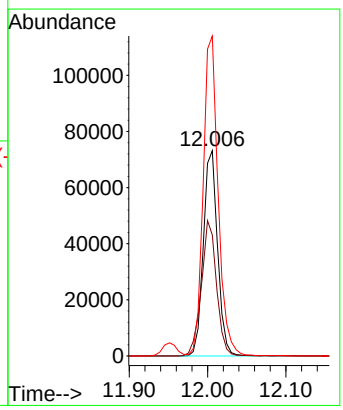


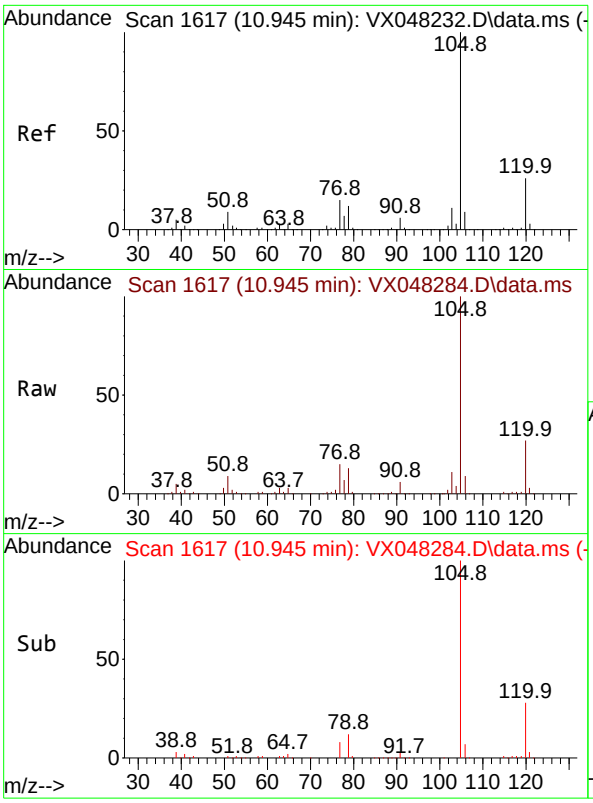




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:152 Resp: 92297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 70.1 | 43.1 | 129.4 |
| 150 | 162.8 | 0.0 | 353.0 |



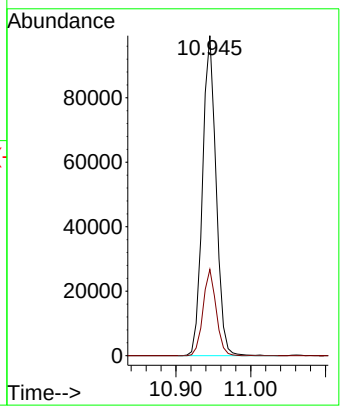


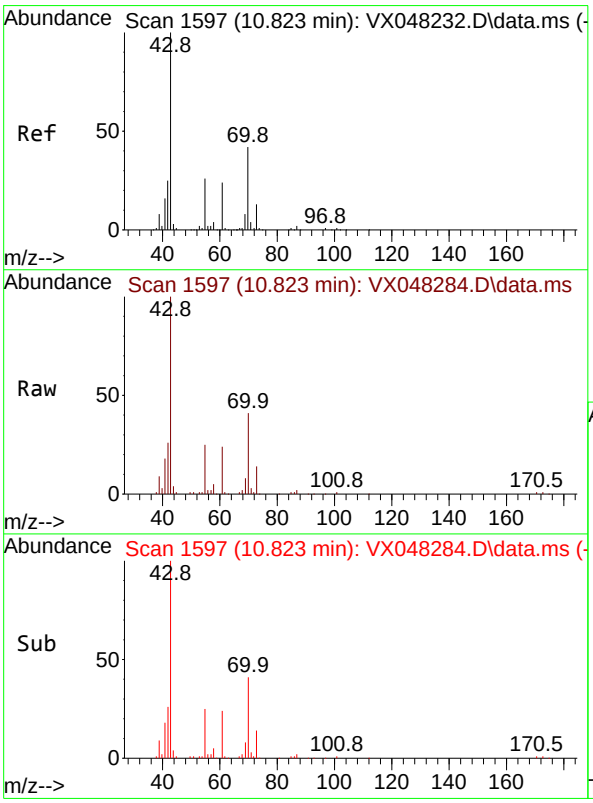

#73
Isopropylbenzene
Concen: 18.532 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:105 Resp: 124929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 13.0 | 38.9 |

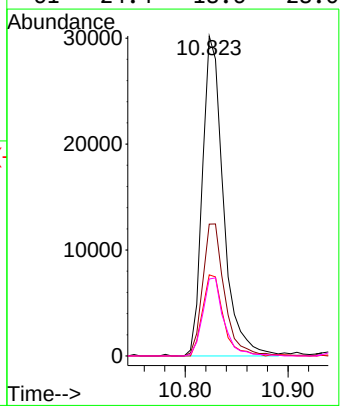


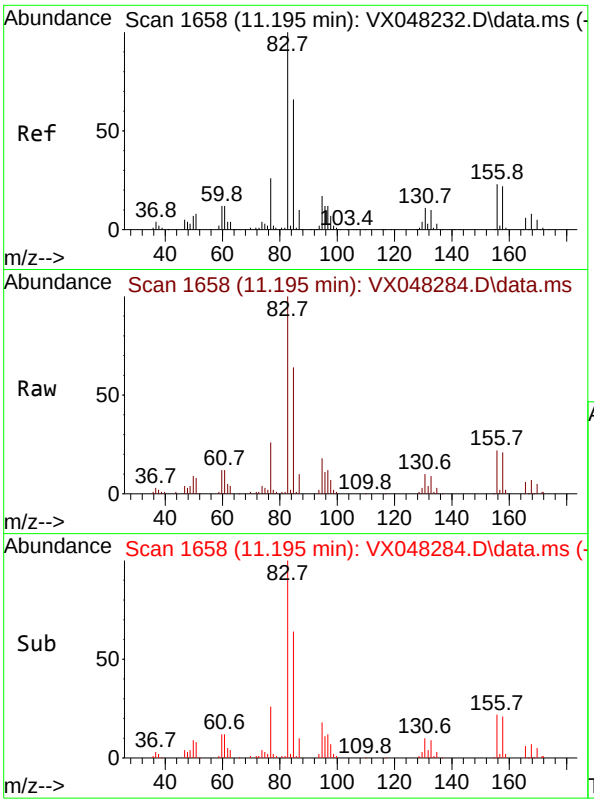




#74
N-amyl acetate
Concen: 17.899 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 43 Resp: 42802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.3 | 32.2 | 48.2 |
| 55 | 25.2 | 19.1 | 28.7 |
| 61 | 24.4 | 18.6 | 28.0 |



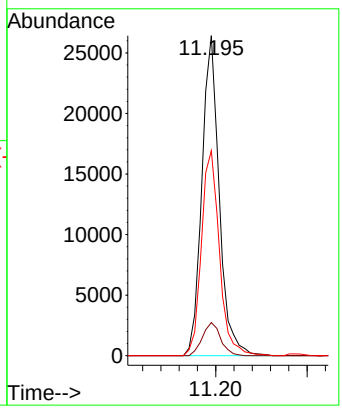


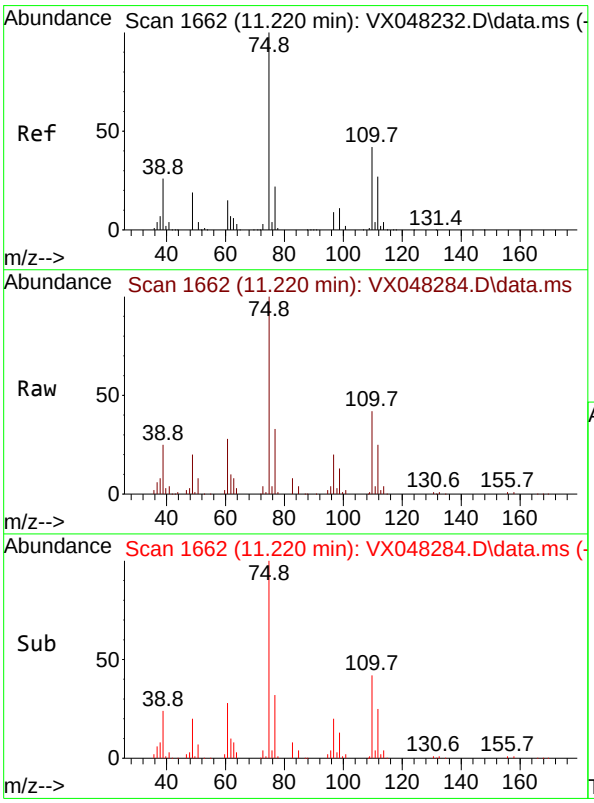

#75
1,1,2,2-Tetrachloroethane
Concen: 18.887 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 83 Resp: 34771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.8 | 4.8 | 14.4 |
| 85 | 66.4 | 31.9 | 95.7 |

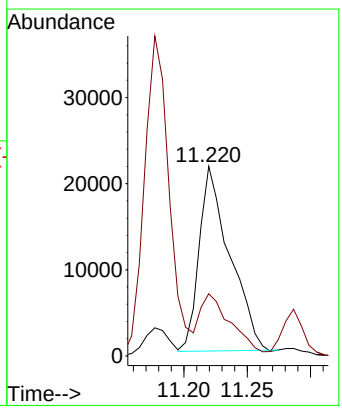


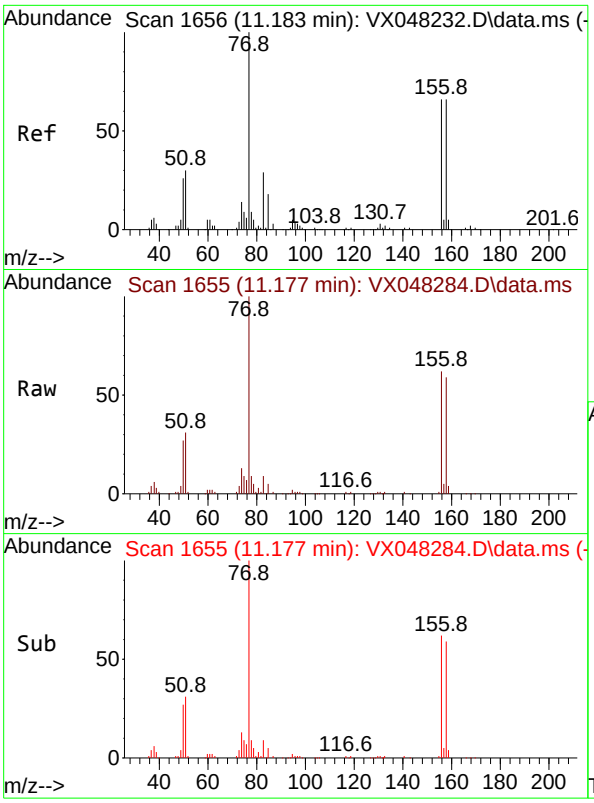




#76
1,2,3-Trichloropropane
Concen: 24.160 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 36161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.0 | 22.4 | 67.2 |



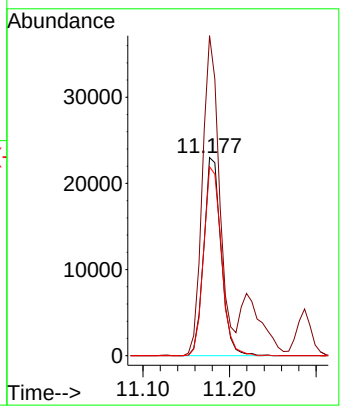


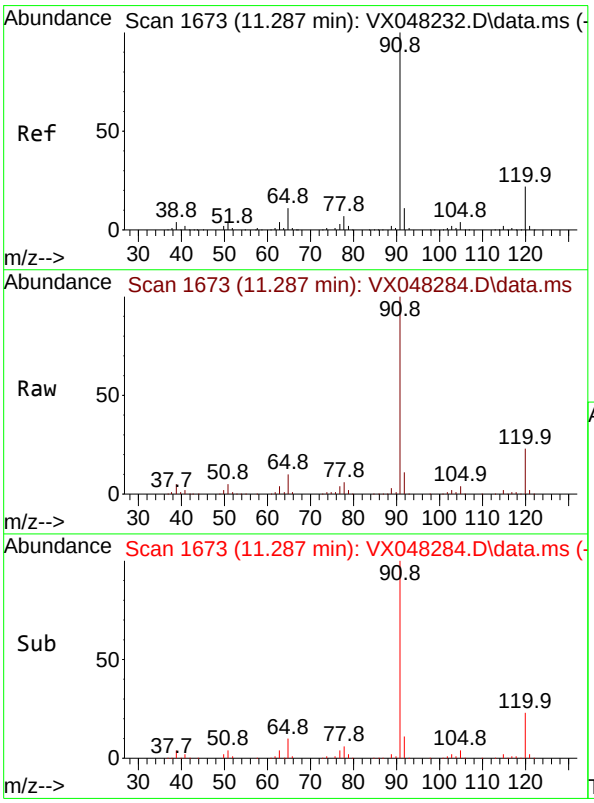

#77
Bromobenzene
Concen: 18.917 ug/l
RT: 11.177 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:156 Resp: 31977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 159.4 | 87.0 | 261.0 |
| 158 | 97.5 | 47.8 | 143.4 |

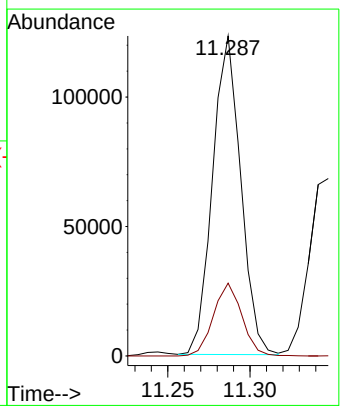


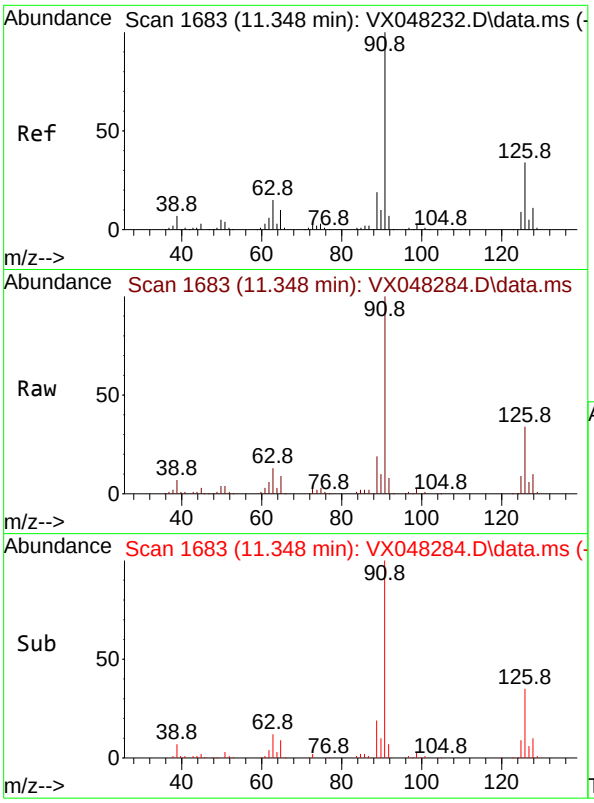




#78
n-propylbenzene
Concen: 18.800 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 91 Resp: 146740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.1 | 11.1 | 33.1 |



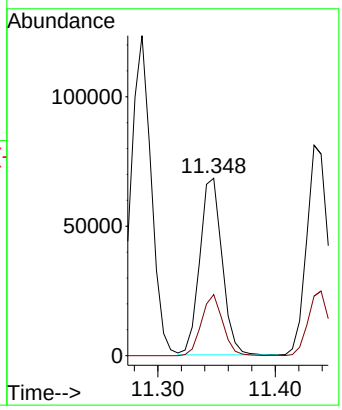


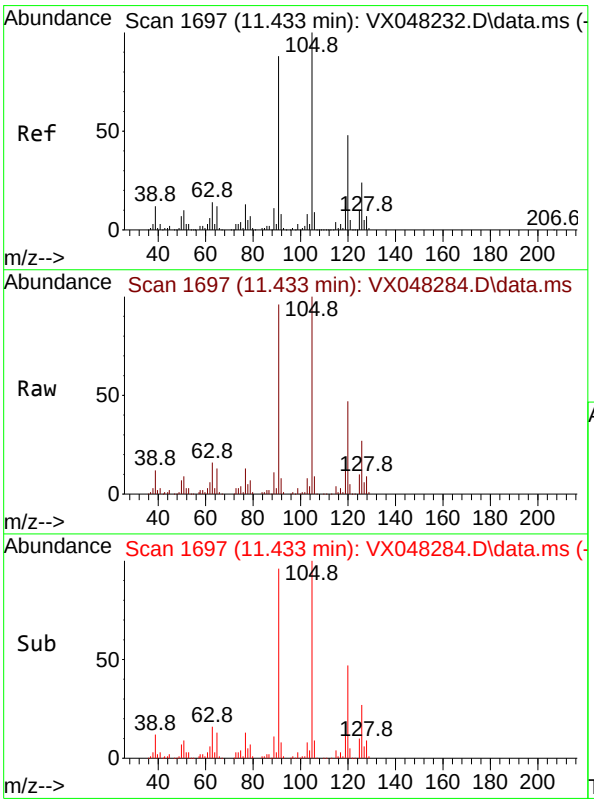

#79
2-Chlorotoluene
Concen: 19.047 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 91 Resp: 90136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.1 | 16.4 | 49.4 |

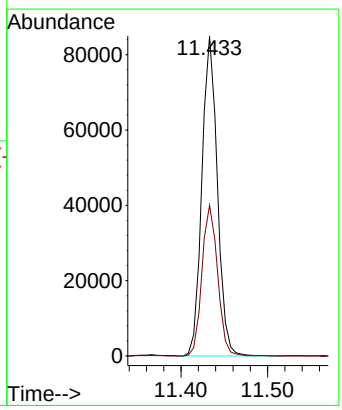


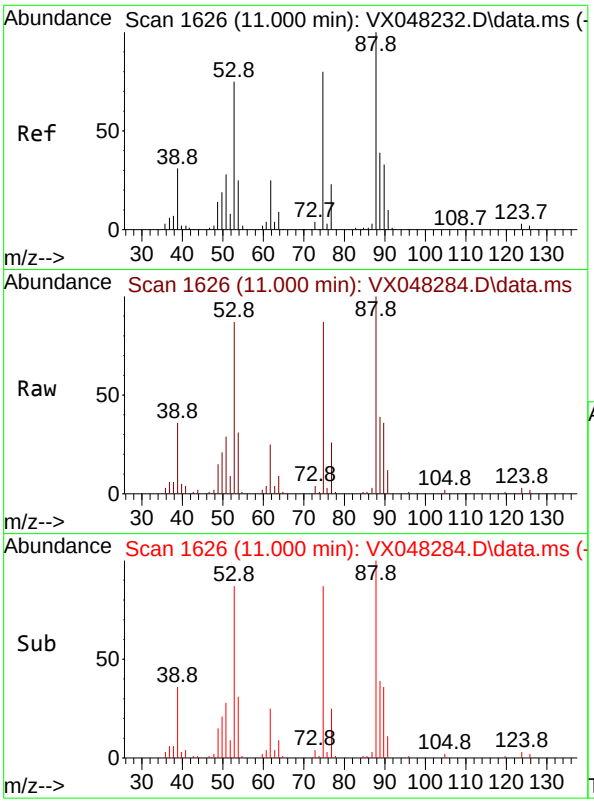




#80
1,3,5-Trimethylbenzene
Concen: 18.861 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:105 Resp: 105222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.6 | 24.0 | 72.0 |



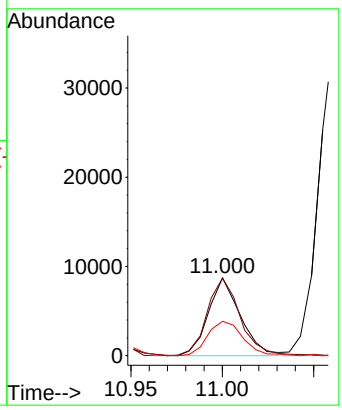


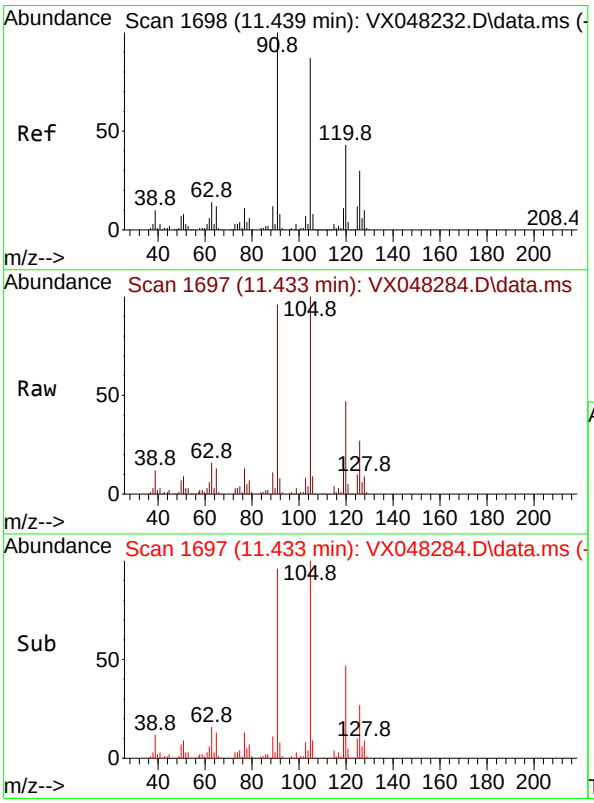

#81
trans-1,4-Dichloro-2-butene
Concen: 17.303 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 75 Resp: 10645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 103.6 | 79.5 | 119.3 |
| 89 | 48.7 | 36.8 | 55.2 |

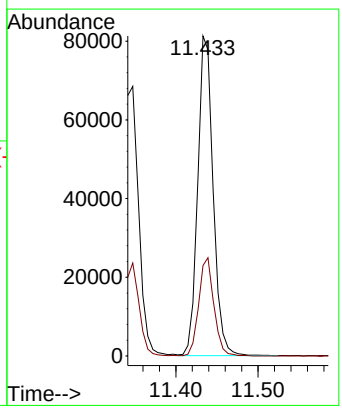


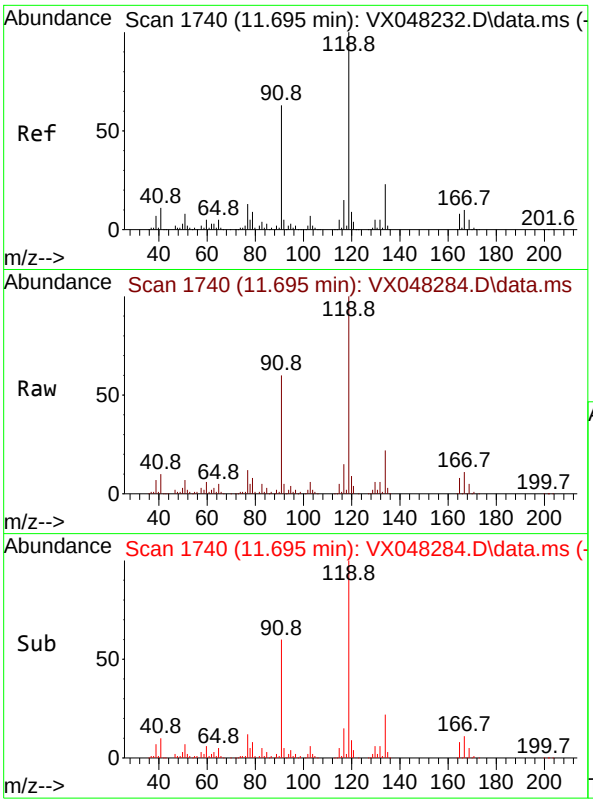




#82
4-Chlorotoluene
Concen: 18.803 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 91 Resp: 105630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.2 | 14.1 | 42.4 |



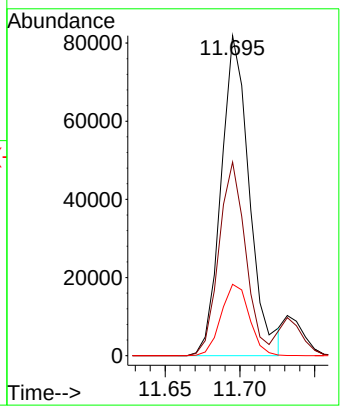


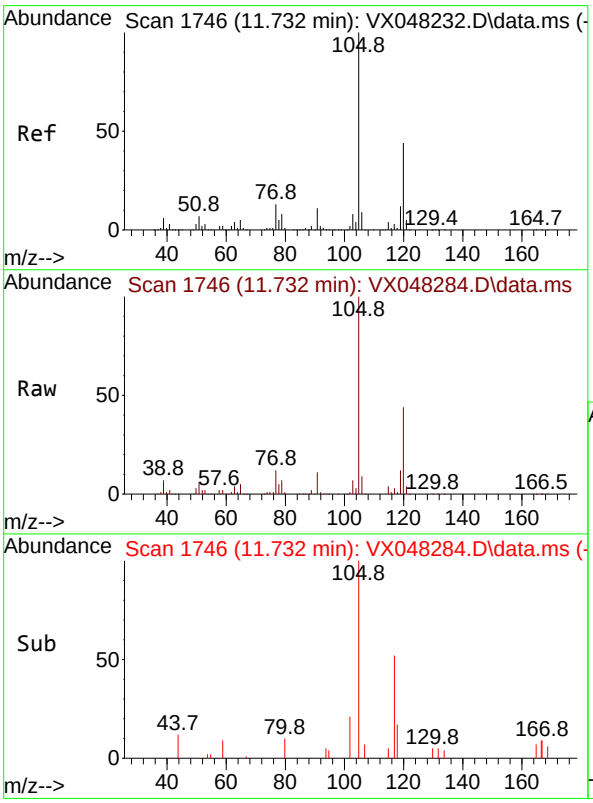

#83
tert-Butylbenzene
Concen: 18.752 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:119 Resp: 107485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.4 | 30.3 | 91.0 |
| 134 | 22.4 | 11.4 | 34.2 |

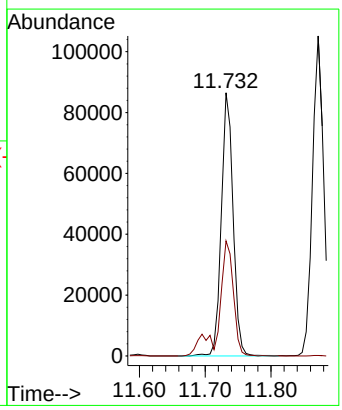


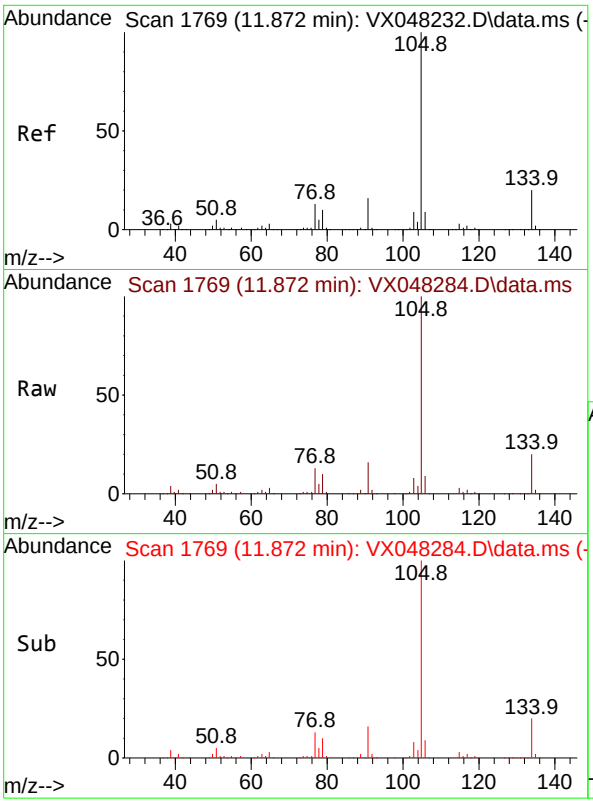




#84
1,2,4-Trimethylbenzene
Concen: 19.382 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:105 Resp: 107910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.9 | 22.1 | 66.5 |



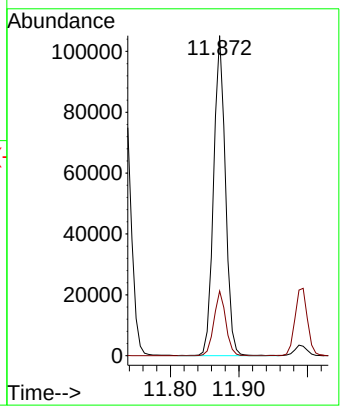


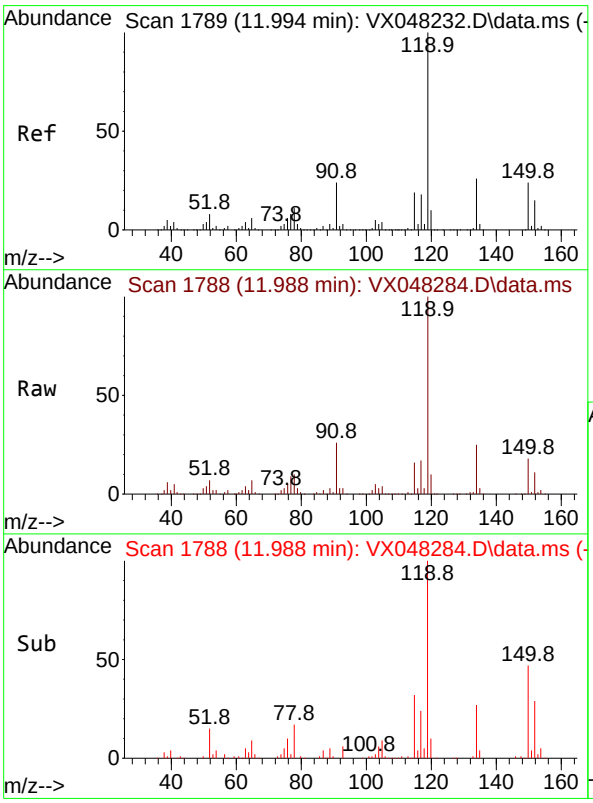

#85
sec-Butylbenzene
Concen: 18.276 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:105 Resp: 126036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.1 | 30.1 |

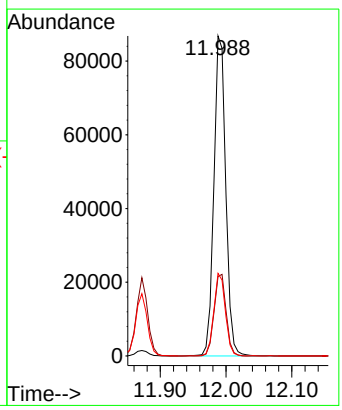


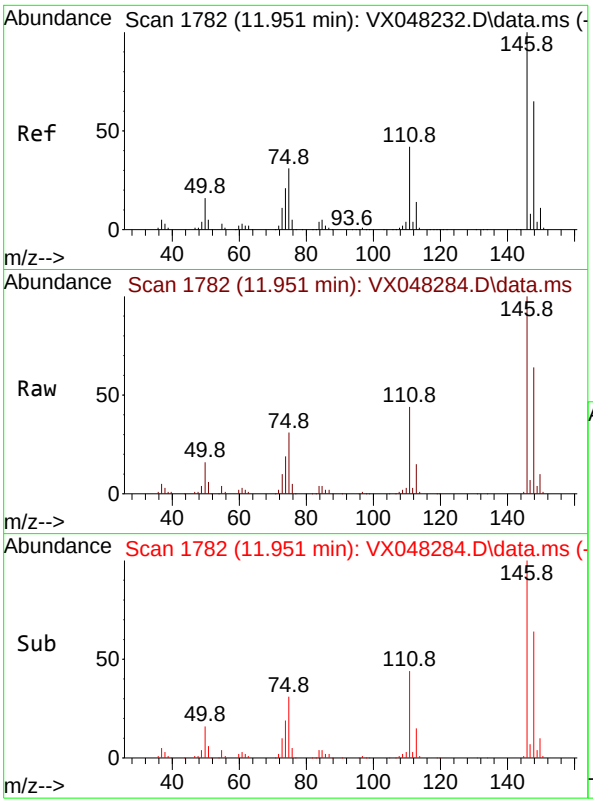




#86
p-Isopropyltoluene
Concen: 18.291 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:119 Resp: 109030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.8 | 13.0 | 39.0 |
| 91 | 25.1 | 12.1 | 36.3 |



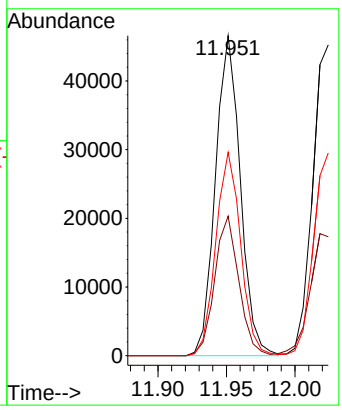


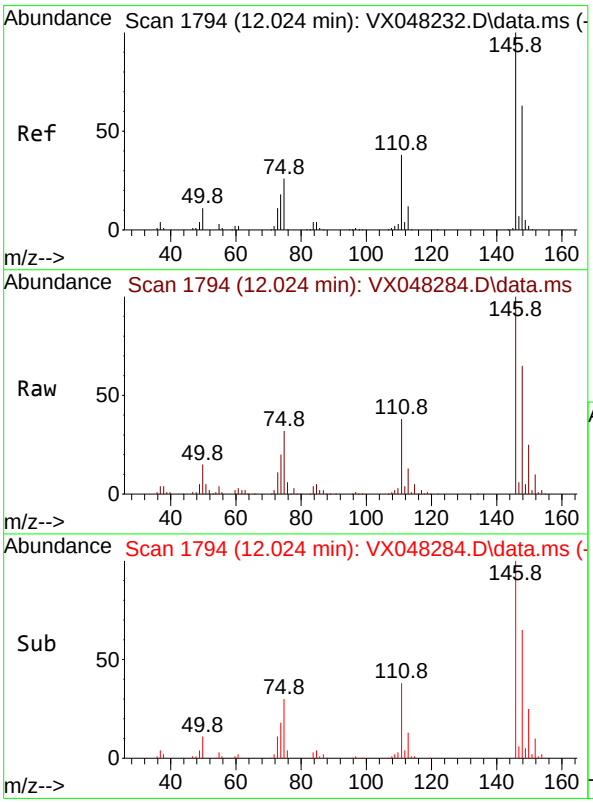

#87
1,3-Dichlorobenzene
Concen: 18.459 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:146 Resp: 58821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 20.4 | 61.2 |
| 148 | 63.6 | 31.9 | 95.9 |

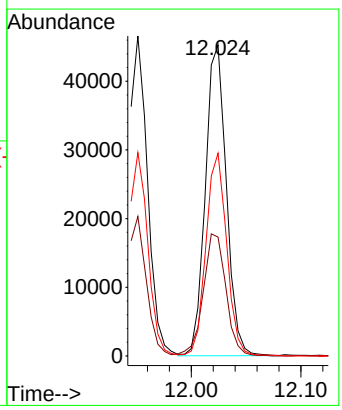


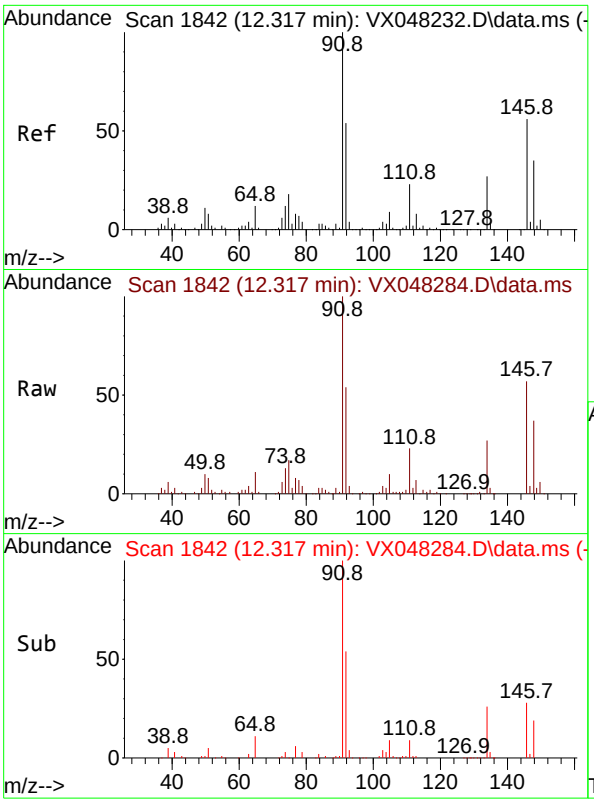




#88
1,4-Dichlorobenzene
Concen: 18.231 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:146 Resp: 60184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.6 | 20.1 | 60.2 |
| 148 | 64.6 | 31.8 | 95.3 |



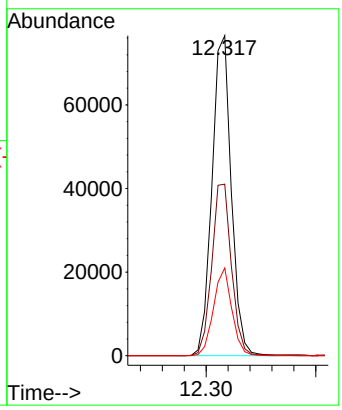


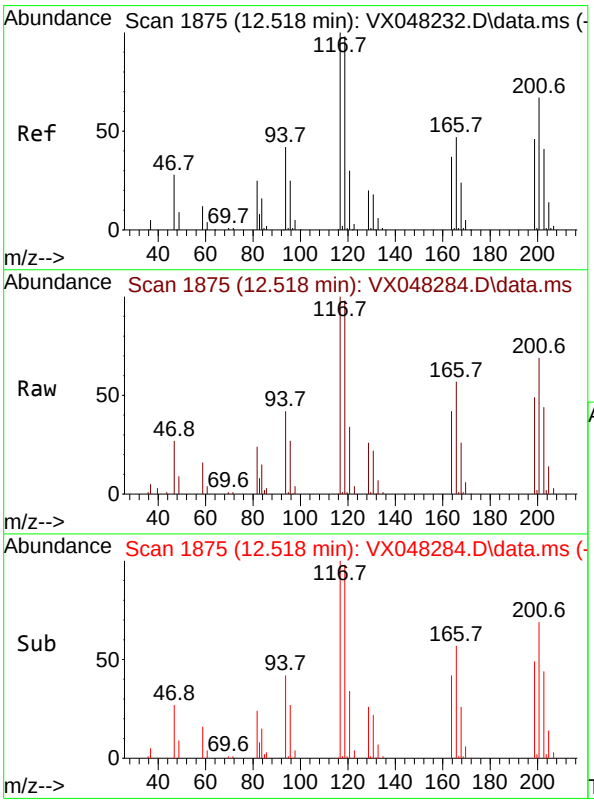

#89
n-Butylbenzene
Concen: 17.258 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion: 91 Resp: 93633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.9 | 26.9 | 80.6 |
| 134 | 26.0 | 12.7 | 38.1 |

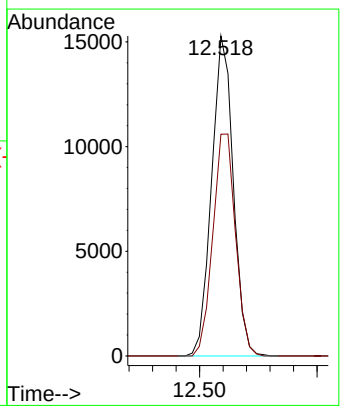


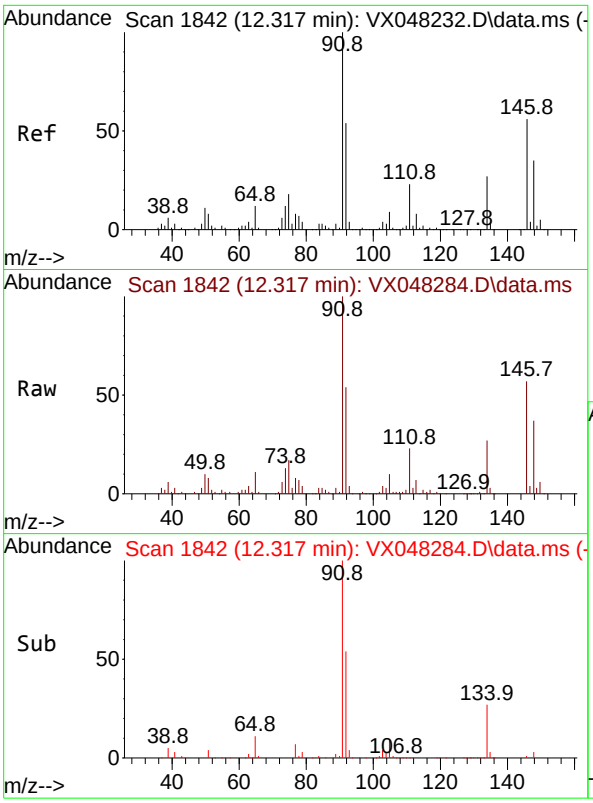




#90
Hexachloroethane
Concen: 16.632 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:117 Resp: 19578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 72.9 | 34.1 | 102.2 |



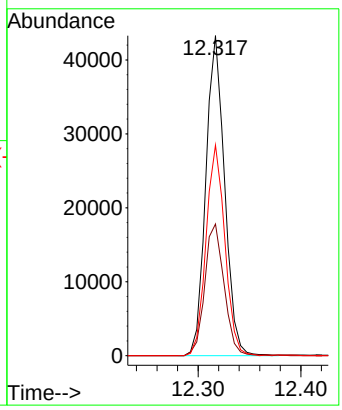


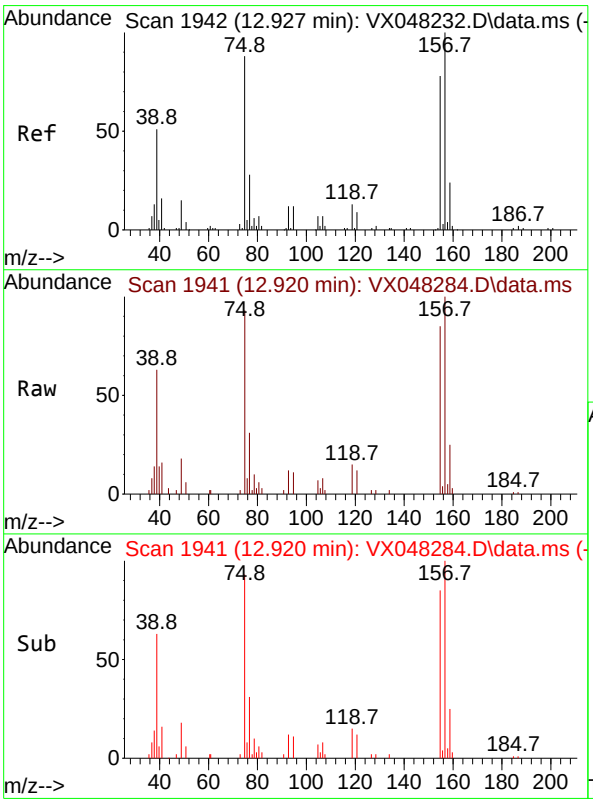

#91
1,2-Dichlorobenzene
Concen: 18.351 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:146 Resp: 54904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 21.9 | 65.5 |
| 148 | 65.9 | 31.9 | 95.5 |

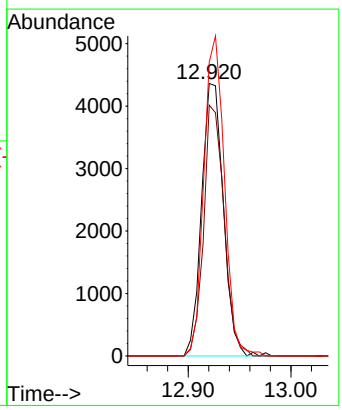


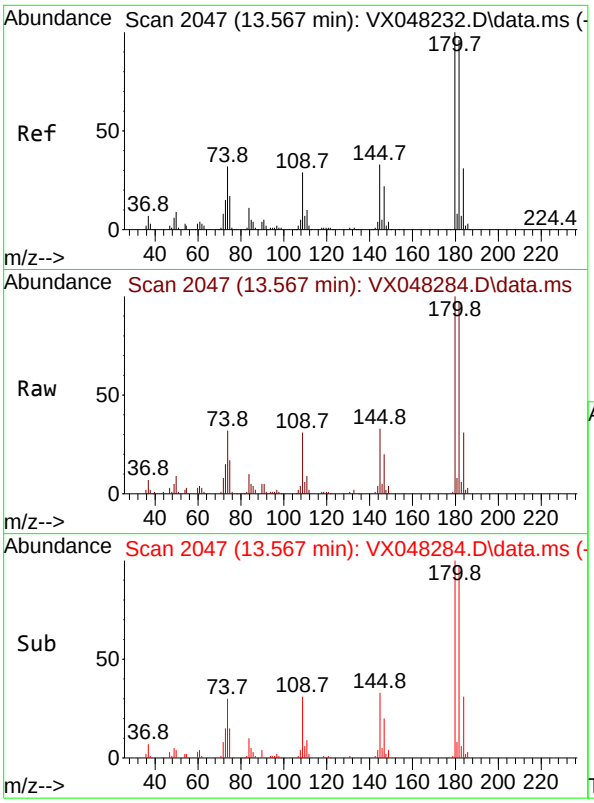




#92
1,2-Dibromo-3-Chloropropane
Concen: 17.199 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion: 75 Resp: 6427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 86.5 | 42.8 | 128.4 |
| 157 | 110.6 | 54.2 | 162.6 |



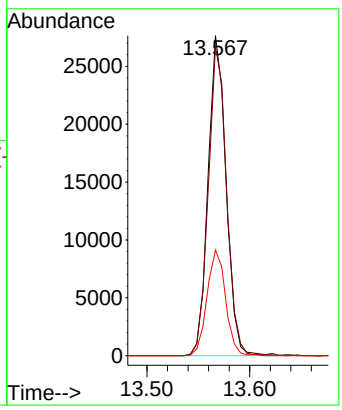


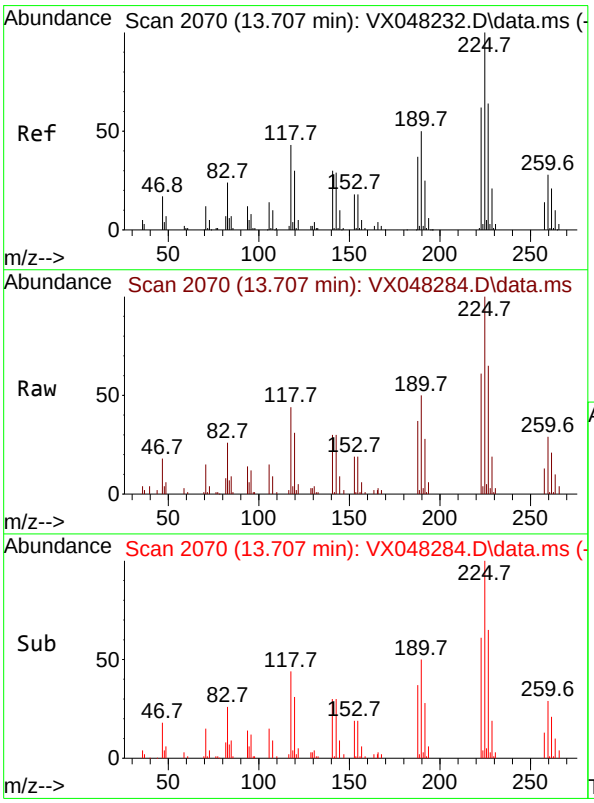

#93
1,2,4-Trichlorobenzene
Concen: 16.647 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:180 Resp: 33681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.1 | 47.3 | 142.0 |
| 145 | 34.1 | 16.3 | 48.9 |

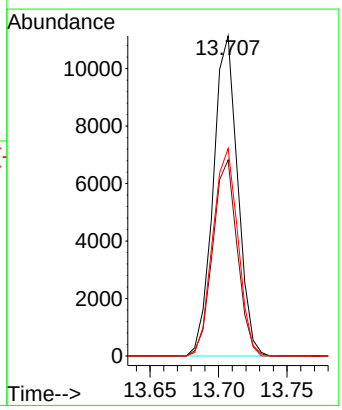


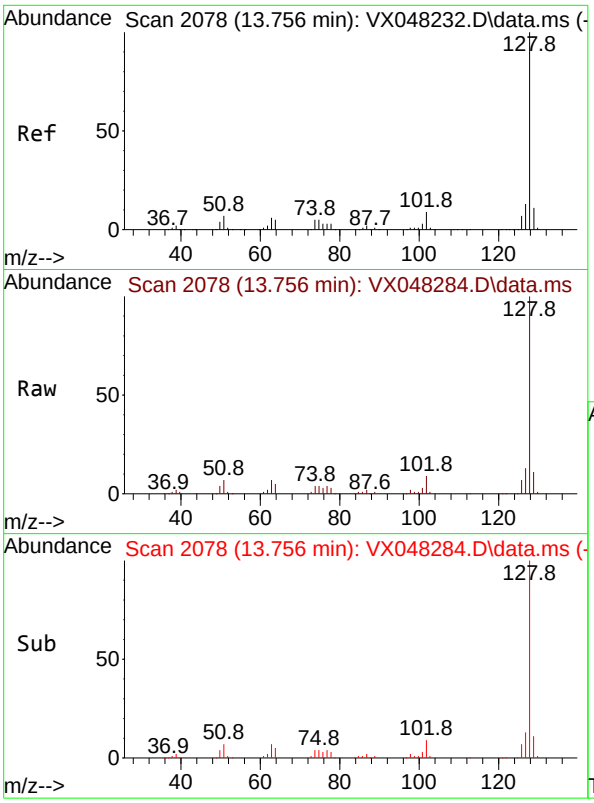




#94
Hexachlorobutadiene
Concen: 18.273 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:225 Resp: 13822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.5 | 32.6 | 97.7 |
| 227 | 66.5 | 32.5 | 97.4 |



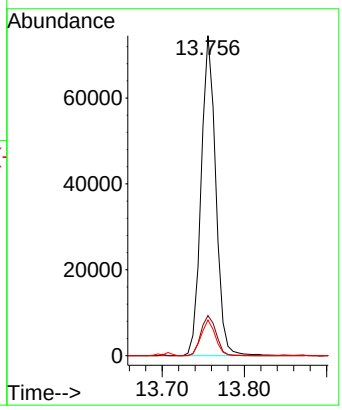


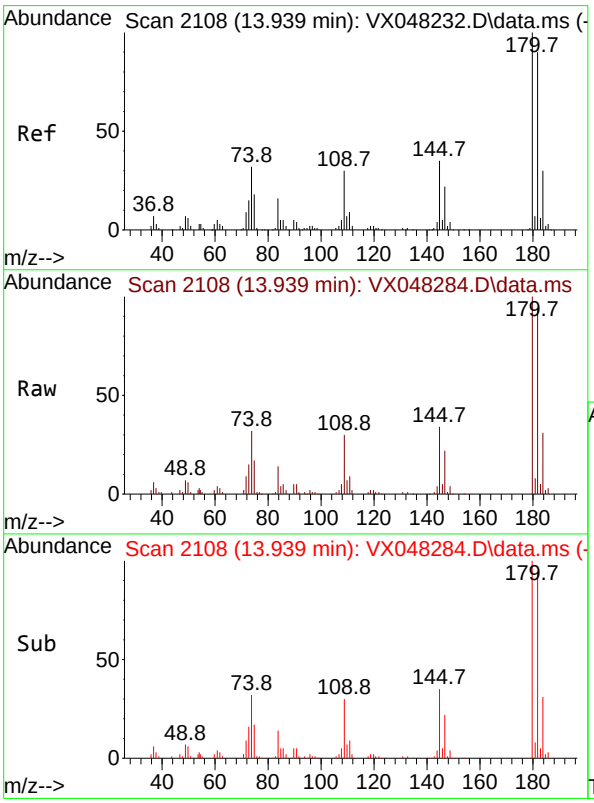

#95
Naphthalene
Concen: 17.176 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1022WBSD01

Tgt Ion:128 Resp: 92069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.4 |
| 129 | 10.9 | 8.6 | 12.8 |

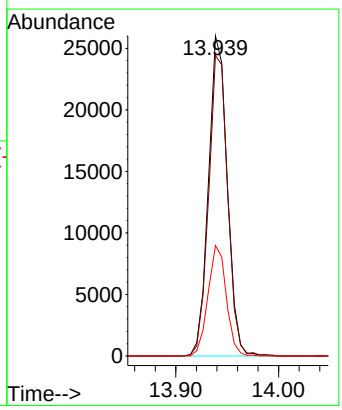



#96
1,2,3-Trichlorobenzene
Concen: 17.794 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048284.D
Acq: 22 Oct 2025 10:18

Tgt Ion:180 Resp: 33036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 46.6 | 139.7 |
| 145 | 33.6 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 165808 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 262018 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 162404 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 79762 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 98371 | 42.315 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 84.620% | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 77200 | 43.158 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 86.320% | | |
| 50) Toluene-d8 | 8.635 | 98 | 306881 | 48.945 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 97.900% | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 79463 | 33.314 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 66.620%# | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.173 | 85 | 66177 | 38.824 | ug/l | 97 |
| 3) Chloromethane | 1.301 | 50 | 37608 | 23.638 | ug/l | 95 |
| 4) Vinyl Chloride | 1.380 | 62 | 91377 | 62.022 | ug/l | 100 |
| 5) Bromomethane | 1.612 | 94 | 32351 | 32.356 | ug/l | 97 |
| 6) Chloroethane | 1.697 | 64 | 56587 | 65.362 | ug/l | 94 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 146591 | 51.880 | ug/l | 99 |
| 8) Diethyl Ether | 2.136 | 74 | 53679 | 67.517 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 60114 | 33.597 | ug/l | 94 |
| 10) Methyl Iodide | 2.459 | 142 | 181583 | 80.726 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.941 | 59 | 32336 | 140.093 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 62980 | 36.180 | ug/l | 92 |
| 13) Acrolein | 2.233 | 56 | 74306 | 315.647 | ug/l | 99 |
| 14) Allyl chloride | 2.666 | 41 | 79895 | 27.644 | ug/l | 91 |
| 15) Acrylonitrile | 3.056 | 53 | 114921 | 138.075 | ug/l | 100 |
| 16) Acetone | 2.374 | 43 | 95807 | 120.131 | ug/l | 98 |
| 17) Carbon Disulfide | 2.514 | 76 | 139872 | 25.495 | ug/l | 98 |
| 18) Methyl Acetate | 2.697 | 43 | 59506 | 35.728 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 185328 | 31.207 | ug/l | 96 |
| 20) Methylene Chloride | 2.788 | 84 | 57361 | 29.518 | ug/l | 91 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 57282 | 29.957 | ug/l | 97 |
| 22) Diisopropyl ether | 3.751 | 45 | 291884 | 50.635 | ug/l | 96 |
| 23) Vinyl Acetate | 3.715 | 43 | 1110692 | 241.211 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 110925 | 31.824 | ug/l | 99 |
| 25) 2-Butanone | 4.538 | 43 | 228459 | 226.319 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.471 | 77 | 135695 | 43.131 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 109379 | 49.014 | ug/l | 96 |
| 28) Bromochloromethane | 4.891 | 49 | 75080 | 51.950 | ug/l | 96 |
| 29) Tetrahydrofuran | 4.989 | 42 | 151482 | 250.563 | ug/l | 98 |
| 30) Chloroform | 5.080 | 83 | 171030 | 45.928 | ug/l | 99 |
| 31) Cyclohexane | 5.458 | 56 | 143903 | 49.868 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 152924 | 44.558 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.678 | 75 | 115364 | 45.375 | ug/l | 99 |
| 37) Ethyl Acetate | 4.702 | 43 | 115541 | 54.827 | ug/l | 95 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 127792 | 40.741 | ug/l | 95 |
| 39) Methylcyclohexane | 7.367 | 83 | 142533 | 47.470 | ug/l | 94 |
| 40) Benzene | 6.025 | 78 | 339549 | 46.000 | ug/l | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.904 | 41 | 56448 | 51.006 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 124472 | 45.697 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.324 | 43 | 179767 | 51.932 | ug/l | | 97 |
| 44) Trichloroethene | 7.111 | 130 | 92885 | 47.655 | ug/l | | 95 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 88398 | 50.369 | ug/l | | 98 |
| 46) Dibromomethane | 7.568 | 93 | 61658 | 45.095 | ug/l | | 94 |
| 47) Bromodichloromethane | 7.806 | 83 | 131135 | 44.420 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.678 | 41 | 83930 | 48.050 | ug/l | | 96 |
| 49) 1,4-Dioxane | 7.641 | 88 | 20301 | 879.716 | ug/l | | 91 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 516932 | 259.006 | ug/l | | 97 |
| 52) Toluene | 8.702 | 92 | 226635 | 48.329 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 123757 | 43.501 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 131492 | 42.840 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 9.135 | 97 | 67181 | 38.524 | ug/l | | 99 |
| 56) Ethyl methacrylate | 9.098 | 69 | 114708 | 44.971 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 94925 | 31.867 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 350352 | 255.410 | ug/l | | 99 |
| 59) 2-Hexanone | 9.415 | 43 | 211292 | 151.826 | ug/l | | 95 |
| 60) Dibromochloromethane | 9.507 | 129 | 69937 | 29.838 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 57700 | 31.036 | ug/l | | 97 |
| 64) Tetrachloroethene | 9.257 | 164 | 62003 | 51.141 | ug/l | | 98 |
| 65) Chlorobenzene | 10.061 | 112 | 164147 | 44.931 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131 | 61612 | 45.916 | ug/l | | 97 |
| 67) Ethyl Benzene | 10.177 | 91 | 285001 | 45.820 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 217045 | 93.917 | ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 103036 | 46.180 | ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 177742 | 46.785 | ug/l | | 99 |
| 71) Bromoform | 10.781 | 173 | 45139 | 42.089 | ug/l | # | 97 |
| 73) Isopropylbenzene | 10.945 | 105 | 280008 | 48.063 | ug/l | | 99 |
| 74) N-amyl acetate | 10.823 | 43 | 94223 | 45.596 | ug/l | | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 70007 | 44.003 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.220 | 75 | 78904 | 61.002 | ug/l | | 80 |
| 77) Bromobenzene | 11.183 | 156 | 70363 | 48.168 | ug/l | | 93 |
| 78) n-propylbenzene | 11.287 | 91 | 322187 | 47.765 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.348 | 91 | 192865 | 47.160 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 231776 | 48.075 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 17468 | 32.856 | ug/l | # | 93 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 226624 | 46.681 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.695 | 119 | 228741 | 46.177 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 230093 | 47.822 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 273283 | 45.855 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 240774 | 46.741 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 122488 | 44.479 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 125212 | 43.891 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 209483 | 44.679 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 37811 | 37.170 | ug/l | | 88 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 117796 | 45.560 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.921 | 75 | 15163 | 46.953 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 81717 | 46.736 | ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 32287 | 49.279 | ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 220659 | 47.634 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.939 | 180 | 75696 | 47.178 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

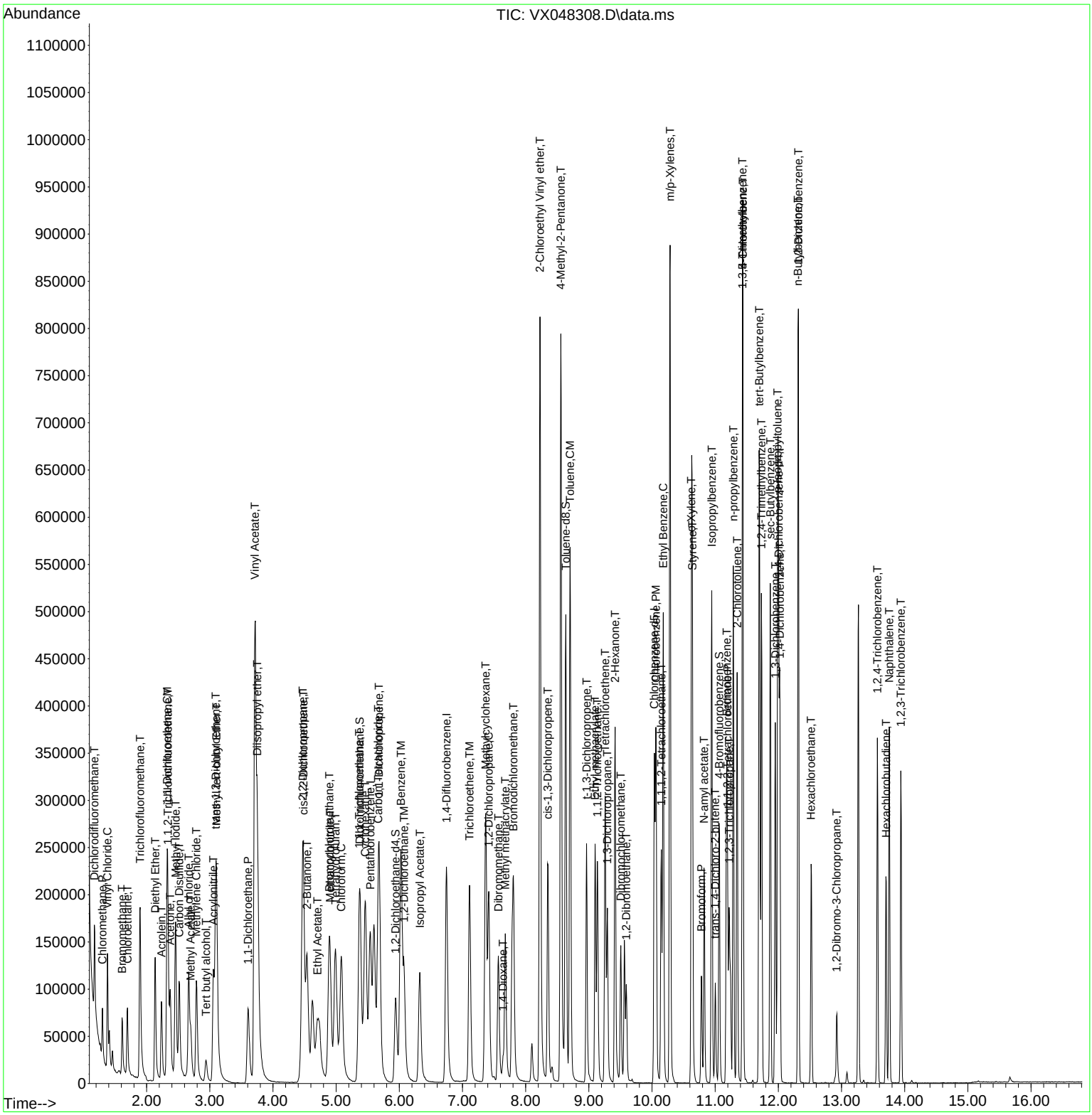
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

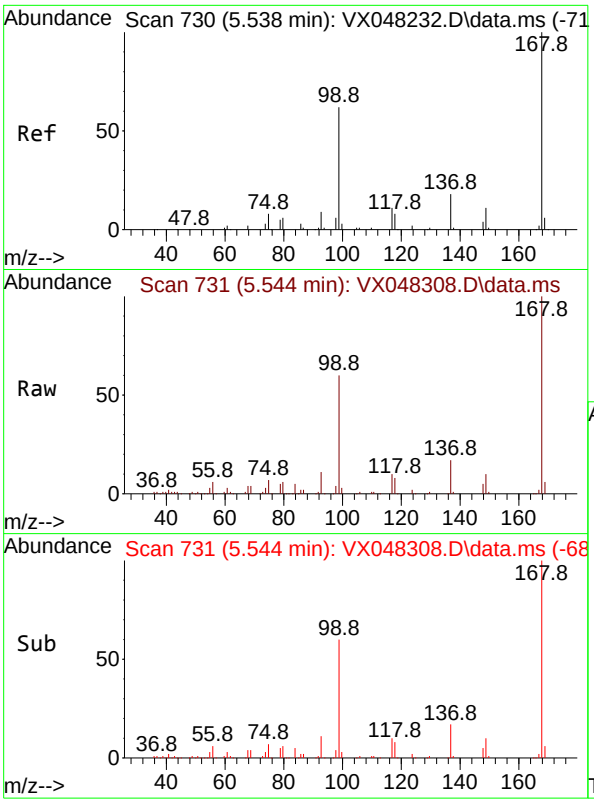
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048308.D
Acq On : 22 Oct 2025 18:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Oct 24 05:58:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



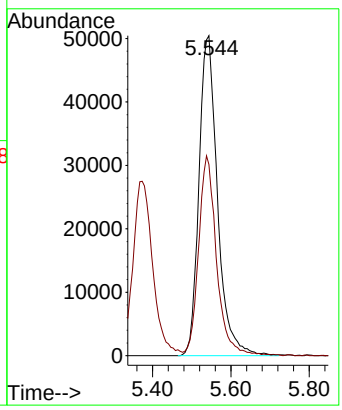


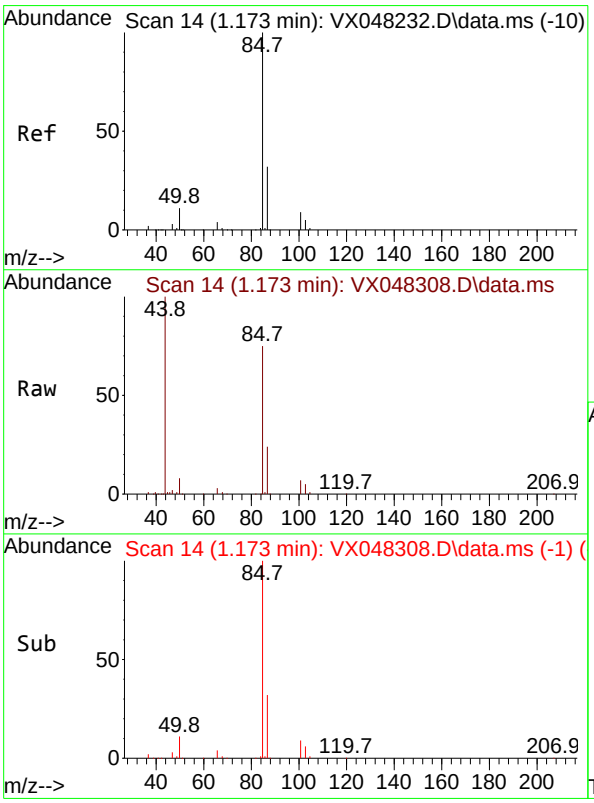

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:168 Resp: 165808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.4 | 46.4 | 69.6 |

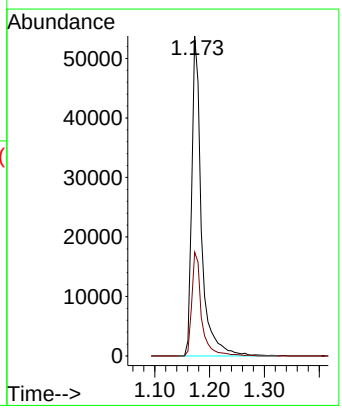


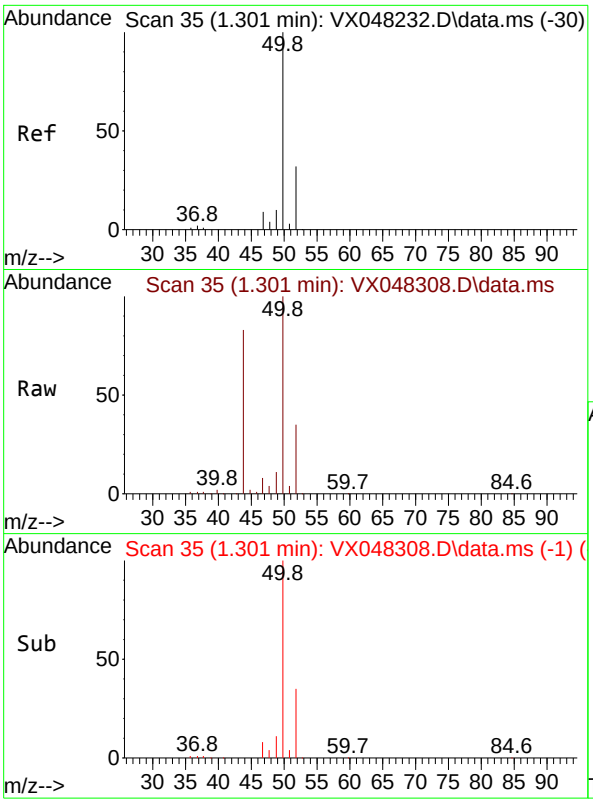




#2
Dichlorodifluoromethane
Concen: 38.824 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 85 Resp: 66177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.4 | 15.3 | 45.9 |



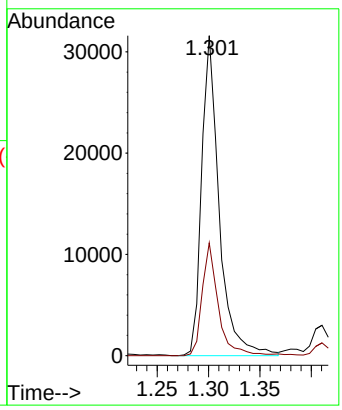


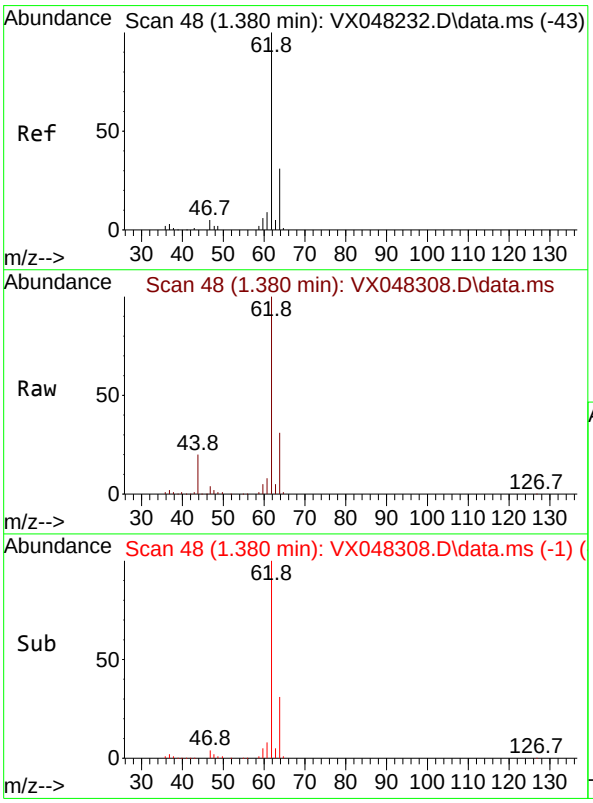

#3
Chloromethane
Concen: 23.638 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 50 Resp: 37608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.3 | 25.9 | 38.9 |

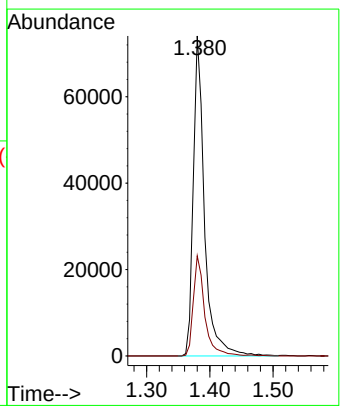


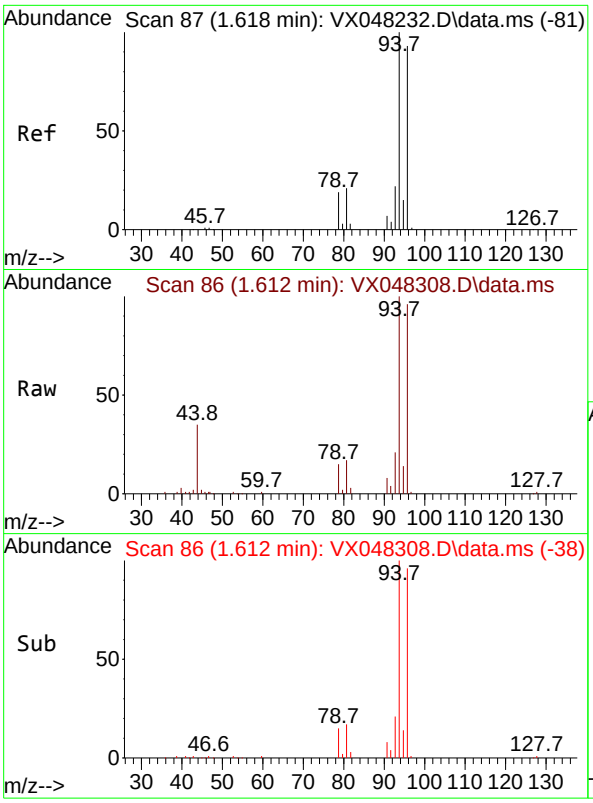




#4
Vinyl Chloride
Concen: 62.022 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 62 Resp: 91377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.3 | 25.1 | 37.7 |



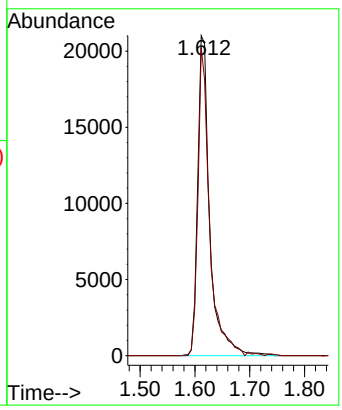


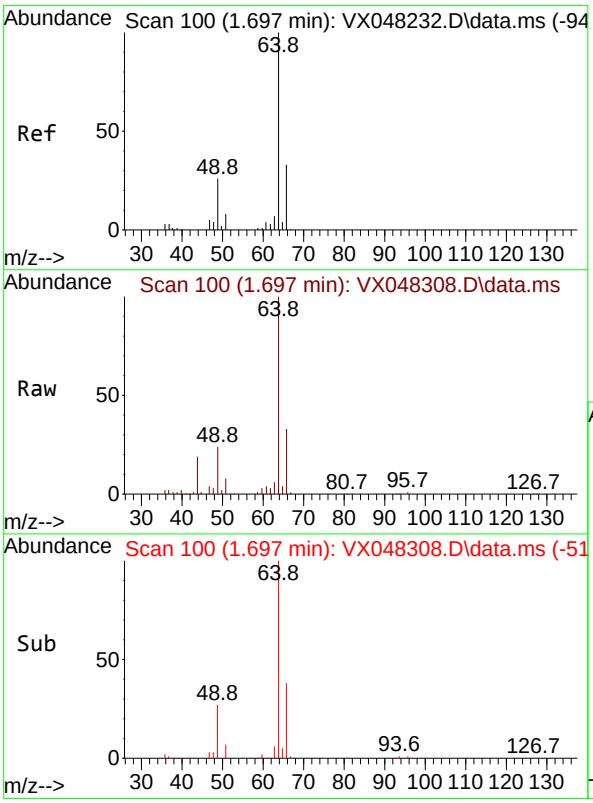

#5
Bromomethane
Concen: 32.356 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 94 Resp: 32351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 97.6 | 76.0 | 114.0 |

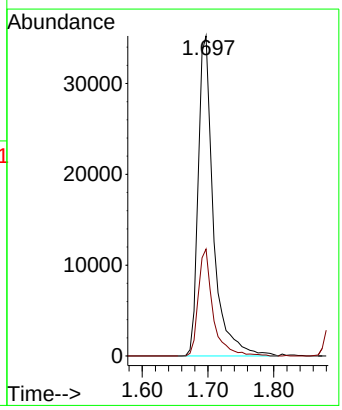


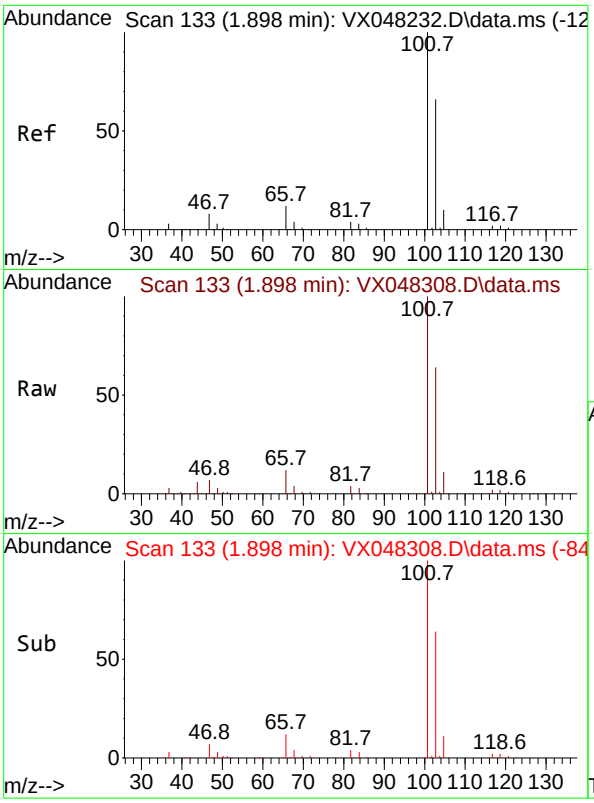




#6
Chloroethane
Concen: 65.362 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 64 Resp: 56587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.4 | 23.9 | 35.9 |



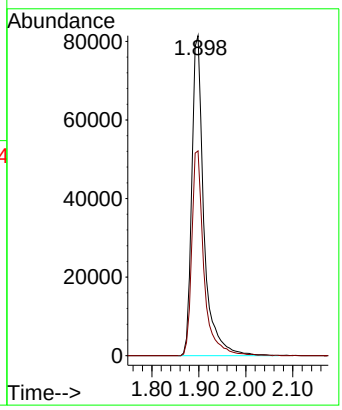


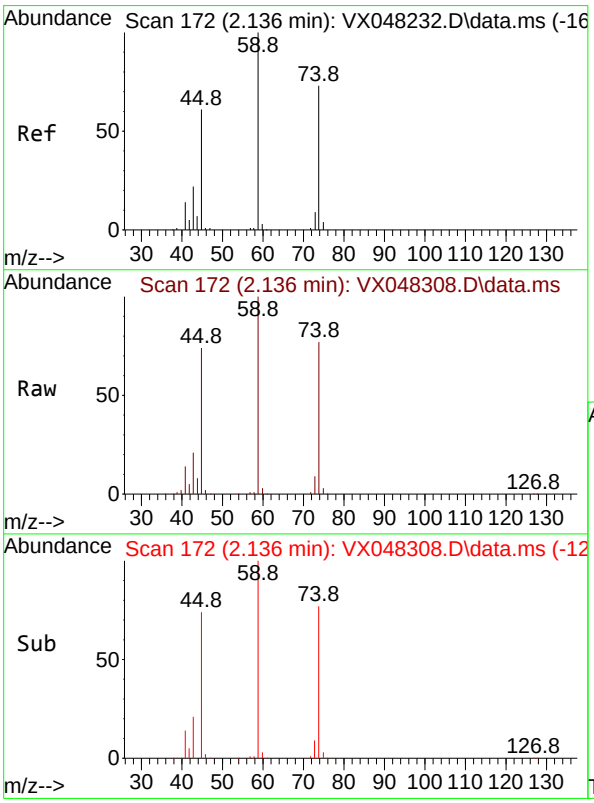

#7
Trichlorofluoromethane
Concen: 51.880 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 146591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.0 | 51.6 | 77.4 |

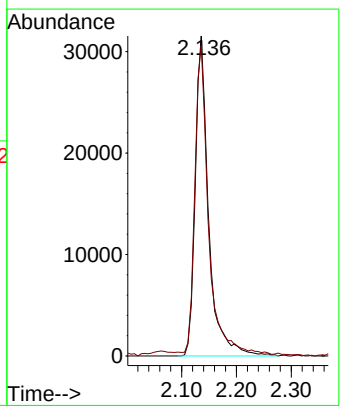


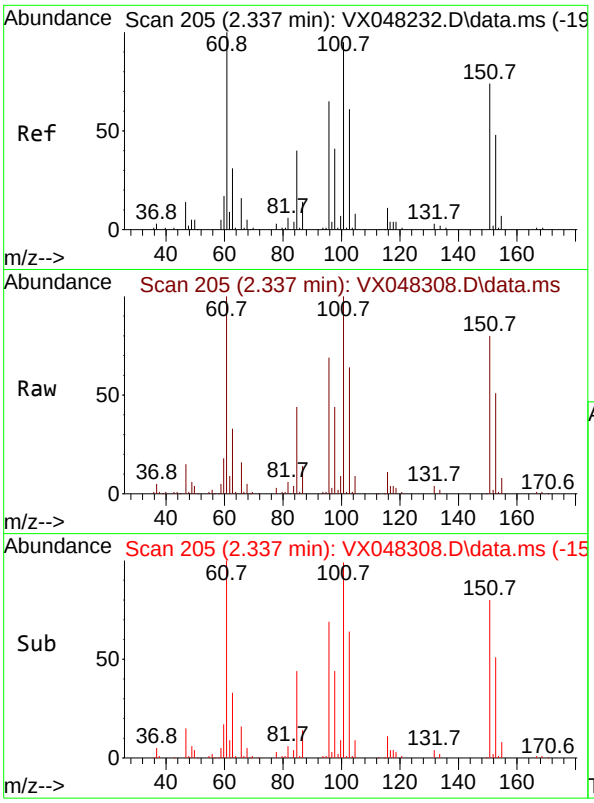




#8
Diethyl Ether
Concen: 67.517 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 74 Resp: 53679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 98.7 | 50.0 | 149.8 |



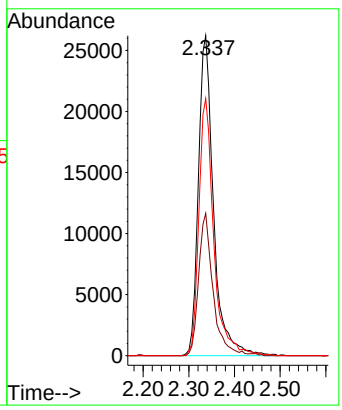


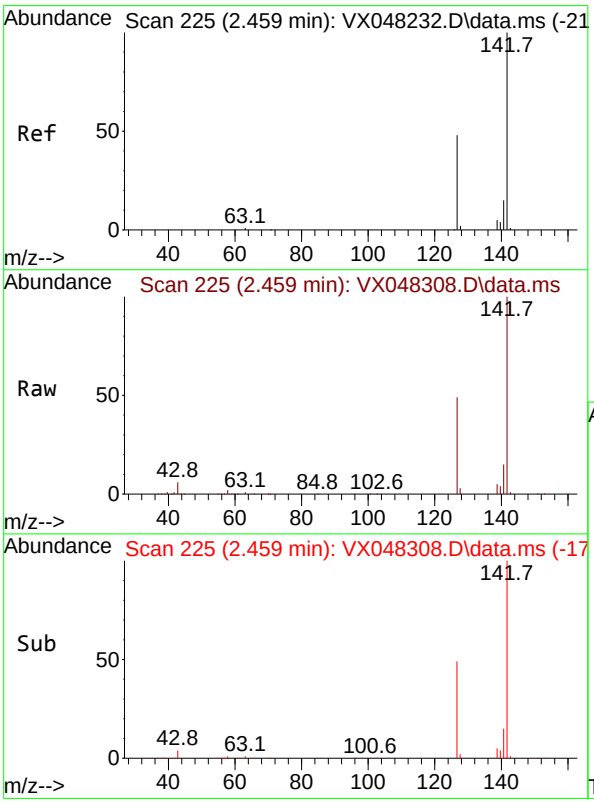

#9
1,1,2-Trichlorotrifluoroethane
Concen: 33.597 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 60114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.8 | 35.6 | 53.4 |
| 151 | 79.4 | 58.0 | 87.0 |

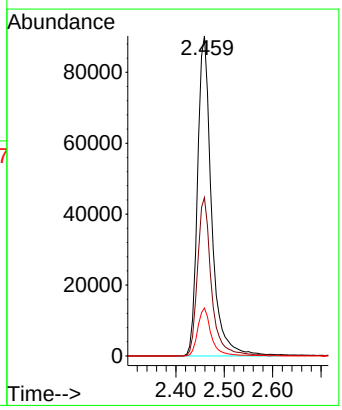


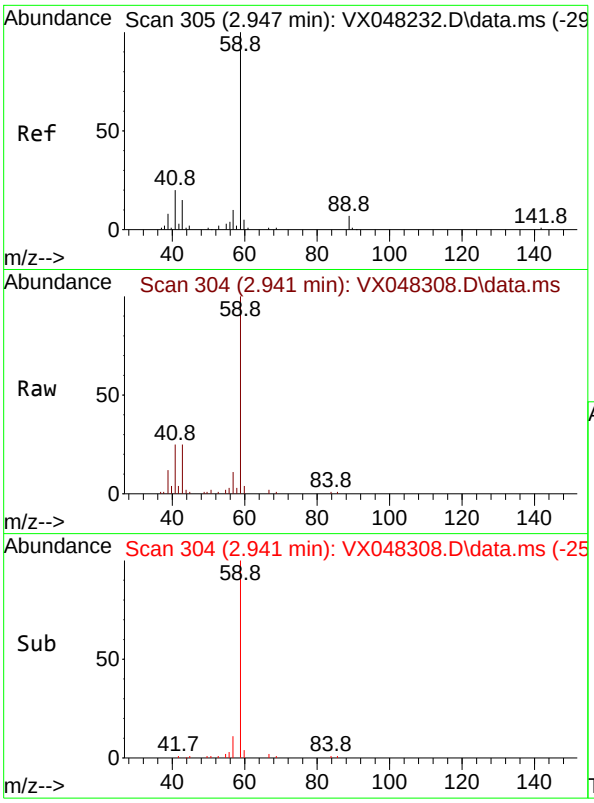




#10
Methyl Iodide
Concen: 80.726 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:142 Resp: 181583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 49.3 | 38.5 | 57.7 |
| 141 | 14.5 | 11.6 | 17.4 |



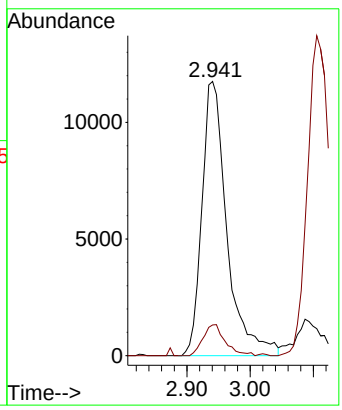


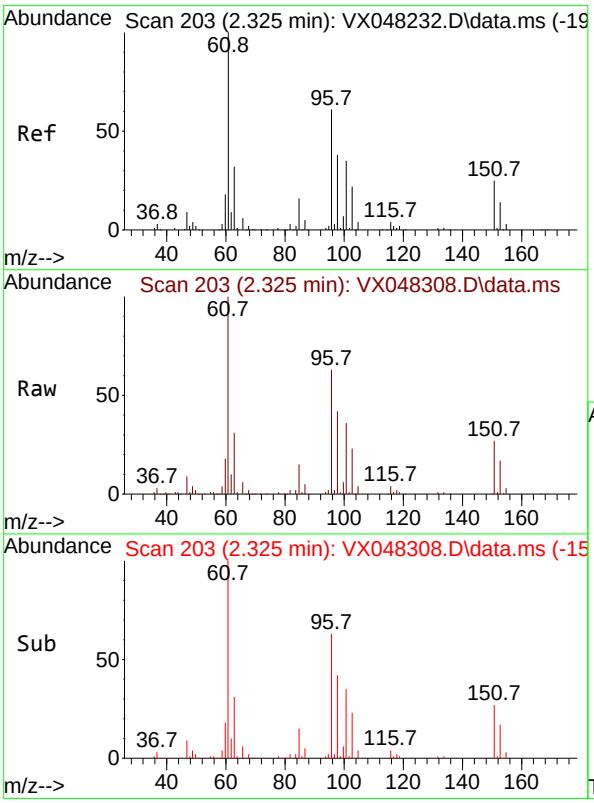

#11
Tert butyl alcohol
Concen: 140.093 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 59 Resp: 32336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.0 | 8.2 | 12.4 |

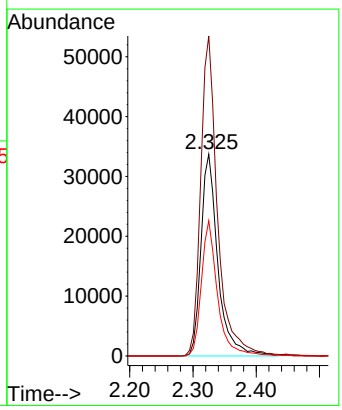


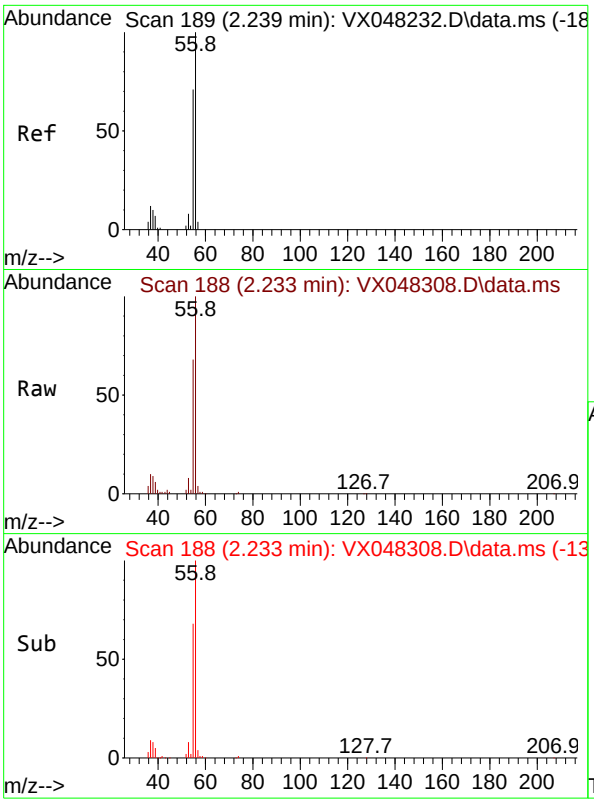




#12
1,1-Dichloroethene
Concen: 36.180 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 96 Resp: 62980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 158.6 | 139.0 | 208.6 |
| 98 | 67.0 | 52.4 | 78.6 |



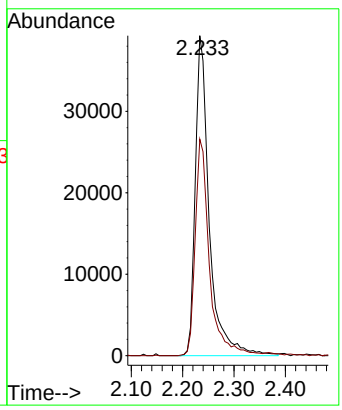


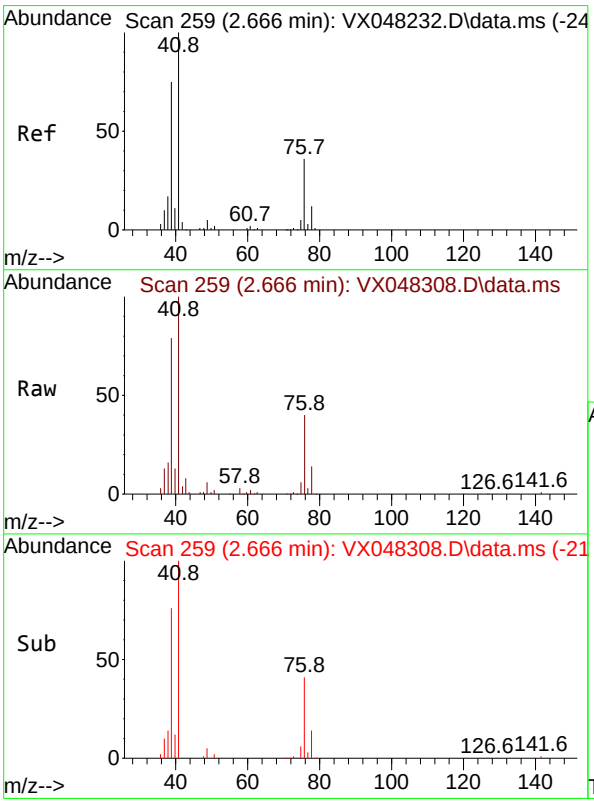

#13
Acrolein
Concen: 315.647 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 74306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 68.9 | 56.1 | 84.1 |

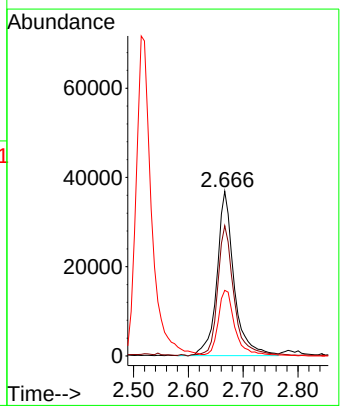


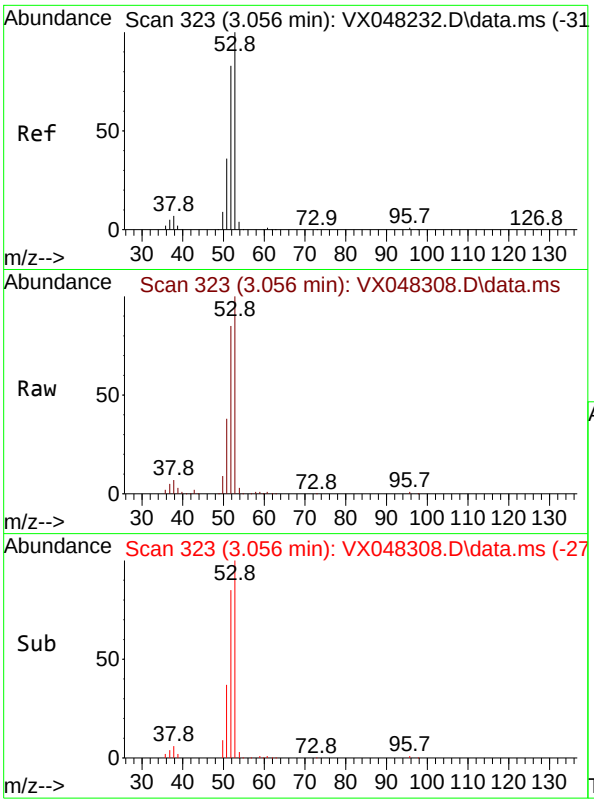




#14
Allyl chloride
Concen: 27.644 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 41 Resp: 79895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 76.8 | 56.0 | 84.0 |
| 76 | 39.9 | 27.5 | 41.3 |



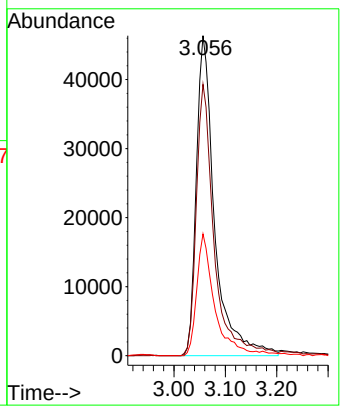


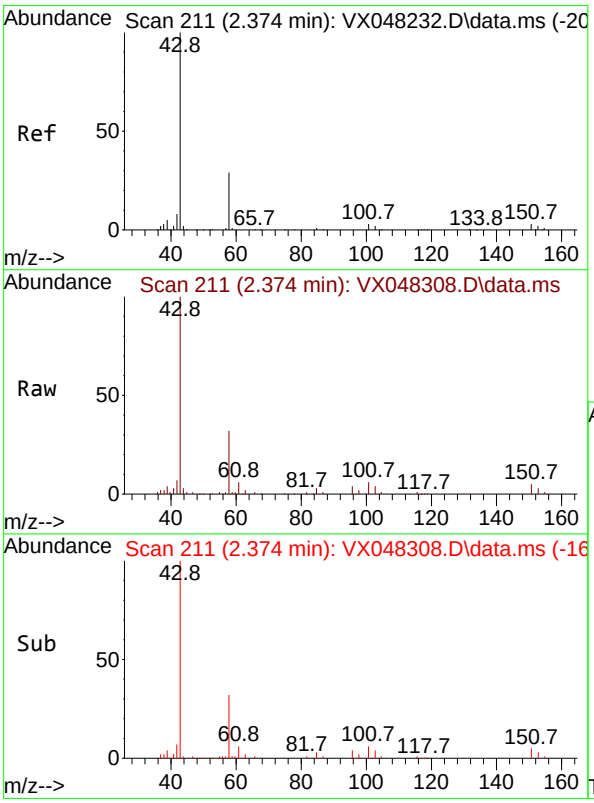

#15
Acrylonitrile
Concen: 138.075 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 53 Resp: 114921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.3 | 66.1 | 99.1 |
| 51 | 36.4 | 29.0 | 43.4 |

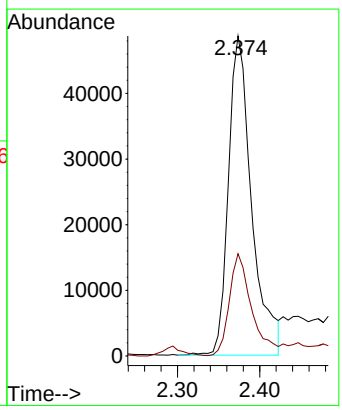


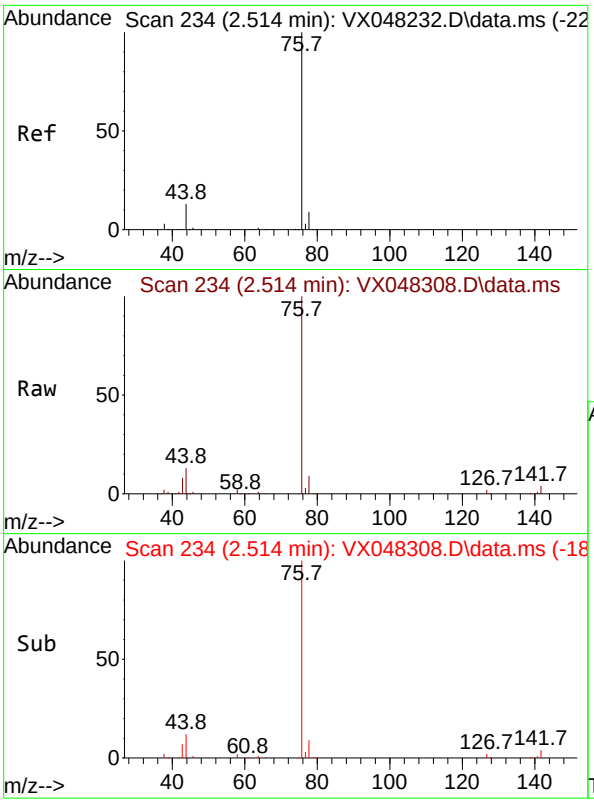




#16
Acetone
Concen: 120.131 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 95807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.3 | 23.4 | 35.2 |



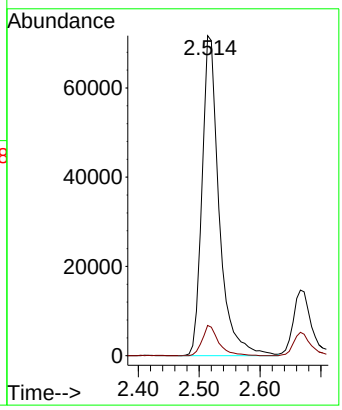


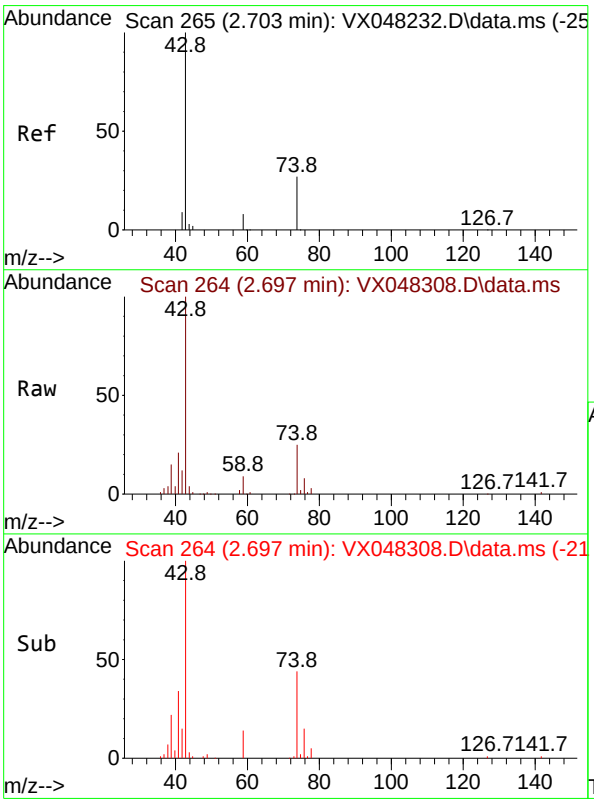

#17
Carbon Disulfide
Concen: 25.495 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 139872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.1 | 10.7 |

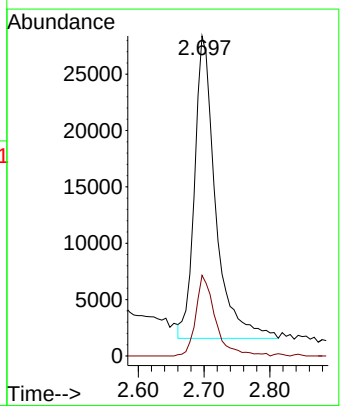


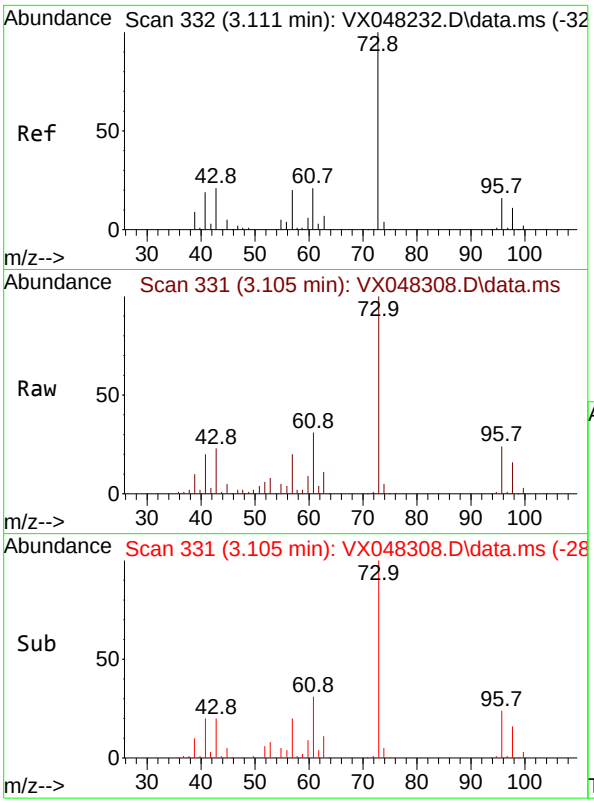




#18
Methyl Acetate
Concen: 35.728 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 59506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.9 | 17.5 | 26.3 |



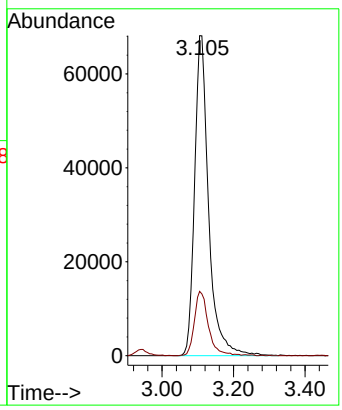


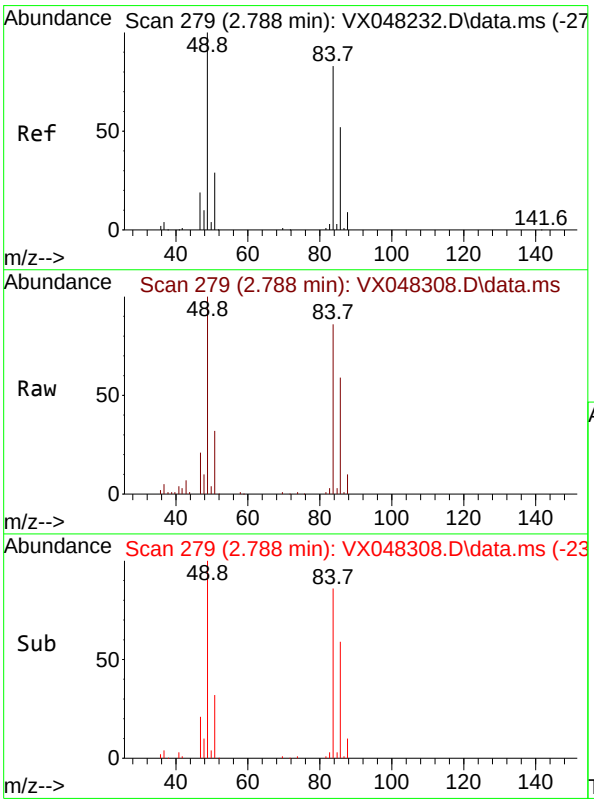

#19
Methyl tert-butyl Ether
Concen: 31.207 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 73 Resp: 185328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.1 | 17.7 | 26.5 |

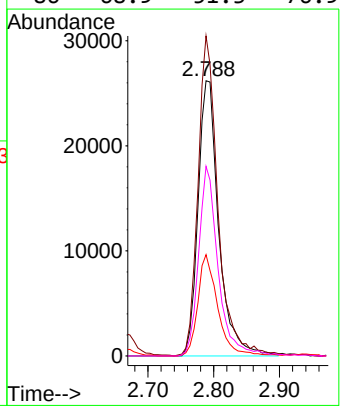


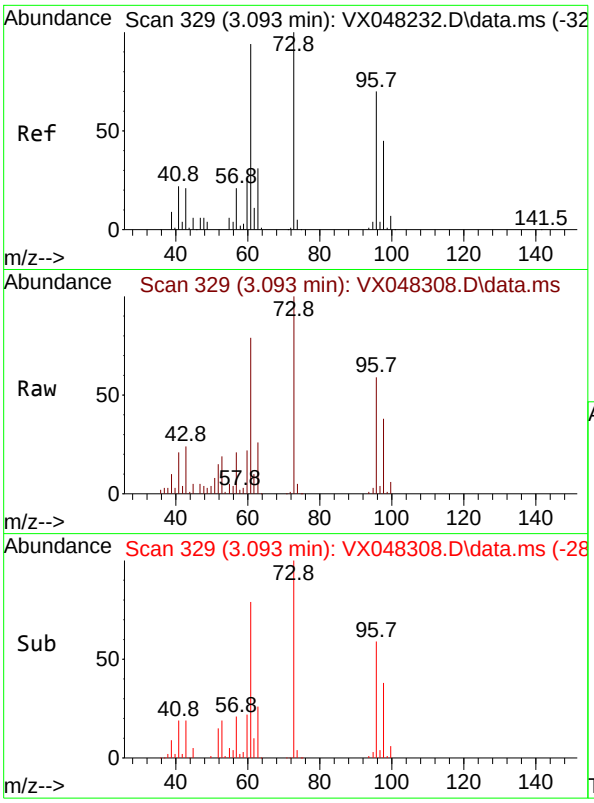




#20
Methylene Chloride
Concen: 29.518 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 84 Resp: 57361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 115.9 | 104.1 | 156.1 |
| 51 | 36.8 | 31.3 | 46.9 |
| 86 | 68.9 | 51.3 | 76.9 |



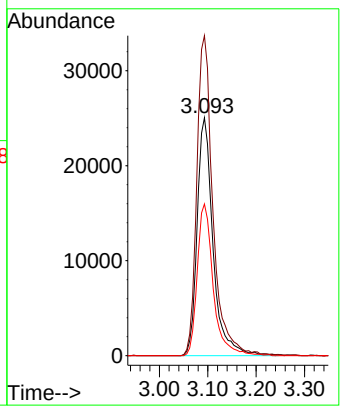


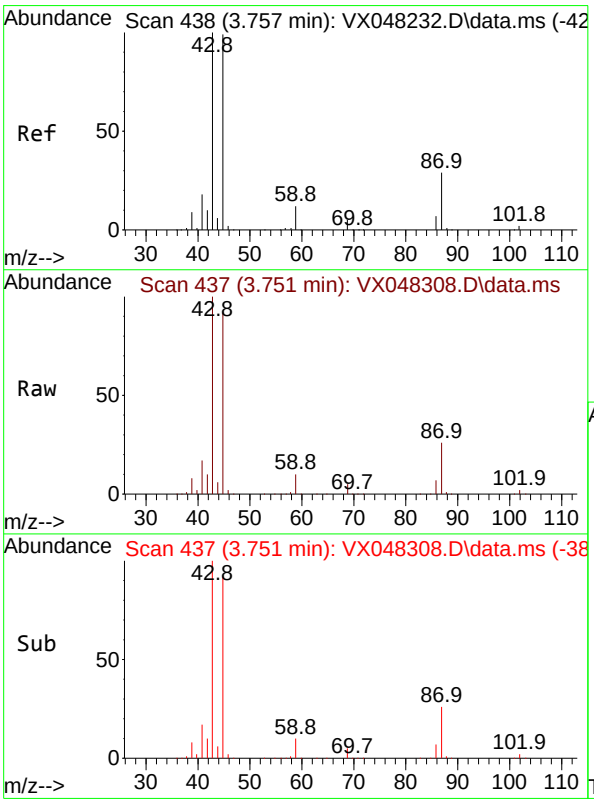

#21
trans-1,2-Dichloroethene
Concen: 29.957 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 57282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.5 | 111.9 | 167.9 |
| 98 | 63.8 | 51.2 | 76.8 |

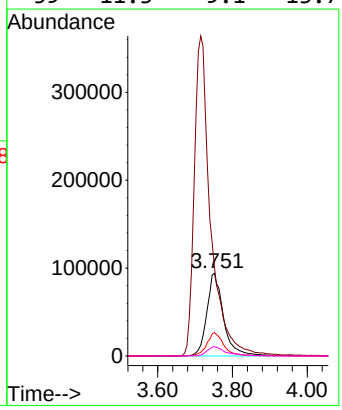


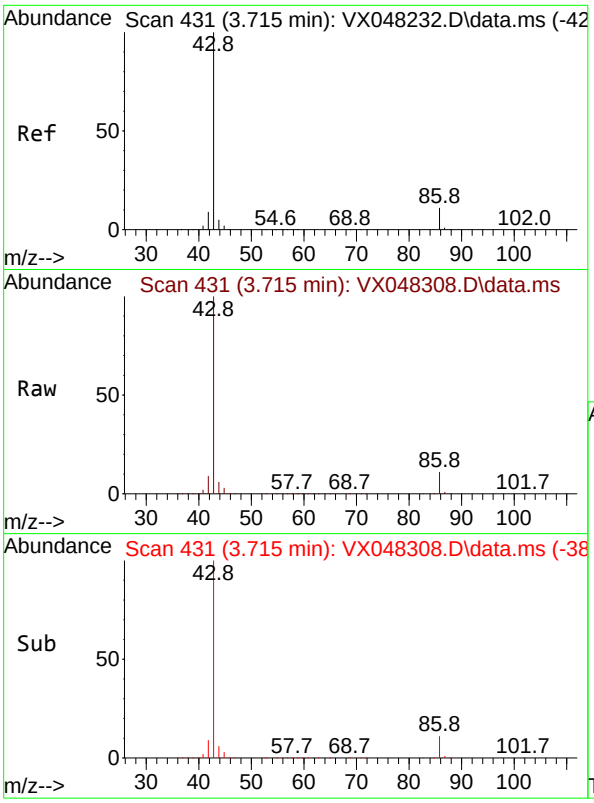




#22
Diisopropyl ether
Concen: 50.635 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 45 Resp: 291884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 108.0 | 89.8 | 134.8 |
| 87 | 28.4 | 20.6 | 31.0 |
| 59 | 11.3 | 9.1 | 13.7 |



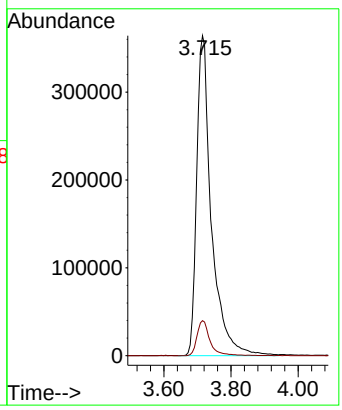


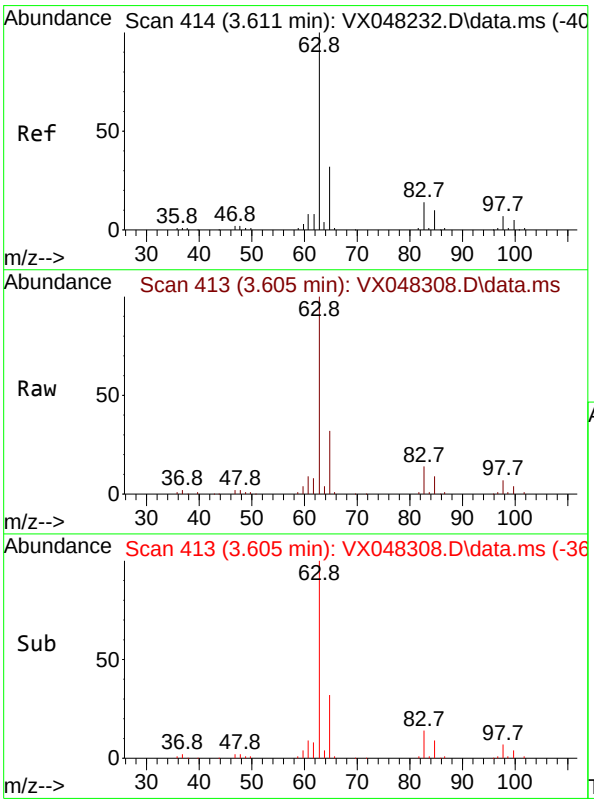

#23
Vinyl Acetate
Concen: 241.211 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 1110692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.0 | 7.9 | 11.9 |

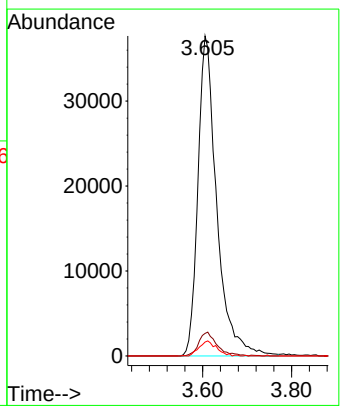


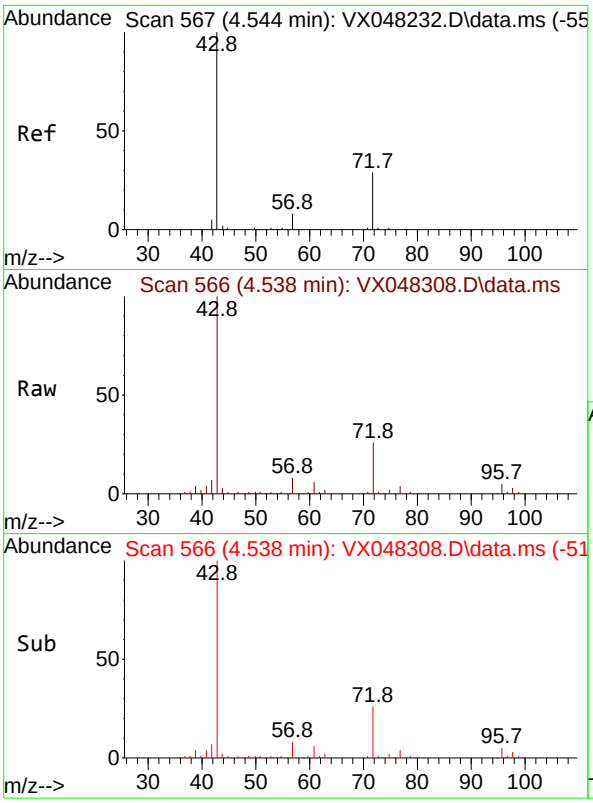




#24
1,1-Dichloroethane
Concen: 31.824 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 63 Resp: 110925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.8 | 3.5 | 10.6 |
| 100 | 4.4 | 2.1 | 6.3 |



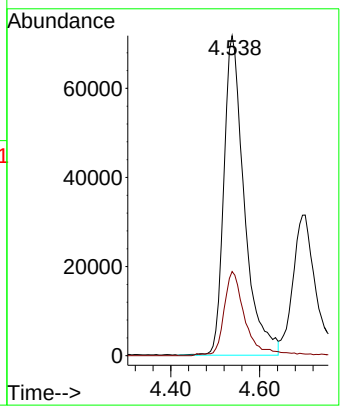


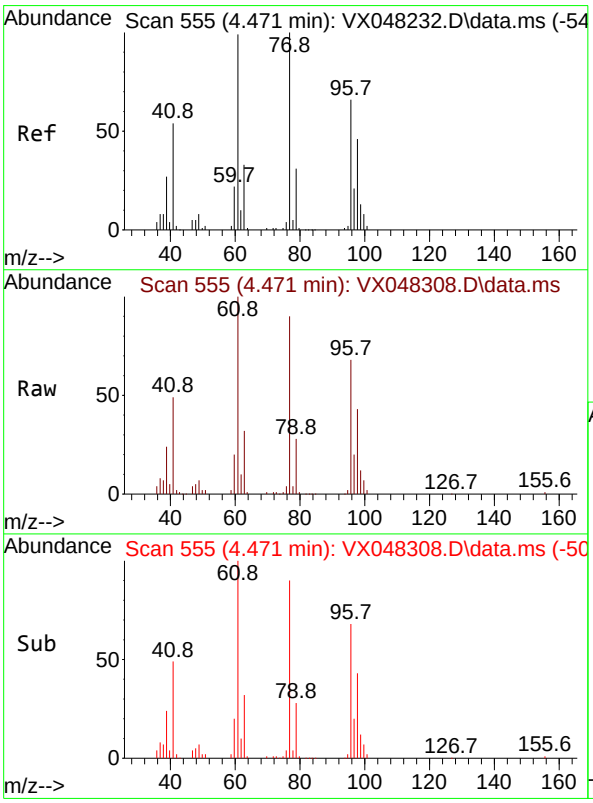

#25
2-Butanone
Concen: 226.319 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 228459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.4 | 19.9 | 29.9 |

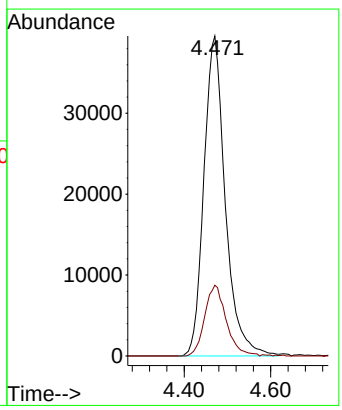


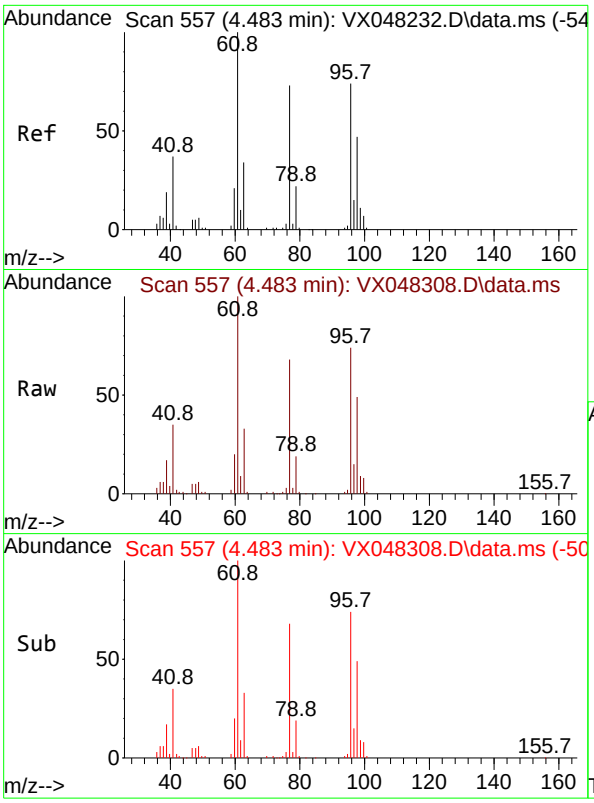




#26
2,2-Dichloropropane
Concen: 43.131 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 77 Resp: 135695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.2 | 11.1 | 33.3 |



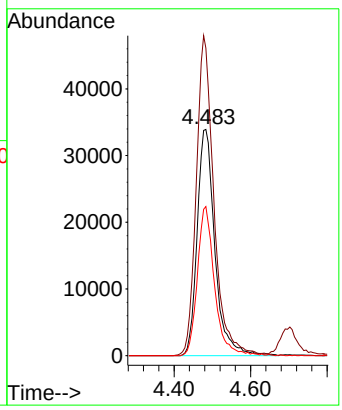


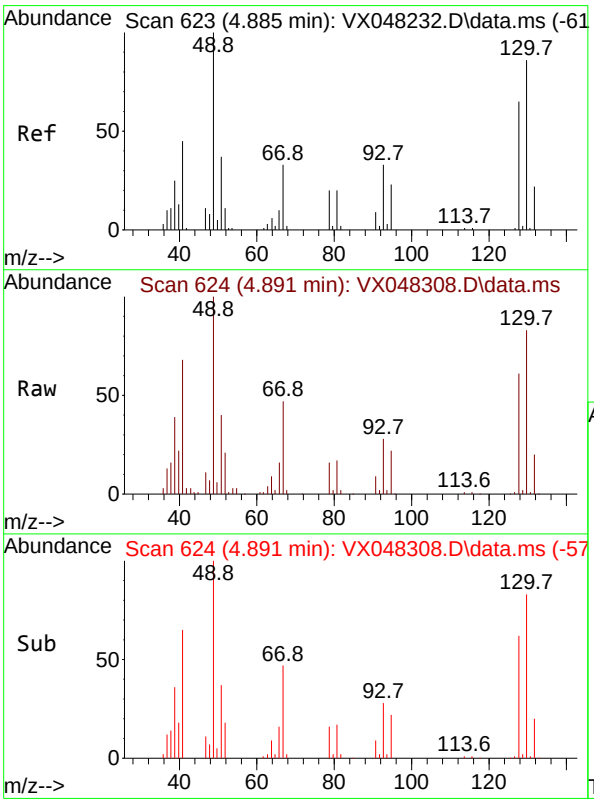

#27
cis-1,2-Dichloroethene
Concen: 49.014 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 109379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.8 | 0.0 | 294.2 |
| 98 | 63.6 | 0.0 | 128.4 |

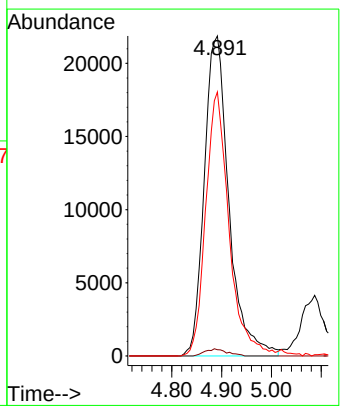


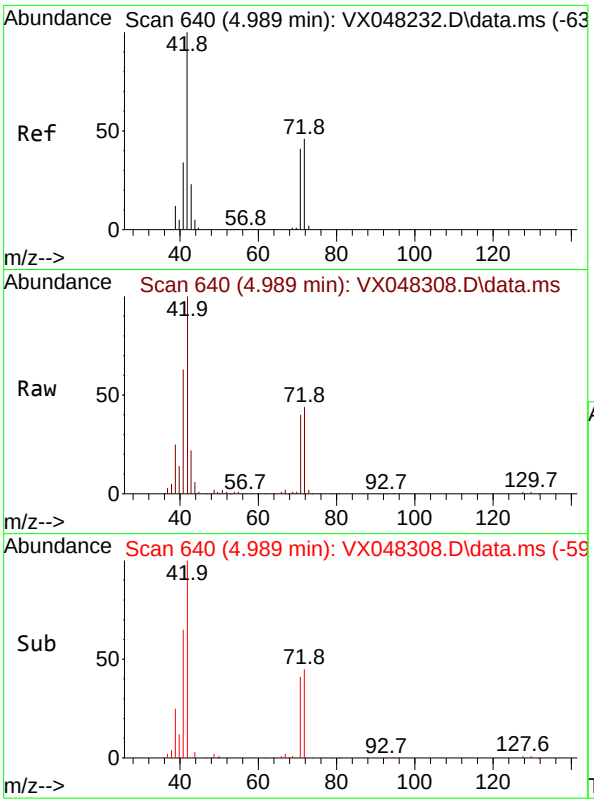




#28
Bromochloromethane
Concen: 51.950 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 49 Resp: 75080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.4 |
| 130 | 77.9 | 59.3 | 88.9 |



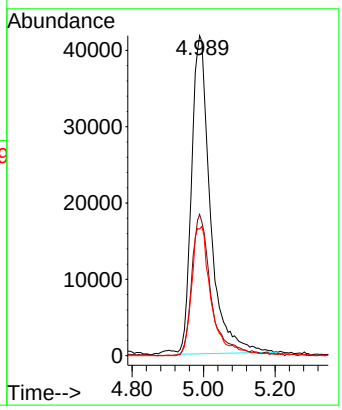


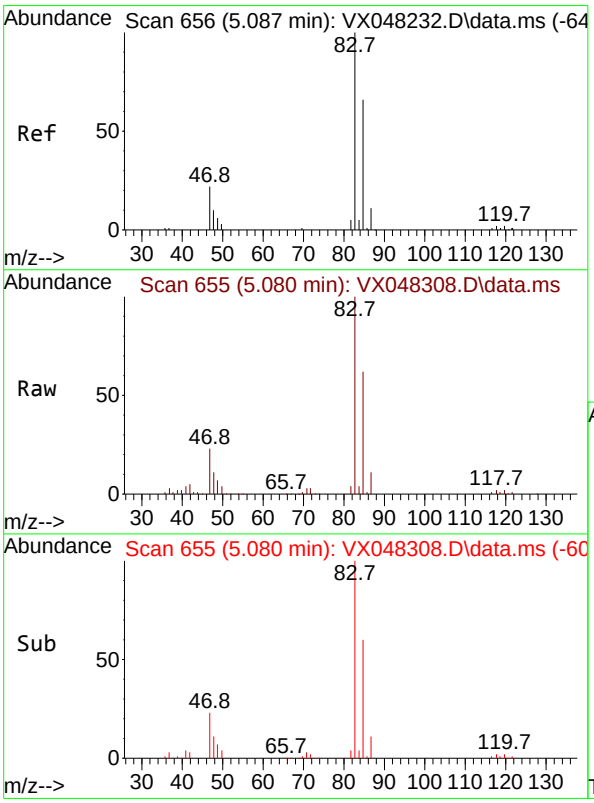

#29
Tetrahydrofuran
Concen: 250.563 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 42 Resp: 151482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.8 | 35.3 | 52.9 |
| 71 | 42.8 | 32.2 | 48.4 |

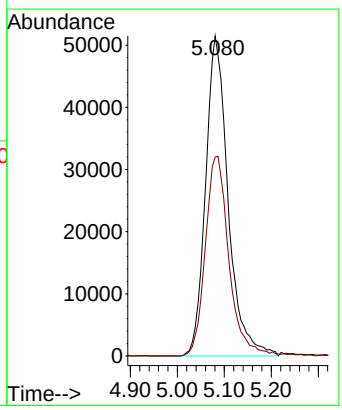


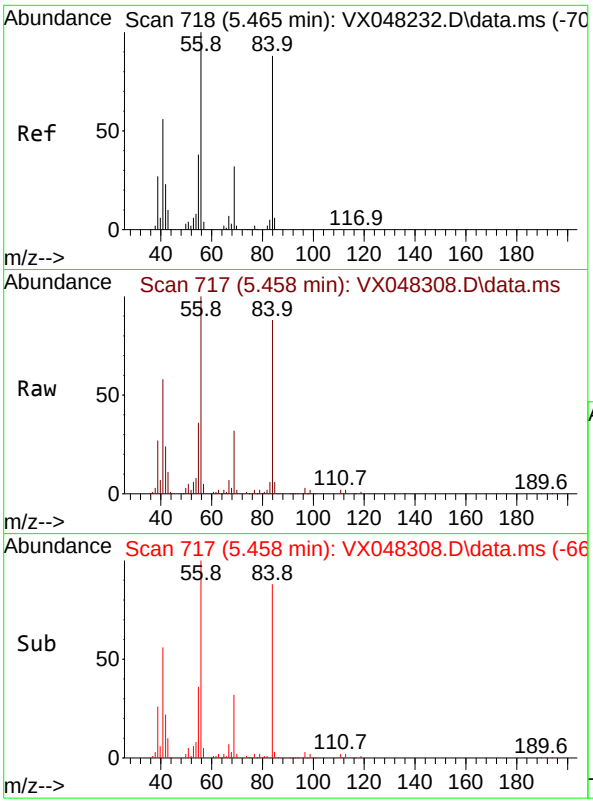




#30
Chloroform
Concen: 45.928 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 83 Resp: 171030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.2 | 50.1 | 75.1 |



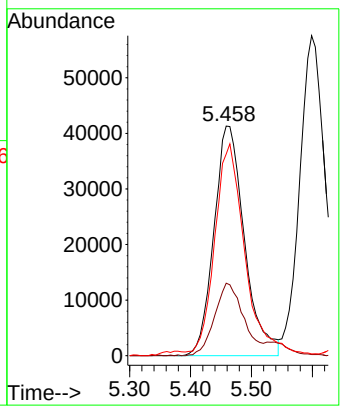


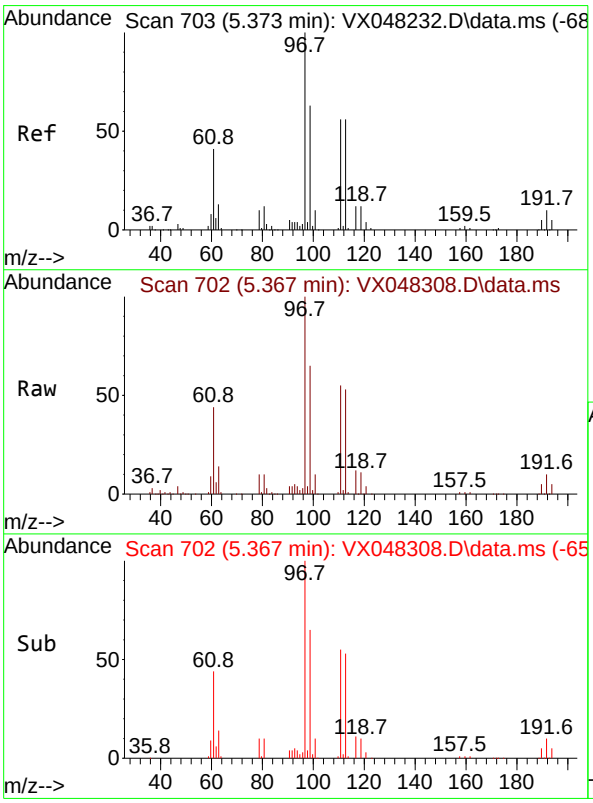

#31
Cyclohexane
Concen: 49.868 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 143903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.2 | 23.0 | 34.6 |
| 84 | 85.7 | 64.6 | 97.0 |

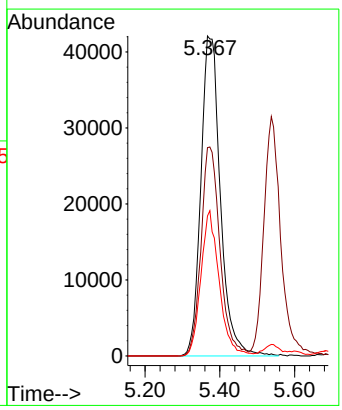


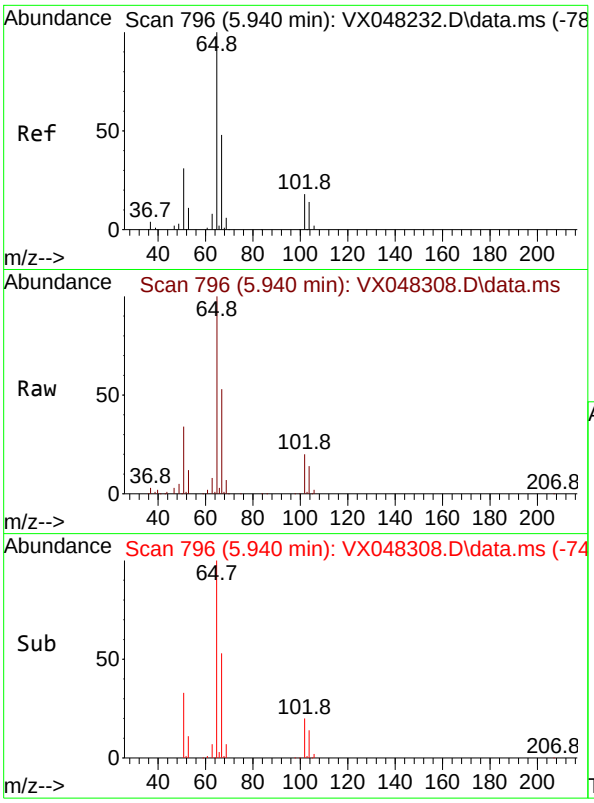




#32
1,1,1-Trichloroethane
Concen: 44.558 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 97 Resp: 152924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.5 | 51.7 | 77.5 |
| 61 | 42.5 | 34.8 | 52.2 |



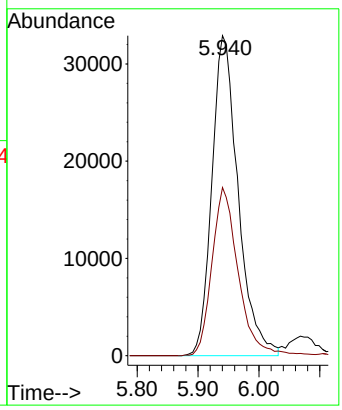


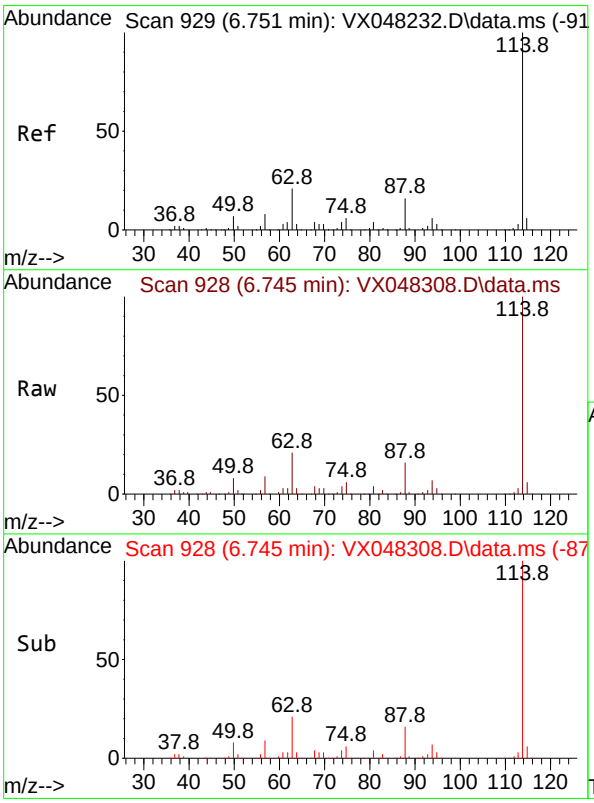

#33
1,2-Dichloroethane-d4
Concen: 42.315 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 65 Resp: 98371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.9 | 0.0 | 105.0 |

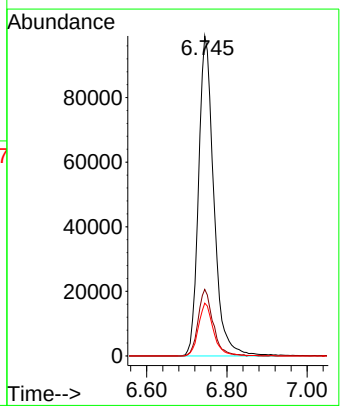


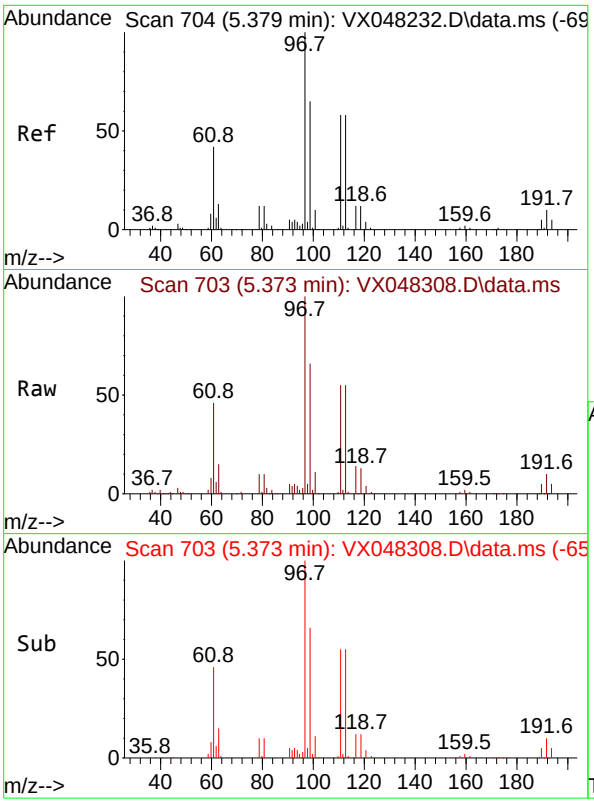




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:114 Resp: 262018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.8 | 0.0 | 43.2 |
| 88 | 16.5 | 0.0 | 33.6 |



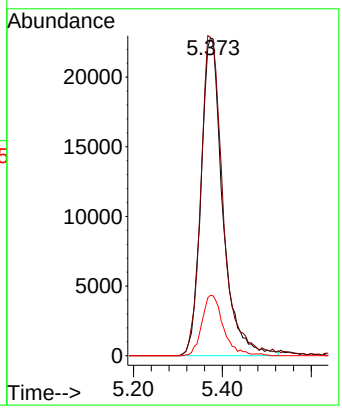


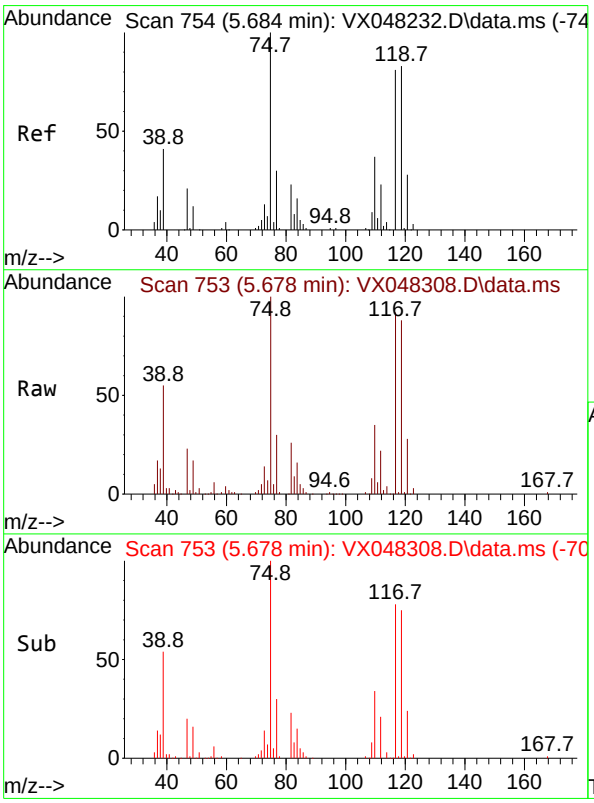

#35
Dibromofluoromethane
Concen: 43.158 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:113 Resp: 77200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.6 | 82.2 | 123.4 |
| 192 | 18.7 | 15.1 | 22.7 |

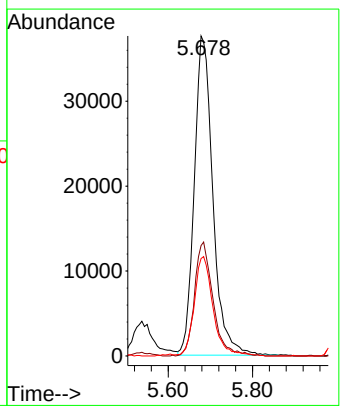


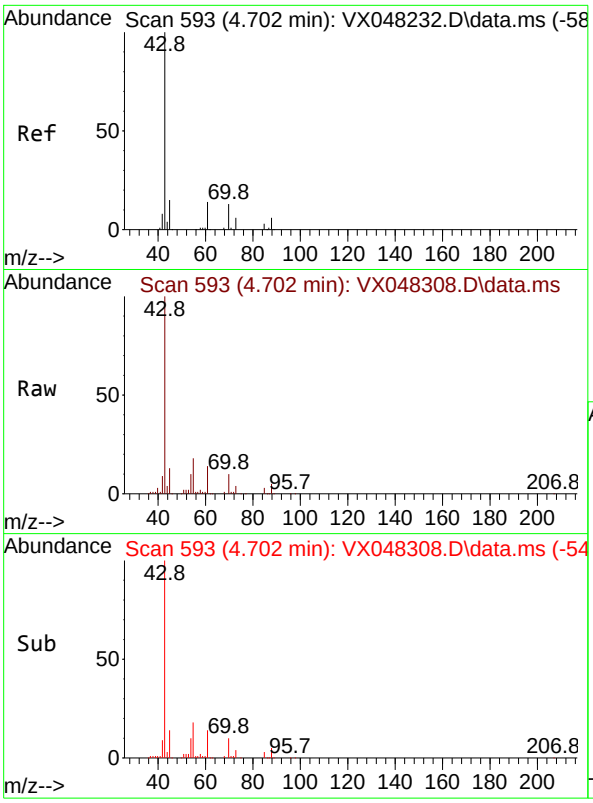




#36
1,1-Dichloropropene
Concen: 45.375 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 115364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.6 | 17.7 | 53.1 |
| 77 | 31.5 | 24.3 | 36.5 |



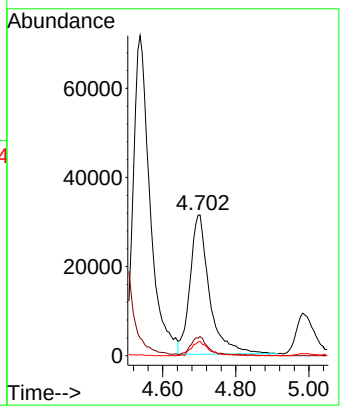


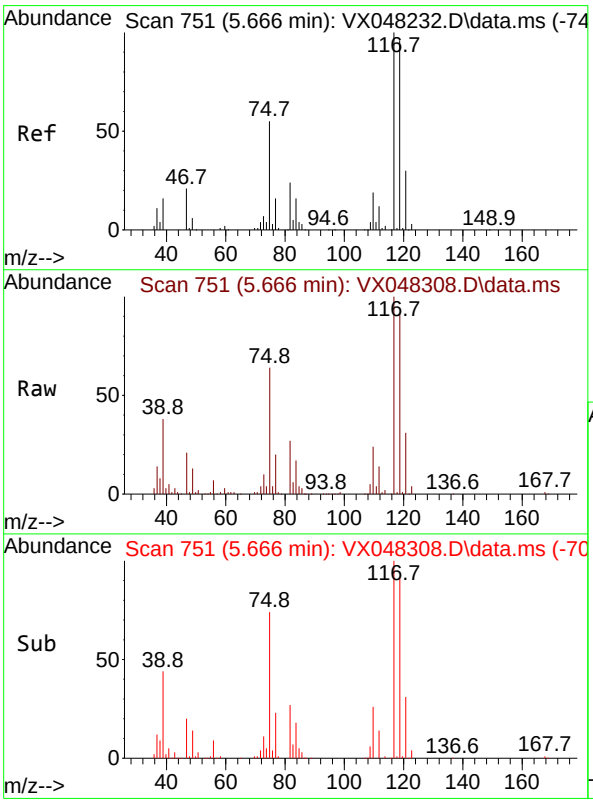

#37
Ethyl Acetate
Concen: 54.827 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 115541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 10.7 | 10.6 | 15.8 |
| 70 | 8.7 | 7.8 | 11.6 |

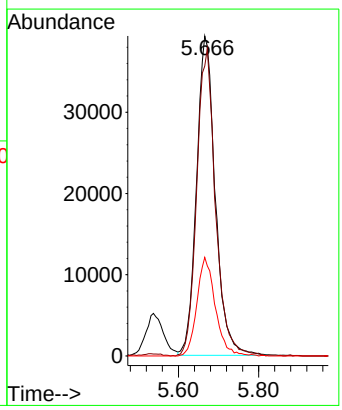


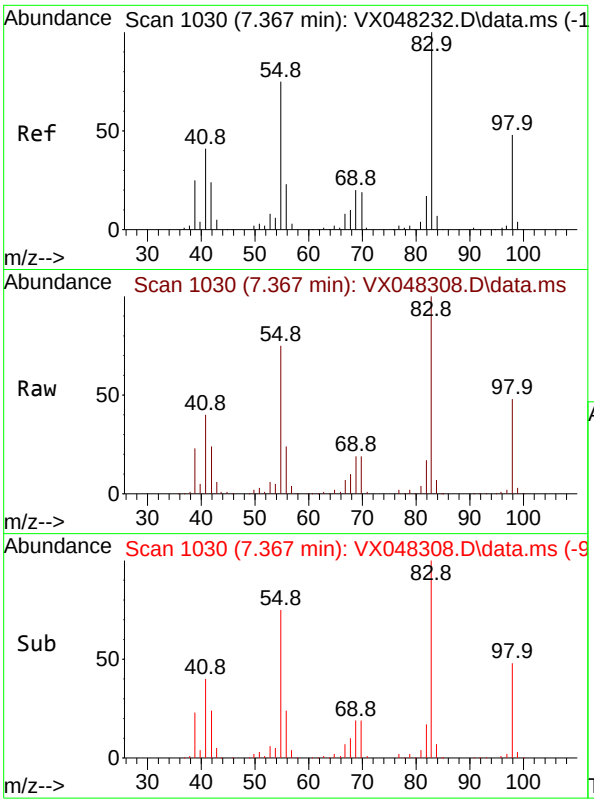




#38
Carbon Tetrachloride
Concen: 40.741 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:117 Resp: 127792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.7 | 77.2 | 115.8 |
| 121 | 30.9 | 24.8 | 37.2 |



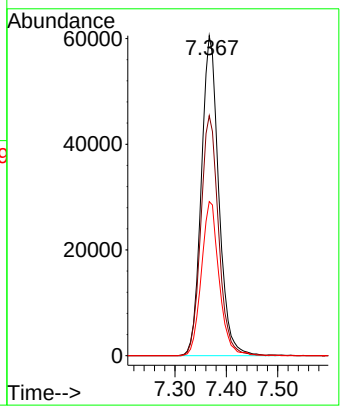


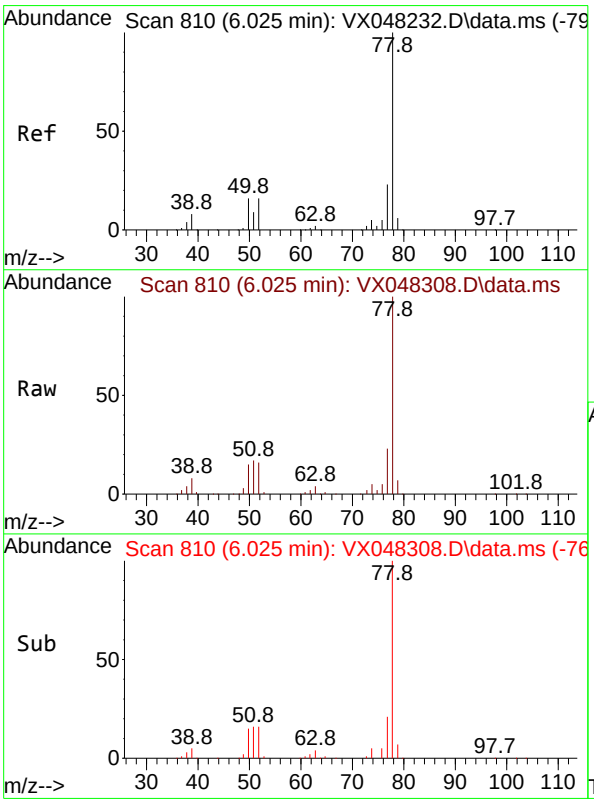

#39
Methylcyclohexane
Concen: 47.470 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 142533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 75.0 | 66.2 | 99.2 |
| 98 | 48.2 | 38.9 | 58.3 |

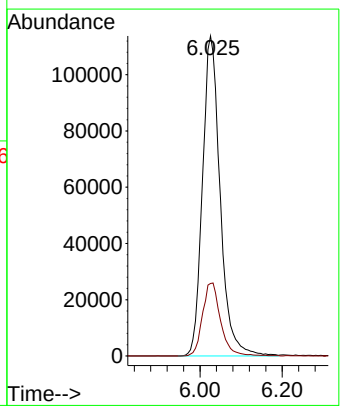


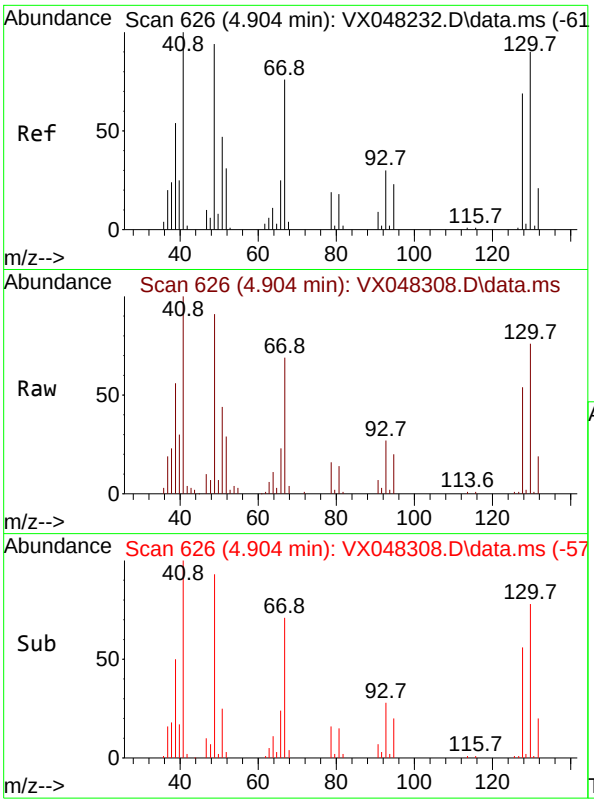




#40
Benzene
Concen: 46.000 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 78 Resp: 339549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.7 | 19.3 | 28.9 |



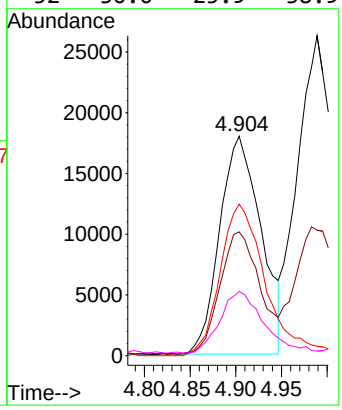


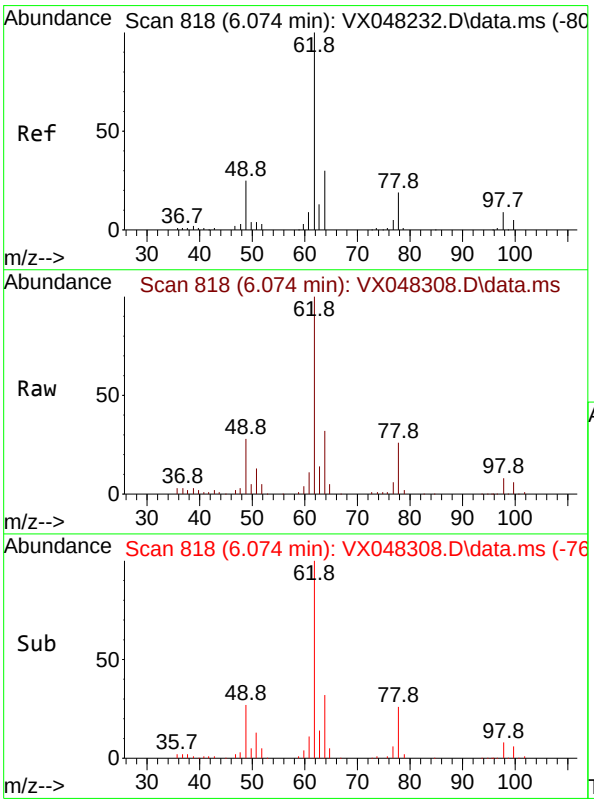

#41
Methacrylonitrile
Concen: 51.006 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 41 Resp: 56448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.7 | 44.0 | 66.0 |
| 67 | 77.8 | 58.7 | 88.1 |
| 52 | 30.0 | 25.9 | 38.9 |

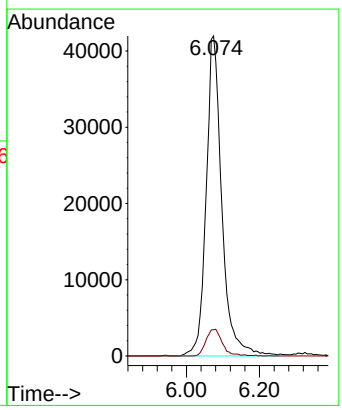


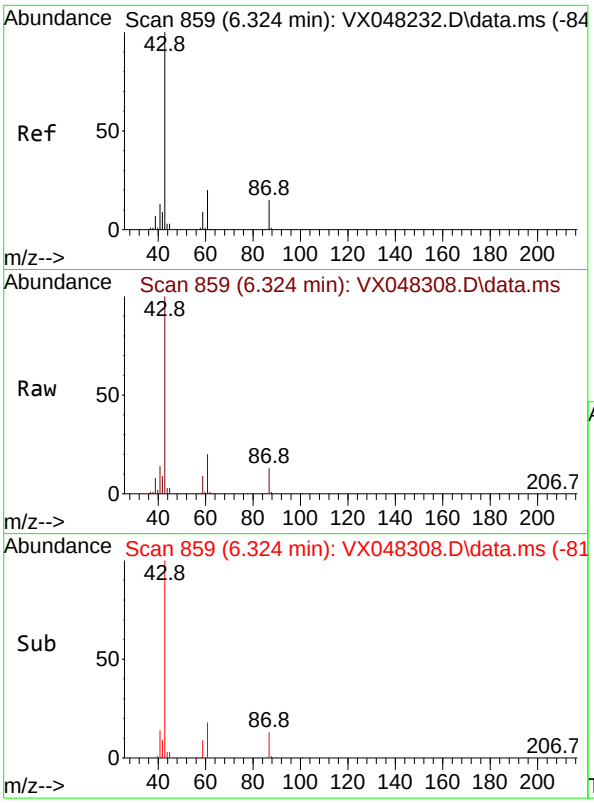




#42
1,2-Dichloroethane
Concen: 45.697 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 62 Resp: 124472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.7 | 0.0 | 17.2 |



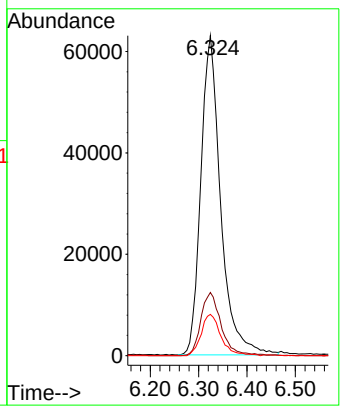


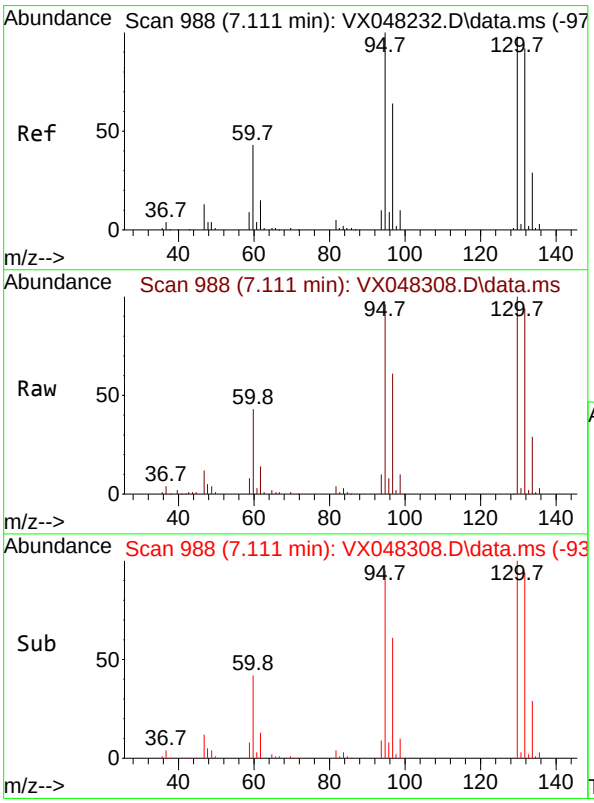

#43
Isopropyl Acetate
Concen: 51.932 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 179767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.2 | 14.9 | 22.3 |
| 87 | 12.9 | 9.4 | 14.2 |

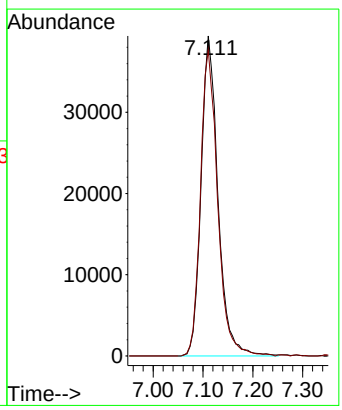


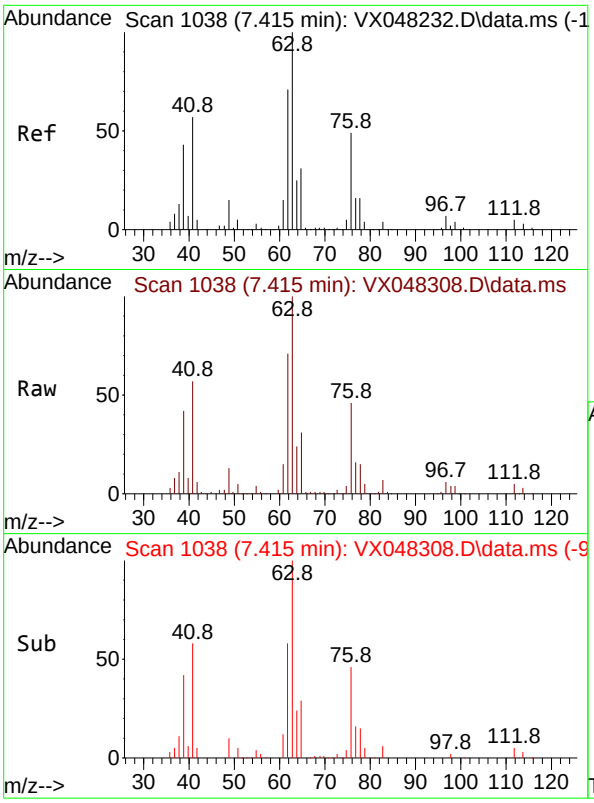




#44
Trichloroethene
Concen: 47.655 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:130 Resp: 92885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.6 | 0.0 | 200.6 |



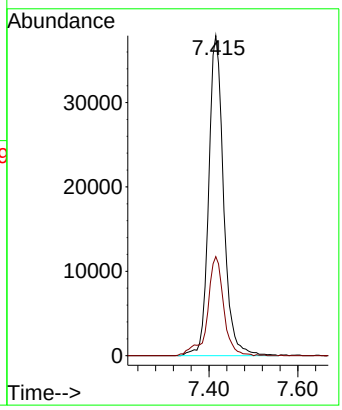


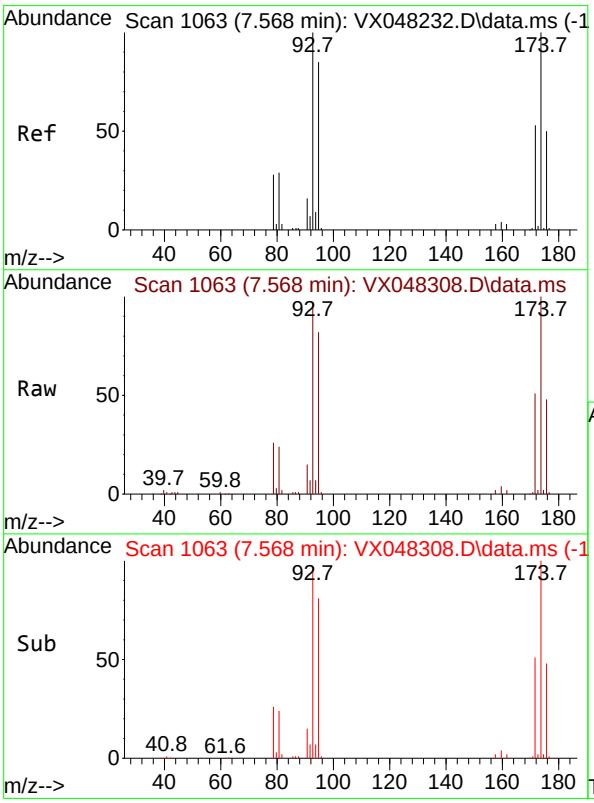

#45
1,2-Dichloropropane
Concen: 50.369 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 63 Resp: 88398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.9 | 24.1 | 36.1 |

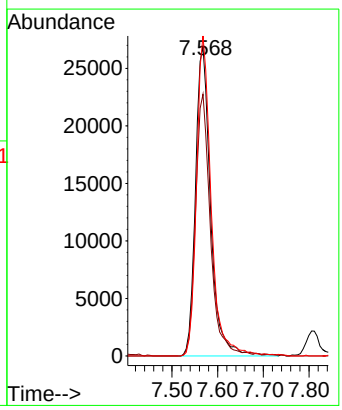


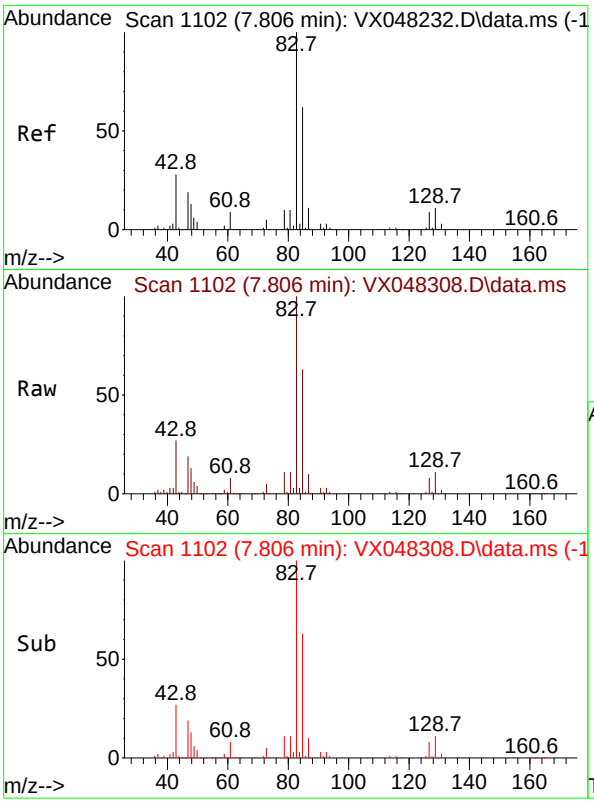




#46
Dibromomethane
Concen: 45.095 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 93 Resp: 61658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.0 | 65.9 | 98.9 |
| 174 | 99.8 | 71.7 | 107.5 |



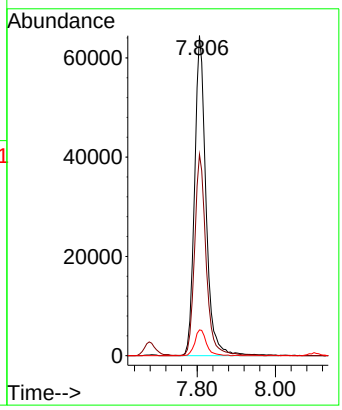


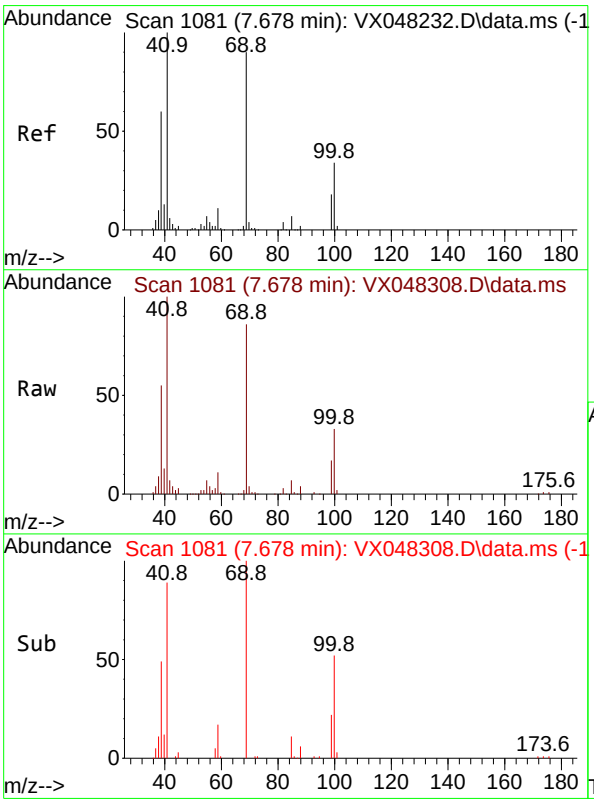

#47
Bromodichloromethane
Concen: 44.420 ug/l
RT: 7.806 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 131135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 52.2 | 78.4 |
| 127 | 8.1 | 7.3 | 10.9 |

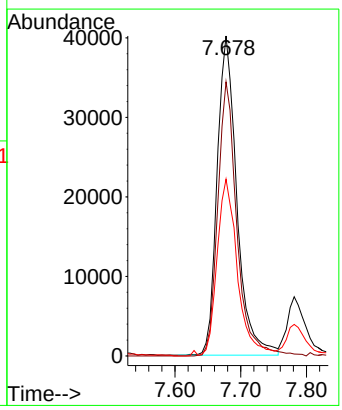


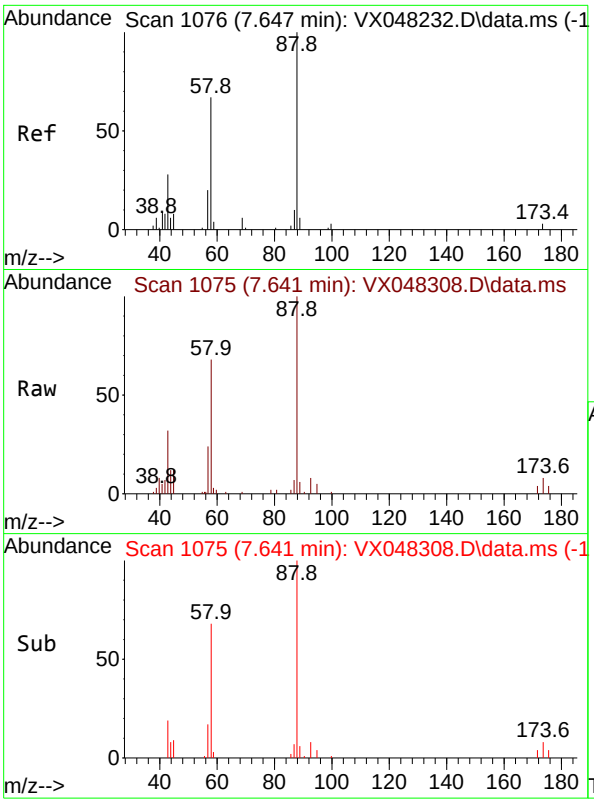




#48
Methyl methacrylate
Concen: 48.050 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 41 Resp: 83930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 83.1 | 63.4 | 95.0 |
| 39 | 56.3 | 47.1 | 70.7 |



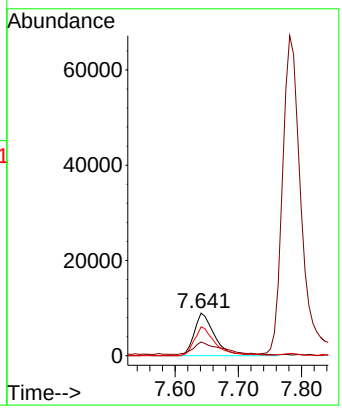


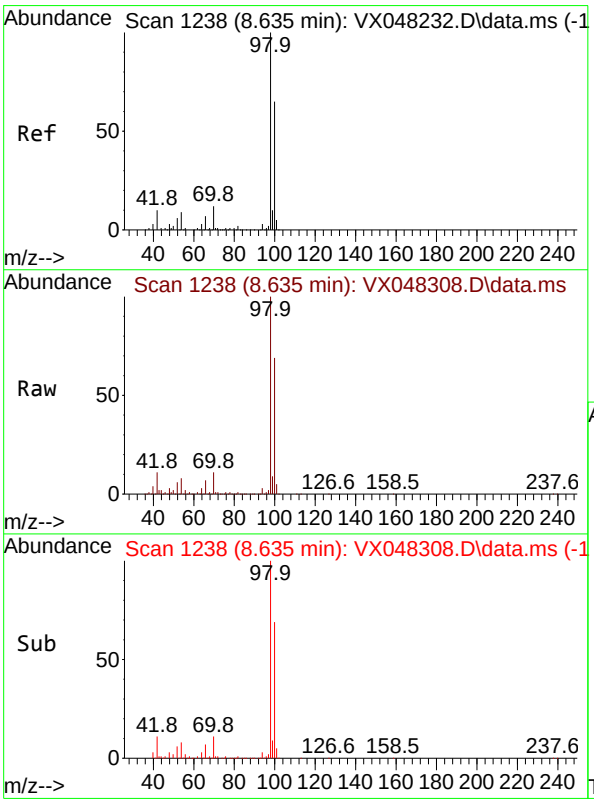

#49
1,4-Dioxane
Concen: 879.716 ug/l
RT: 7.641 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 88 Resp: 20301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.9 | 35.0 | 52.4 |
| 58 | 69.5 | 61.9 | 92.9 |

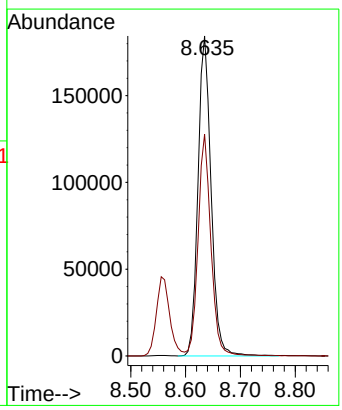


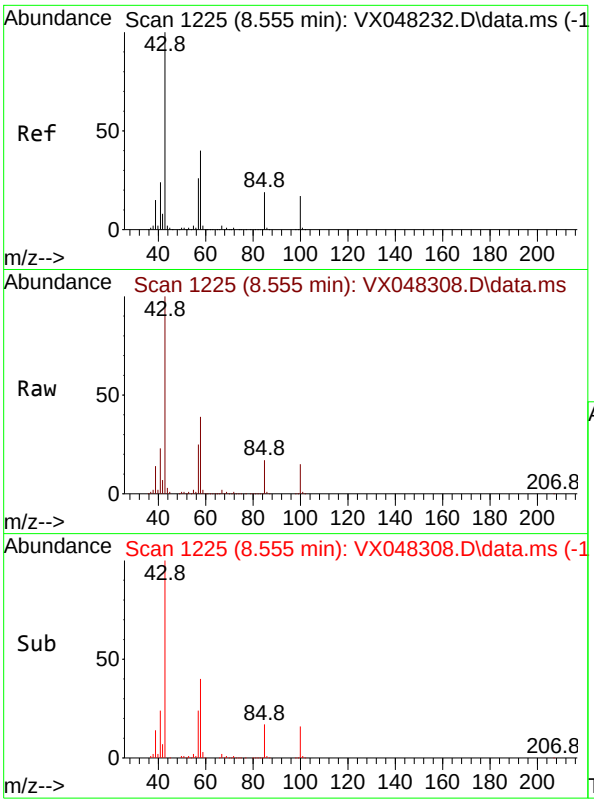




#50
Toluene-d8
Concen: 48.945 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 98 Resp: 306881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.6 | 53.0 | 79.4 |



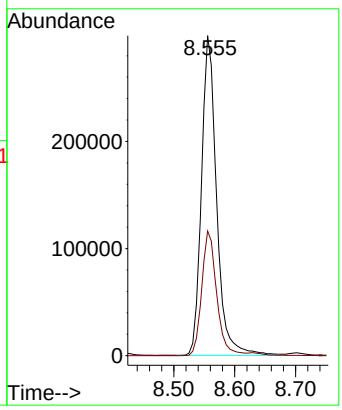


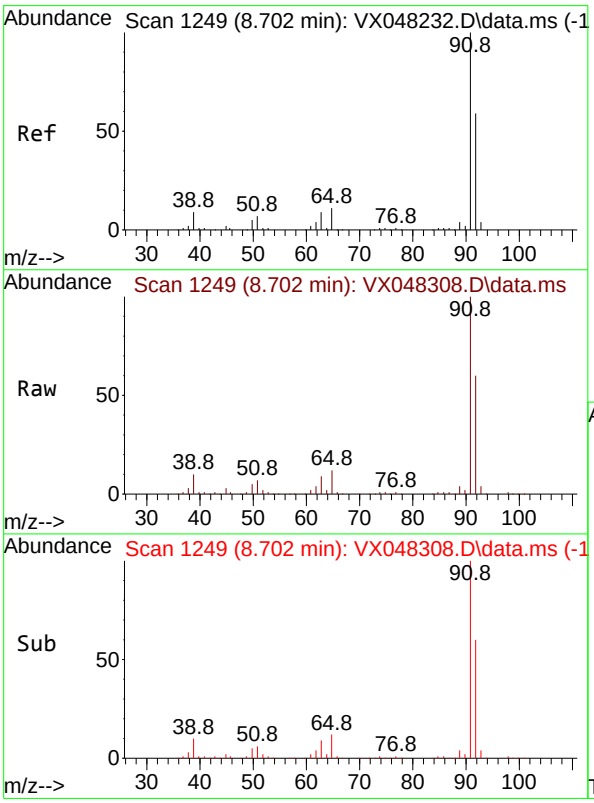

#51
4-Methyl-2-Pentanone
Concen: 259.006 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 516932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.5 | 29.5 | 44.3 |

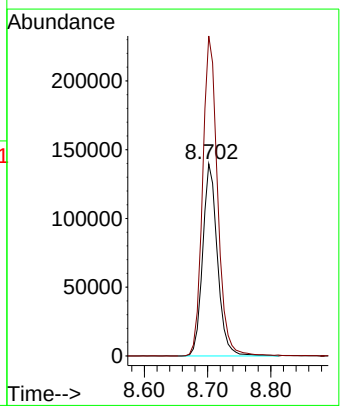


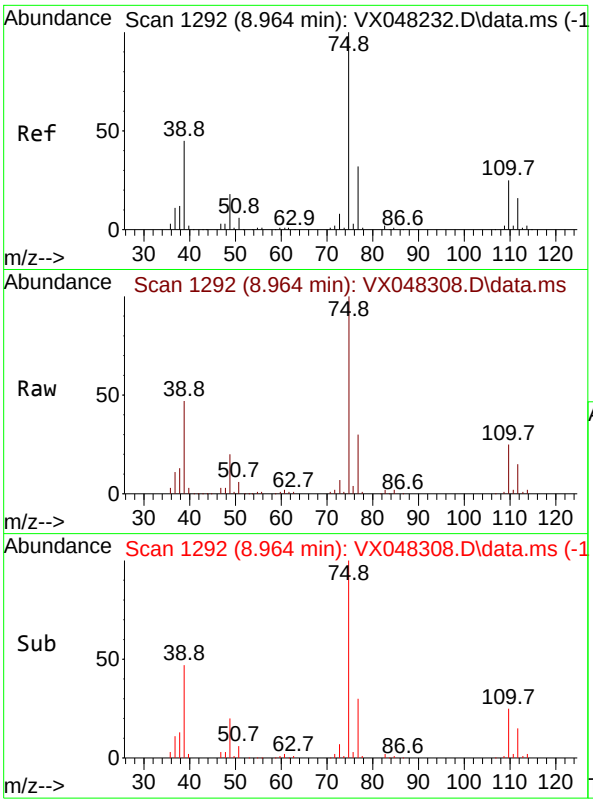




#52
Toluene
Concen: 48.329 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 92 Resp: 226635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.3 | 136.1 | 204.1 |



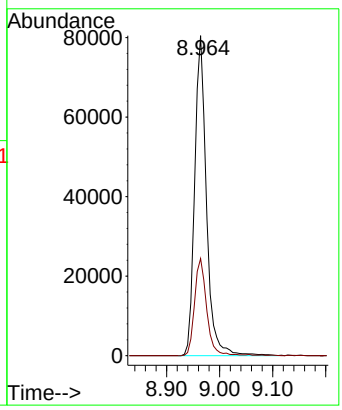


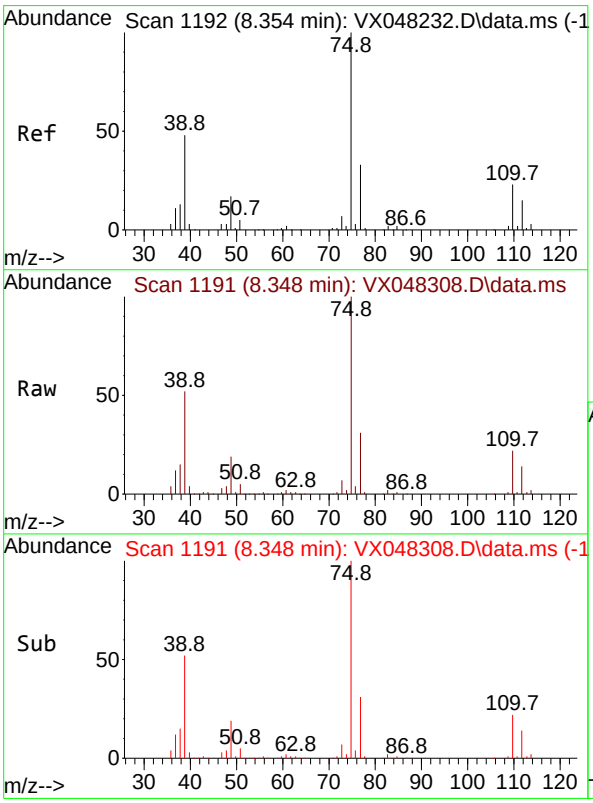

#53
t-1,3-Dichloropropene
Concen: 43.501 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 123757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.4 | 25.0 | 37.6 |

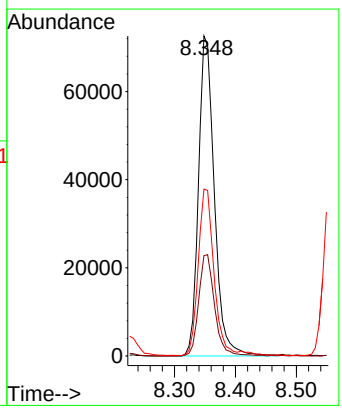


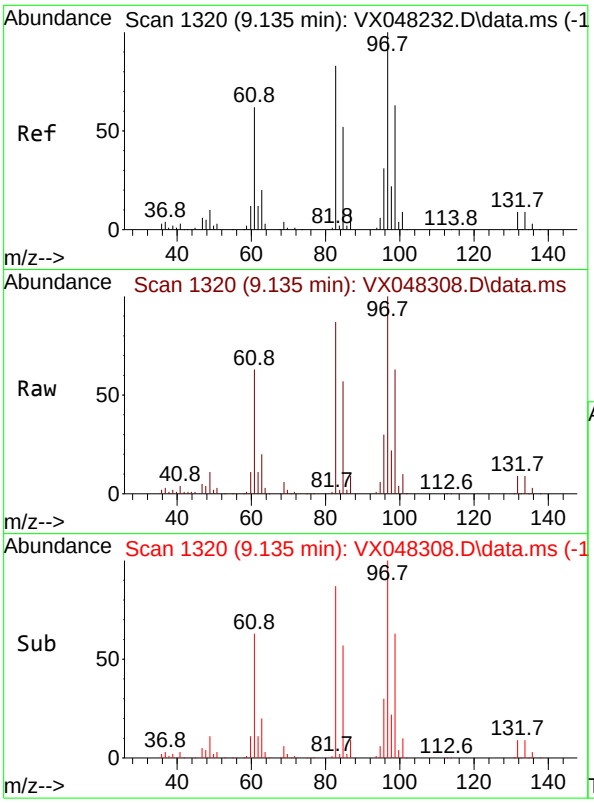




#54
cis-1,3-Dichloropropene
Concen: 42.840 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 131492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 24.9 | 37.3 |
| 39 | 51.9 | 42.6 | 64.0 |



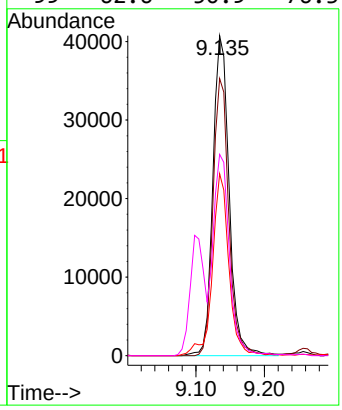


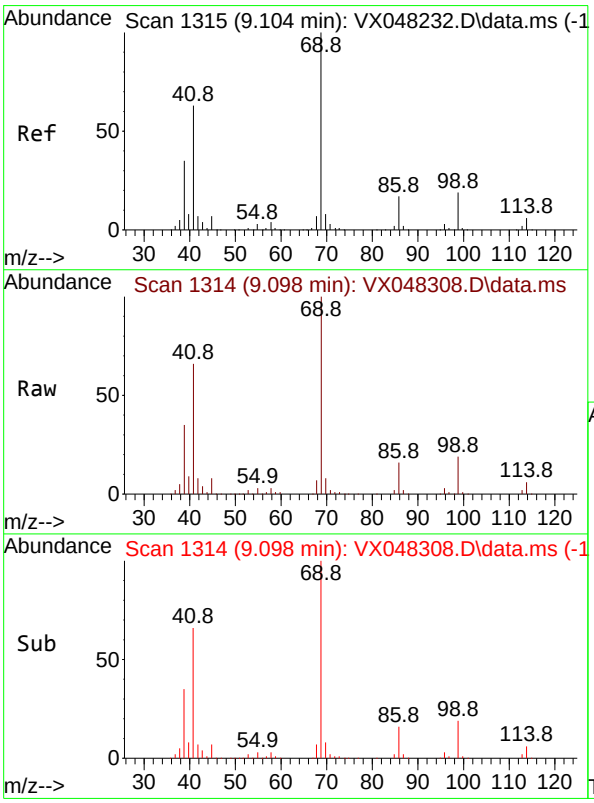

#55
1,1,2-Trichloroethane
Concen: 38.524 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 97 Resp: 67181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.6 | 70.6 | 105.8 |
| 85 | 56.9 | 45.0 | 67.6 |
| 99 | 62.6 | 50.9 | 76.3 |

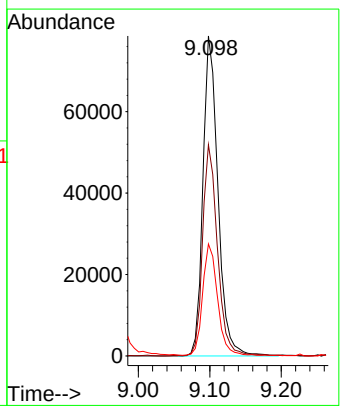


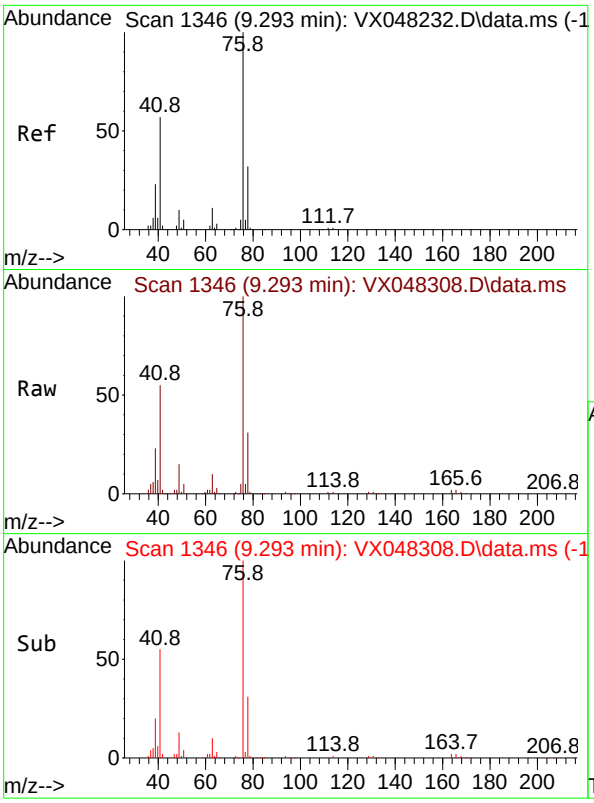




#56
Ethyl methacrylate
Concen: 44.971 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 69 Resp: 114708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.4 | 56.0 | 84.0 |
| 39 | 34.8 | 31.6 | 47.4 |



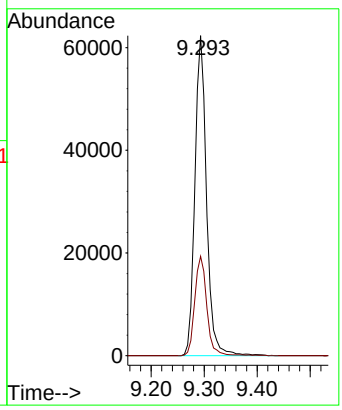


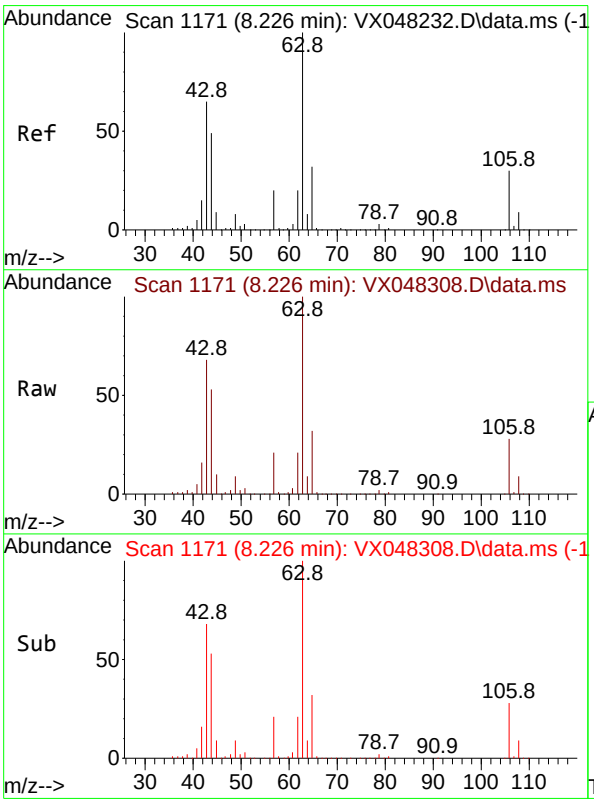

#57
1,3-Dichloropropane
Concen: 31.867 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 94925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 25.4 | 38.0 |

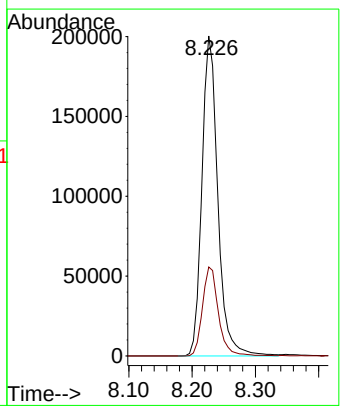


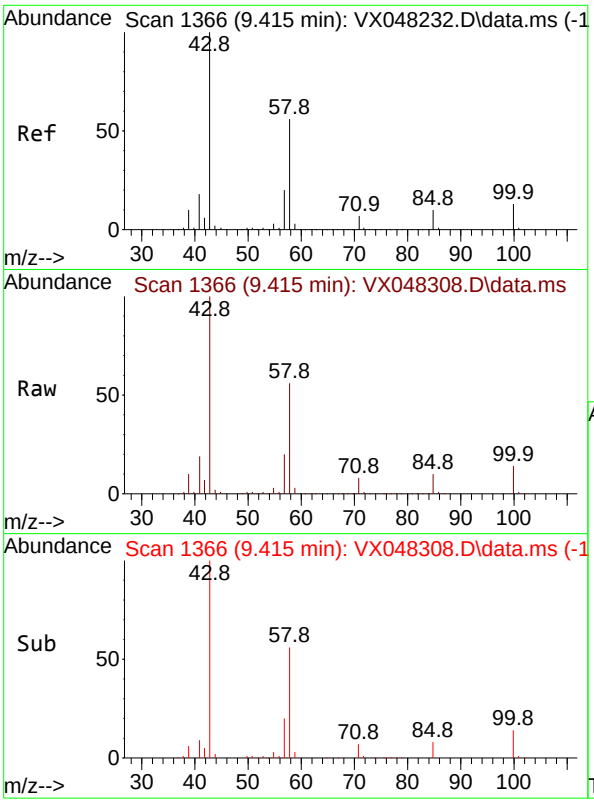




#58
2-Chloroethyl Vinyl ether
Concen: 255.410 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 63 Resp: 350352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.1 | 22.2 | 33.2 |



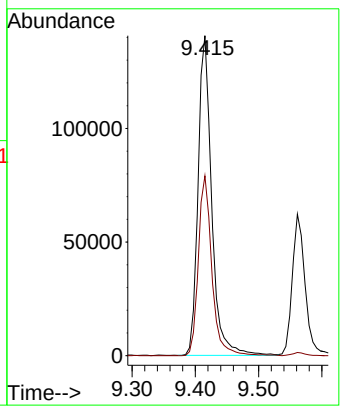


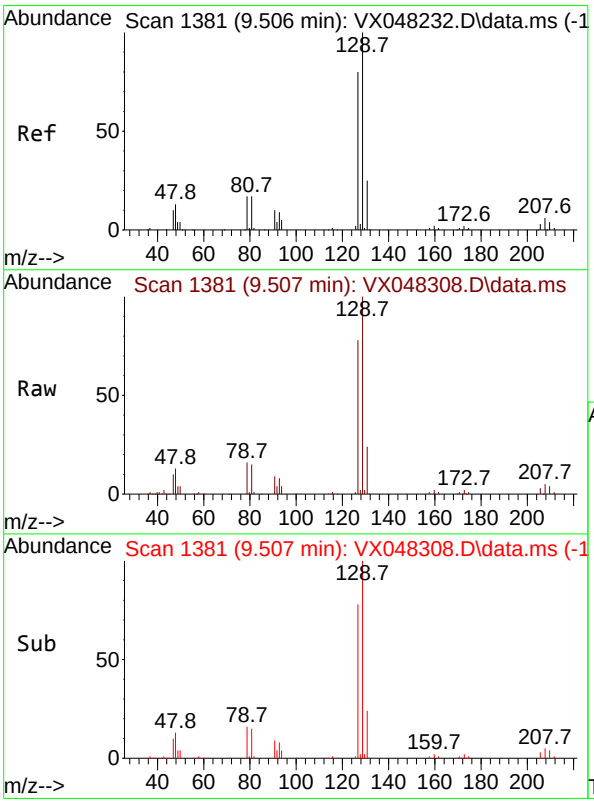

#59
2-Hexanone
Concen: 151.826 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 211292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.0 | 26.3 | 78.8 |

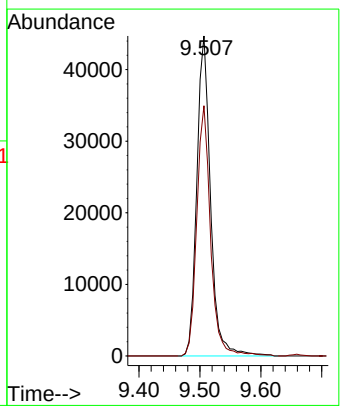


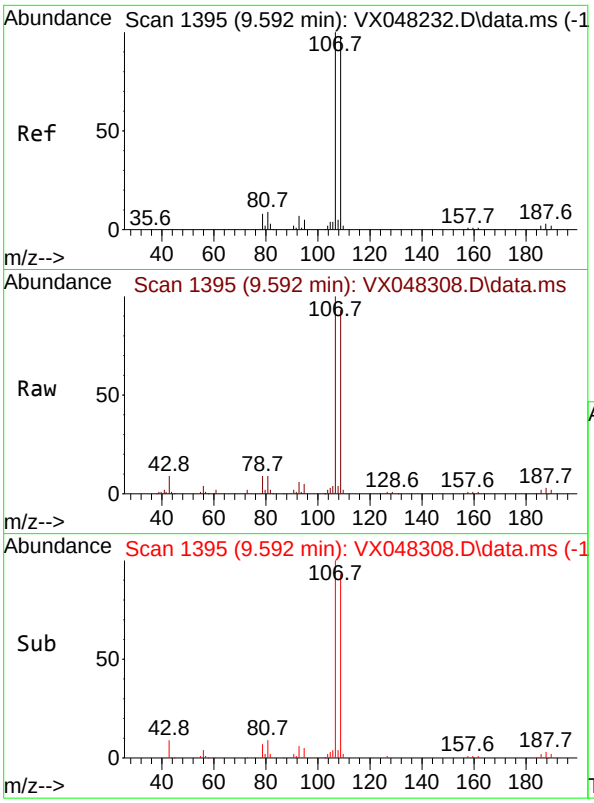




#60
Dibromochloromethane
Concen: 29.838 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:129 Resp: 69937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.7 | 38.6 | 115.7 |



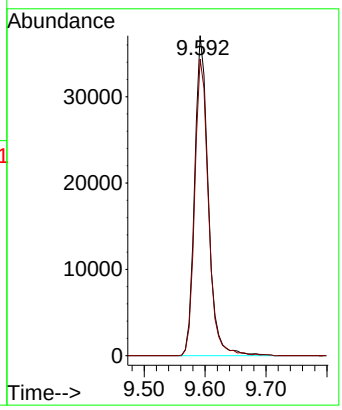


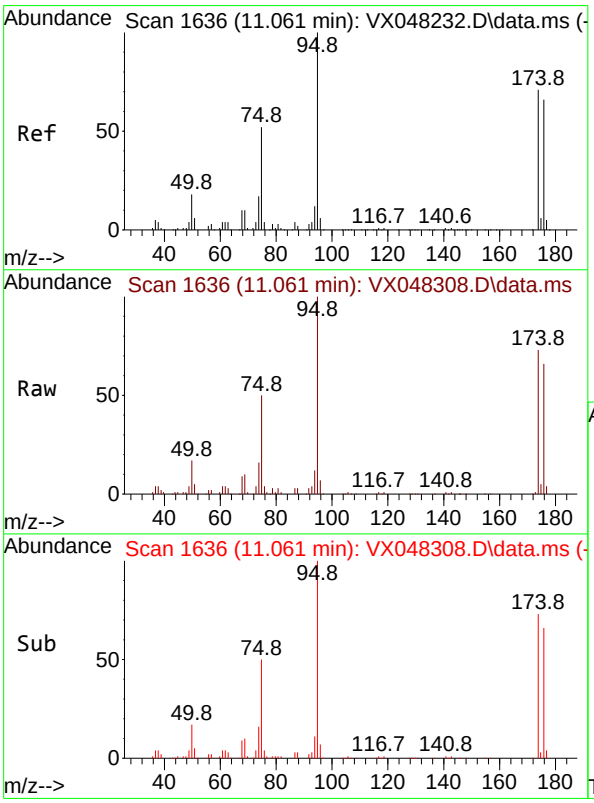

#61
1,2-Dibromoethane
Concen: 31.036 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:107 Resp: 57700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.2 | 77.0 | 115.4 |

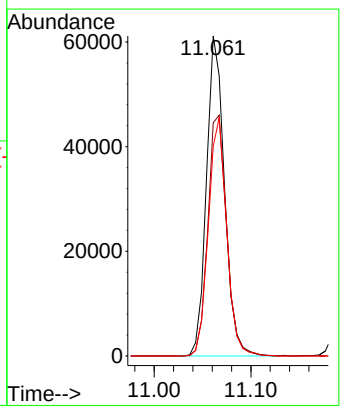


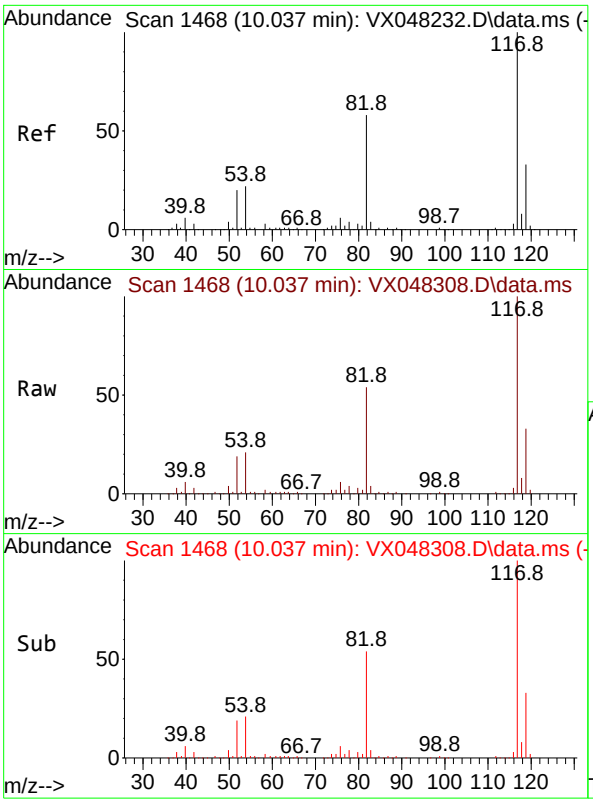




#62
4-Bromofluorobenzene
Concen: 33.314 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 95 Resp: 79463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.2 | 0.0 | 147.8 |
| 176 | 75.5 | 0.0 | 142.8 |



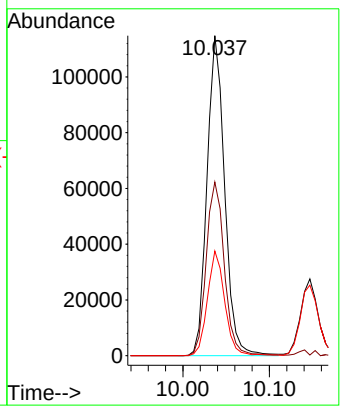


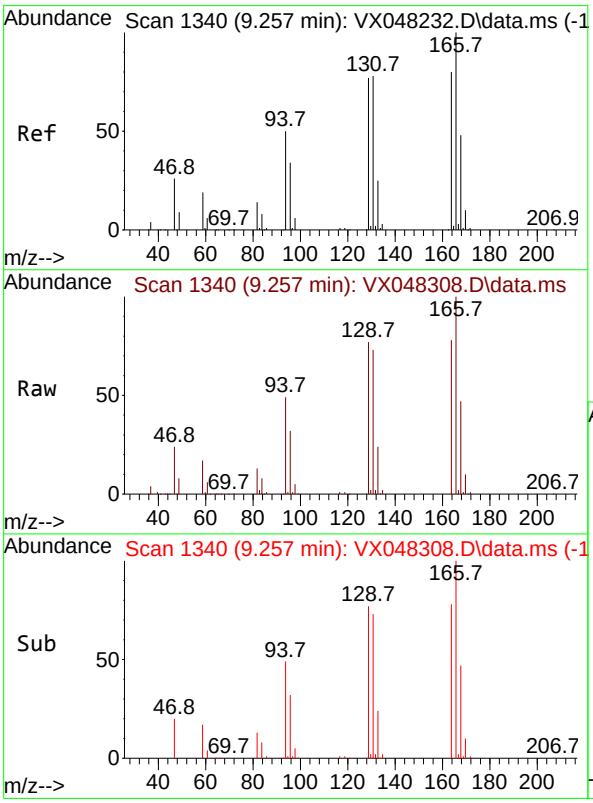

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:117 Resp: 162404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.2 | 46.5 | 69.7 |
| 119 | 32.7 | 25.9 | 38.9 |

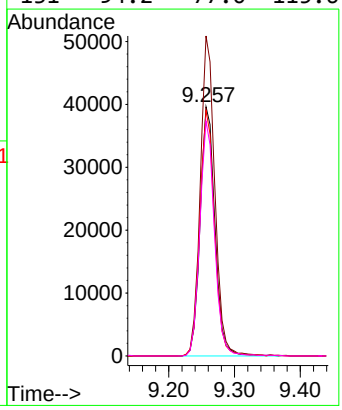


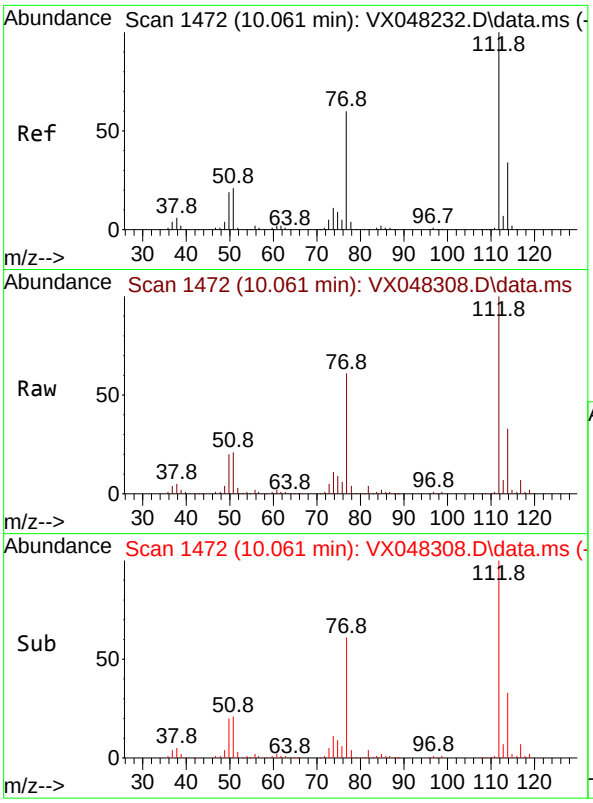




#64
Tetrachloroethene
Concen: 51.141 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:164 Resp: 62003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.4 | 104.5 | 156.7 |
| 129 | 98.6 | 81.8 | 122.6 |
| 131 | 94.2 | 77.0 | 115.6 |



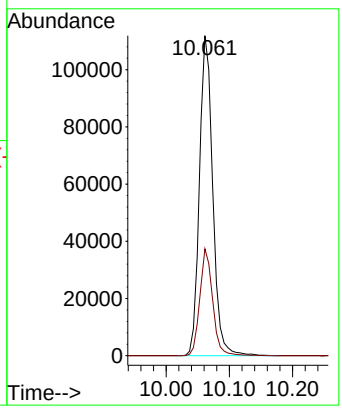


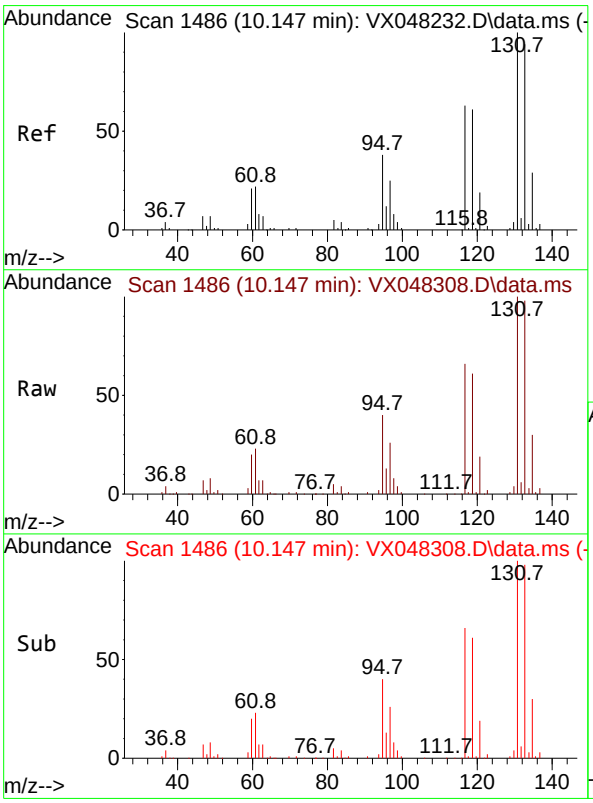

#65
Chlorobenzene
Concen: 44.931 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:112 Resp: 164147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.4 | 26.2 | 39.2 |

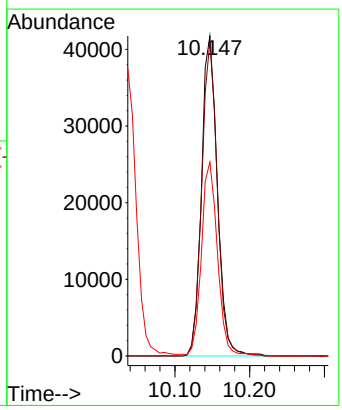


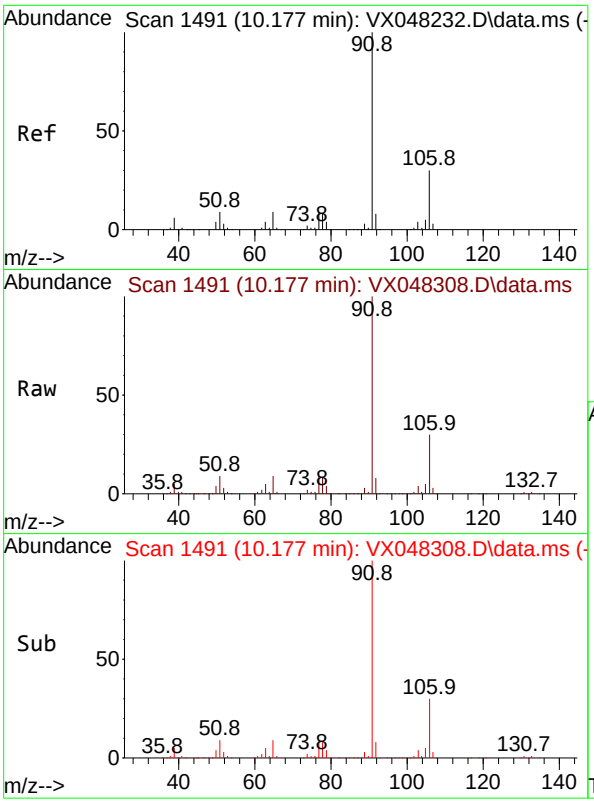




#66
1,1,1,2-Tetrachloroethane
Concen: 45.916 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:131 Resp: 61612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.2 | 47.6 | 142.8 |
| 119 | 61.3 | 32.5 | 97.5 |



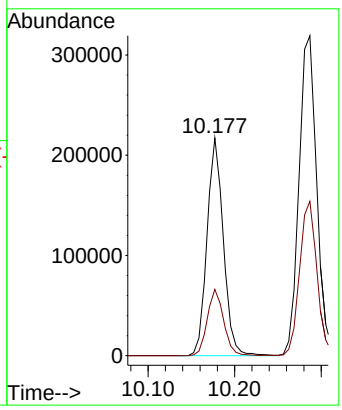


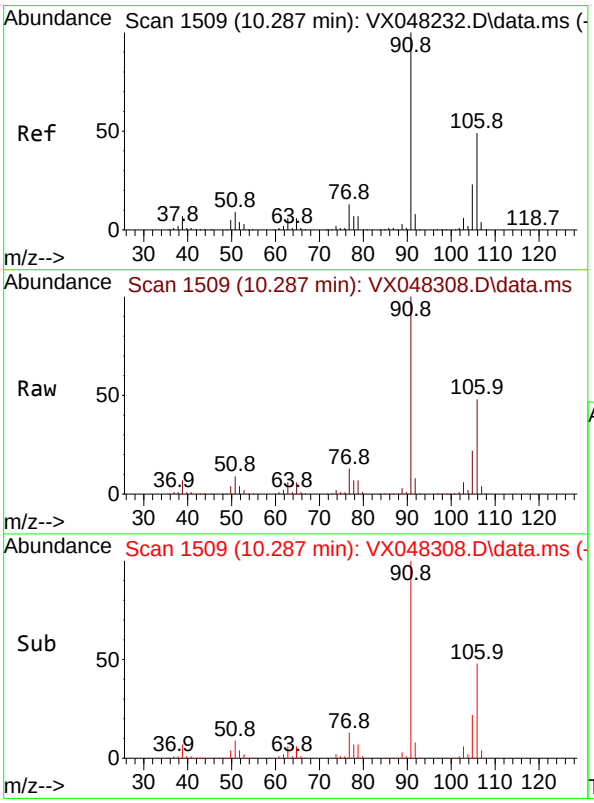

#67
Ethyl Benzene
Concen: 45.820 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 285001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 23.8 | 35.6 |

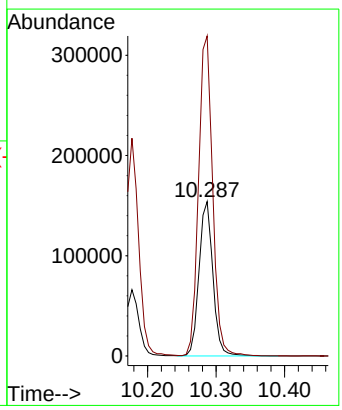


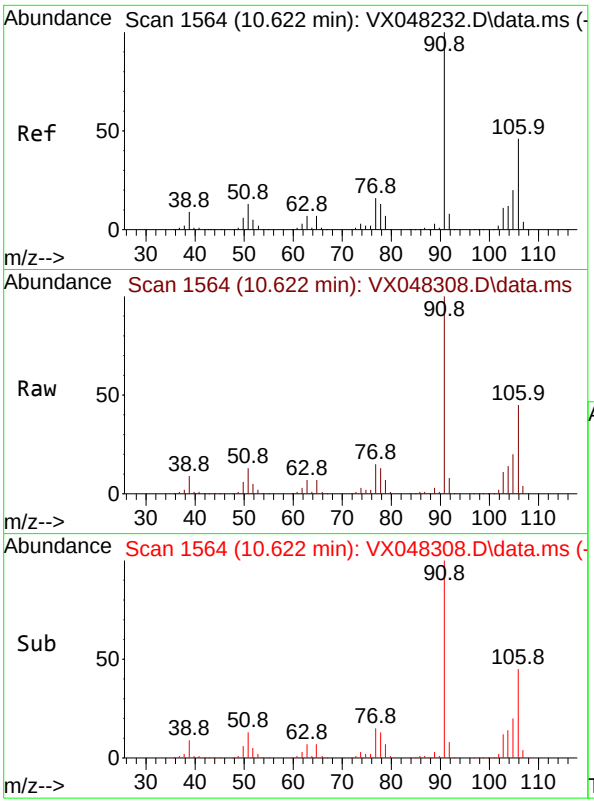




#68
m/p-Xylenes
Concen: 93.917 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:106 Resp: 217045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.6 | 167.9 | 251.9 |



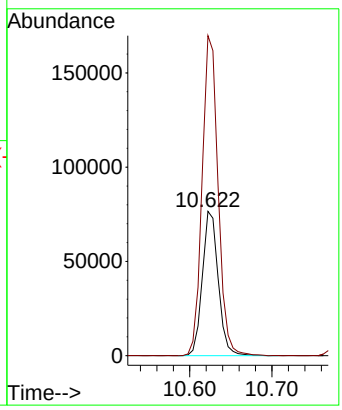


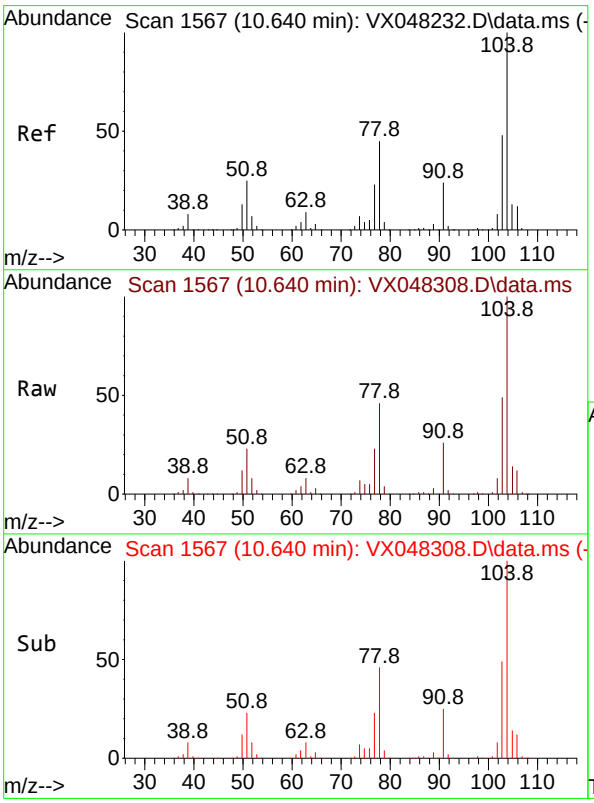

#69
o-Xylene
Concen: 46.180 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:106 Resp: 103036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.9 | 111.3 | 333.9 |

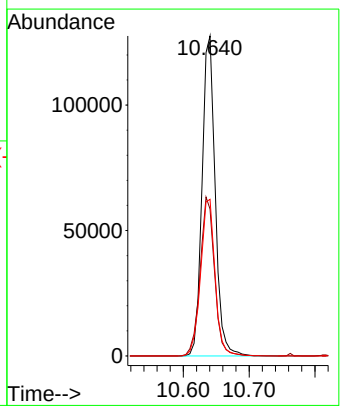


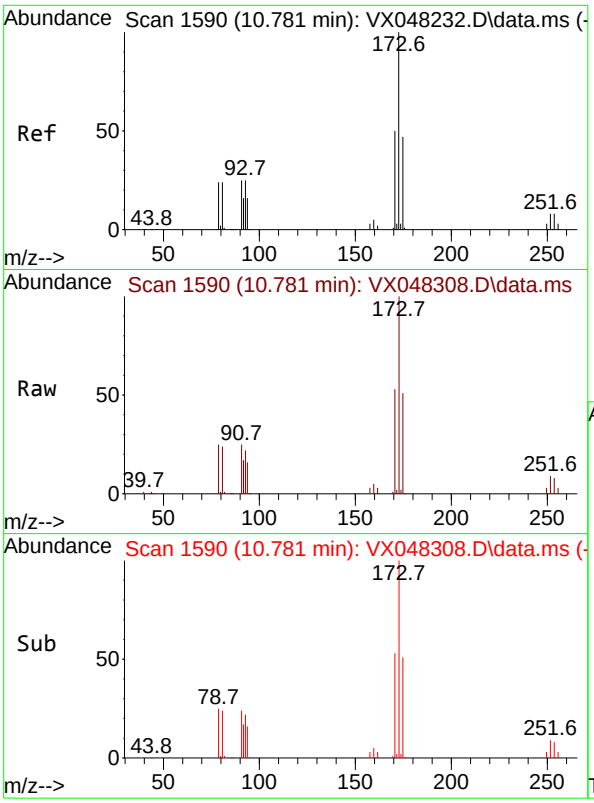




#70
Styrene
Concen: 46.785 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:104 Resp: 177742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.2 | 42.2 | 63.4 |
| 103 | 53.8 | 43.0 | 64.4 |



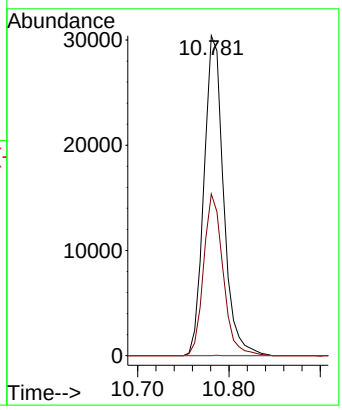


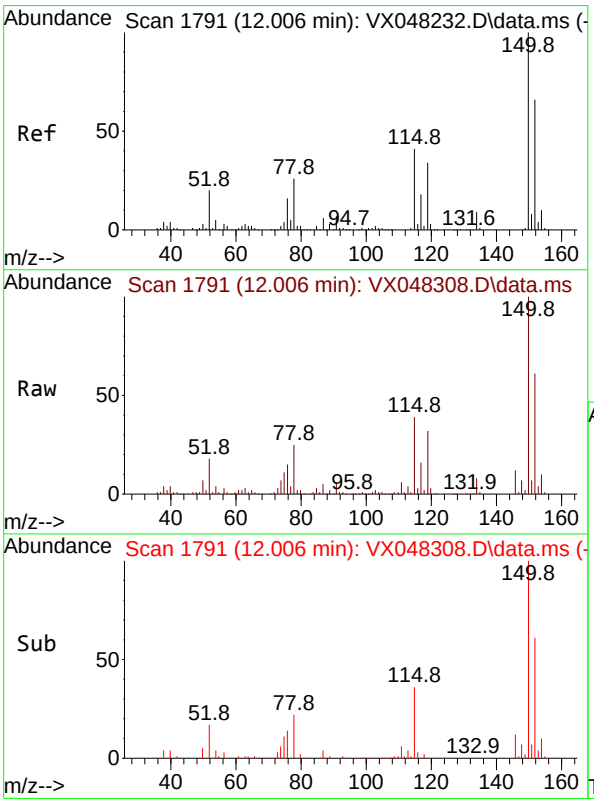

#71
Bromoform
Concen: 42.089 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:173 Resp: 45139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.2 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0# |

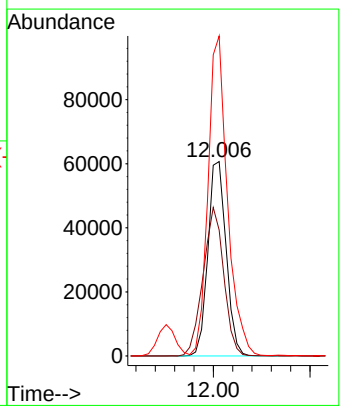


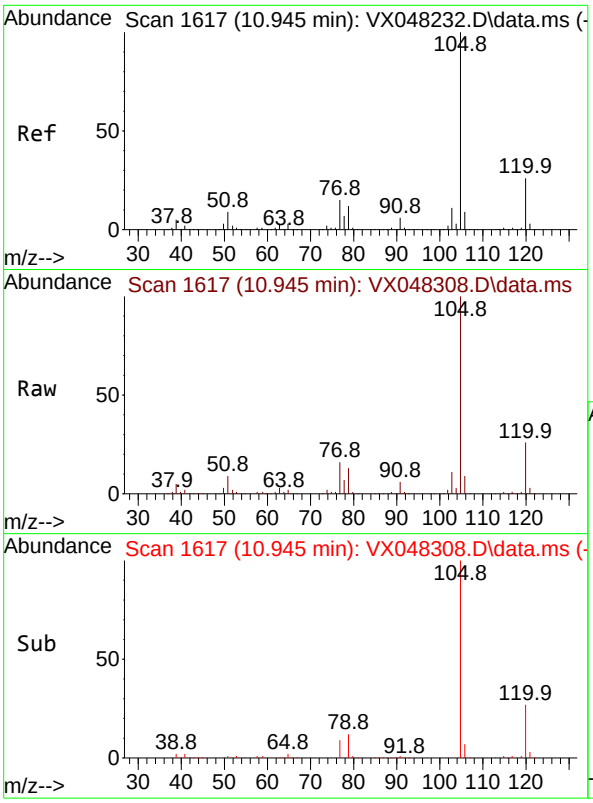




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:152 Resp: 79762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 86.4 | 43.1 | 129.4 |
| 150 | 173.7 | 0.0 | 353.0 |



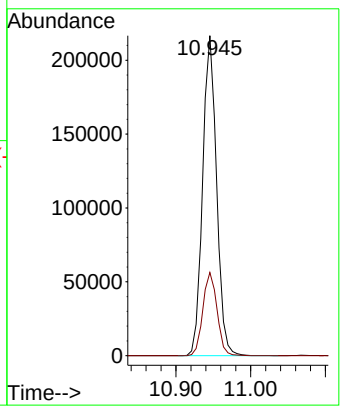


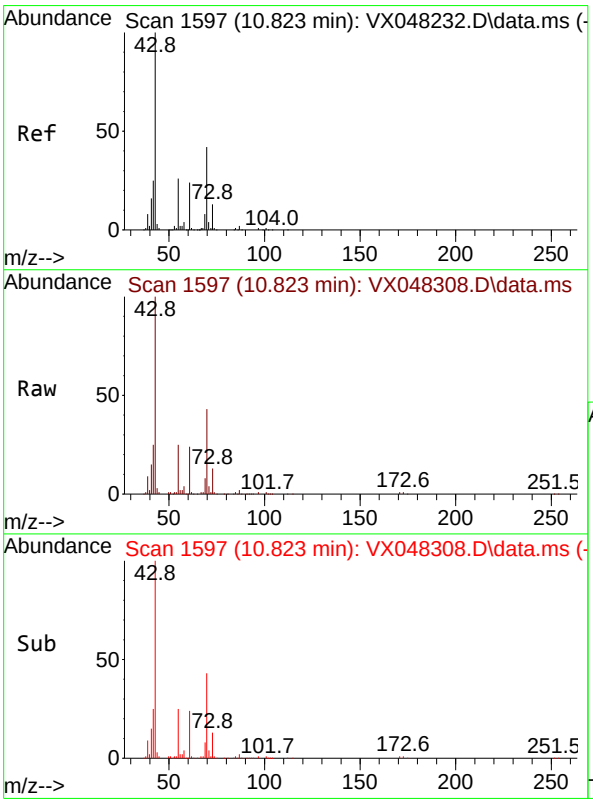

#73
Isopropylbenzene
Concen: 48.063 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:105 Resp: 280008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.4 | 13.0 | 38.9 |

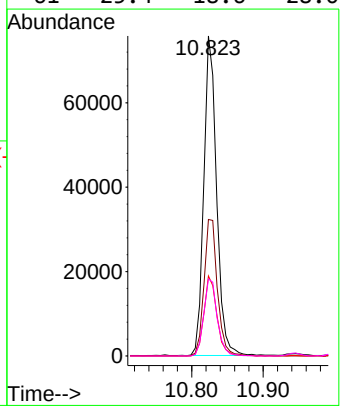


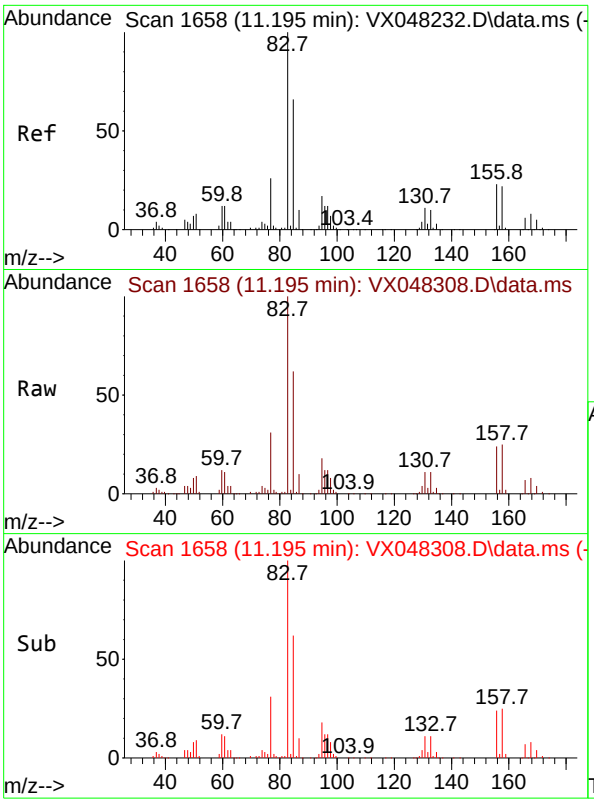




#74
N-amyl acetate
Concen: 45.596 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 43 Resp: 94223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.9 | 32.2 | 48.2 |
| 55 | 25.4 | 19.1 | 28.7 |
| 61 | 25.4 | 18.6 | 28.0 |



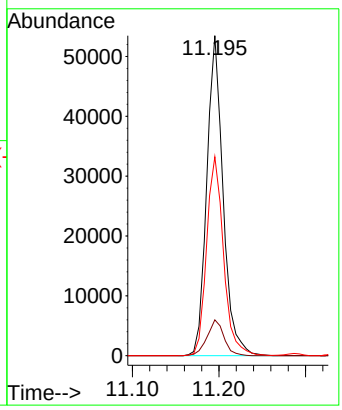


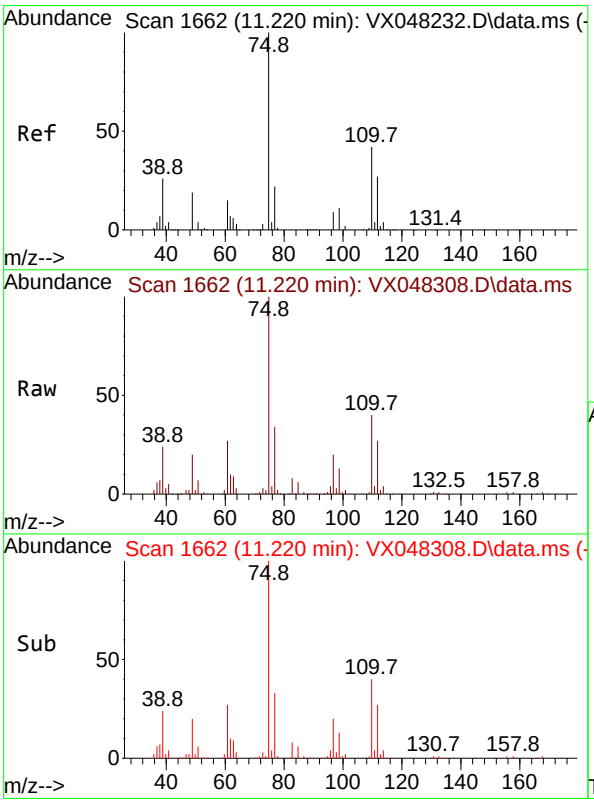

#75
1,1,2,2-Tetrachloroethane
Concen: 44.003 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 70007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.6 | 4.8 | 14.4 |
| 85 | 64.7 | 31.9 | 95.7 |

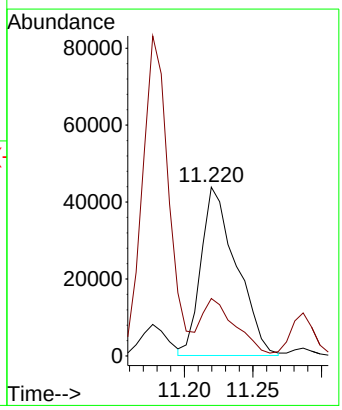


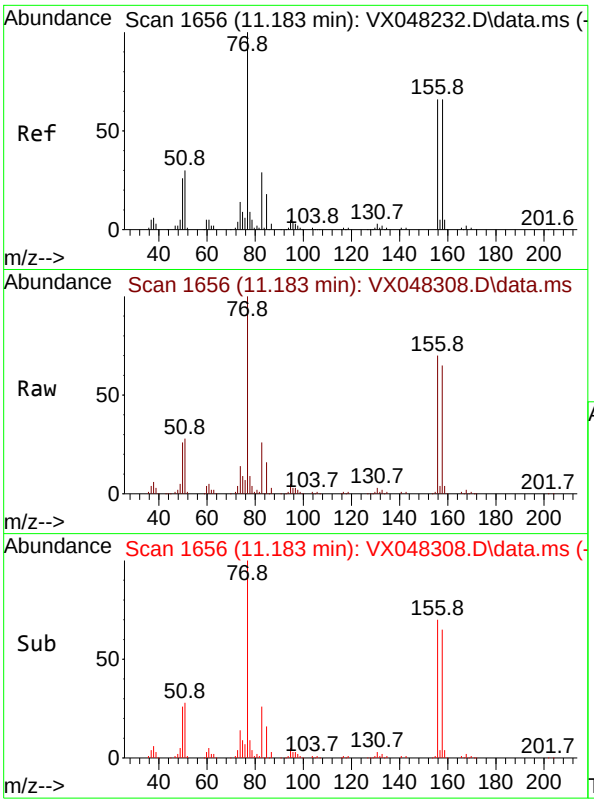




#76
1,2,3-Trichloropropane
Concen: 61.002 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 78904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 22.4 | 67.2 |



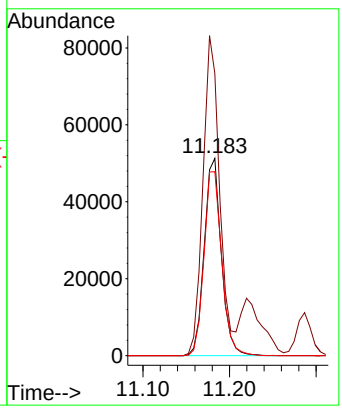


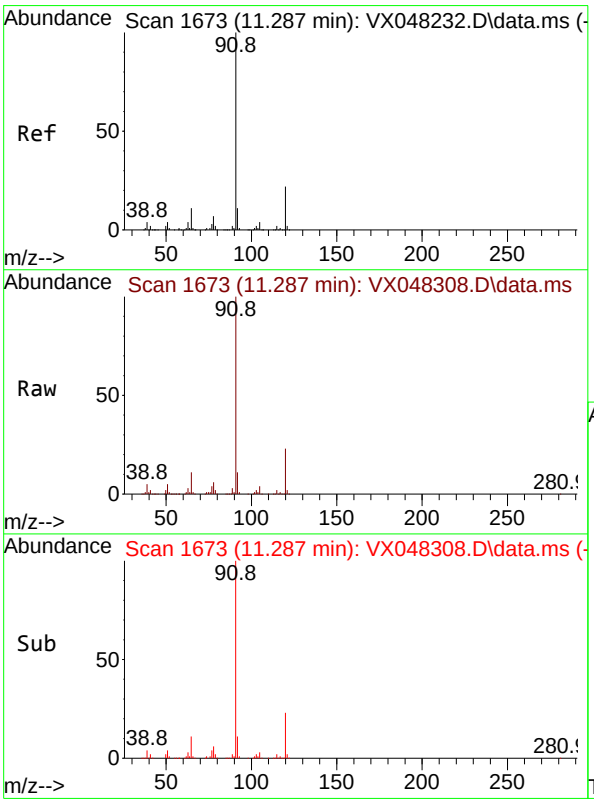

#77
Bromobenzene
Concen: 48.168 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:156 Resp: 70363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 158.9 | 87.0 | 261.0 |
| 158 | 96.8 | 47.8 | 143.4 |

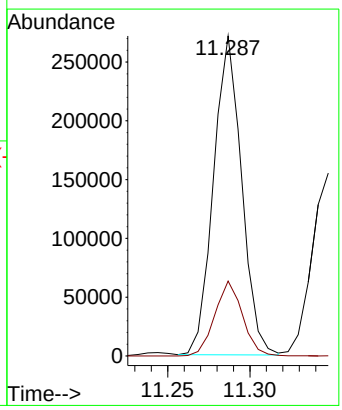


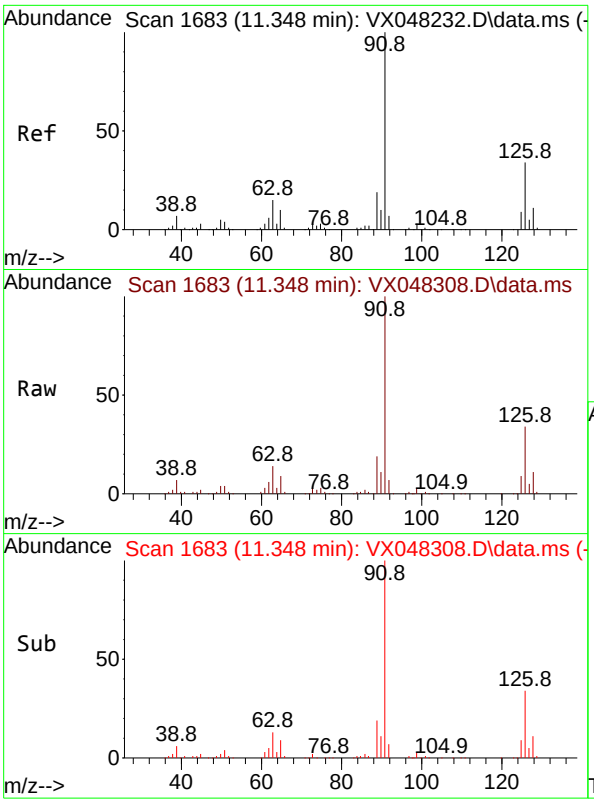




#78
n-propylbenzene
Concen: 47.765 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 322187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.2 | 11.1 | 33.1 |



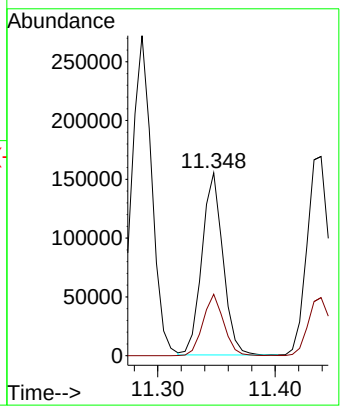


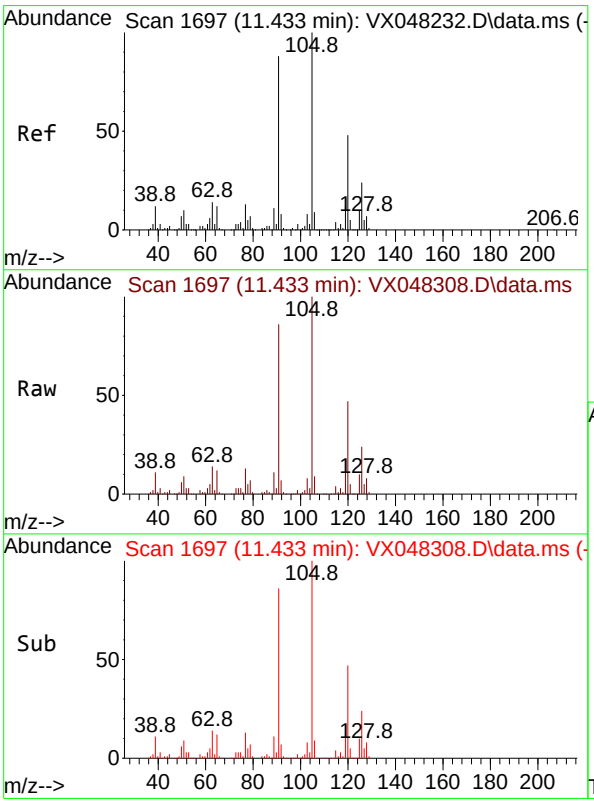

#79
2-Chlorotoluene
Concen: 47.160 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 192865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.3 | 16.4 | 49.4 |

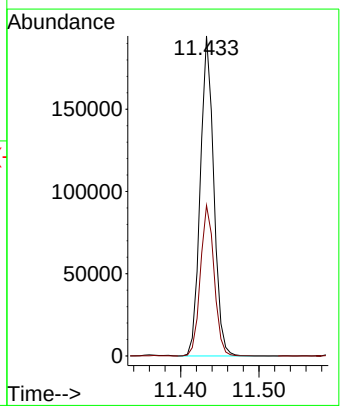


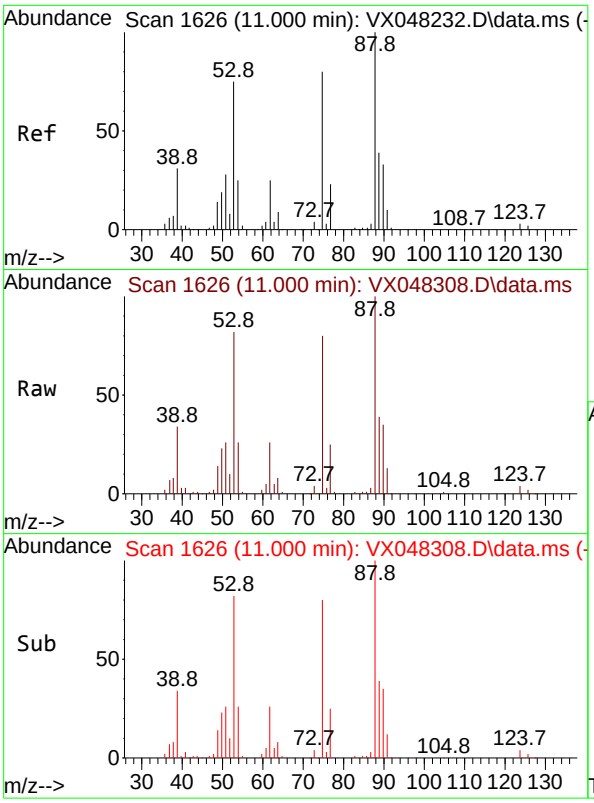




#80
1,3,5-Trimethylbenzene
Concen: 48.075 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:105 Resp: 231776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 24.0 | 72.0 |



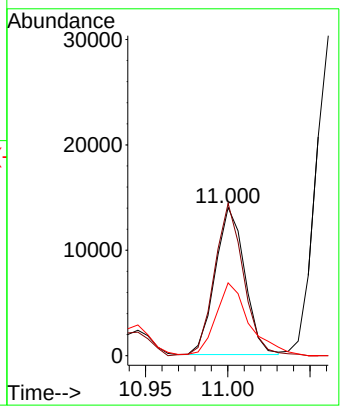


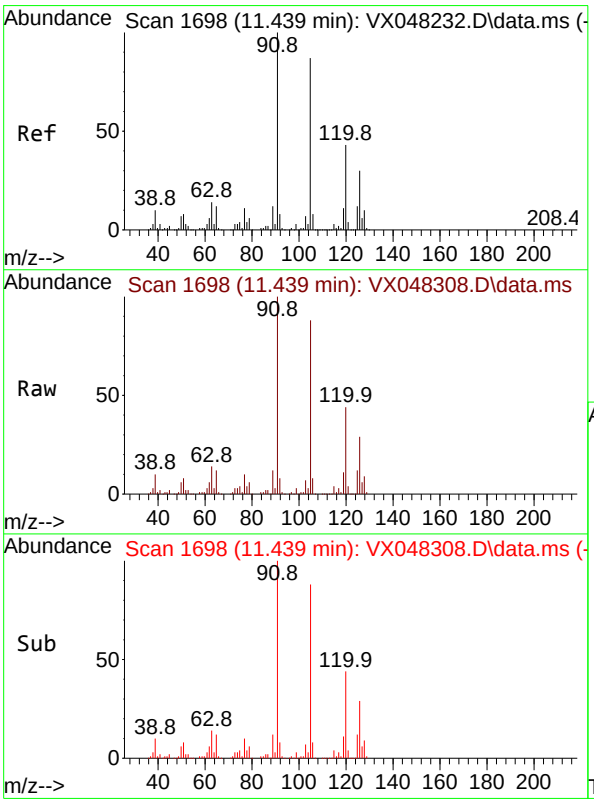

#81
trans-1,4-Dichloro-2-butene
Concen: 32.856 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 17468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 101.6 | 79.5 | 119.3 |
| 89 | 56.5 | 36.8 | 55.2# |

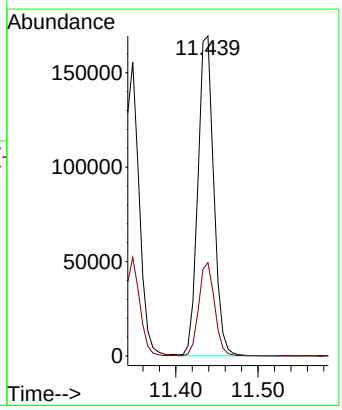


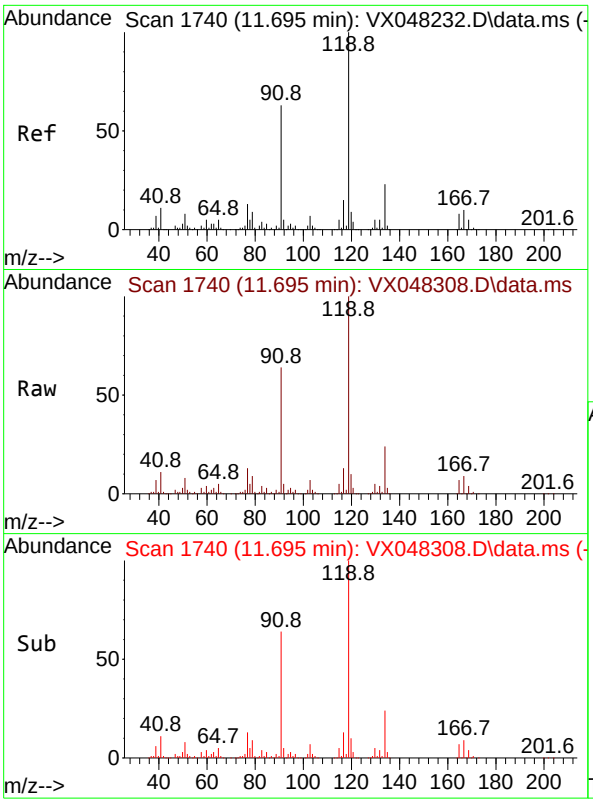




#82
4-Chlorotoluene
Concen: 46.681 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 91 Resp: 226624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.2 | 14.1 | 42.4 |



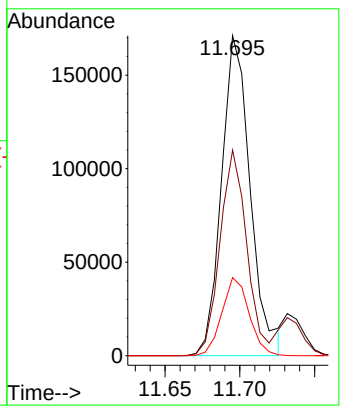


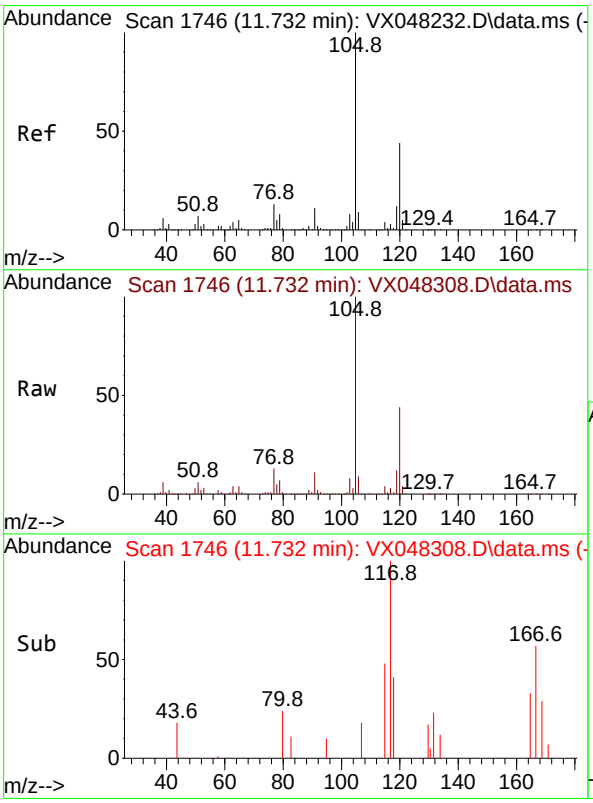

#83
tert-Butylbenzene
Concen: 46.177 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:119 Resp: 228741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.8 | 30.3 | 91.0 |
| 134 | 23.2 | 11.4 | 34.2 |

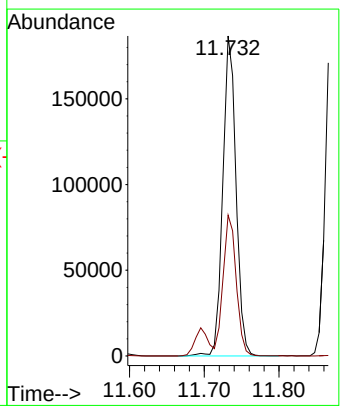


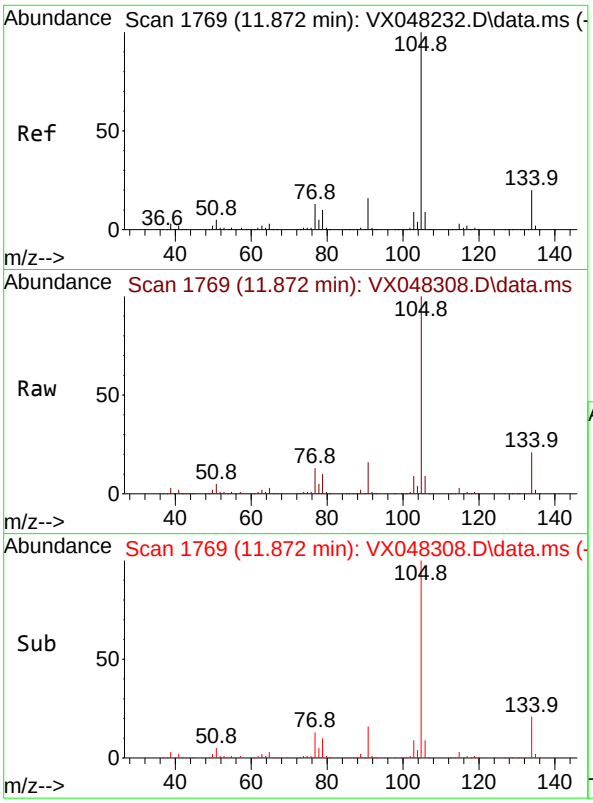




#84
1,2,4-Trimethylbenzene
Concen: 47.822 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:105 Resp: 230093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.7 | 22.1 | 66.5 |



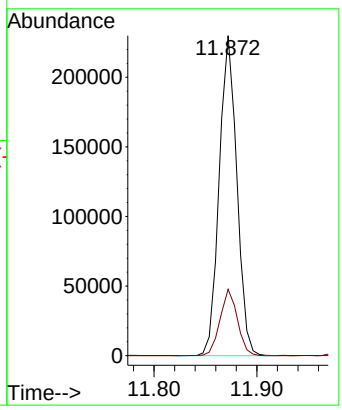


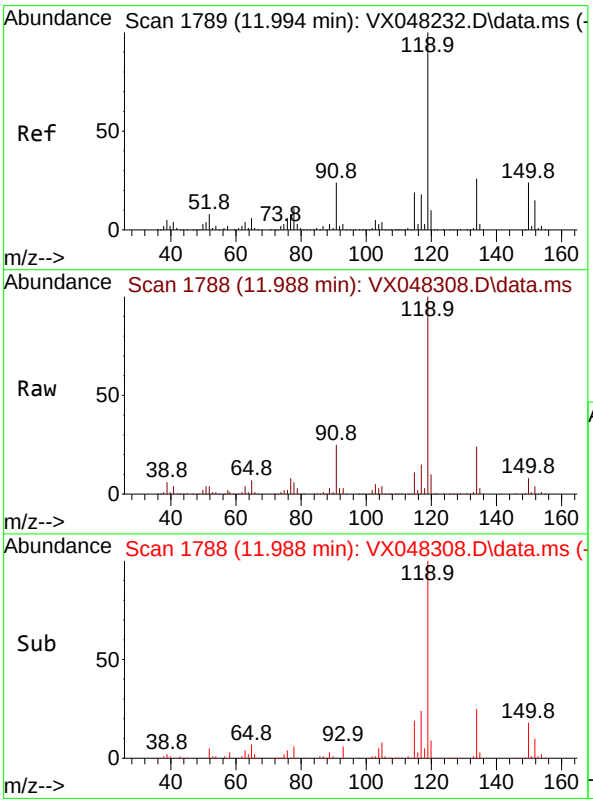

#85
sec-Butylbenzene
Concen: 45.855 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:105 Resp: 273283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.4 | 10.1 | 30.1 |

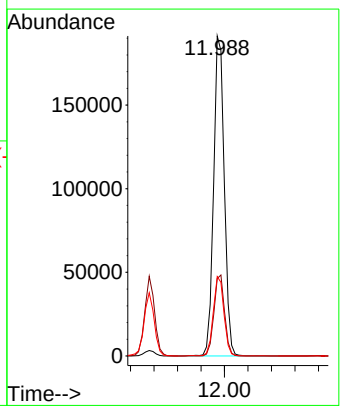


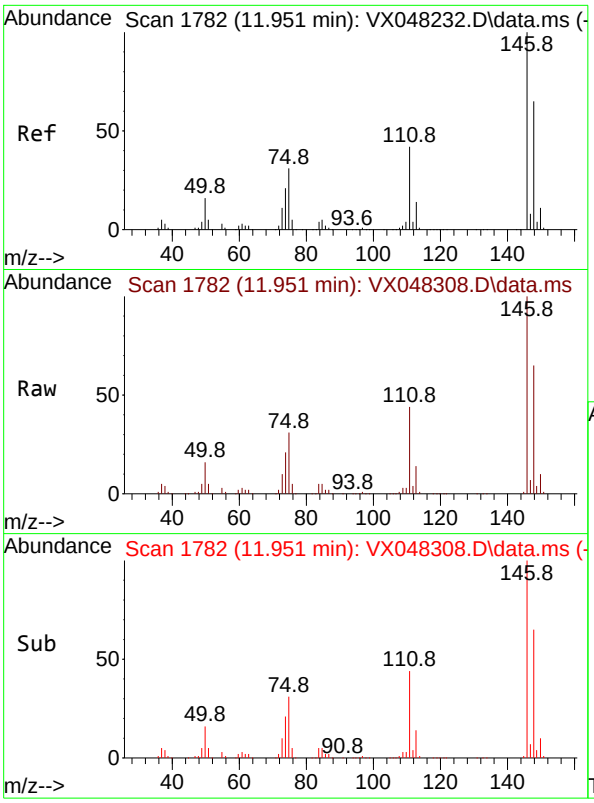




#86
p-Isopropyltoluene
Concen: 46.741 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:119 Resp: 240774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.2 | 13.0 | 39.0 |
| 91 | 24.8 | 12.1 | 36.3 |



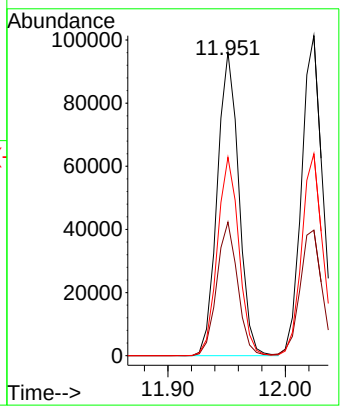


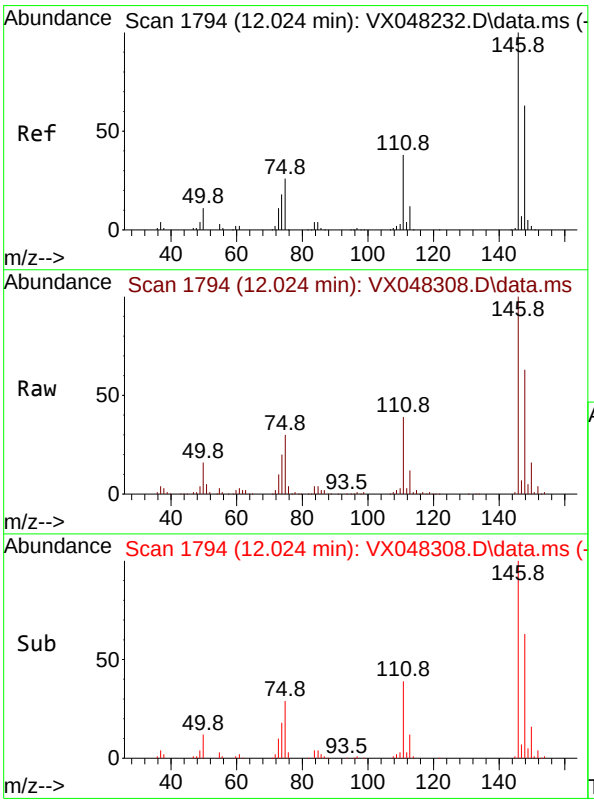

#87
1,3-Dichlorobenzene
Concen: 44.479 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 122488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.8 | 20.4 | 61.2 |
| 148 | 65.3 | 31.9 | 95.9 |

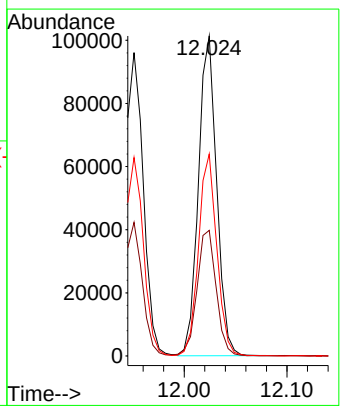


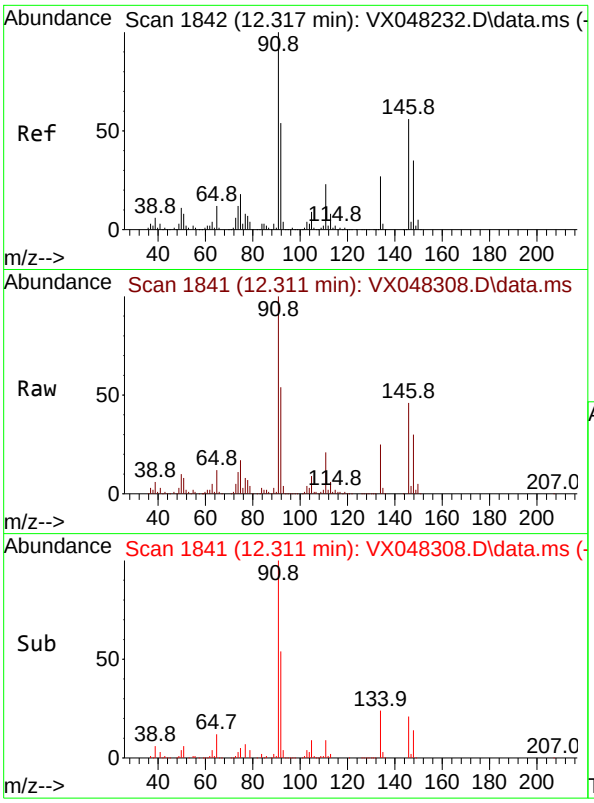




#88
1,4-Dichlorobenzene
Concen: 43.891 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:146 Resp: 125212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.3 | 20.1 | 60.2 |
| 148 | 63.6 | 31.8 | 95.3 |



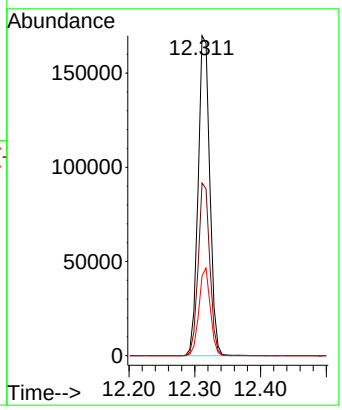


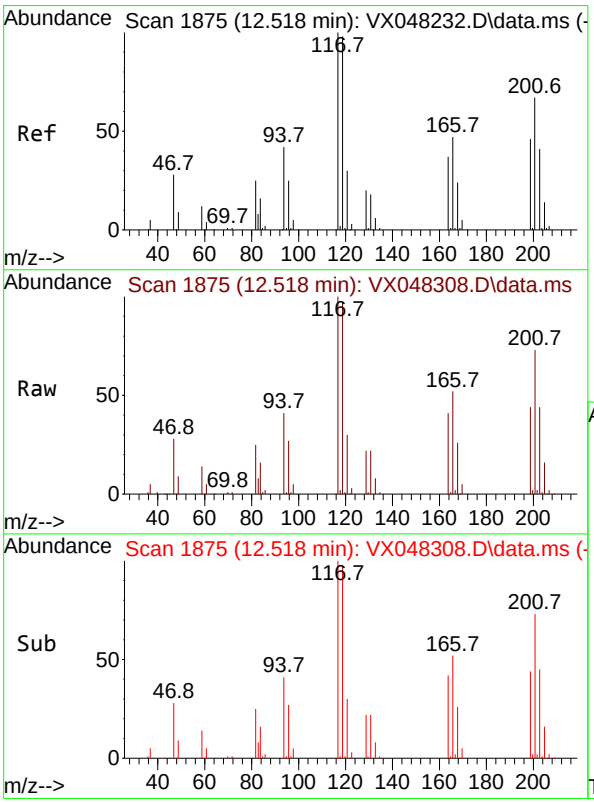

#89
n-Butylbenzene
Concen: 44.679 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 209483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.5 | 26.9 | 80.6 |
| 134 | 26.5 | 12.7 | 38.1 |

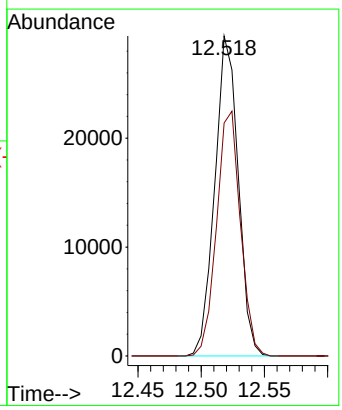


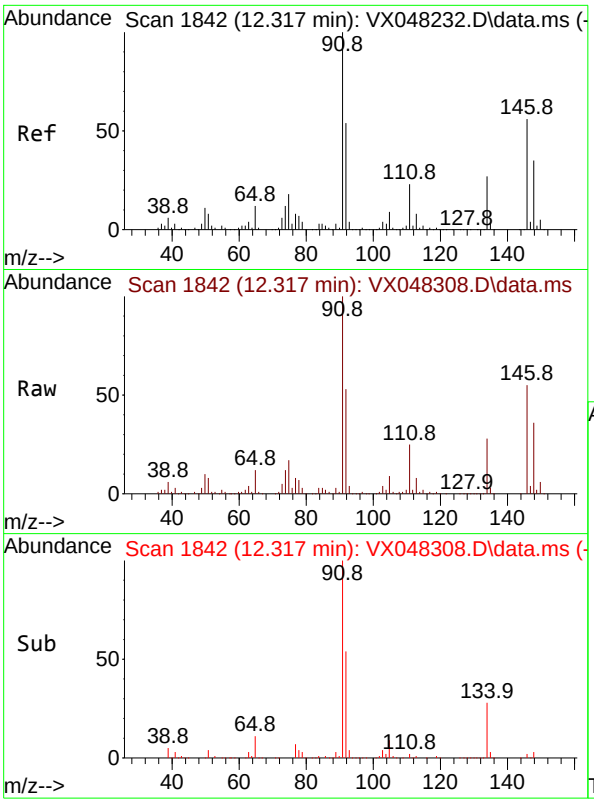




#90
Hexachloroethane
Concen: 37.170 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:117 Resp: 37811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 77.8 | 34.1 | 102.2 |



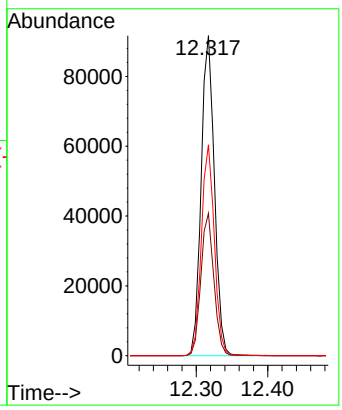


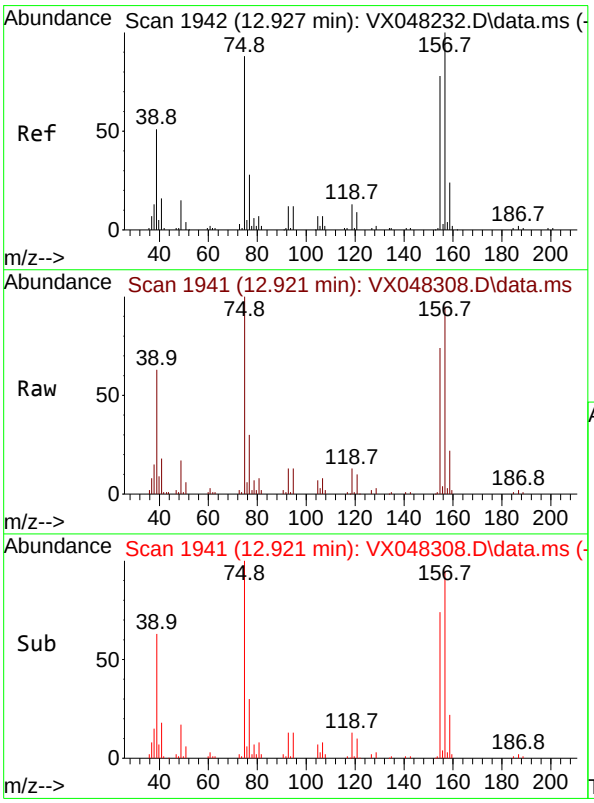

#91
1,2-Dichlorobenzene
Concen: 45.560 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 117796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.7 | 21.9 | 65.5 |
| 148 | 64.7 | 31.9 | 95.5 |

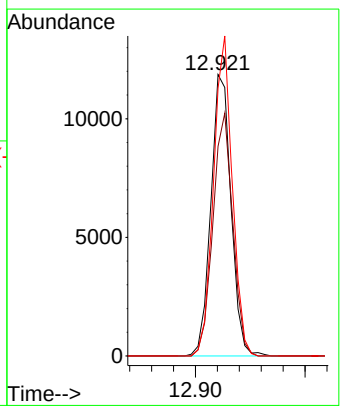


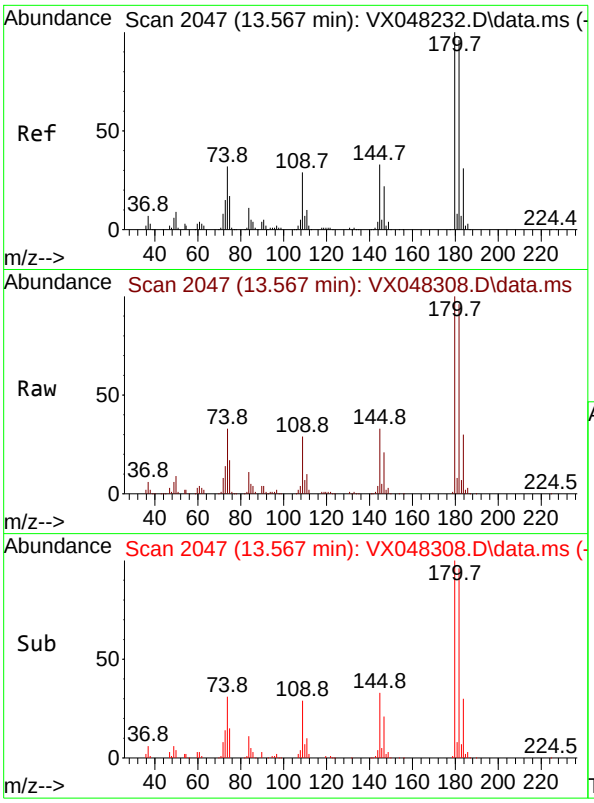




#92
1,2-Dibromo-3-Chloropropane
Concen: 46.953 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion: 75 Resp: 15163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 84.9 | 42.8 | 128.4 |
| 157 | 105.9 | 54.2 | 162.6 |



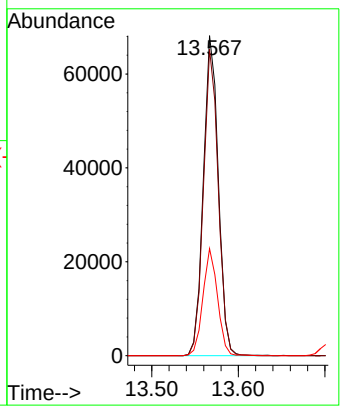


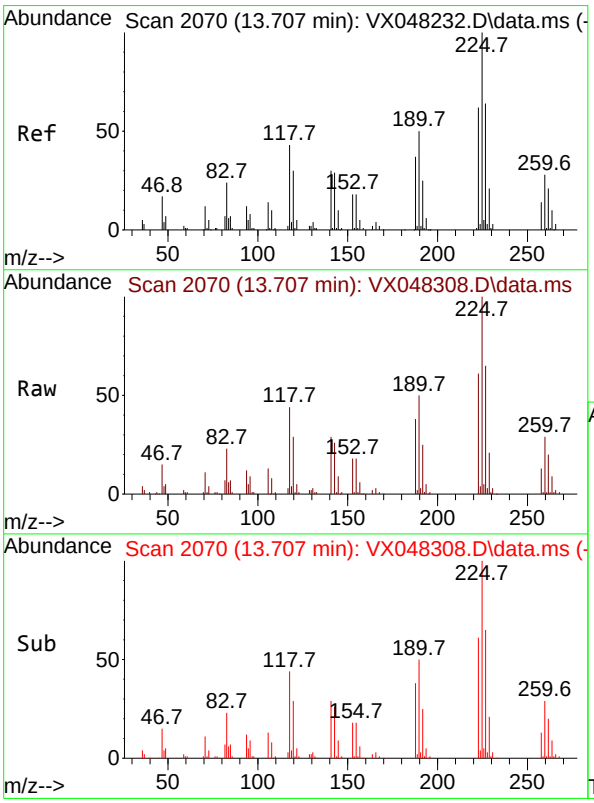

#93
1,2,4-Trichlorobenzene
Concen: 46.736 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:180 Resp: 81717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 47.3 | 142.0 |
| 145 | 32.7 | 16.3 | 48.9 |

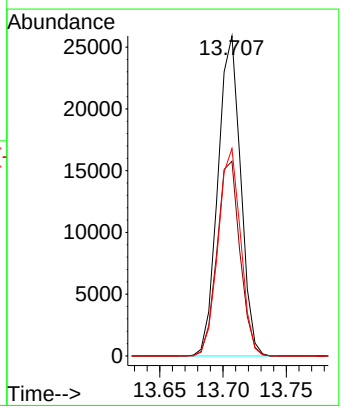


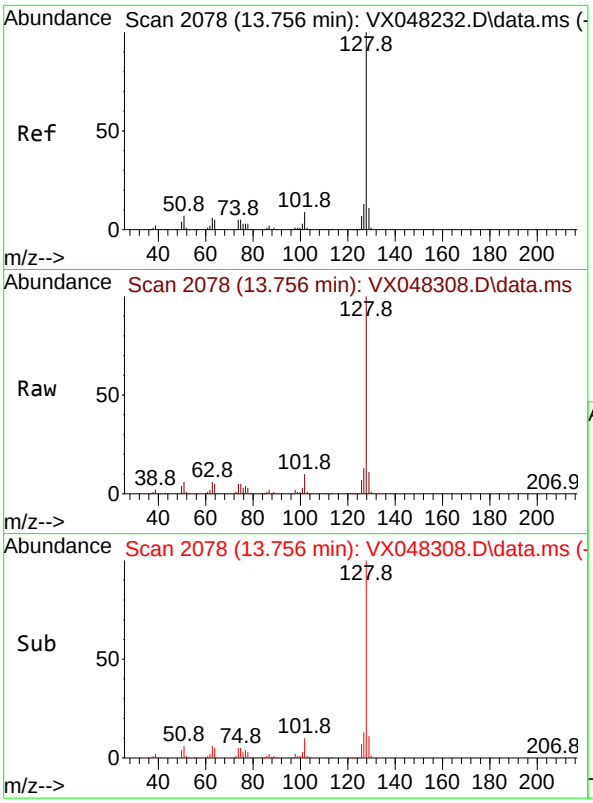




#94
Hexachlorobutadiene
Concen: 49.279 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:225 Resp: 32287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 32.6 | 97.7 |
| 227 | 64.2 | 32.5 | 97.4 |



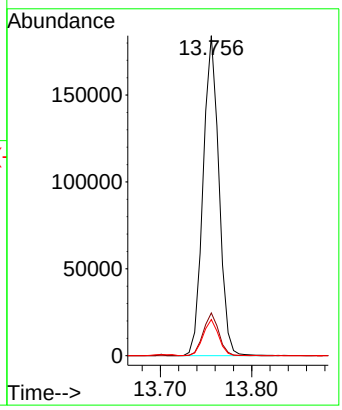


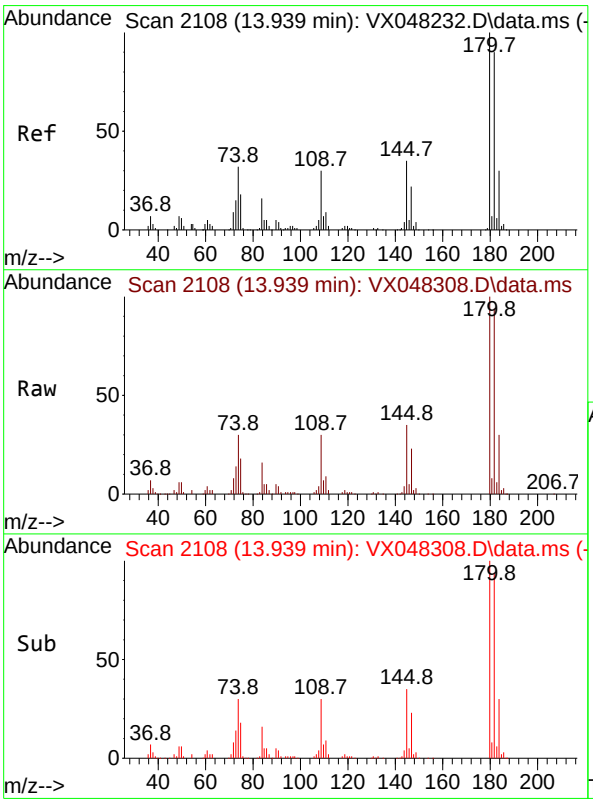

#95
Naphthalene
Concen: 47.634 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:128 Resp: 220659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.4 |
| 129 | 11.1 | 8.6 | 12.8 |

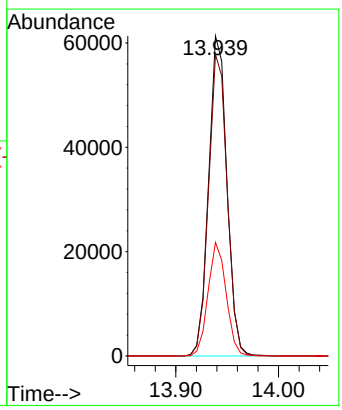



#96
1,2,3-Trichlorobenzene
Concen: 47.178 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048308.D
Acq: 22 Oct 2025 18:36

Tgt Ion:180 Resp: 75696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 46.6 | 139.7 |
| 145 | 35.1 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 125053 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.739 | 114 | 210685 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 187763 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 93479 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 94250 | 53.755 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 107.500% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 58414 | 40.612 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 81.220% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 238621 | 47.331 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 94.660% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 91425 | 47.668 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 95.340% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 59098 | 45.970 | ug/l | 96 |
| 3) Chloromethane | 1.300 | 50 | 28679 | 23.900 | ug/l | 98 |
| 4) Vinyl Chloride | 1.380 | 62 | 78438 | 70.590 | ug/l | 99 |
| 5) Bromomethane | 1.611 | 94 | 30849 | 40.909 | ug/l | 96 |
| 6) Chloroethane | 1.691 | 64 | 48125 | 73.704 | ug/l | 96 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 135485 | 63.576 | ug/l | 97 |
| 8) Diethyl Ether | 2.130 | 74 | 49757 | 82.980 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 74958 | 55.546 | ug/l | 99 |
| 10) Methyl Iodide | 2.453 | 142 | 278558 | 164.198 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.934 | 59 | 42499 | 244.130 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 71588 | 54.527 | ug/l | 96 |
| 13) Acrolein | 2.233 | 56 | 70039 | 394.484 | ug/l | 99 |
| 14) Allyl chloride | 2.660 | 41 | 126613 | 58.086 | ug/l | 96 |
| 15) Acrylonitrile | 3.050 | 53 | 180209 | 287.081 | ug/l | 99 |
| 16) Acetone | 2.367 | 43 | 102142 | 169.814 | ug/l | 94 |
| 17) Carbon Disulfide | 2.514 | 76 | 196078 | 47.388 | ug/l | 99 |
| 18) Methyl Acetate | 2.697 | 43 | 78123 | 62.192 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 262138 | 58.527 | ug/l | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 80635 | 55.018 | ug/l | 99 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 77229 | 53.552 | ug/l | 98 |
| 22) Diisopropyl ether | 3.745 | 45 | 280059 | 64.418 | ug/l | 96 |
| 23) Vinyl Acetate | 3.709 | 43 | 987789 | 284.432 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.599 | 63 | 148111 | 56.341 | ug/l | 98 |
| 25) 2-Butanone | 4.532 | 43 | 169634 | 222.811 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.458 | 77 | 128101 | 53.987 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.471 | 96 | 93213 | 55.383 | ug/l | 97 |
| 28) Bromochloromethane | 4.879 | 49 | 62840 | 57.651 | ug/l | 98 |
| 29) Tetrahydrofuran | 4.977 | 42 | 129863 | 284.809 | ug/l | 99 |
| 30) Chloroform | 5.074 | 83 | 157726 | 56.158 | ug/l | 97 |
| 31) Cyclohexane | 5.452 | 56 | 121074 | 55.630 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 135402 | 52.310 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.678 | 75 | 102532 | 50.154 | ug/l | 98 |
| 37) Ethyl Acetate | 4.684 | 43 | 92982 | 54.873 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.659 | 117 | 115868 | 45.939 | ug/l | 99 |
| 39) Methylcyclohexane | 7.360 | 83 | 122210 | 50.618 | ug/l | 95 |
| 40) Benzene | 6.019 | 78 | 311870 | 52.544 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.897 | 41 | 50795 | 57.081 | ug/l | | 96 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 124623 | 56.900 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.318 | 43 | 163763 | 58.836 | ug/l | | 99 |
| 44) Trichloroethene | 7.104 | 130 | 78753 | 50.249 | ug/l | | 97 |
| 45) 1,2-Dichloropropane | 7.409 | 63 | 79649 | 56.442 | ug/l | | 100 |
| 46) Dibromomethane | 7.562 | 93 | 59016 | 53.679 | ug/l | | 98 |
| 47) Bromodichloromethane | 7.805 | 83 | 125556 | 52.892 | ug/l | | 98 |
| 48) Methyl methacrylate | 7.671 | 41 | 83235 | 59.262 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.641 | 88 | 18307 | 986.597 | ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 456649 | 284.549 | ug/l | | 100 |
| 52) Toluene | 8.702 | 92 | 193684 | 51.366 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 8.958 | 75 | 117418 | 51.329 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 120526 | 48.835 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 75795 | 54.053 | ug/l | | 99 |
| 56) Ethyl methacrylate | 9.098 | 69 | 112858 | 55.026 | ug/l | | 95 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 129442 | 54.042 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 330441 | 299.294 | ug/l | | 99 |
| 59) 2-Hexanone | 9.415 | 43 | 287437 | 256.864 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.500 | 129 | 91979 | 48.803 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 78094 | 52.241 | ug/l | | 98 |
| 64) Tetrachloroethene | 9.256 | 164 | 69934 | 49.893 | ug/l | | 99 |
| 65) Chlorobenzene | 10.061 | 112 | 214381 | 50.756 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 77036 | 49.657 | ug/l | | 100 |
| 67) Ethyl Benzene | 10.177 | 91 | 368764 | 51.279 | ug/l | | 98 |
| 68) m/p-Xylenes | 10.281 | 106 | 279654 | 104.665 | ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 135450 | 52.509 | ug/l | | 100 |
| 70) Styrene | 10.634 | 104 | 236042 | 53.739 | ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 58125 | 46.878 | ug/l | # | 97 |
| 73) Isopropylbenzene | 10.945 | 105 | 349236 | 51.150 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 146738 | 60.589 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 95793 | 51.376 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 102354 | 67.520 | ug/l | | 81 |
| 77) Bromobenzene | 11.177 | 156 | 88538 | 51.716 | ug/l | | 99 |
| 78) n-propylbenzene | 11.287 | 91 | 420413 | 53.181 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 249581 | 52.073 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 289432 | 51.224 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 22416 | 35.976 | ug/l | # | 66 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 298685 | 52.497 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.695 | 119 | 290306 | 50.006 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 291688 | 51.728 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.872 | 105 | 355586 | 50.910 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 300777 | 49.821 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 161594 | 50.069 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 164145 | 49.095 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 279165 | 50.804 | ug/l | | 100 |
| 90) Hexachloroethane | 12.518 | 117 | 52745 | 44.242 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 152380 | 50.288 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 19444 | 51.374 | ug/l | | 91 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 101730 | 49.644 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 37168 | 48.406 | ug/l | | 98 |
| 95) Naphthalene | 13.756 | 128 | 277956 | 51.198 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.938 | 180 | 92908 | 49.409 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

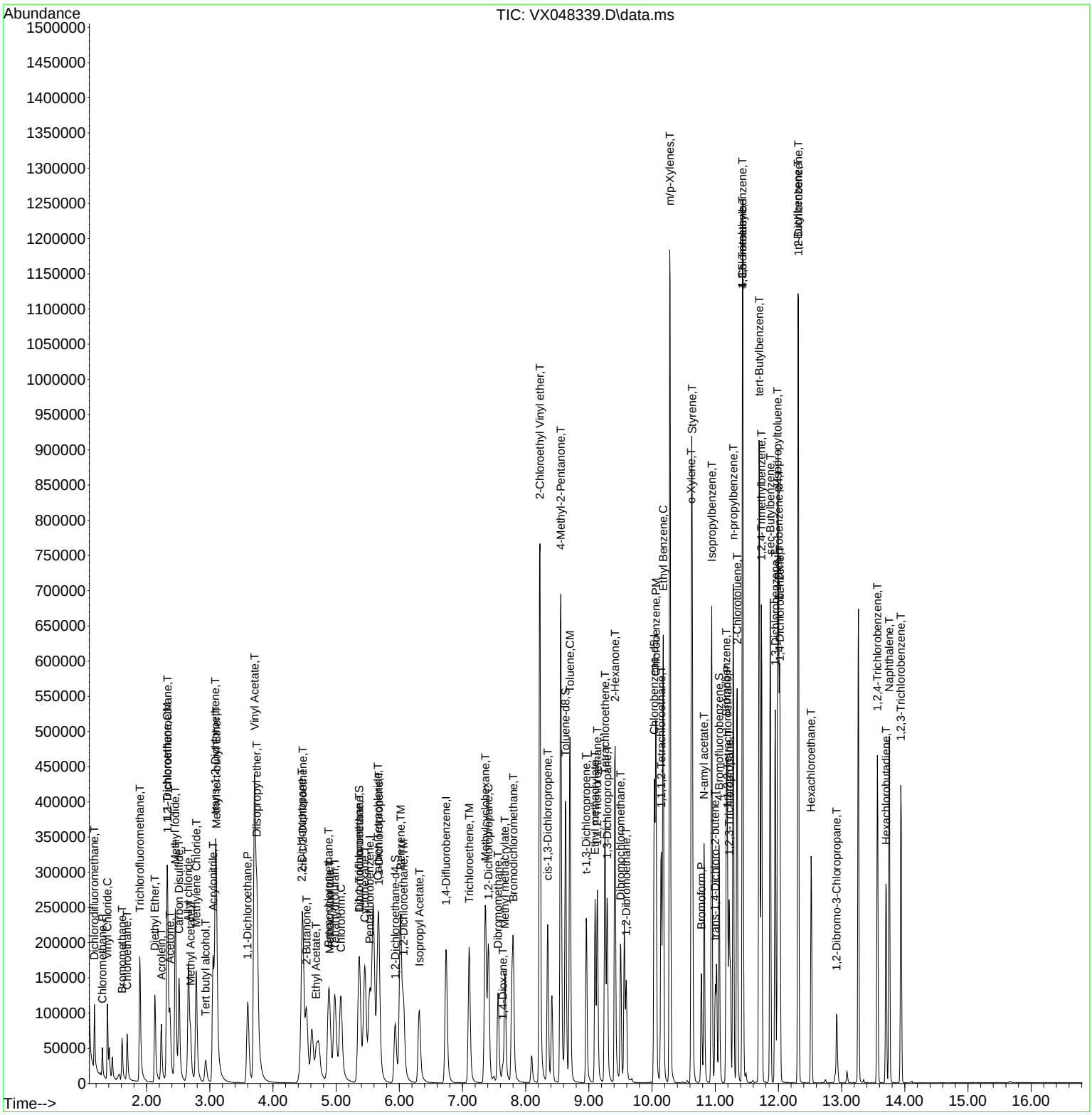
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

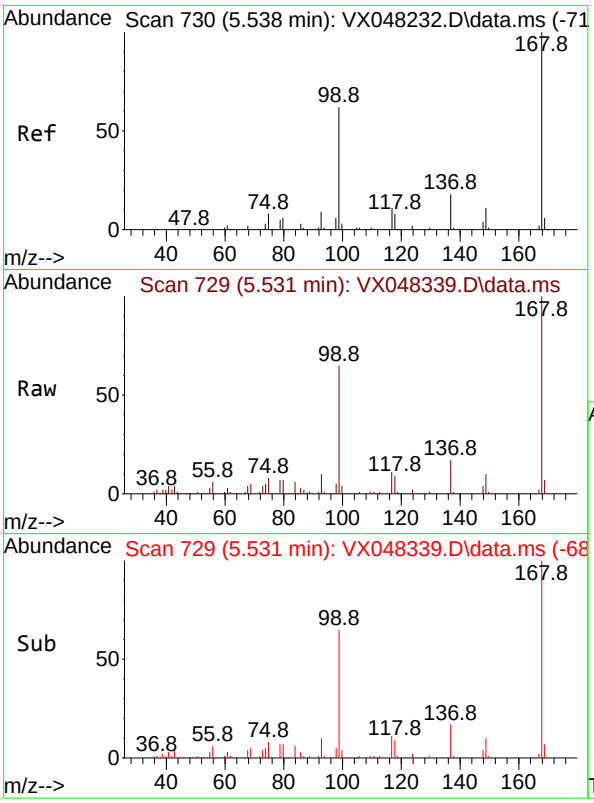
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048339.D
Acq On : 24 Oct 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Quant Time: Oct 24 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



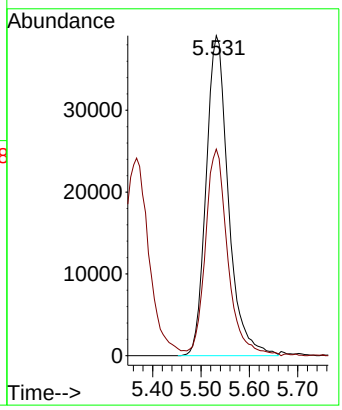


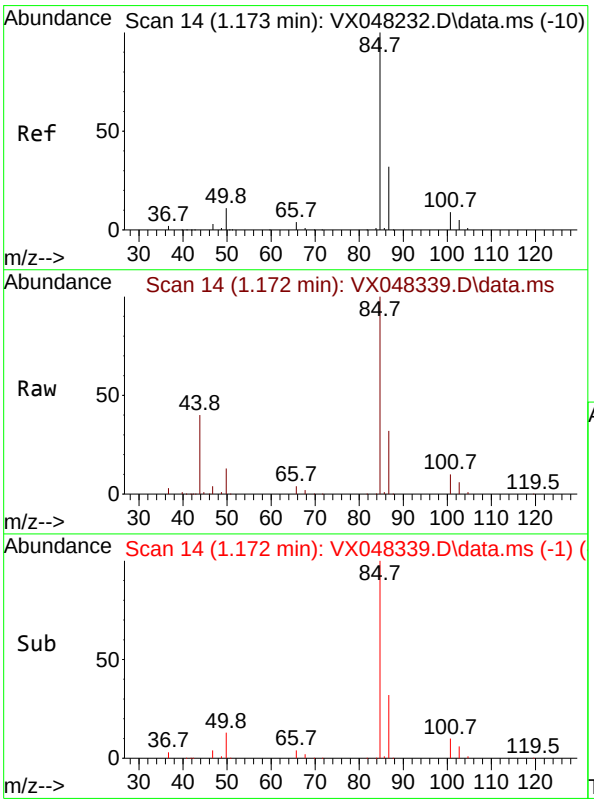

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:168 Resp: 125053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.9 | 46.4 | 69.6 |

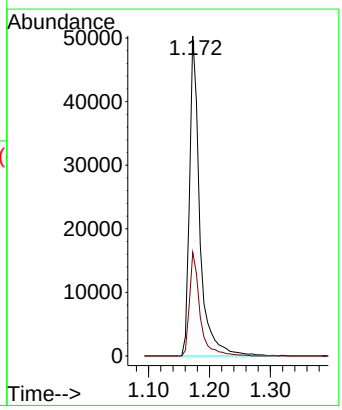


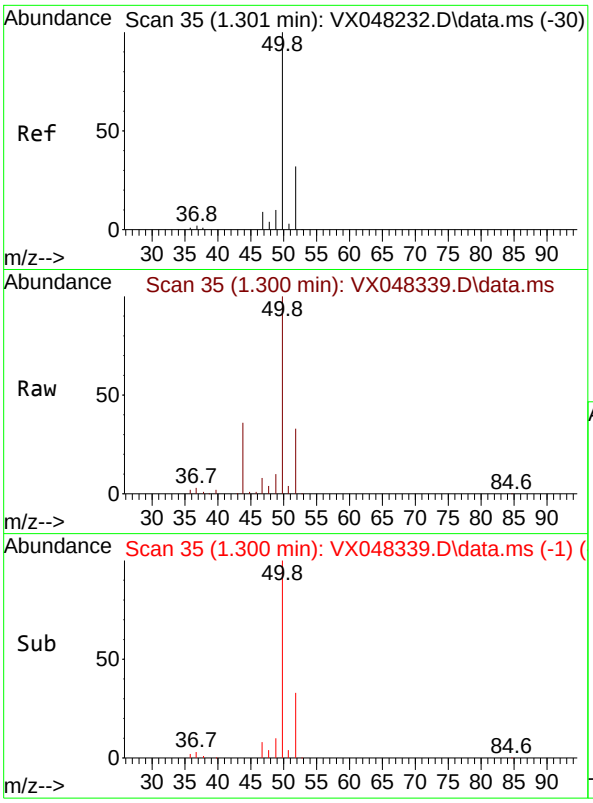




#2
Dichlorodifluoromethane
Concen: 45.970 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 85 Resp: 59098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.8 | 15.3 | 45.9 |



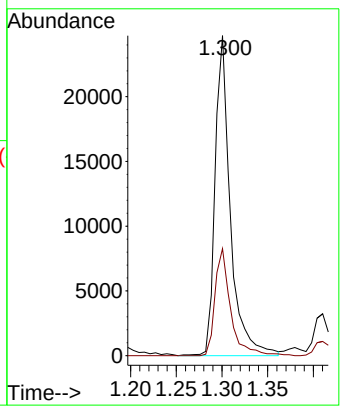


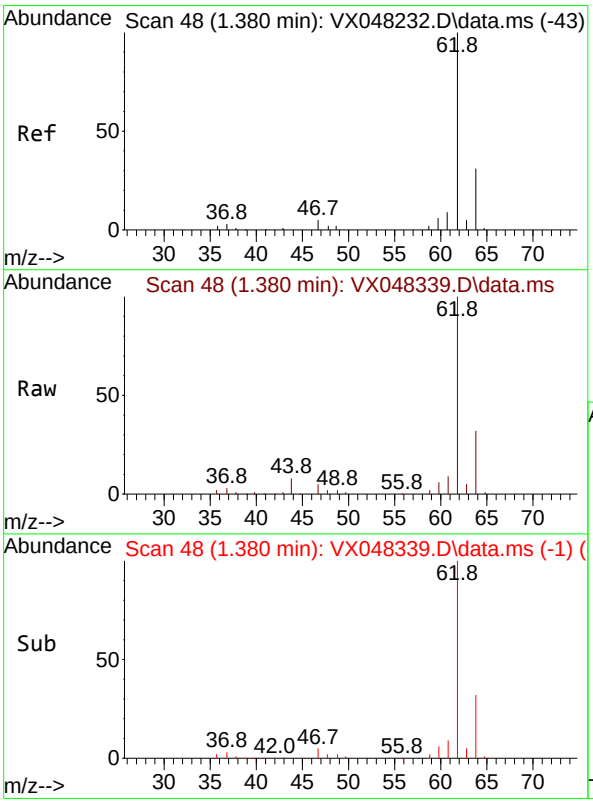

#3
Chloromethane
Concen: 23.900 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 50 Resp: 28679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.4 | 25.9 | 38.9 |

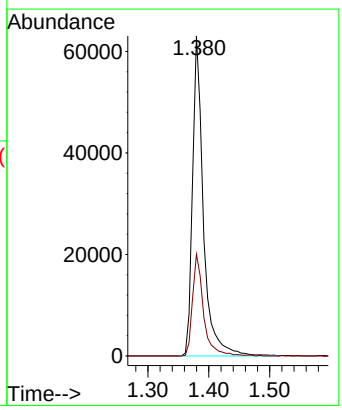


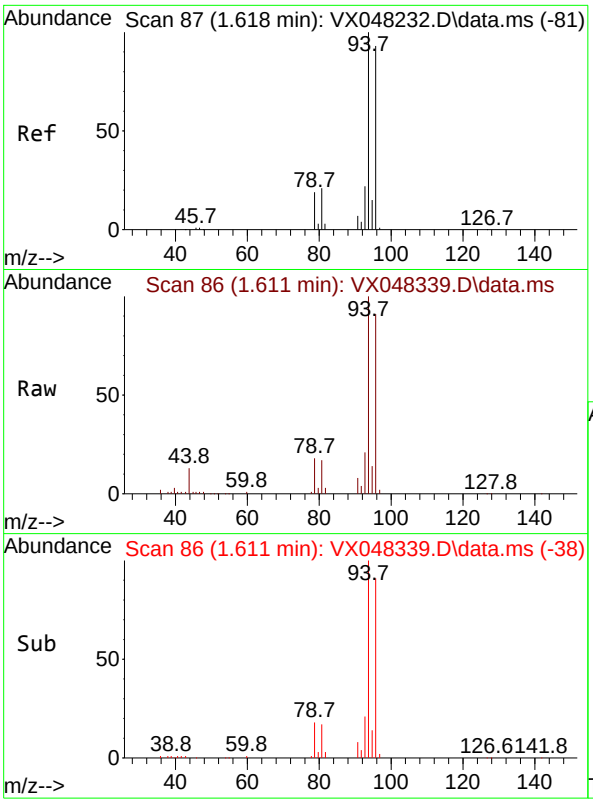




#4
Vinyl Chloride
Concen: 70.590 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 78438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.8 | 25.1 | 37.7 |



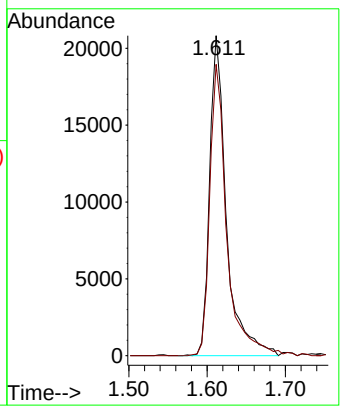


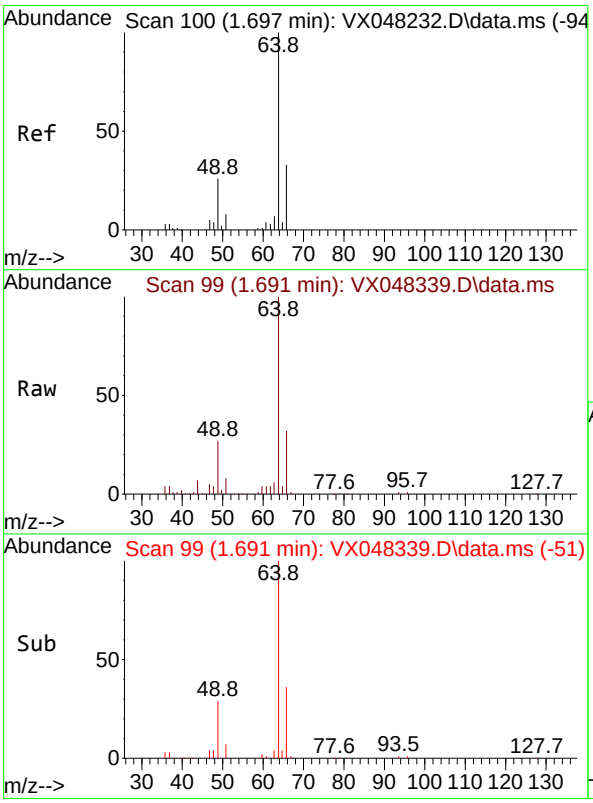

#5
Bromomethane
Concen: 40.909 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 94 Resp: 30849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.0 | 76.0 | 114.0 |

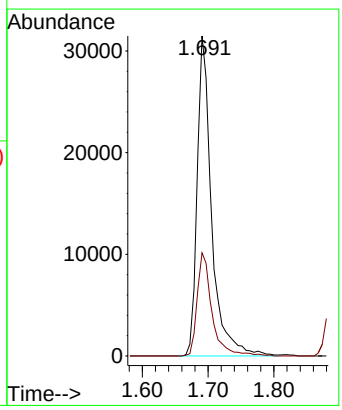


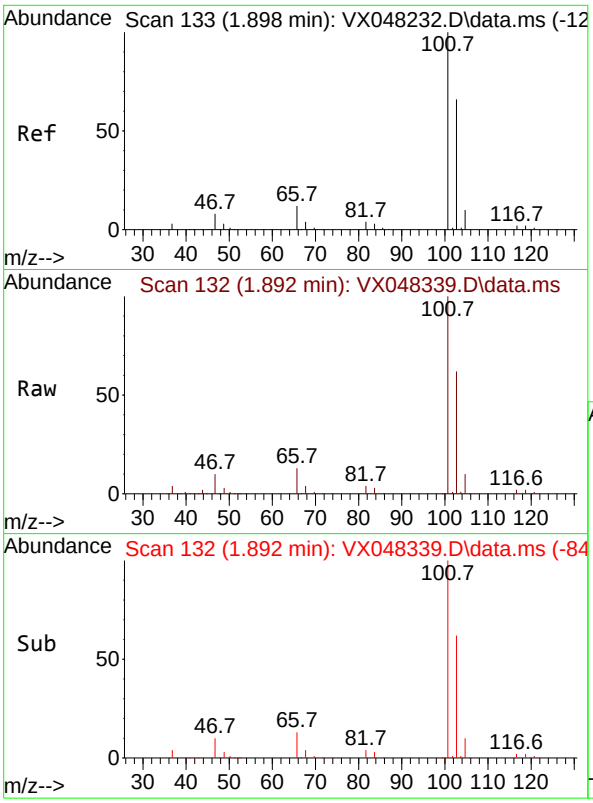




#6
Chloroethane
Concen: 73.704 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 64 Resp: 48125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.3 | 23.9 | 35.9 |



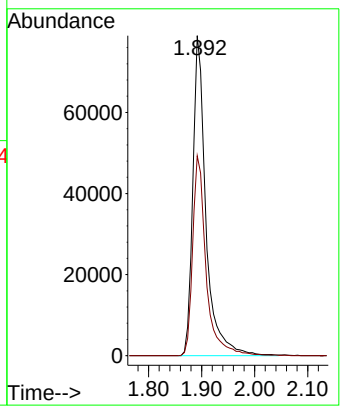


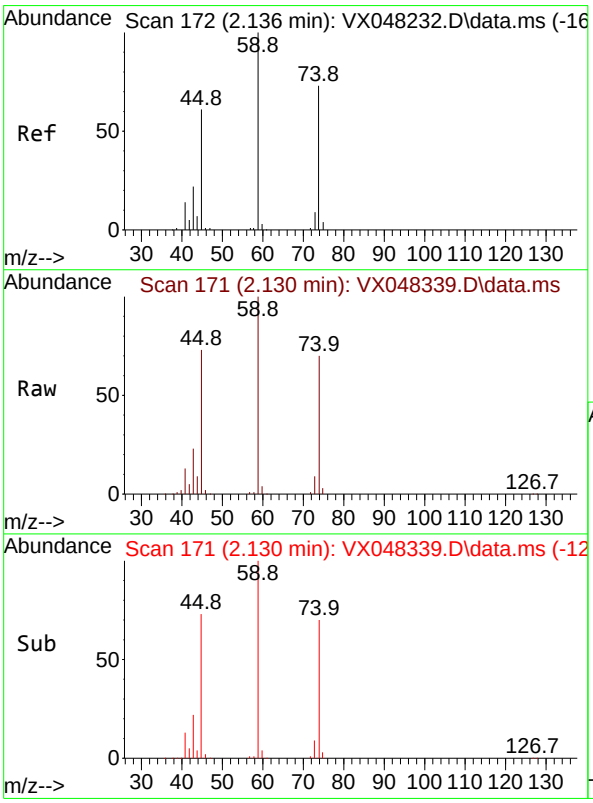

#7
Trichlorofluoromethane
Concen: 63.576 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 135485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.5 | 51.6 | 77.4 |

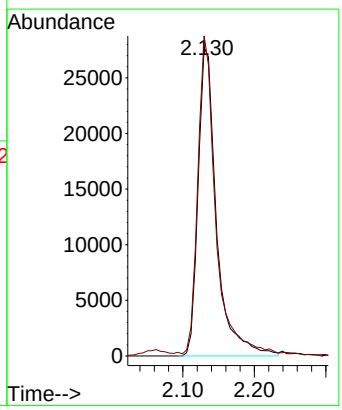


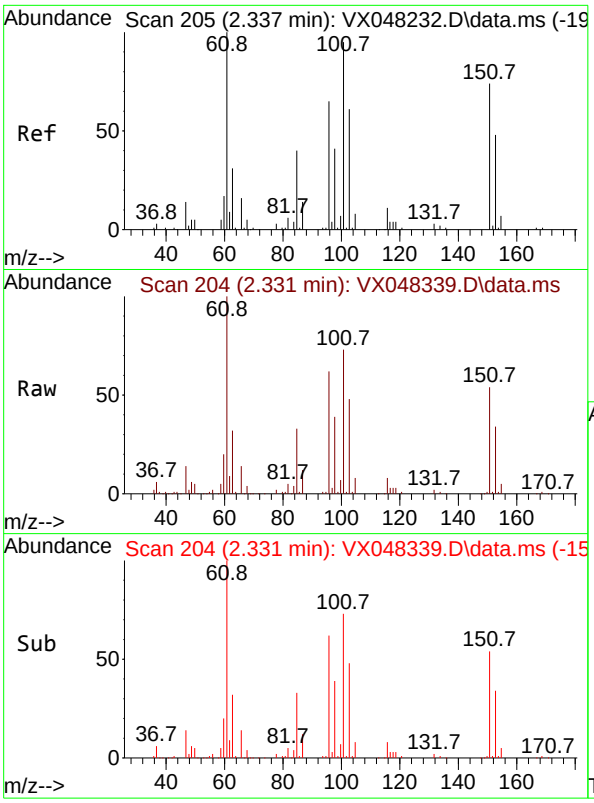




#8
Diethyl Ether
Concen: 82.980 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 74 Resp: 49757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 99.3 | 50.0 | 149.8 |



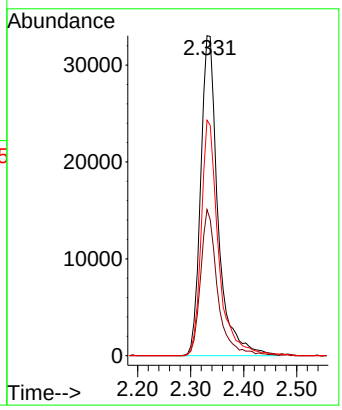


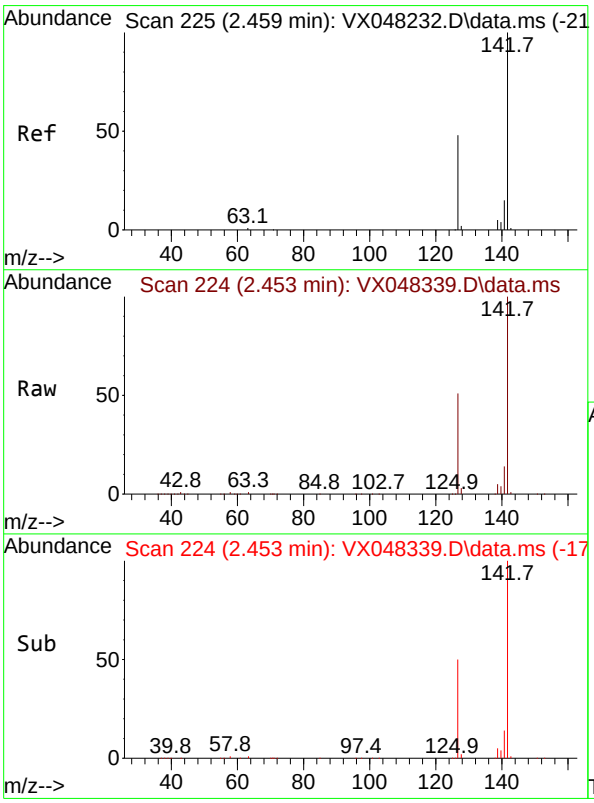

#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.546 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 74958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.1 | 35.6 | 53.4 |
| 151 | 73.7 | 58.0 | 87.0 |

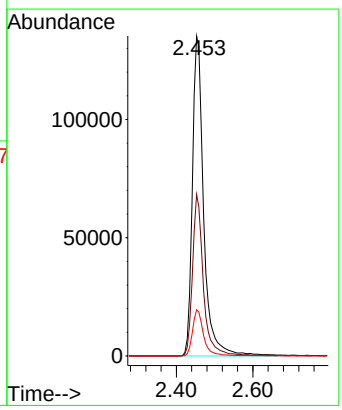


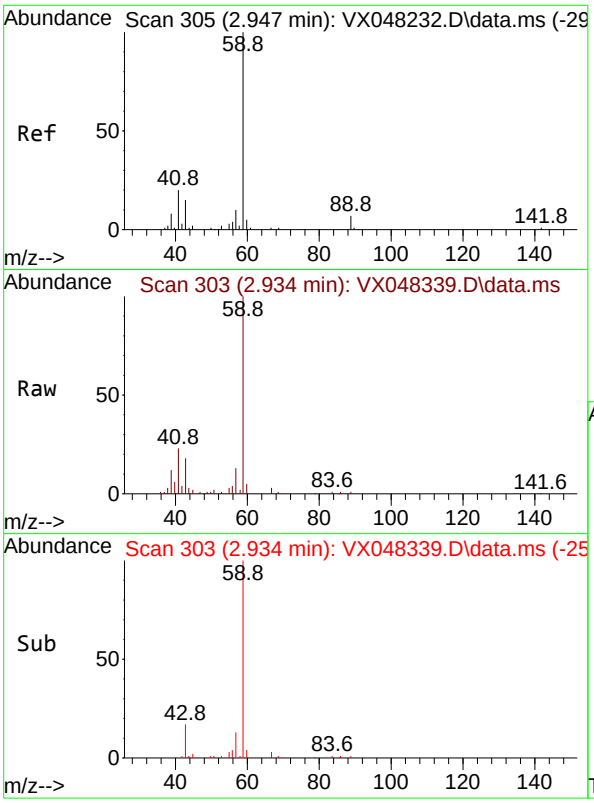




#10
Methyl Iodide
Concen: 164.198 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:142 Resp: 278558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.6 | 38.5 | 57.7 |
| 141 | 14.1 | 11.6 | 17.4 |



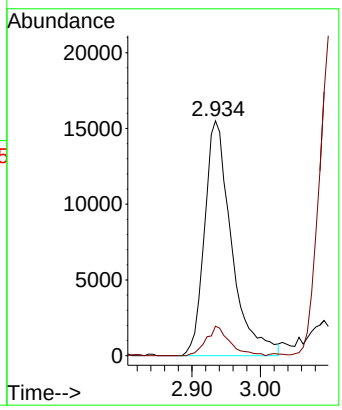


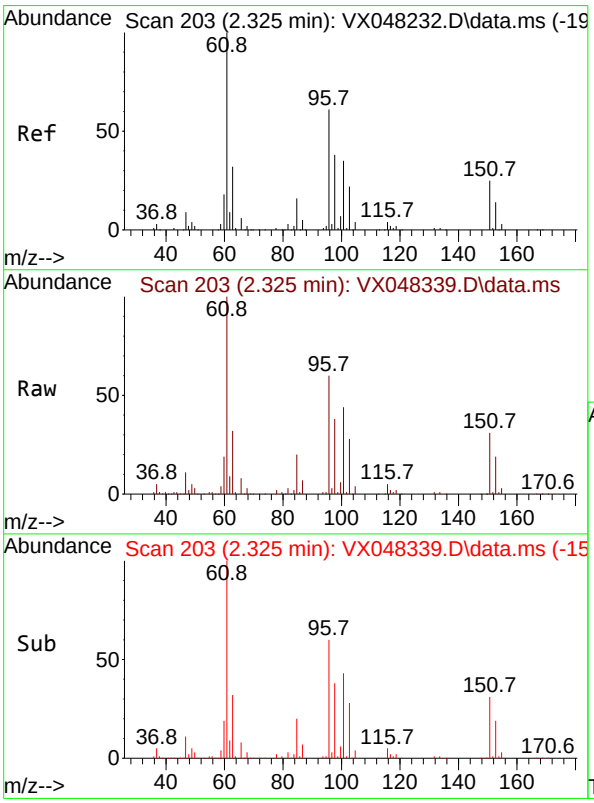

#11
Tert butyl alcohol
Concen: 244.130 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 59 Resp: 42499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.9 | 8.2 | 12.4 |

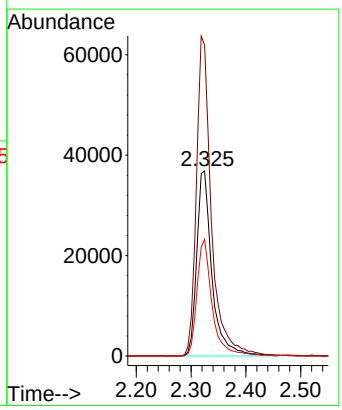


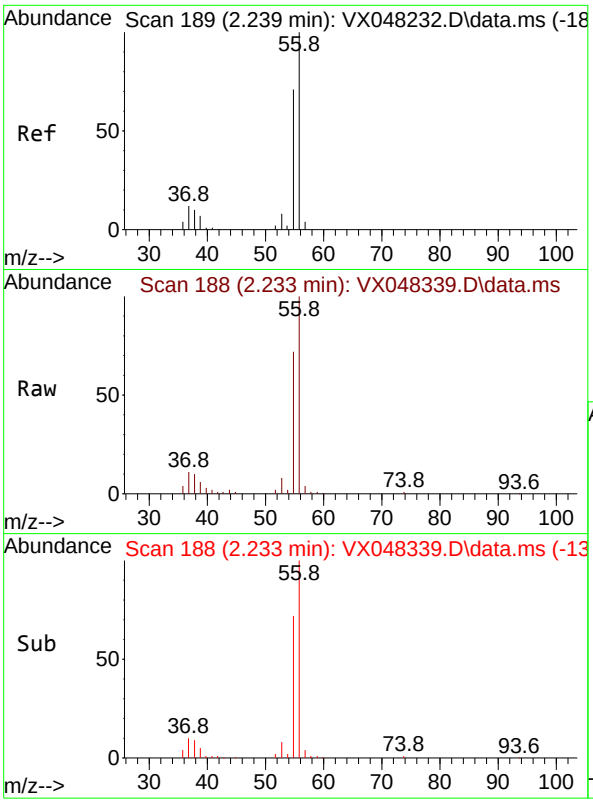




#12
1,1-Dichloroethene
Concen: 54.527 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 96 Resp: 71588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 168.0 | 139.0 | 208.6 |
| 98 | 63.1 | 52.4 | 78.6 |



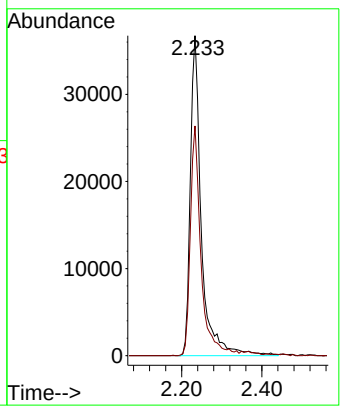


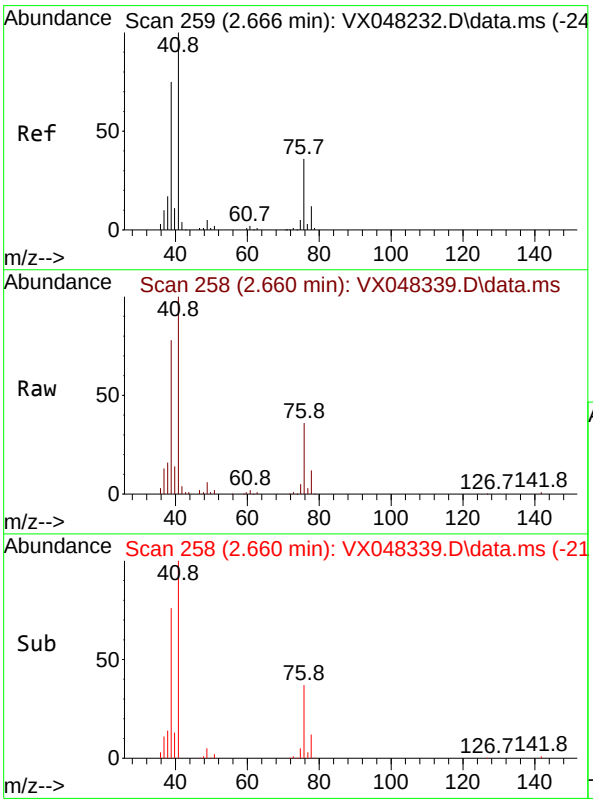

#13
Acrolein
Concen: 394.484 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 70039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.5 | 56.1 | 84.1 |

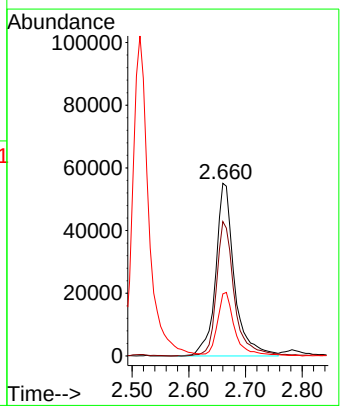


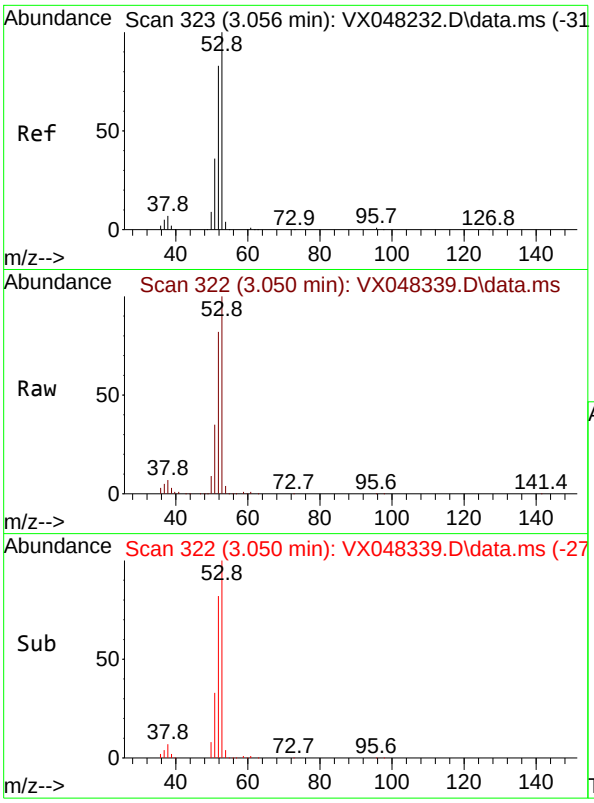




#14
Allyl chloride
Concen: 58.086 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 41 Resp: 126613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 74.8 | 56.0 | 84.0 |
| 76 | 34.1 | 27.5 | 41.3 |



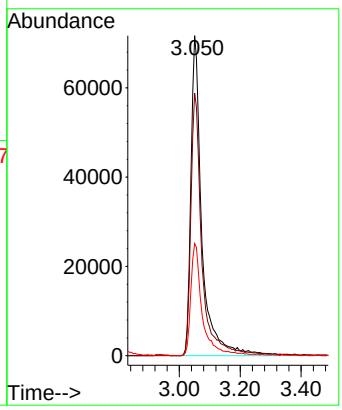


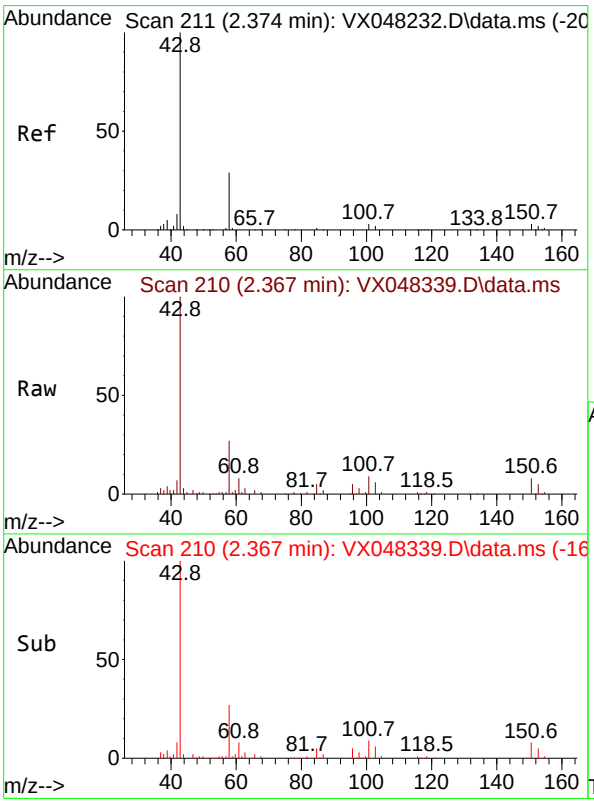

#15
Acrylonitrile
Concen: 287.081 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 53 Resp: 180209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.7 | 66.1 | 99.1 |
| 51 | 36.9 | 29.0 | 43.4 |

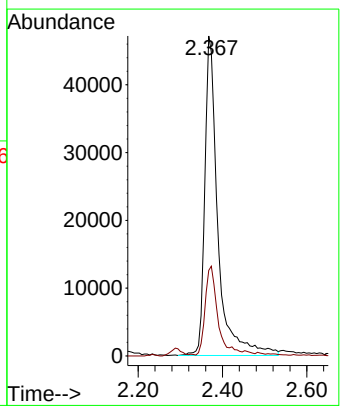


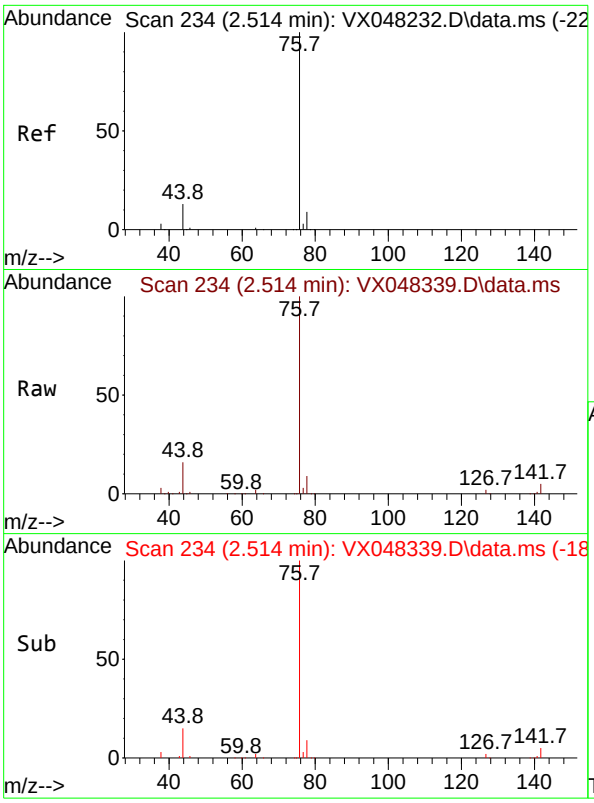




#16
Acetone
Concen: 169.814 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 102142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.3 | 23.4 | 35.2 |



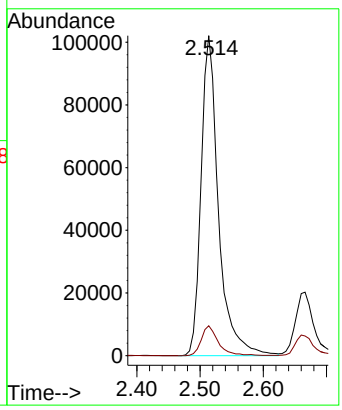


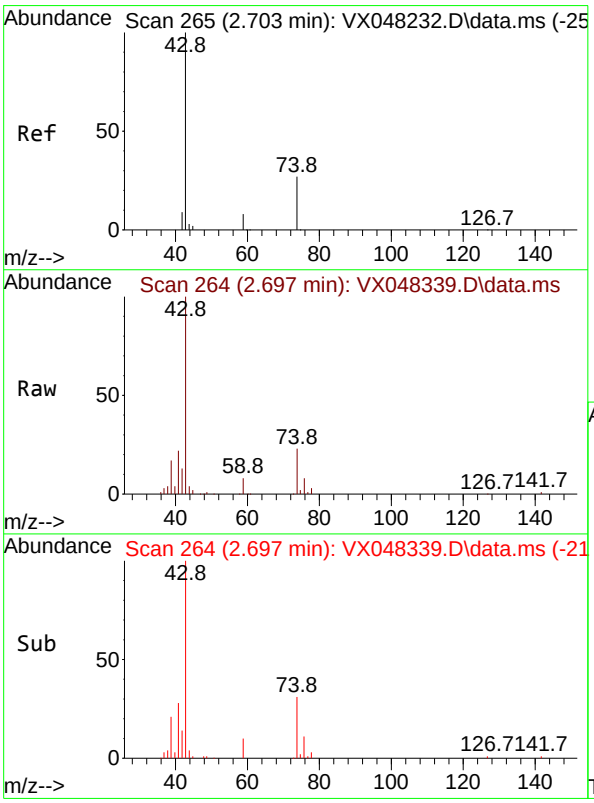

#17
Carbon Disulfide
Concen: 47.388 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 196078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.4 | 7.1 | 10.7 |

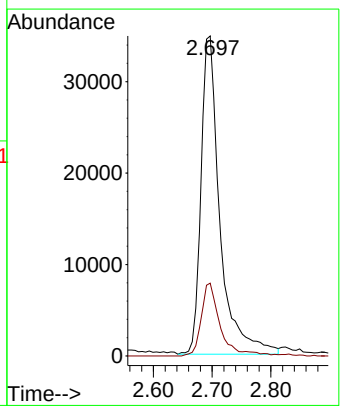


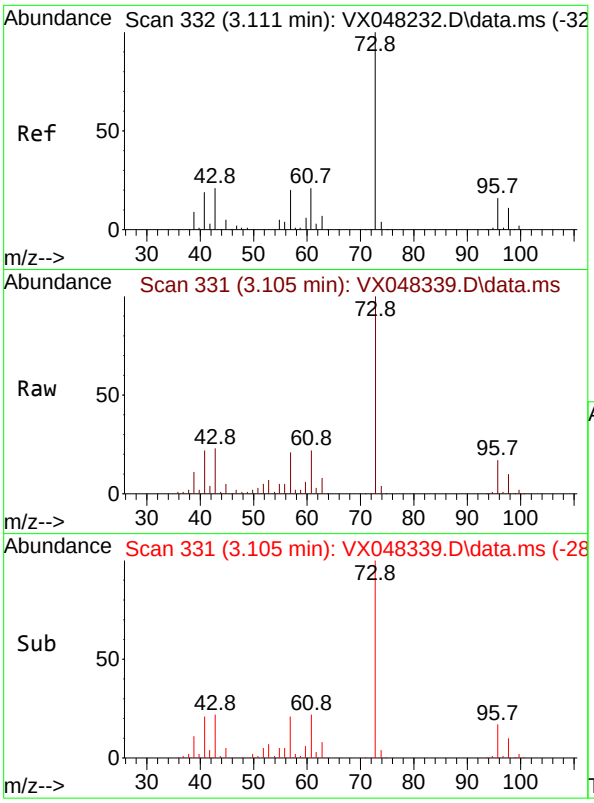




#18
Methyl Acetate
Concen: 62.192 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 78123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.9 | 17.5 | 26.3 |



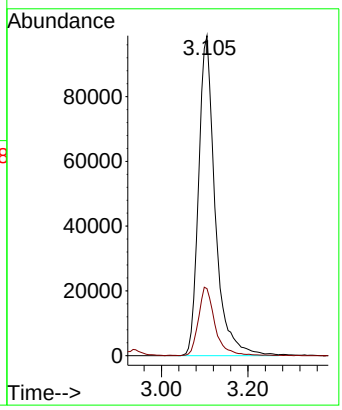


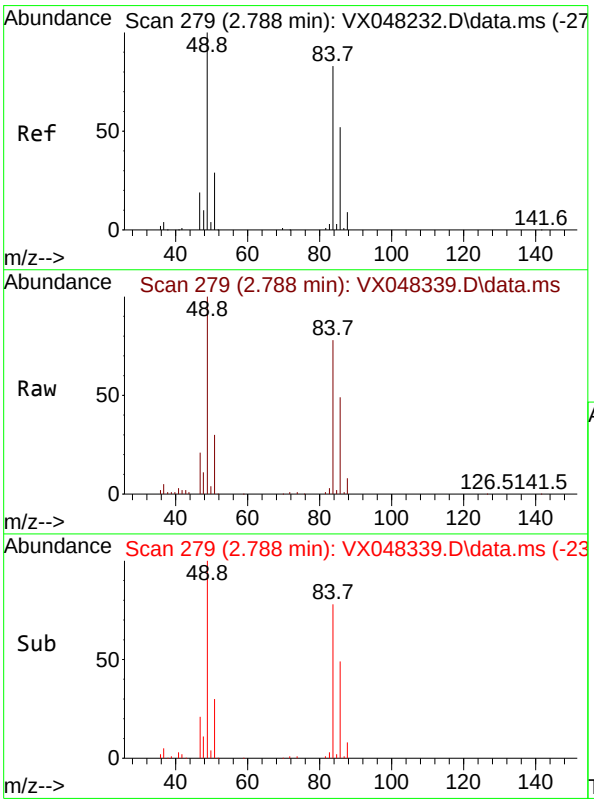

#19
Methyl tert-butyl Ether
Concen: 58.527 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 73 Resp: 262138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.9 | 17.7 | 26.5 |

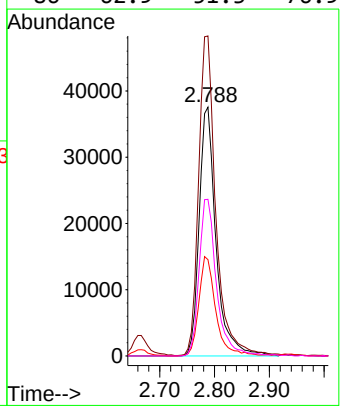


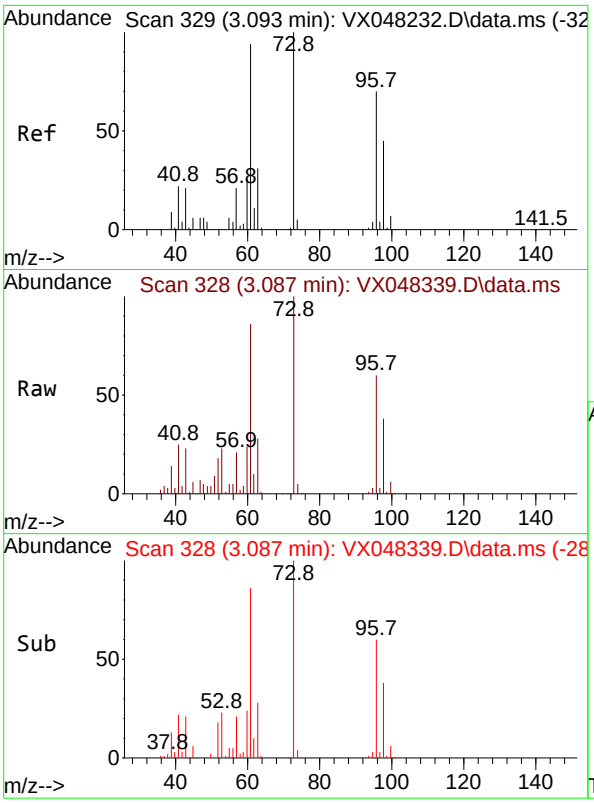




#20
Methylene Chloride
Concen: 55.018 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 84 Resp: 80635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 128.4 | 104.1 | 156.1 |
| 51 | 38.7 | 31.3 | 46.9 |
| 86 | 62.9 | 51.3 | 76.9 |



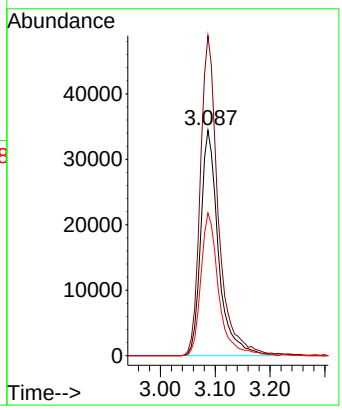


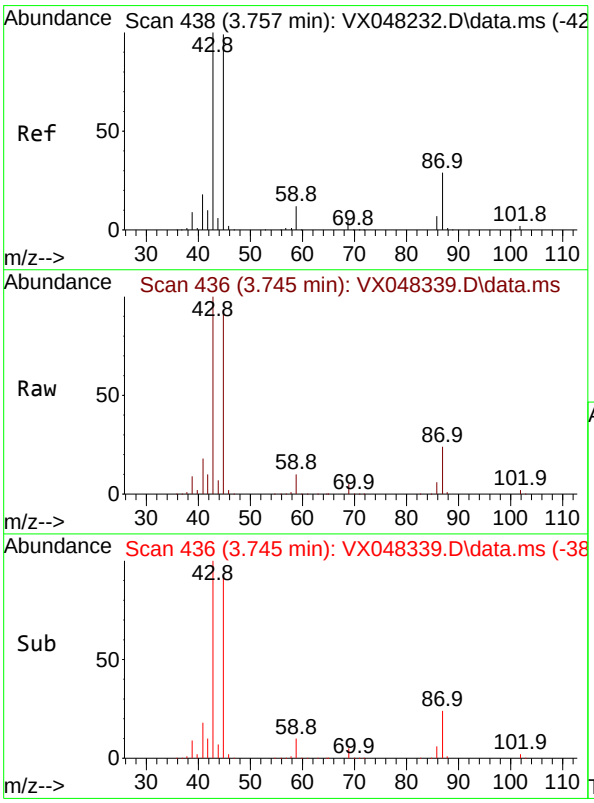

#21
trans-1,2-Dichloroethene
Concen: 53.552 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 77229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.0 | 111.9 | 167.9 |
| 98 | 64.9 | 51.2 | 76.8 |

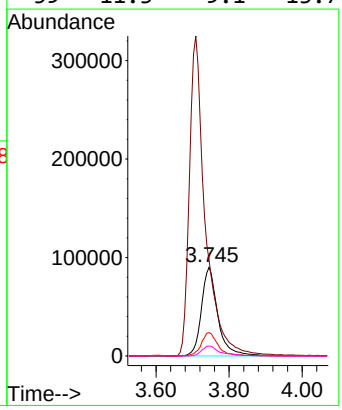


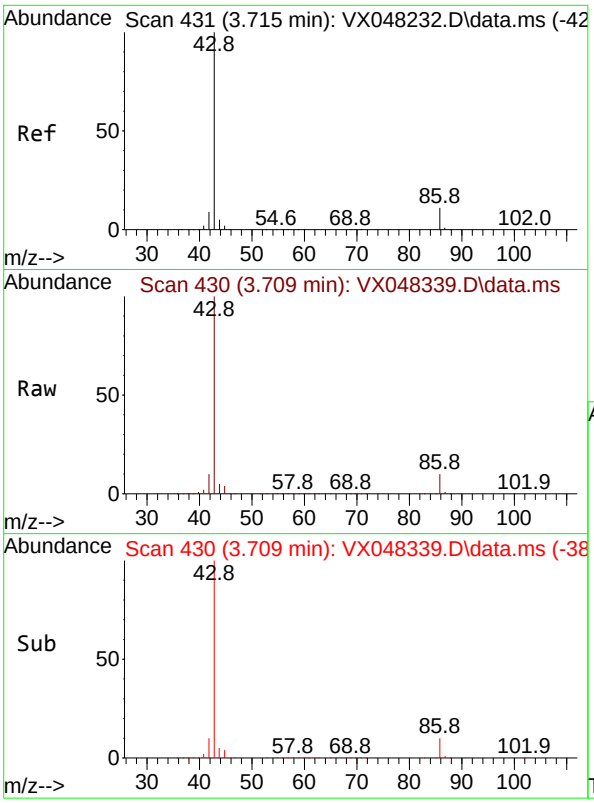




#22
Diisopropyl ether
Concen: 64.418 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 45 Resp: 280059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 107.3 | 89.8 | 134.8 |
| 87 | 26.4 | 20.6 | 31.0 |
| 59 | 11.3 | 9.1 | 13.7 |



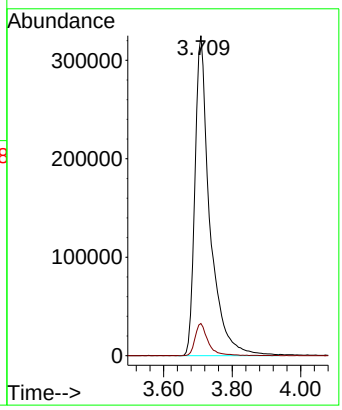


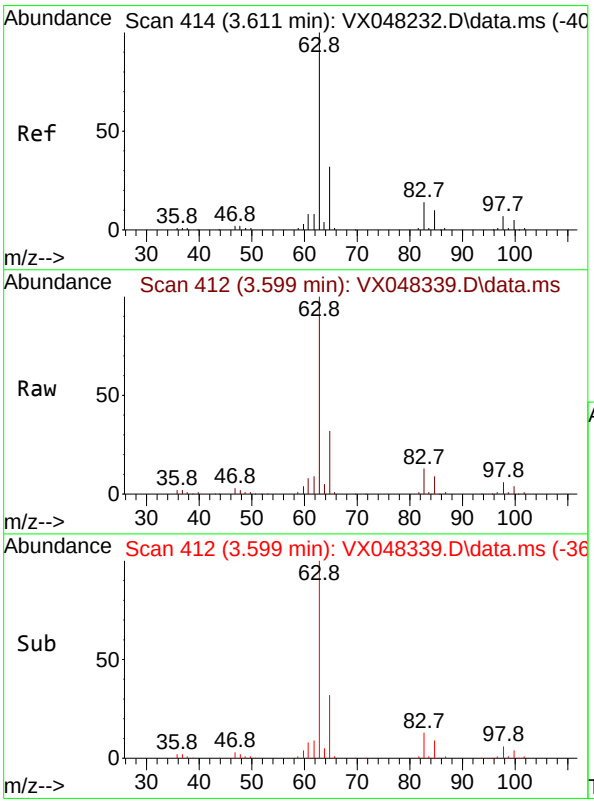

#23
Vinyl Acetate
Concen: 284.432 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 987789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.0 | 7.9 | 11.9 |

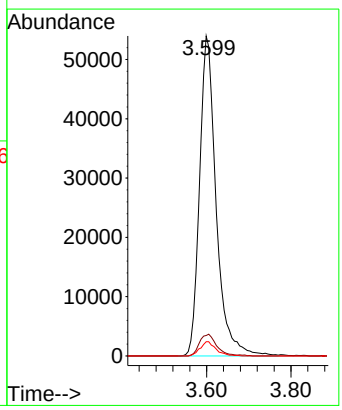


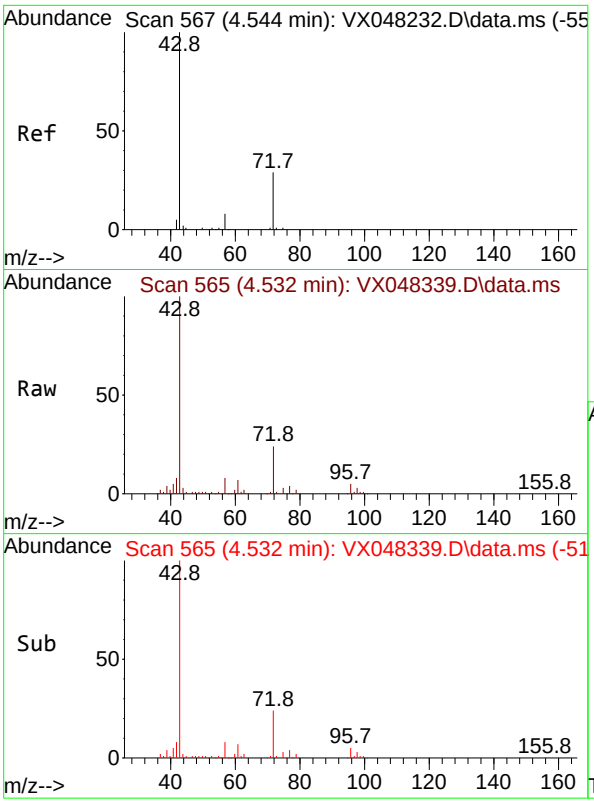




#24
1,1-Dichloroethane
Concen: 56.341 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 63 Resp: 148111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.4 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |



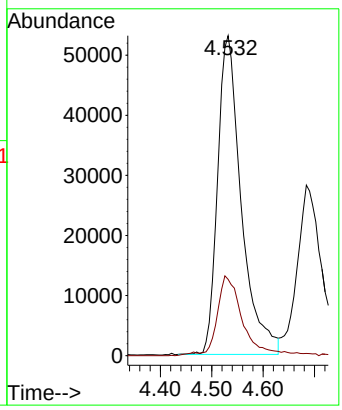


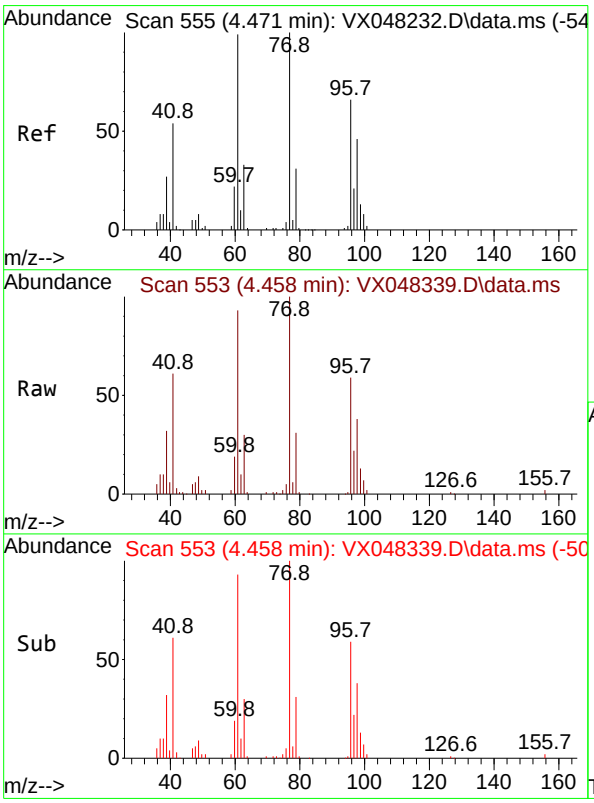

#25
2-Butanone
Concen: 222.811 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 169634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.0 | 19.9 | 29.9 |

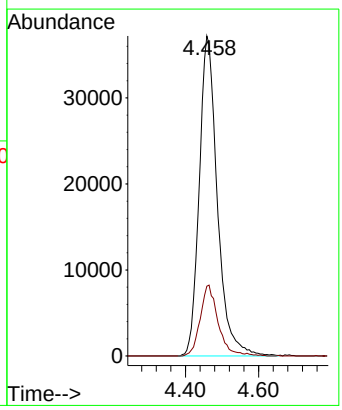


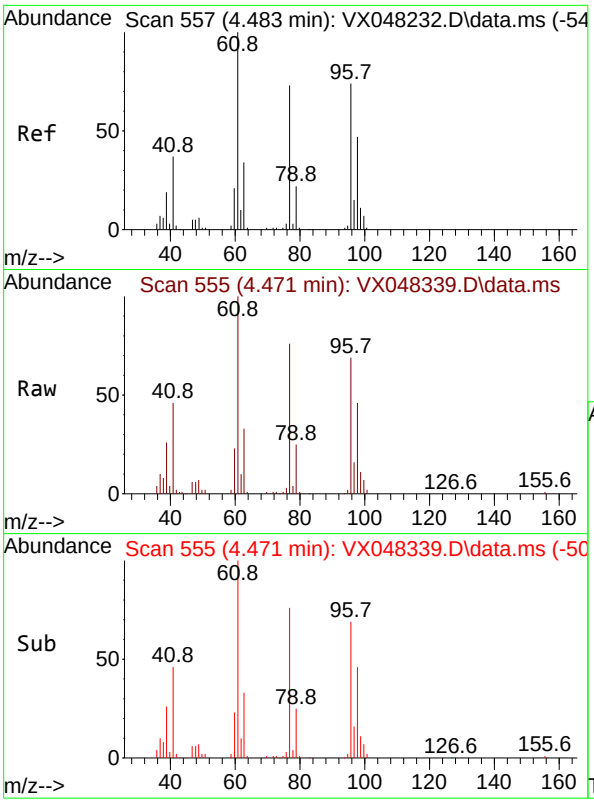




#26
2,2-Dichloropropane
Concen: 53.987 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 77 Resp: 128101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.0 | 11.1 | 33.3 |



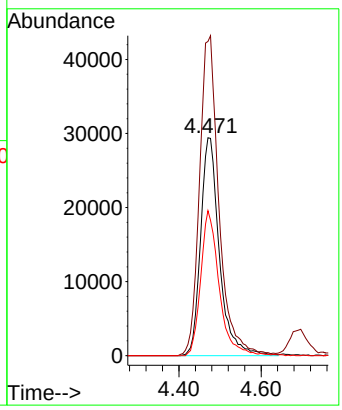


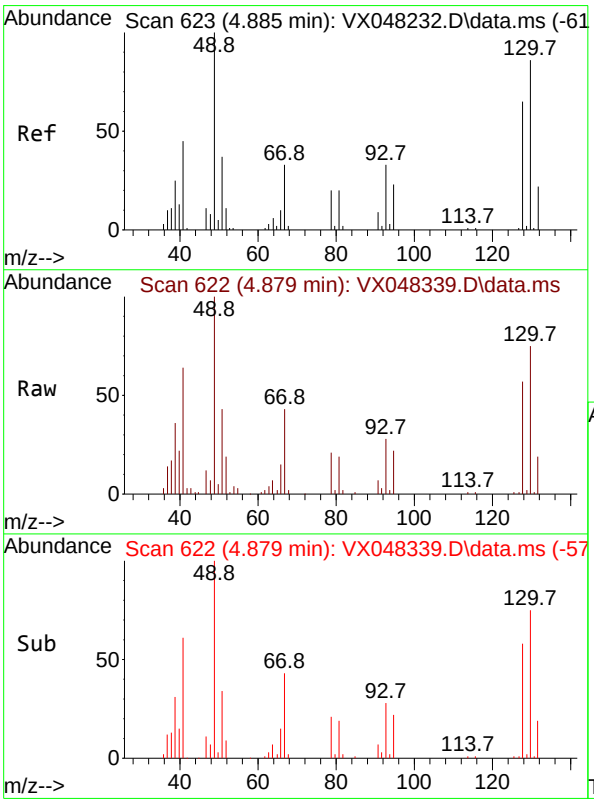

#27
cis-1,2-Dichloroethene
Concen: 55.383 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 93213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.3 | 0.0 | 294.2 |
| 98 | 64.9 | 0.0 | 128.4 |

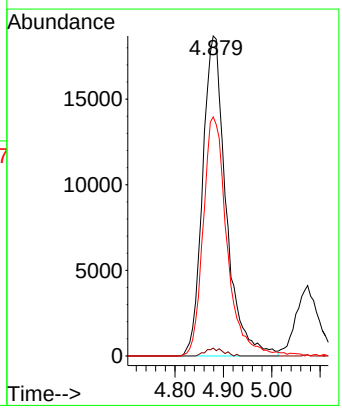


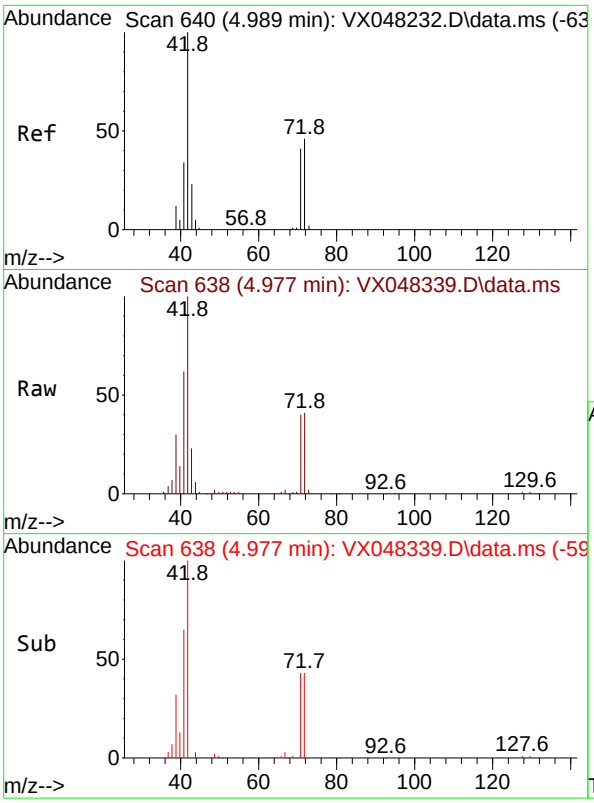




#28
Bromochloromethane
Concen: 57.651 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 49 Resp: 62840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 4.4 |
| 130 | 75.9 | 59.3 | 88.9 |



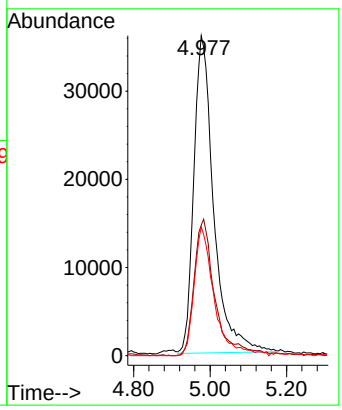


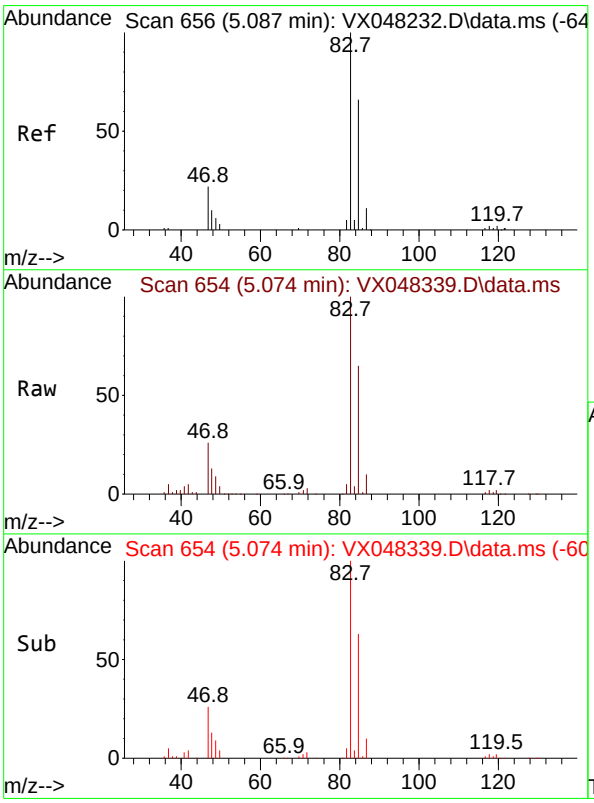

#29
Tetrahydrofuran
Concen: 284.809 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 42 Resp: 129863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.9 | 35.3 | 52.9 |
| 71 | 40.1 | 32.2 | 48.4 |

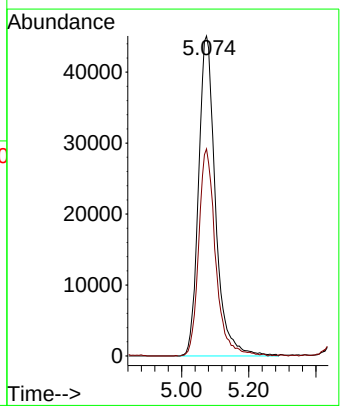


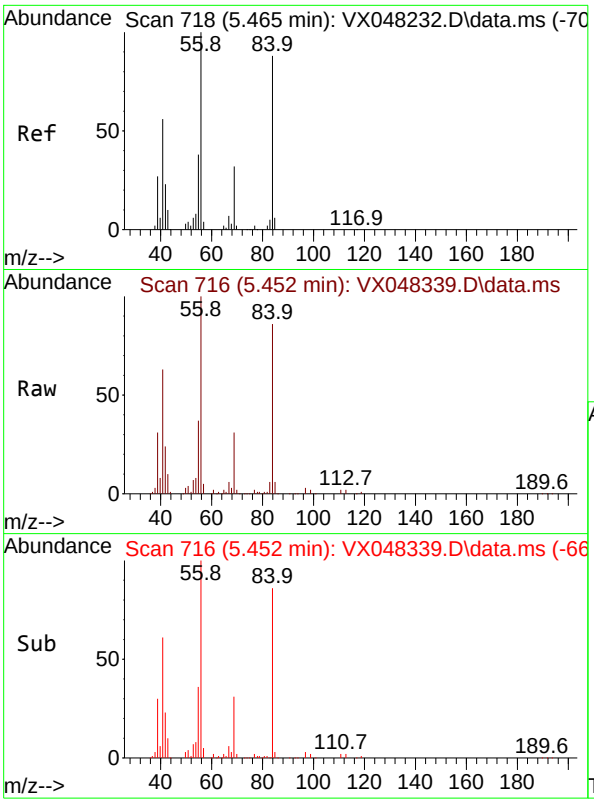




#30
Chloroform
Concen: 56.158 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 83 Resp: 157726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 50.1 | 75.1 |



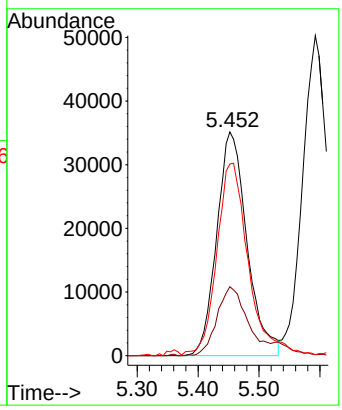


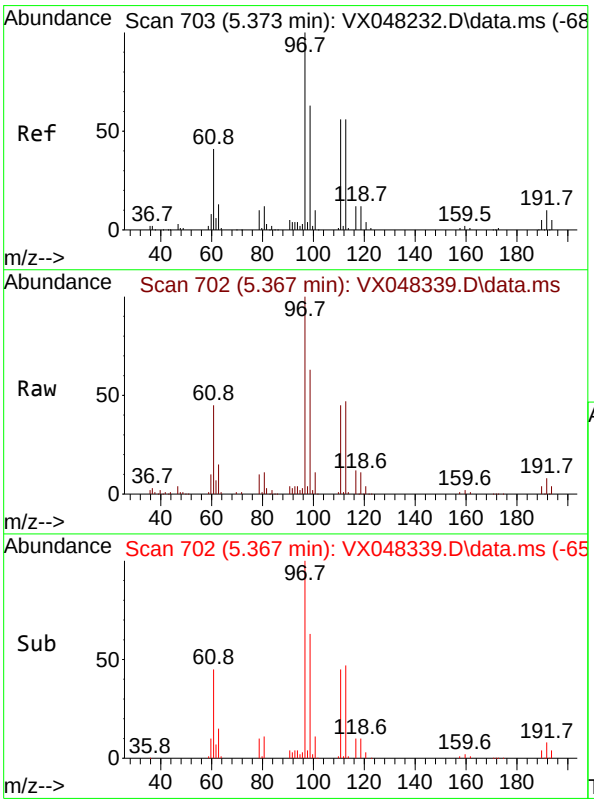

#31
Cyclohexane
Concen: 55.630 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 121074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.2 | 23.0 | 34.6 |
| 84 | 83.5 | 64.6 | 97.0 |

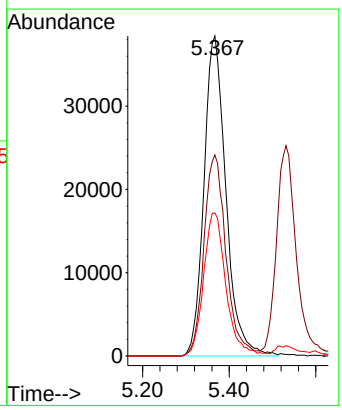


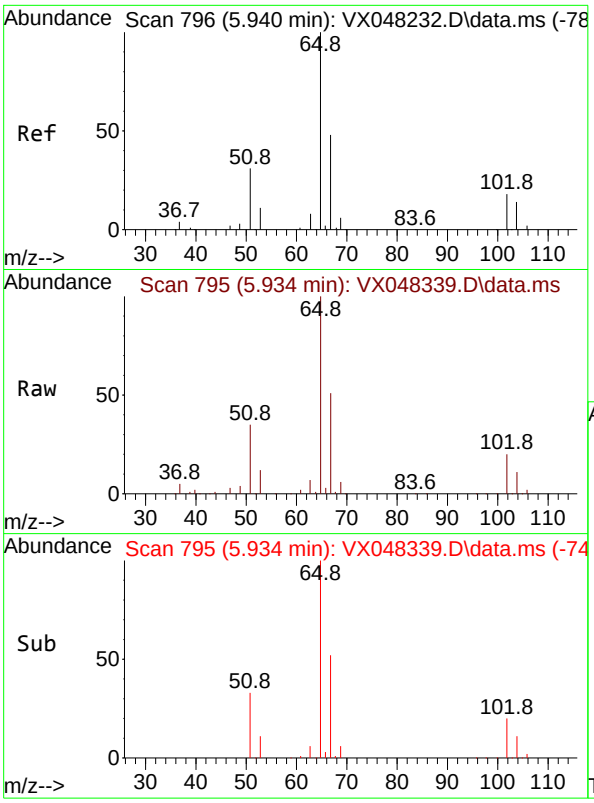




#32
1,1,1-Trichloroethane
Concen: 52.310 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 97 Resp: 135402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.3 | 51.7 | 77.5 |
| 61 | 45.6 | 34.8 | 52.2 |



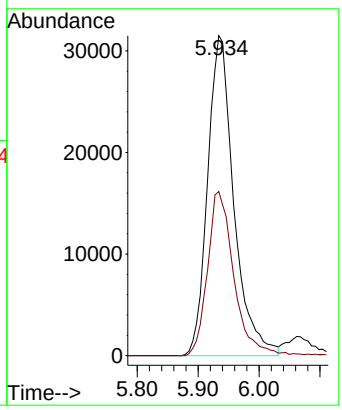


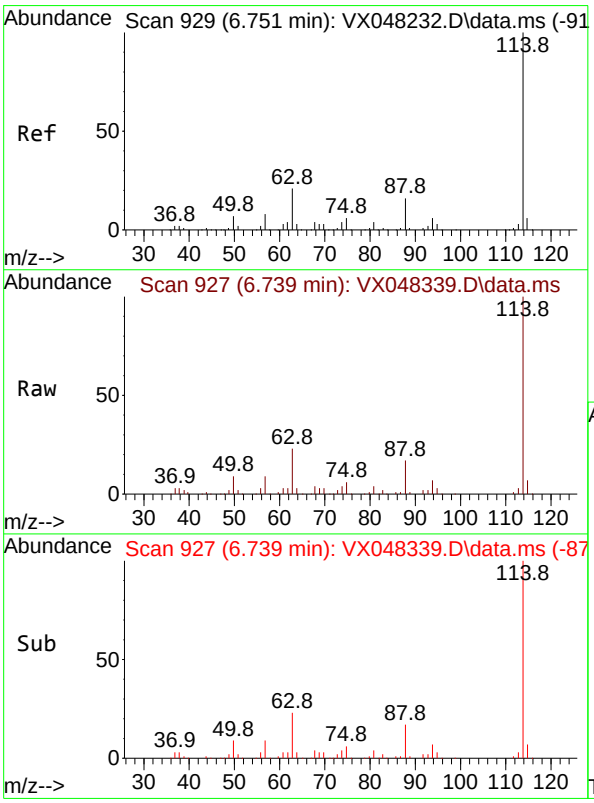

#33
1,2-Dichloroethane-d4
Concen: 53.755 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 65 Resp: 94250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.6 | 0.0 | 105.0 |

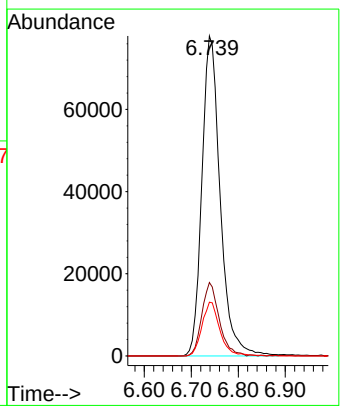


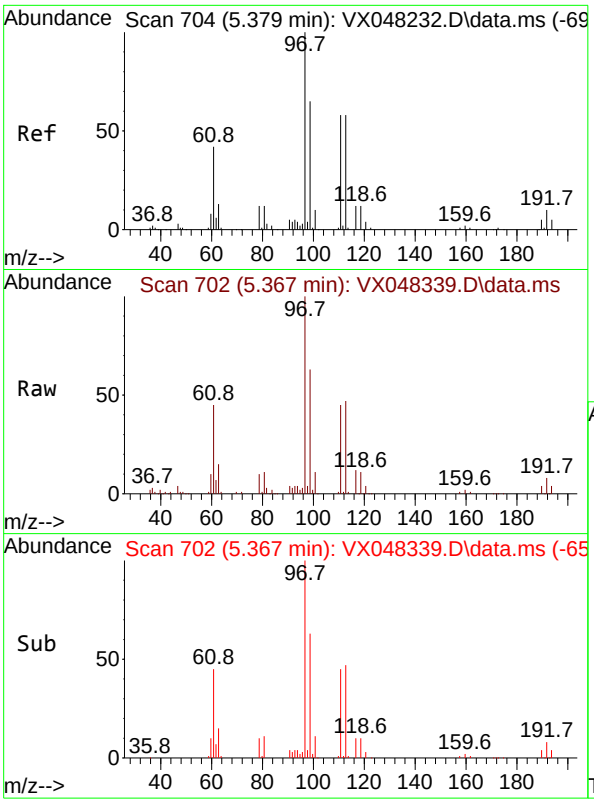




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:114 Resp: 210685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.0 | 0.0 | 43.2 |
| 88 | 16.8 | 0.0 | 33.6 |



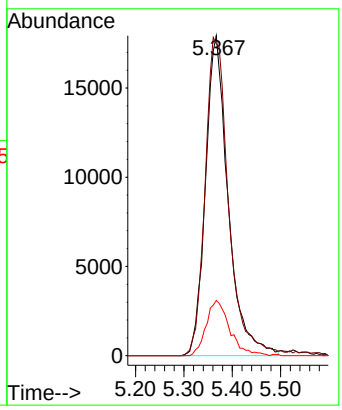


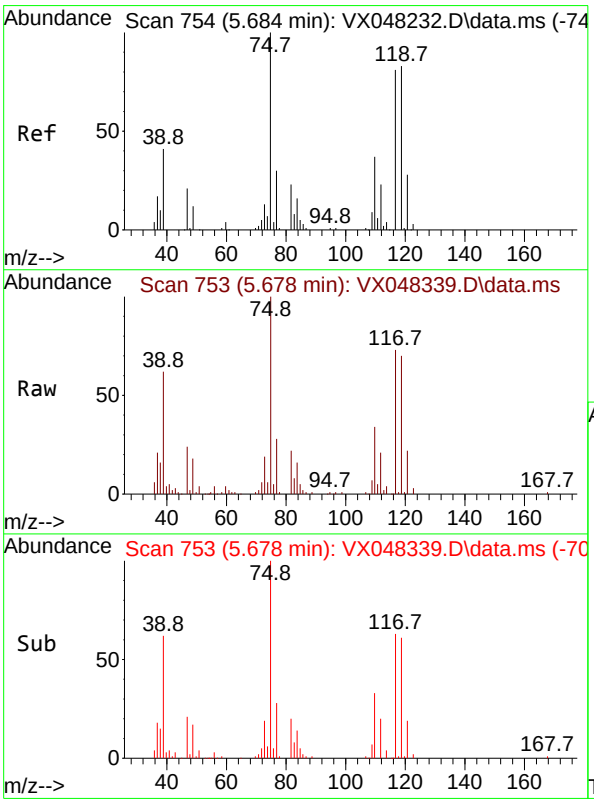

#35
Dibromofluoromethane
Concen: 40.612 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:113 Resp: 58414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.4 | 82.2 | 123.4 |
| 192 | 17.9 | 15.1 | 22.7 |

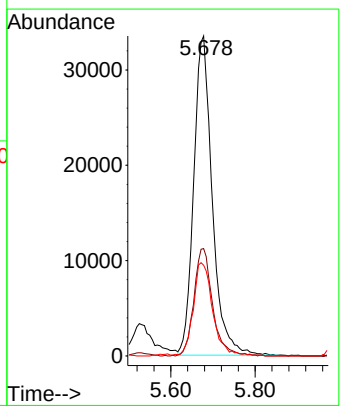


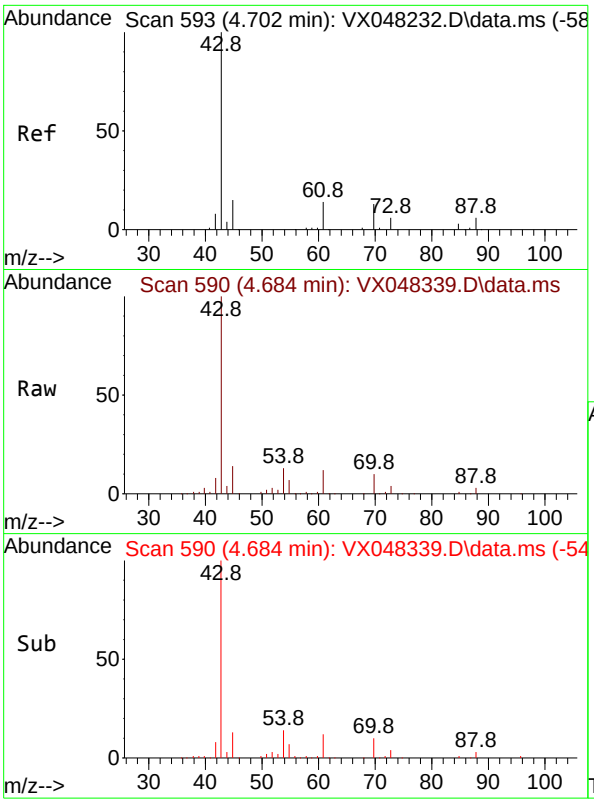




#36
1,1-Dichloropropene
Concen: 50.154 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 102532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.0 | 17.7 | 53.1 |
| 77 | 29.8 | 24.3 | 36.5 |



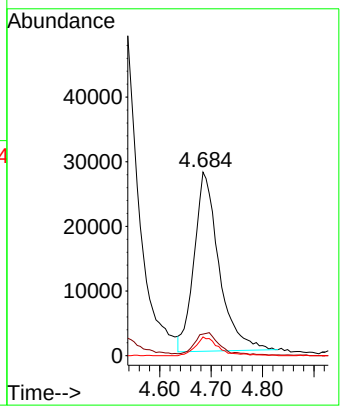


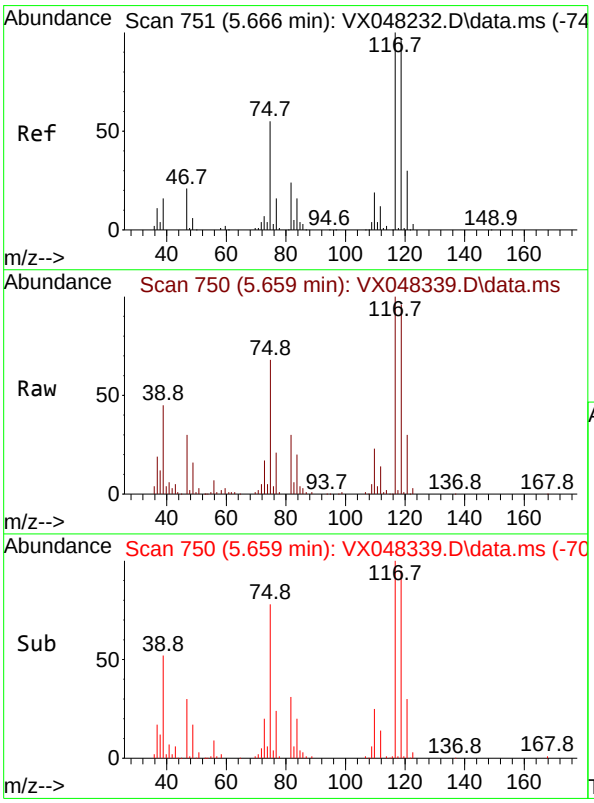

#37
Ethyl Acetate
Concen: 54.873 ug/l
RT: 4.684 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 92982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.5 | 10.6 | 15.8 |
| 70 | 9.7 | 7.8 | 11.6 |

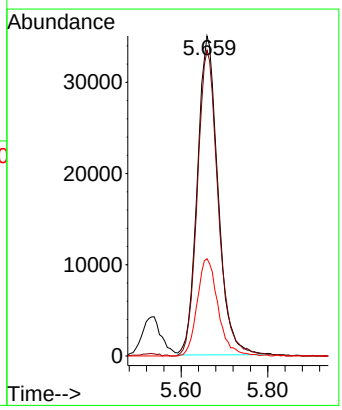


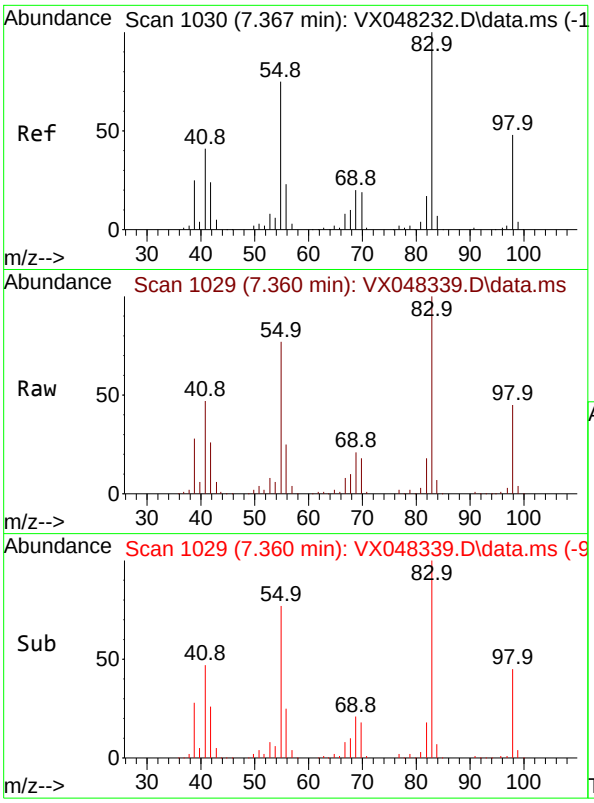




#38
Carbon Tetrachloride
Concen: 45.939 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:117 Resp: 115868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 77.2 | 115.8 |
| 121 | 30.5 | 24.8 | 37.2 |



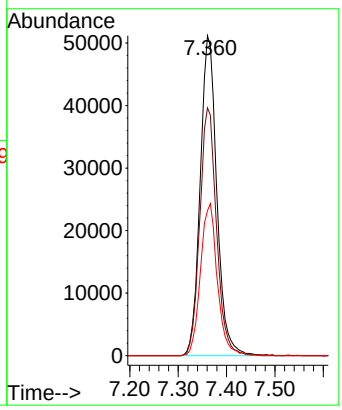


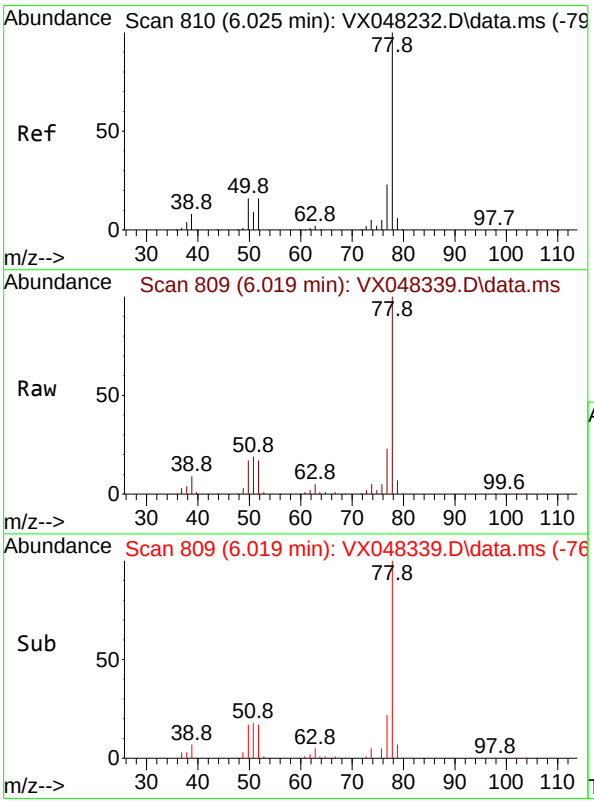

#39
Methylcyclohexane
Concen: 50.618 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 122210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 77.5 | 66.2 | 99.2 |
| 98 | 45.3 | 38.9 | 58.3 |

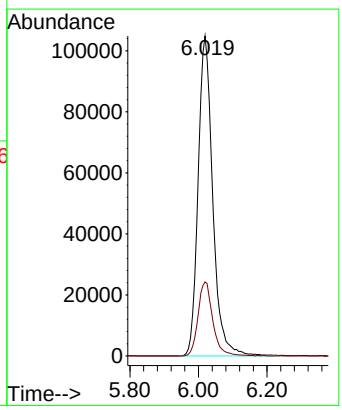


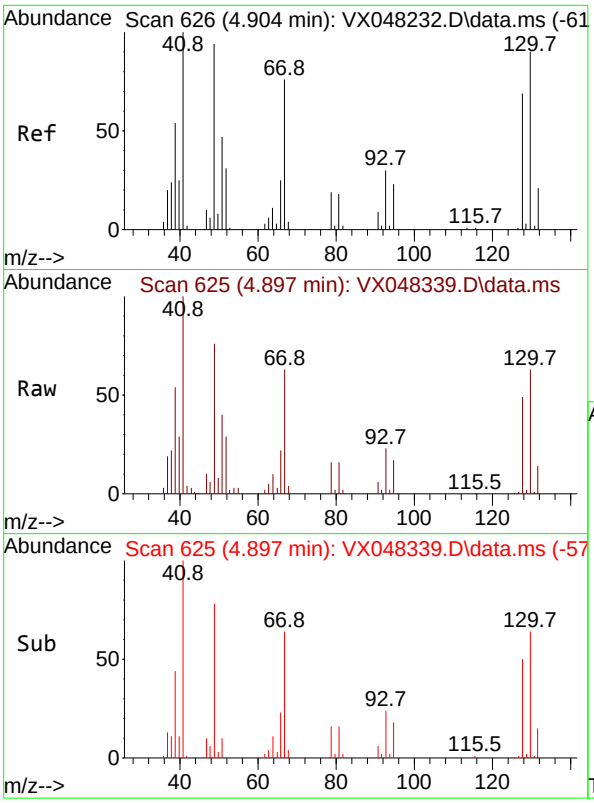




#40
Benzene
Concen: 52.544 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 78 Resp: 311870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.2 | 19.3 | 28.9 |



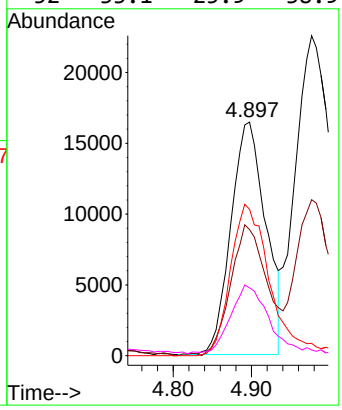


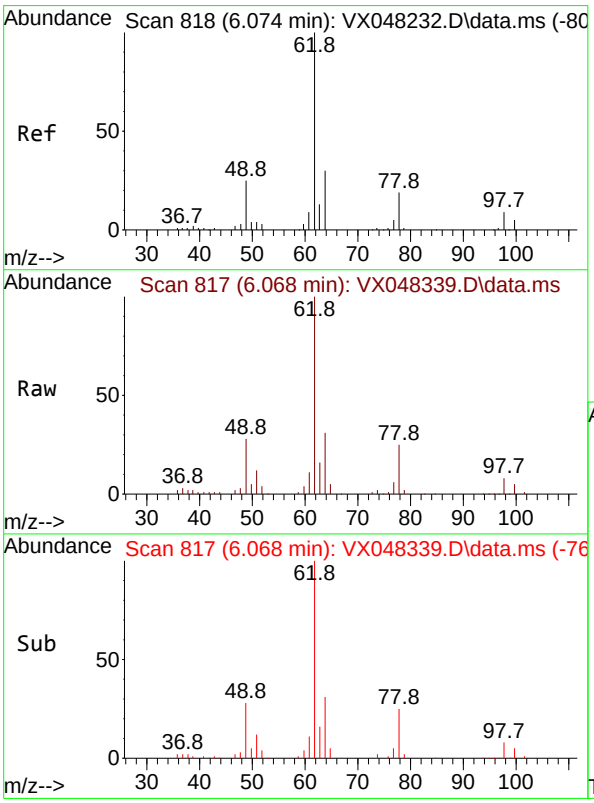

#41
Methacrylonitrile
Concen: 57.081 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 41 Resp: 50795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 59.2 | 44.0 | 66.0 |
| 67 | 76.4 | 58.7 | 88.1 |
| 52 | 33.1 | 25.9 | 38.9 |

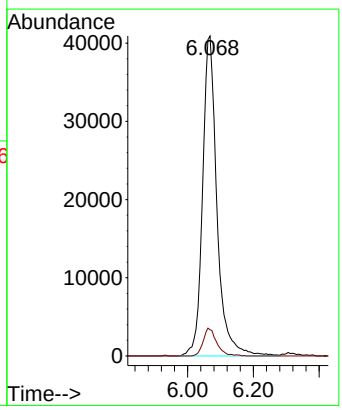


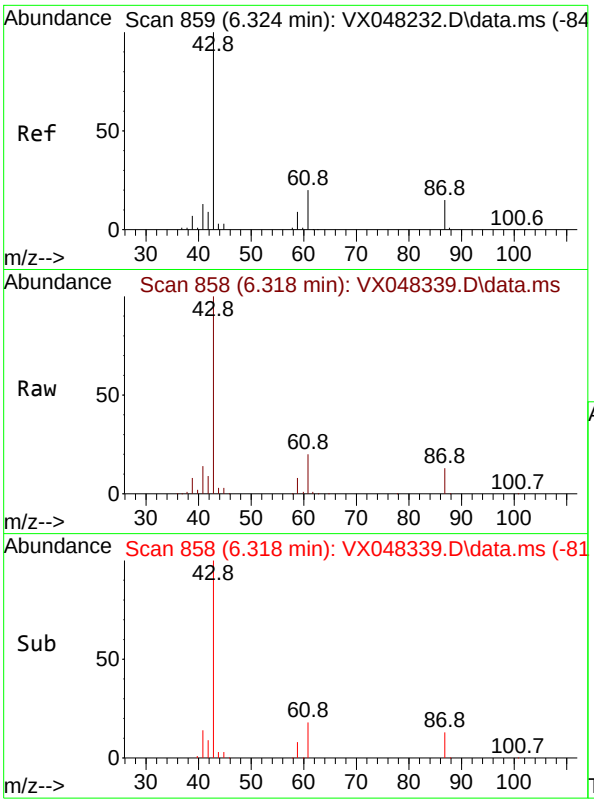




#42
1,2-Dichloroethane
Concen: 56.900 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 124623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.2 | 0.0 | 17.2 |



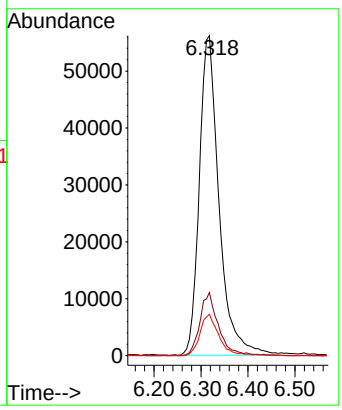


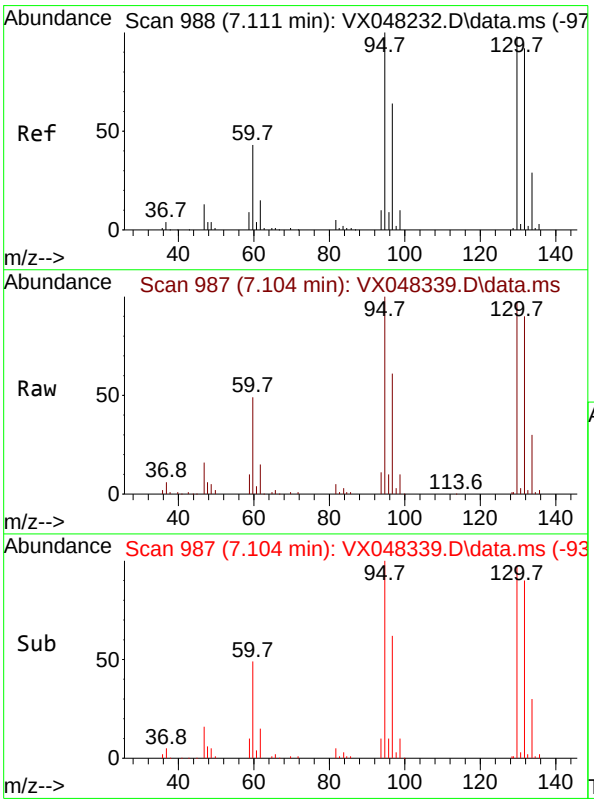

#43
Isopropyl Acetate
Concen: 58.836 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 163763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.8 | 14.9 | 22.3 |
| 87 | 12.5 | 9.4 | 14.2 |

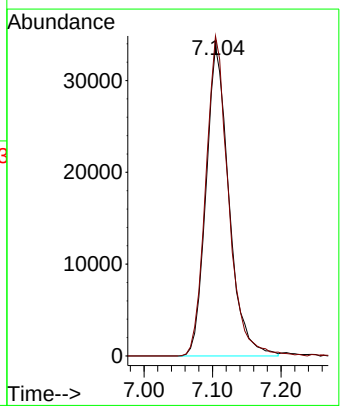


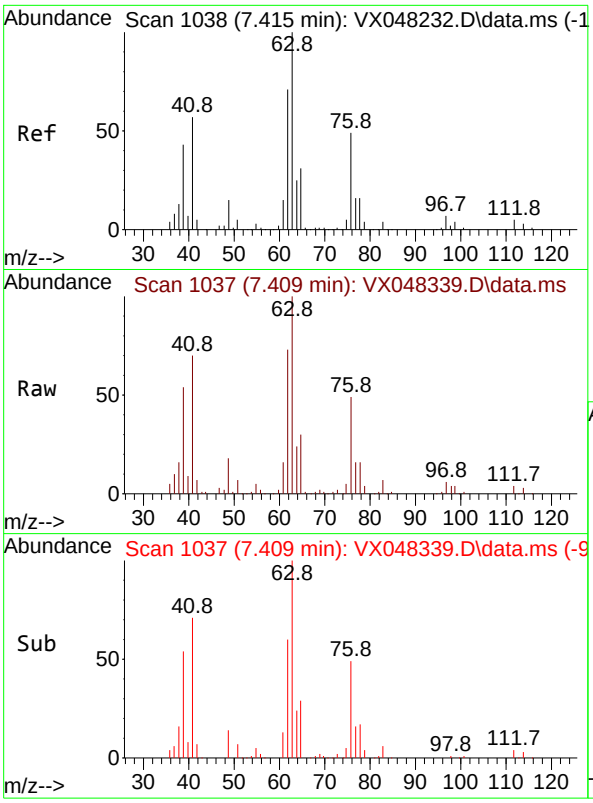




#44
Trichloroethene
Concen: 50.249 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:130 Resp: 78753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 103.4 | 0.0 | 200.6 |



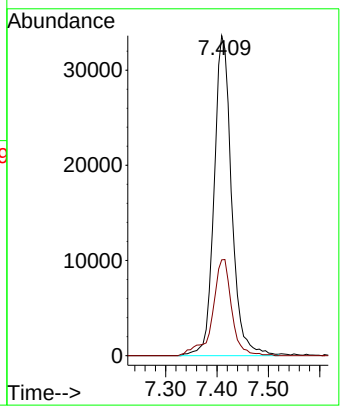


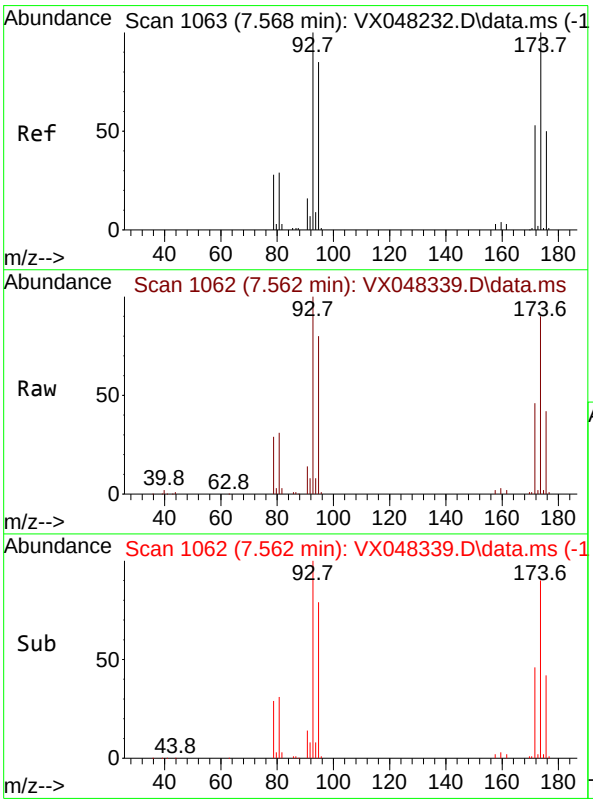

#45
1,2-Dichloropropane
Concen: 56.442 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 63 Resp: 79649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.9 | 24.1 | 36.1 |

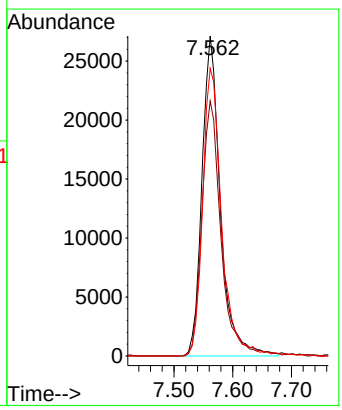


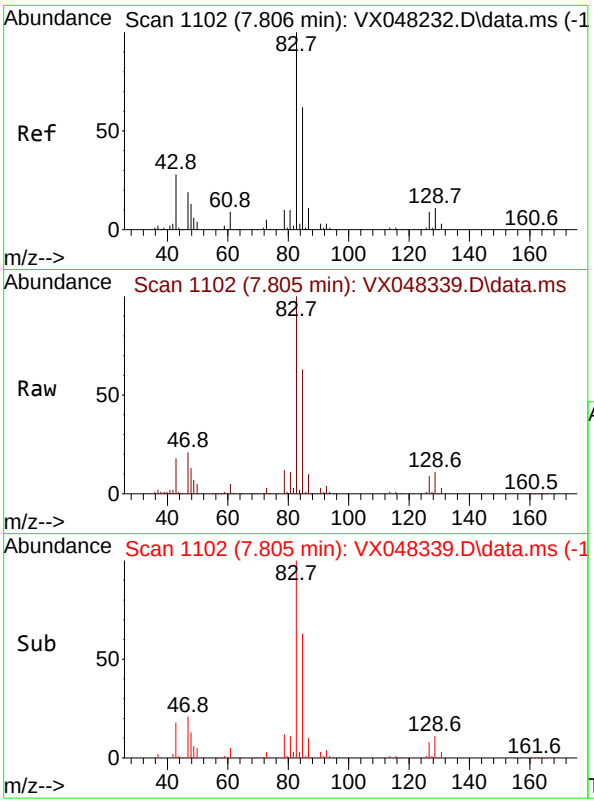




#46
Dibromomethane
Concen: 53.679 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 93 Resp: 59016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.1 | 65.9 | 98.9 |
| 174 | 92.8 | 71.7 | 107.5 |



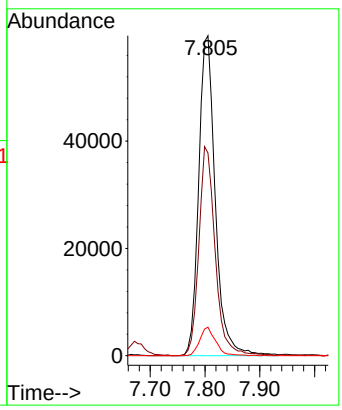


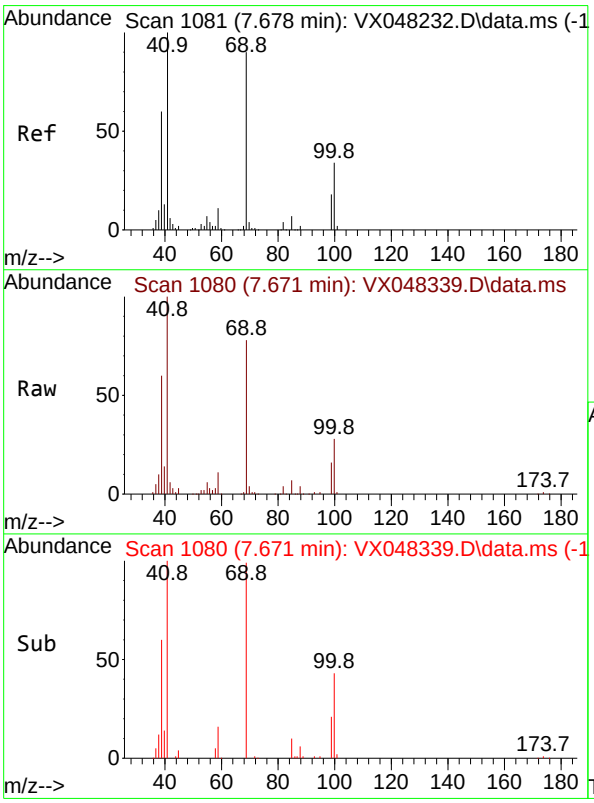

#47
Bromodichloromethane
Concen: 52.892 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 125556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.4 | 52.2 | 78.4 |
| 127 | 8.9 | 7.3 | 10.9 |

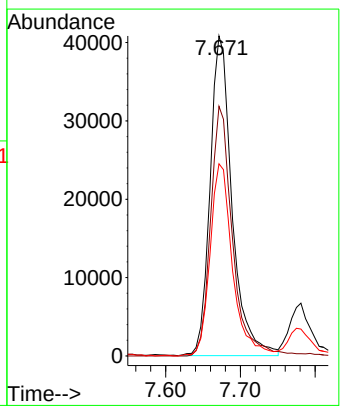


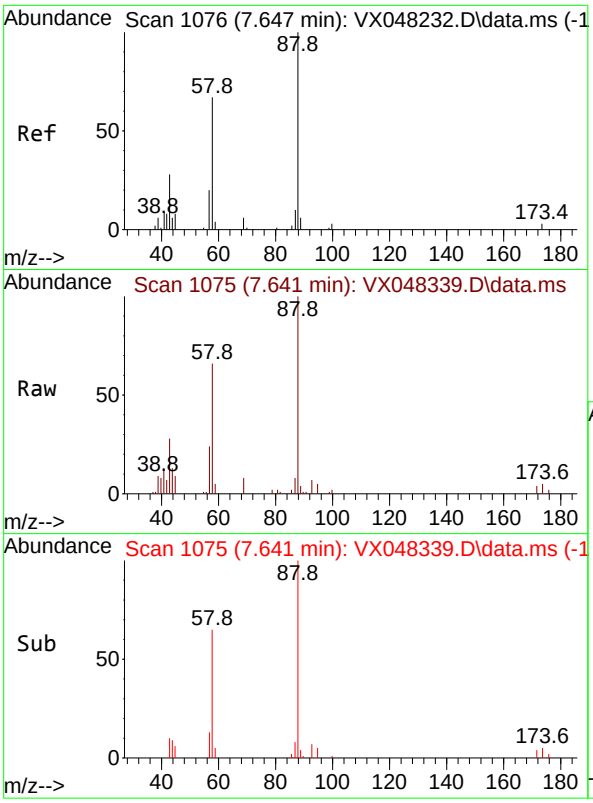




#48
Methyl methacrylate
Concen: 59.262 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 41 Resp: 83235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 78.5 | 63.4 | 95.0 |
| 39 | 61.5 | 47.1 | 70.7 |



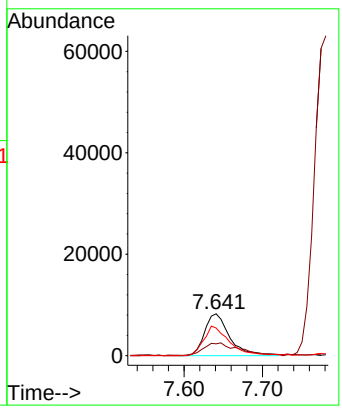


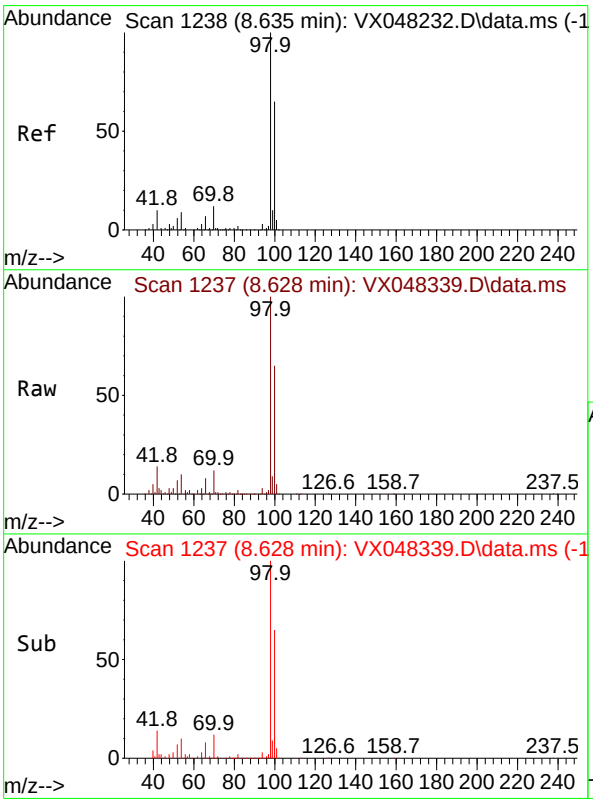

#49
1,4-Dioxane
Concen: 986.597 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 88 Resp: 18307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 44.0 | 35.0 | 52.4 |
| 58 | 72.1 | 61.9 | 92.9 |

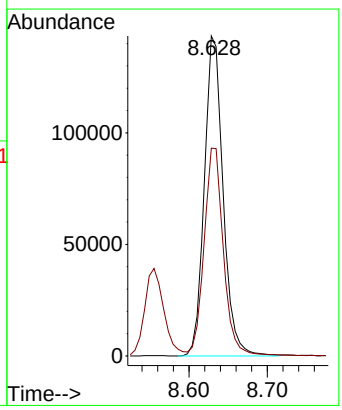


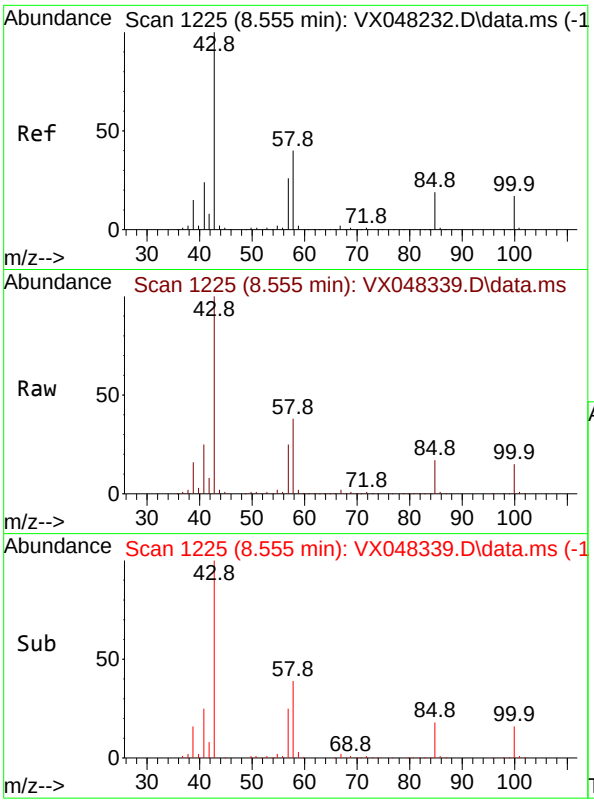




#50
Toluene-d8
Concen: 47.331 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 98 Resp: 238621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.7 | 53.0 | 79.4 |



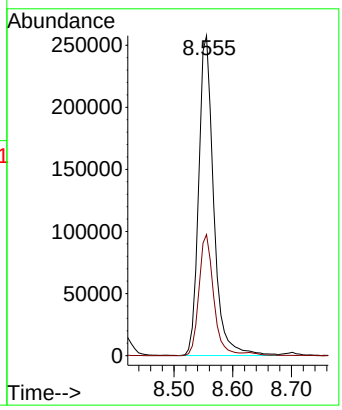


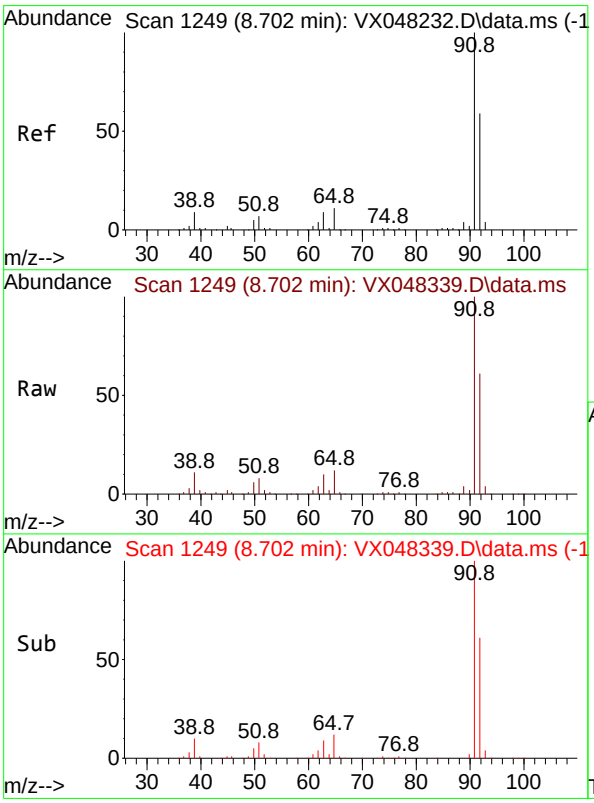

#51
4-Methyl-2-Pentanone
Concen: 284.549 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 456649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.2 | 29.5 | 44.3 |

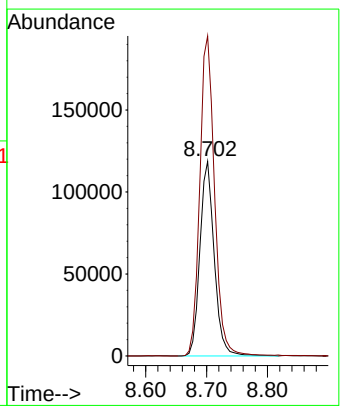


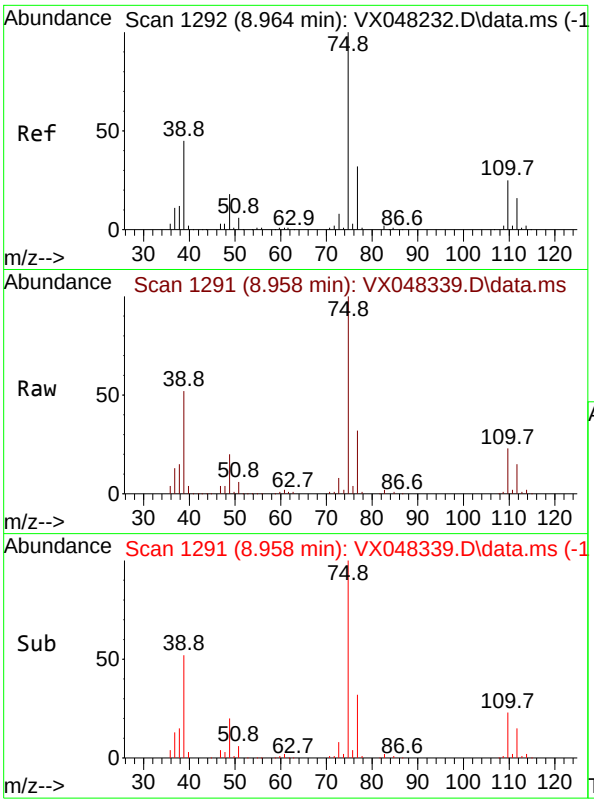




#52
Toluene
Concen: 51.366 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 92 Resp: 193684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.7 | 136.1 | 204.1 |



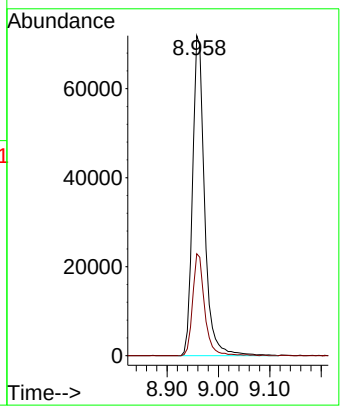


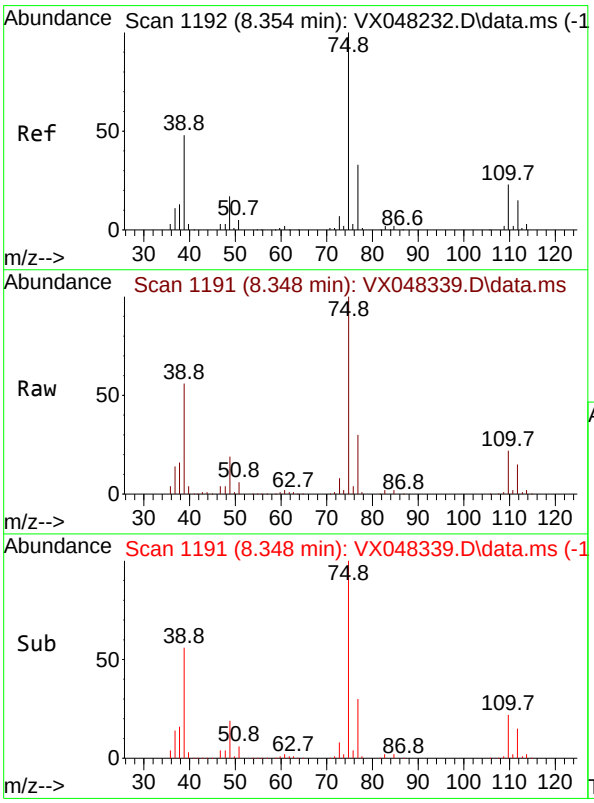

#53
t-1,3-Dichloropropene
Concen: 51.329 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 117418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 25.0 | 37.6 |

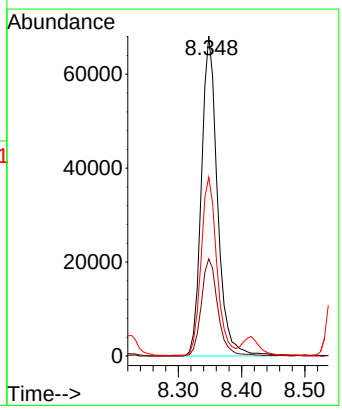


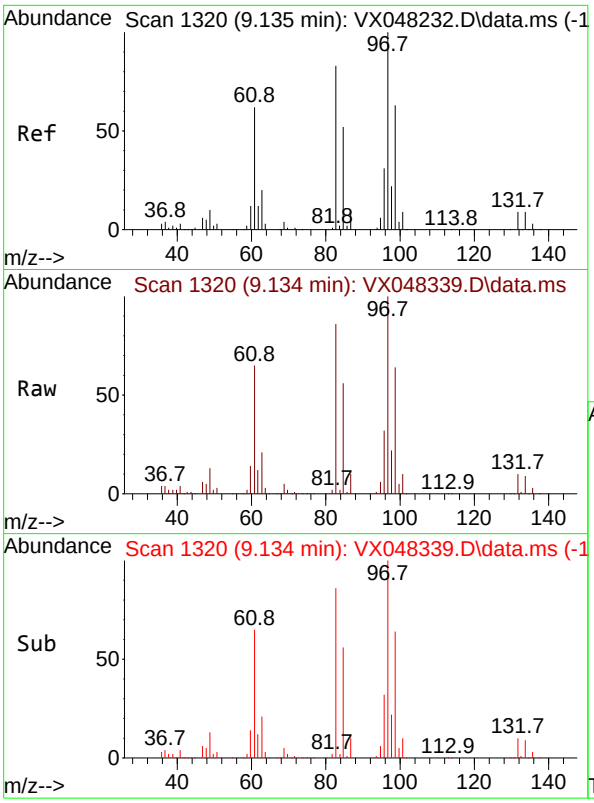




#54
cis-1,3-Dichloropropene
Concen: 48.835 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 120526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.3 | 24.9 | 37.3 |
| 39 | 54.8 | 42.6 | 64.0 |



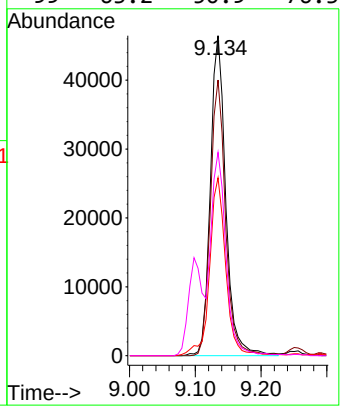


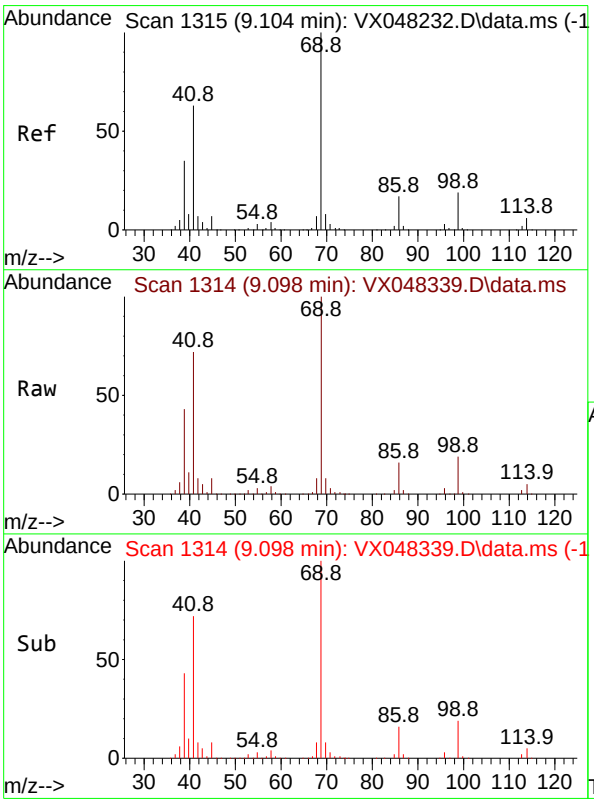

#55
1,1,2-Trichloroethane
Concen: 54.053 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 97 Resp: 75795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.1 | 70.6 | 105.8 |
| 85 | 55.5 | 45.0 | 67.6 |
| 99 | 63.2 | 50.9 | 76.3 |

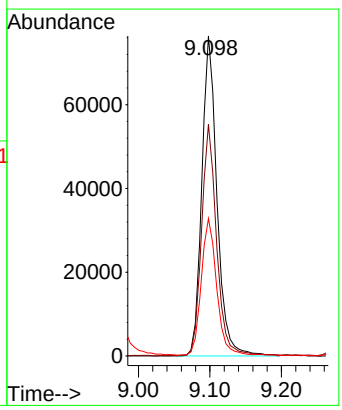


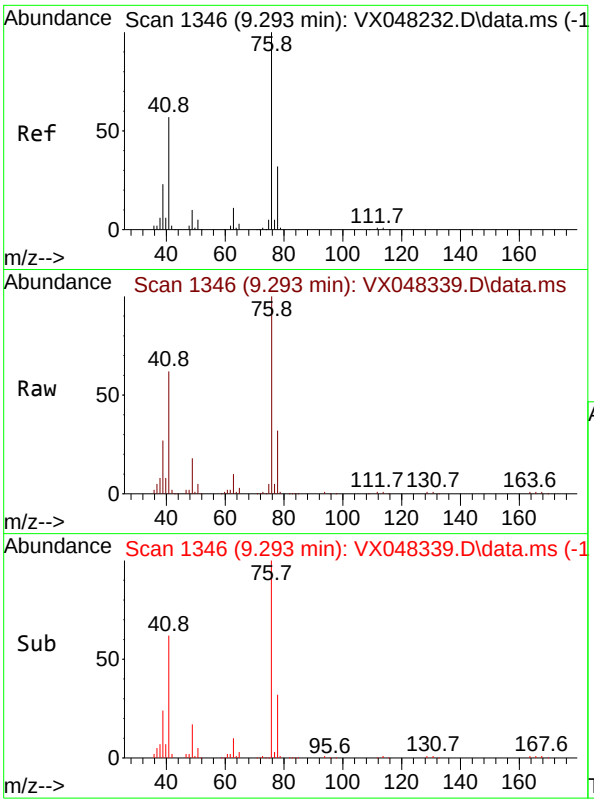




#56
Ethyl methacrylate
Concen: 55.026 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 69 Resp: 112858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 72.4 | 56.0 | 84.0 |
| 39 | 44.0 | 31.6 | 47.4 |



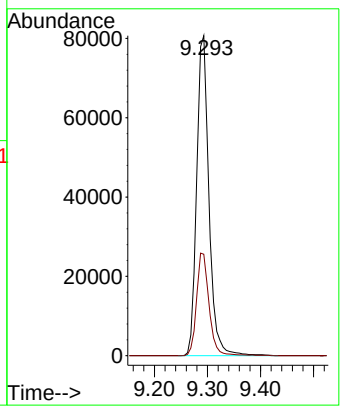


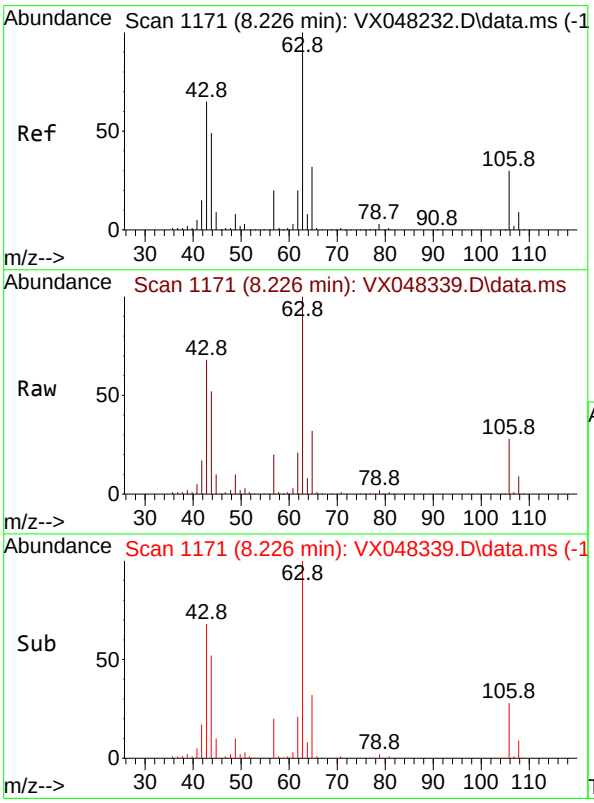

#57
1,3-Dichloropropane
Concen: 54.042 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 129442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.6 | 25.4 | 38.0 |

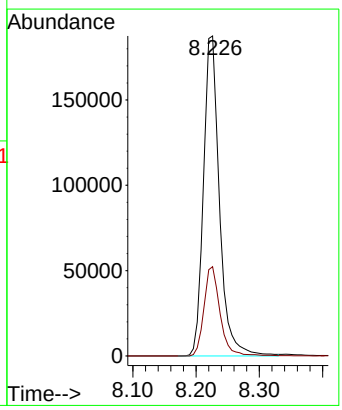


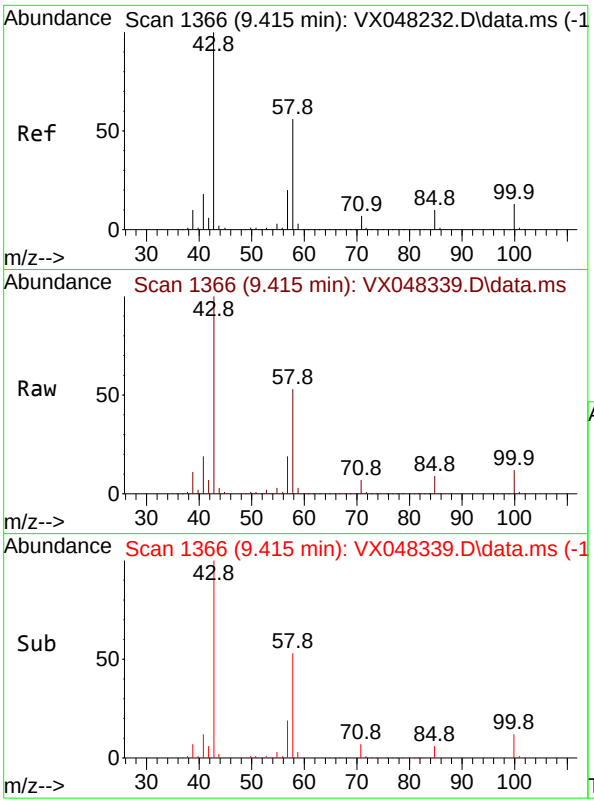




#58
2-Chloroethyl Vinyl ether
Concen: 299.294 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 63 Resp: 330441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.1 | 22.2 | 33.2 |



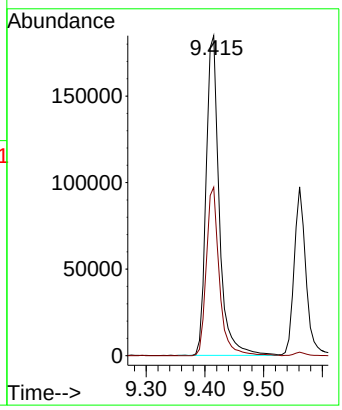


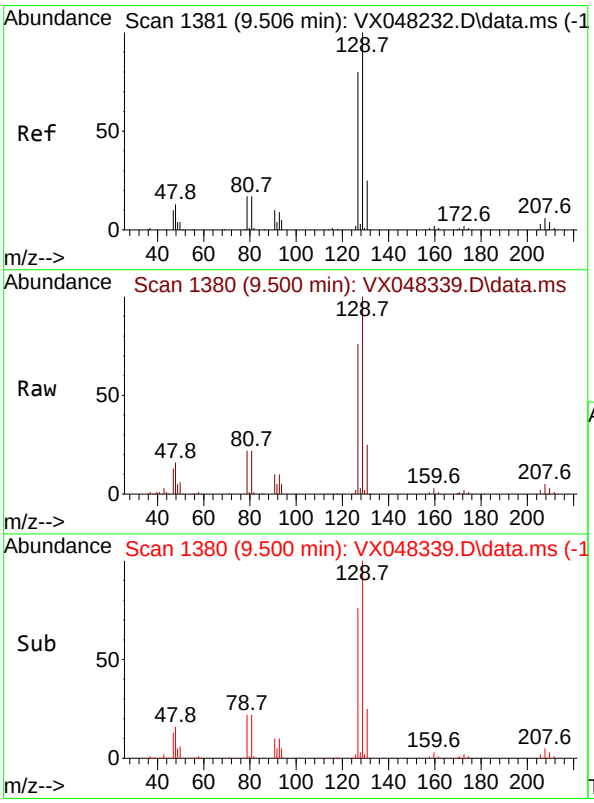

#59
2-Hexanone
Concen: 256.864 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 287437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.4 | 26.3 | 78.8 |

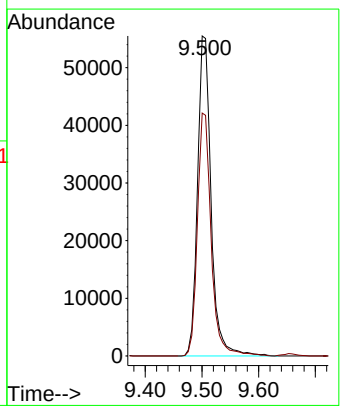


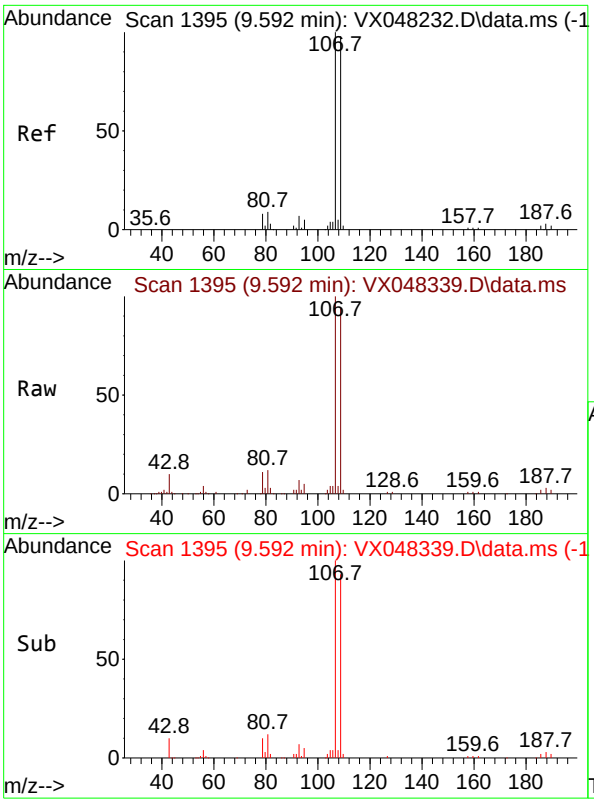




#60
Dibromochloromethane
Concen: 48.803 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:129 Resp: 91979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.2 | 38.6 | 115.7 |



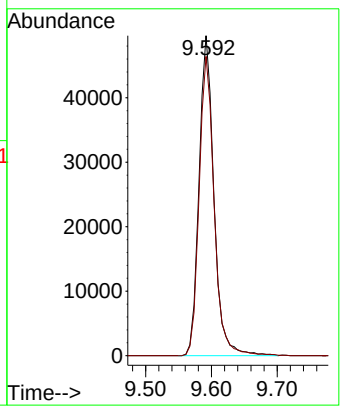


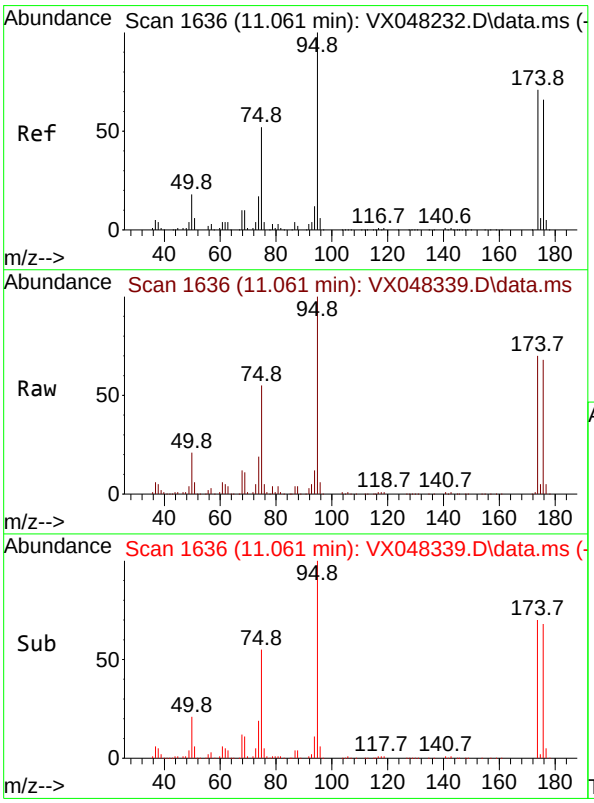

#61
1,2-Dibromoethane
Concen: 52.241 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:107 Resp: 78094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.5 | 77.0 | 115.4 |

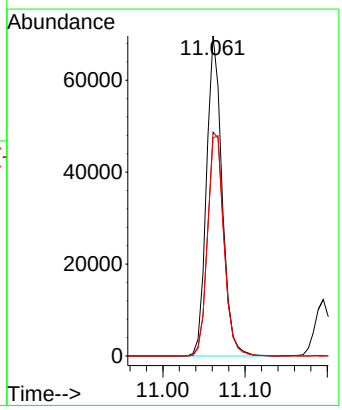


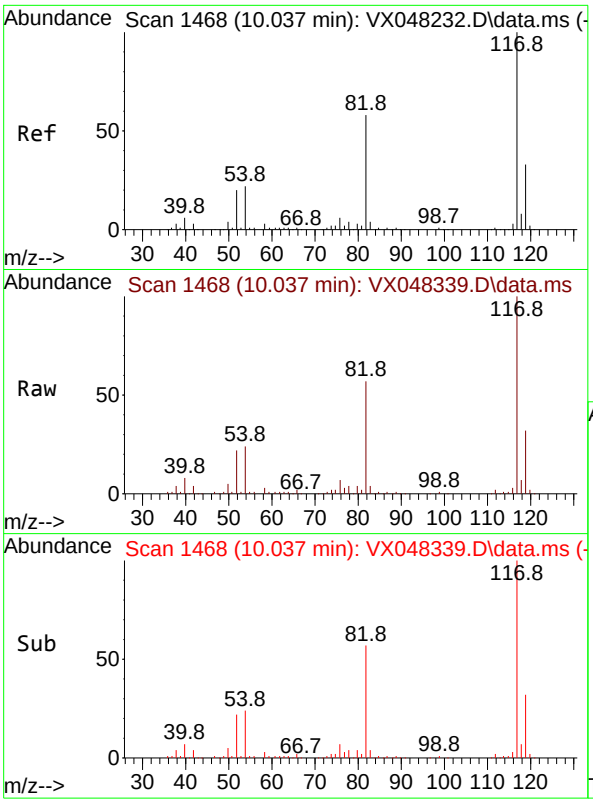




#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 95 Resp: 91425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.5 | 0.0 | 147.8 |
| 176 | 72.8 | 0.0 | 142.8 |



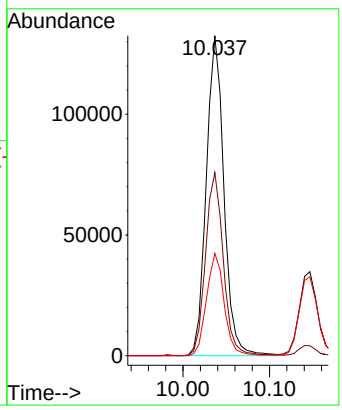


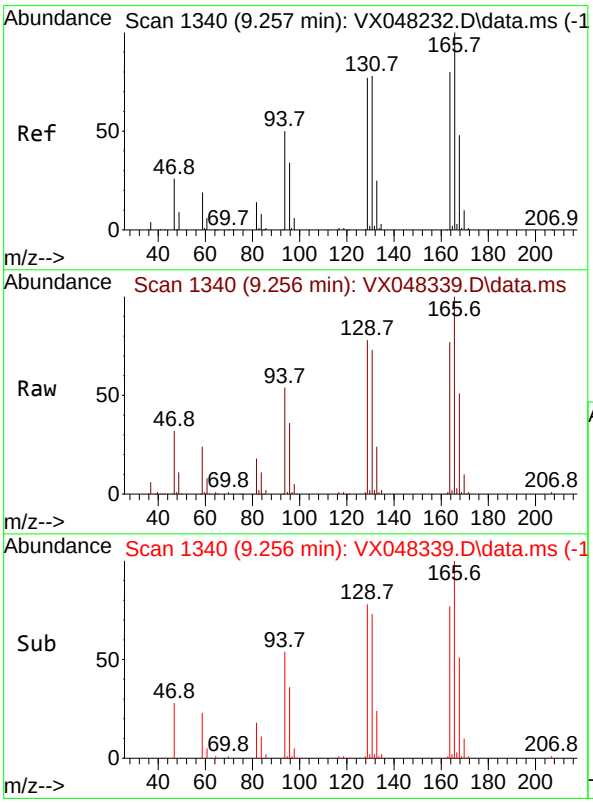

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:117 Resp: 187763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.2 | 46.5 | 69.7 |
| 119 | 31.9 | 25.9 | 38.9 |

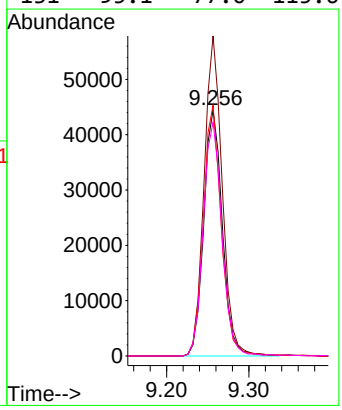


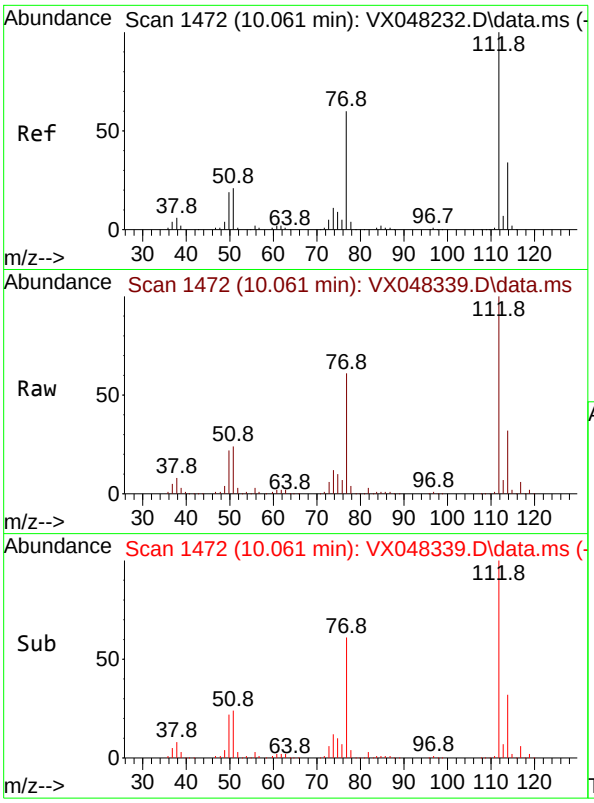




#64
Tetrachloroethene
Concen: 49.893 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:164 Resp: 69934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.2 | 104.5 | 156.7 |
| 129 | 102.0 | 81.8 | 122.6 |
| 131 | 95.1 | 77.0 | 115.6 |



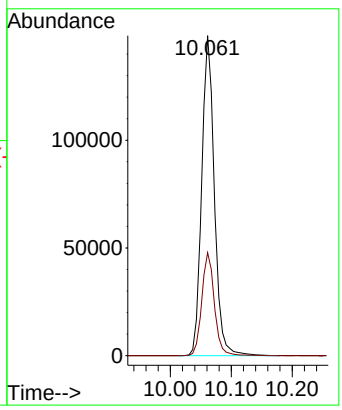


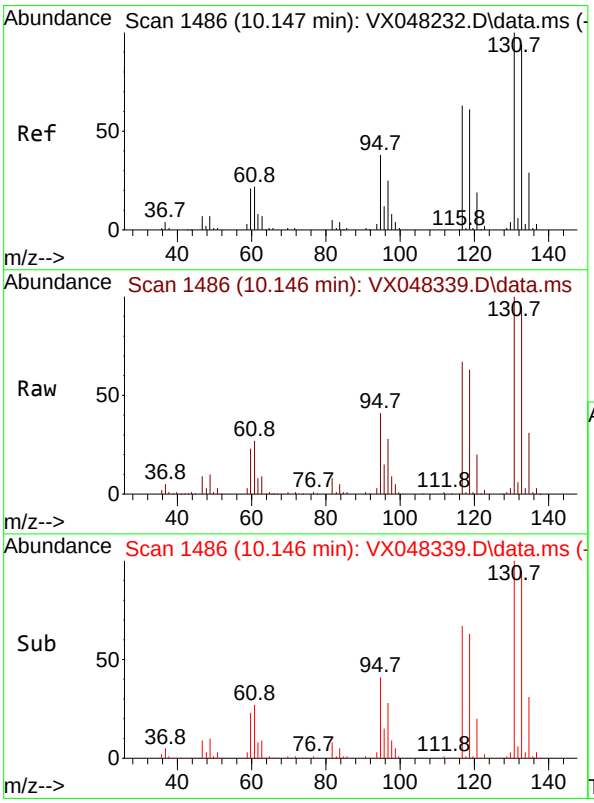

#65
Chlorobenzene
Concen: 50.756 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:112 Resp: 214381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.2 | 26.2 | 39.2 |

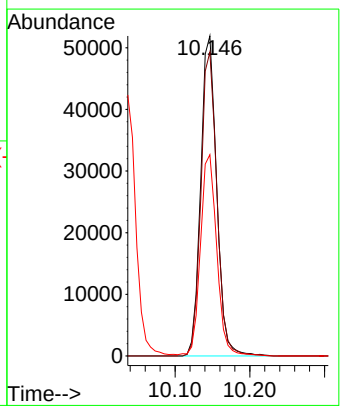


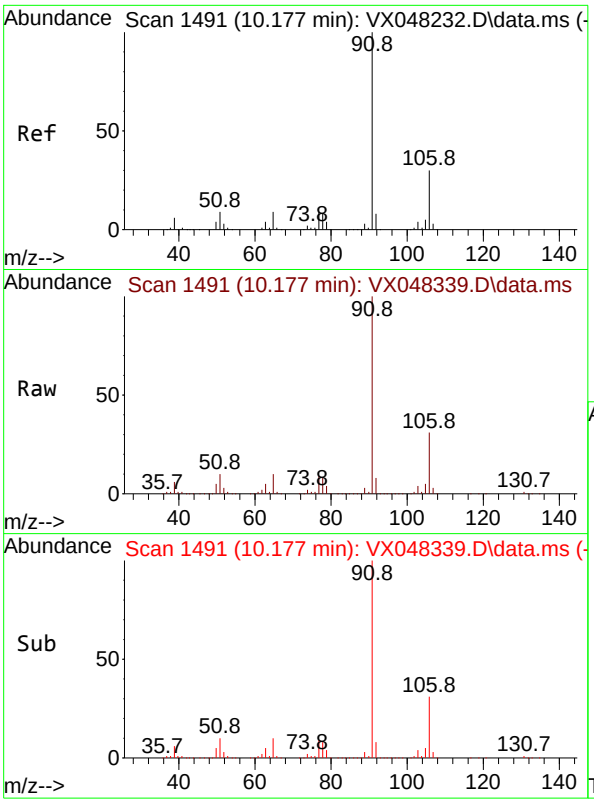




#66
1,1,1,2-Tetrachloroethane
Concen: 49.657 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:131 Resp: 77036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.1 | 47.6 | 142.8 |
| 119 | 64.4 | 32.5 | 97.5 |



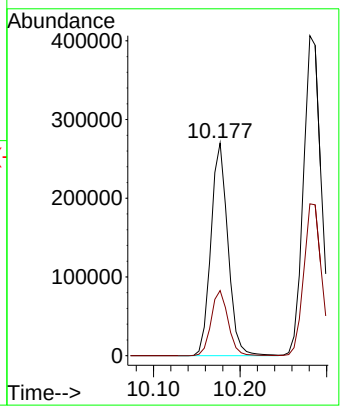


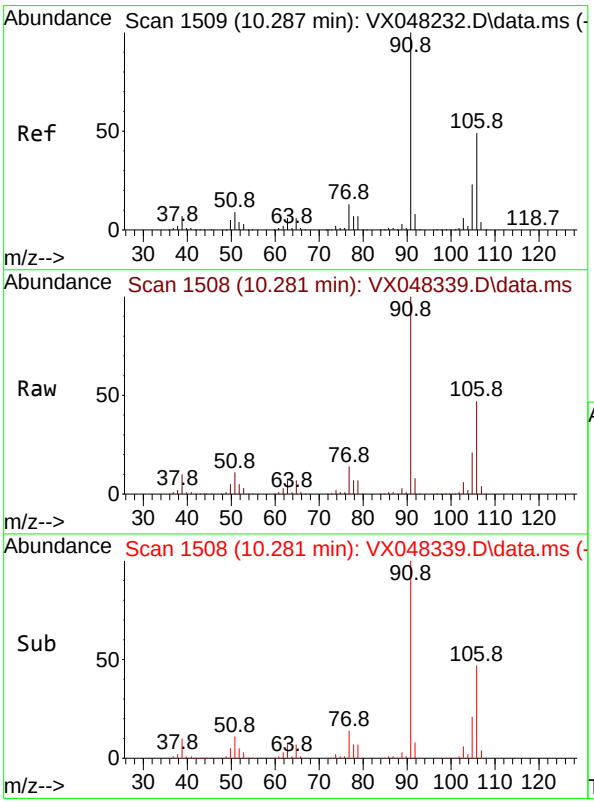

#67
Ethyl Benzene
Concen: 51.279 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 368764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 23.8 | 35.6 |

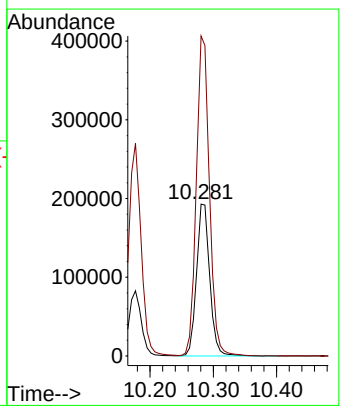


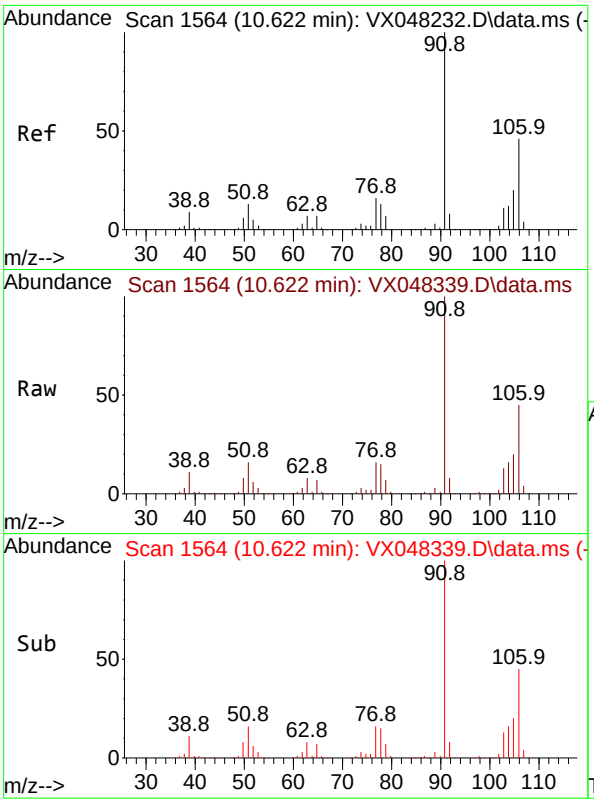




#68
m/p-Xylenes
Concen: 104.665 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:106 Resp: 279654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.1 | 167.9 | 251.9 |



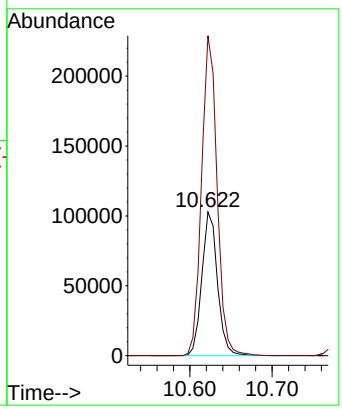


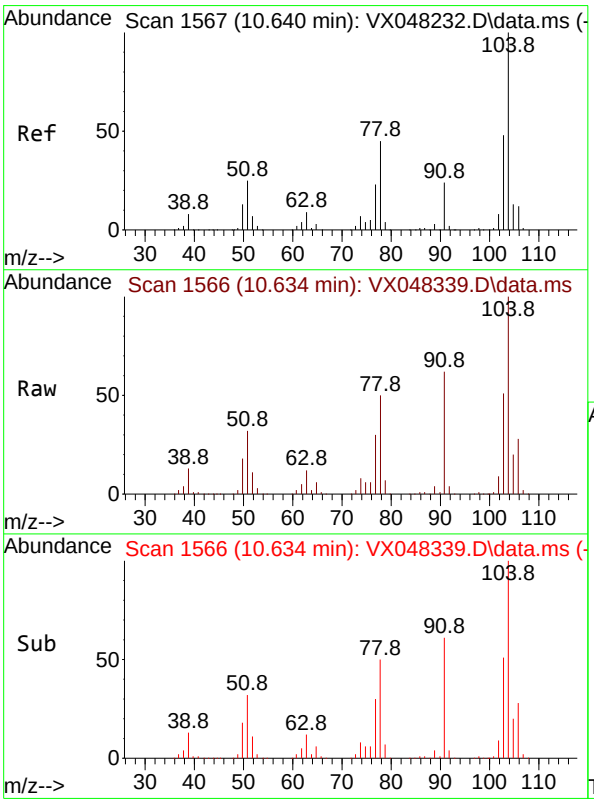

#69
o-Xylene
Concen: 52.509 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:106 Resp: 135450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.2 | 111.3 | 333.9 |

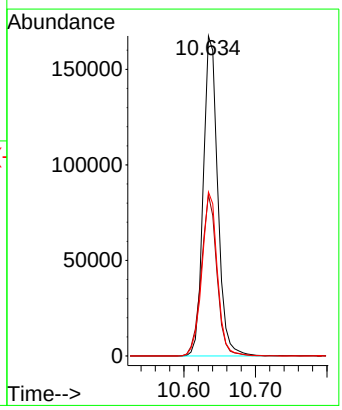


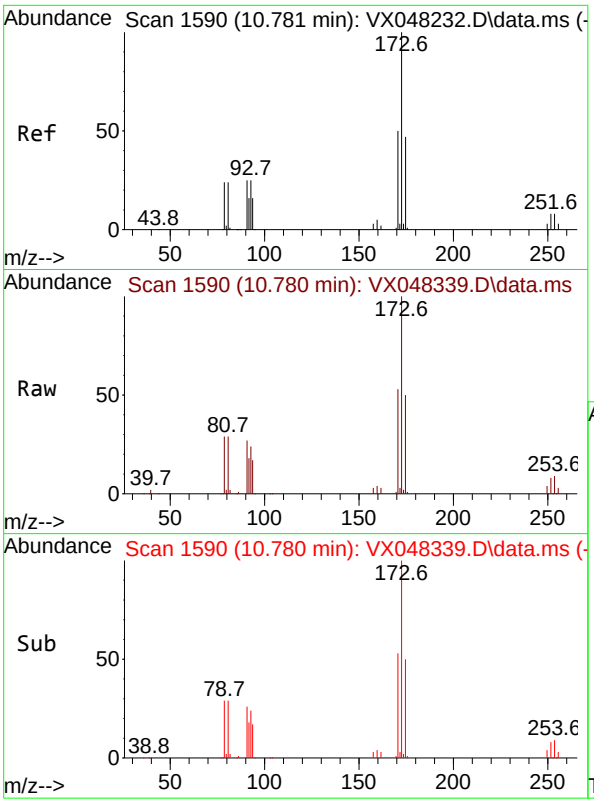




#70
Styrene
Concen: 53.739 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:104 Resp: 236042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.8 | 42.2 | 63.4 |
| 103 | 54.5 | 43.0 | 64.4 |



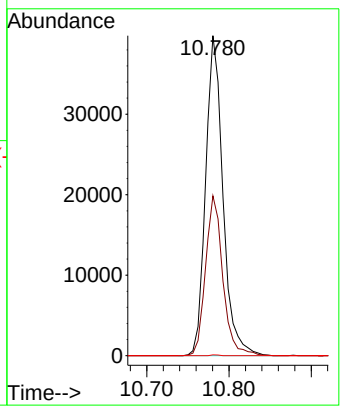


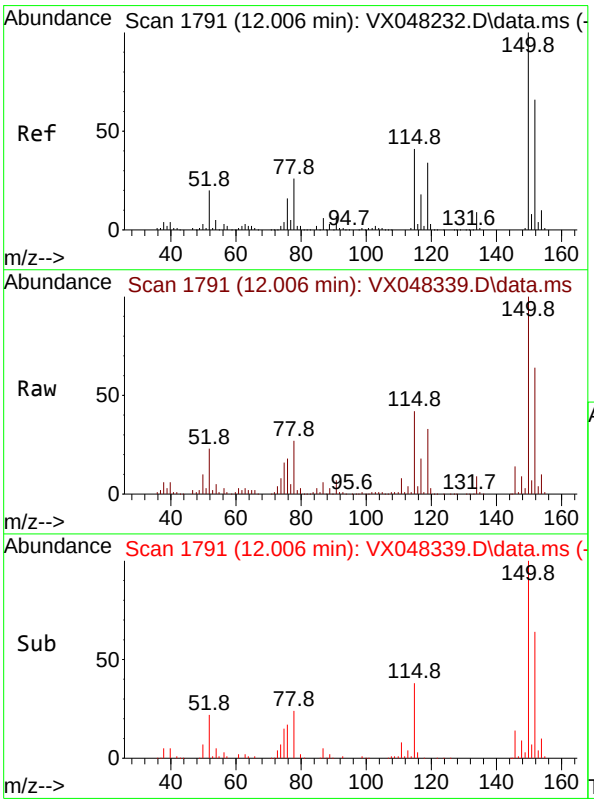

#71
Bromoform
Concen: 46.878 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:173 Resp: 58125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.8 | 24.0 | 72.0 |
| 254 | 0.1 | 0.0 | 0.0# |

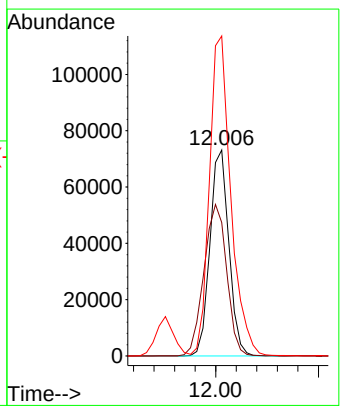


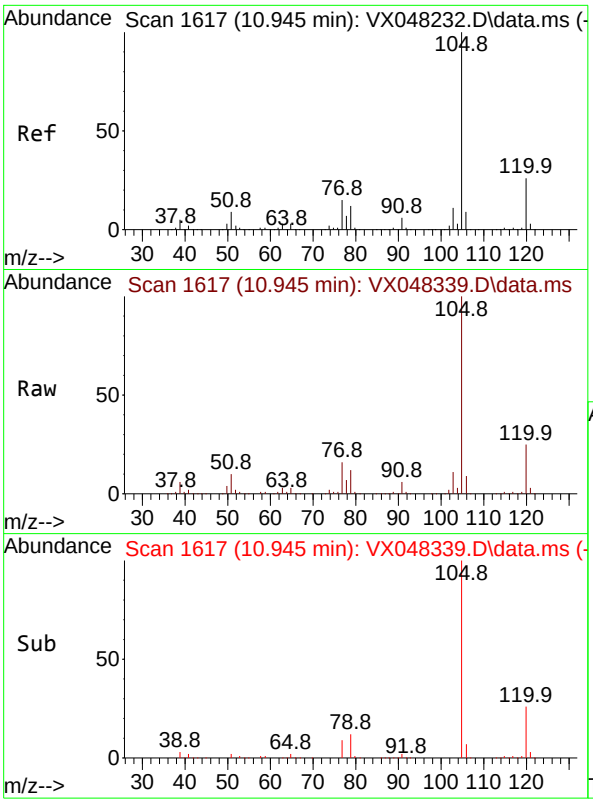




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:152 Resp: 93479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 88.9 | 43.1 | 129.4 |
| 150 | 175.7 | 0.0 | 353.0 |



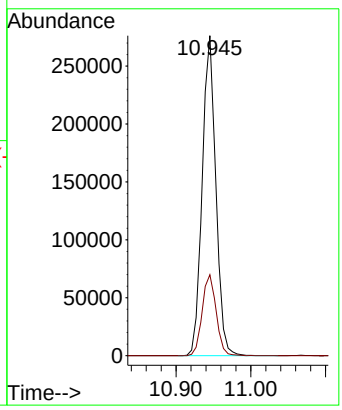


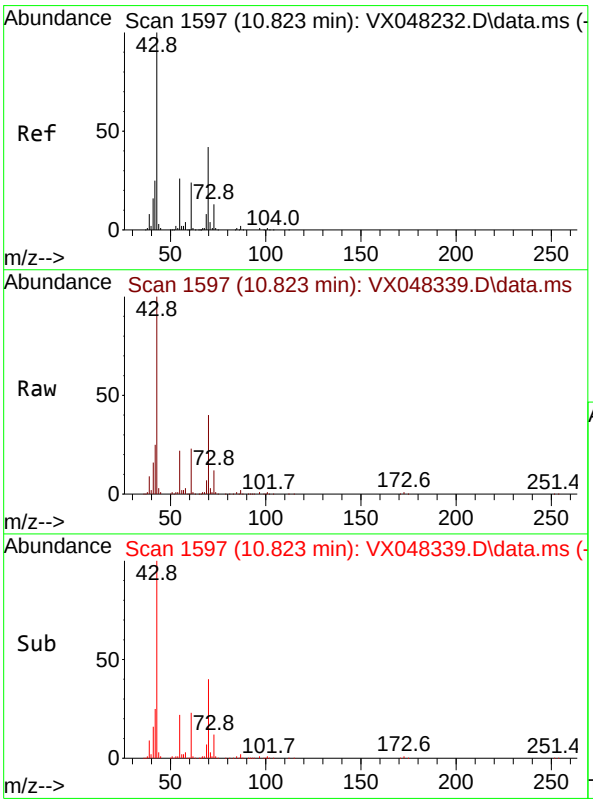

#73
Isopropylbenzene
Concen: 51.150 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 349236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 13.0 | 38.9 |

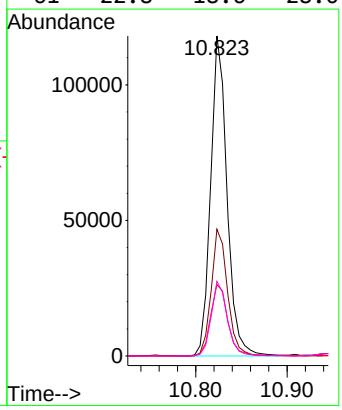


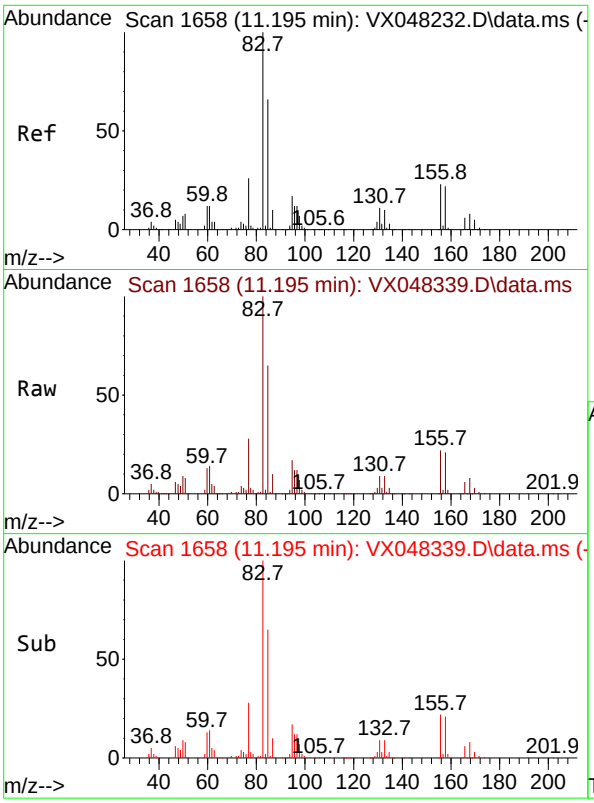




#74
N-amyl acetate
Concen: 60.589 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 43 Resp: 146738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 39.6 | 32.2 | 48.2 |
| 55 | 23.5 | 19.1 | 28.7 |
| 61 | 22.8 | 18.6 | 28.0 |



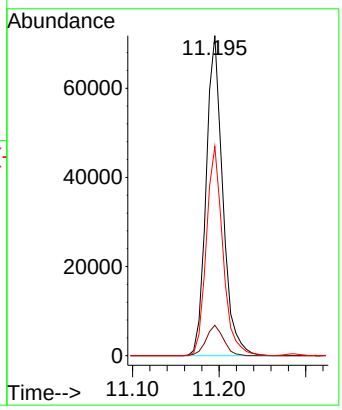


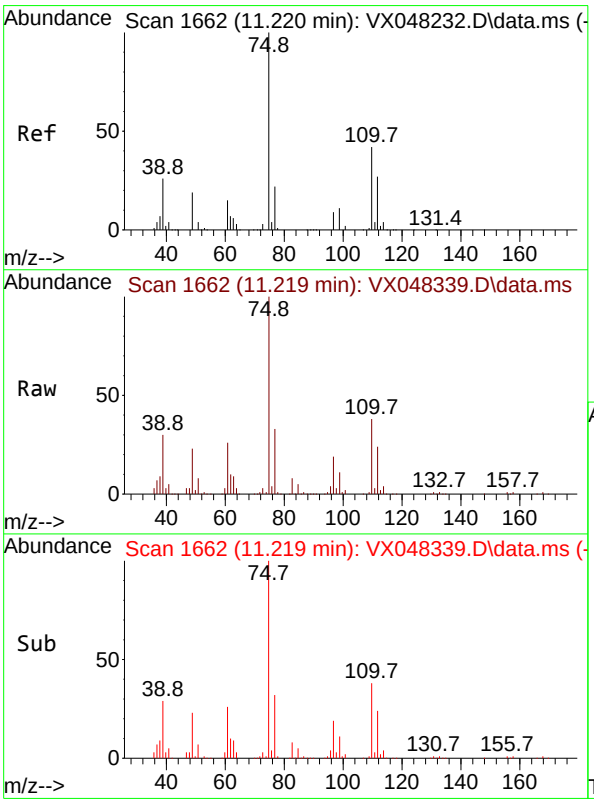

#75
1,1,2,2-Tetrachloroethane
Concen: 51.376 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 95793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.0 | 4.8 | 14.4 |
| 85 | 65.2 | 31.9 | 95.7 |

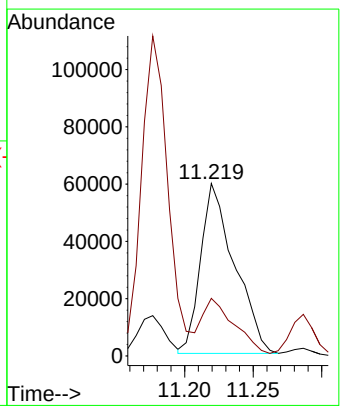


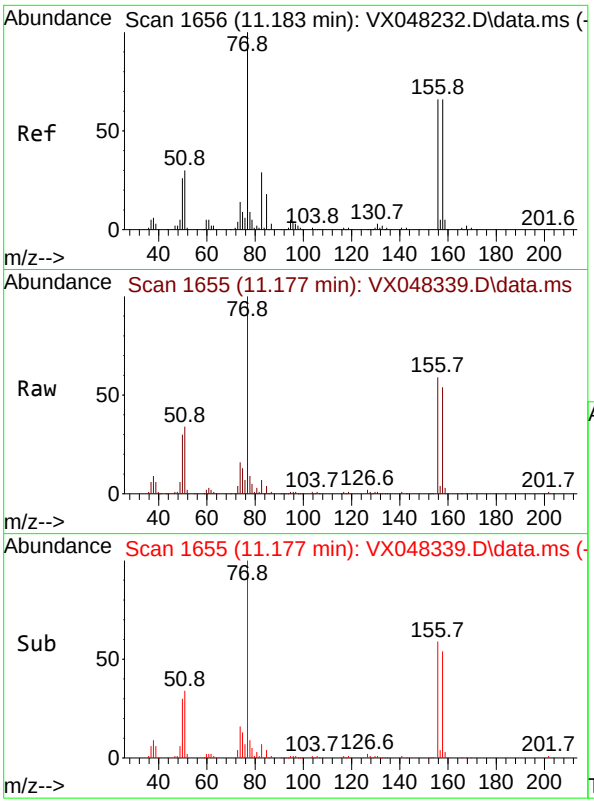




#76
1,2,3-Trichloropropane
Concen: 67.520 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 102354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 22.4 | 67.2 |



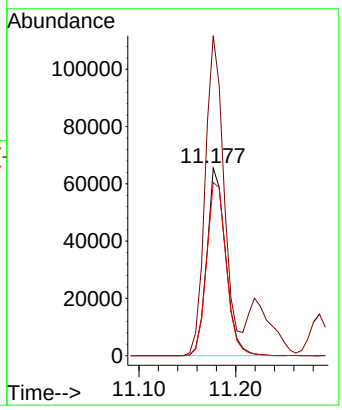


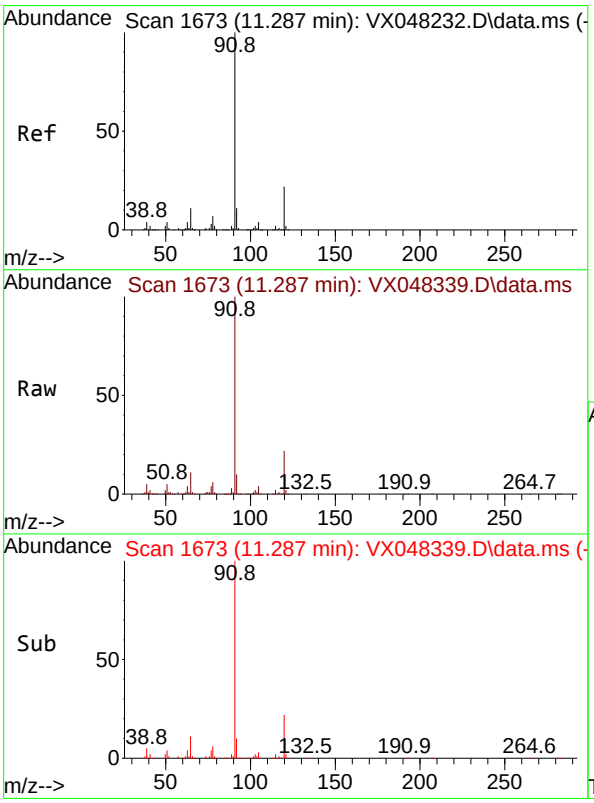

#77
Bromobenzene
Concen: 51.716 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:156 Resp: 88538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 172.1 | 87.0 | 261.0 |
| 158 | 96.5 | 47.8 | 143.4 |

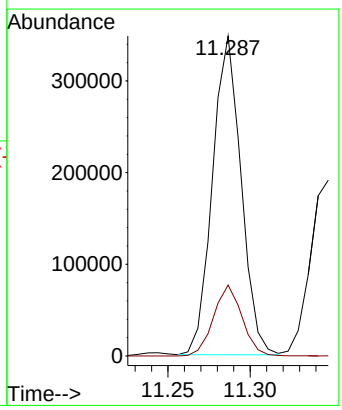


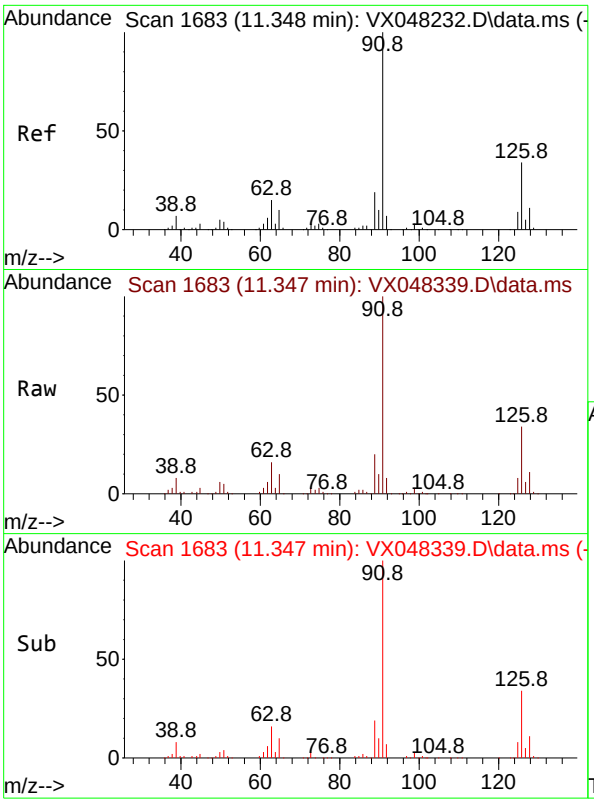




#78
n-propylbenzene
Concen: 53.181 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 420413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.2 | 11.1 | 33.1 |



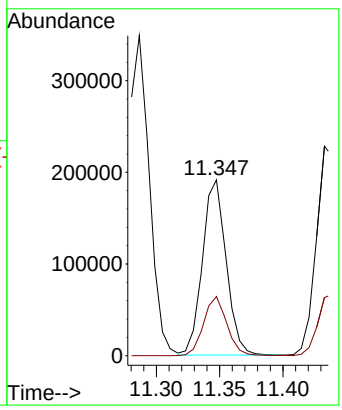


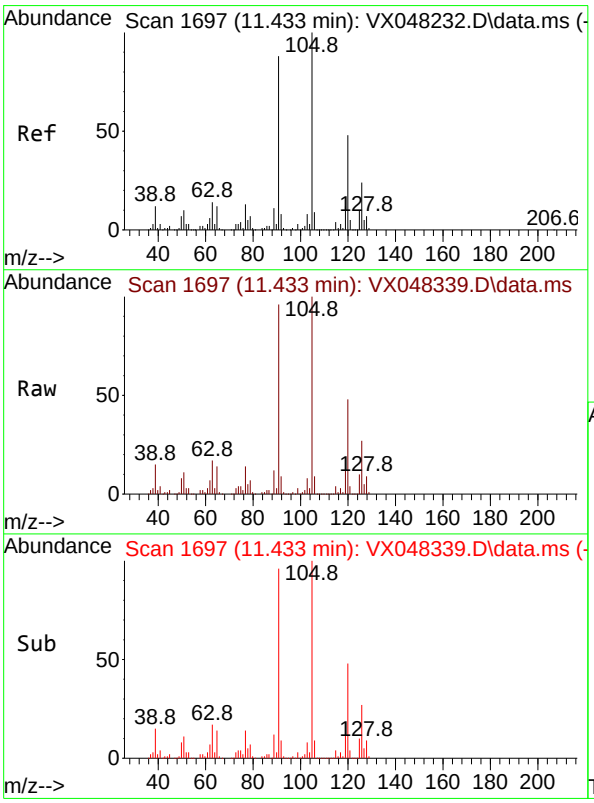

#79
2-Chlorotoluene
Concen: 52.073 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 249581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.2 | 16.4 | 49.4 |

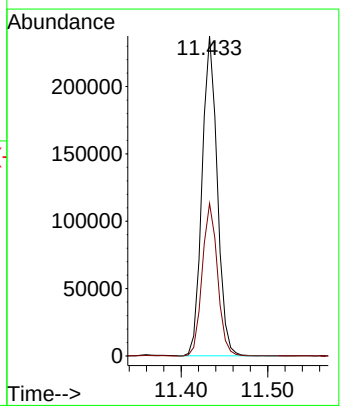


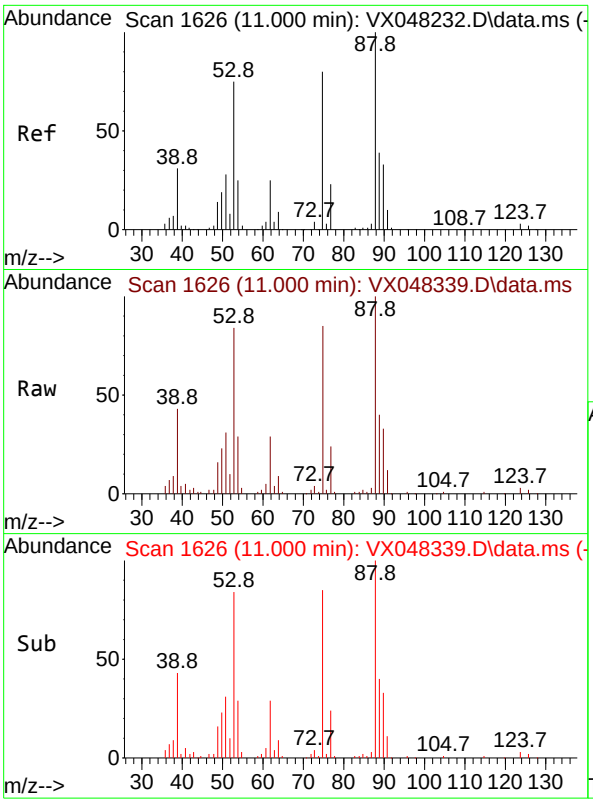




#80
1,3,5-Trimethylbenzene
Concen: 51.224 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:105 Resp: 289432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.0 | 24.0 | 72.0 |



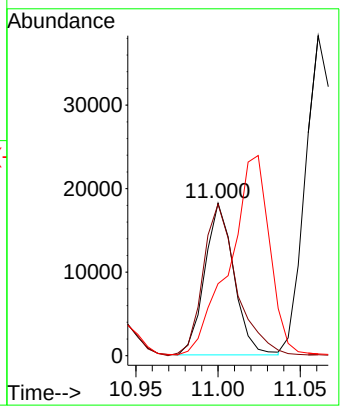


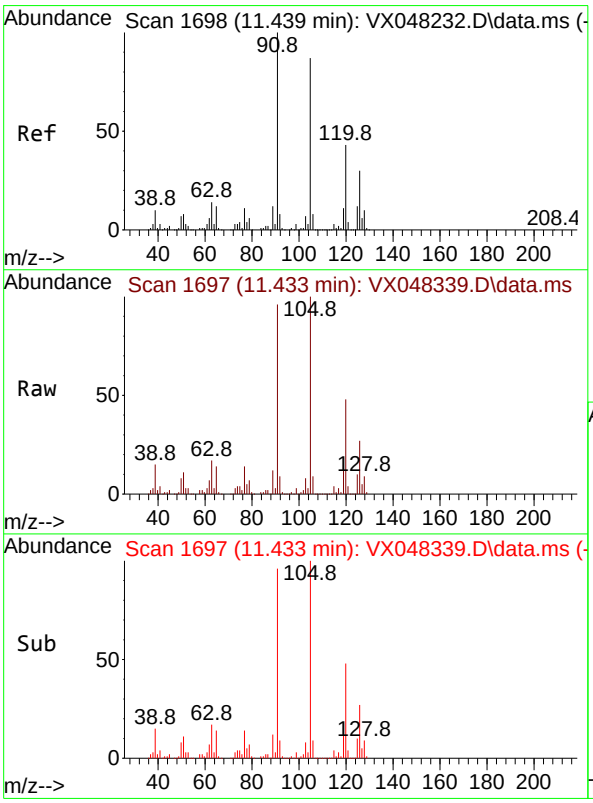

#81
trans-1,4-Dichloro-2-butene
Concen: 35.976 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 22416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 116.5 | 79.5 | 119.3 |
| 89 | 0.0 | 36.8 | 55.2# |

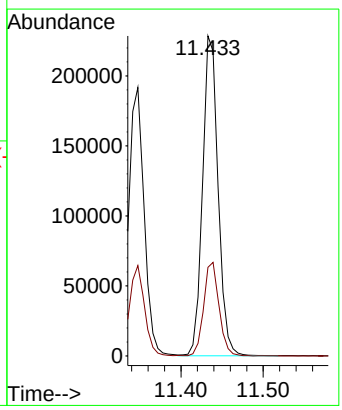


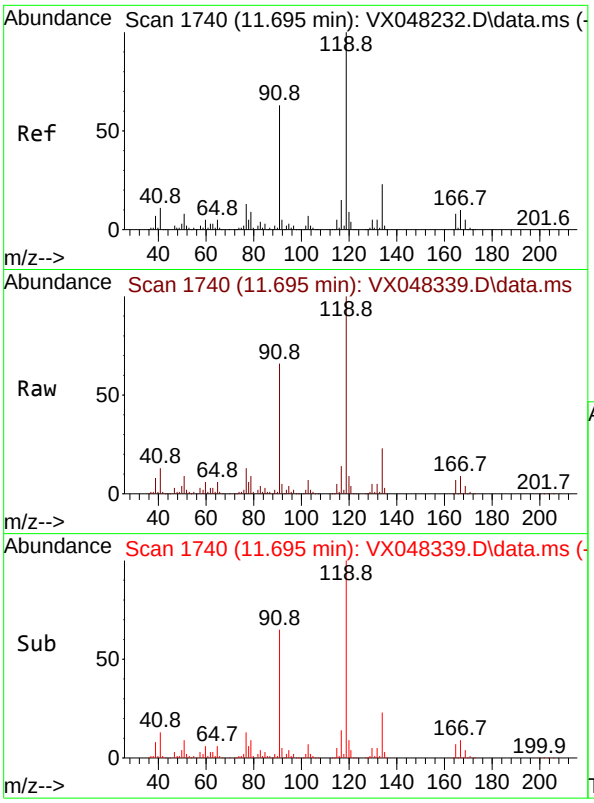




#82
4-Chlorotoluene
Concen: 52.497 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 91 Resp: 298685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.1 | 14.1 | 42.4 |



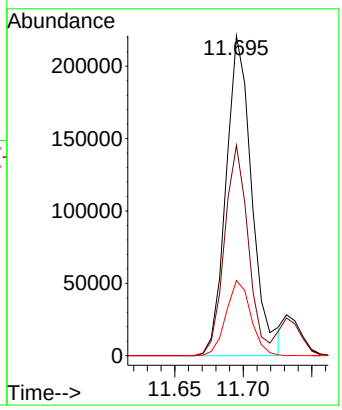


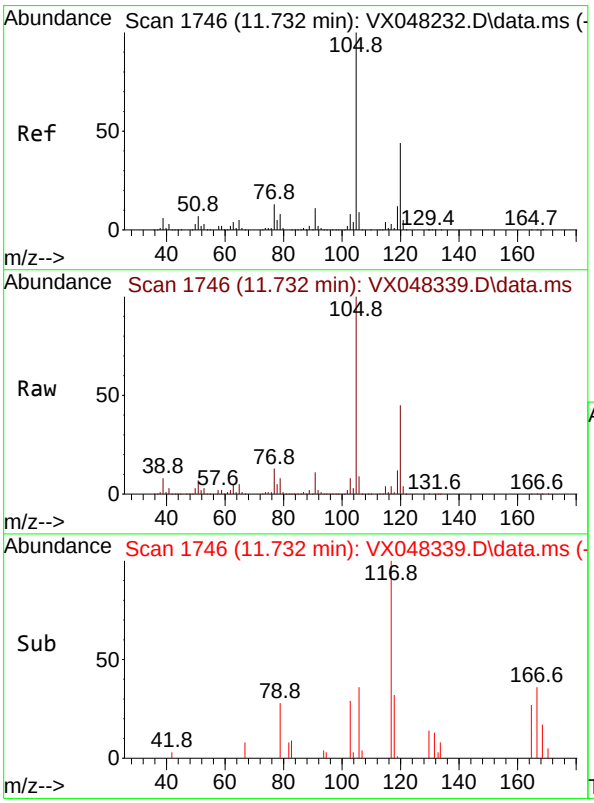

#83
tert-Butylbenzene
Concen: 50.006 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:119 Resp: 290306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 60.6 | 30.3 | 91.0 |
| 134 | 22.5 | 11.4 | 34.2 |

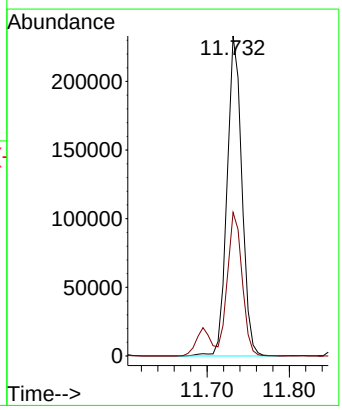


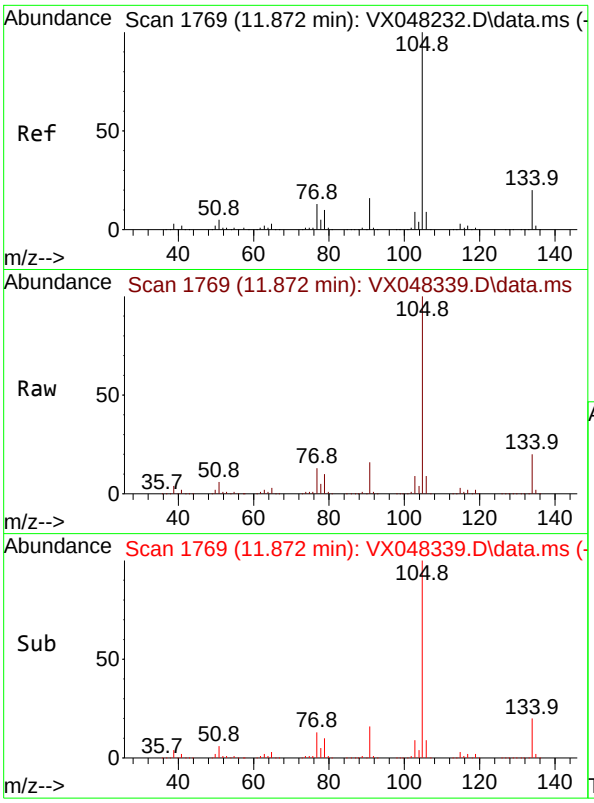




#84
1,2,4-Trimethylbenzene
Concen: 51.728 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:105 Resp: 291688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.2 | 22.1 | 66.5 |



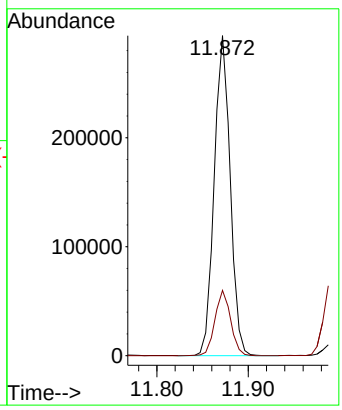


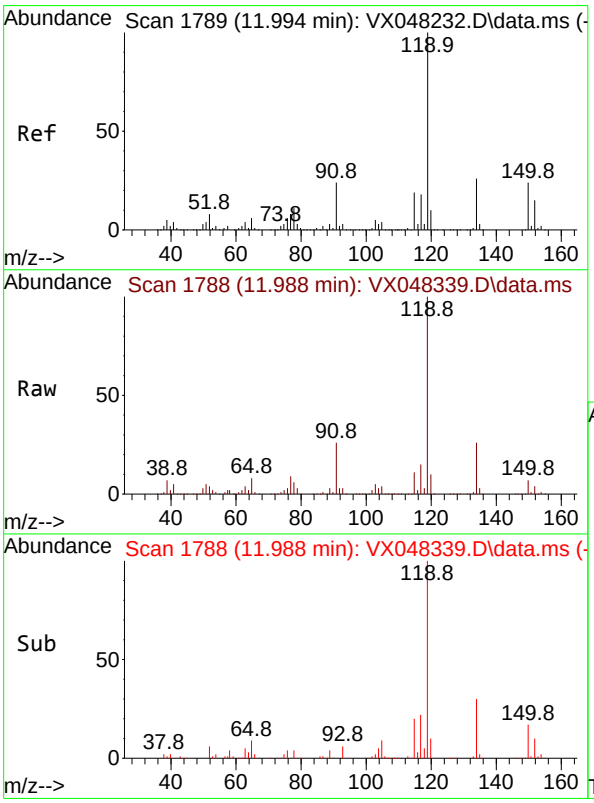

#85
sec-Butylbenzene
Concen: 50.910 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 355586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.1 | 10.1 | 30.1 |

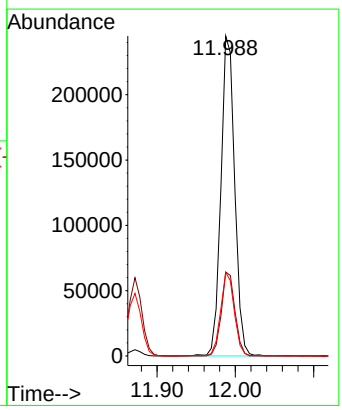


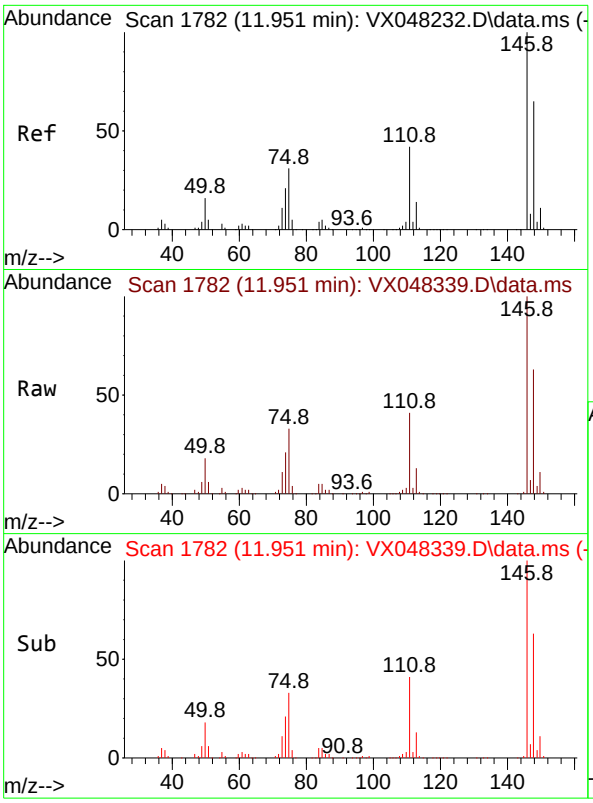




#86
p-Isopropyltoluene
Concen: 49.821 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:119 Resp: 300777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.0 | 13.0 | 39.0 |
| 91 | 25.7 | 12.1 | 36.3 |



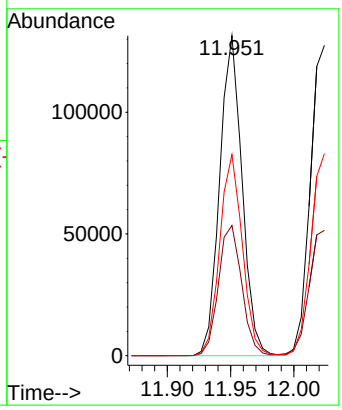


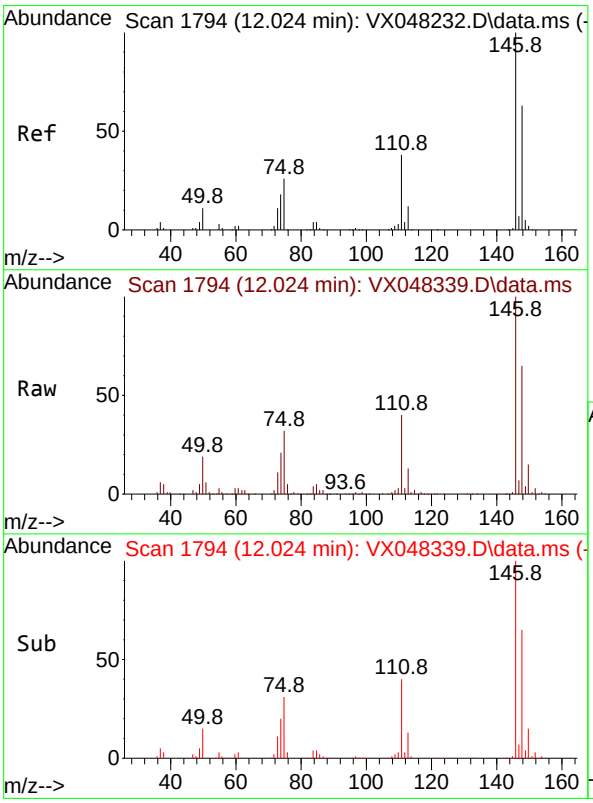

#87
1,3-Dichlorobenzene
Concen: 50.069 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 161594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.4 | 20.4 | 61.2 |
| 148 | 63.6 | 31.9 | 95.9 |

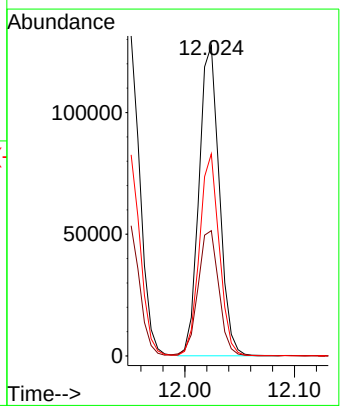


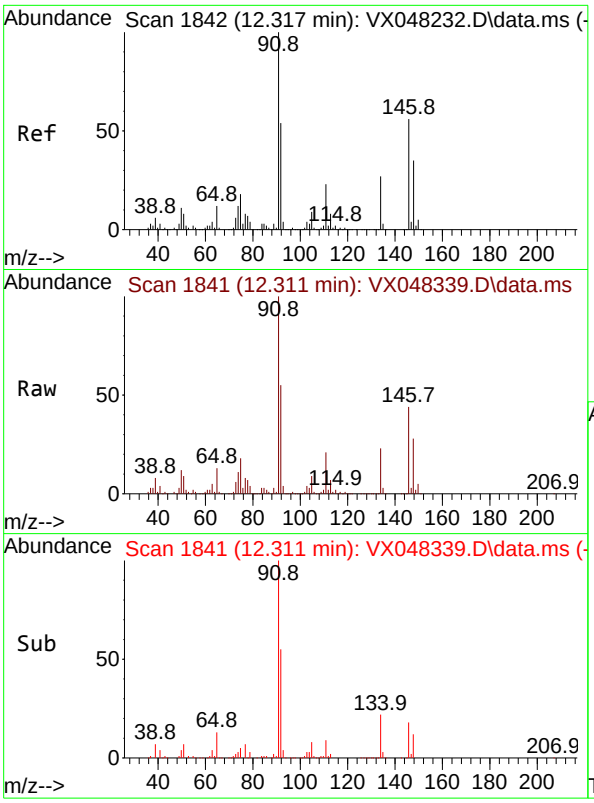




#88
1,4-Dichlorobenzene
Concen: 49.095 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:146 Resp: 164145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.5 | 20.1 | 60.2 |
| 148 | 63.5 | 31.8 | 95.3 |



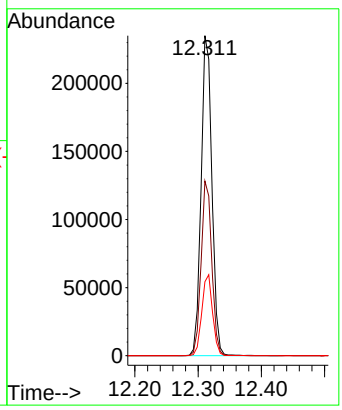


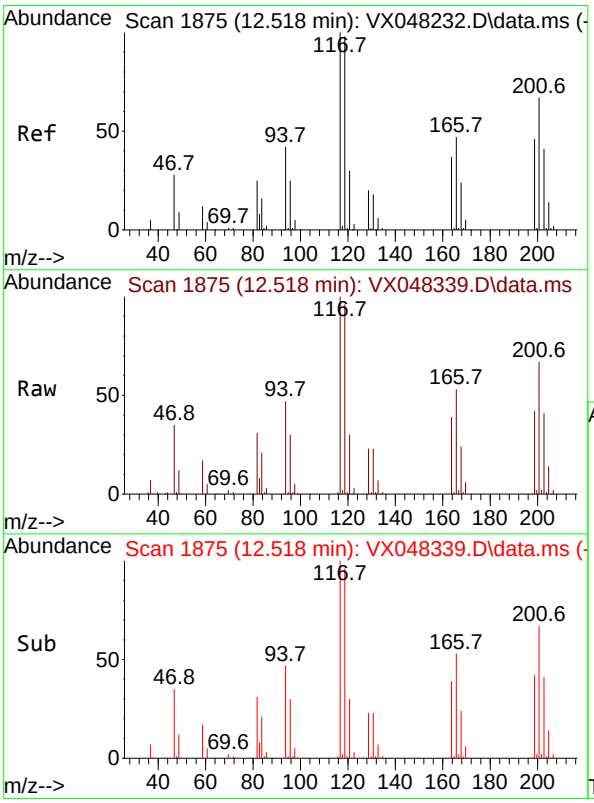

#89
n-Butylbenzene
Concen: 50.804 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 279165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.0 | 26.9 | 80.6 |
| 134 | 25.2 | 12.7 | 38.1 |

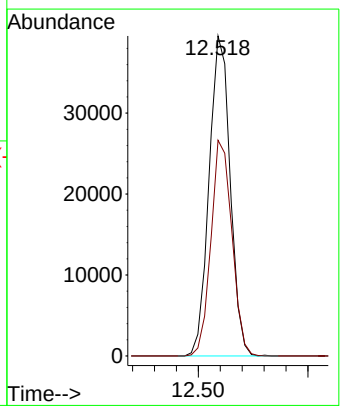


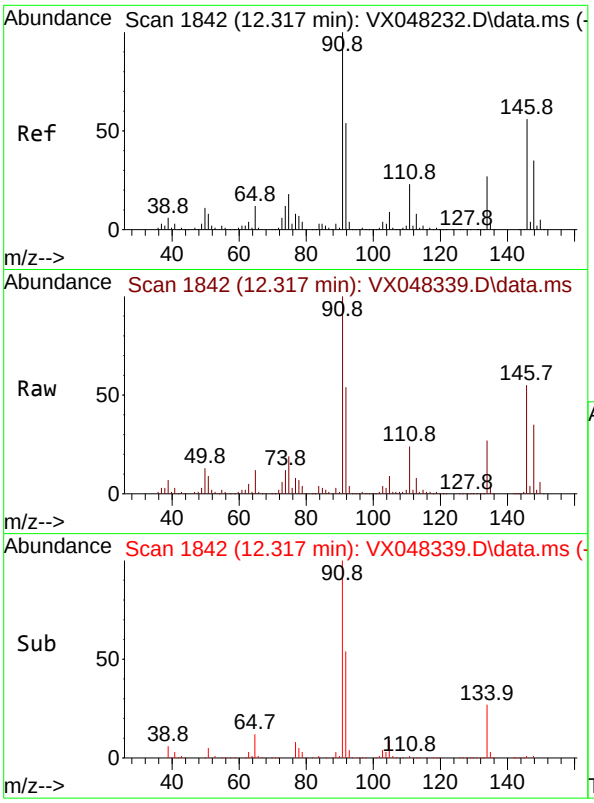




#90
Hexachloroethane
Concen: 44.242 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:117 Resp: 52745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 67.2 | 34.1 | 102.2 |



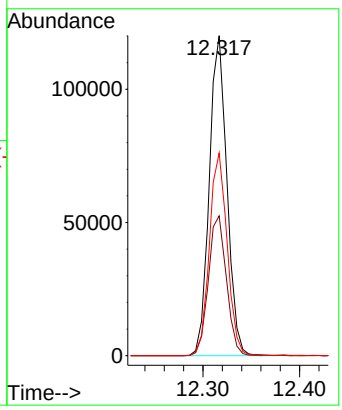


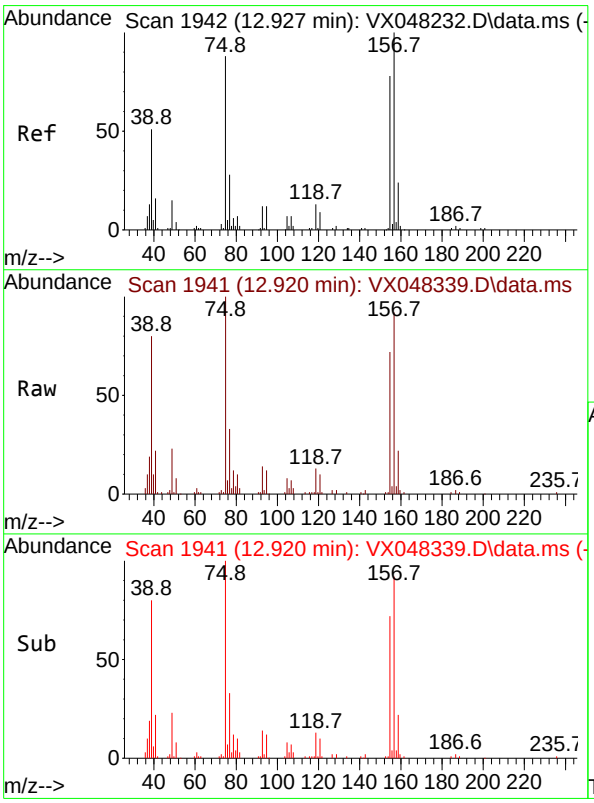

#91
1,2-Dichlorobenzene
Concen: 50.288 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 152380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.8 | 21.9 | 65.5 |
| 148 | 63.7 | 31.9 | 95.5 |

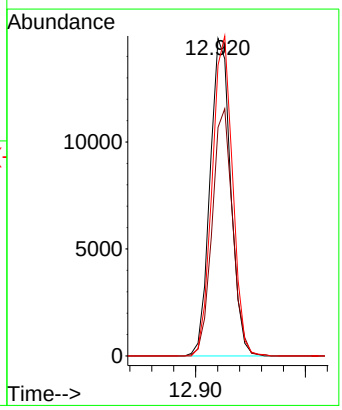


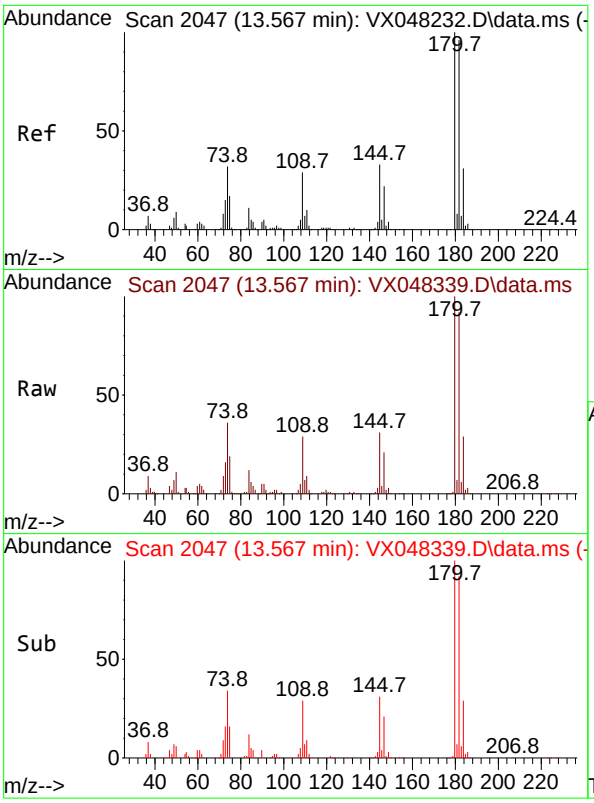




#92
1,2-Dibromo-3-Chloropropane
Concen: 51.374 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 19444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 77.0 | 42.8 | 128.4 |
| 157 | 99.5 | 54.2 | 162.6 |



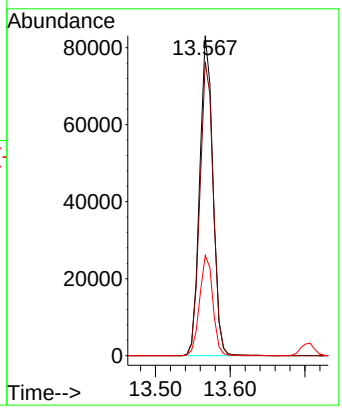


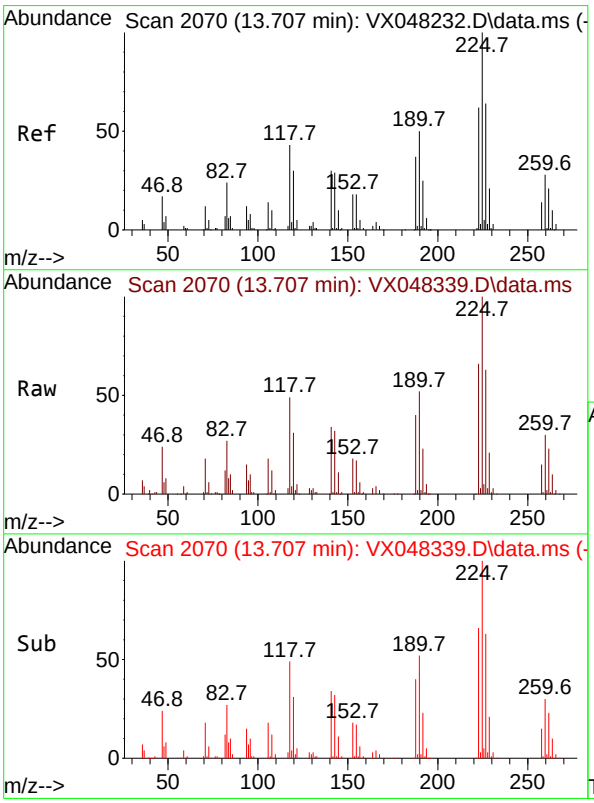

#93
1,2,4-Trichlorobenzene
Concen: 49.644 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:180 Resp: 101730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 47.3 | 142.0 |
| 145 | 31.4 | 16.3 | 48.9 |

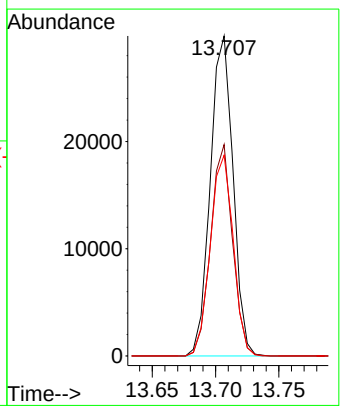


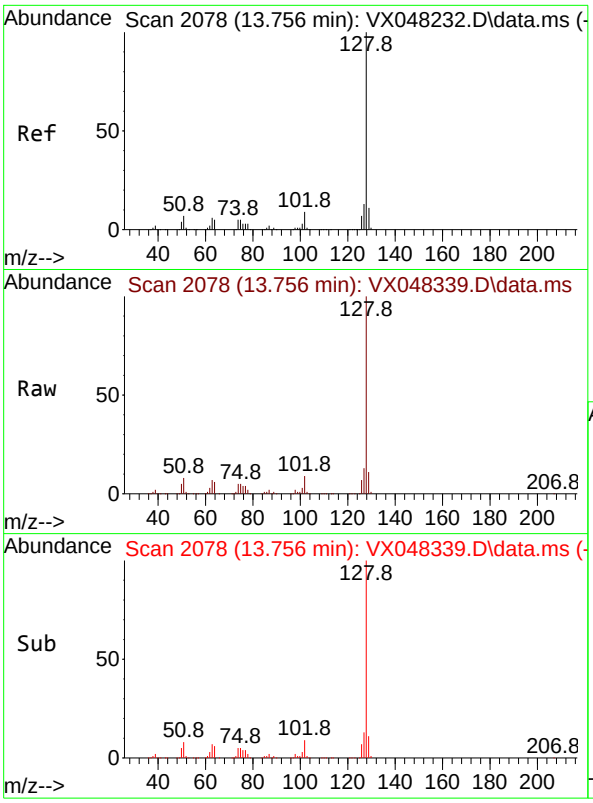




#94
Hexachlorobutadiene
Concen: 48.406 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:225 Resp: 37168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.9 | 32.6 | 97.7 |
| 227 | 63.3 | 32.5 | 97.4 |



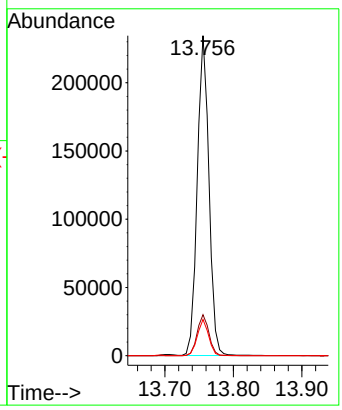


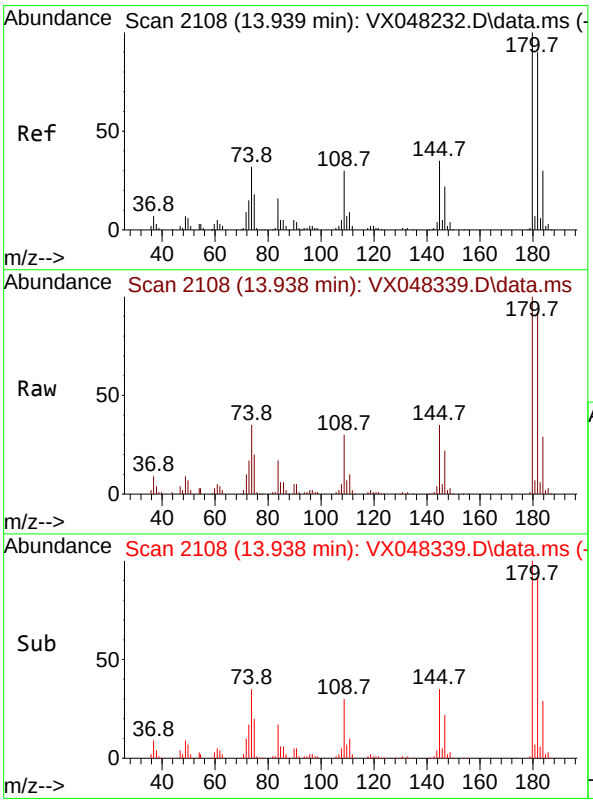

#95
Naphthalene
Concen: 51.198 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:128 Resp: 277956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.2 | 15.4 |
| 129 | 11.0 | 8.6 | 12.8 |

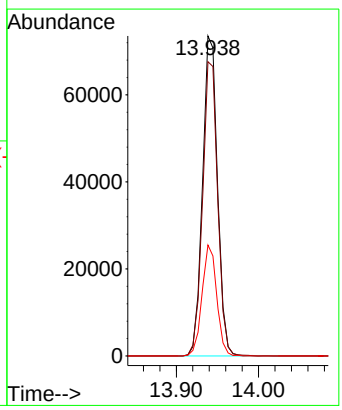



#96
1,2,3-Trichlorobenzene
Concen: 49.409 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:180 Resp: 92908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.8 | 46.6 | 139.7 |
| 145 | 34.1 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 145979 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.744 | 114 | 238661 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.036 | 117 | 208902 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 103563 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.933 | 65 | 104947 | 51.275 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 102.560% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 67722 | 41.564 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 83.120% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 283427 | 49.629 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.260% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 105010 | 48.334 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 96.660% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 27195 | 18.122 | ug/l | 94 |
| 3) Chloromethane | 1.300 | 50 | 14115 | 10.077 | ug/l | 93 |
| 4) Vinyl Chloride | 1.379 | 62 | 36112 | 27.840 | ug/l | 98 |
| 5) Bromomethane | 1.617 | 94 | 12608 | 14.323 | ug/l | 92 |
| 6) Chloroethane | 1.696 | 64 | 21902 | 28.735 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 61799 | 24.842 | ug/l | 98 |
| 8) Diethyl Ether | 2.129 | 74 | 20019 | 28.600 | ug/l | 94 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 33915 | 21.529 | ug/l | 99 |
| 10) Methyl Iodide | 2.458 | 142 | 121848 | 61.528 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.934 | 59 | 16210 | 79.768 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.324 | 96 | 31747 | 20.715 | ug/l | 98 |
| 13) Acrolein | 2.233 | 56 | 25338 | 122.255 | ug/l | 100 |
| 14) Allyl chloride | 2.666 | 41 | 54311 | 21.344 | ug/l | 95 |
| 15) Acrylonitrile | 3.056 | 53 | 70500 | 96.210 | ug/l | 99 |
| 16) Acetone | 2.367 | 43 | 48526 | 69.111 | ug/l | 98 |
| 17) Carbon Disulfide | 2.513 | 76 | 88439 | 18.310 | ug/l | 98 |
| 18) Methyl Acetate | 2.696 | 43 | 29292 | 19.976 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 105877 | 20.250 | ug/l | 100 |
| 20) Methylene Chloride | 2.788 | 84 | 34512 | 20.172 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 3.086 | 96 | 34044 | 20.223 | ug/l | 98 |
| 22) Diisopropyl ether | 3.745 | 45 | 118430 | 23.336 | ug/l | 99 |
| 23) Vinyl Acetate | 3.708 | 43 | 423009 | 104.344 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.599 | 63 | 65078 | 21.207 | ug/l | 98 |
| 25) 2-Butanone | 4.531 | 43 | 75222 | 84.639 | ug/l | 95 |
| 26) 2,2-Dichloropropane | 4.464 | 77 | 56864 | 20.530 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.476 | 96 | 39206 | 19.955 | ug/l | 96 |
| 28) Bromochloromethane | 4.879 | 49 | 27053 | 21.261 | ug/l | 97 |
| 29) Tetrahydrofuran | 4.982 | 42 | 51748 | 97.222 | ug/l | 99 |
| 30) Chloroform | 5.074 | 83 | 68186 | 20.797 | ug/l | 99 |
| 31) Cyclohexane | 5.452 | 56 | 57458 | 22.616 | ug/l | 89 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 62899 | 20.816 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.677 | 75 | 46219 | 19.958 | ug/l | 96 |
| 37) Ethyl Acetate | 4.690 | 43 | 41061 | 21.391 | ug/l # | 95 |
| 38) Carbon Tetrachloride | 5.659 | 117 | 52919 | 18.522 | ug/l | 95 |
| 39) Methylcyclohexane | 7.366 | 83 | 56949 | 20.823 | ug/l | 98 |
| 40) Benzene | 6.019 | 78 | 135581 | 20.165 | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.891 | 41 | 20984 | 20.817 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 52014 | 20.965 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.318 | 43 | 68756 | 21.807 | ug/l | | 99 |
| 44) Trichloroethene | 7.104 | 130 | 34170 | 19.247 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.409 | 63 | 33220 | 20.781 | ug/l | | 99 |
| 46) Dibromomethane | 7.561 | 93 | 24750 | 19.873 | ug/l | | 98 |
| 47) Bromodichloromethane | 7.805 | 83 | 52628 | 19.571 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.677 | 41 | 33315 | 20.939 | ug/l | | 96 |
| 49) 1,4-Dioxane | 7.641 | 88 | 7180 | 341.585 | ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 189499 | 104.240 | ug/l | | 99 |
| 52) Toluene | 8.701 | 92 | 84824 | 19.859 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.963 | 75 | 49569 | 19.129 | ug/l | | 96 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 52191 | 18.668 | ug/l | | 95 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 31755 | 19.991 | ug/l | | 95 |
| 56) Ethyl methacrylate | 9.098 | 69 | 45976 | 19.789 | ug/l | | 97 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 53530 | 19.729 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 118629 | 96.012 | ug/l | | 99 |
| 59) 2-Hexanone | 9.415 | 43 | 125025 | 98.630 | ug/l | | 98 |
| 60) Dibromochloromethane | 9.506 | 129 | 38132 | 17.861 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.591 | 107 | 32346 | 19.101 | ug/l | | 98 |
| 64) Tetrachloroethene | 9.256 | 164 | 32600 | 20.904 | ug/l | | 97 |
| 65) Chlorobenzene | 10.061 | 112 | 93252 | 19.844 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 32783 | 18.993 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 163786 | 20.471 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.286 | 106 | 122538 | 41.221 | ug/l | | 99 |
| 69) o-Xylene | 10.622 | 106 | 57644 | 20.085 | ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 98123 | 20.079 | ug/l | | 98 |
| 71) Bromoform | 10.780 | 173 | 23162 | 16.790 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 156349 | 20.669 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 58990 | 21.985 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 39902 | 19.317 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 41247 | 24.560 | ug/l | | 82 |
| 77) Bromobenzene | 11.176 | 156 | 36110 | 19.039 | ug/l | | 98 |
| 78) n-propylbenzene | 11.286 | 91 | 186273 | 21.269 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 111240 | 20.949 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.432 | 105 | 129782 | 20.733 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 8393 | 12.159 | ug/l | # | 53 |
| 82) 4-Chlorotoluene | 11.432 | 91 | 129943 | 20.615 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.695 | 119 | 128952 | 20.049 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.731 | 105 | 129443 | 20.720 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.871 | 105 | 165405 | 21.376 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.987 | 119 | 137775 | 20.599 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 68516 | 19.162 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 69433 | 18.745 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.316 | 91 | 127603 | 20.961 | ug/l | | 100 |
| 90) Hexachloroethane | 12.518 | 117 | 22551 | 17.074 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.316 | 146 | 64650 | 19.258 | ug/l | | 97 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 7646 | 18.235 | ug/l | | 92 |
| 93) 1,2,4-Trichlorobenzene | 13.566 | 180 | 42595 | 18.762 | ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.706 | 225 | 18776 | 22.108 | ug/l | | 95 |
| 95) Naphthalene | 13.755 | 128 | 112756 | 18.747 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.944 | 180 | 39822 | 19.115 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

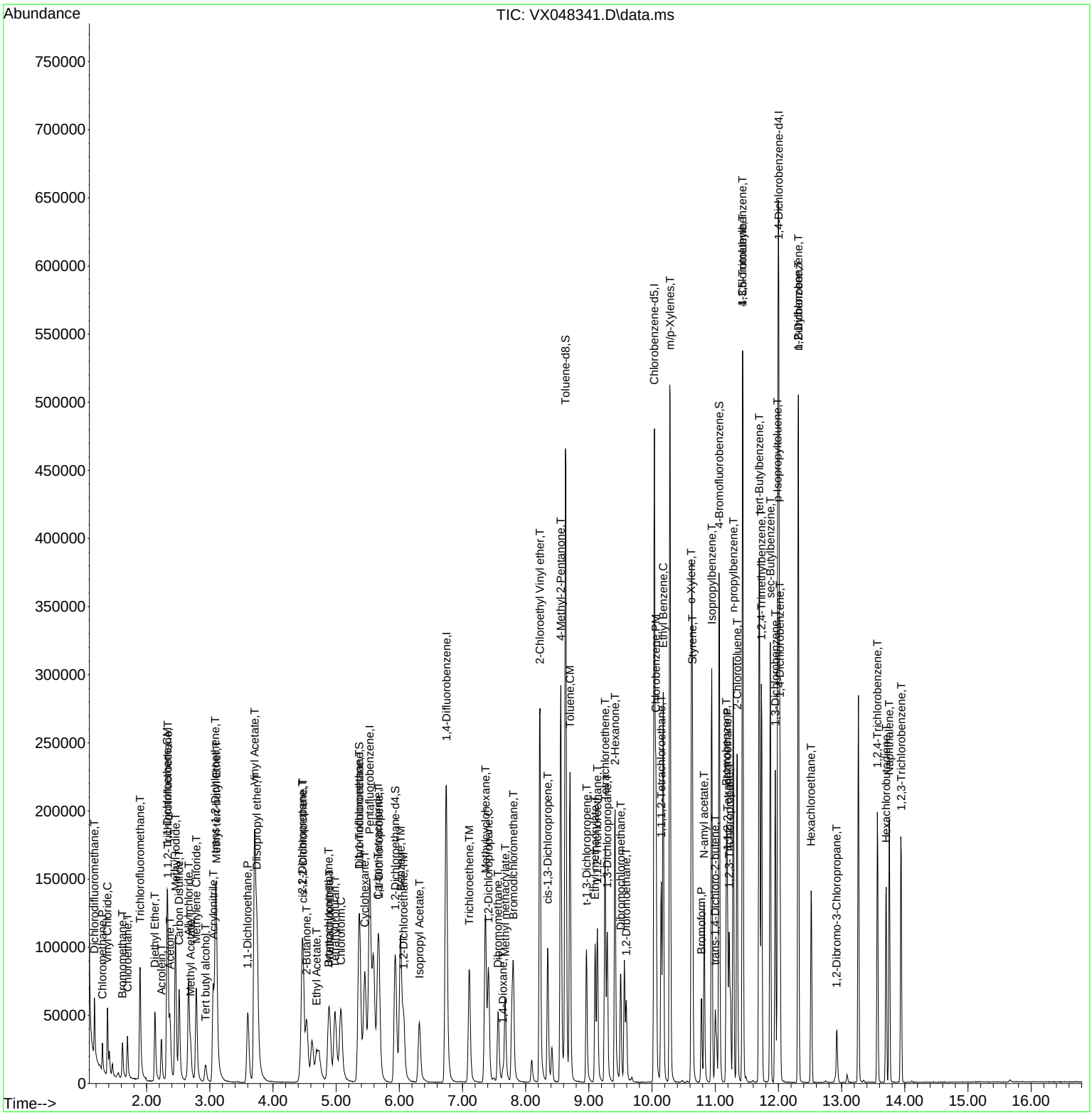
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

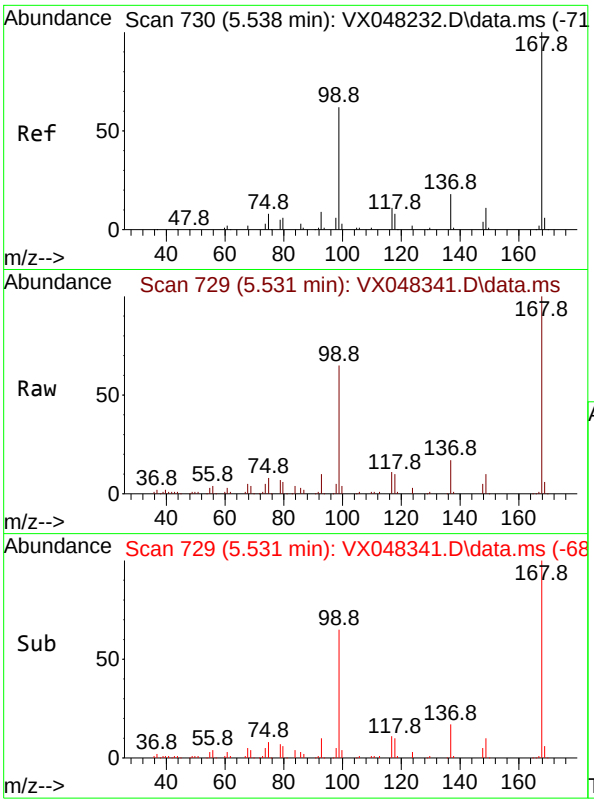
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



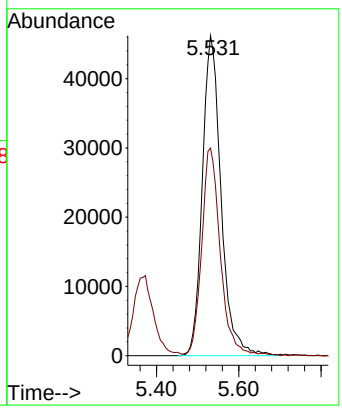


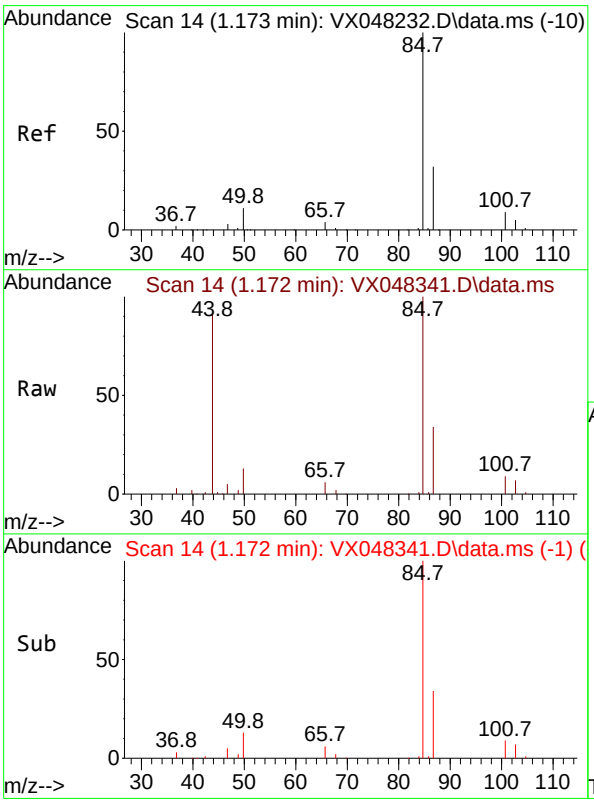

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:168 Resp: 145979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 64.6 | 46.4 | 69.6 |

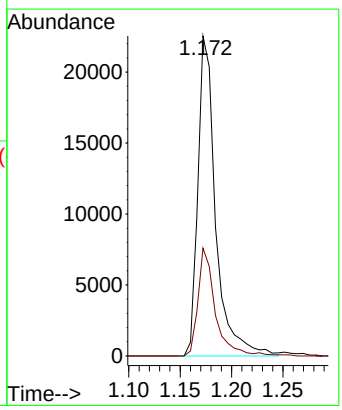


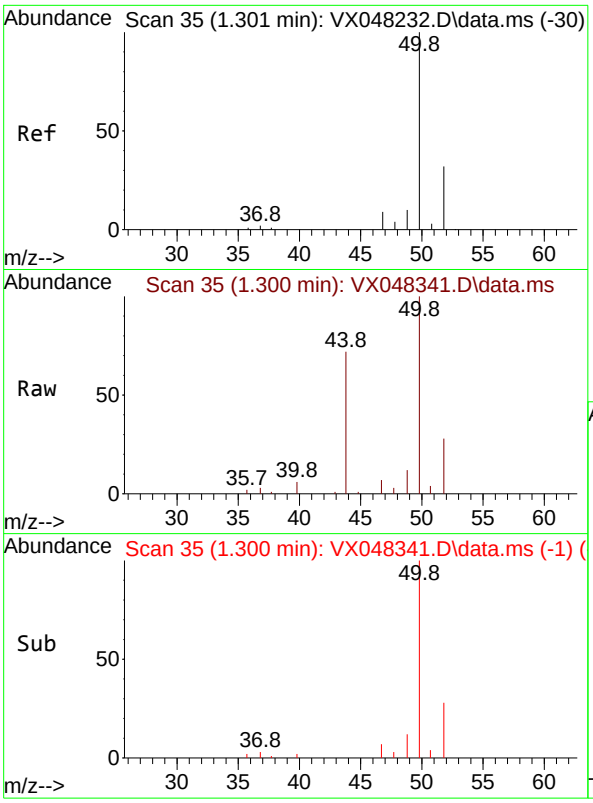




#2
Dichlorodifluoromethane
Concen: 18.122 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 85 Resp: 27195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.7 | 15.3 | 45.9 |



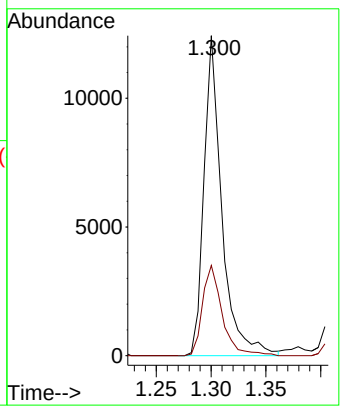


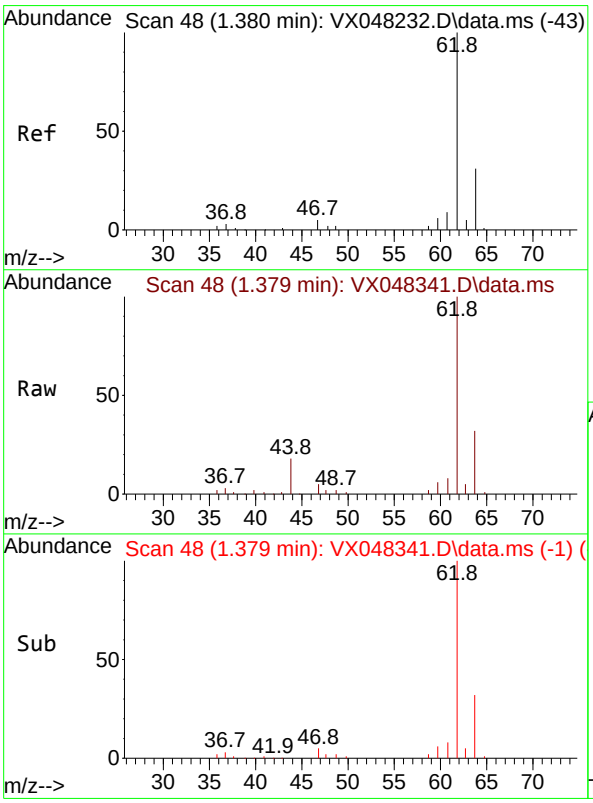

#3
Chloromethane
Concen: 10.077 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 50 Resp: 14115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.2 | 25.9 | 38.9 |

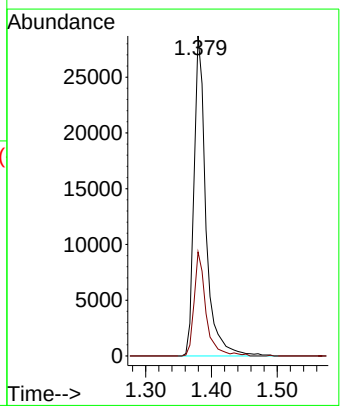


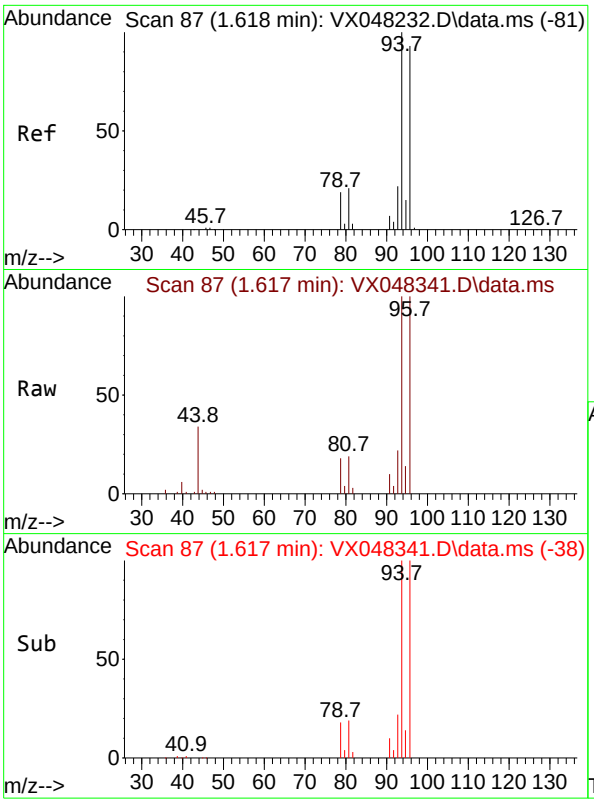




#4
Vinyl Chloride
Concen: 27.840 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 62 Resp: 36112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.5 | 25.1 | 37.7 |



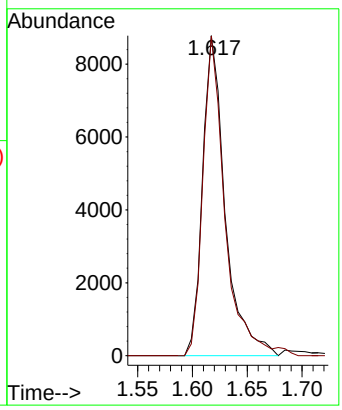


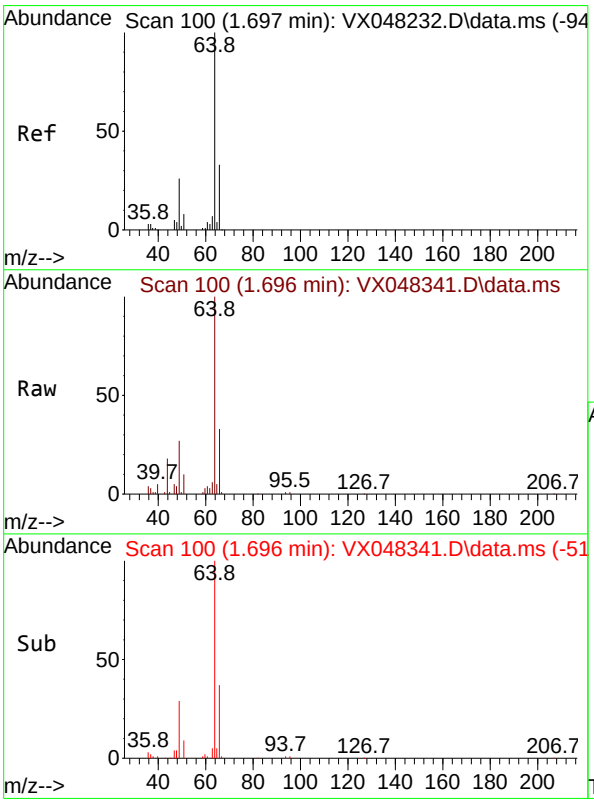

#5
Bromomethane
Concen: 14.323 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 94 Resp: 12608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 87.6 | 76.0 | 114.0 |

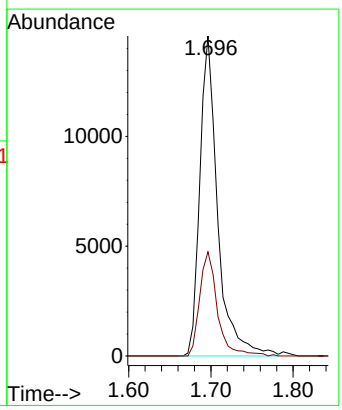


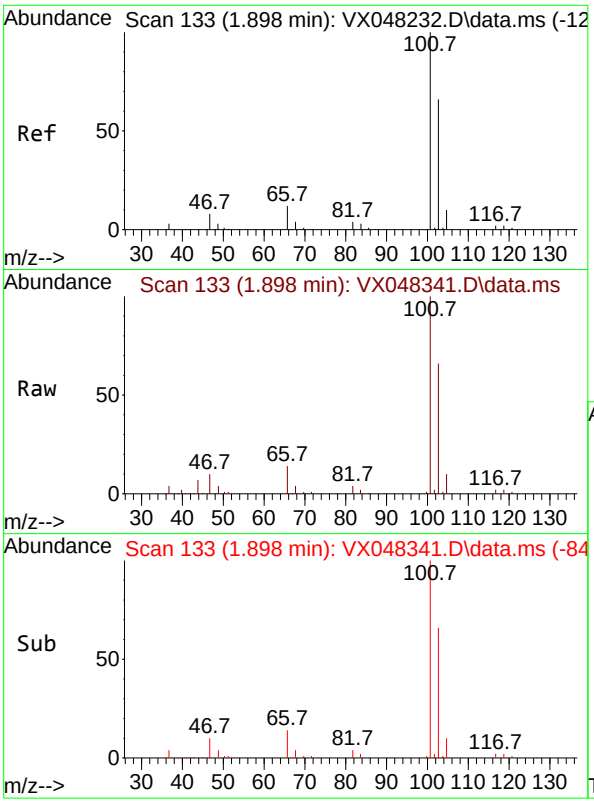




#6
Chloroethane
Concen: 28.735 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 64 Resp: 21902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.6 | 23.9 | 35.9 |



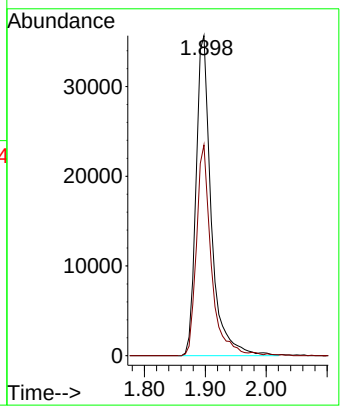


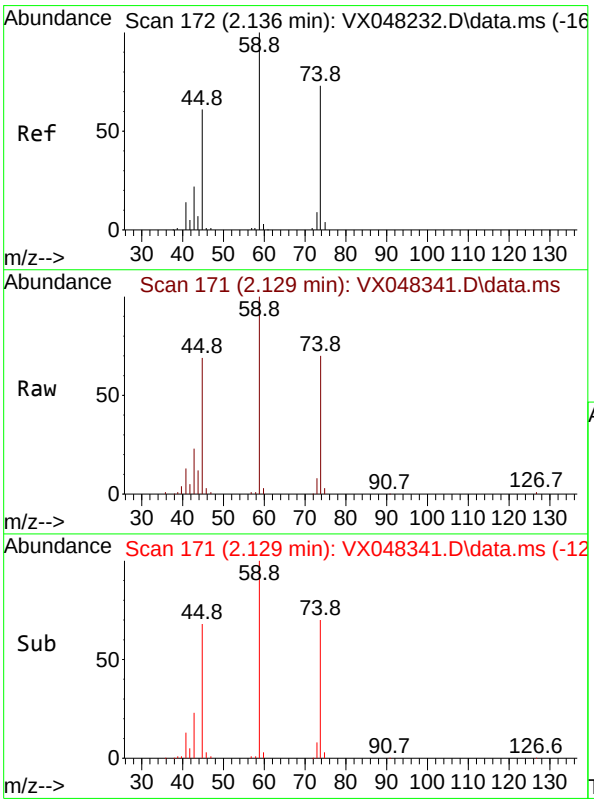

#7
Trichlorofluoromethane
Concen: 24.842 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:101 Resp: 61799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.9 | 51.6 | 77.4 |

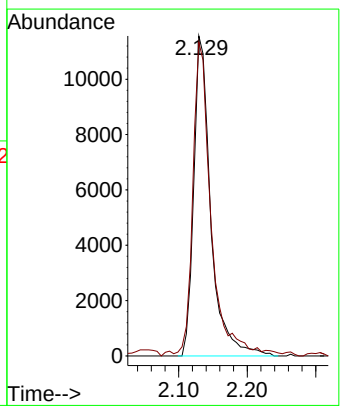


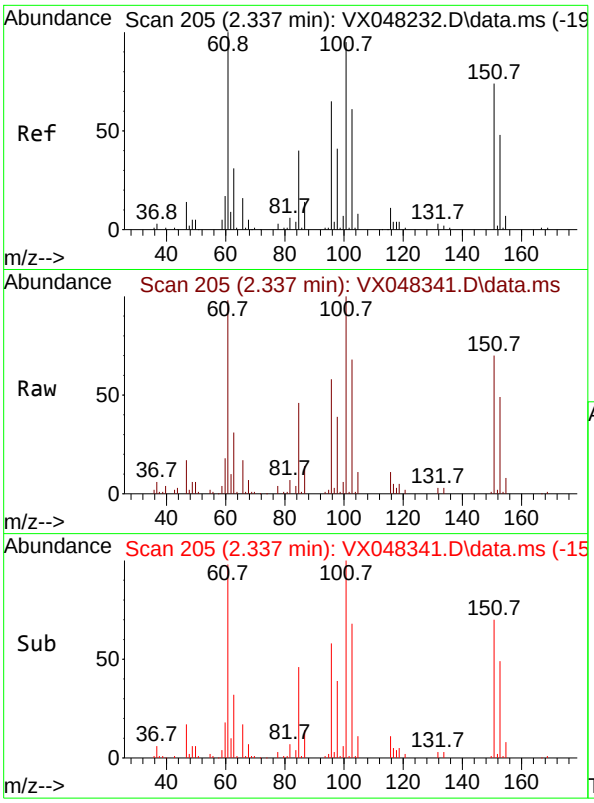




#8
Diethyl Ether
Concen: 28.600 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 74 Resp: 20019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 106.0 | 50.0 | 149.8 |



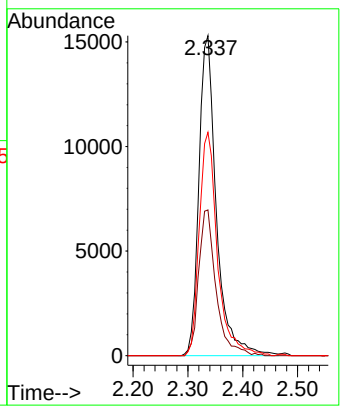


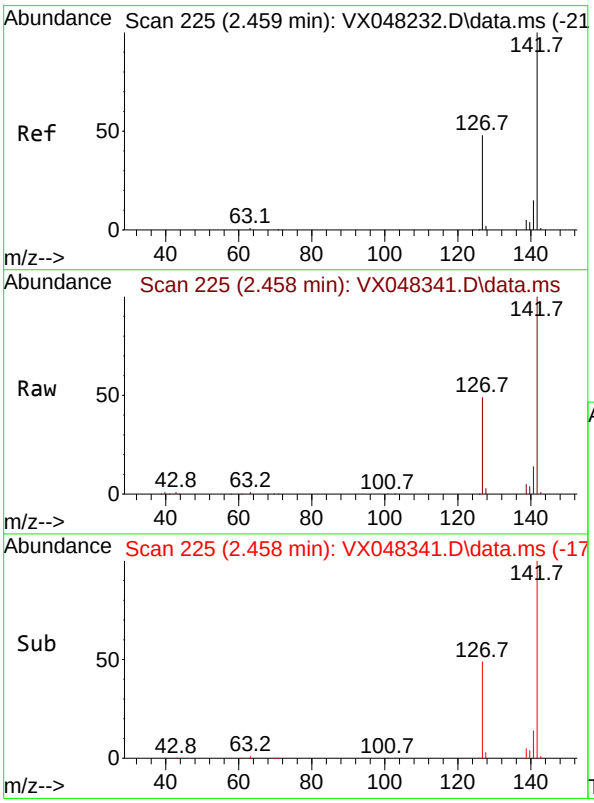

#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.529 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:101 Resp: 33915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.5 | 35.6 | 53.4 |
| 151 | 72.7 | 58.0 | 87.0 |

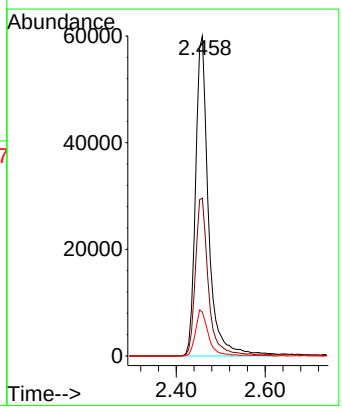


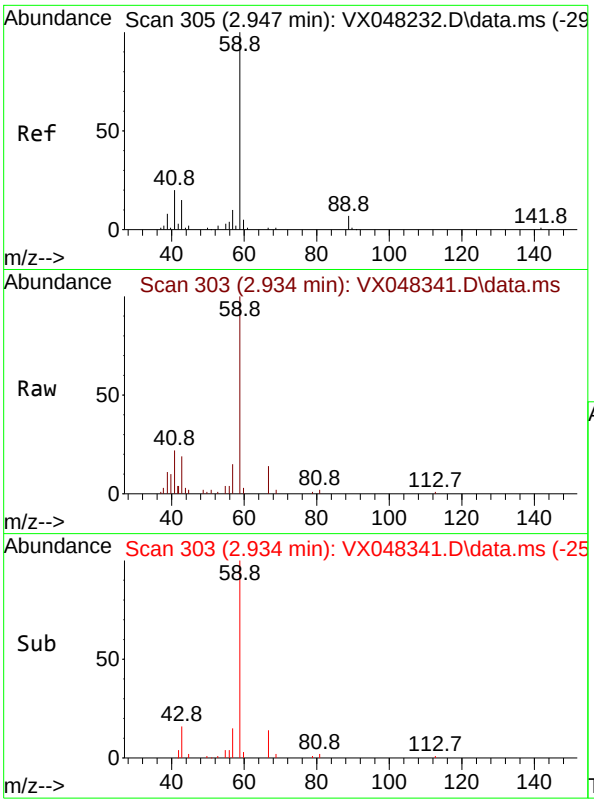




#10
Methyl Iodide
Concen: 61.528 ug/l
RT: 2.458 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:142 Resp: 121848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 49.5 | 38.5 | 57.7 |
| 141 | 14.6 | 11.6 | 17.4 |



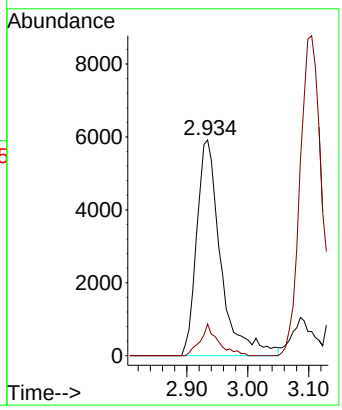


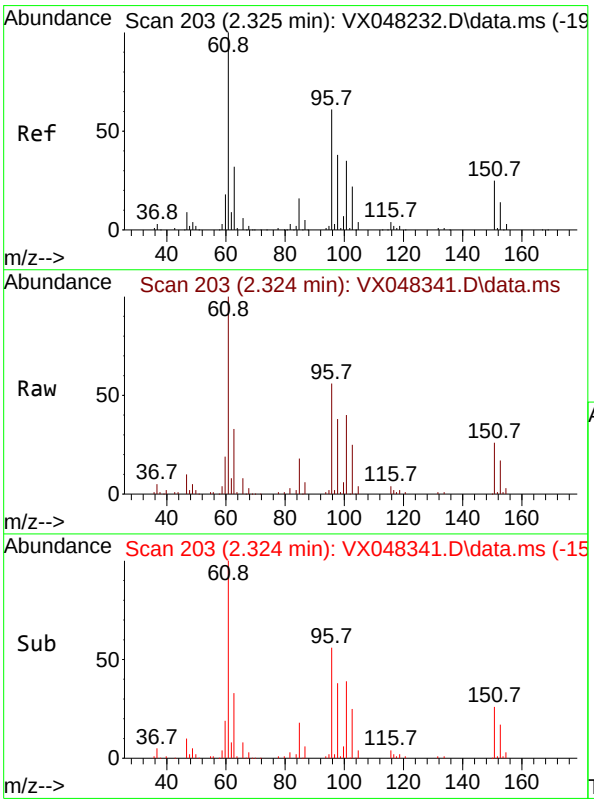

#11
Tert butyl alcohol
Concen: 79.768 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 59 Resp: 16210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.0 | 8.2 | 12.4 |

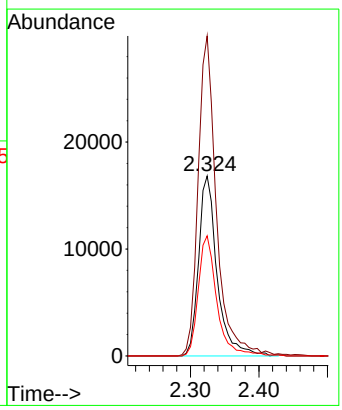


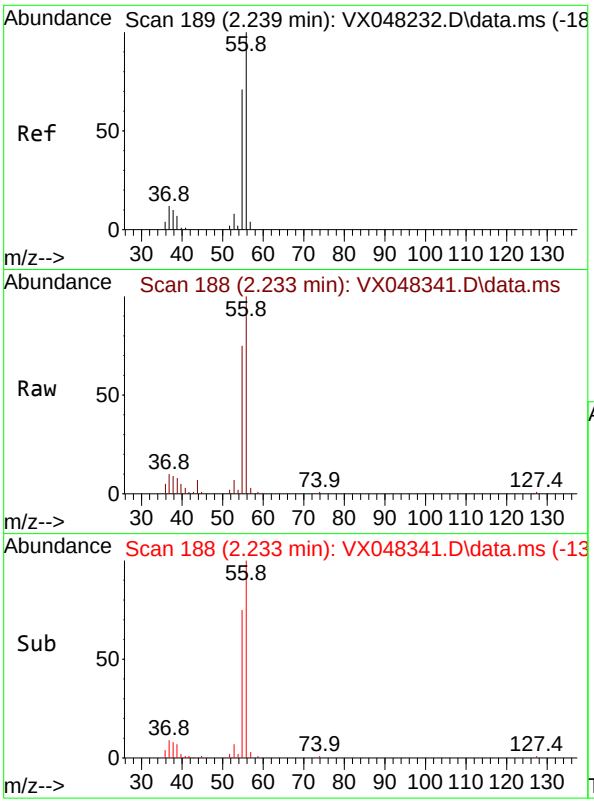




#12
1,1-Dichloroethene
Concen: 20.715 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 96 Resp: 31747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 177.7 | 139.0 | 208.6 |
| 98 | 66.7 | 52.4 | 78.6 |



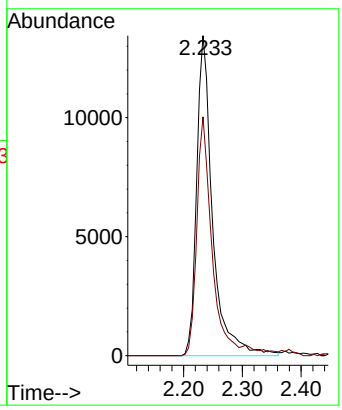


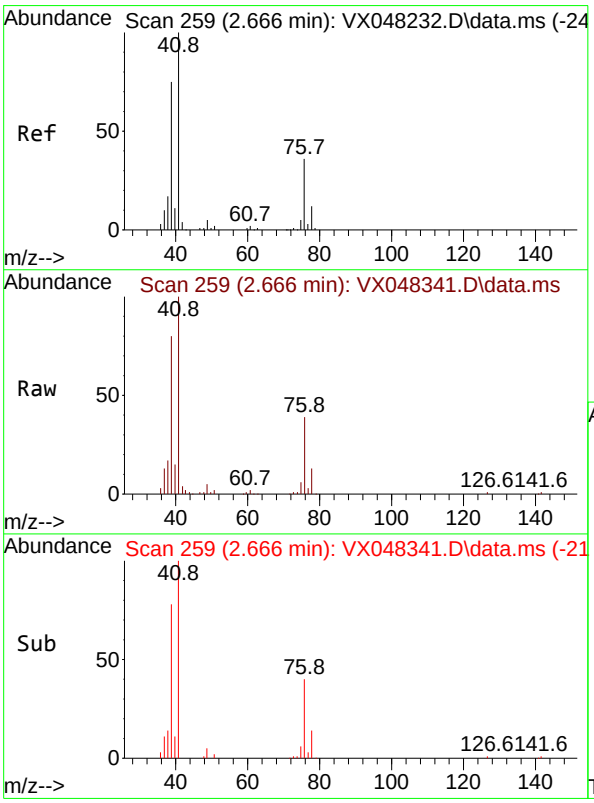

#13
Acrolein
Concen: 122.255 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 56 Resp: 25338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.1 | 56.1 | 84.1 |

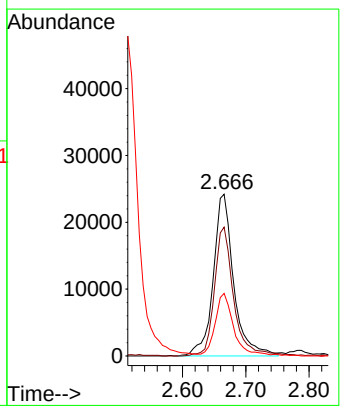


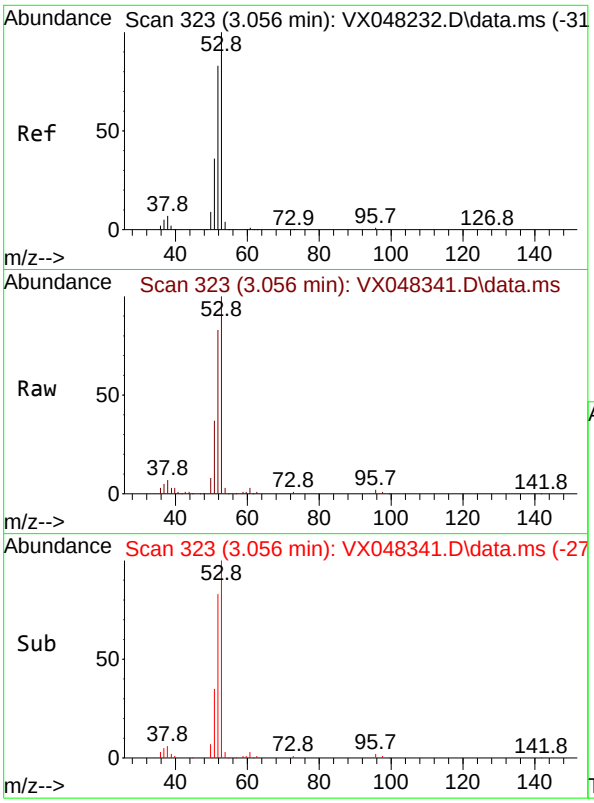




#14
Allyl chloride
Concen: 21.344 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 41 Resp: 54311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 74.9 | 56.0 | 84.0 |
| 76 | 35.5 | 27.5 | 41.3 |



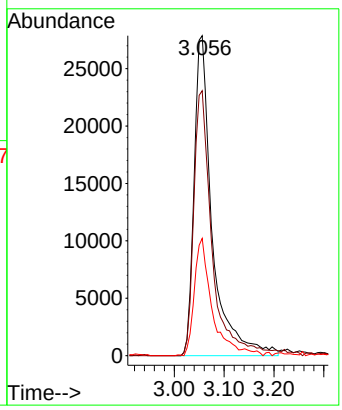


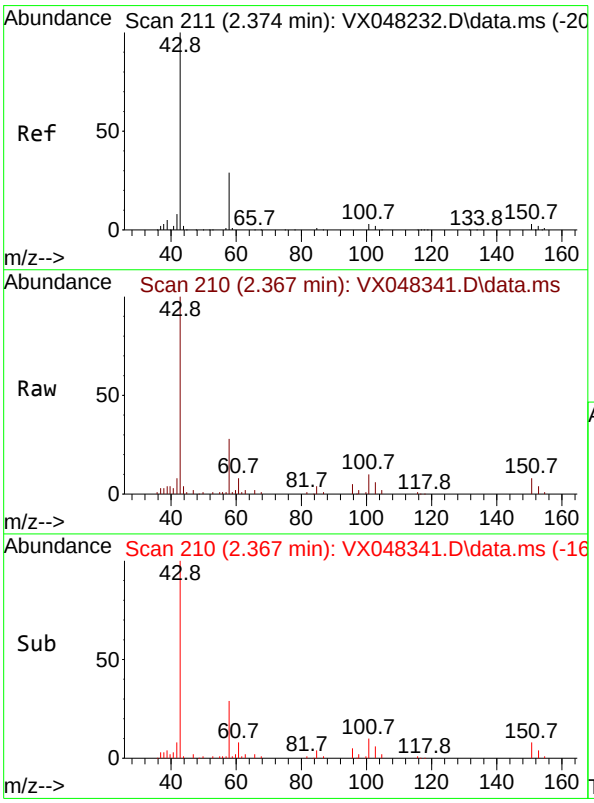

#15
Acrylonitrile
Concen: 96.210 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 53 Resp: 70500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.5 | 66.1 | 99.1 |
| 51 | 36.1 | 29.0 | 43.4 |

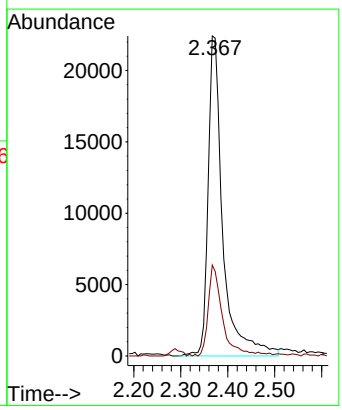


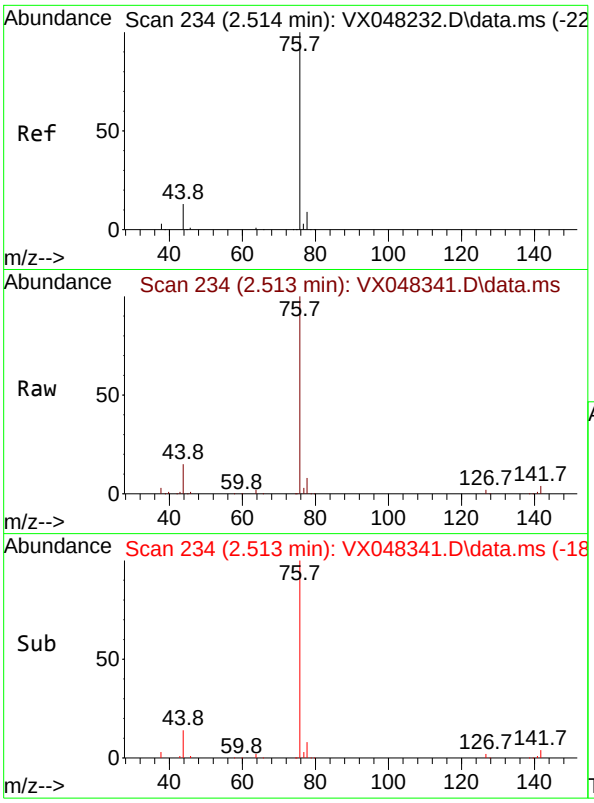




#16
Acetone
Concen: 69.111 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 48526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 23.4 | 35.2 |



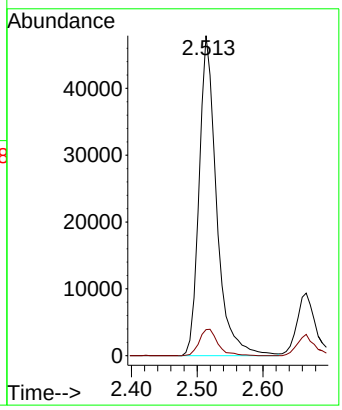


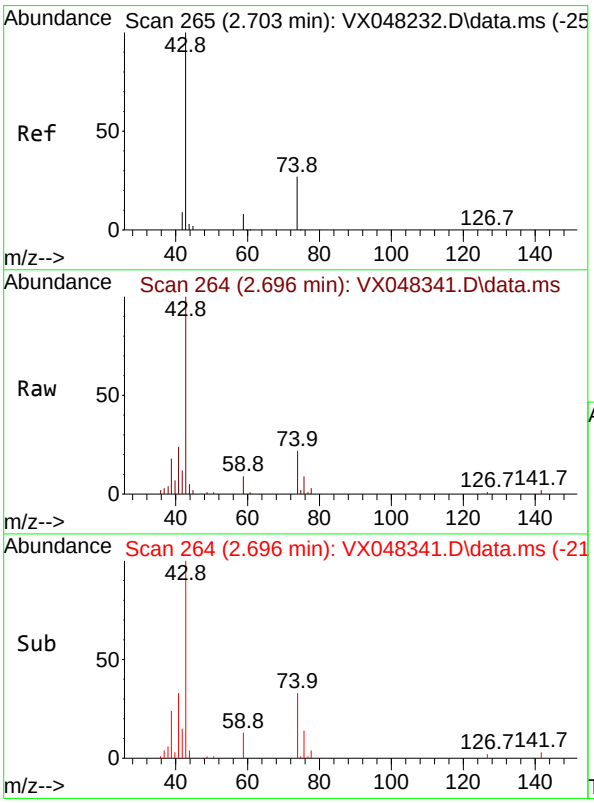

#17
Carbon Disulfide
Concen: 18.310 ug/l
RT: 2.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 76 Resp: 88439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.2 | 7.1 | 10.7 |

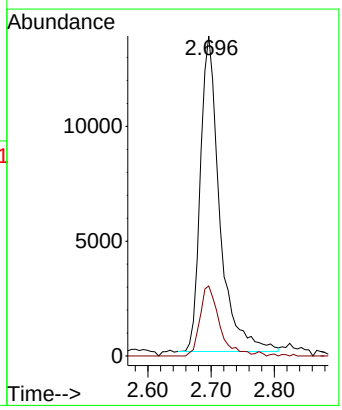


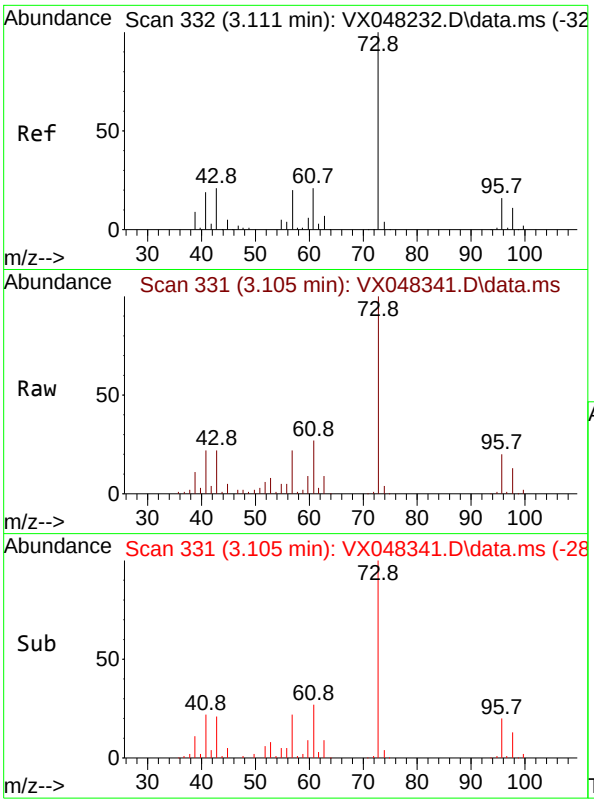




#18
Methyl Acetate
Concen: 19.976 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 29292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.2 | 17.5 | 26.3 |



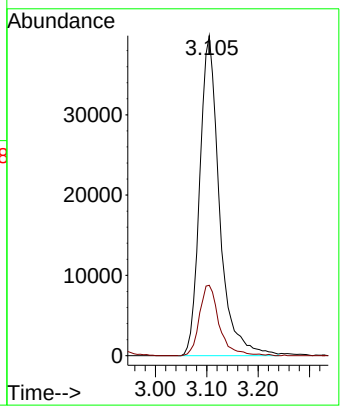


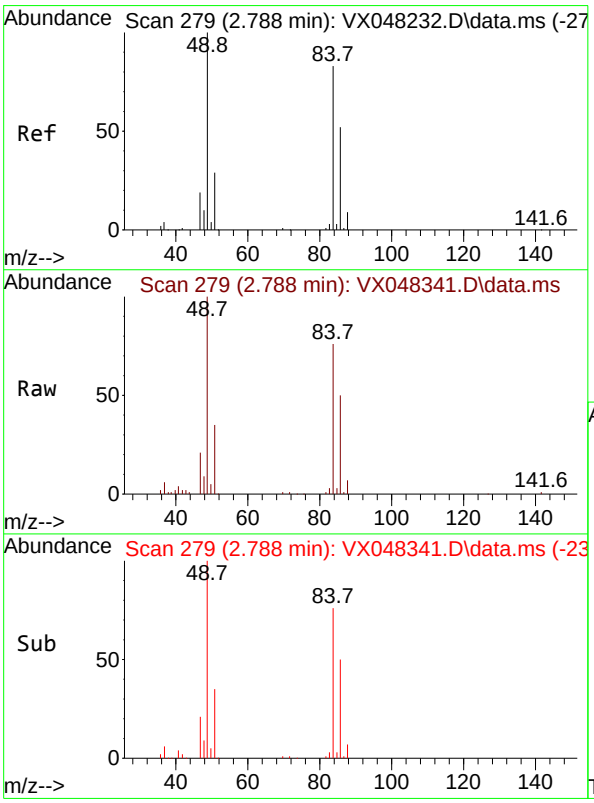

#19
Methyl tert-butyl Ether
Concen: 20.250 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 73 Resp: 105877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.0 | 17.7 | 26.5 |

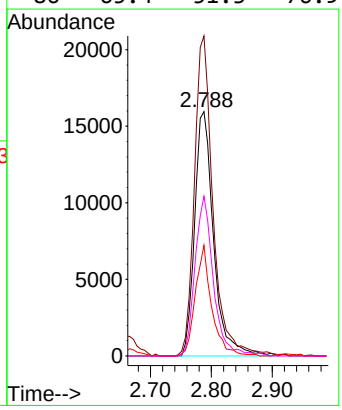


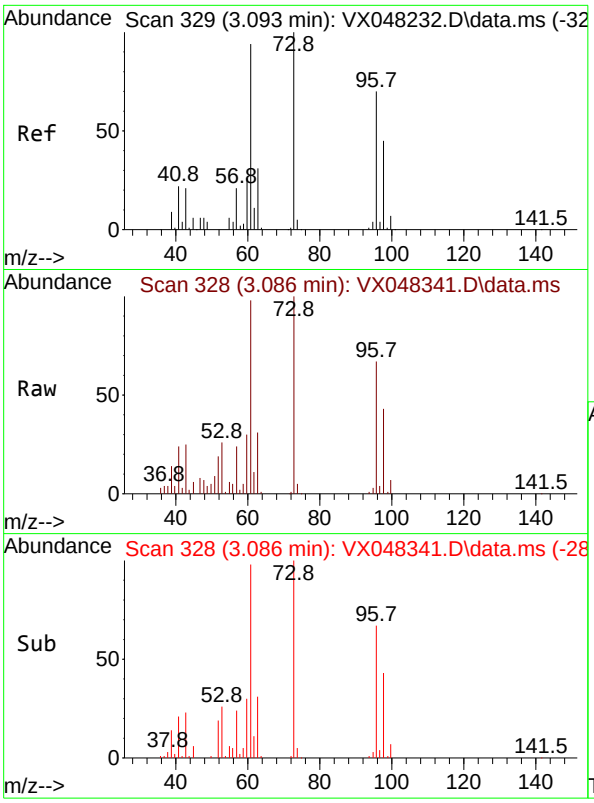




#20
Methylene Chloride
Concen: 20.172 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 84 Resp: 34512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 130.5 | 104.1 | 156.1 |
| 51 | 45.2 | 31.3 | 46.9 |
| 86 | 65.4 | 51.3 | 76.9 |



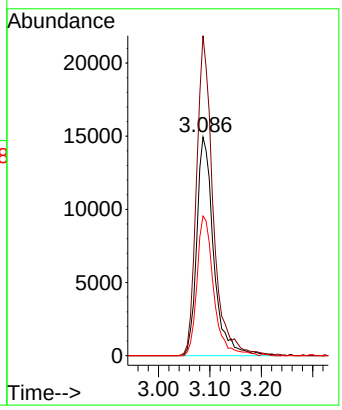


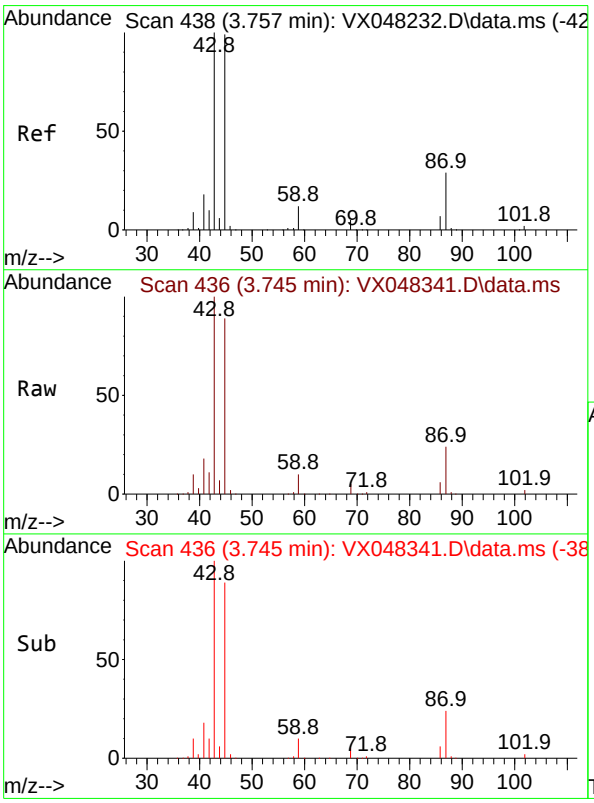

#21
trans-1,2-Dichloroethene
Concen: 20.223 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 96 Resp: 34044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.1 | 111.9 | 167.9 |
| 98 | 60.3 | 51.2 | 76.8 |

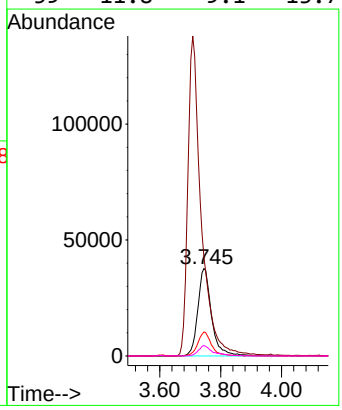


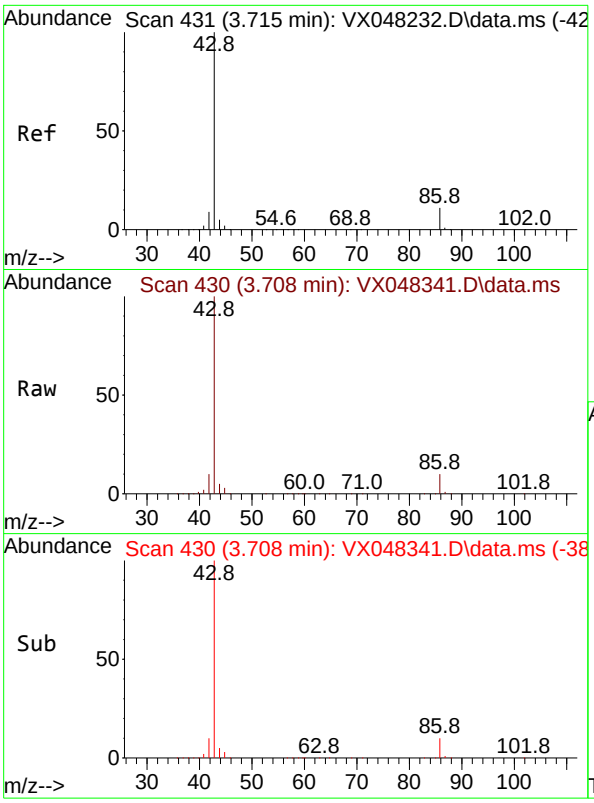




#22
Diisopropyl ether
Concen: 23.336 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 45 Resp: 118430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 112.2 | 89.8 | 134.8 |
| 87 | 27.4 | 20.6 | 31.0 |
| 59 | 11.8 | 9.1 | 13.7 |



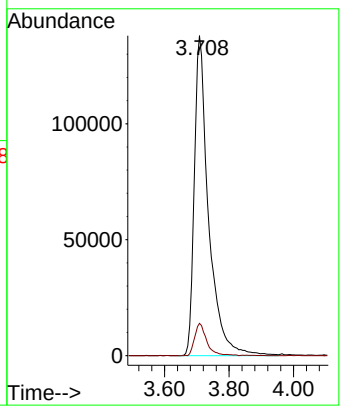


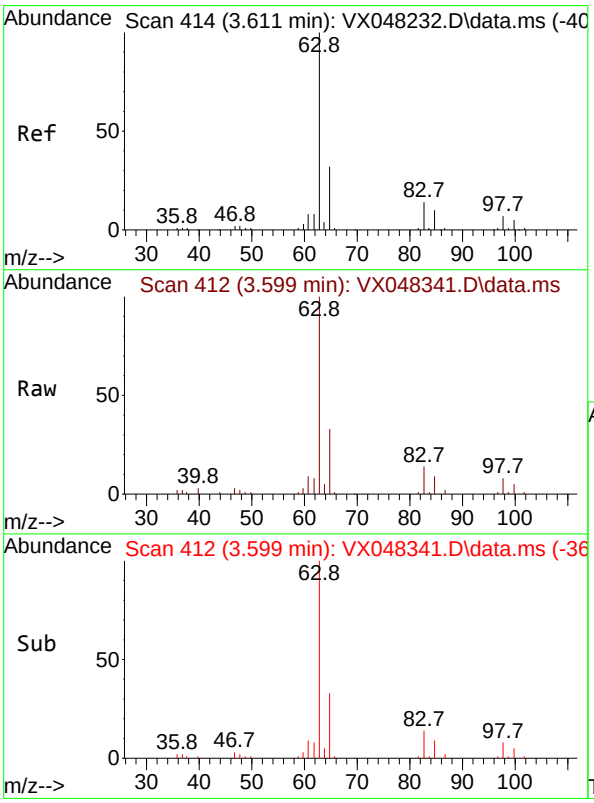

#23
Vinyl Acetate
Concen: 104.344 ug/l
RT: 3.708 min Scan# 4
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 43 Resp: 423009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.1 | 7.9 | 11.9 |

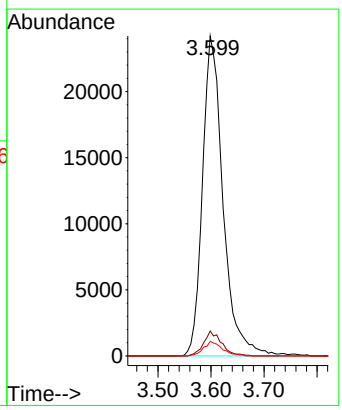


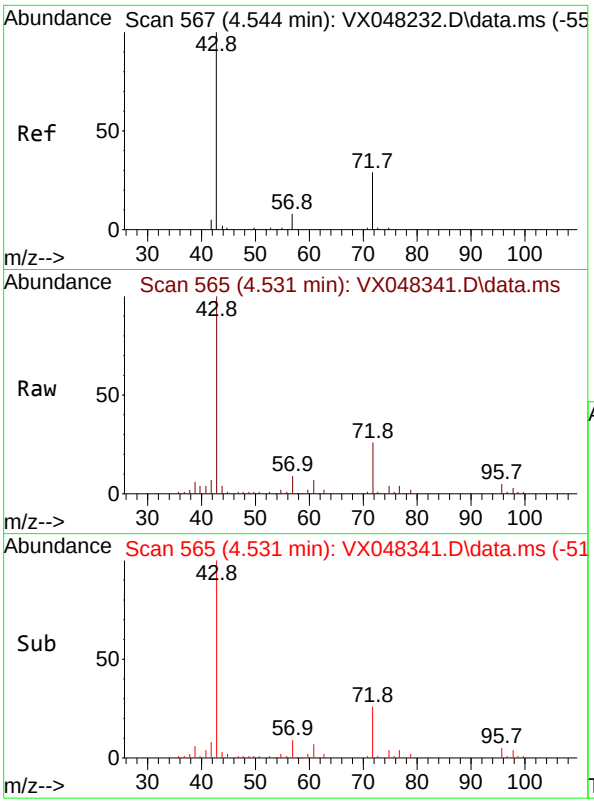




#24
1,1-Dichloroethane
Concen: 21.207 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 63 Resp: 65078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.8 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |



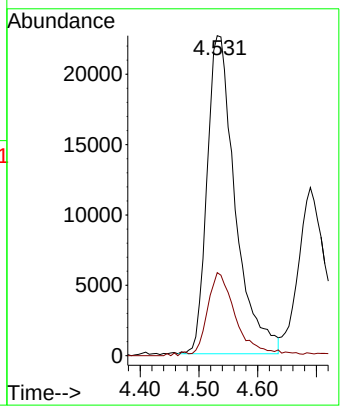


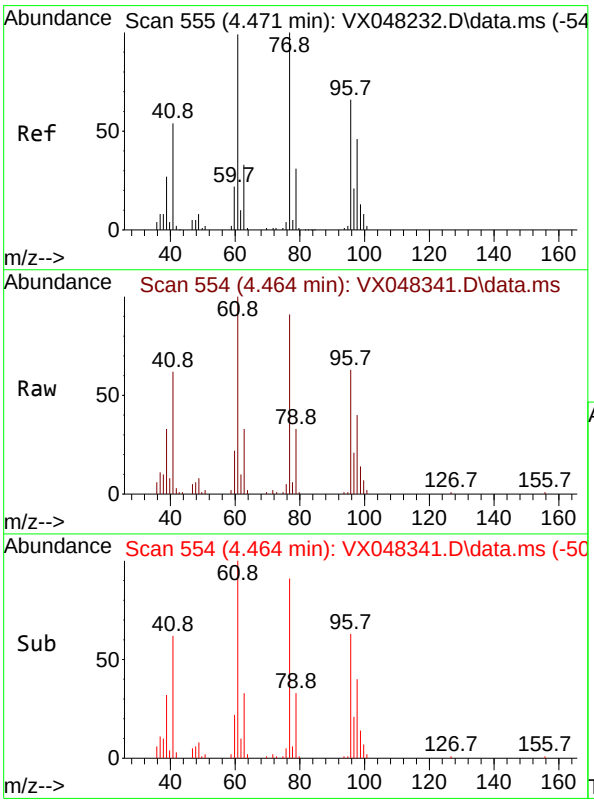

#25
2-Butanone
Concen: 84.639 ug/l
RT: 4.531 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 43 Resp: 75222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.6 | 19.9 | 29.9 |

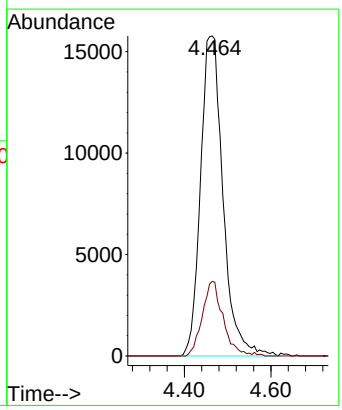


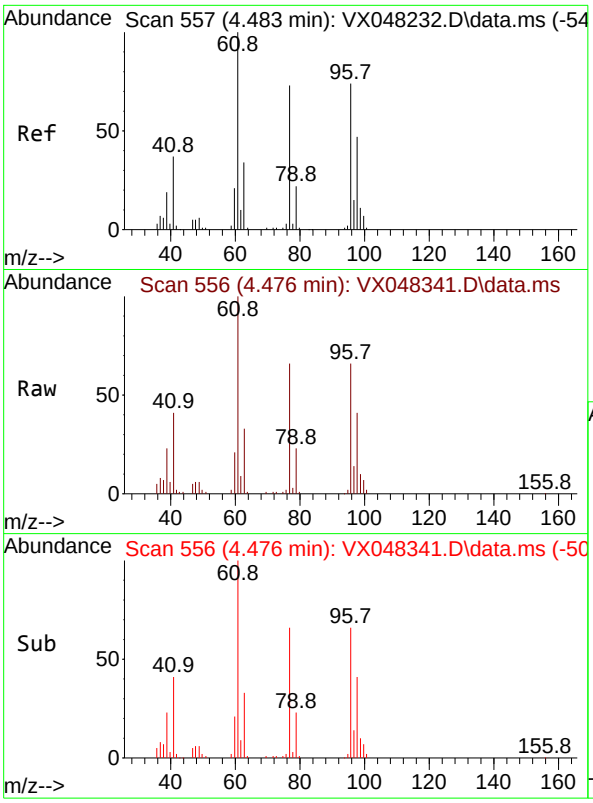




#26
2,2-Dichloropropane
Concen: 20.530 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 77 Resp: 56864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.5 | 11.1 | 33.3 |



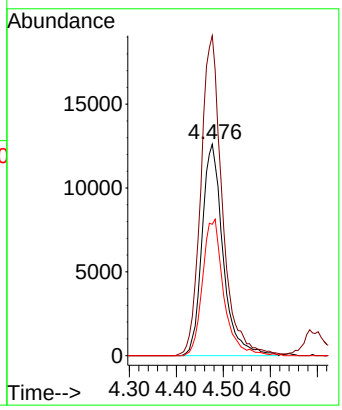


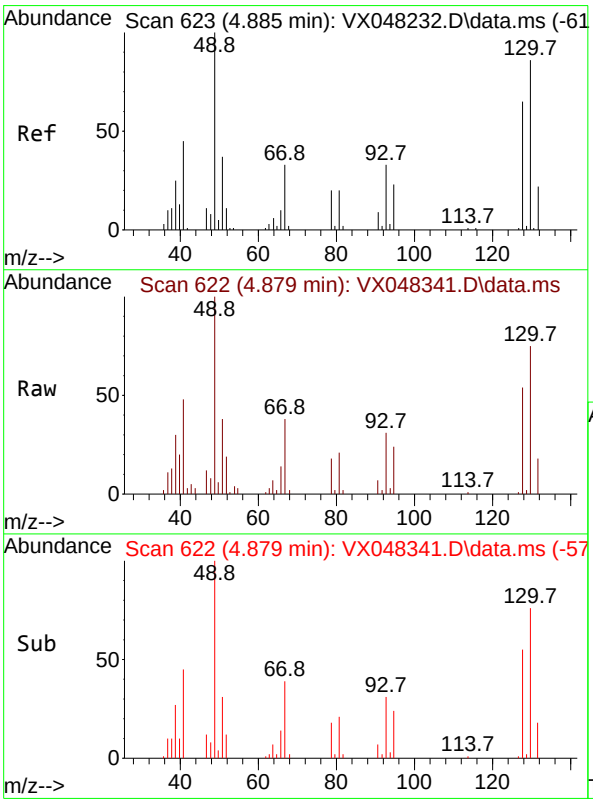

#27
cis-1,2-Dichloroethene
Concen: 19.955 ug/l
RT: 4.476 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 96 Resp: 39206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 154.3 | 0.0 | 294.2 |
| 98 | 64.7 | 0.0 | 128.4 |

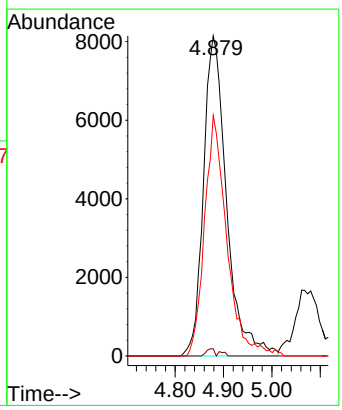


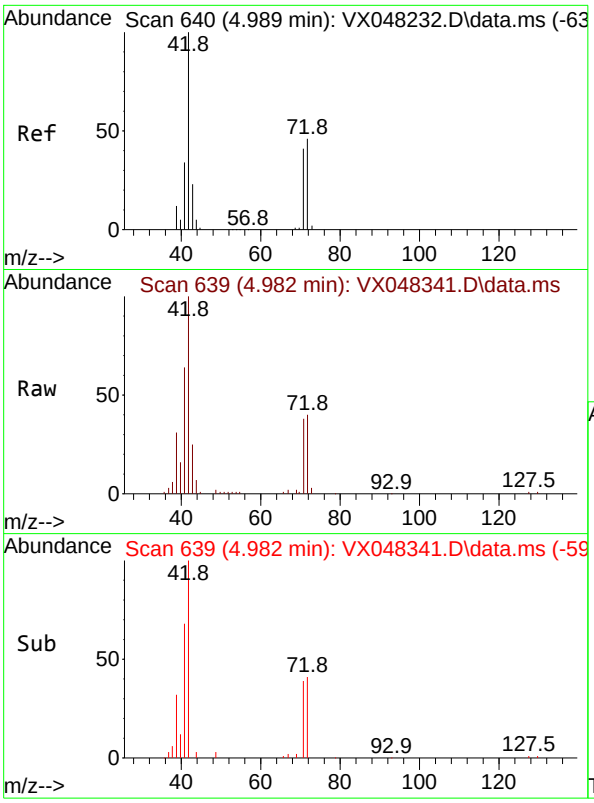




#28
Bromochloromethane
Concen: 21.261 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 49 Resp: 27053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.8 | 0.0 | 4.4 |
| 130 | 71.8 | 59.3 | 88.9 |



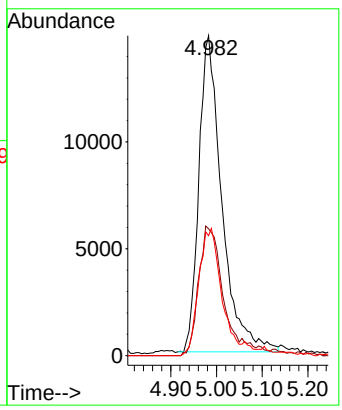


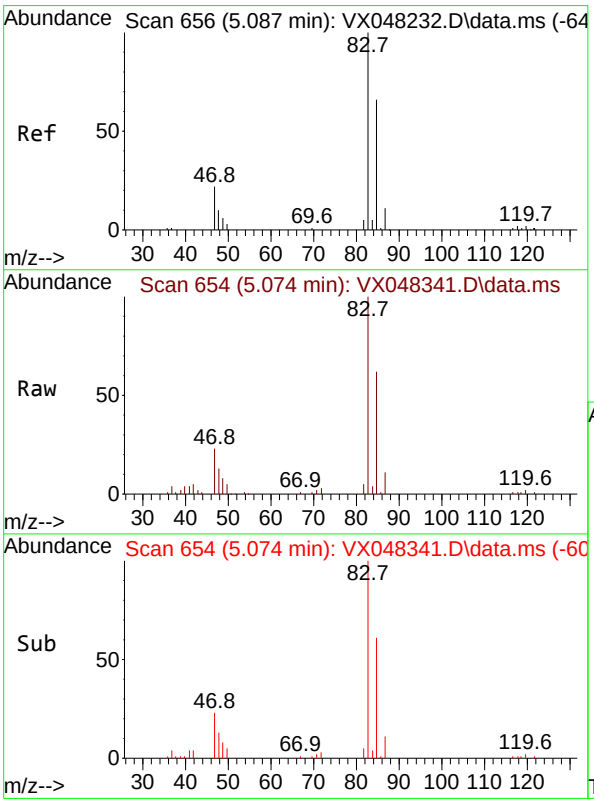

#29
Tetrahydrofuran
Concen: 97.222 ug/l
RT: 4.982 min Scan# 6
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 42 Resp: 51748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 45.0 | 35.3 | 52.9 |
| 71 | 39.6 | 32.2 | 48.4 |

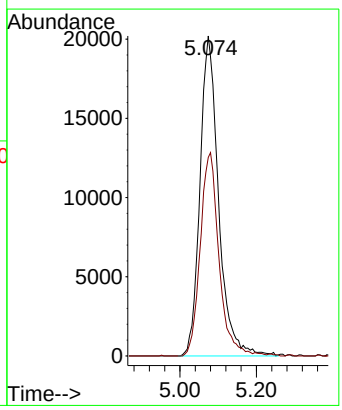


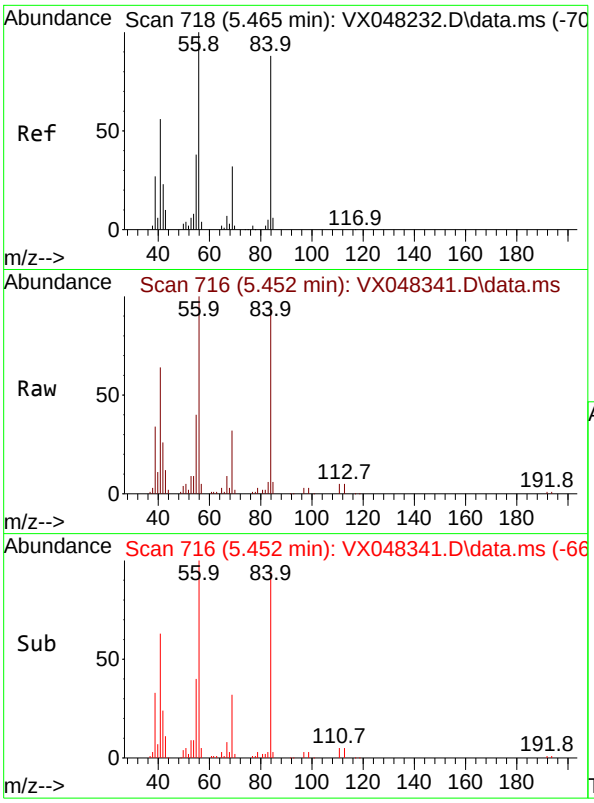




#30
Chloroform
Concen: 20.797 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 83 Resp: 68186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.1 | 50.1 | 75.1 |



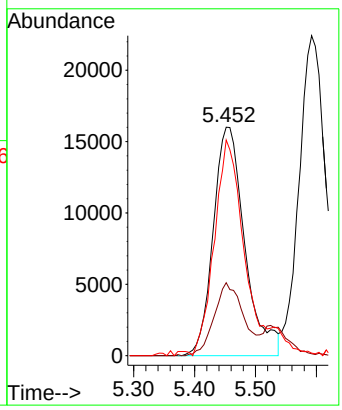


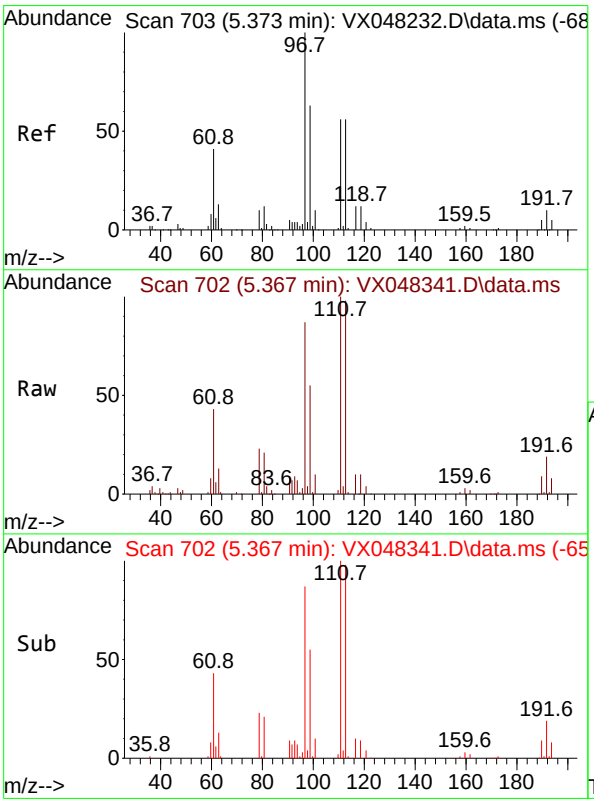

#31
Cyclohexane
Concen: 22.616 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 56 Resp: 57458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.5 | 23.0 | 34.6 |
| 84 | 92.6 | 64.6 | 97.0 |

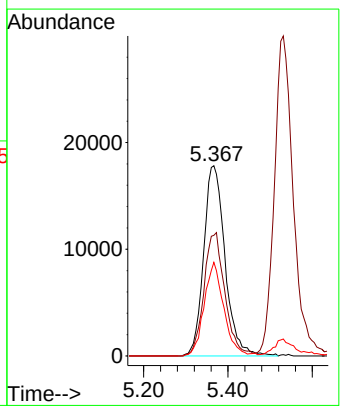


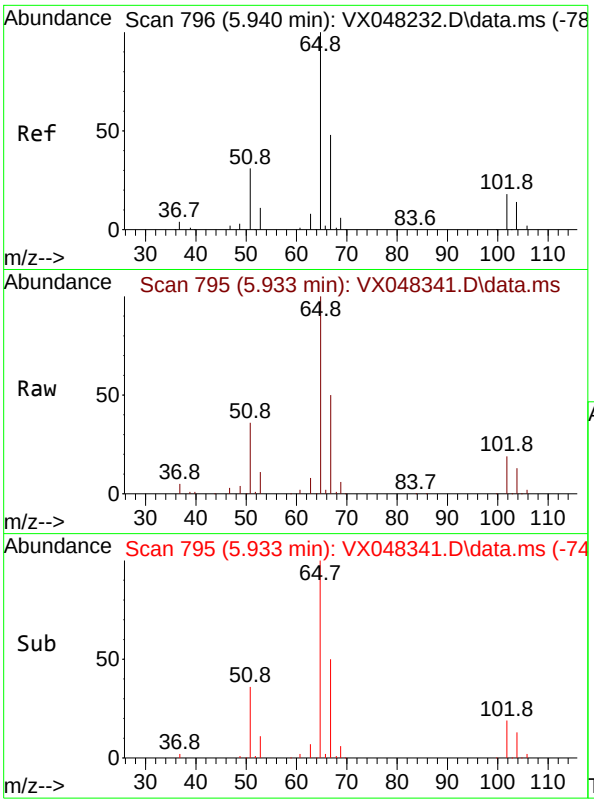




#32
1,1,1-Trichloroethane
Concen: 20.816 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 97 Resp: 62899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.6 | 51.7 | 77.5 |
| 61 | 45.0 | 34.8 | 52.2 |



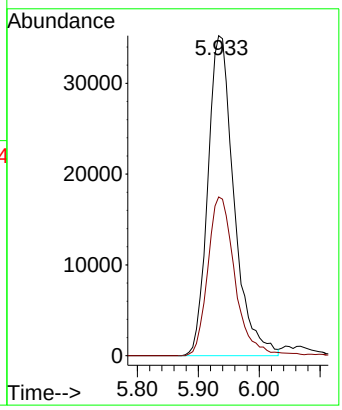


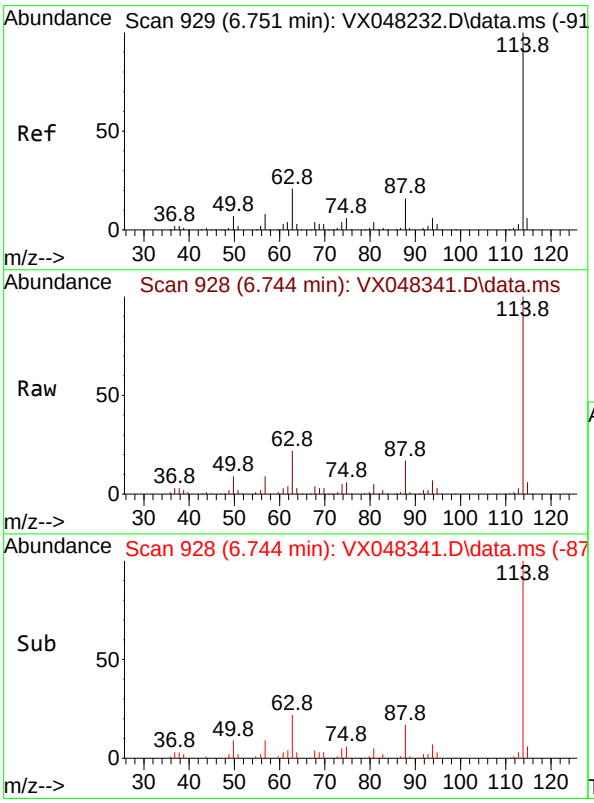

#33
1,2-Dichloroethane-d4
Concen: 51.275 ug/l
RT: 5.933 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 65 Resp: 104947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.5 | 0.0 | 105.0 |

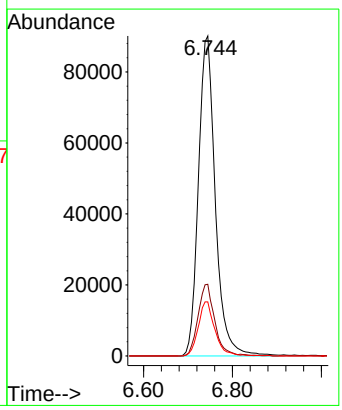


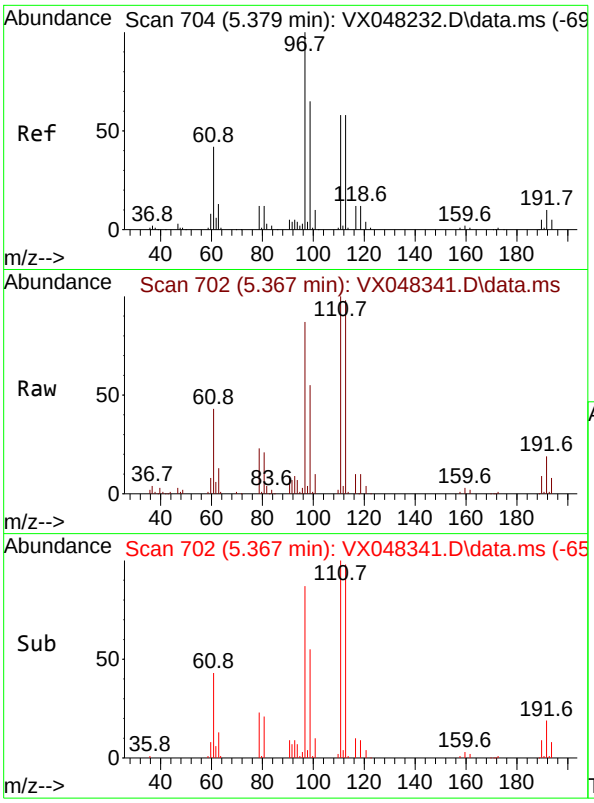




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 928
Delta R.T. -0.001 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:114 Resp: 238661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.4 | 0.0 | 43.2 |
| 88 | 16.9 | 0.0 | 33.6 |



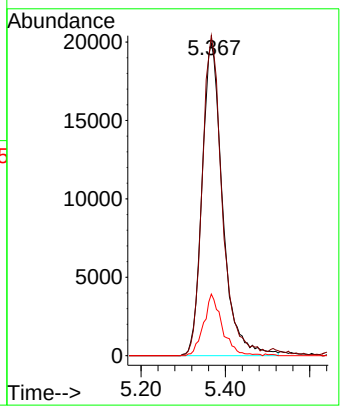


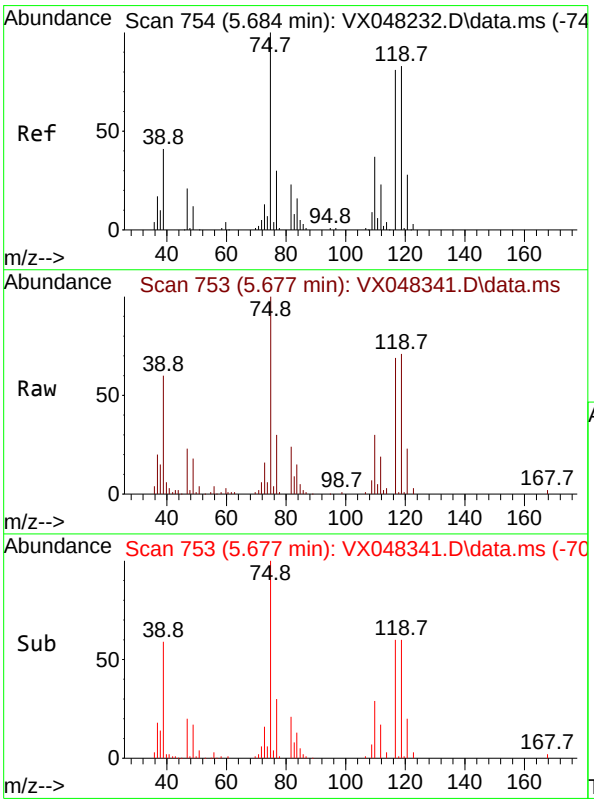

#35
Dibromofluoromethane
Concen: 41.564 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:113 Resp: 67722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 99.9 | 82.2 | 123.4 |
| 192 | 17.8 | 15.1 | 22.7 |

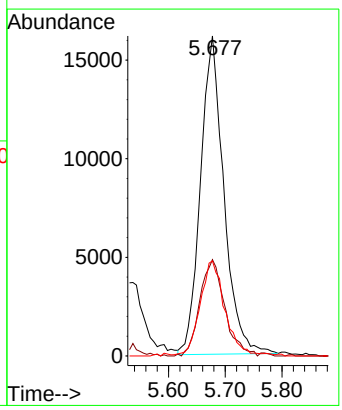


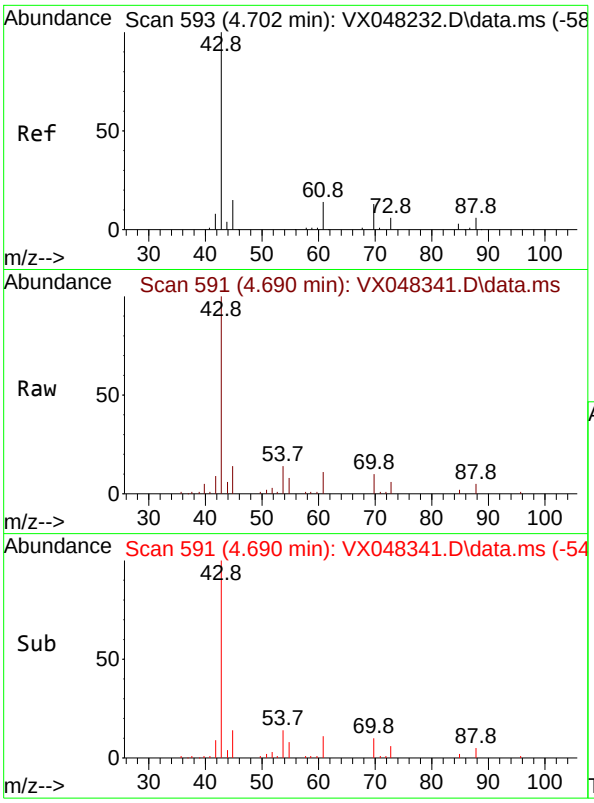




#36
1,1-Dichloropropene
Concen: 19.958 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 46219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 32.2 | 17.7 | 53.1 |
| 77 | 32.0 | 24.3 | 36.5 |



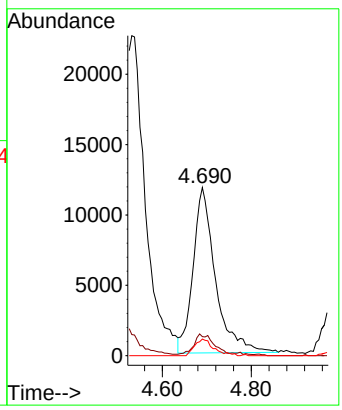


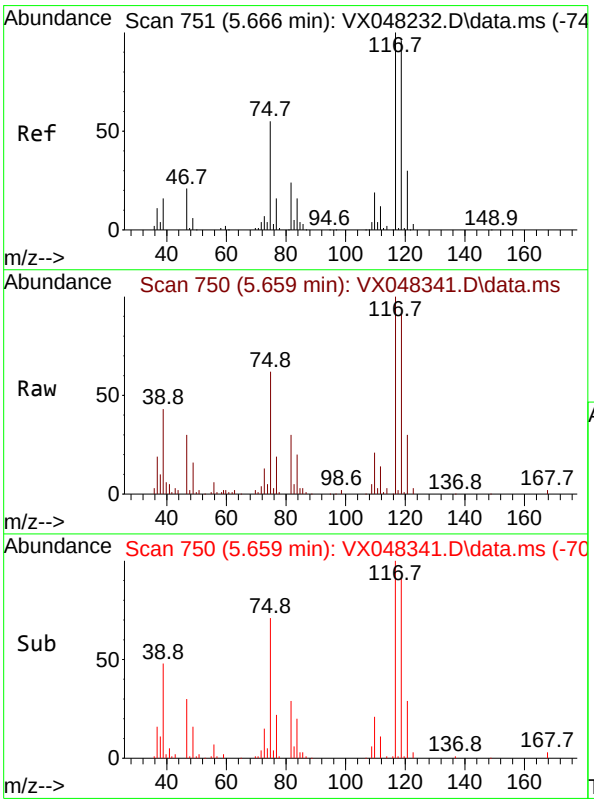

#37
Ethyl Acetate
Concen: 21.391 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 43 Resp: 41061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 10.3 | 10.6 | 15.8# |
| 70 | 8.6 | 7.8 | 11.6 |

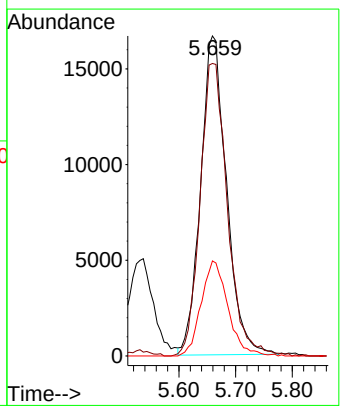


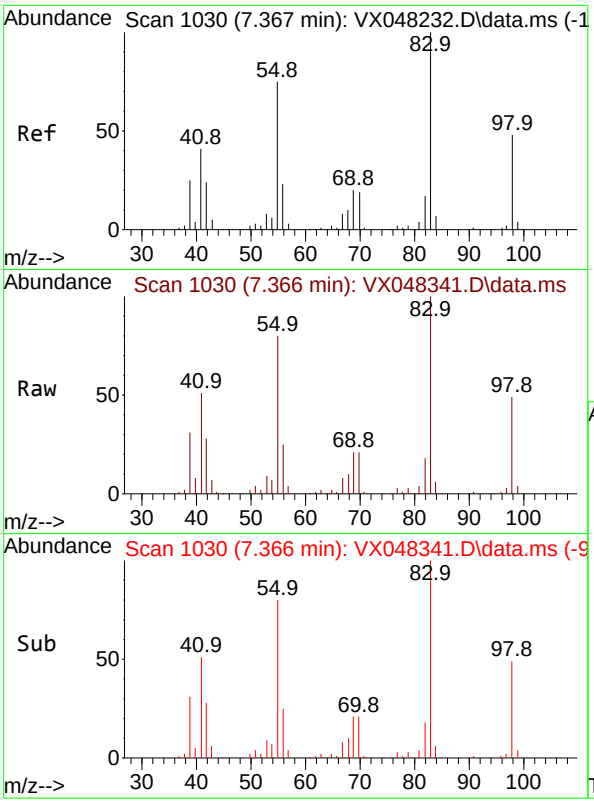




#38
Carbon Tetrachloride
Concen: 18.522 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:117 Resp: 52919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.2 | 77.2 | 115.8 |
| 121 | 29.8 | 24.8 | 37.2 |



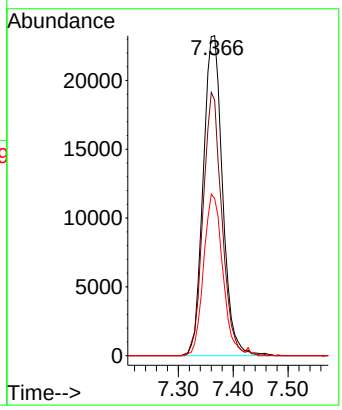


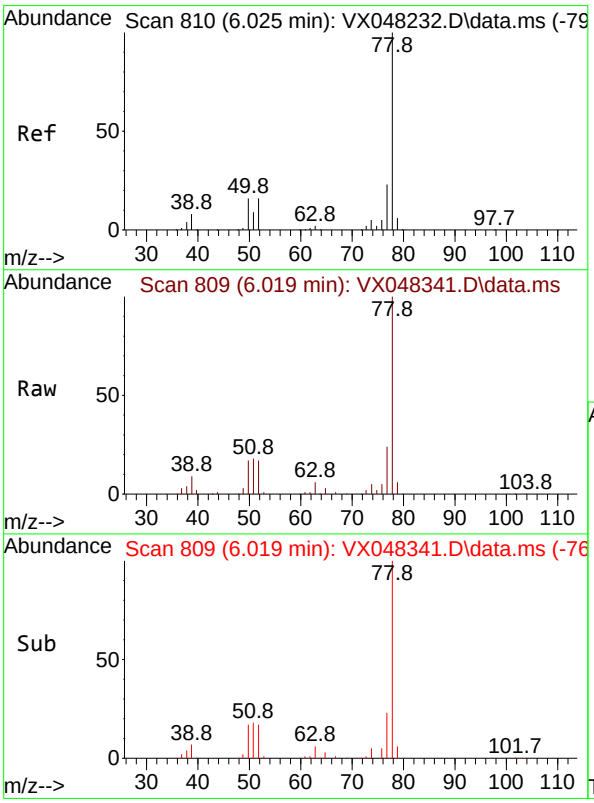

#39
Methylcyclohexane
Concen: 20.823 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 83 Resp: 56949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 79.8 | 66.2 | 99.2 |
| 98 | 49.1 | 38.9 | 58.3 |

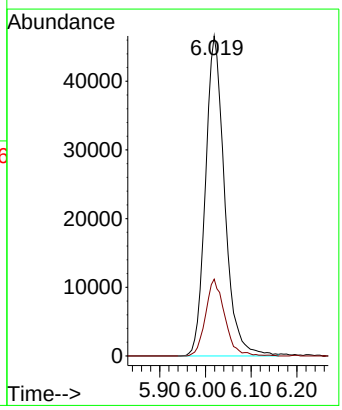


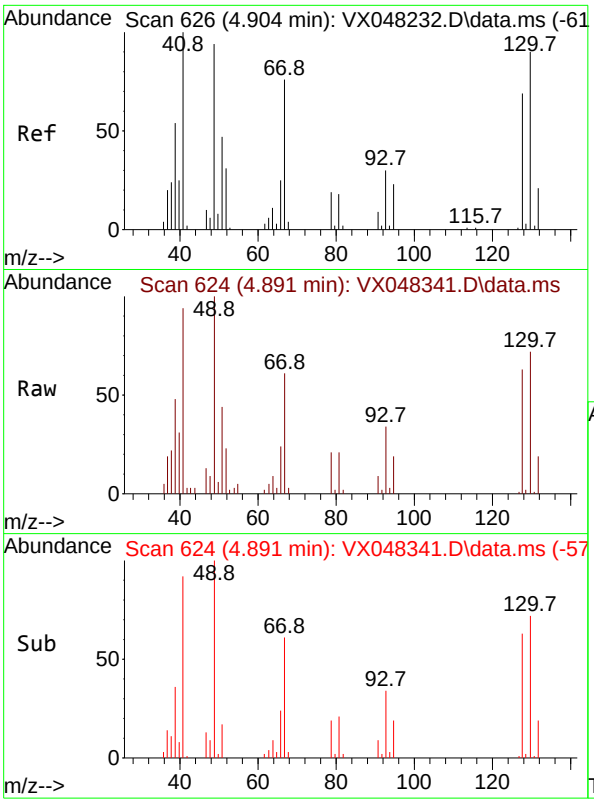




#40
Benzene
Concen: 20.165 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 78 Resp: 135581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.0 | 19.3 | 28.9 |



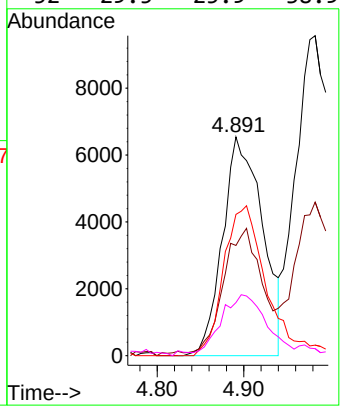


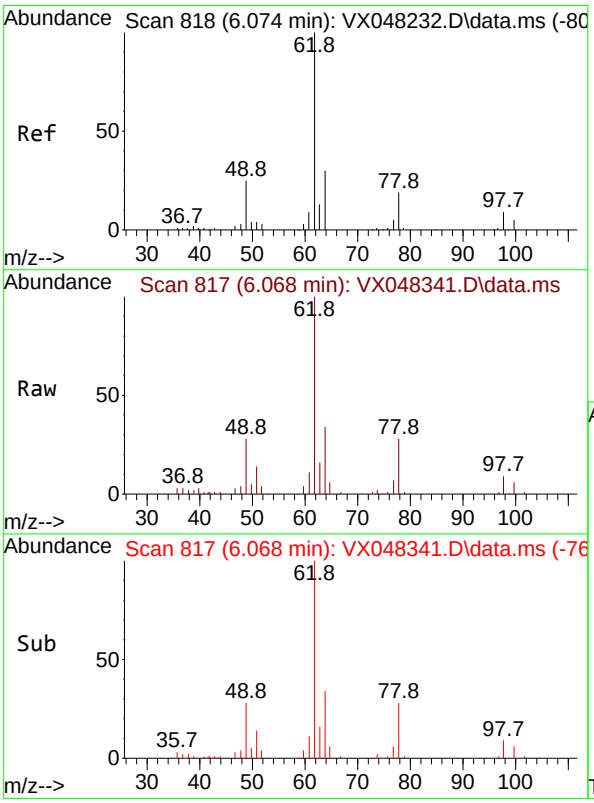

#41
Methacrylonitrile
Concen: 20.817 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.013 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 41 Resp: 20984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.4 | 44.0 | 66.0 |
| 67 | 73.4 | 58.7 | 88.1 |
| 52 | 29.5 | 25.9 | 38.9 |

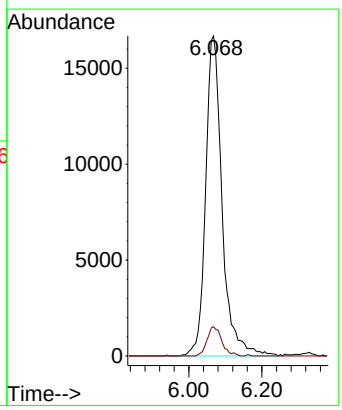


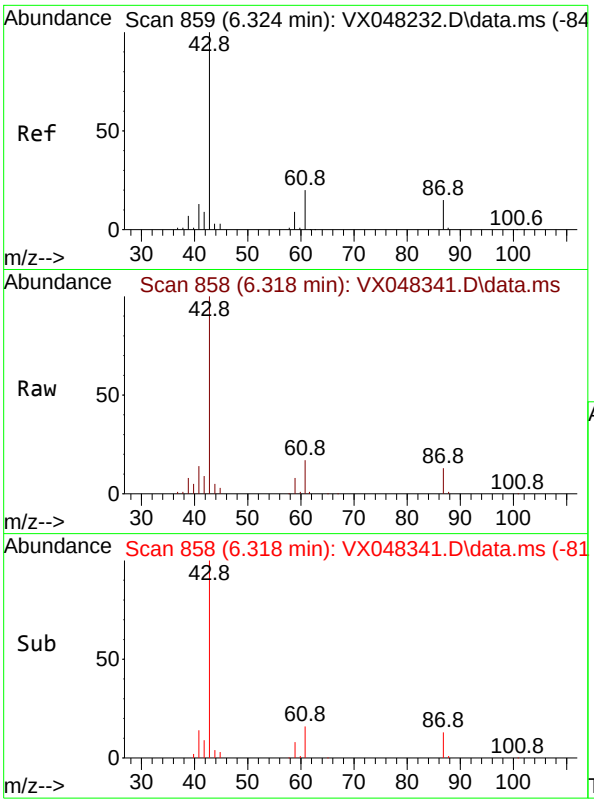




#42
1,2-Dichloroethane
Concen: 20.965 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 62 Resp: 52014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.2 | 0.0 | 17.2 |



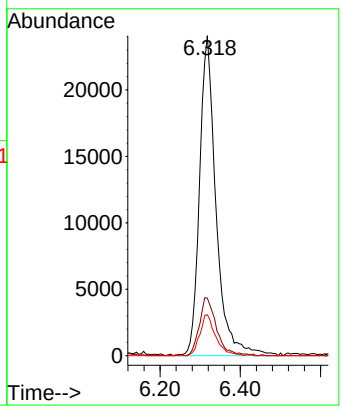


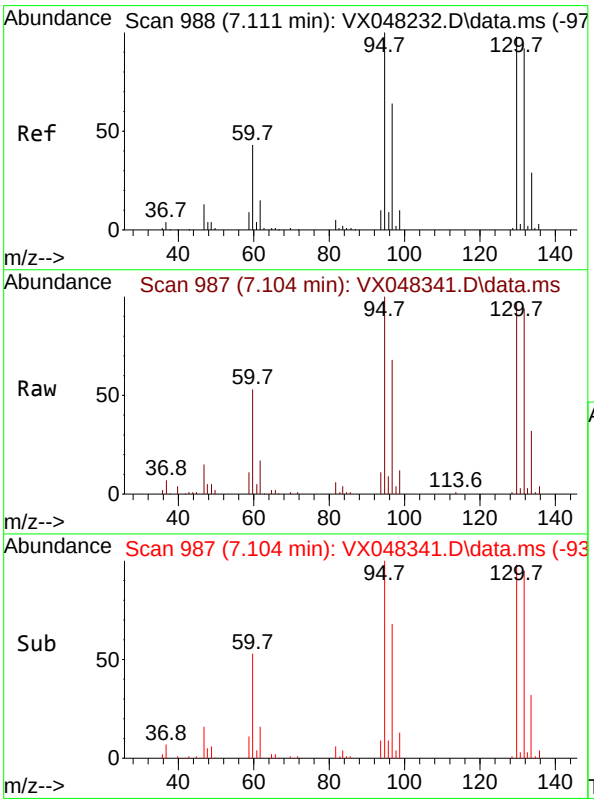

#43
Isopropyl Acetate
Concen: 21.807 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 43 Resp: 68756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.8 | 14.9 | 22.3 |
| 87 | 12.3 | 9.4 | 14.2 |

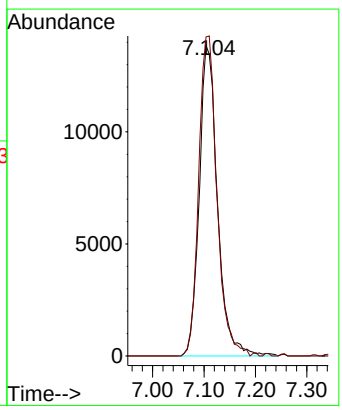


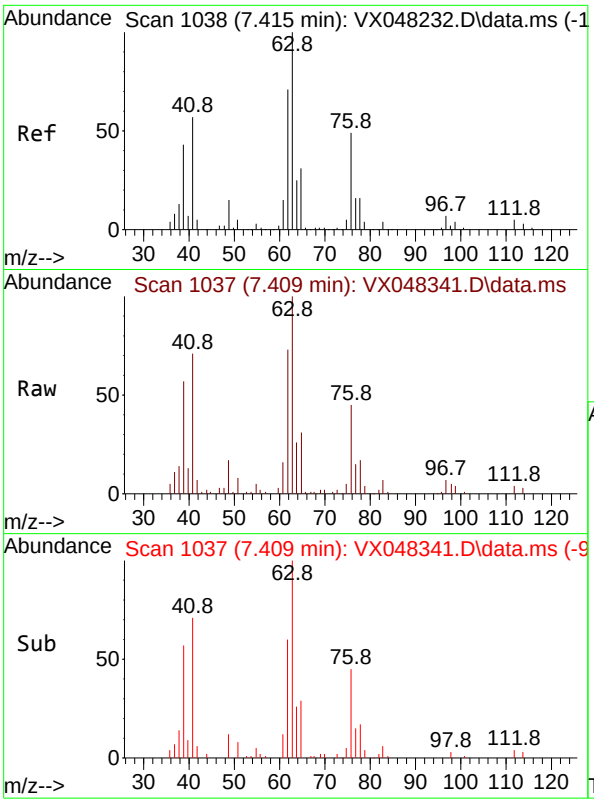




#44
Trichloroethene
Concen: 19.247 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:130 Resp: 34170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 102.8 | 0.0 | 200.6 |



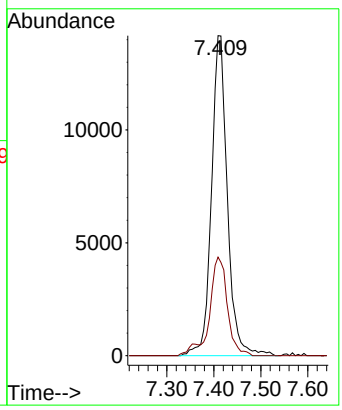


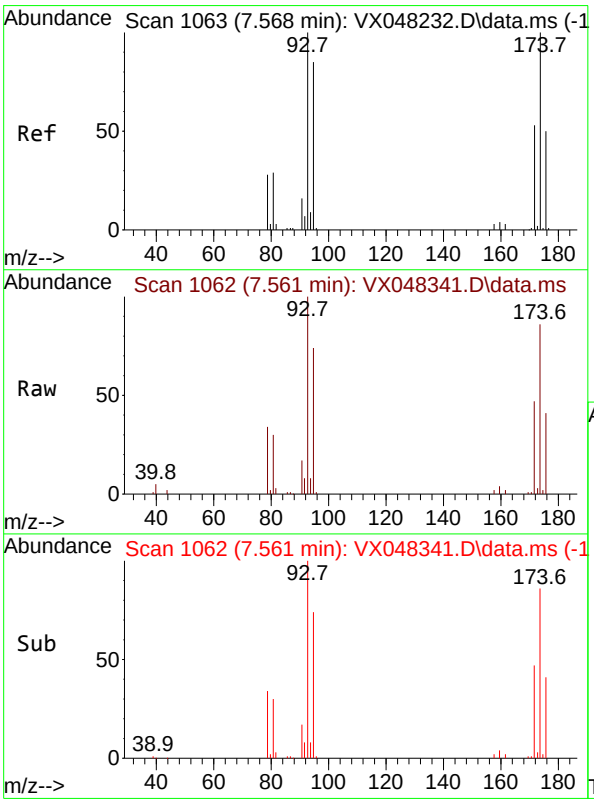

#45
1,2-Dichloropropane
Concen: 20.781 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 63 Resp: 33220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.8 | 24.1 | 36.1 |

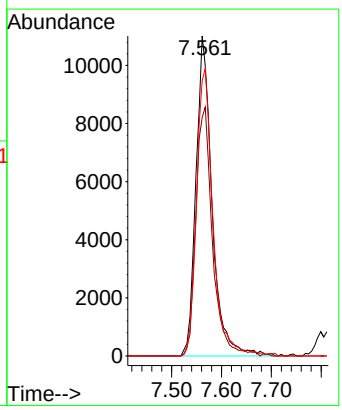


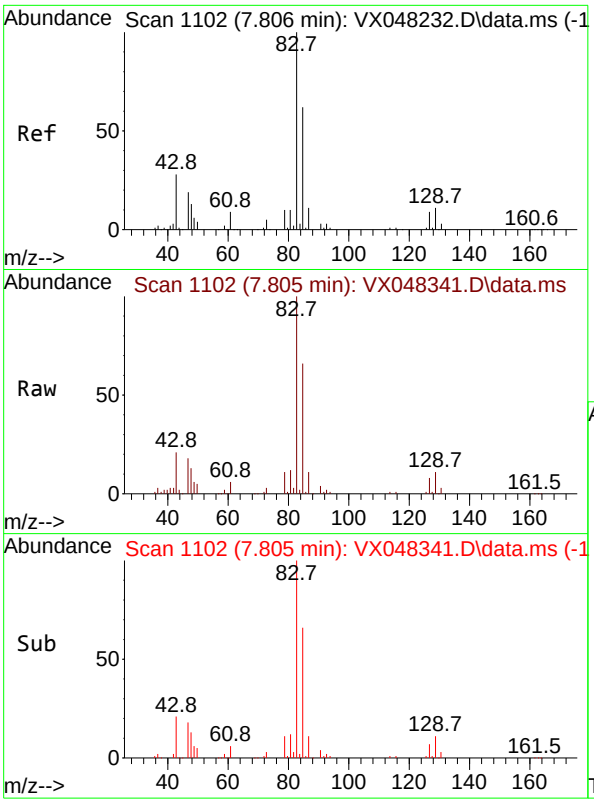




#46
Dibromomethane
Concen: 19.873 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 93 Resp: 24750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 80.1 | 65.9 | 98.9 |
| 174 | 91.2 | 71.7 | 107.5 |



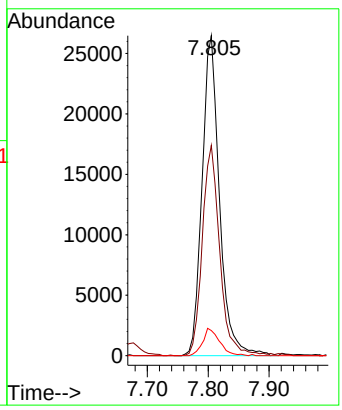


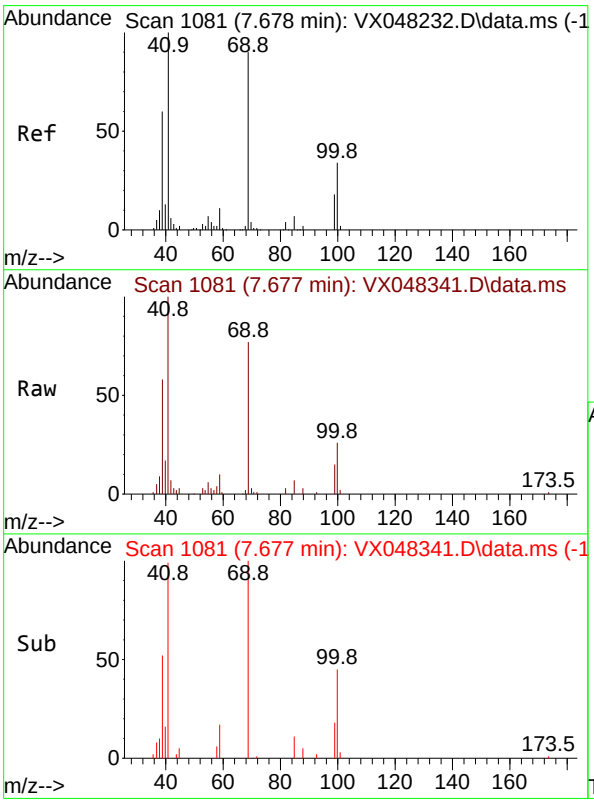

#47
Bromodichloromethane
Concen: 19.571 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 83 Resp: 52628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.7 | 52.2 | 78.4 |
| 127 | 7.8 | 7.3 | 10.9 |

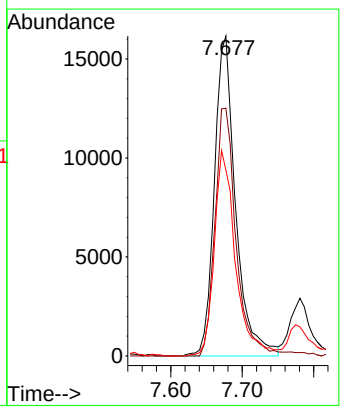


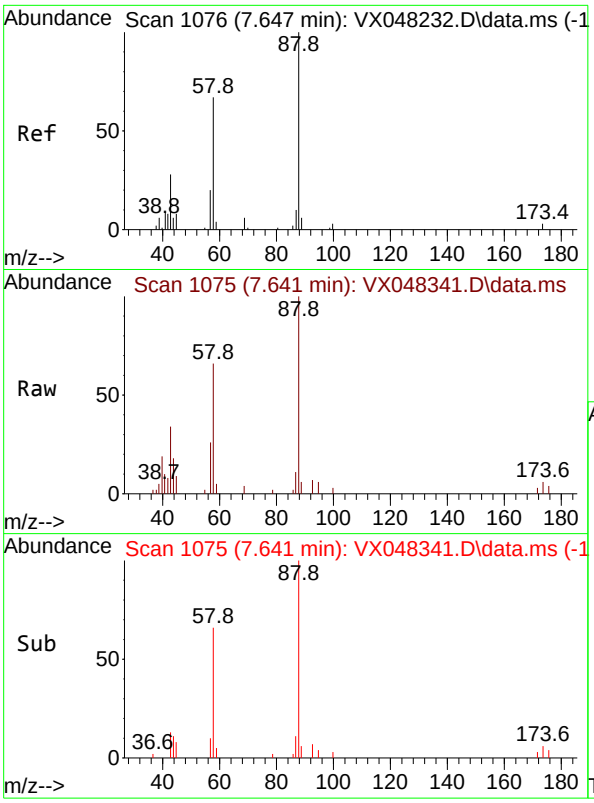




#48
Methyl methacrylate
Concen: 20.939 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 41 Resp: 33315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 78.2 | 63.4 | 95.0 |
| 39 | 64.2 | 47.1 | 70.7 |



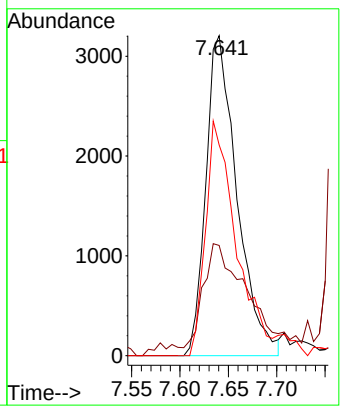


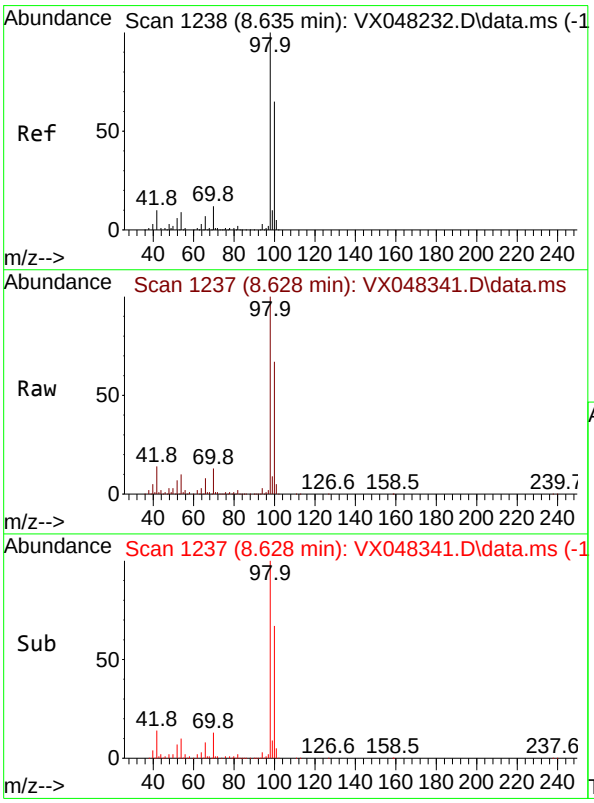

#49
1,4-Dioxane
Concen: 341.585 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 88 Resp: 7180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 44.0 | 35.0 | 52.4 |
| 58 | 72.1 | 61.9 | 92.9 |

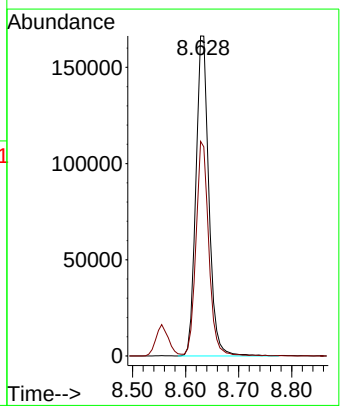


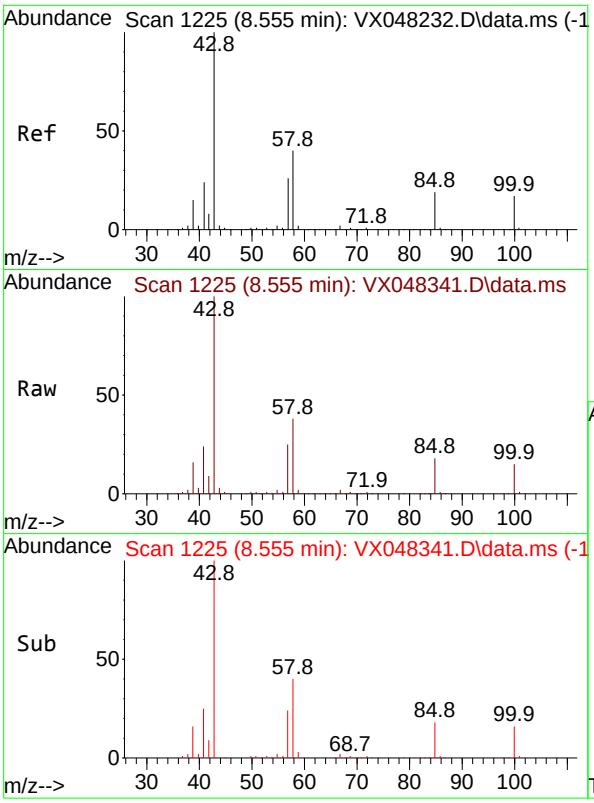




#50
Toluene-d8
Concen: 49.629 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.007 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 98 Resp: 283427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.7 | 53.0 | 79.4 |



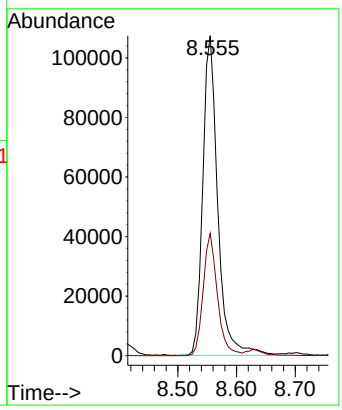


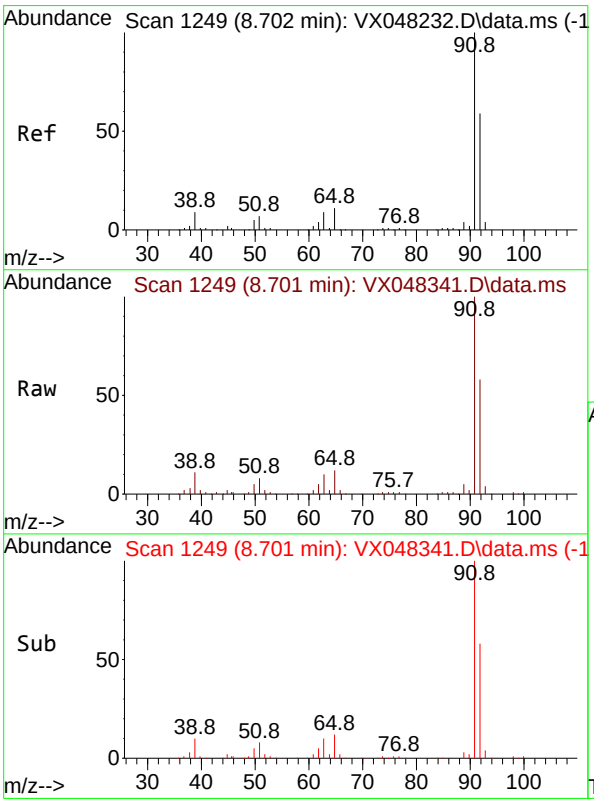

#51
4-Methyl-2-Pentanone
Concen: 104.240 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 43 Resp: 189499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.4 | 29.5 | 44.3 |

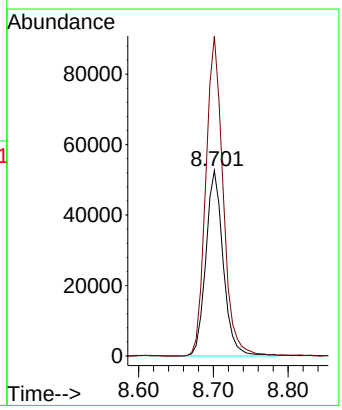


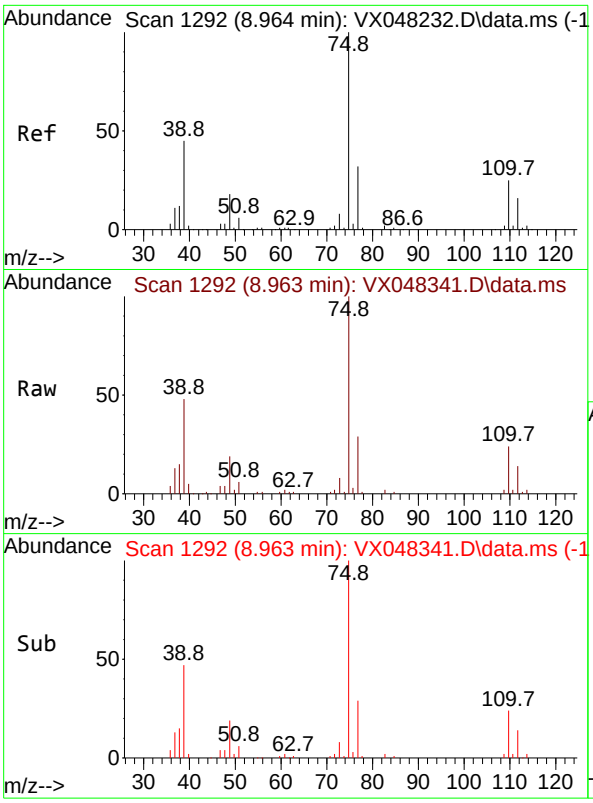




#52
Toluene
Concen: 19.859 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 92 Resp: 84824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.0 | 136.1 | 204.1 |



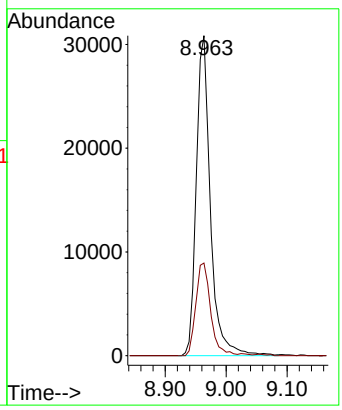


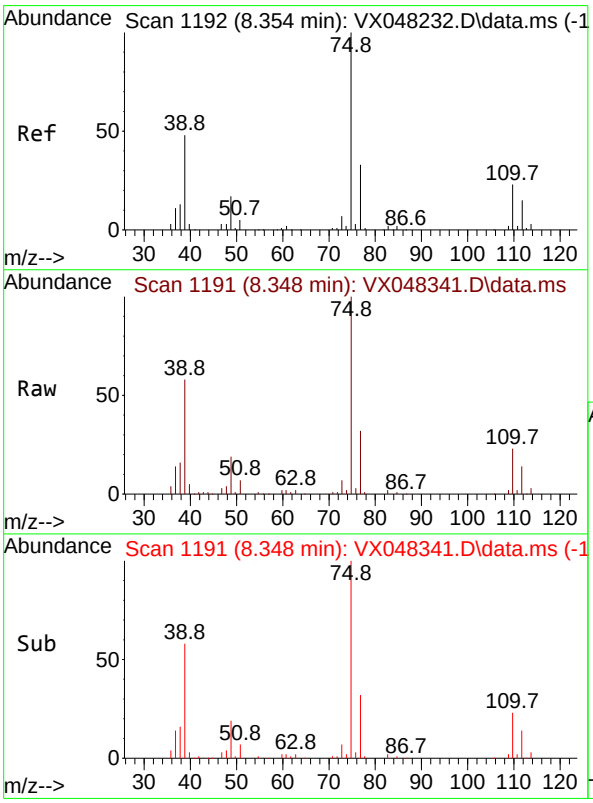

#53
t-1,3-Dichloropropene
Concen: 19.129 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 75 Resp: 49569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 28.9 | 25.0 | 37.6 |

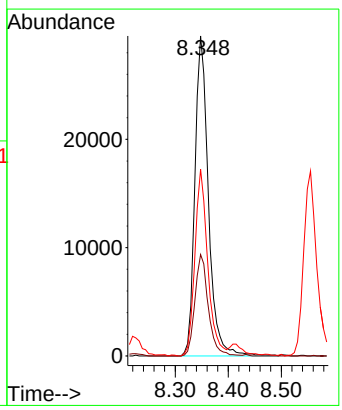


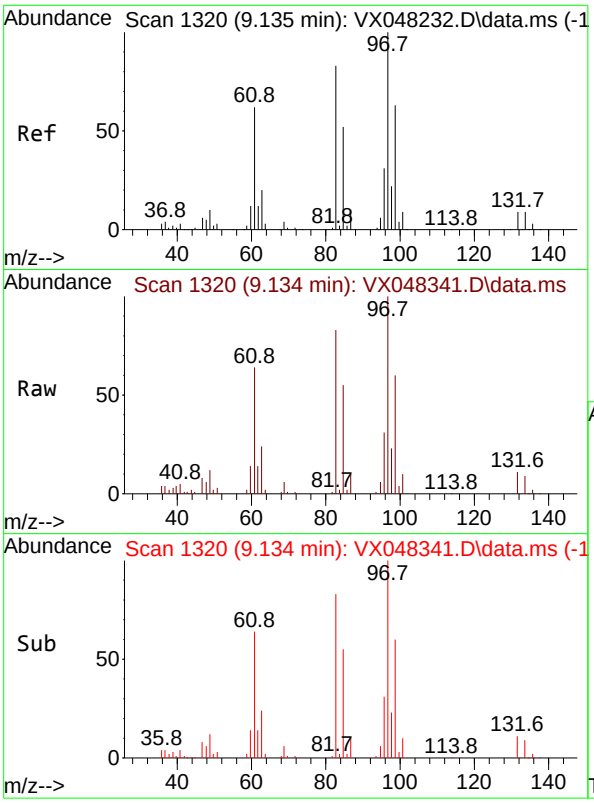




#54
cis-1,3-Dichloropropene
Concen: 18.668 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 52191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 24.9 | 37.3 |
| 39 | 58.2 | 42.6 | 64.0 |



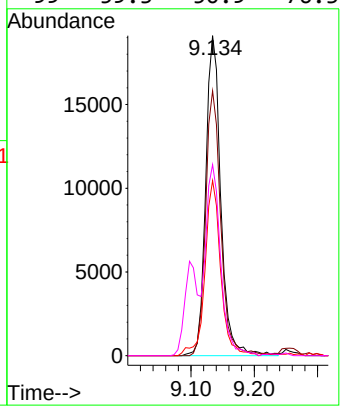


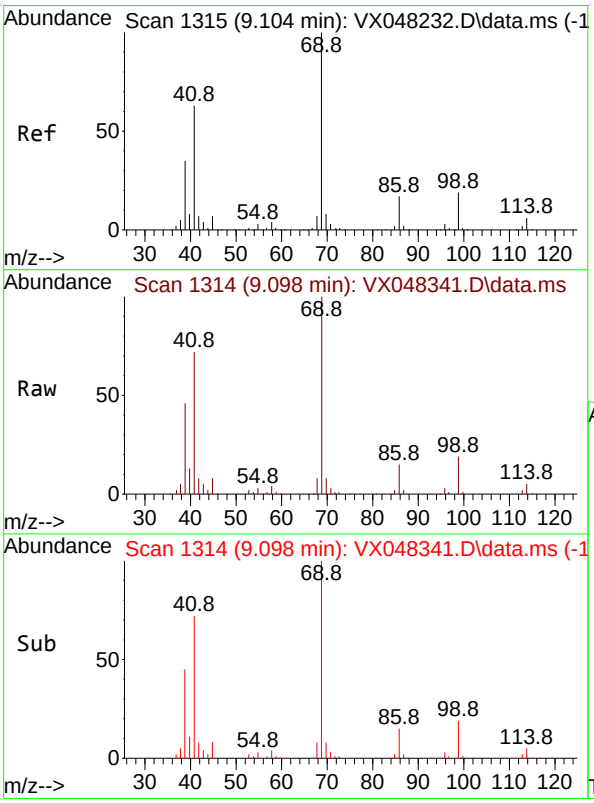

#55
1,1,2-Trichloroethane
Concen: 19.991 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 97 Resp: 31755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 82.8 | 70.6 | 105.8 |
| 85 | 54.7 | 45.0 | 67.6 |
| 99 | 59.3 | 50.9 | 76.3 |

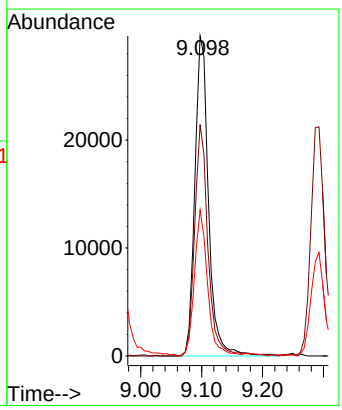


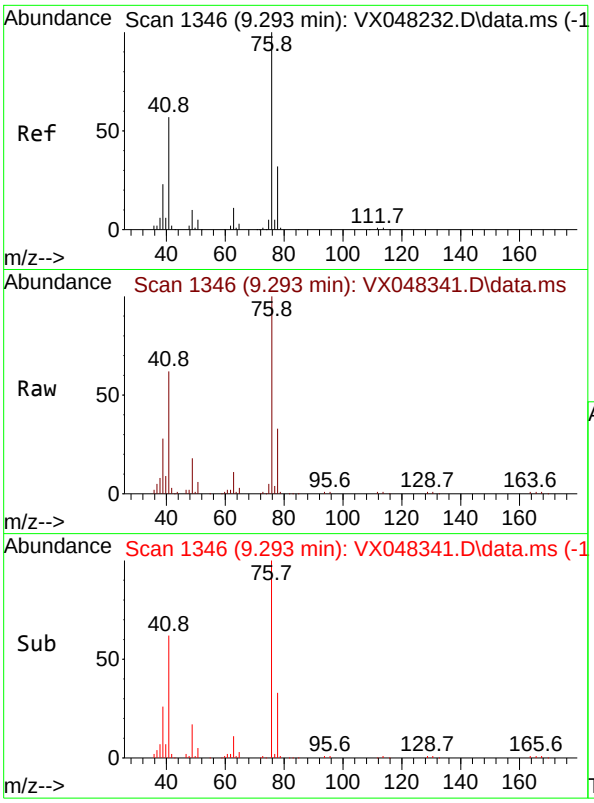




#56
Ethyl methacrylate
Concen: 19.789 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 69 Resp: 45976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 71.0 | 56.0 | 84.0 |
| 39 | 44.1 | 31.6 | 47.4 |



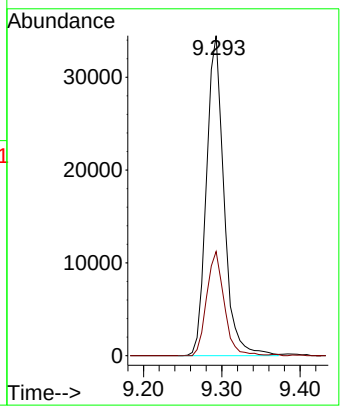


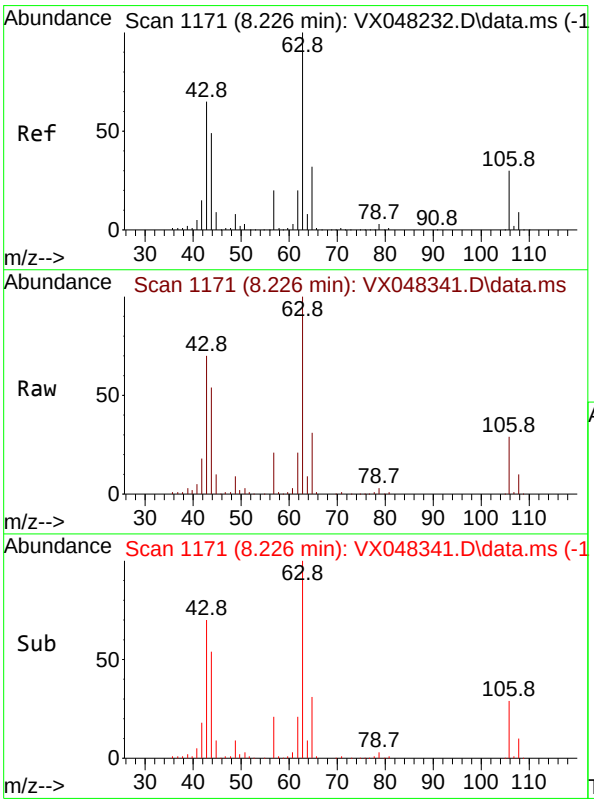

#57
1,3-Dichloropropane
Concen: 19.729 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 76 Resp: 53530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.6 | 25.4 | 38.0 |

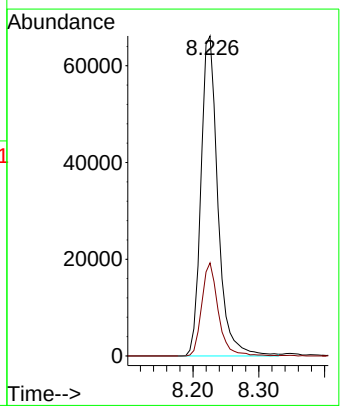


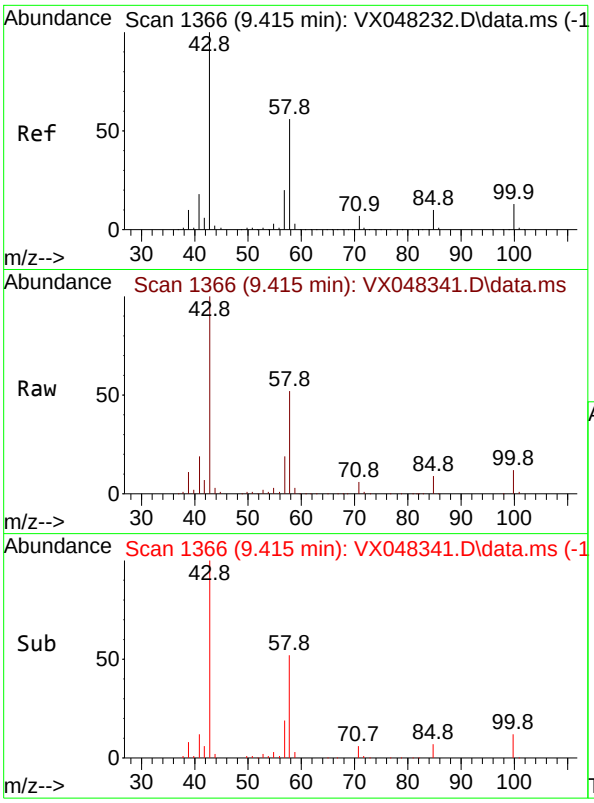




#58
2-Chloroethyl Vinyl ether
Concen: 96.012 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 63 Resp: 118629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.5 | 22.2 | 33.2 |



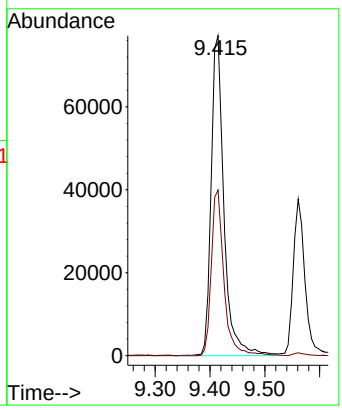


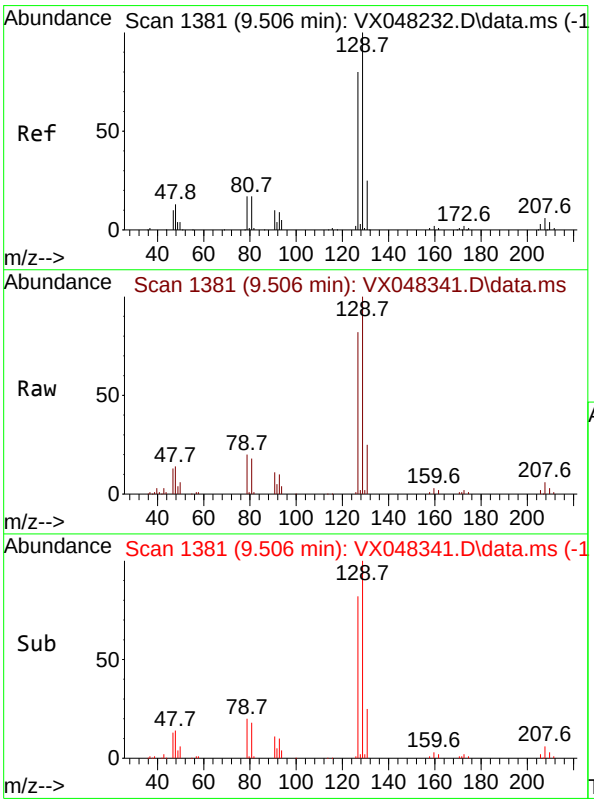

#59
2-Hexanone
Concen: 98.630 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 43 Resp: 125025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.1 | 26.3 | 78.8 |

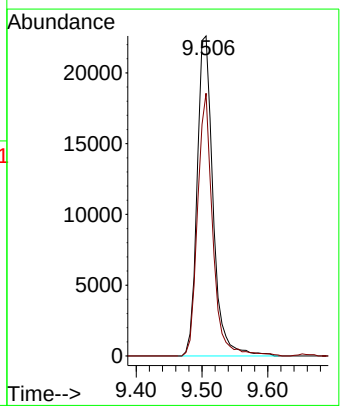


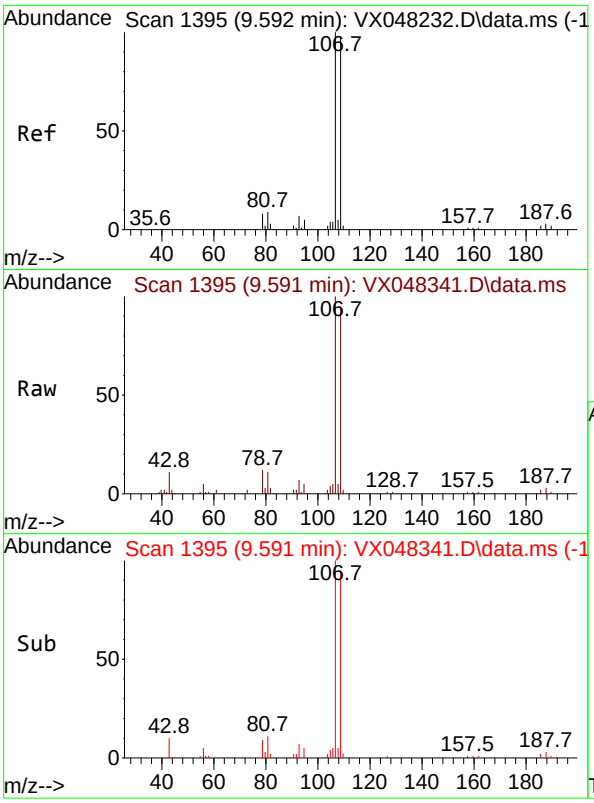




#60
Dibromochloromethane
Concen: 17.861 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:129 Resp: 38132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.1 | 38.6 | 115.7 |



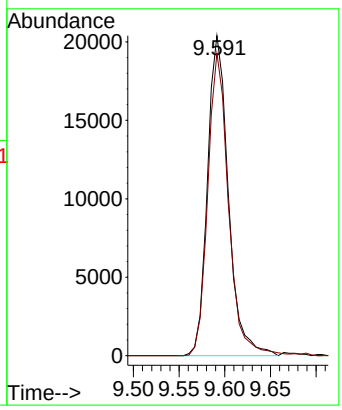


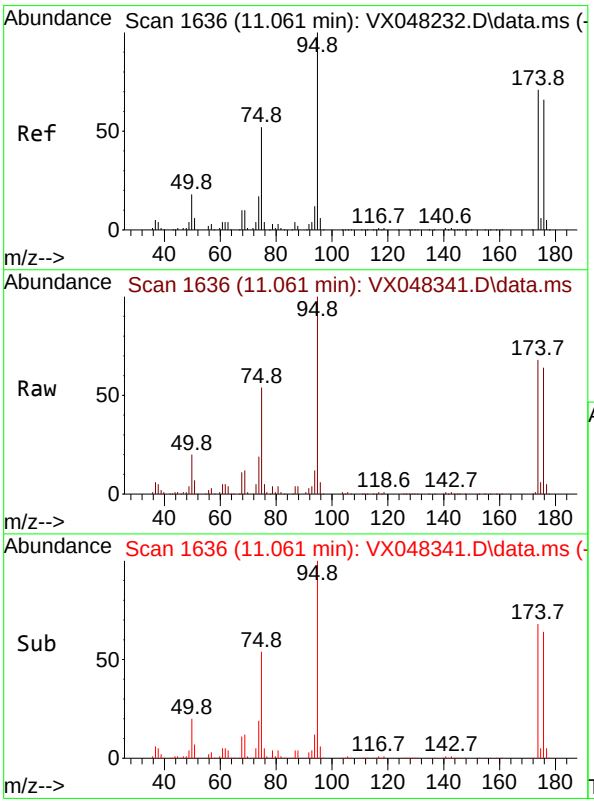

#61
1,2-Dibromoethane
Concen: 19.101 ug/l
RT: 9.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:107 Resp: 32346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.8 | 77.0 | 115.4 |

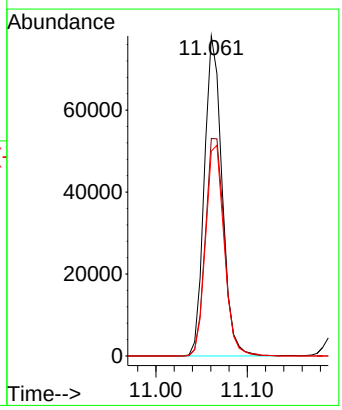


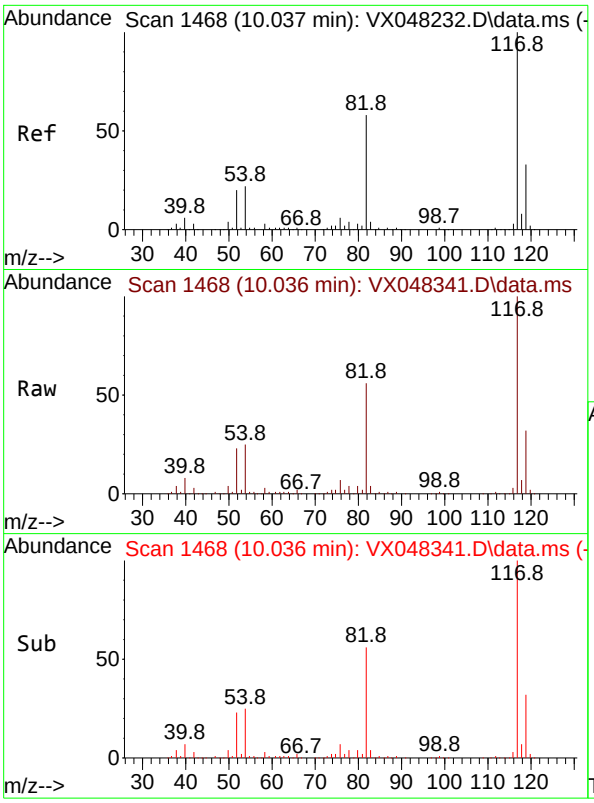




#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 95 Resp: 105010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.9 | 0.0 | 147.8 |
| 176 | 69.1 | 0.0 | 142.8 |



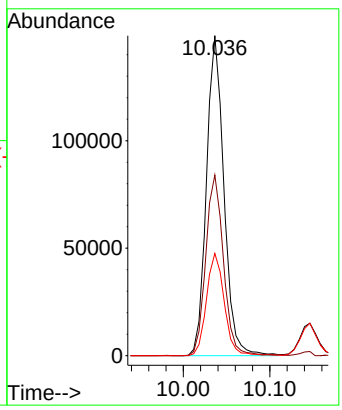


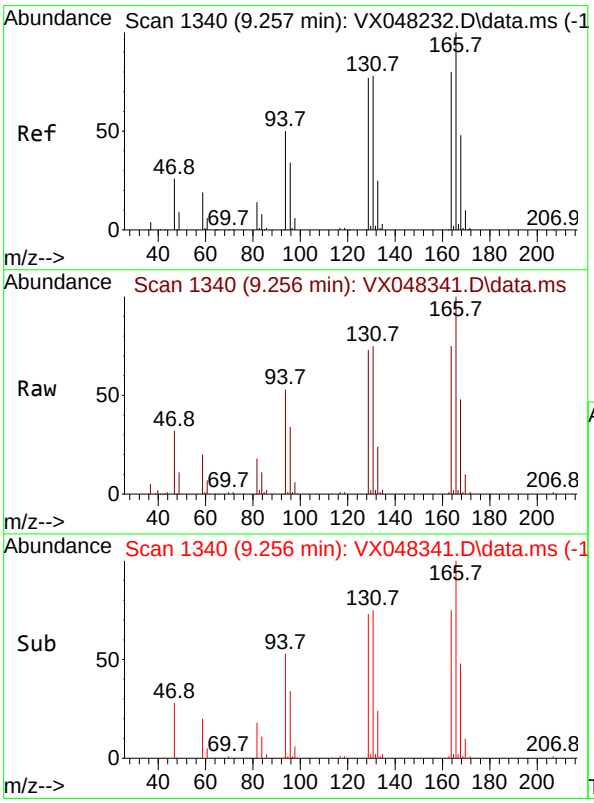

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:117 Resp: 208902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.4 | 46.5 | 69.7 |
| 119 | 32.0 | 25.9 | 38.9 |

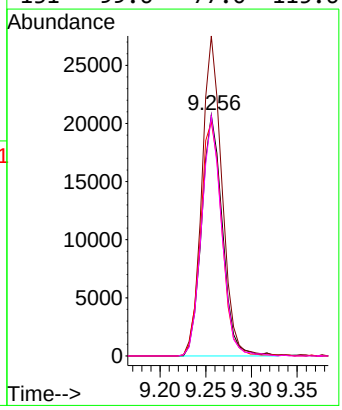


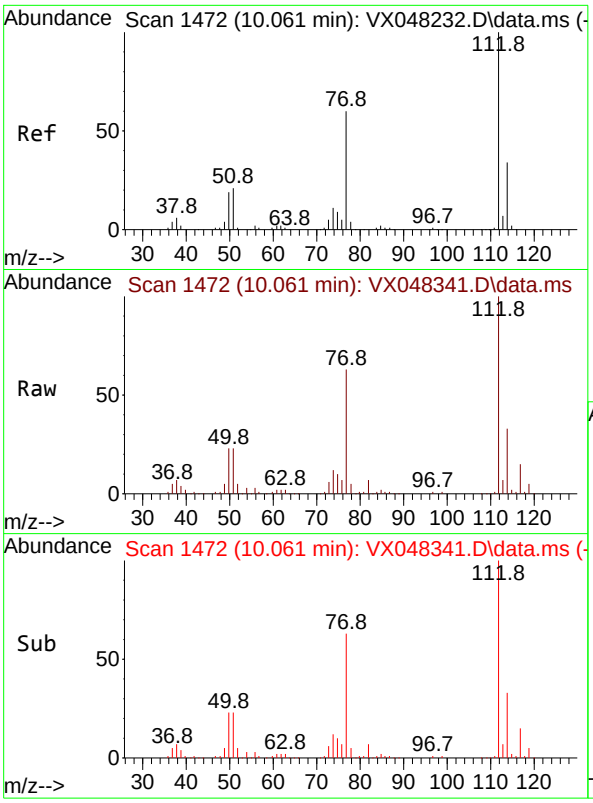




#64
Tetrachloroethene
Concen: 20.904 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:164 Resp: 32600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 132.8 | 104.5 | 156.7 |
| 129 | 97.2 | 81.8 | 122.6 |
| 131 | 99.6 | 77.0 | 115.6 |



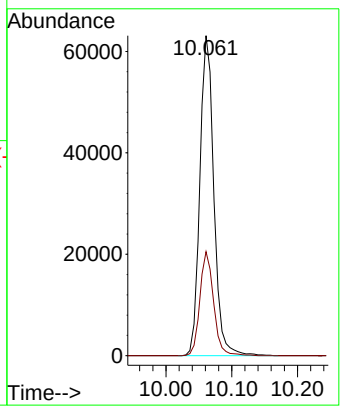


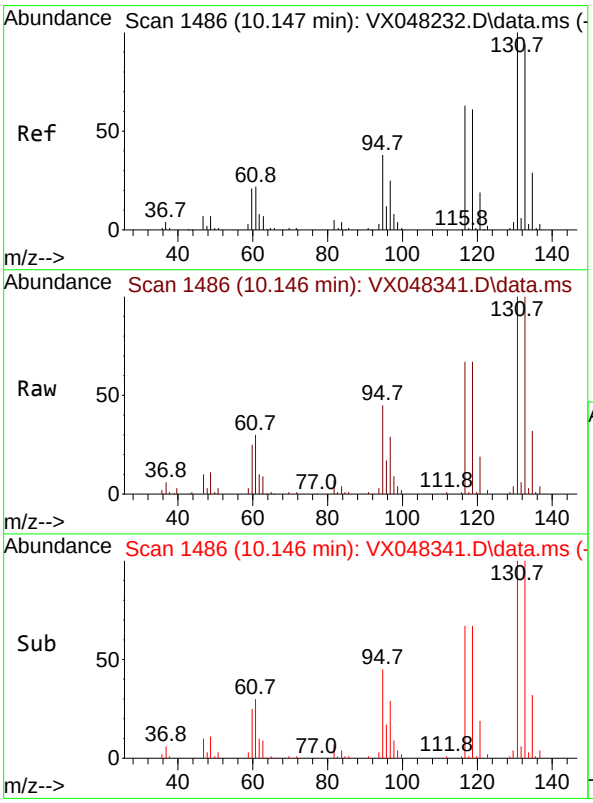

#65
Chlorobenzene
Concen: 19.844 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:112 Resp: 93252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 26.2 | 39.2 |

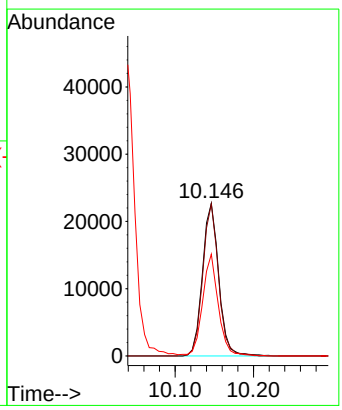


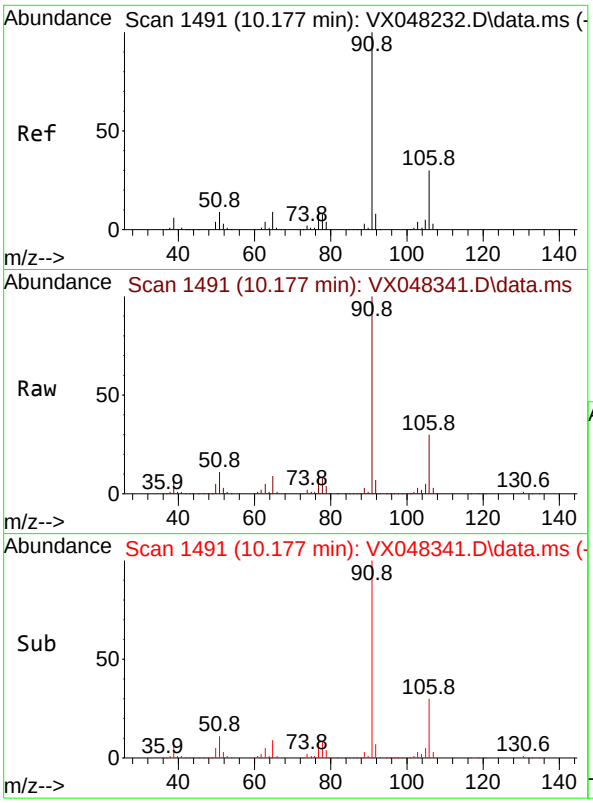




#66
1,1,1,2-Tetrachloroethane
Concen: 18.993 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:131 Resp: 32783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.1 | 47.6 | 142.8 |
| 119 | 64.4 | 32.5 | 97.5 |



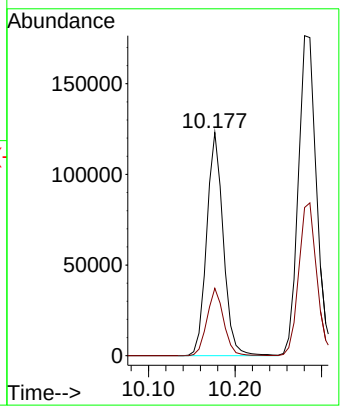


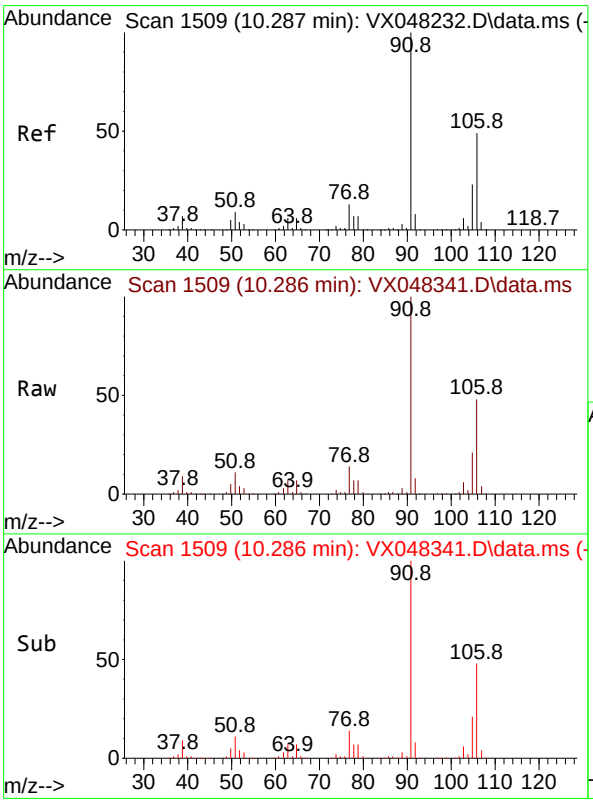

#67
Ethyl Benzene
Concen: 20.471 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 91 Resp: 163786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.2 | 23.8 | 35.6 |

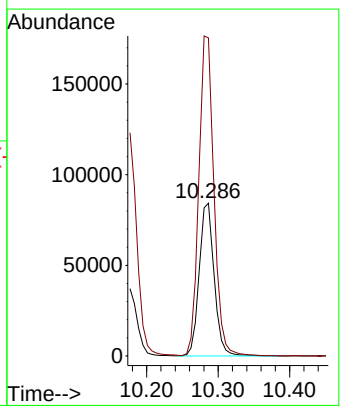


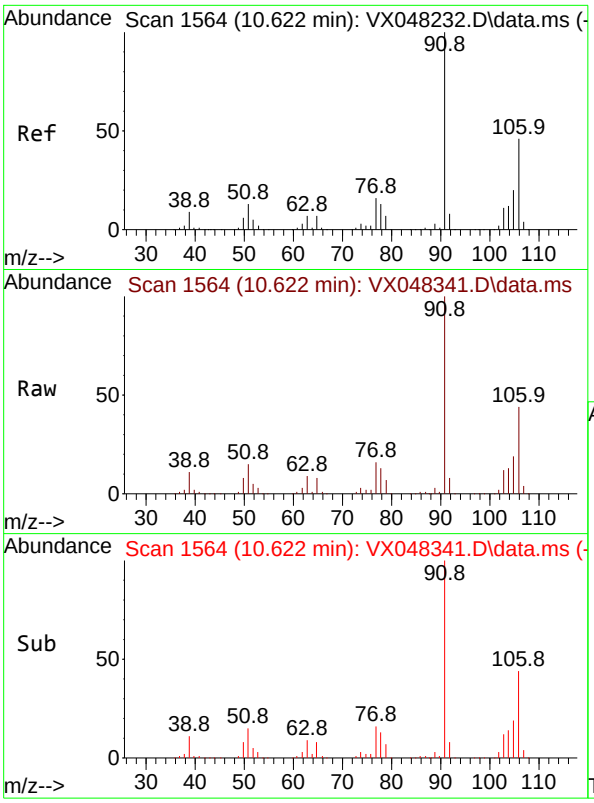




#68
m/p-Xylenes
Concen: 41.221 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:106 Resp: 122538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.9 | 167.9 | 251.9 |



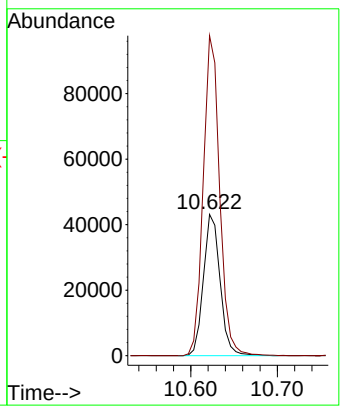


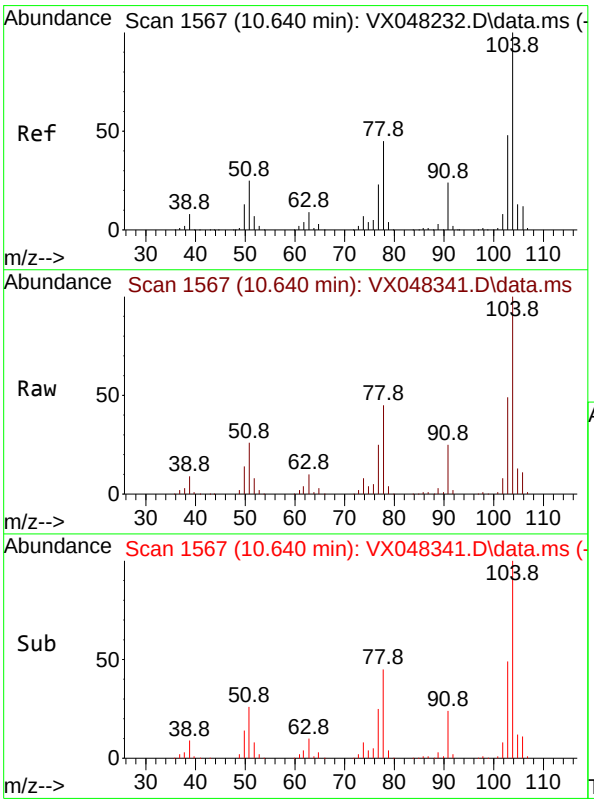

#69
o-Xylene
Concen: 20.085 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:106 Resp: 57644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.3 | 111.3 | 333.9 |

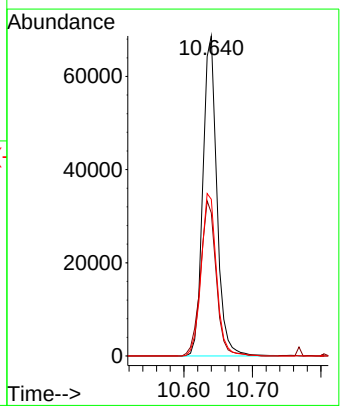


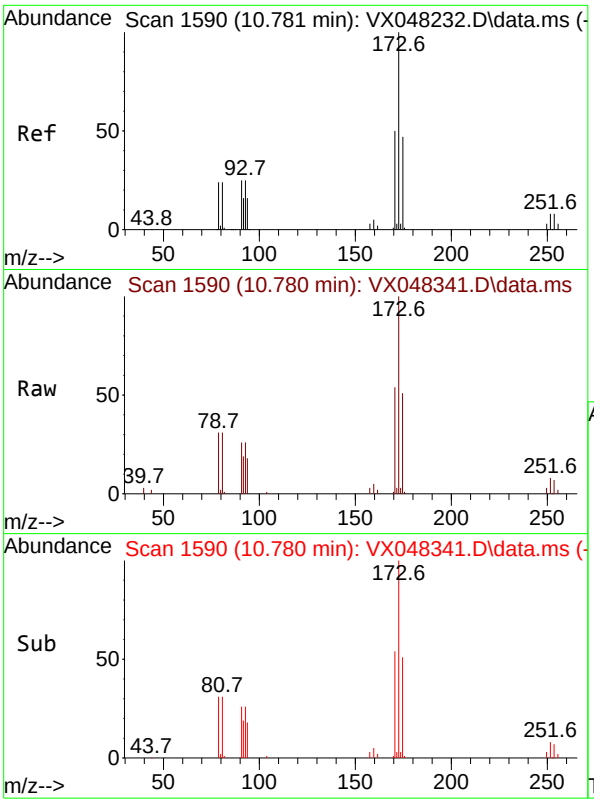




#70
Styrene
Concen: 20.079 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:104 Resp: 98123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.9 | 42.2 | 63.4 |
| 103 | 55.4 | 43.0 | 64.4 |



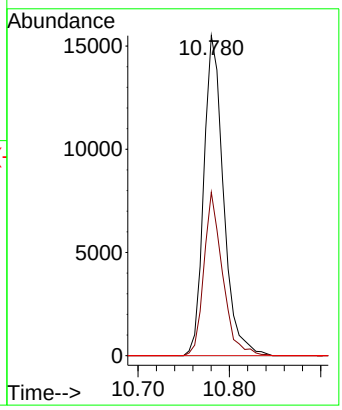


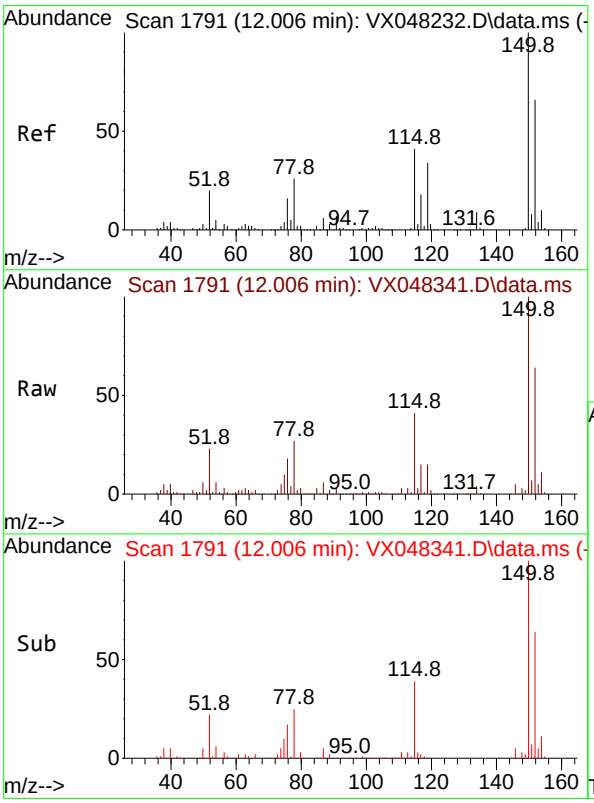

#71
Bromoform
Concen: 16.790 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:173 Resp: 23162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

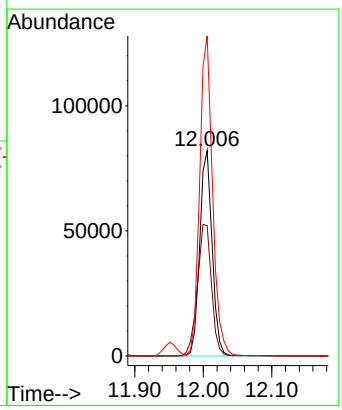


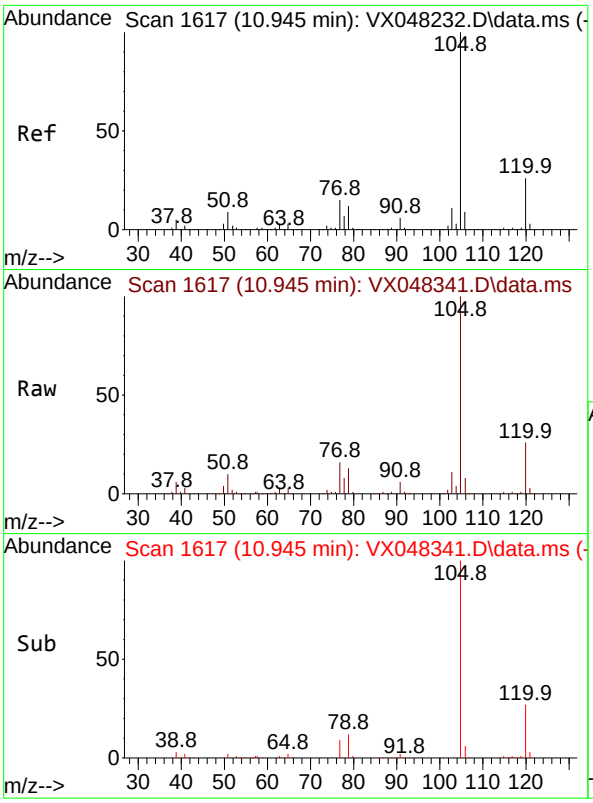




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:152 Resp: 103563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 73.0 | 43.1 | 129.4 |
| 150 | 162.2 | 0.0 | 353.0 |



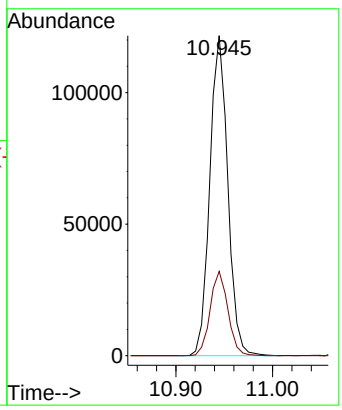


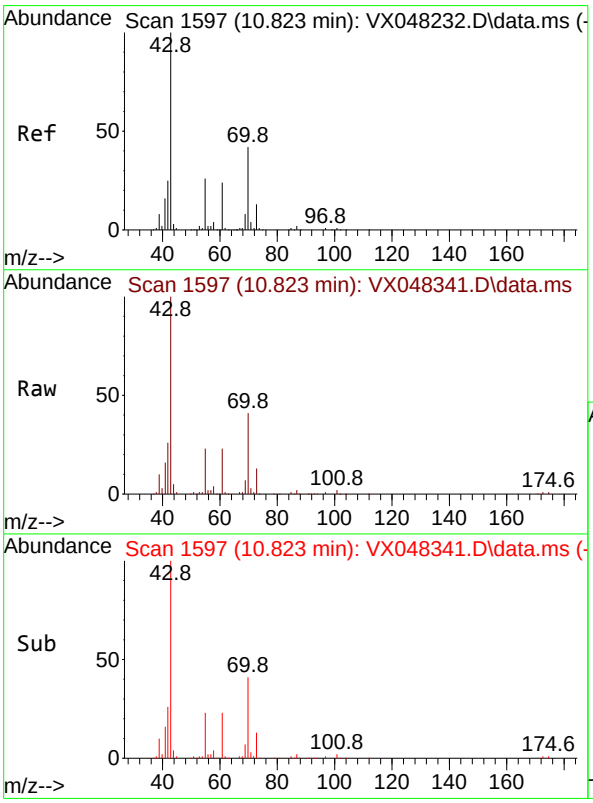

#73
Isopropylbenzene
Concen: 20.669 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:105 Resp: 156349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.1 | 13.0 | 38.9 |

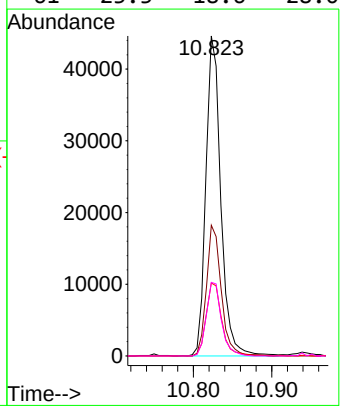


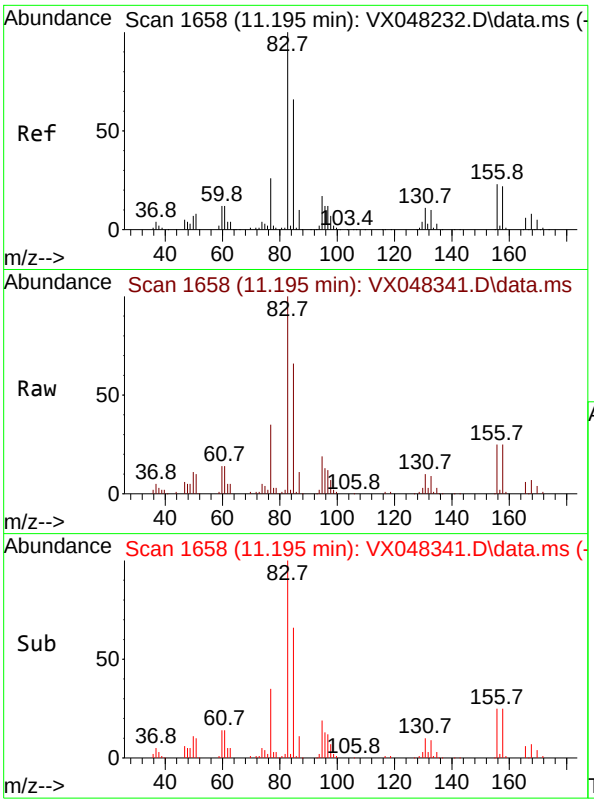




#74
N-amyl acetate
Concen: 21.985 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 43 Resp: 58990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 40.4 | 32.2 | 48.2 |
| 55 | 23.8 | 19.1 | 28.7 |
| 61 | 23.3 | 18.6 | 28.0 |



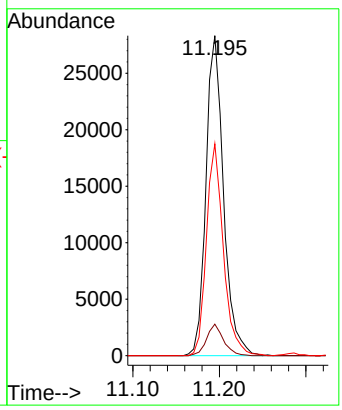


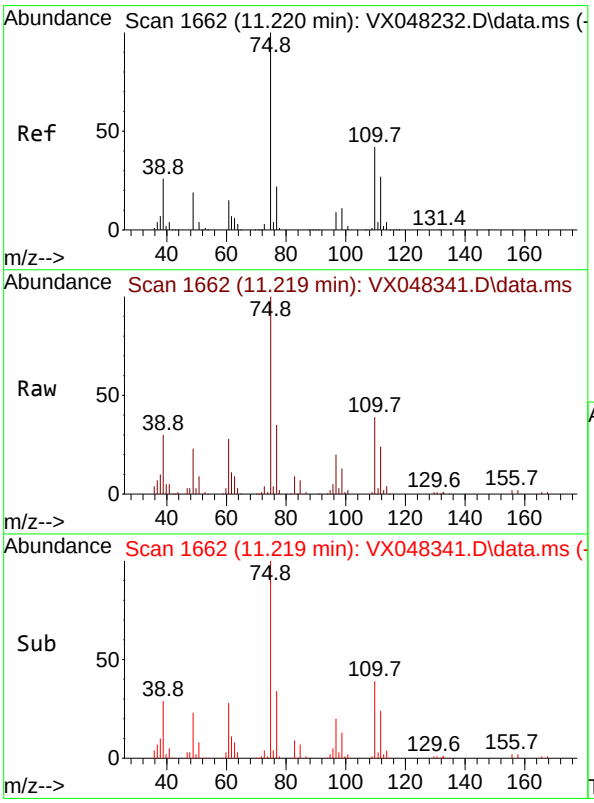

#75
1,1,2,2-Tetrachloroethane
Concen: 19.317 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 83 Resp: 39902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.5 | 4.8 | 14.4 |
| 85 | 64.0 | 31.9 | 95.7 |

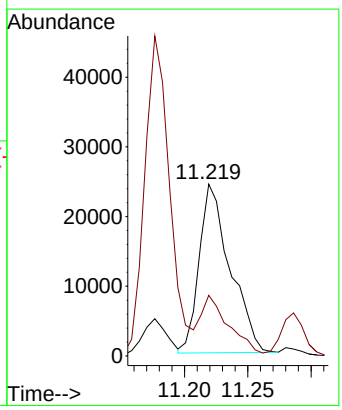


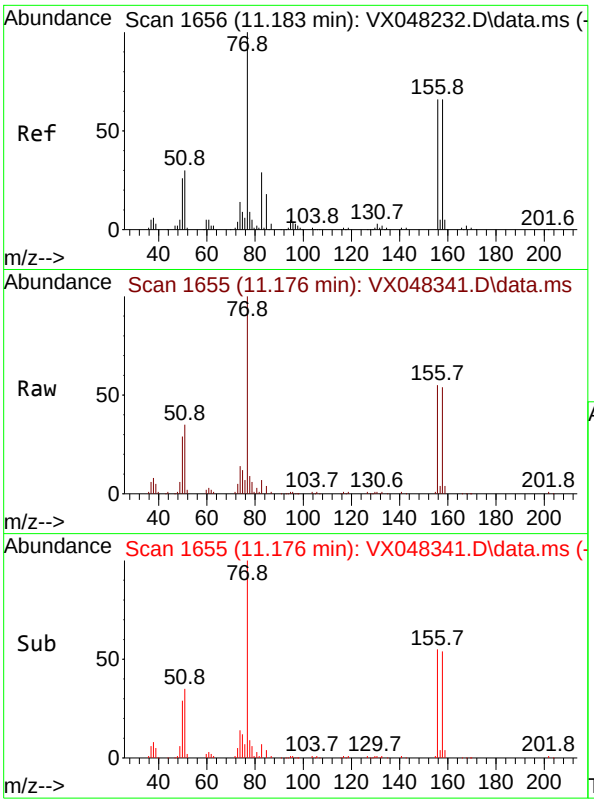




#76
1,2,3-Trichloropropane
Concen: 24.560 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 41247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.9 | 22.4 | 67.2 |



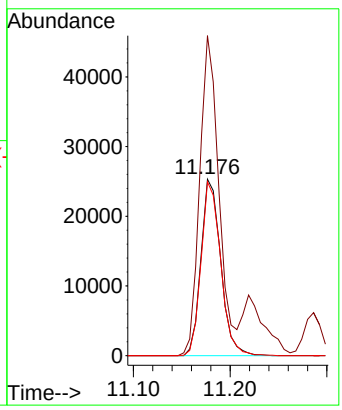


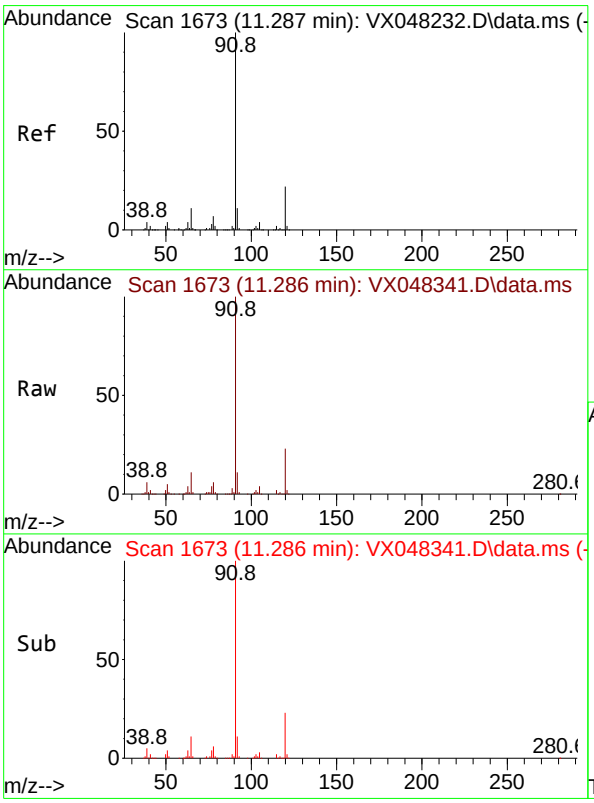

#77
Bromobenzene
Concen: 19.039 ug/l
RT: 11.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:156 Resp: 36110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 175.7 | 87.0 | 261.0 |
| 158 | 97.8 | 47.8 | 143.4 |

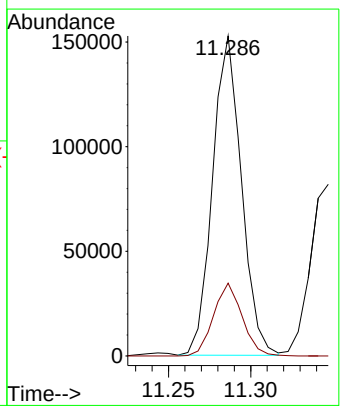


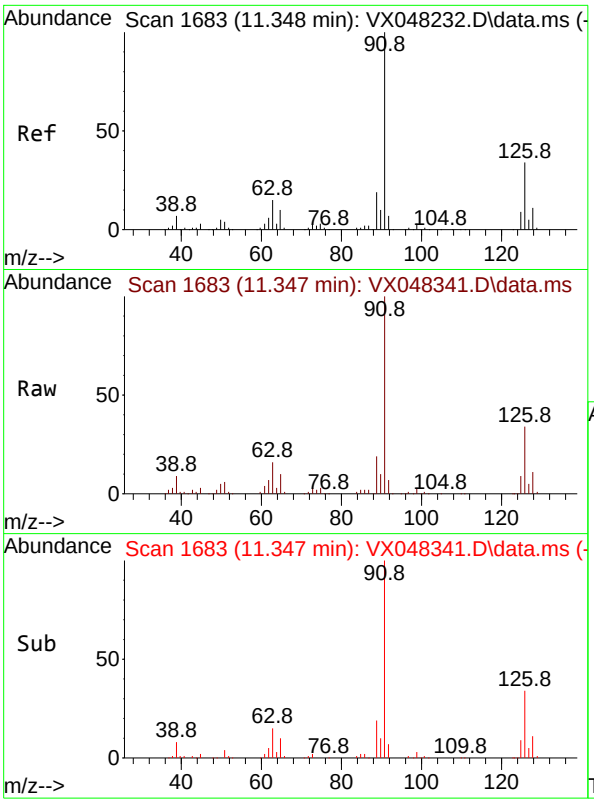




#78
n-propylbenzene
Concen: 21.269 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 91 Resp: 186273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.6 | 11.1 | 33.1 |



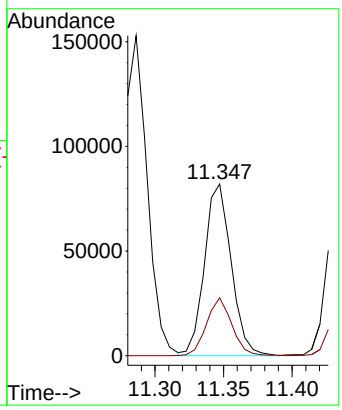


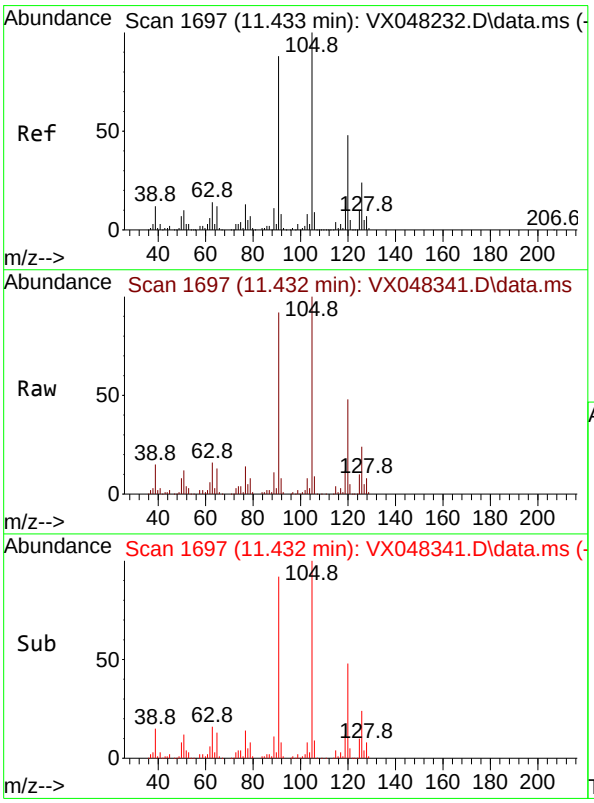

#79
2-Chlorotoluene
Concen: 20.949 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 91 Resp: 111240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.9 | 16.4 | 49.4 |

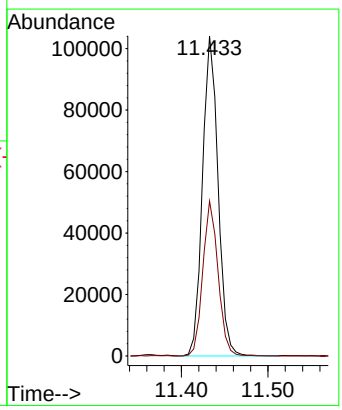


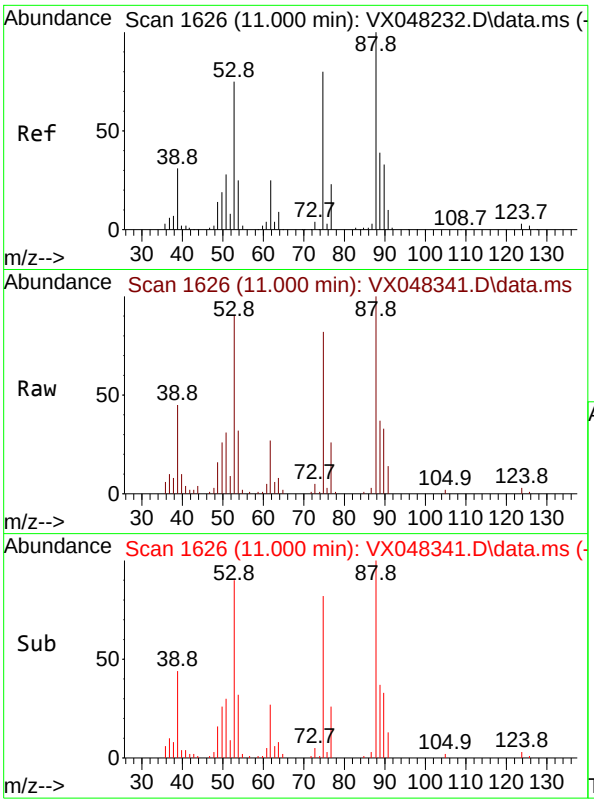




#80
1,3,5-Trimethylbenzene
Concen: 20.733 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:105 Resp: 129782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.5 | 24.0 | 72.0 |



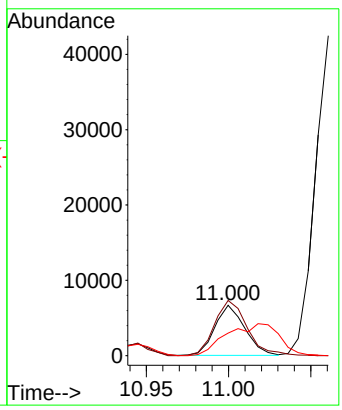


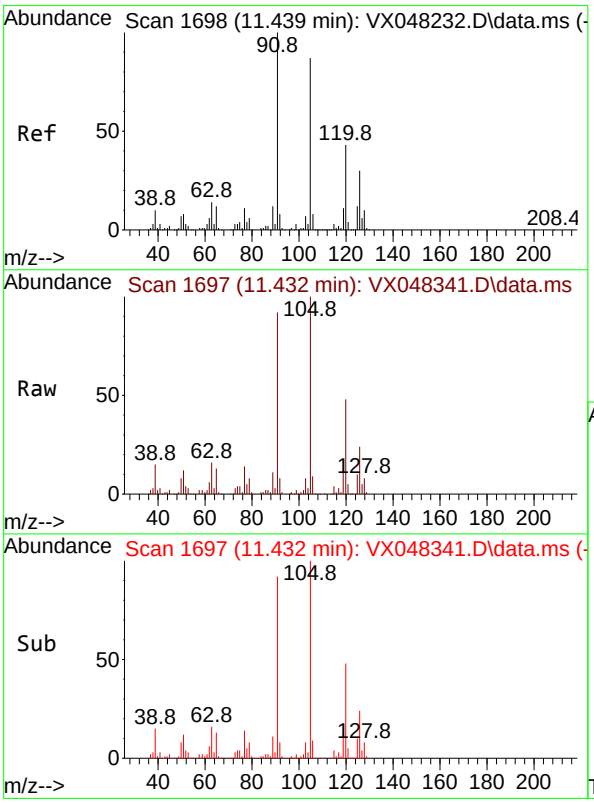

#81
trans-1,4-Dichloro-2-butene
Concen: 12.159 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 75 Resp: 8393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 121.3 | 79.5 | 119.3# |
| 89 | 113.0 | 36.8 | 55.2# |

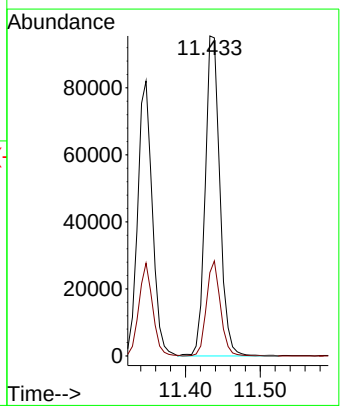


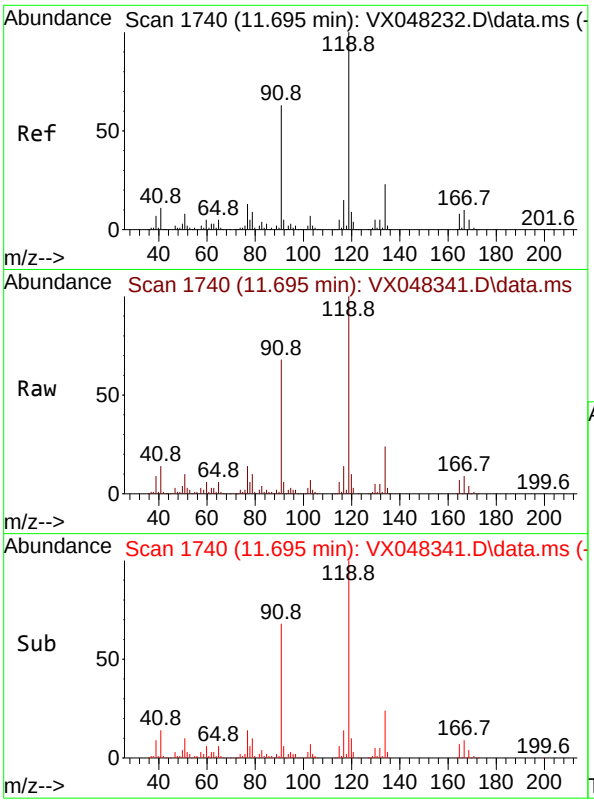




#82
4-Chlorotoluene
Concen: 20.615 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 91 Resp: 129943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.3 | 14.1 | 42.4 |



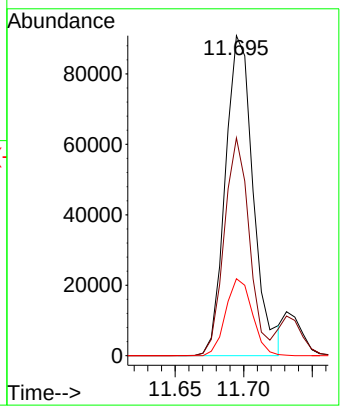


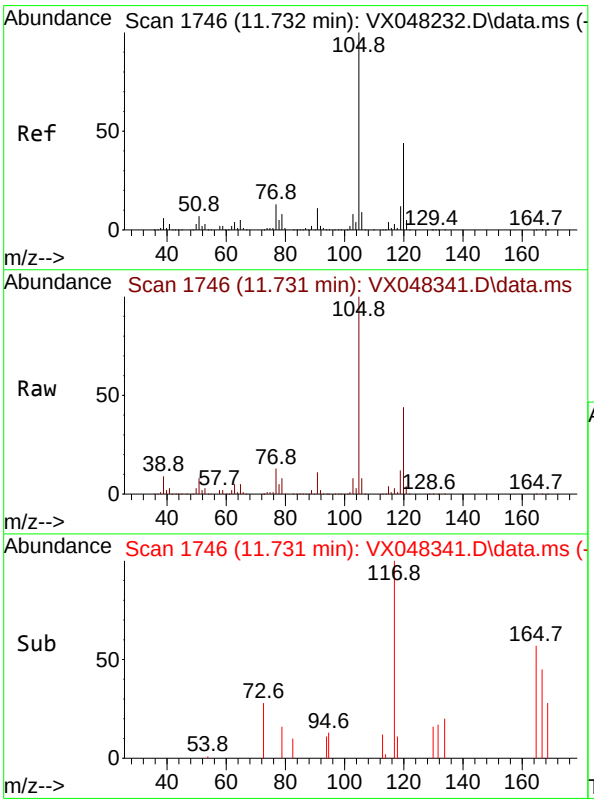

#83
tert-Butylbenzene
Concen: 20.049 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:119 Resp: 128952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 61.7 | 30.3 | 91.0 |
| 134 | 22.9 | 11.4 | 34.2 |

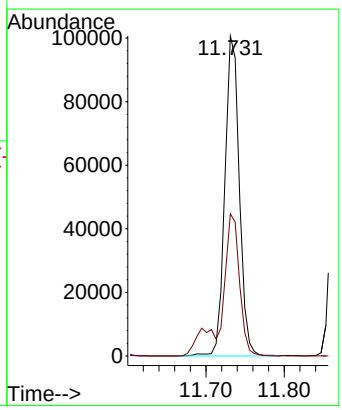


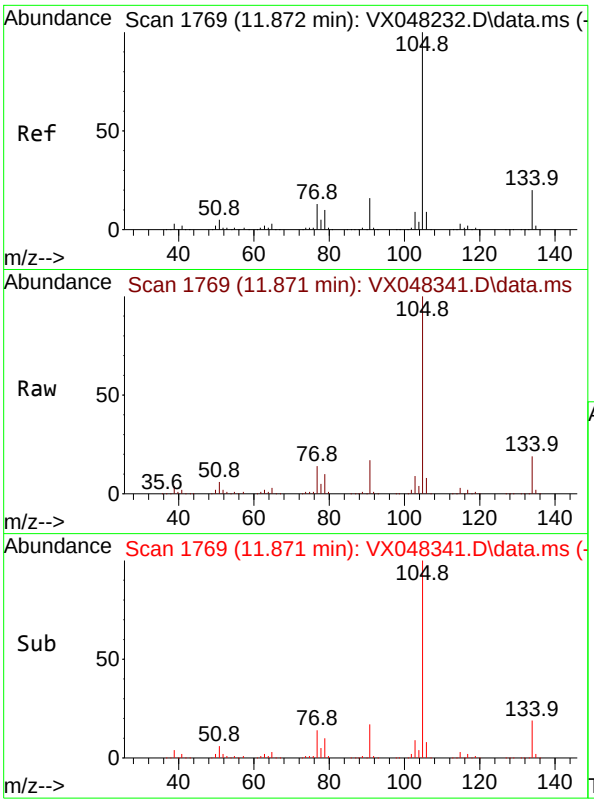




#84
1,2,4-Trimethylbenzene
Concen: 20.720 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:105 Resp: 129443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.8 | 22.1 | 66.5 |



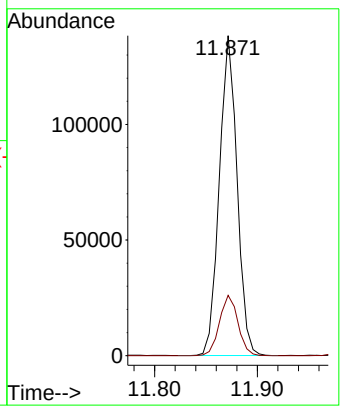


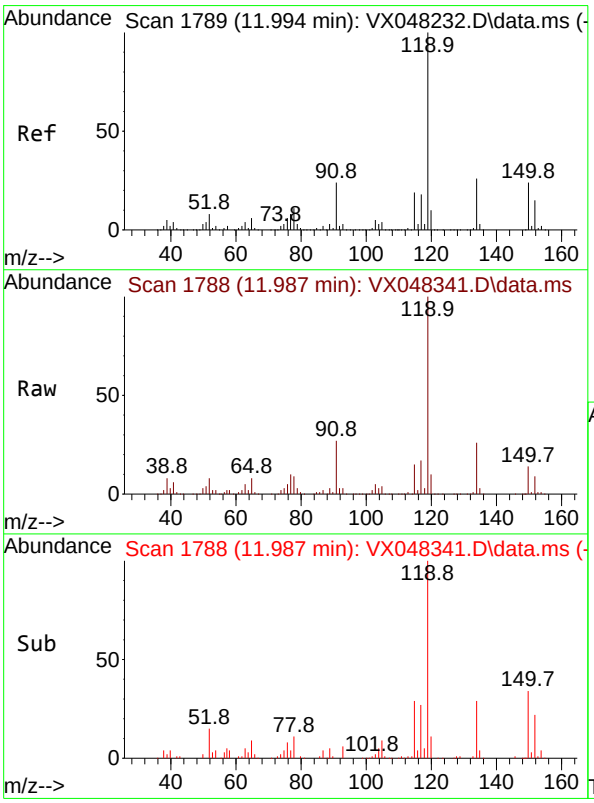

#85
sec-Butylbenzene
Concen: 21.376 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:105 Resp: 165405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.7 | 10.1 | 30.1 |

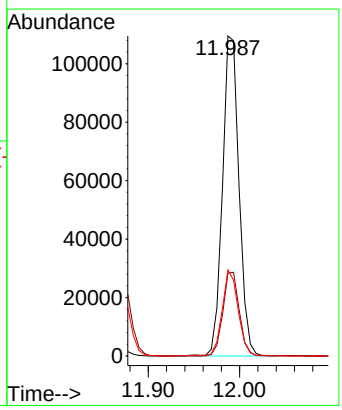


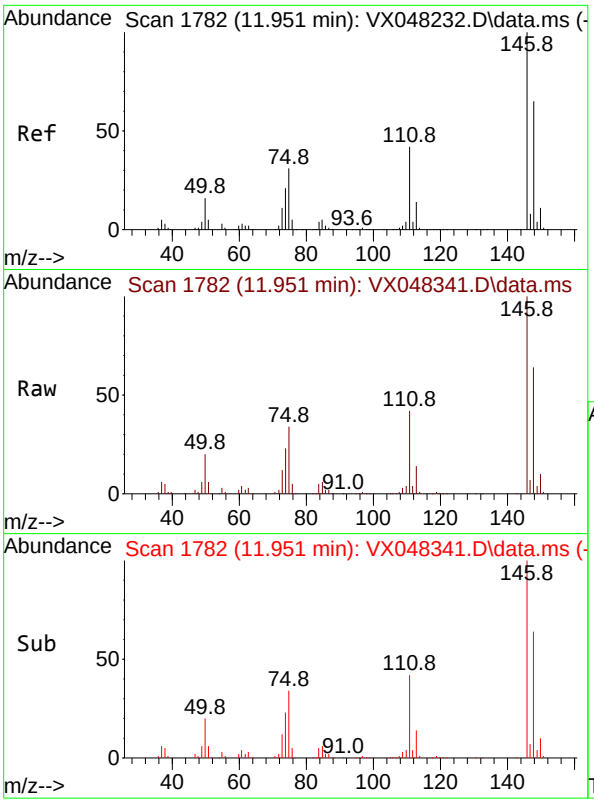




#86
p-Isopropyltoluene
Concen: 20.599 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:119 Resp: 137775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.0 | 13.0 | 39.0 |
| 91 | 25.8 | 12.1 | 36.3 |



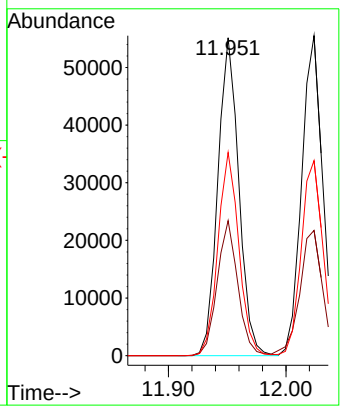


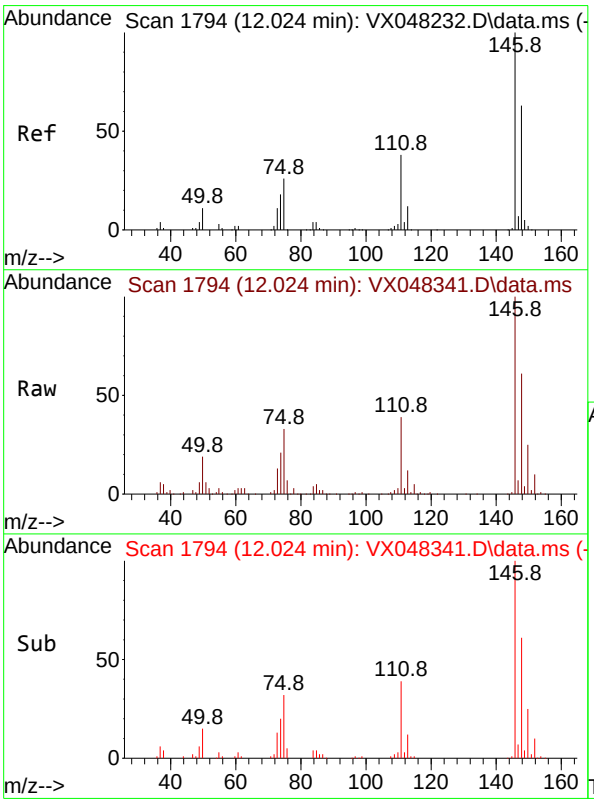

#87
1,3-Dichlorobenzene
Concen: 19.162 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:146 Resp: 68516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 20.4 | 61.2 |
| 148 | 63.8 | 31.9 | 95.9 |

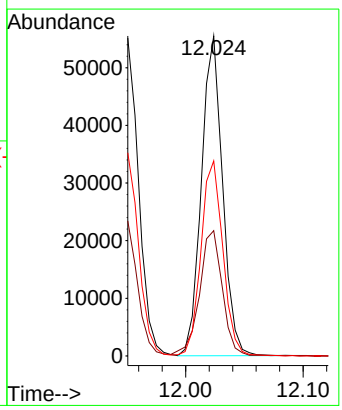


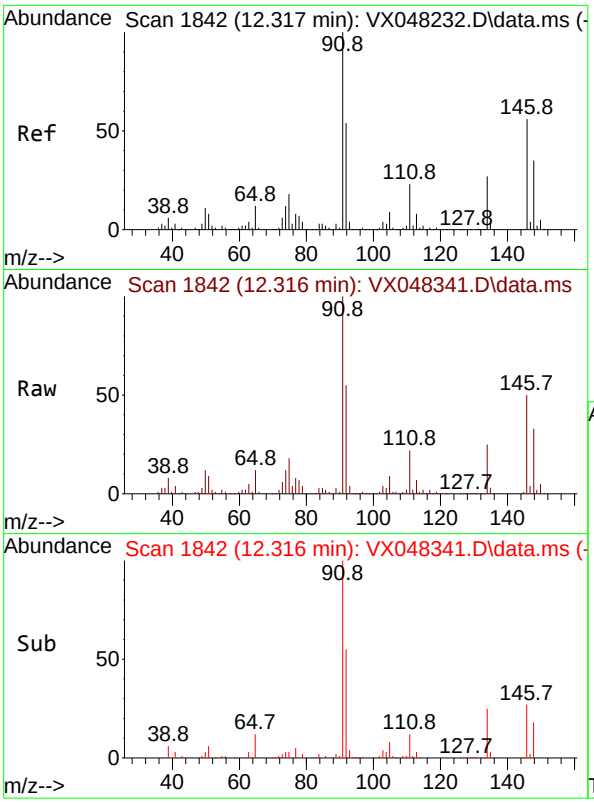




#88
1,4-Dichlorobenzene
Concen: 18.745 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:146 Resp: 69433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.0 | 20.1 | 60.2 |
| 148 | 63.4 | 31.8 | 95.3 |



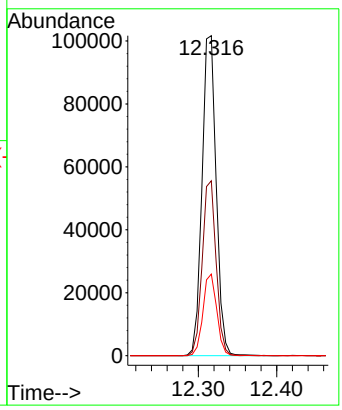


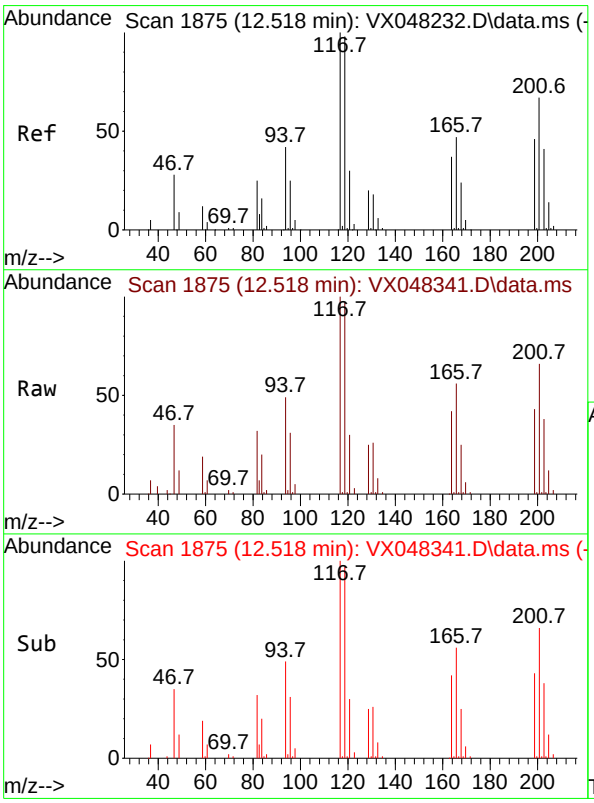

#89
n-Butylbenzene
Concen: 20.961 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion: 91 Resp: 127603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.6 | 26.9 | 80.6 |
| 134 | 24.8 | 12.7 | 38.1 |

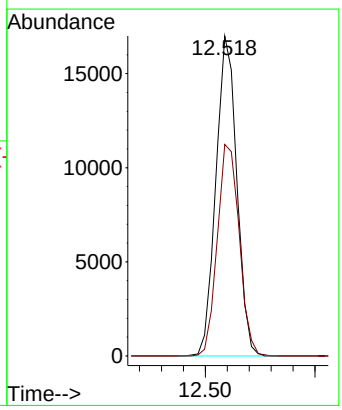


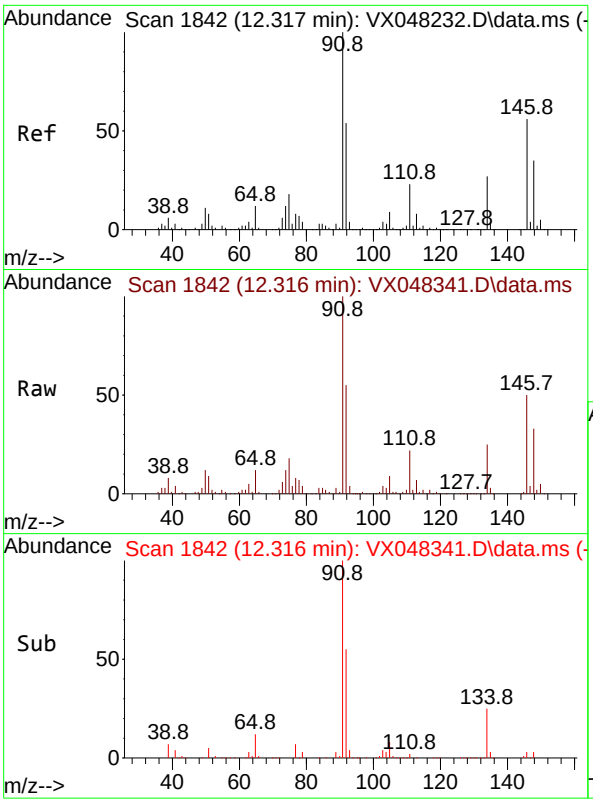




#90
Hexachloroethane
Concen: 17.074 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:117 Resp: 22551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 69.2 | 34.1 | 102.2 |



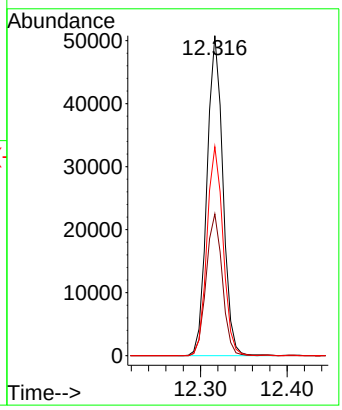


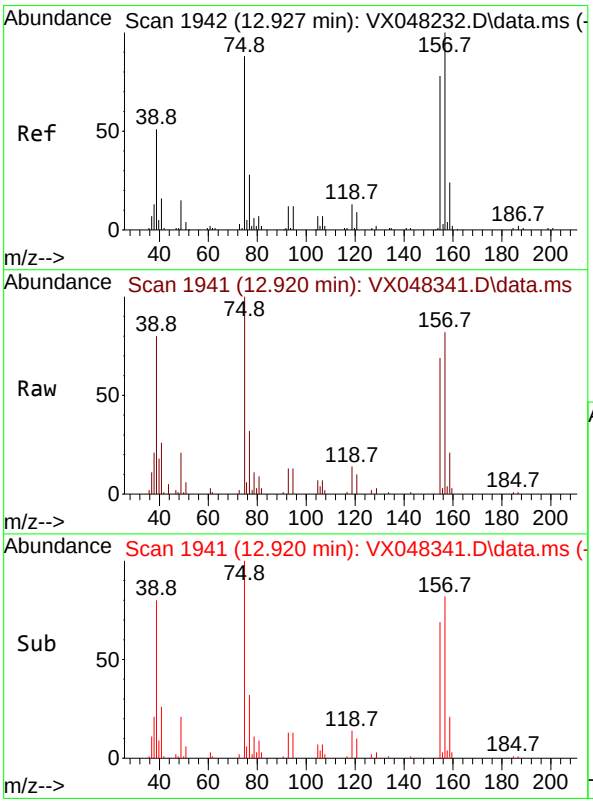

#91
1,2-Dichlorobenzene
Concen: 19.258 ug/l
RT: 12.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:146 Resp: 64650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.8 | 21.9 | 65.5 |
| 148 | 66.1 | 31.9 | 95.5 |

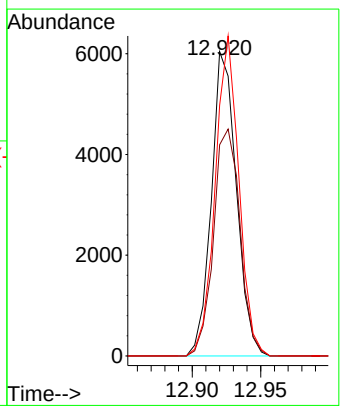


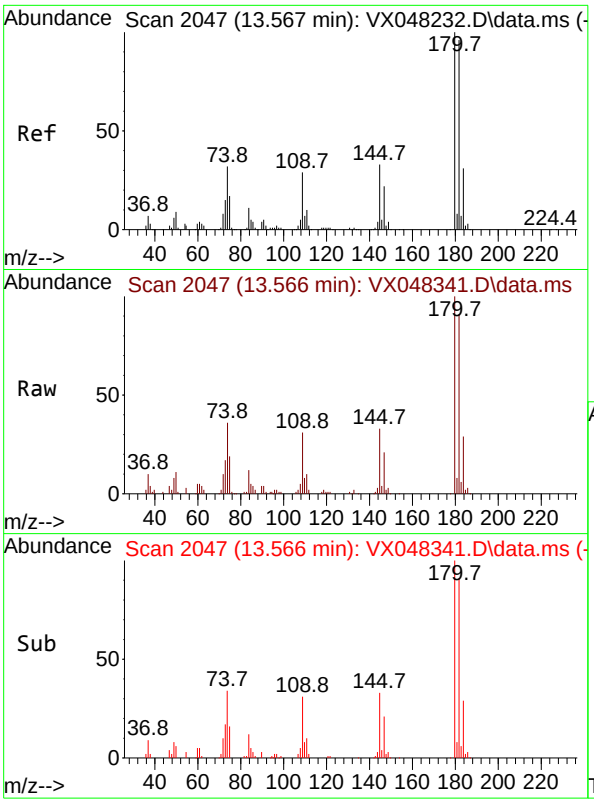




#92
1,2-Dibromo-3-Chloropropane
Concen: 18.235 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion: 75 Resp: 7646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 79.2 | 42.8 | 128.4 |
| 157 | 99.5 | 54.2 | 162.6 |



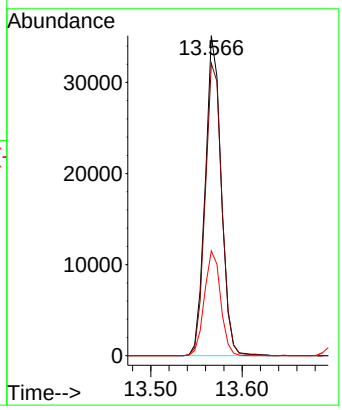


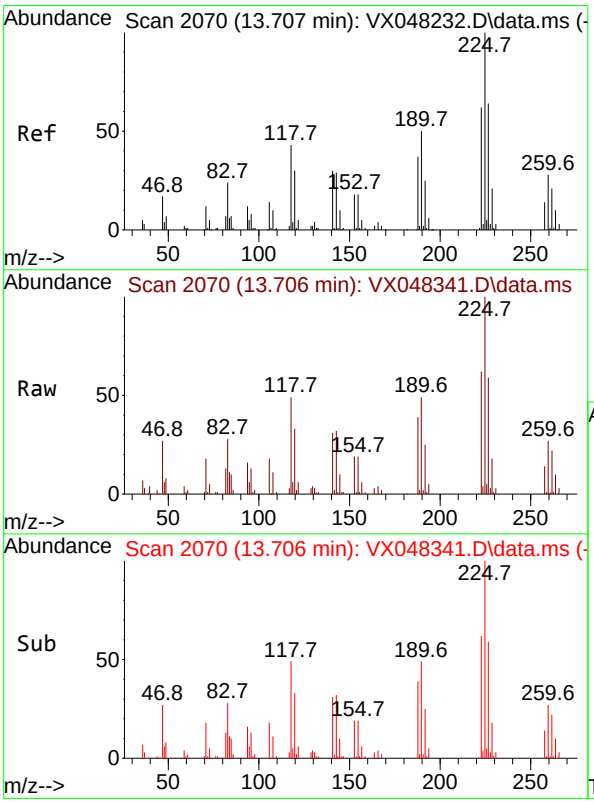

#93
1,2,4-Trichlorobenzene
Concen: 18.762 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:180 Resp: 42595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 47.3 | 142.0 |
| 145 | 33.1 | 16.3 | 48.9 |

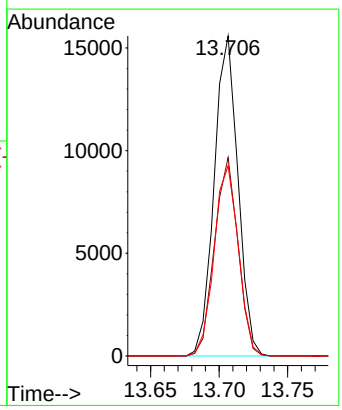


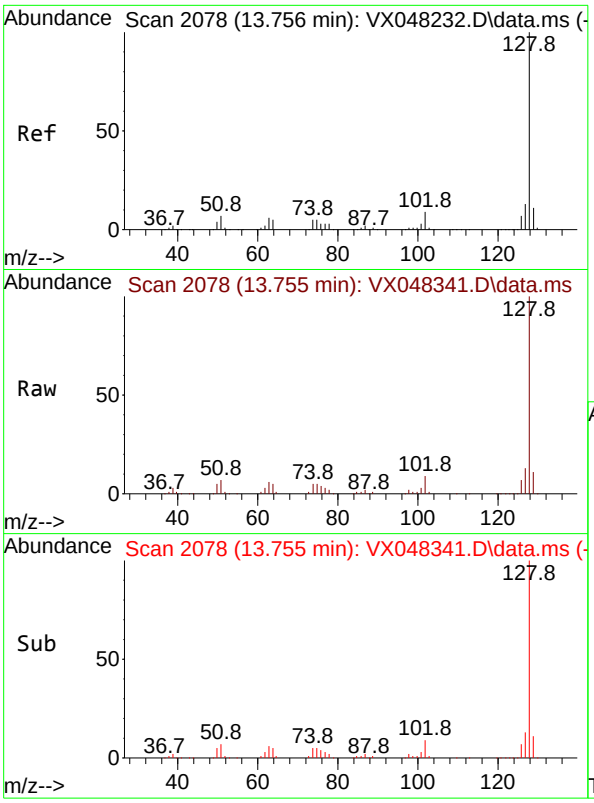




#94
Hexachlorobutadiene
Concen: 22.108 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:225 Resp: 18776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.2 | 32.6 | 97.7 |
| 227 | 60.8 | 32.5 | 97.4 |



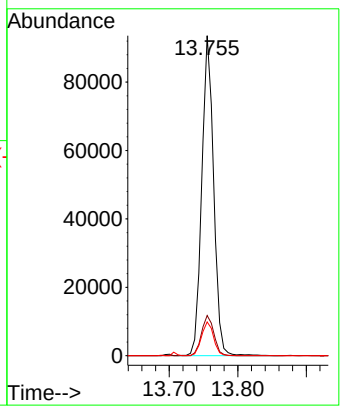


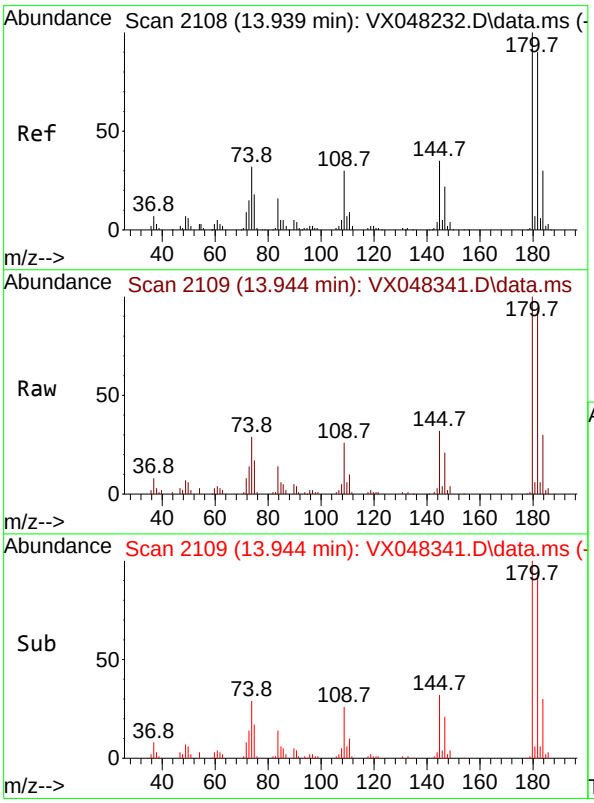

#95
Naphthalene
Concen: 18.747 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBS01

Tgt Ion:128 Resp: 112756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.4 |
| 129 | 10.8 | 8.6 | 12.8 |

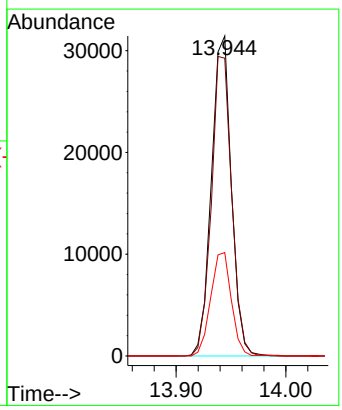



#96
1,2,3-Trichlorobenzene
Concen: 19.115 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048341.D
Acq: 24 Oct 2025 10:15

Tgt Ion:180 Resp: 39822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 46.6 | 139.7 |
| 145 | 33.6 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048342.D
Acq On : 24 Oct 2025 10:43
Operator : JC/MD
Sample : VX1024WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Quant Time: Oct 24 23:01:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.531 | 168 | 137701 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.739 | 114 | 225696 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 197290 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.000 | 152 | 98612 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.934 | 65 | 102570 | 53.127 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 106.260% | | | |
| 35) Dibromofluoromethane | 5.367 | 113 | 62228 | 40.386 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 80.780% | | | |
| 50) Toluene-d8 | 8.628 | 98 | 267872 | 49.599 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.200% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 99386 | 48.373 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 96.740% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 25143 | 17.762 | ug/l | 94 |
| 3) Chloromethane | 1.300 | 50 | 12822 | 9.704 | ug/l | 95 |
| 4) Vinyl Chloride | 1.380 | 62 | 32569 | 26.618 | ug/l | 100 |
| 5) Bromomethane | 1.617 | 94 | 12351 | 14.874 | ug/l | 99 |
| 6) Chloroethane | 1.697 | 64 | 20040 | 27.873 | ug/l # | 87 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 57777 | 24.622 | ug/l | 99 |
| 8) Diethyl Ether | 2.130 | 74 | 20192 | 30.581 | ug/l | 96 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 31911 | 21.475 | ug/l | 99 |
| 10) Methyl Iodide | 2.459 | 142 | 111359 | 59.612 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.928 | 59 | 15744 | 82.132 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 28121 | 19.452 | ug/l | 97 |
| 13) Acrolein | 2.233 | 56 | 25266 | 129.236 | ug/l | 98 |
| 14) Allyl chloride | 2.666 | 41 | 50781 | 21.157 | ug/l | 96 |
| 15) Acrylonitrile | 3.050 | 53 | 69449 | 100.473 | ug/l | 99 |
| 16) Acetone | 2.367 | 43 | 50022 | 75.524 | ug/l | 95 |
| 17) Carbon Disulfide | 2.514 | 76 | 80803 | 17.735 | ug/l | 98 |
| 18) Methyl Acetate | 2.697 | 43 | 30264 | 21.879 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 104287 | 21.145 | ug/l | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 31918 | 19.778 | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 31734 | 19.984 | ug/l | 97 |
| 22) Diisopropyl ether | 3.745 | 45 | 112880 | 23.579 | ug/l | 98 |
| 23) Vinyl Acetate | 3.709 | 43 | 415767 | 108.723 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 60362 | 20.853 | ug/l | 99 |
| 25) 2-Butanone | 4.532 | 43 | 79792 | 95.179 | ug/l | 95 |
| 26) 2,2-Dichloropropane | 4.465 | 77 | 52806 | 20.211 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.477 | 96 | 37304 | 20.128 | ug/l | 96 |
| 28) Bromochloromethane | 4.885 | 49 | 26145 | 21.783 | ug/l | 99 |
| 29) Tetrahydrofuran | 4.983 | 42 | 51766 | 103.102 | ug/l | 99 |
| 30) Chloroform | 5.074 | 83 | 64392 | 20.821 | ug/l | 92 |
| 31) Cyclohexane | 5.452 | 56 | 54699 | 22.824 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 5.367 | 97 | 58203 | 20.420 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 5.678 | 75 | 44017 | 20.099 | ug/l | 98 |
| 37) Ethyl Acetate | 4.690 | 43 | 39763 | 21.905 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.659 | 117 | 51364 | 19.010 | ug/l | 98 |
| 39) Methylcyclohexane | 7.360 | 83 | 54639 | 21.126 | ug/l | 99 |
| 40) Benzene | 6.019 | 78 | 128108 | 20.148 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048342.D
Acq On : 24 Oct 2025 10:43
Operator : JC/MD
Sample : VX1024WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Quant Time: Oct 24 23:01:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.897 | 41 | 21026 | 22.057 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.068 | 62 | 50777 | 21.642 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.318 | 43 | 67251 | 22.554 | ug/l | | 99 |
| 44) Trichloroethene | 7.110 | 130 | 32933 | 19.616 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 32923 | 21.779 | ug/l | | 97 |
| 46) Dibromomethane | 7.562 | 93 | 23790 | 20.200 | ug/l | | 98 |
| 47) Bromodichloromethane | 7.805 | 83 | 49713 | 19.549 | ug/l | | 96 |
| 48) Methyl methacrylate | 7.671 | 41 | 32820 | 21.813 | ug/l | | 97 |
| 49) 1,4-Dioxane | 7.641 | 88 | 6826 | 343.399 | ug/l | # | 94 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 188686 | 109.755 | ug/l | | 99 |
| 52) Toluene | 8.702 | 92 | 80539 | 19.939 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 47287 | 19.297 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.348 | 75 | 50121 | 18.957 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 30674 | 20.420 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.098 | 69 | 44167 | 20.102 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 53321 | 20.781 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 118521 | 101.339 | ug/l | | 99 |
| 59) 2-Hexanone | 9.415 | 43 | 125081 | 104.343 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.506 | 129 | 36681 | 18.168 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 31369 | 19.589 | ug/l | | 97 |
| 64) Tetrachloroethene | 9.256 | 164 | 31271 | 21.232 | ug/l | | 95 |
| 65) Chlorobenzene | 10.061 | 112 | 87547 | 19.726 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 31852 | 19.540 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 153603 | 20.328 | ug/l | | 98 |
| 68) m/p-Xylenes | 10.287 | 106 | 115372 | 41.095 | ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 54907 | 20.258 | ug/l | | 99 |
| 70) Styrene | 10.640 | 104 | 92792 | 20.106 | ug/l | | 98 |
| 71) Bromoform | 10.780 | 173 | 22978 | 17.637 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.945 | 105 | 148568 | 20.627 | ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 58253 | 22.801 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 39083 | 19.870 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 42575 | 26.623 | ug/l | | 80 |
| 77) Bromobenzene | 11.177 | 156 | 34578 | 19.146 | ug/l | | 98 |
| 78) n-propylbenzene | 11.286 | 91 | 175426 | 21.036 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 102875 | 20.347 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 123122 | 20.656 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 8998 | 13.689 | ug/l | # | 79 |
| 82) 4-Chlorotoluene | 11.439 | 91 | 122719 | 20.446 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.695 | 119 | 123899 | 20.231 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.732 | 105 | 122164 | 20.537 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 154615 | 20.984 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.988 | 119 | 128679 | 20.205 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 65372 | 19.201 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 66499 | 18.854 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.311 | 91 | 122166 | 21.075 | ug/l | | 99 |
| 90) Hexachloroethane | 12.518 | 117 | 21976 | 17.474 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 62138 | 19.439 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75 | 7963 | 19.944 | ug/l | | 88 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 40804 | 18.876 | ug/l | | 97 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 18104 | 22.386 | ug/l | | 98 |
| 95) Naphthalene | 13.756 | 128 | 110334 | 19.265 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.938 | 180 | 37968 | 19.140 | ug/l | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048342.D
Acq On : 24 Oct 2025 10:43
Operator : JC/MD
Sample : VX1024WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Quant Time: Oct 24 23:01:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

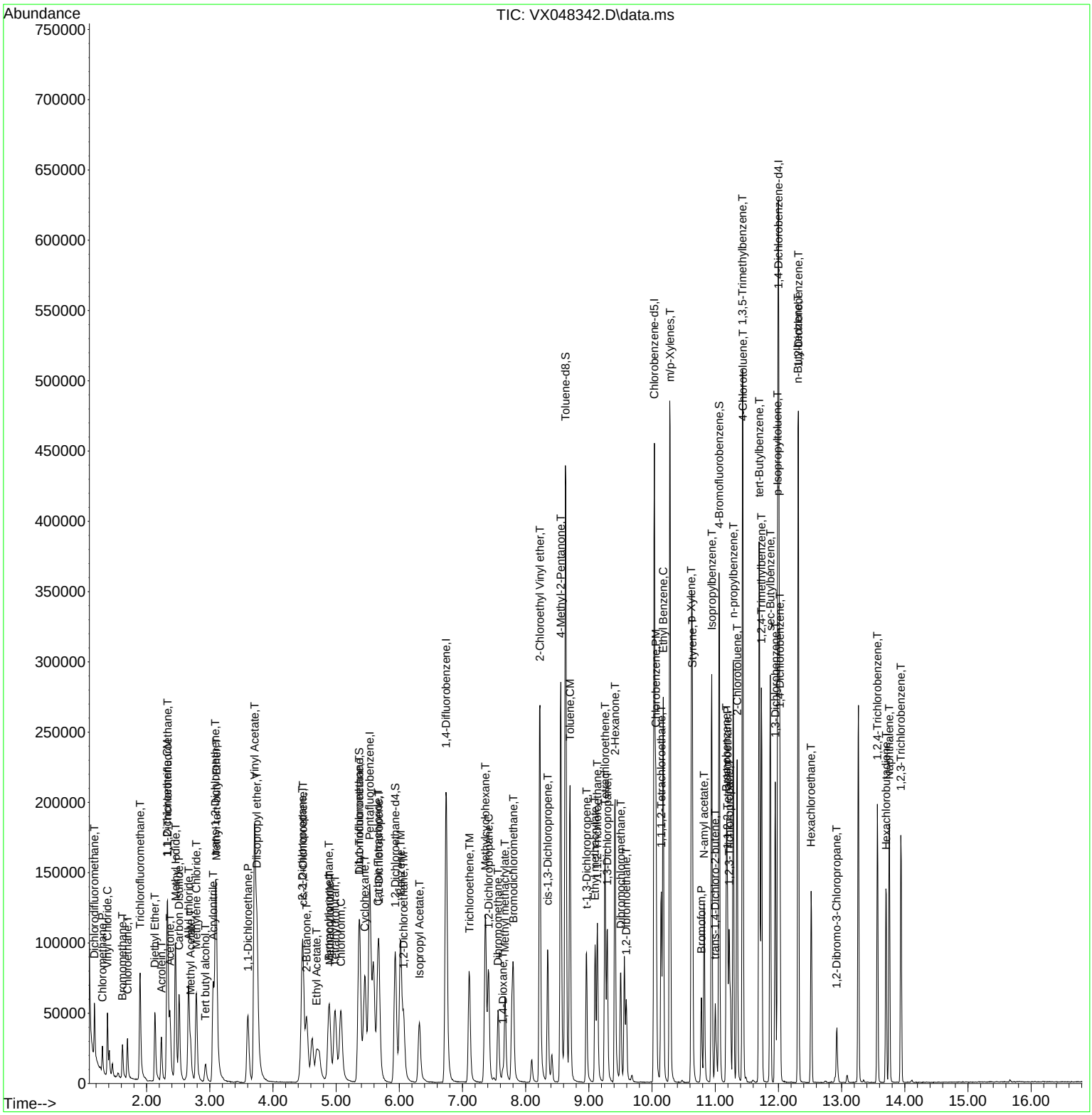
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

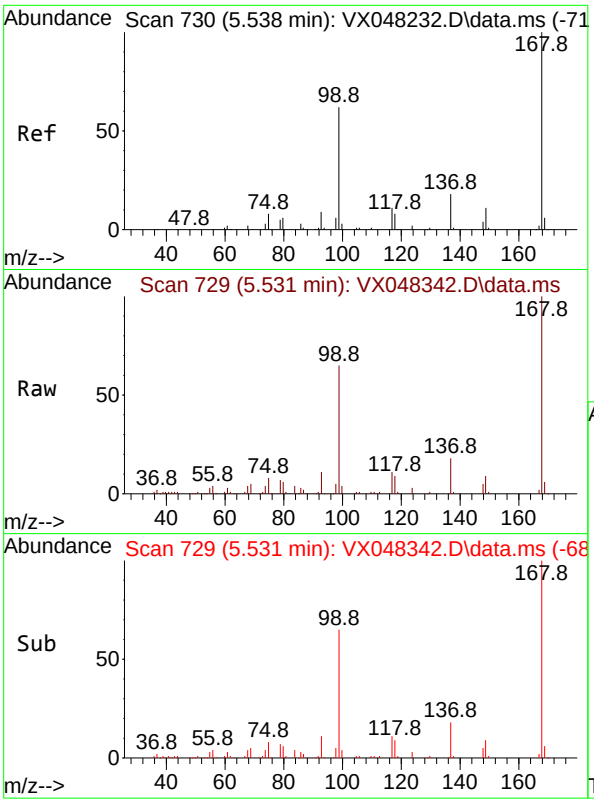
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048342.D
Acq On : 24 Oct 2025 10:43
Operator : JC/MD
Sample : VX1024WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Quant Time: Oct 24 23:01:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



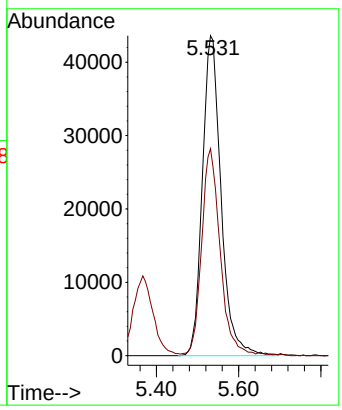


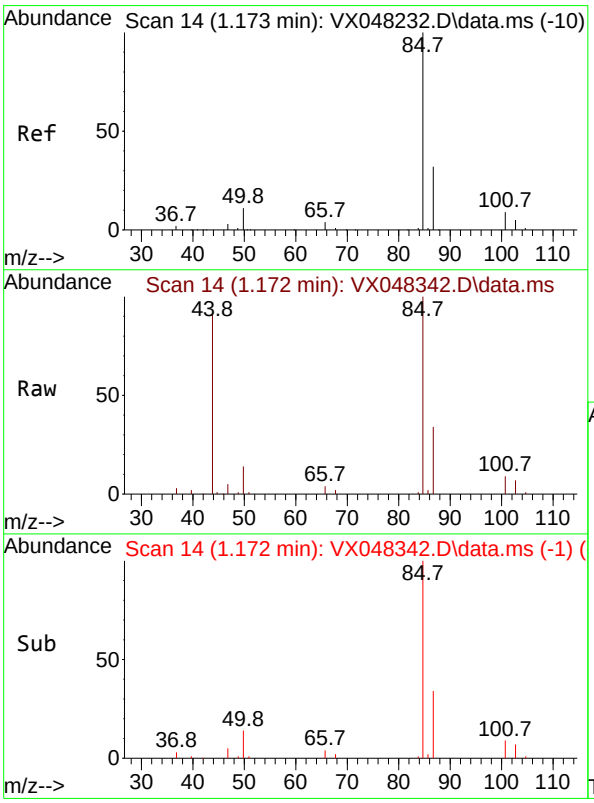

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:168 Resp: 137701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 64.4 | 46.4 | 69.6 |

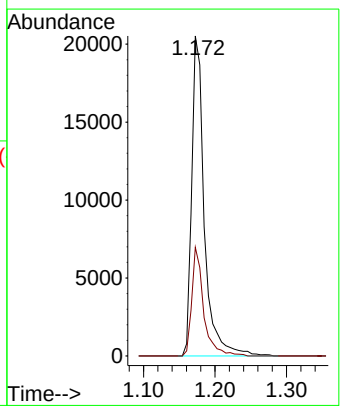


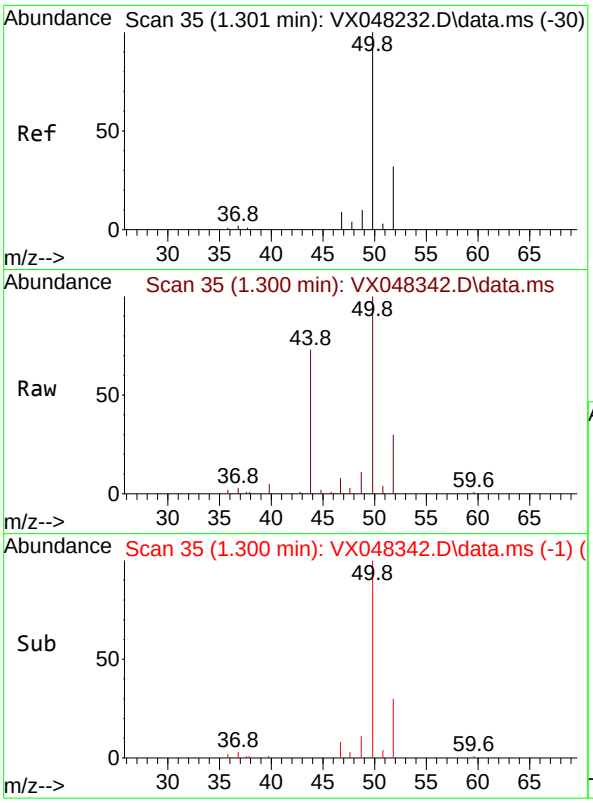




#2
Dichlorodifluoromethane
Concen: 17.762 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 85 Resp: 25143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.9 | 15.3 | 45.9 |



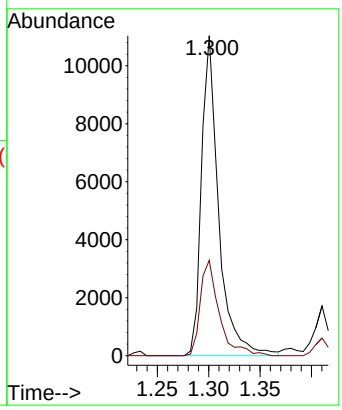


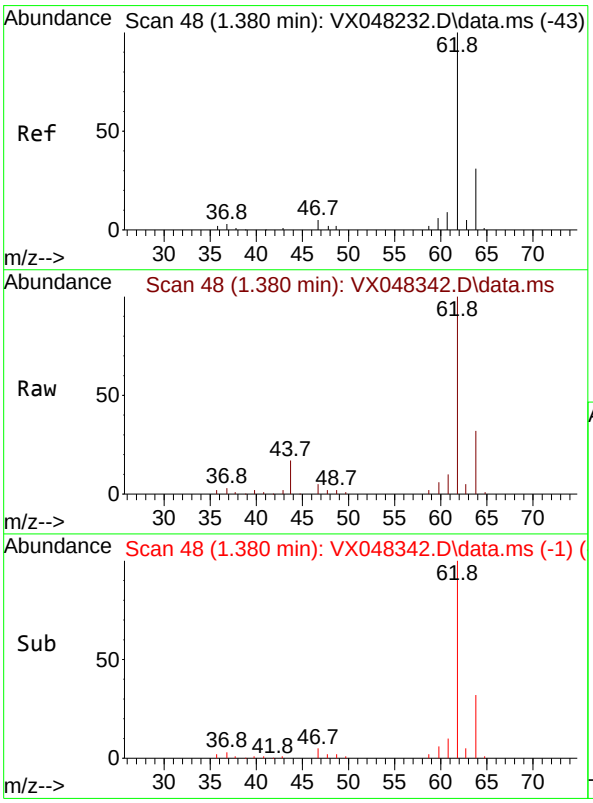

#3
Chloromethane
Concen: 9.704 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 50 Resp: 12822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 29.8 | 25.9 | 38.9 |

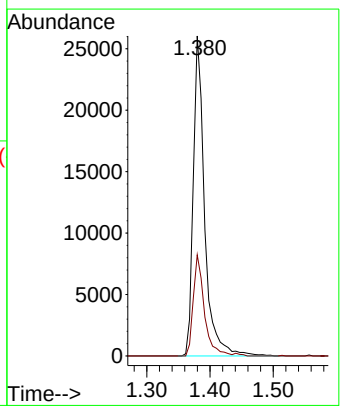


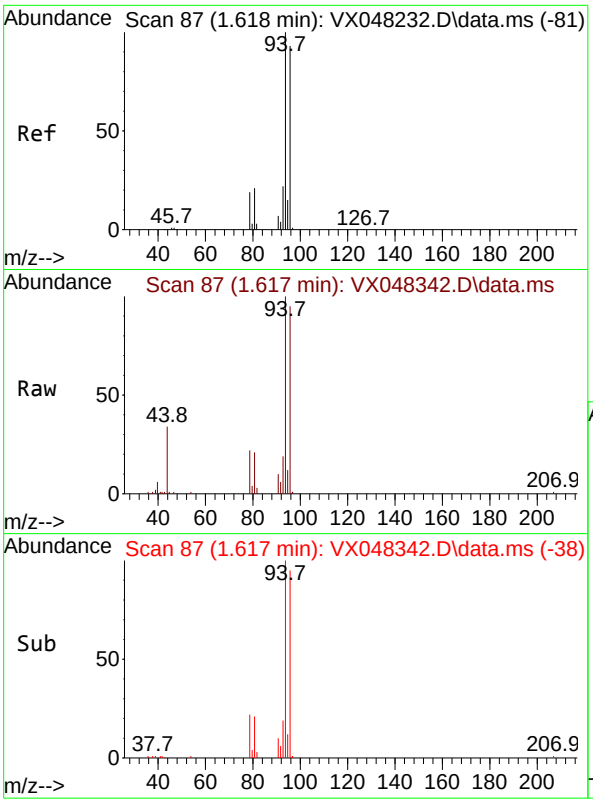




#4
Vinyl Chloride
Concen: 26.618 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 62 Resp: 32569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.6 | 25.1 | 37.7 |



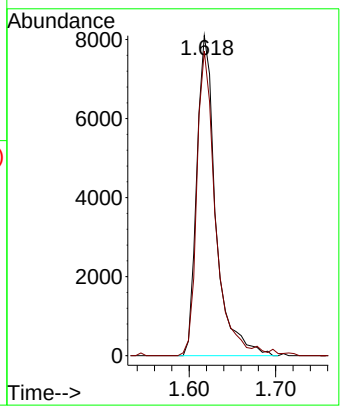


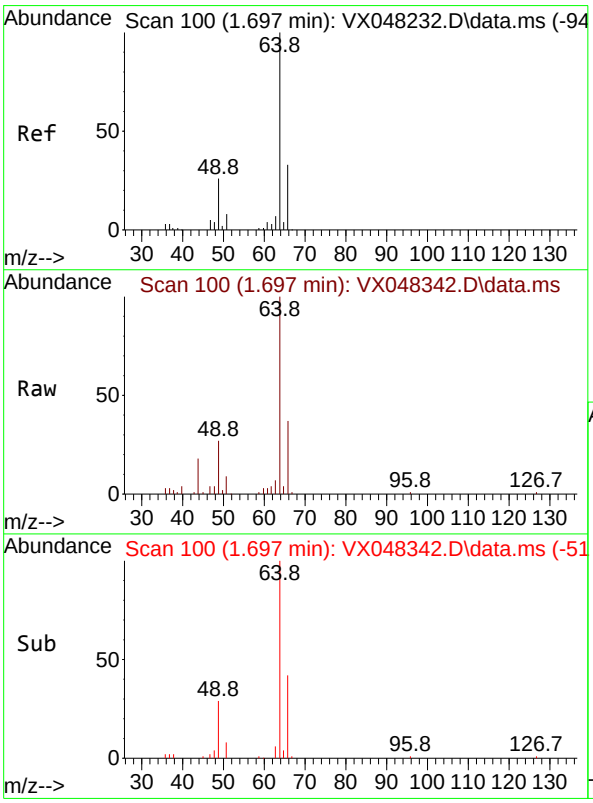

#5
Bromomethane
Concen: 14.874 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 94 Resp: 12351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.3 | 76.0 | 114.0 |

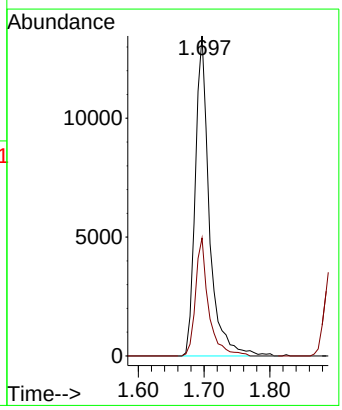


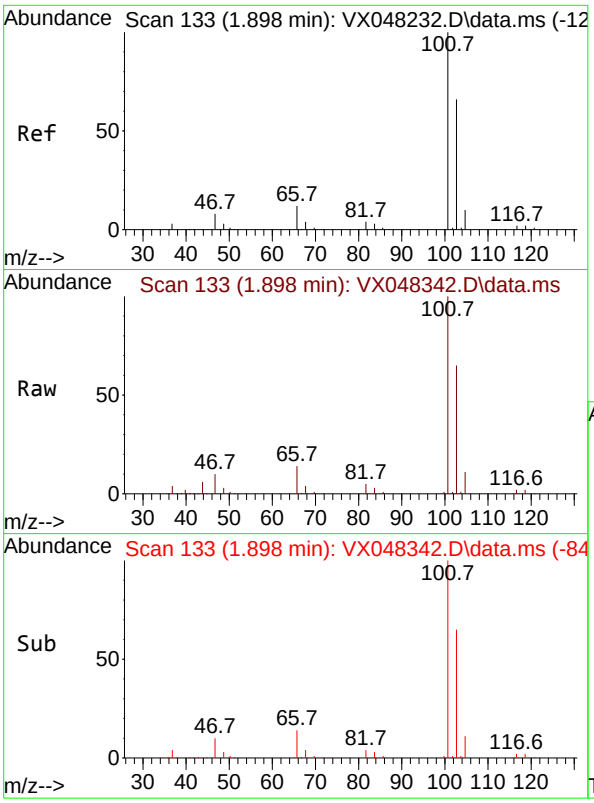




#6
Chloroethane
Concen: 27.873 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 64 Resp: 20040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 36.8 | 23.9 | 35.9# |



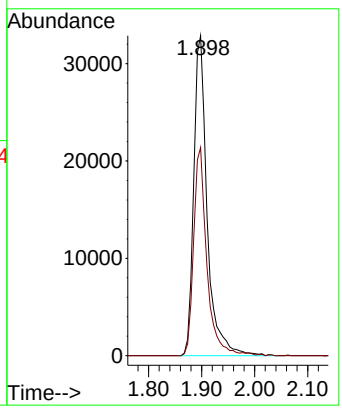


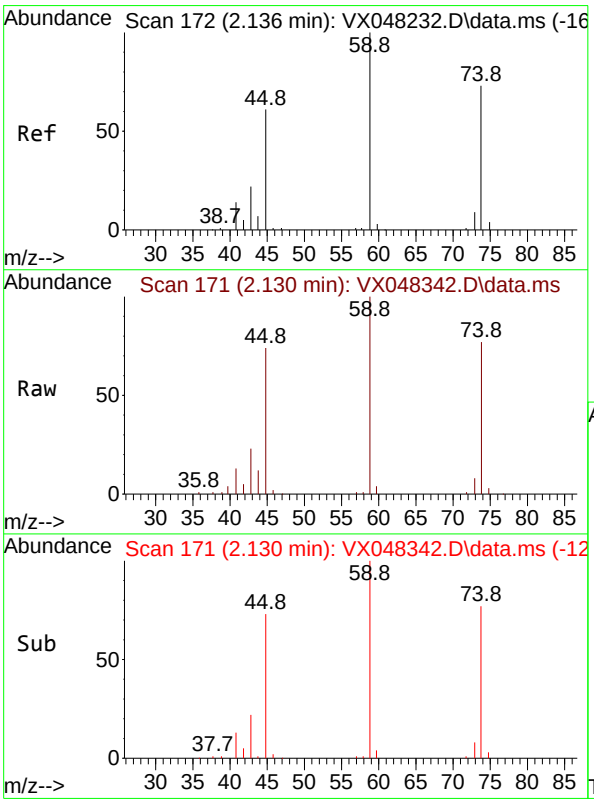

#7
Trichlorofluoromethane
Concen: 24.622 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:101 Resp: 57777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.1 | 51.6 | 77.4 |

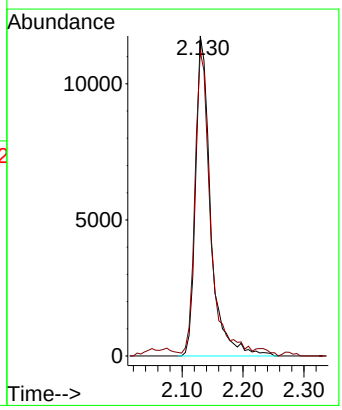


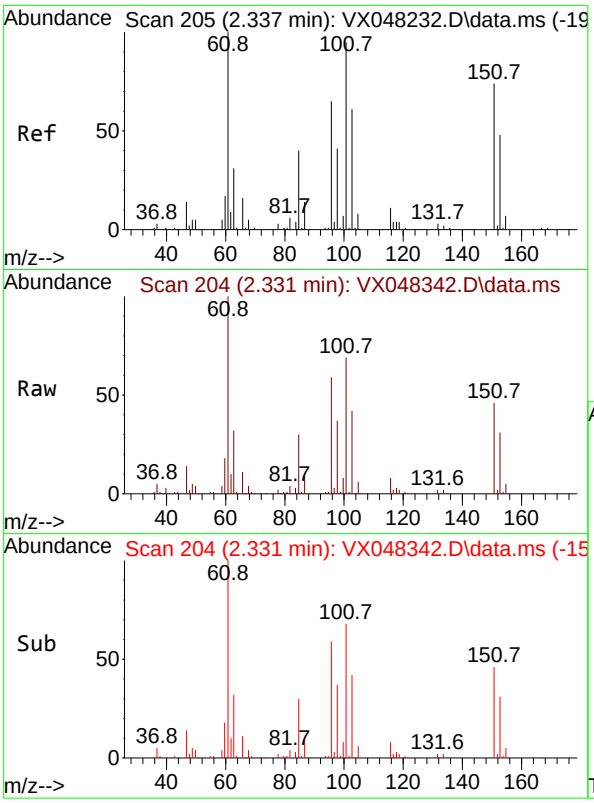




#8
Diethyl Ether
Concen: 30.581 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 74 Resp: 20192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 95.4 | 50.0 | 149.8 |



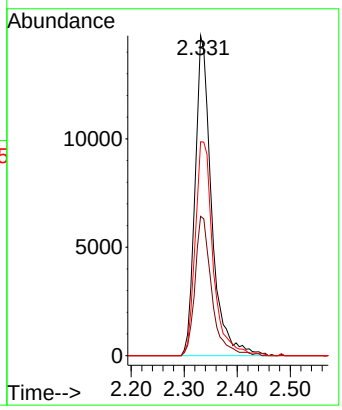


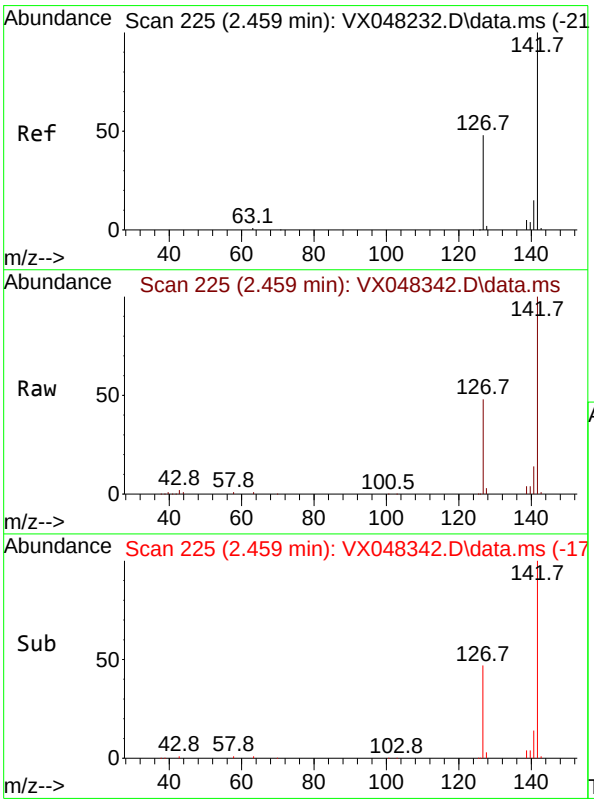

#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.475 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:101 Resp: 31911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.0 | 35.6 | 53.4 |
| 151 | 72.1 | 58.0 | 87.0 |

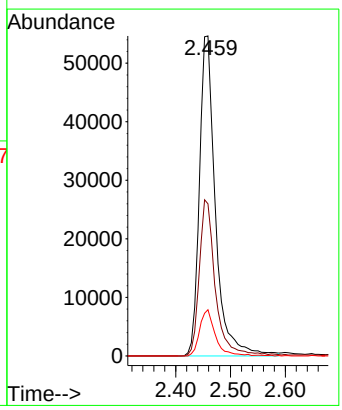


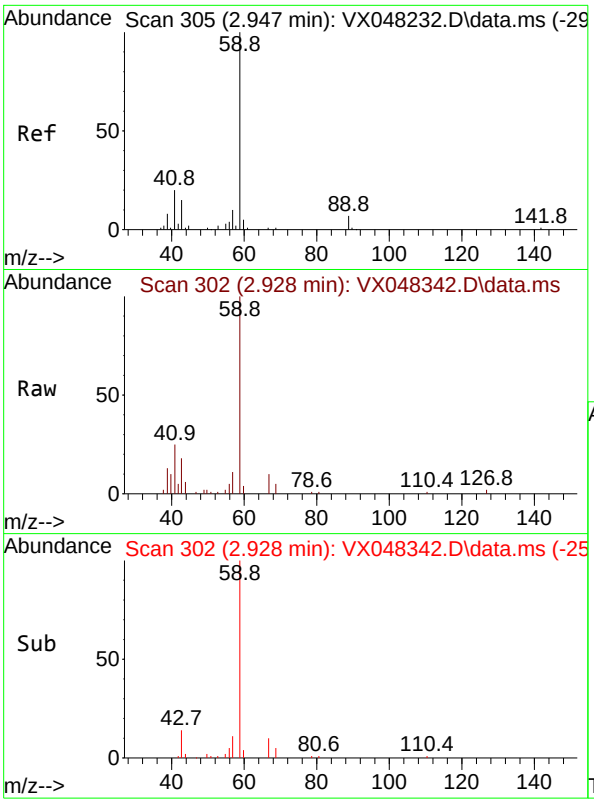




#10
Methyl Iodide
Concen: 59.612 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:142 Resp: 111359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 49.0 | 38.5 | 57.7 |
| 141 | 14.0 | 11.6 | 17.4 |



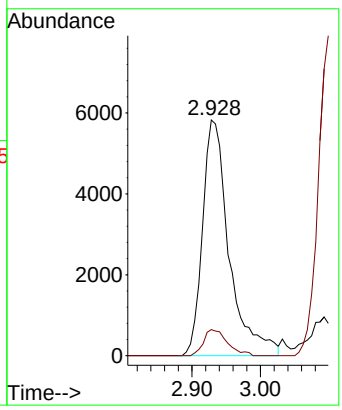


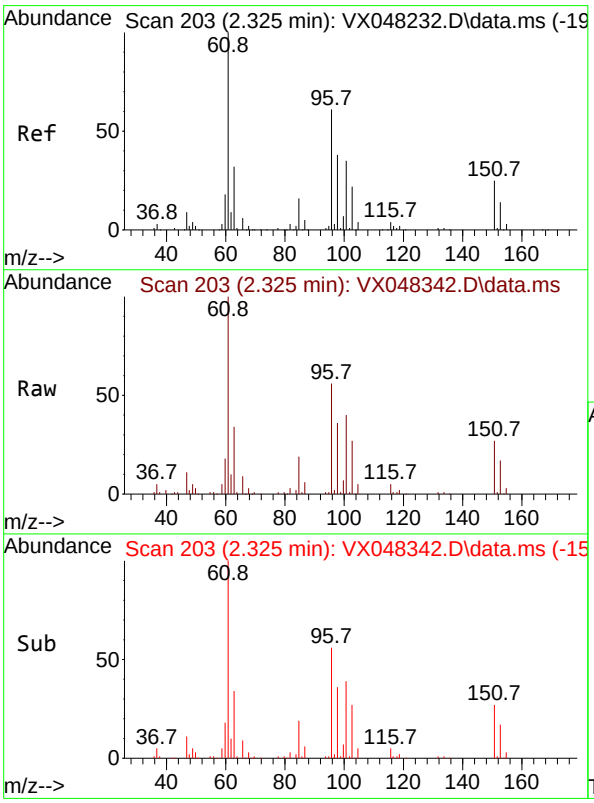

#11
Tert butyl alcohol
Concen: 82.132 ug/l
RT: 2.928 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 59 Resp: 15744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 8.2 | 12.4 |

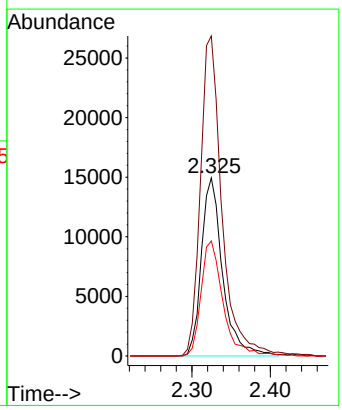


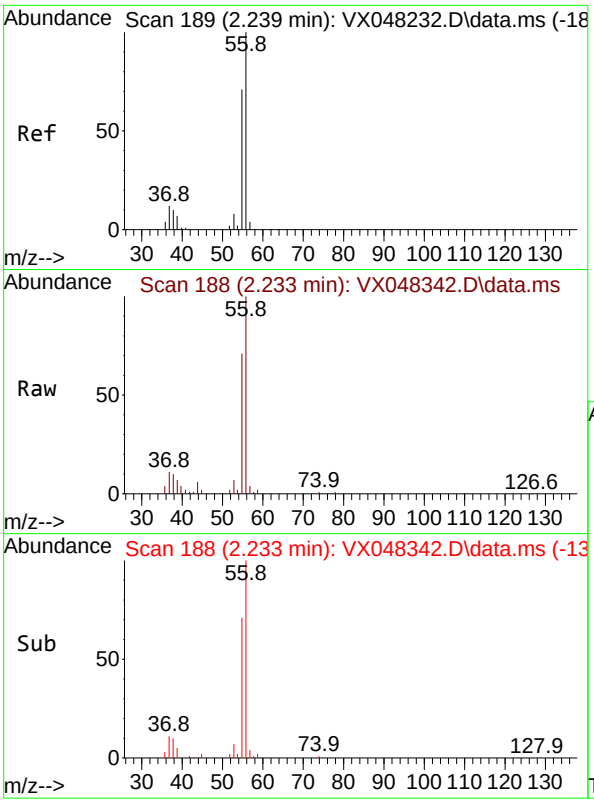




#12
1,1-Dichloroethene
Concen: 19.452 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 96 Resp: 28121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 179.7 | 139.0 | 208.6 |
| 98 | 64.6 | 52.4 | 78.6 |



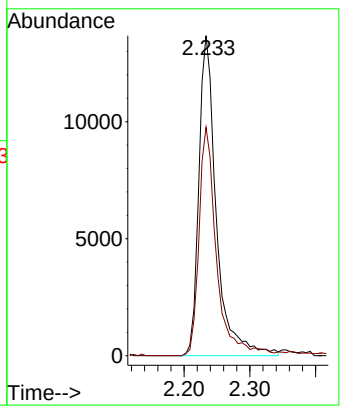


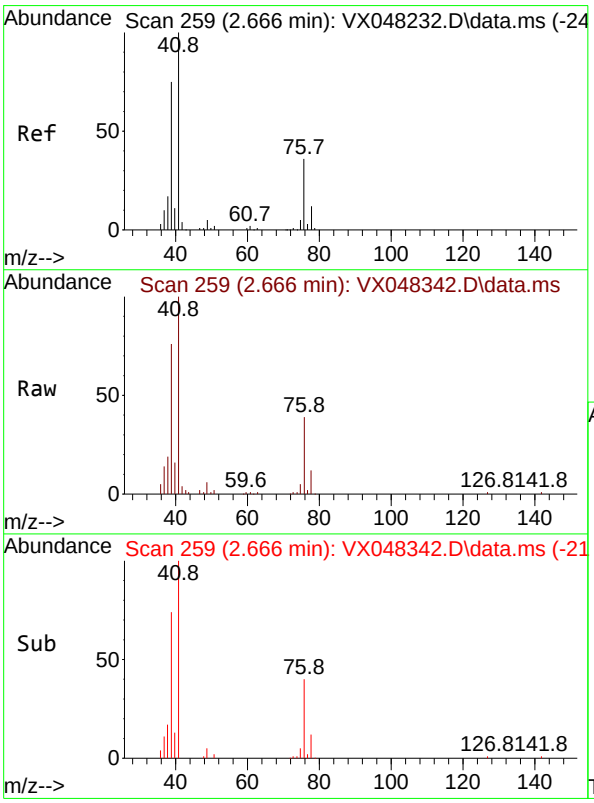

#13
Acrolein
Concen: 129.236 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 56 Resp: 25266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.4 | 56.1 | 84.1 |

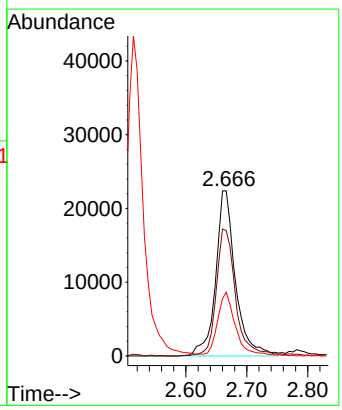


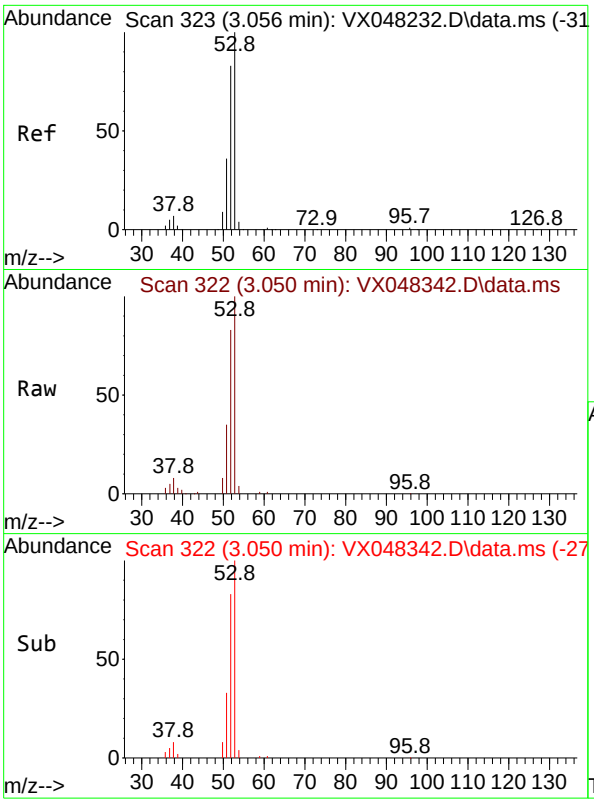




#14
Allyl chloride
Concen: 21.157 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 41 Resp: 50781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 75.0 | 56.0 | 84.0 |
| 76 | 35.0 | 27.5 | 41.3 |



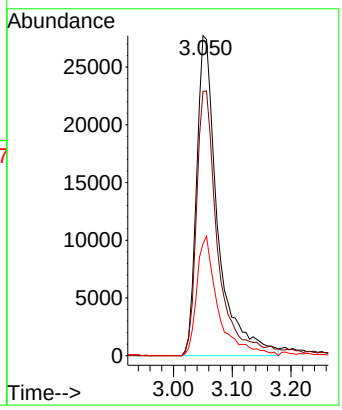


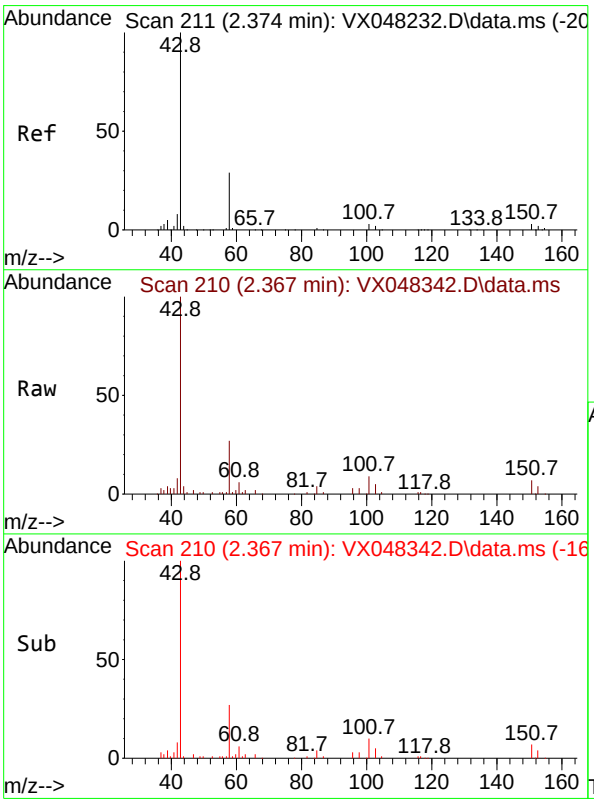

#15
Acrylonitrile
Concen: 100.473 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 53 Resp: 69449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.0 | 66.1 | 99.1 |
| 51 | 37.6 | 29.0 | 43.4 |

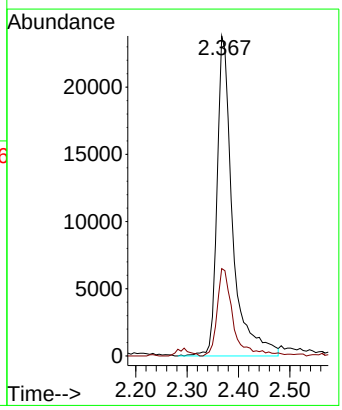


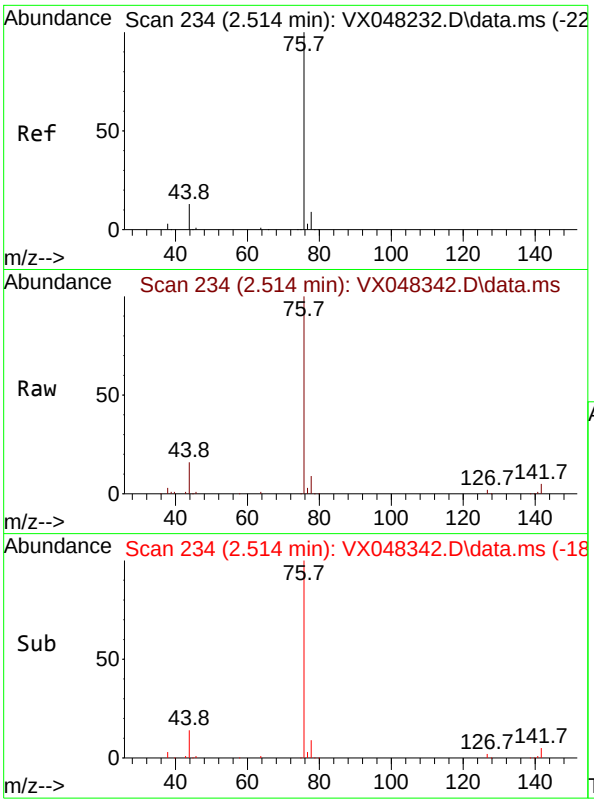




#16
Acetone
Concen: 75.524 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 43 Resp: 50022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.8 | 23.4 | 35.2 |



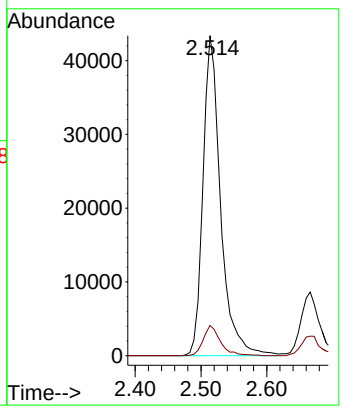


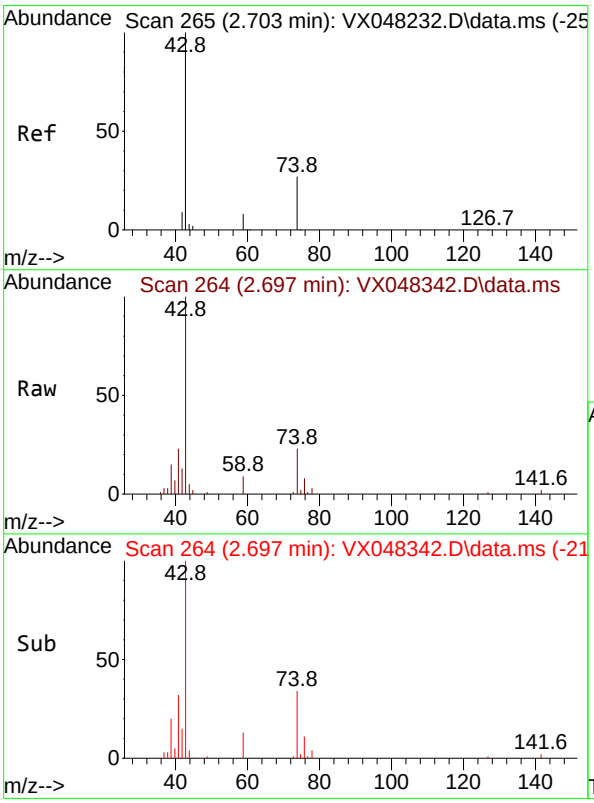

#17
Carbon Disulfide
Concen: 17.735 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 76 Resp: 80803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.7 | 7.1 | 10.7 |

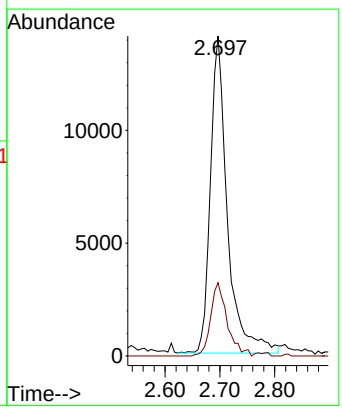


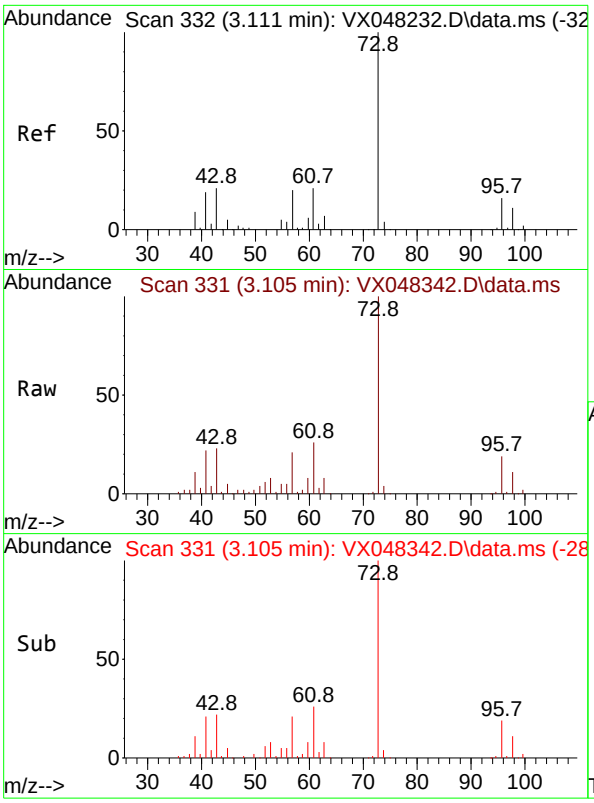




#18
Methyl Acetate
Concen: 21.879 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 43 Resp: 30264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.5 | 17.5 | 26.3 |



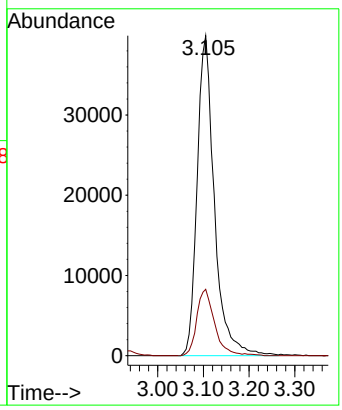


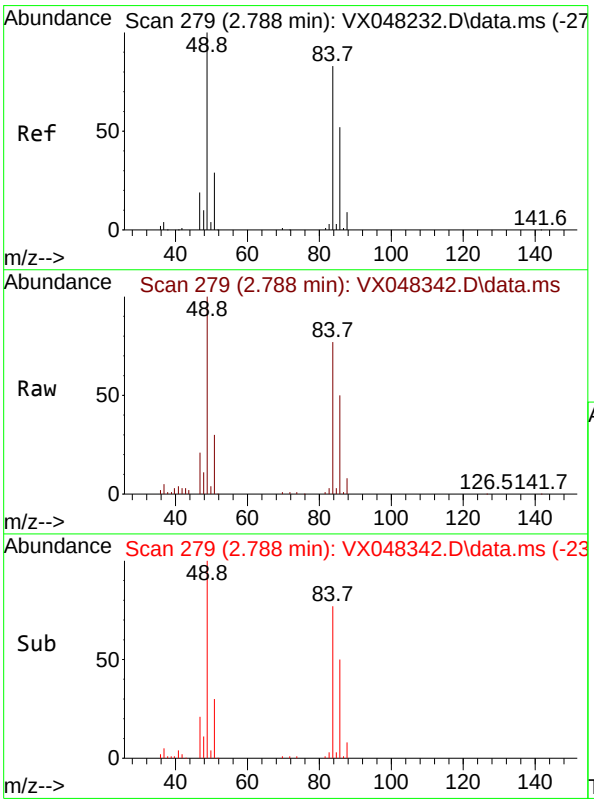

#19
Methyl tert-butyl Ether
Concen: 21.145 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 73 Resp: 104287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.7 | 17.7 | 26.5 |

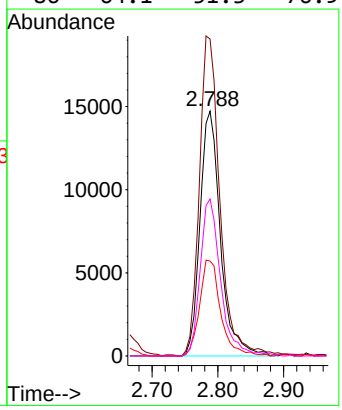


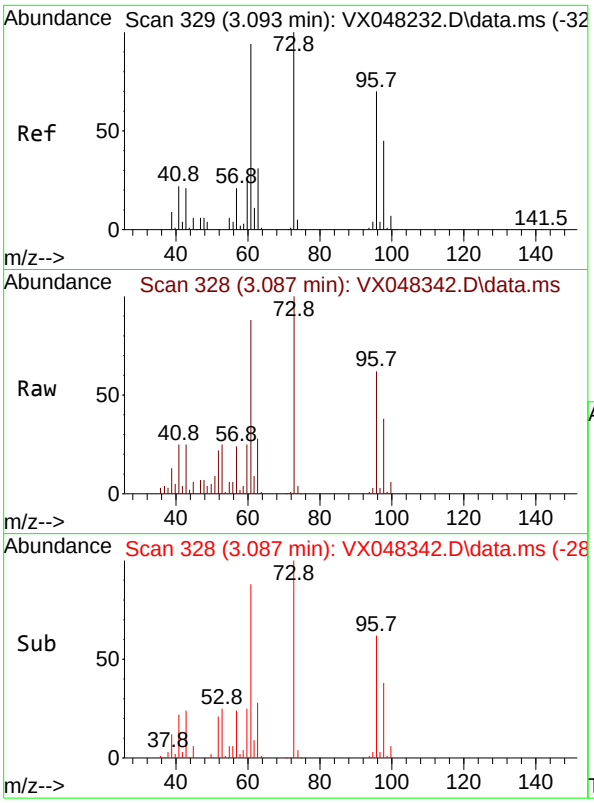




#20
Methylene Chloride
Concen: 19.778 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 84 Resp: 31918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 129.4 | 104.1 | 156.1 |
| 51 | 38.7 | 31.3 | 46.9 |
| 86 | 64.1 | 51.3 | 76.9 |



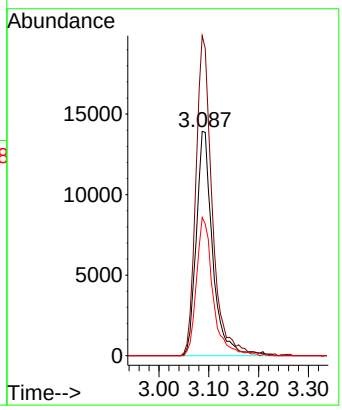


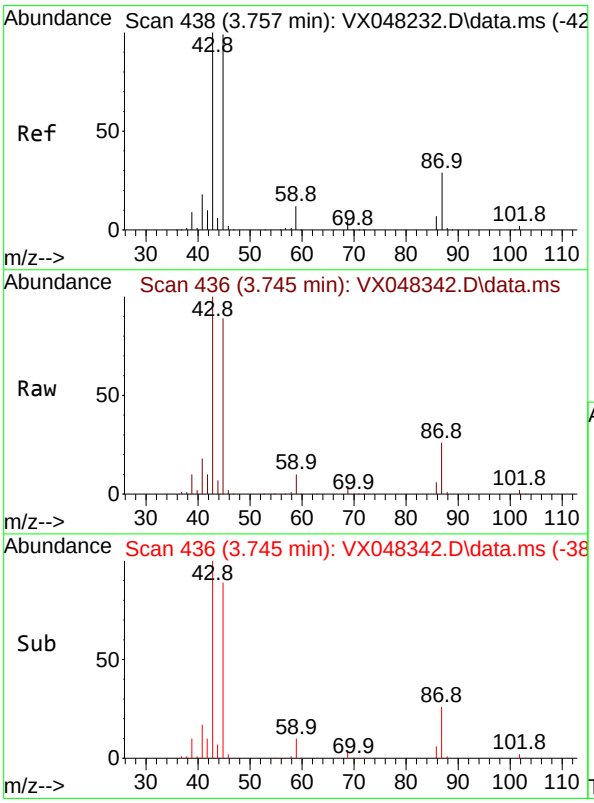

#21
trans-1,2-Dichloroethene
Concen: 19.984 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 96 Resp: 31734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.7 | 111.9 | 167.9 |
| 98 | 61.6 | 51.2 | 76.8 |

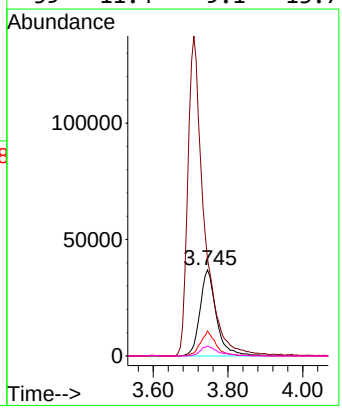


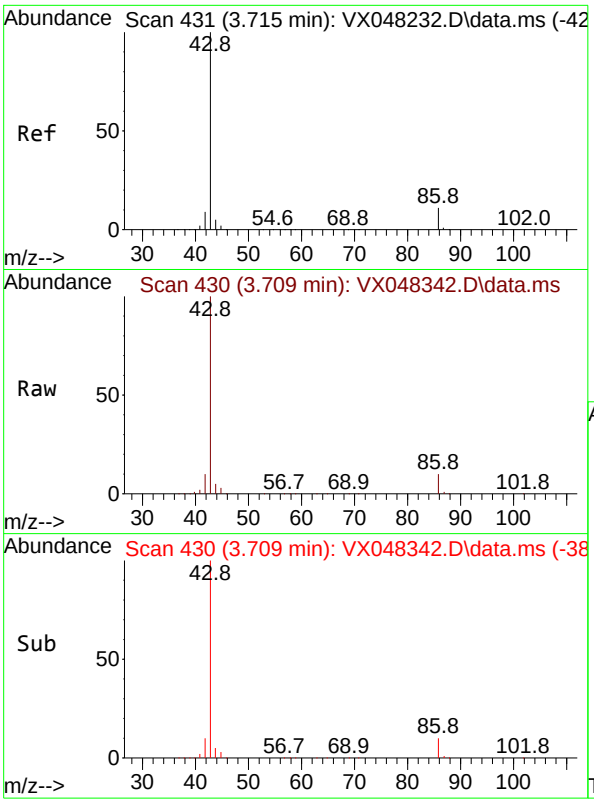




#22
Diisopropyl ether
Concen: 23.579 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 45 Resp: 112880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 110.6 | 89.8 | 134.8 |
| 87 | 29.1 | 20.6 | 31.0 |
| 59 | 11.4 | 9.1 | 13.7 |



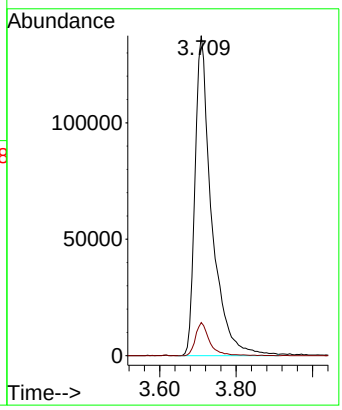


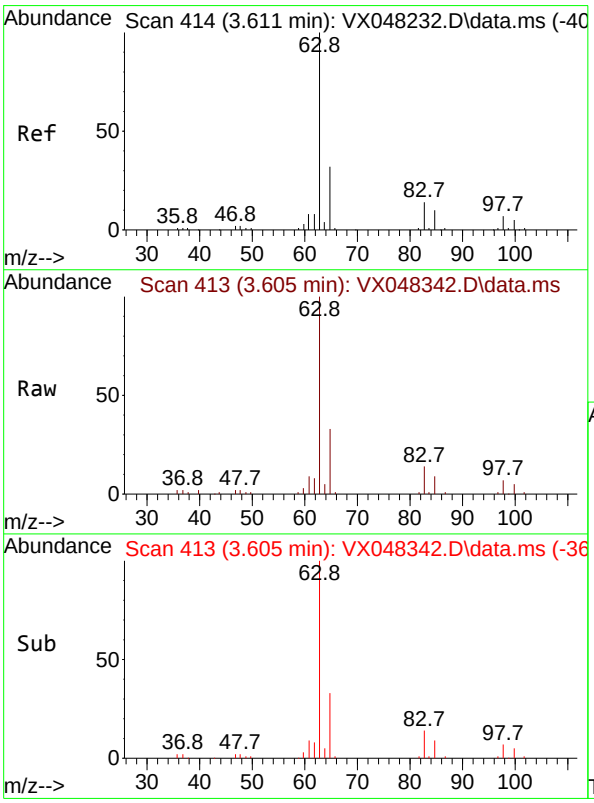

#23
Vinyl Acetate
Concen: 108.723 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 43 Resp: 415767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.3 | 7.9 | 11.9 |

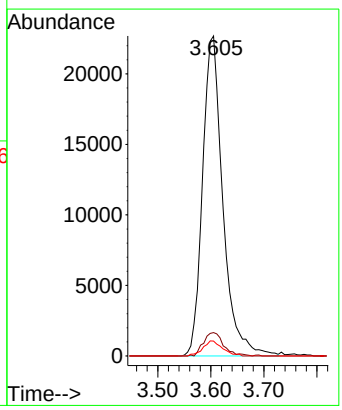


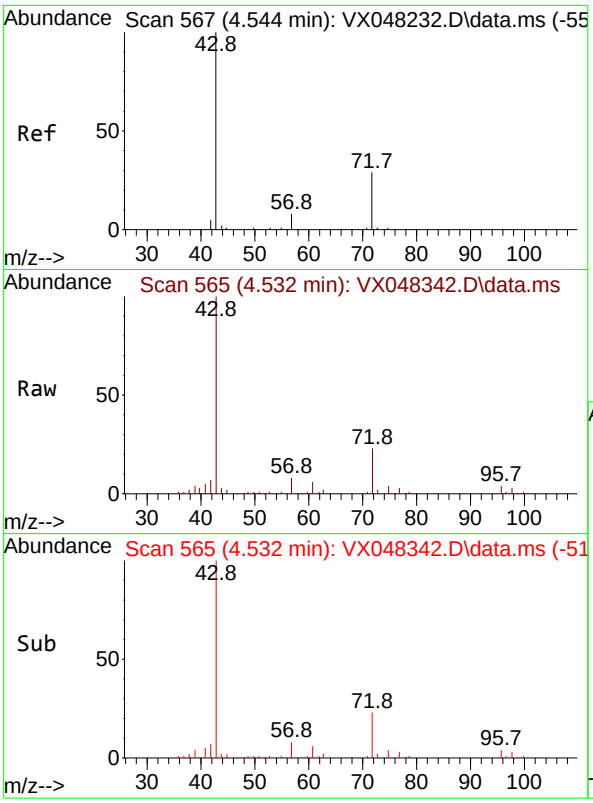




#24
1,1-Dichloroethane
Concen: 20.853 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 63 Resp: 60362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.3 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |



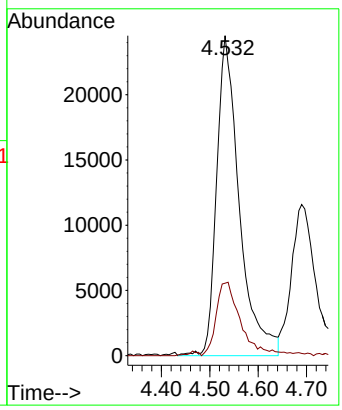


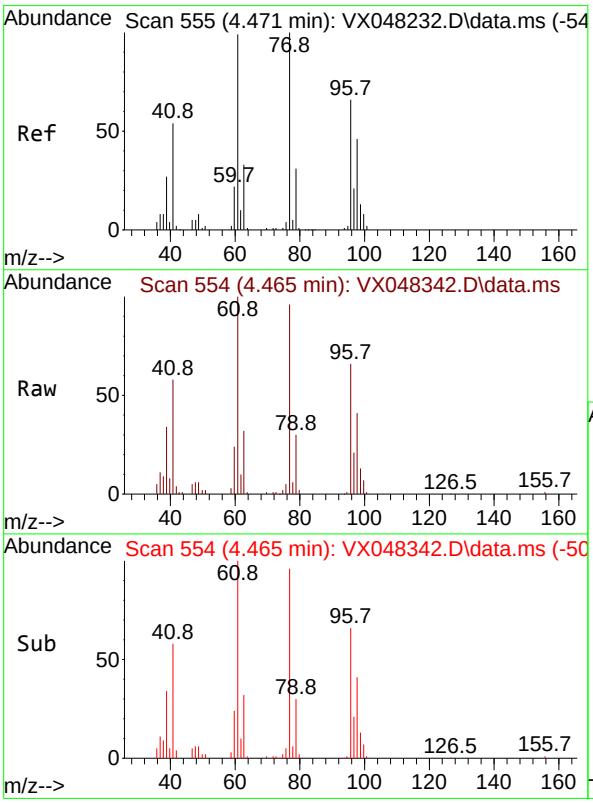

#25
2-Butanone
Concen: 95.179 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 43 Resp: 79792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.4 | 19.9 | 29.9 |

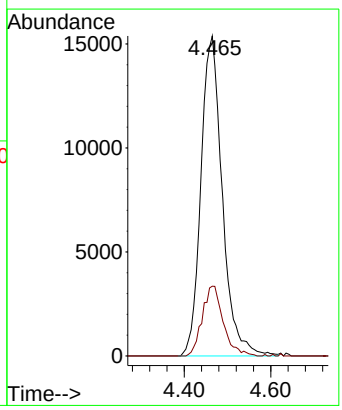


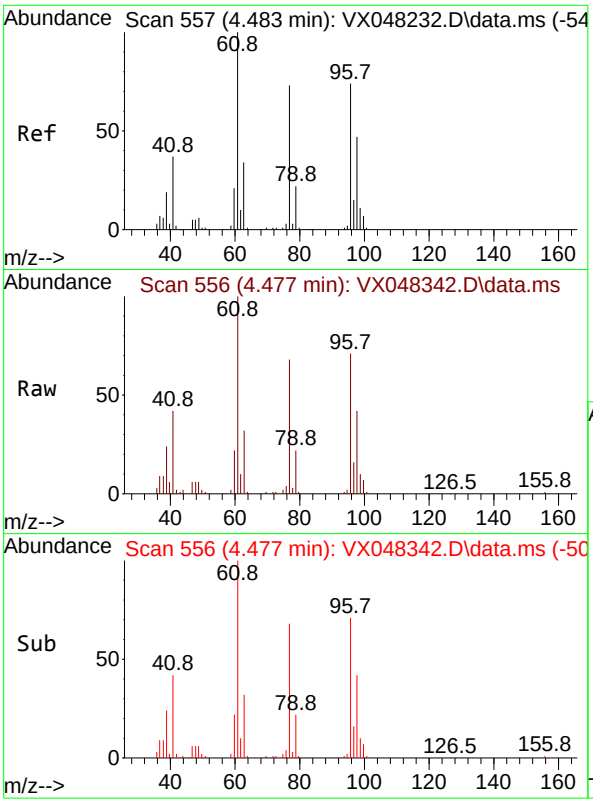




#26
2,2-Dichloropropane
Concen: 20.211 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 77 Resp: 52806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.4 | 11.1 | 33.3 |



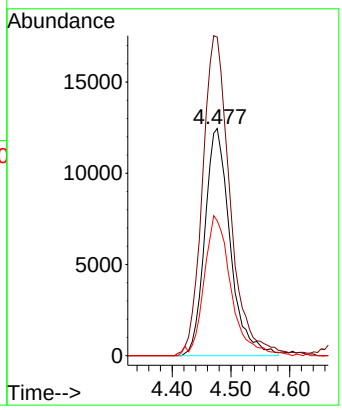


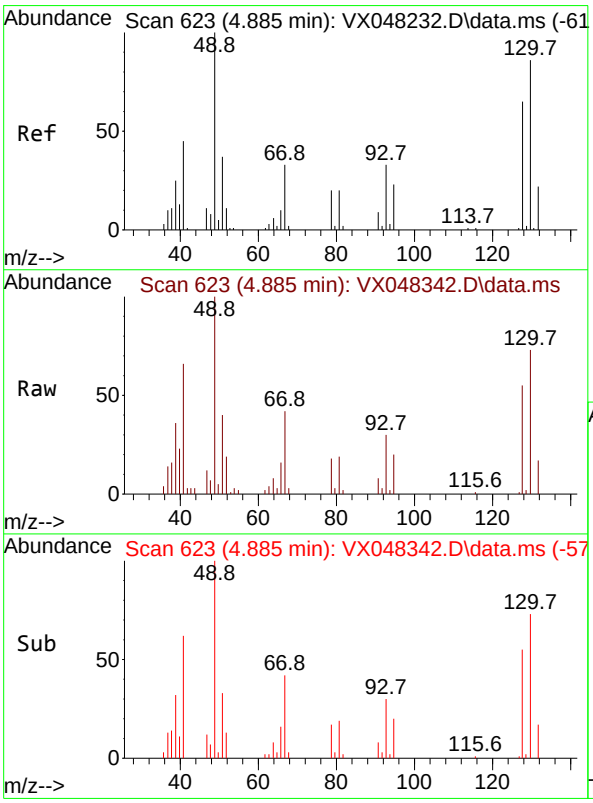

#27
cis-1,2-Dichloroethene
Concen: 20.128 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 96 Resp: 37304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 153.3 | 0.0 | 294.2 |
| 98 | 65.3 | 0.0 | 128.4 |

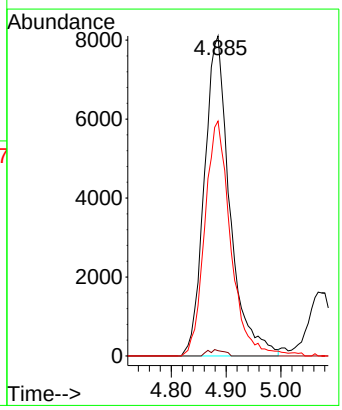


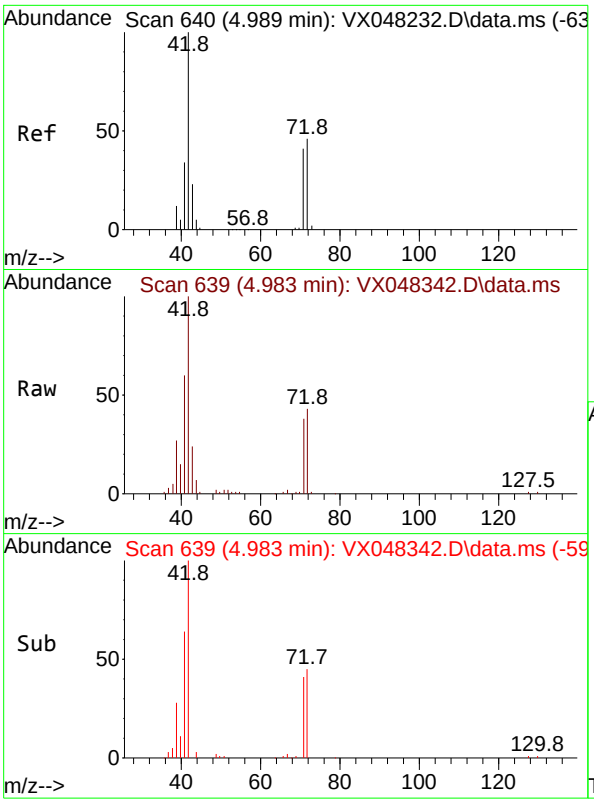




#28
Bromochloromethane
Concen: 21.783 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 49 Resp: 26145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.3 | 0.0 | 4.4 |
| 130 | 74.9 | 59.3 | 88.9 |



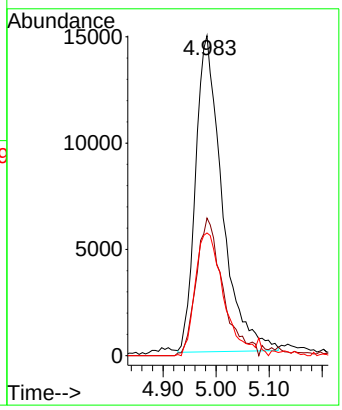


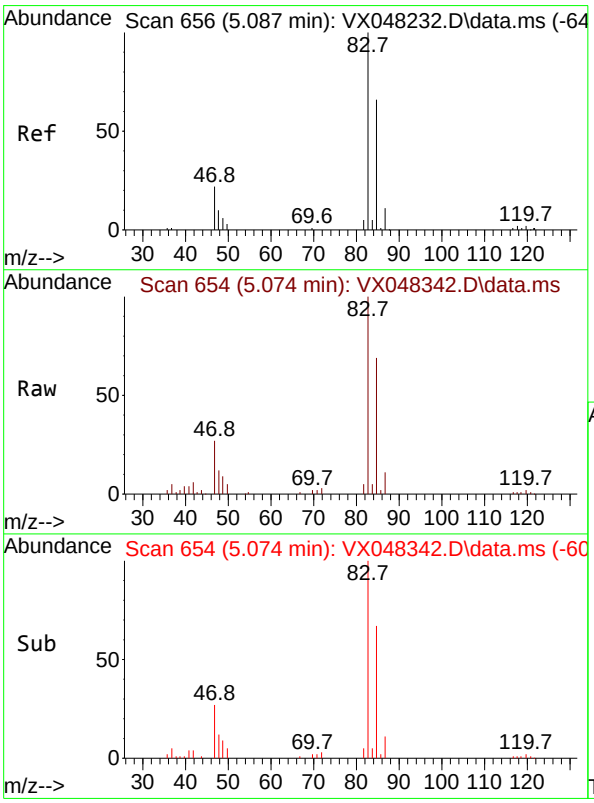

#29
Tetrahydrofuran
Concen: 103.102 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 42 Resp: 51766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 43.6 | 35.3 | 52.9 |
| 71 | 40.6 | 32.2 | 48.4 |

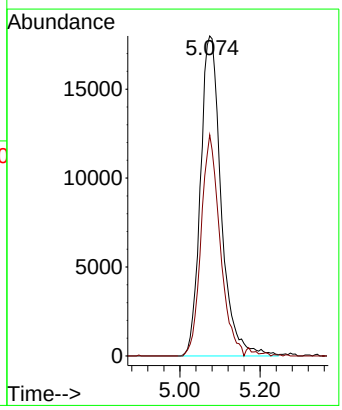


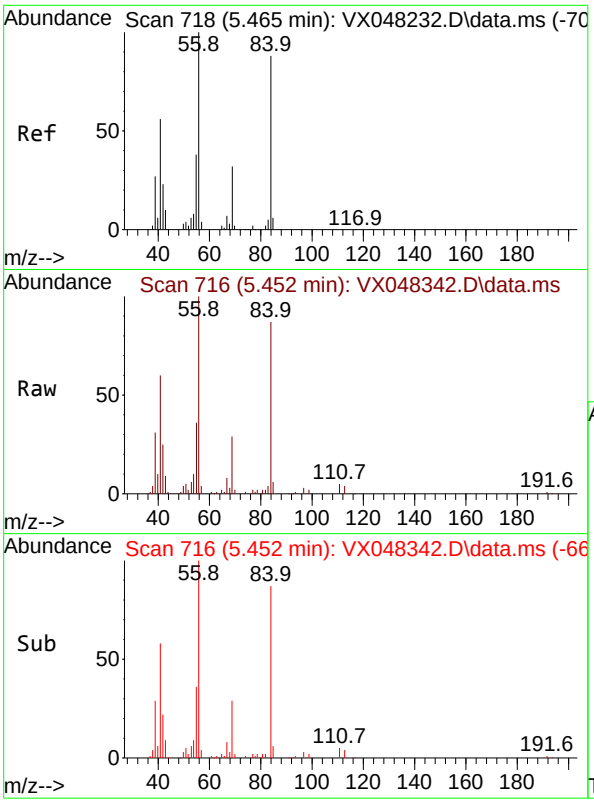




#30
Chloroform
Concen: 20.821 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 83 Resp: 64392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.1 | 50.1 | 75.1 |



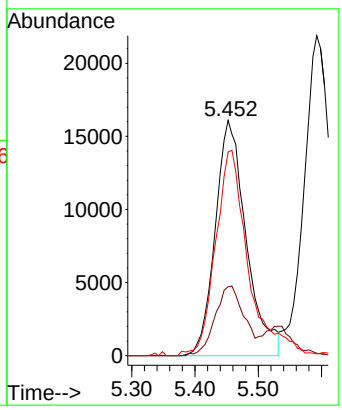


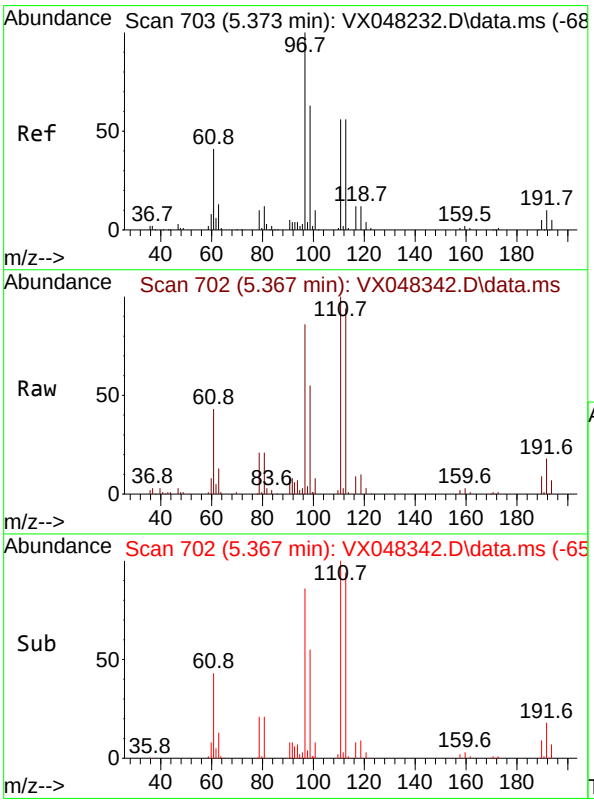

#31
Cyclohexane
Concen: 22.824 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 56 Resp: 54699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.0 | 23.0 | 34.6 |
| 84 | 86.6 | 64.6 | 97.0 |

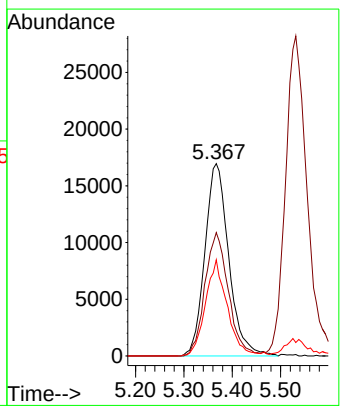


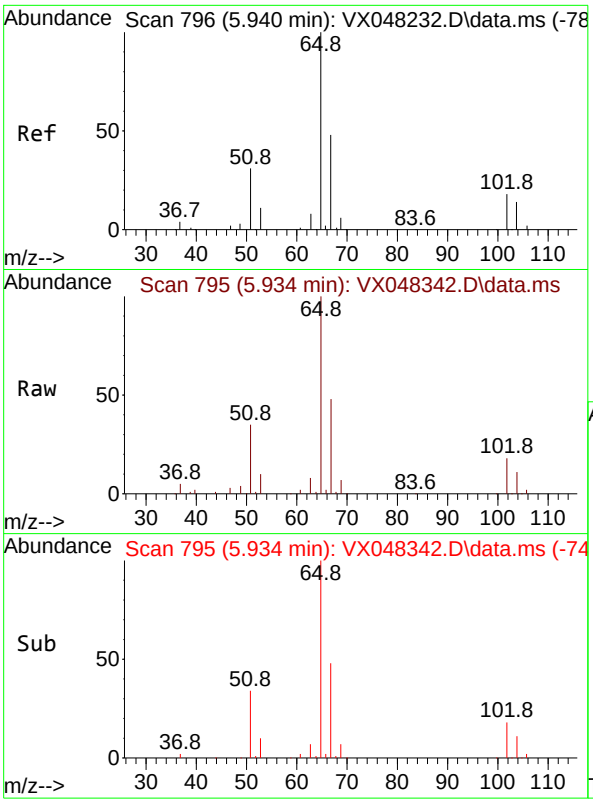




#32
1,1,1-Trichloroethane
Concen: 20.420 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 97 Resp: 58203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 62.8 | 51.7 | 77.5 |
| 61 | 45.4 | 34.8 | 52.2 |



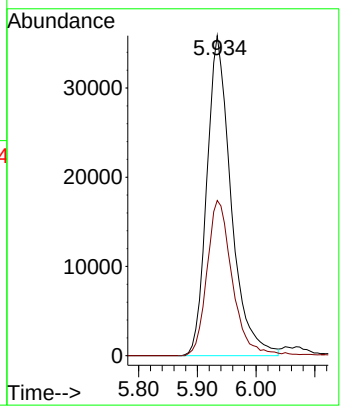


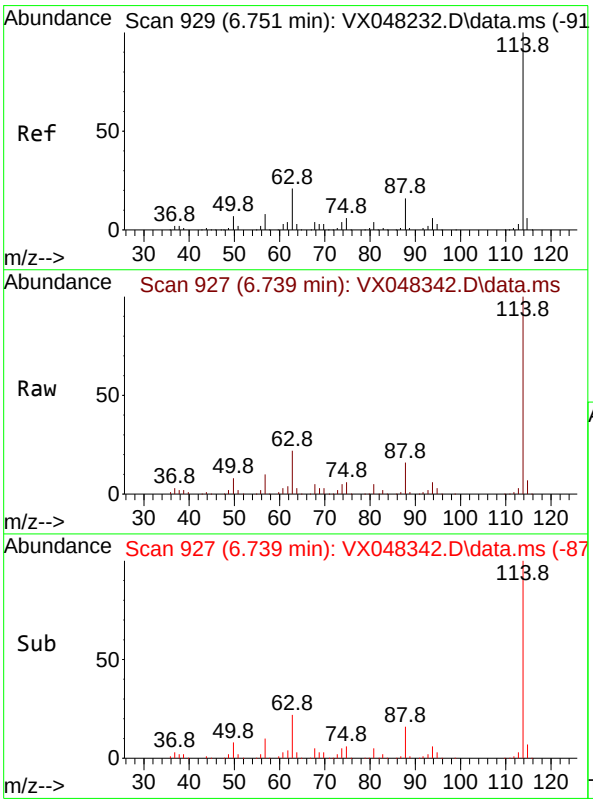

#33
1,2-Dichloroethane-d4
Concen: 53.127 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 65 Resp: 102570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.4 | 0.0 | 105.0 |

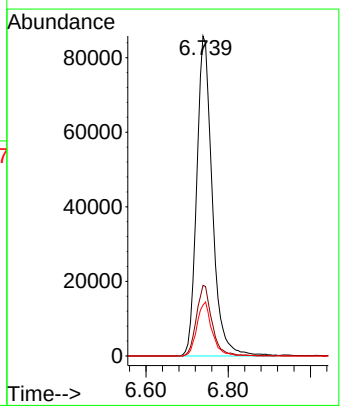


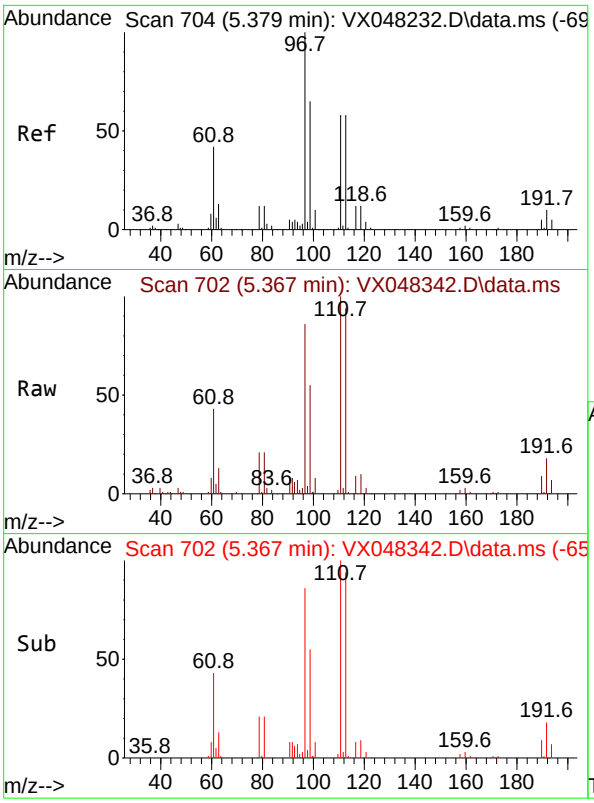




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:114 Resp: 225696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.1 | 0.0 | 43.2 |
| 88 | 15.9 | 0.0 | 33.6 |



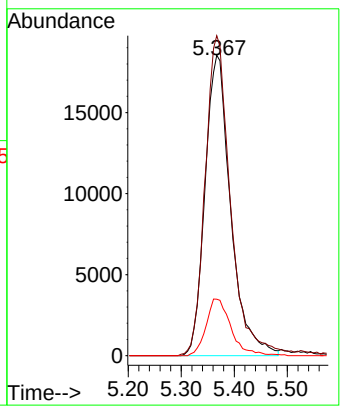


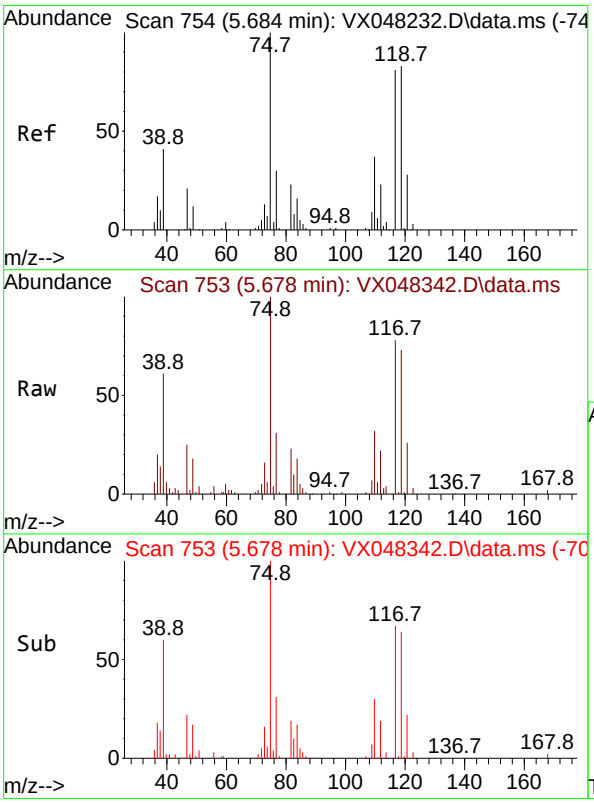

#35
Dibromofluoromethane
Concen: 40.386 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:113 Resp: 62228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 105.3 | 82.2 | 123.4 |
| 192 | 18.4 | 15.1 | 22.7 |

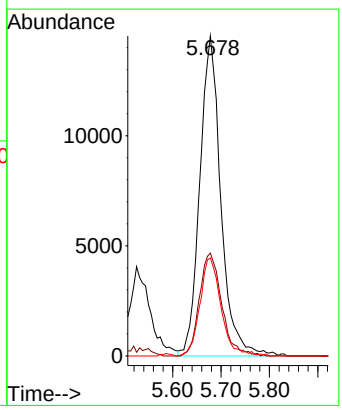


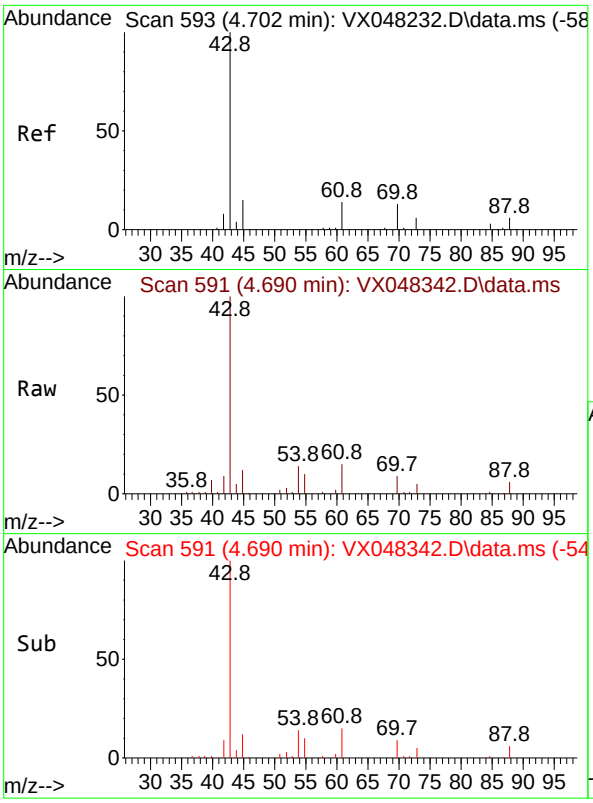




#36
1,1-Dichloropropene
Concen: 20.099 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 75 Resp: 44017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.9 | 17.7 | 53.1 |
| 77 | 30.6 | 24.3 | 36.5 |



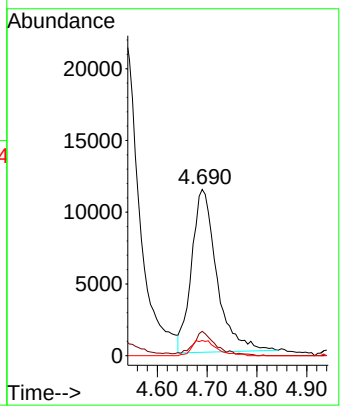


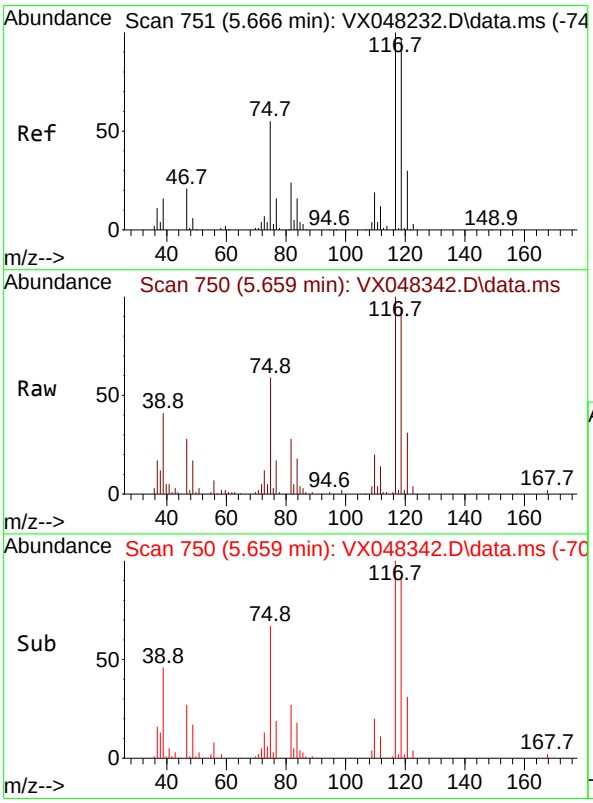

#37
Ethyl Acetate
Concen: 21.905 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 43 Resp: 39763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.5 | 10.6 | 15.8 |
| 70 | 9.2 | 7.8 | 11.6 |

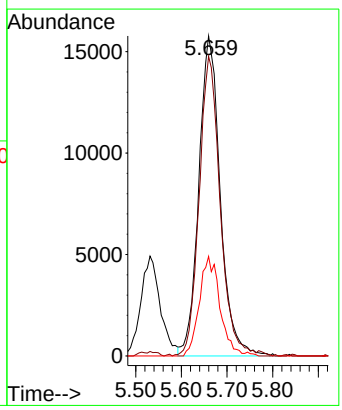


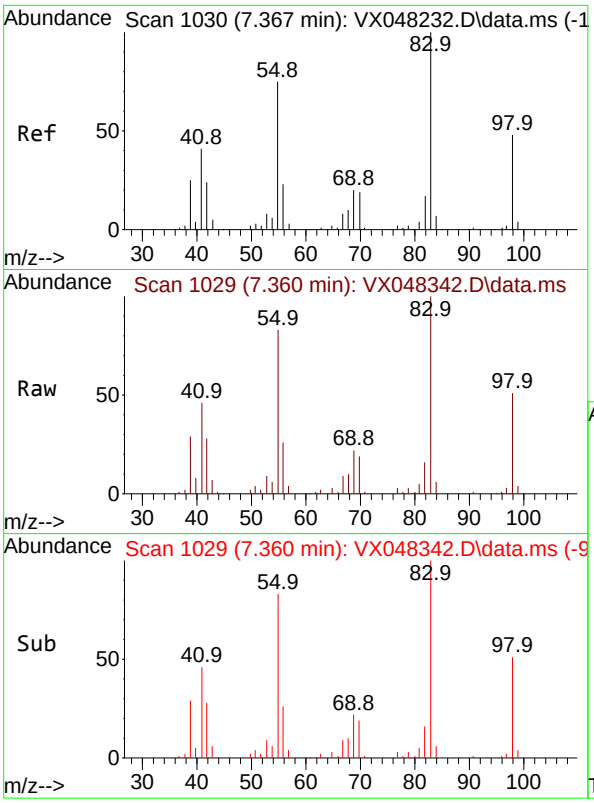




#38
Carbon Tetrachloride
Concen: 19.010 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:117 Resp: 51364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.6 | 77.2 | 115.8 |
| 121 | 31.1 | 24.8 | 37.2 |



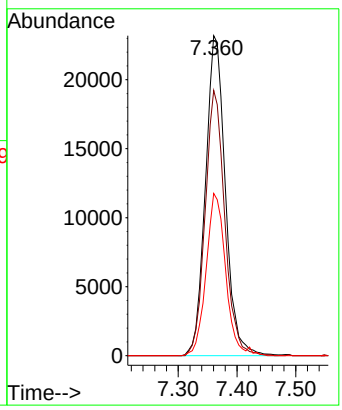


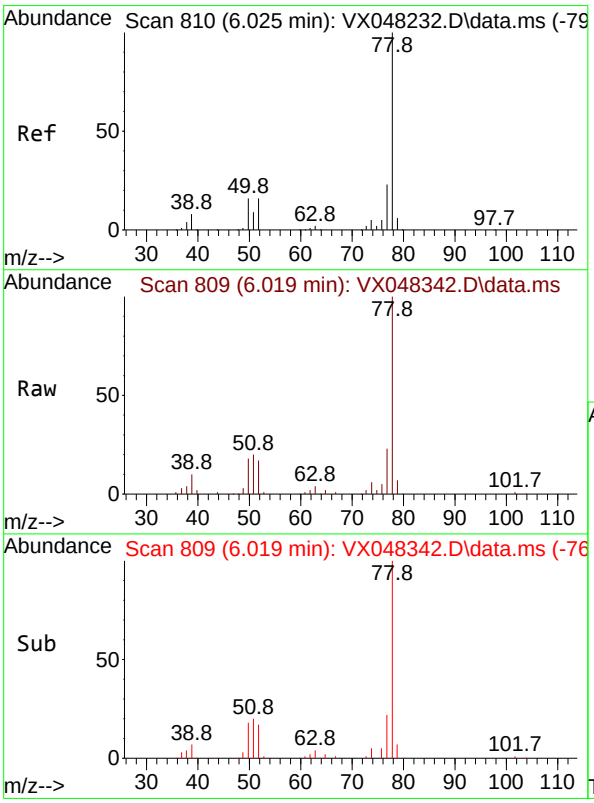

#39
Methylcyclohexane
Concen: 21.126 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 83 Resp: 54639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 82.9 | 66.2 | 99.2 |
| 98 | 50.7 | 38.9 | 58.3 |

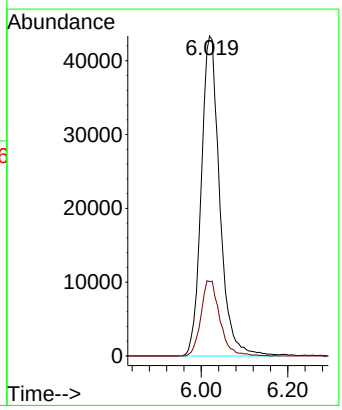


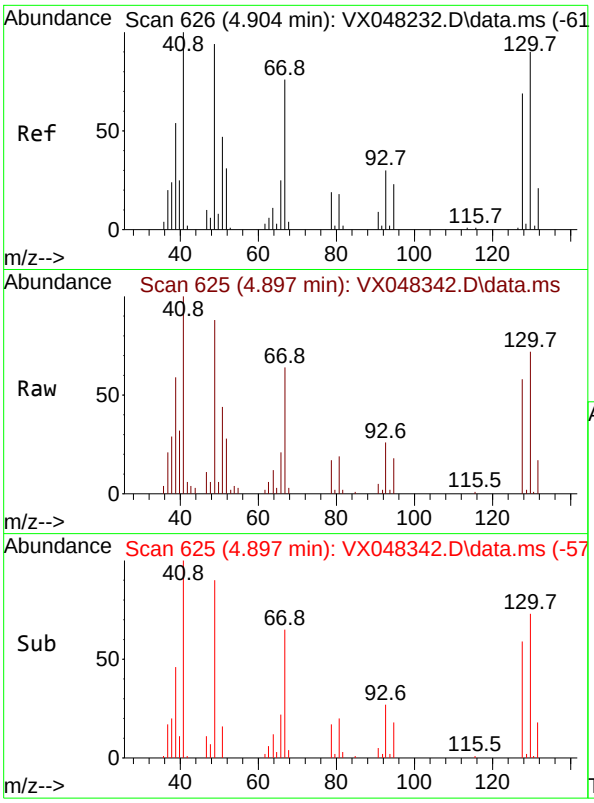




#40
Benzene
Concen: 20.148 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 78 Resp: 128108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.3 | 19.3 | 28.9 |



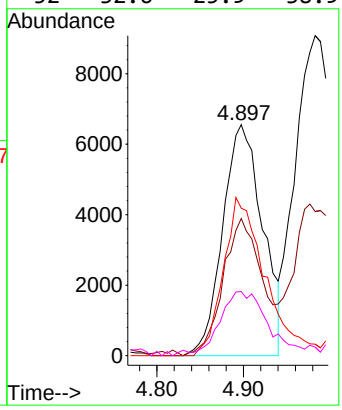


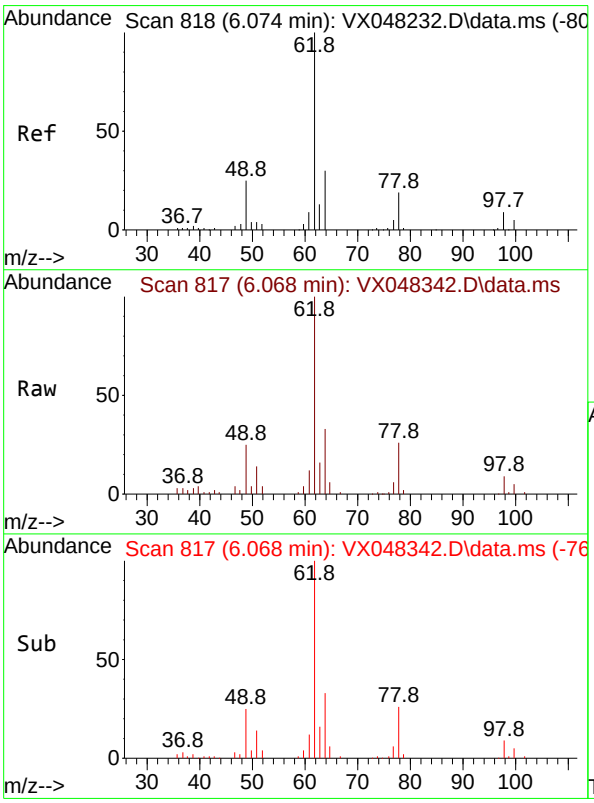

#41
Methacrylonitrile
Concen: 22.057 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 41 Resp: 21026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.1 | 44.0 | 66.0 |
| 67 | 71.7 | 58.7 | 88.1 |
| 52 | 32.6 | 25.9 | 38.9 |

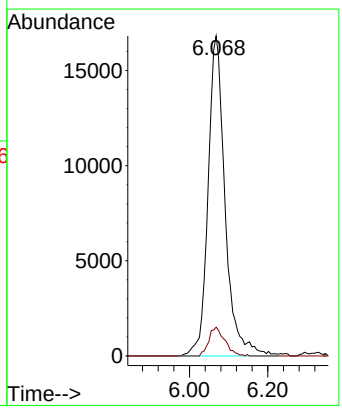


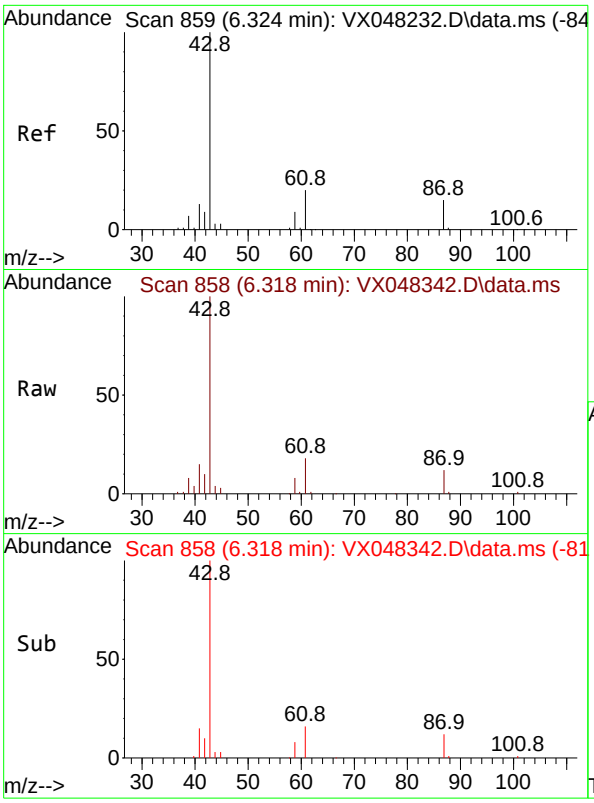




#42
1,2-Dichloroethane
Concen: 21.642 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 62 Resp: 50777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.5 | 0.0 | 17.2 |



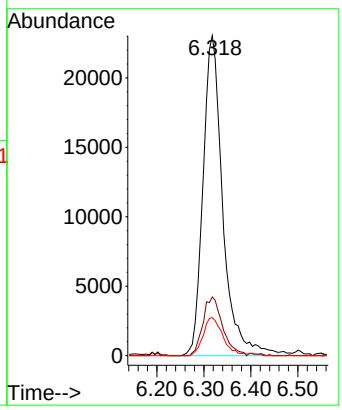


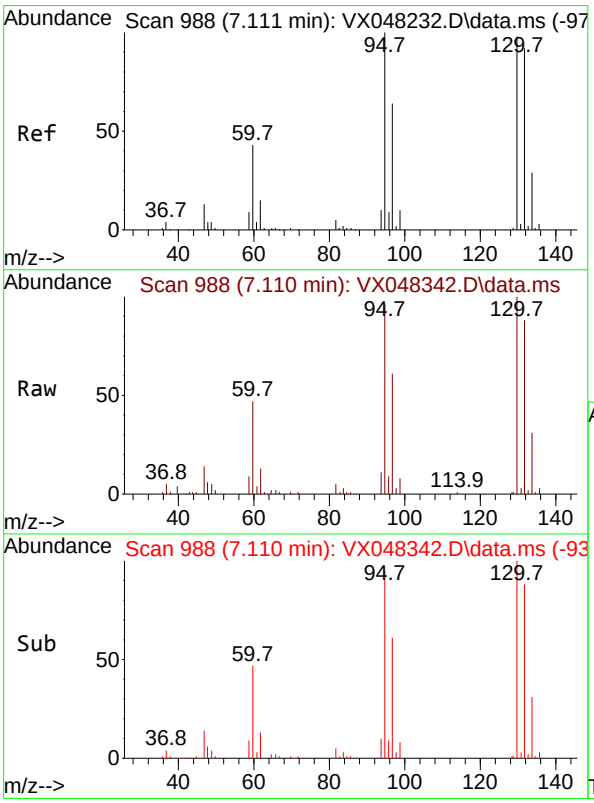

#43
Isopropyl Acetate
Concen: 22.554 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 43 Resp: 67251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.2 | 14.9 | 22.3 |
| 87 | 11.8 | 9.4 | 14.2 |

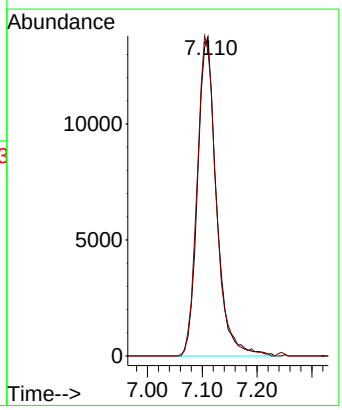


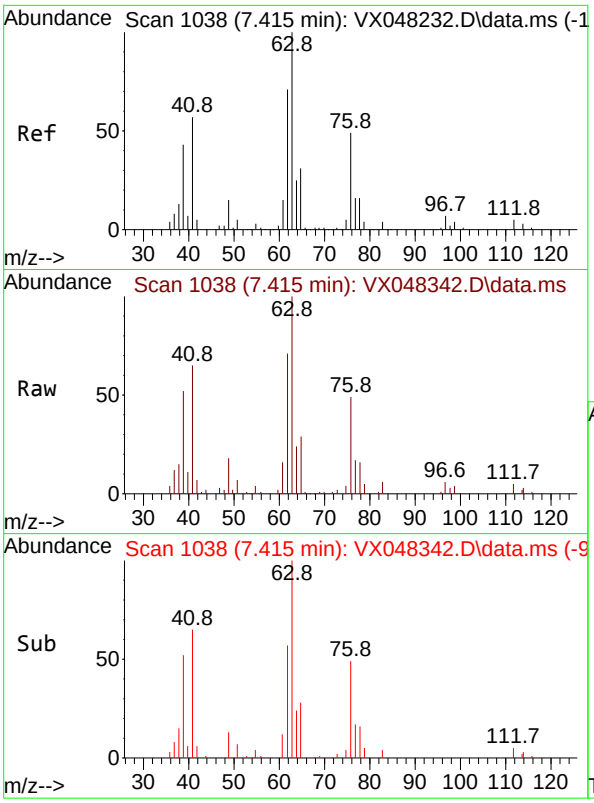




#44
Trichloroethene
Concen: 19.616 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:130 Resp: 32933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.8 | 0.0 | 200.6 |



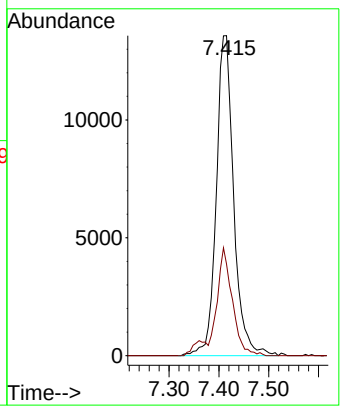


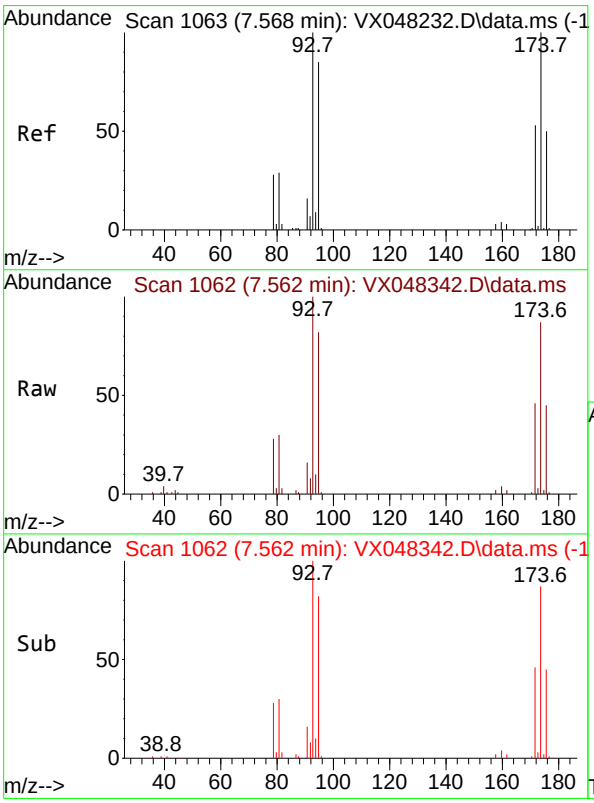

#45
1,2-Dichloropropane
Concen: 21.779 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 63 Resp: 32923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 28.6 | 24.1 | 36.1 |

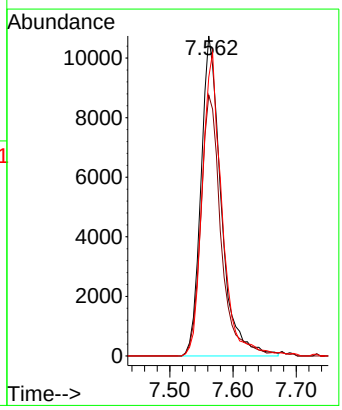


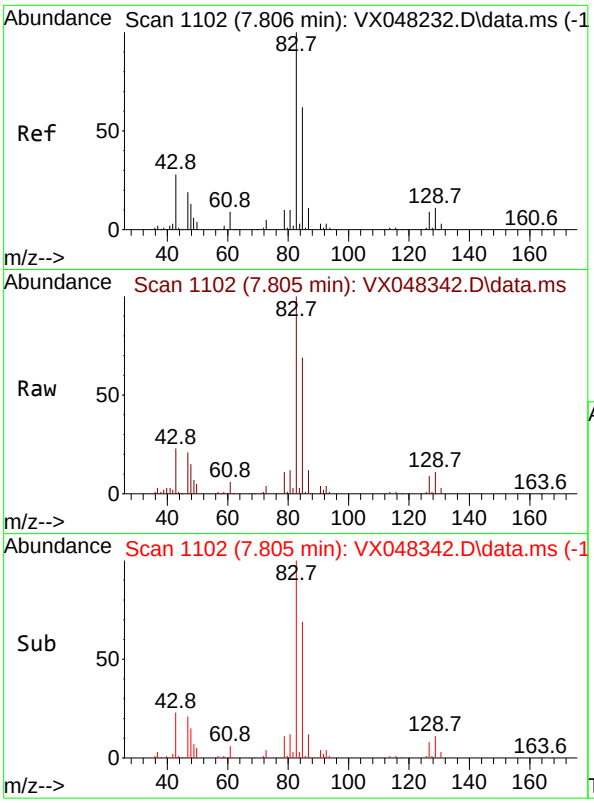




#46
Dibromomethane
Concen: 20.200 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 93 Resp: 23790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.3 | 65.9 | 98.9 |
| 174 | 92.9 | 71.7 | 107.5 |



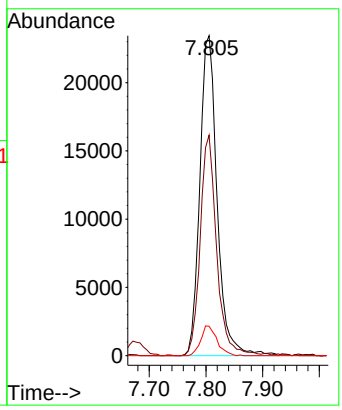


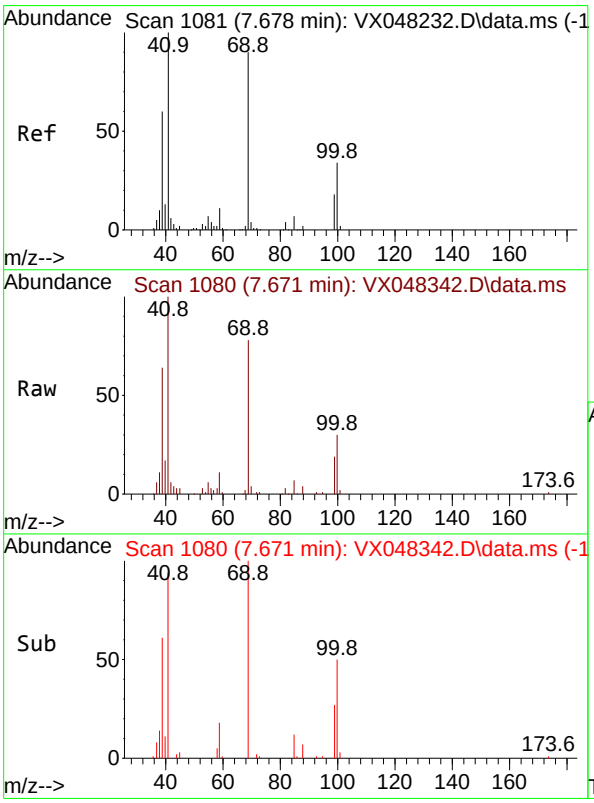

#47
Bromodichloromethane
Concen: 19.549 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 83 Resp: 49713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 68.9 | 52.2 | 78.4 |
| 127 | 9.2 | 7.3 | 10.9 |

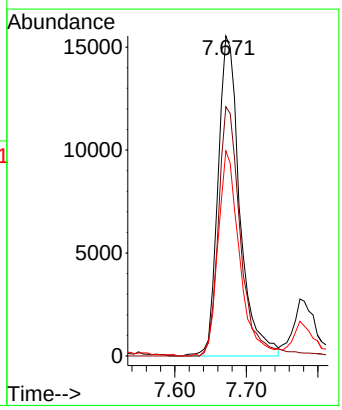


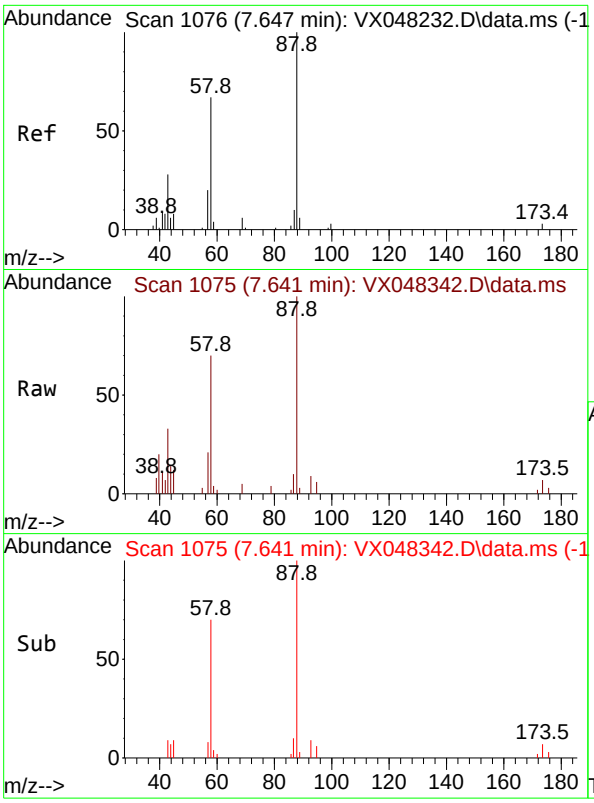




#48
Methyl methacrylate
Concen: 21.813 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 41 Resp: 32820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 80.1 | 63.4 | 95.0 |
| 39 | 63.6 | 47.1 | 70.7 |



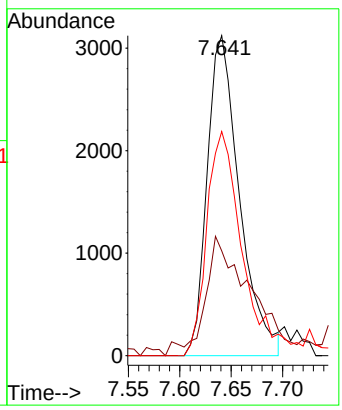


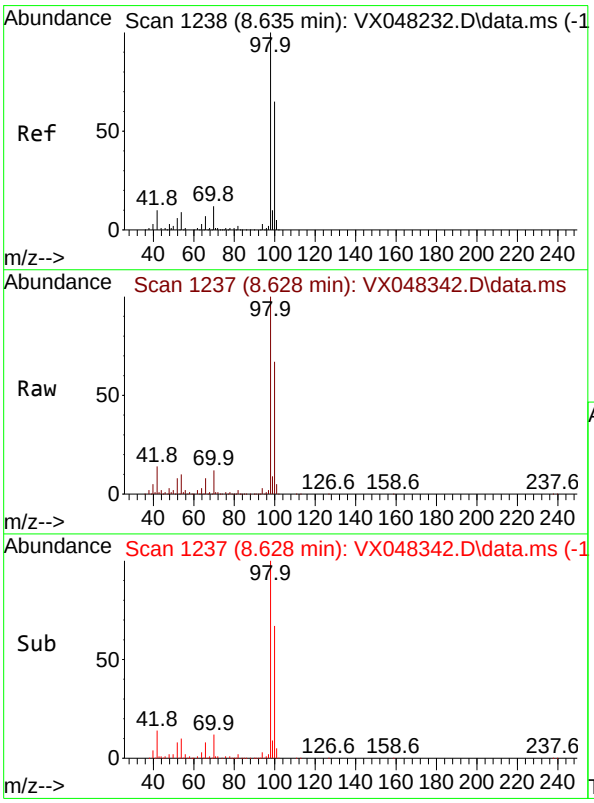

#49
1,4-Dioxane
Concen: 343.399 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 88 Resp: 6826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 52.6 | 35.0 | 52.4# |
| 58 | 76.2 | 61.9 | 92.9 |

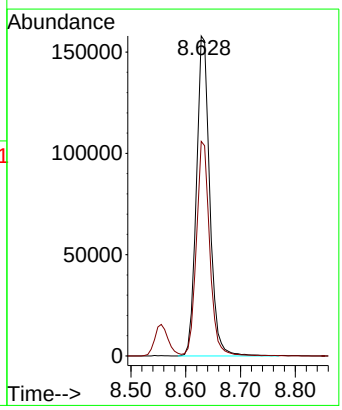


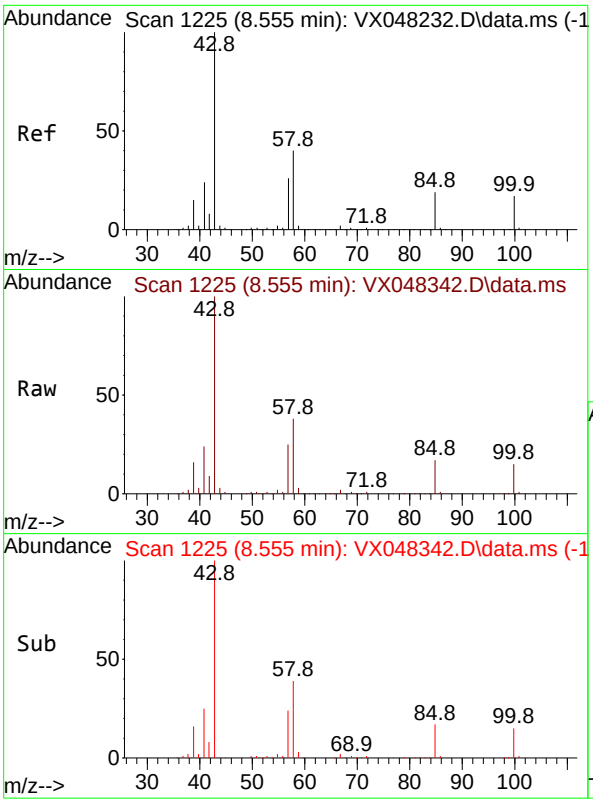




#50
Toluene-d8
Concen: 49.599 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 98 Resp: 267872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.5 | 53.0 | 79.4 |



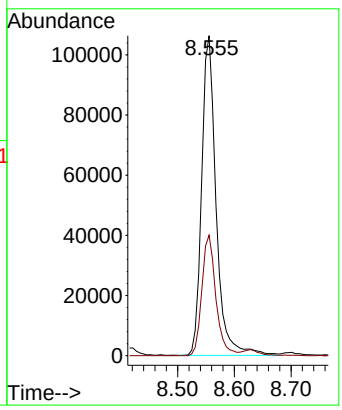


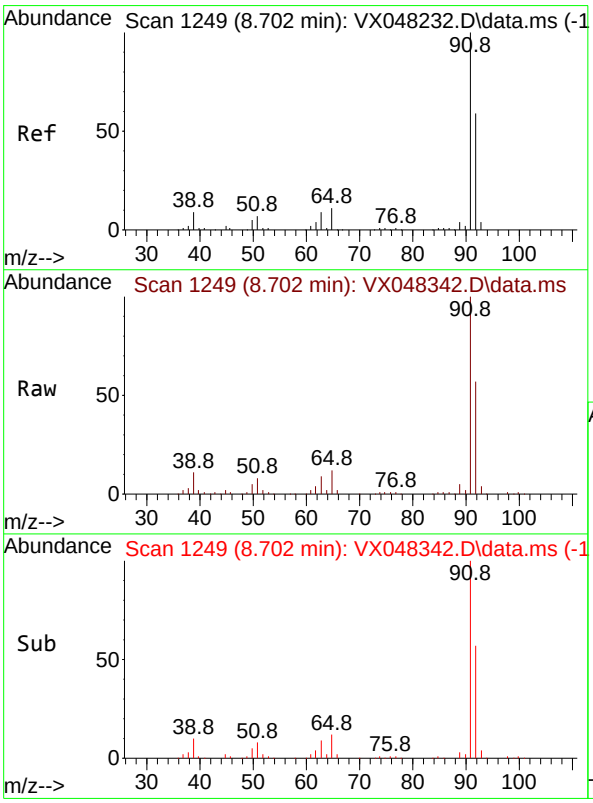

#51
4-Methyl-2-Pentanone
Concen: 109.755 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 43 Resp: 188686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.4 | 29.5 | 44.3 |

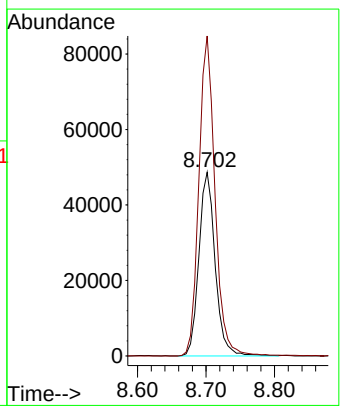


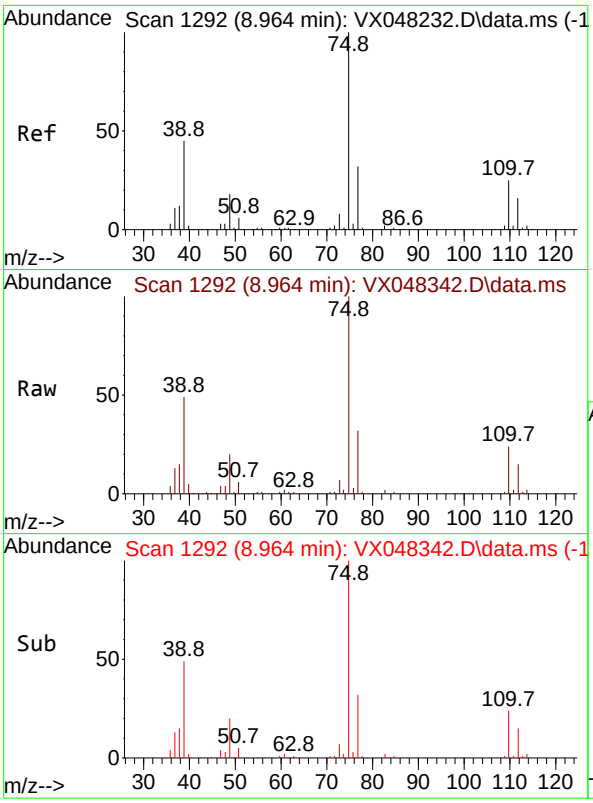




#52
Toluene
Concen: 19.939 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 92 Resp: 80539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.9 | 136.1 | 204.1 |



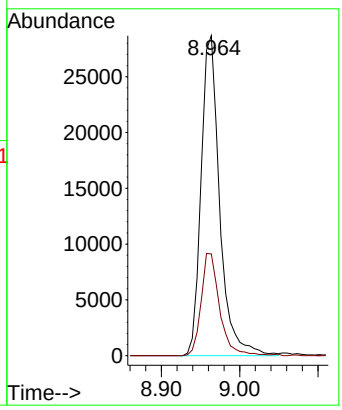


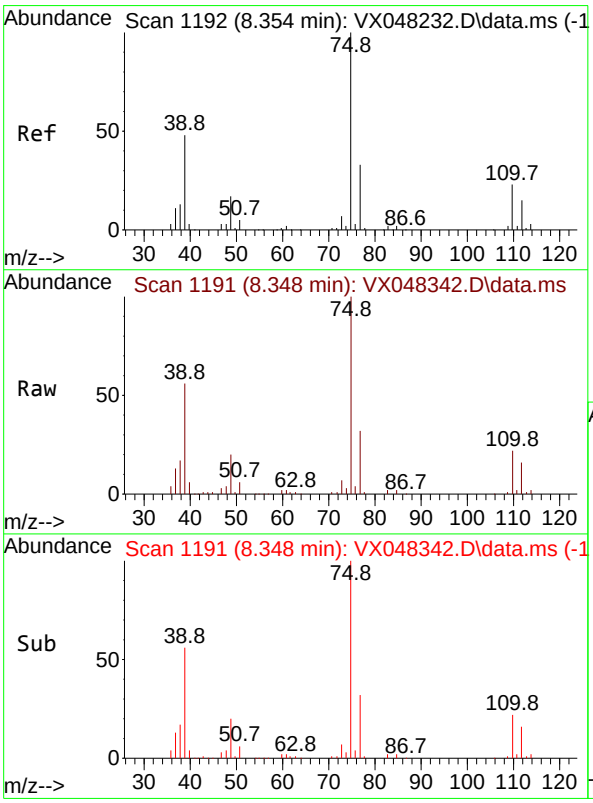

#53
t-1,3-Dichloropropene
Concen: 19.297 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 75 Resp: 47287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 25.0 | 37.6 |

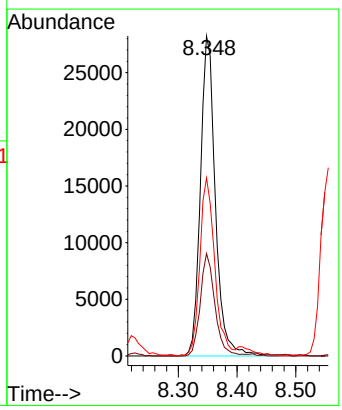


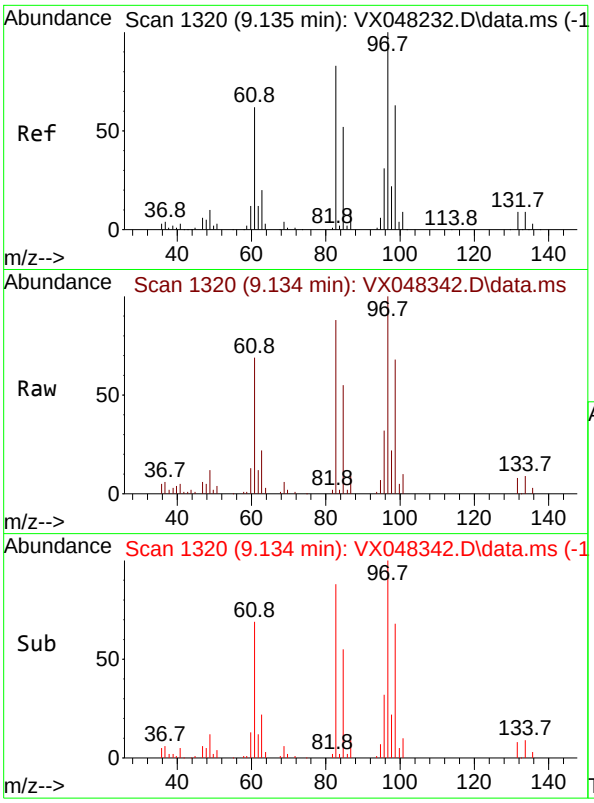




#54
cis-1,3-Dichloropropene
Concen: 18.957 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 75 Resp: 50121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 24.9 | 37.3 |
| 39 | 54.1 | 42.6 | 64.0 |



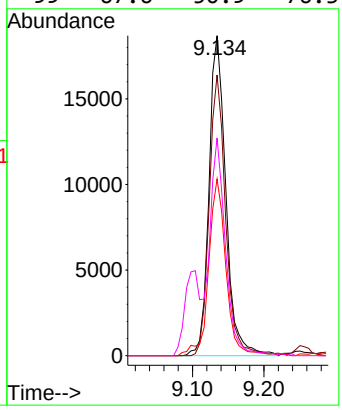


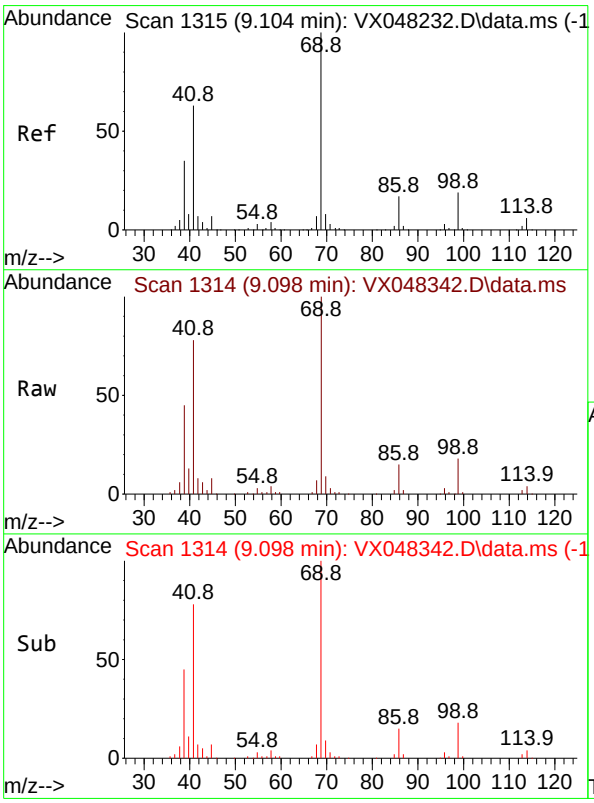

#55
1,1,2-Trichloroethane
Concen: 20.420 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 97 Resp: 30674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 87.7 | 70.6 | 105.8 |
| 85 | 55.2 | 45.0 | 67.6 |
| 99 | 67.6 | 50.9 | 76.3 |

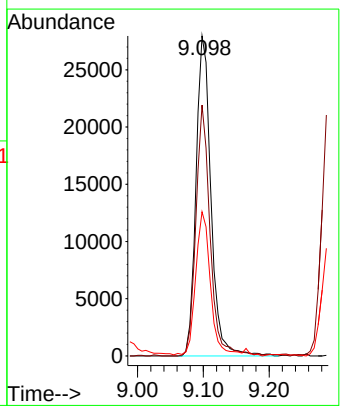


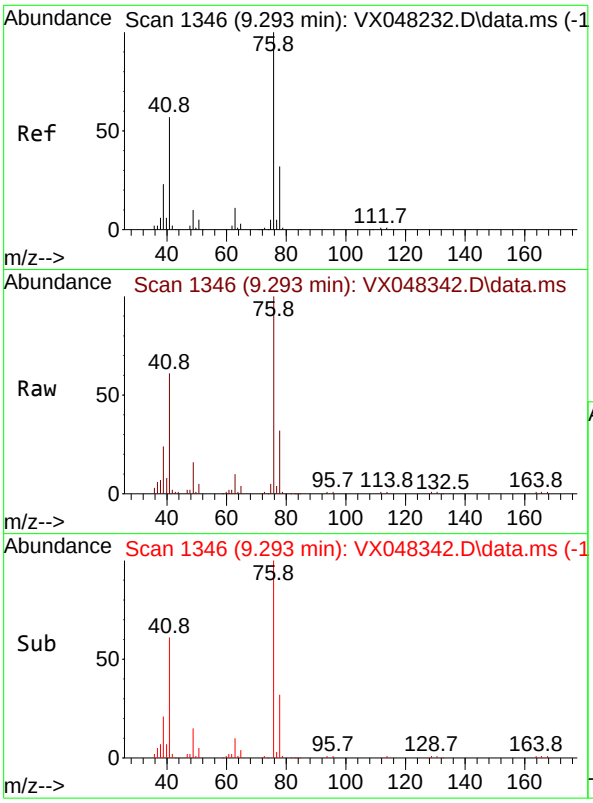




#56
Ethyl methacrylate
Concen: 20.102 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 69 Resp: 44167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 74.6 | 56.0 | 84.0 |
| 39 | 43.4 | 31.6 | 47.4 |



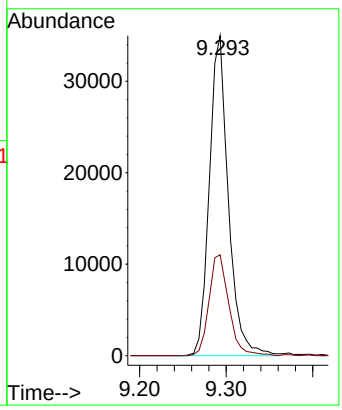


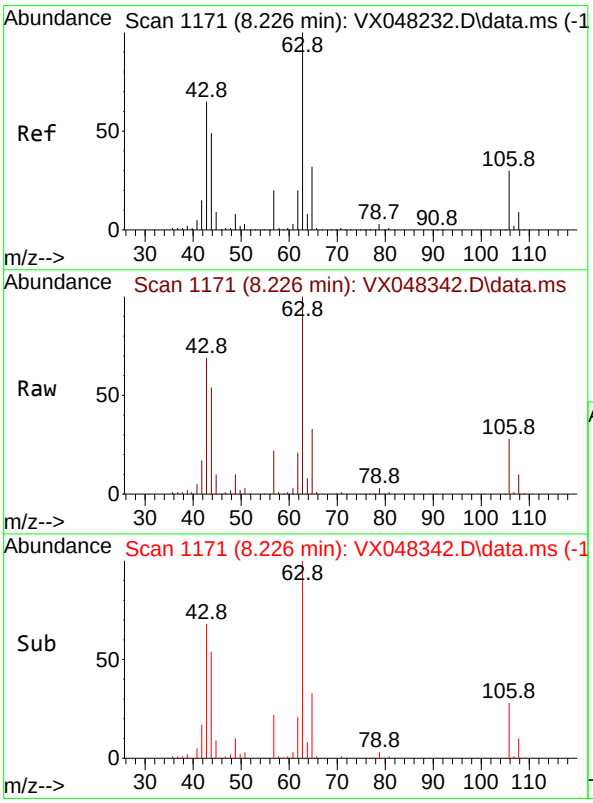

#57
1,3-Dichloropropane
Concen: 20.781 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 76 Resp: 53321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.9 | 25.4 | 38.0 |

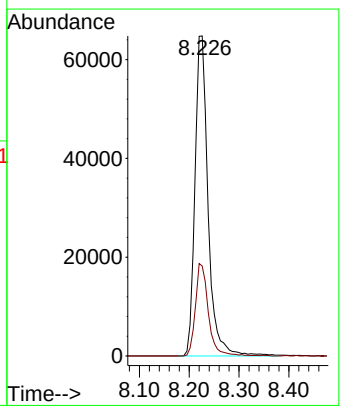


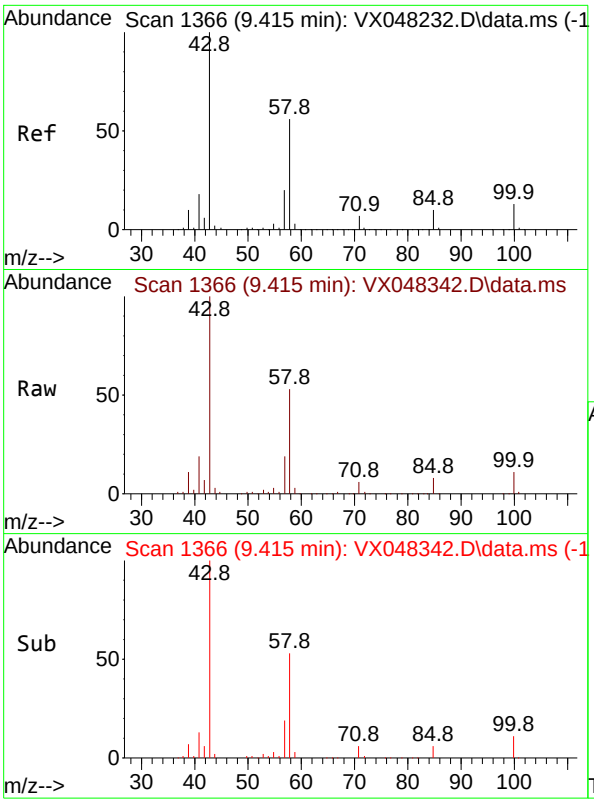




#58
2-Chloroethyl Vinyl ether
Concen: 101.339 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 63 Resp: 118521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.4 | 22.2 | 33.2 |



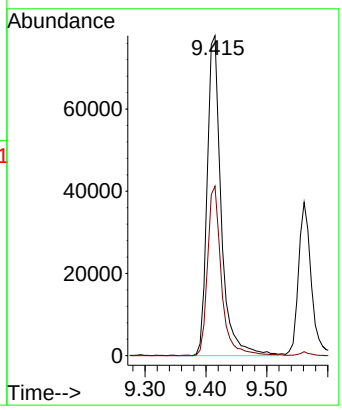


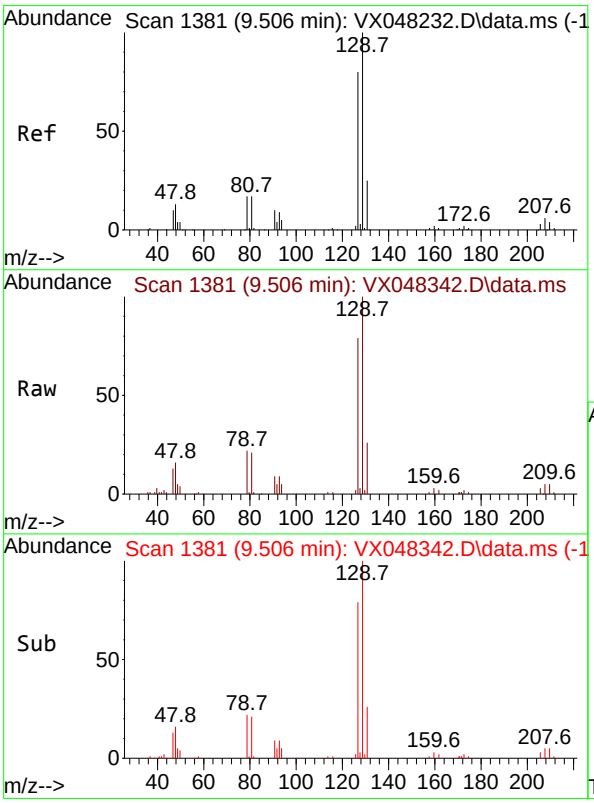

#59
2-Hexanone
Concen: 104.343 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 43 Resp: 125081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.4 | 26.3 | 78.8 |

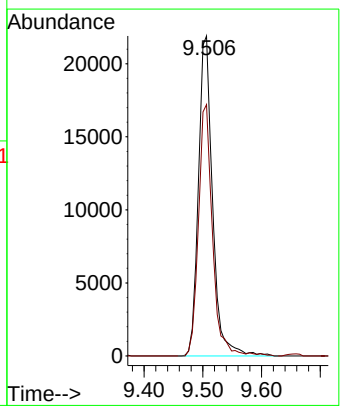


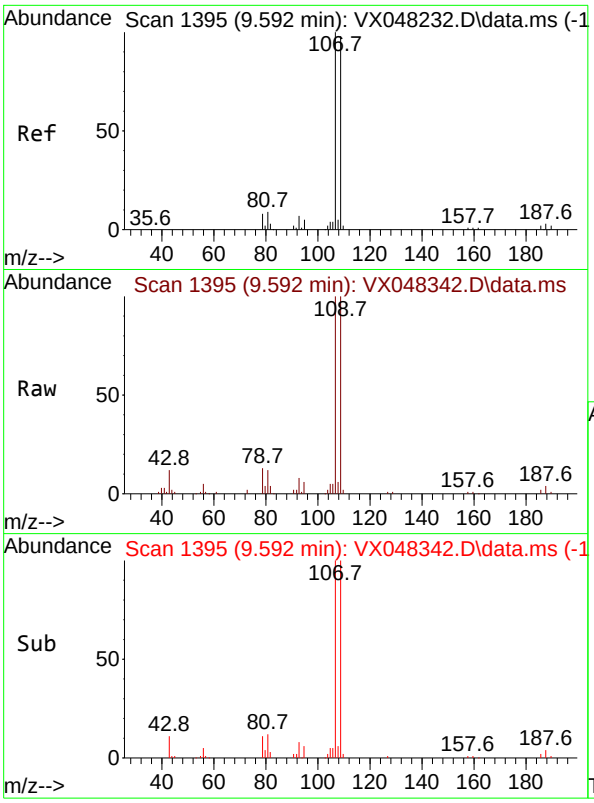




#60
Dibromochloromethane
Concen: 18.168 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:129 Resp: 36681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.3 | 38.6 | 115.7 |



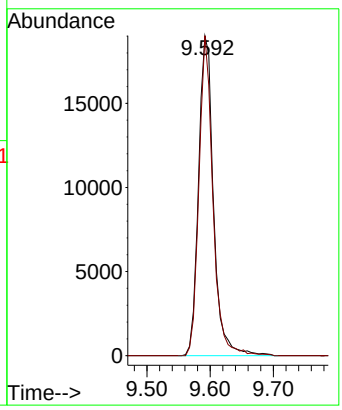


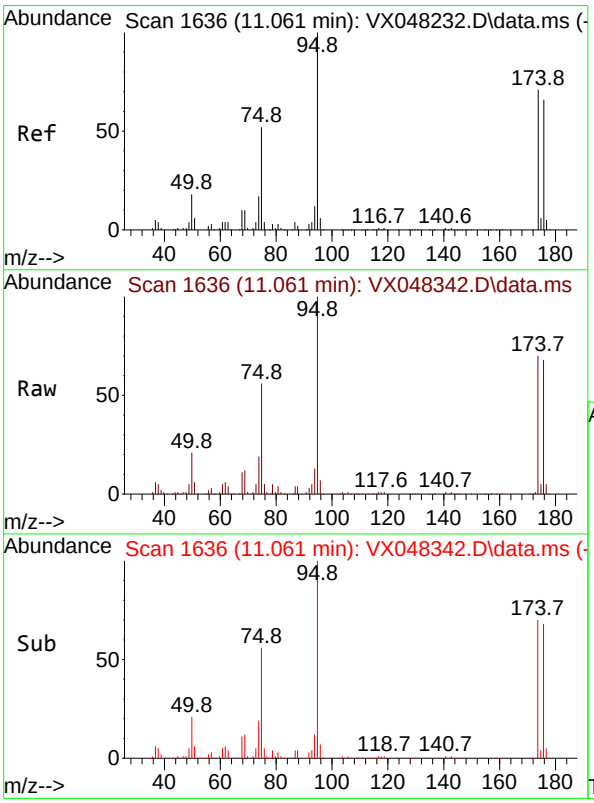

#61
1,2-Dibromoethane
Concen: 19.589 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:107 Resp: 31369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.4 | 77.0 | 115.4 |

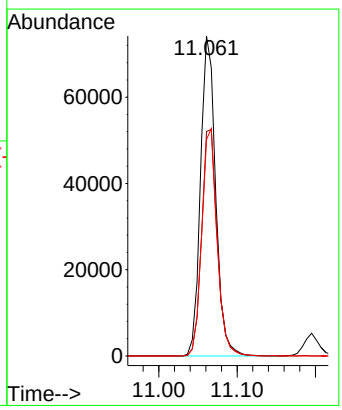


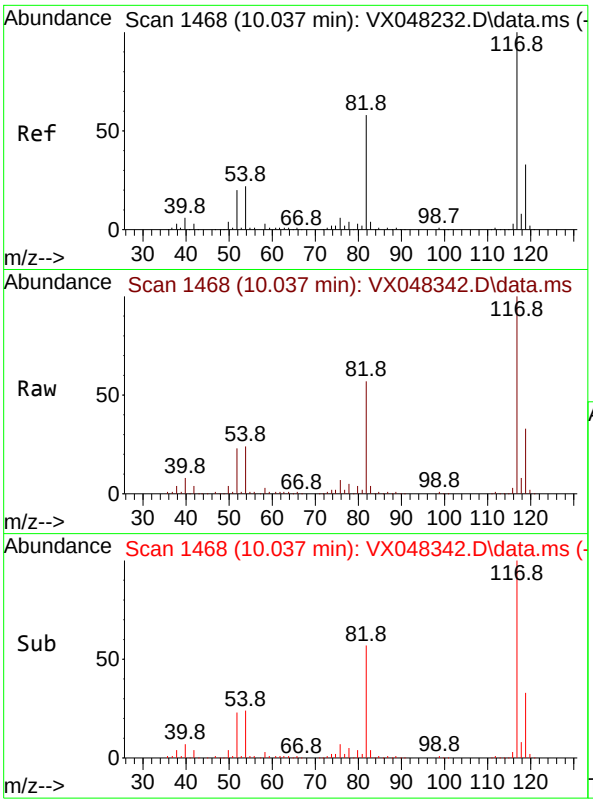




#62
4-Bromofluorobenzene
Concen: 48.373 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 95 Resp: 99386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.9 | 0.0 | 147.8 |
| 176 | 71.7 | 0.0 | 142.8 |



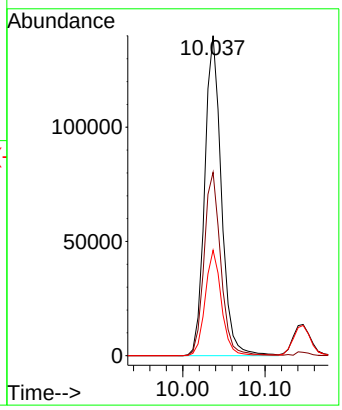


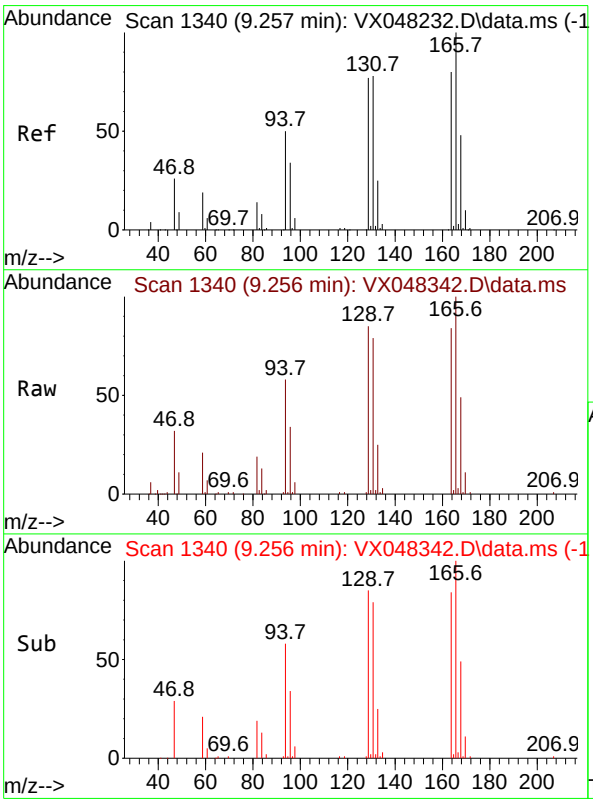

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:117 Resp: 197290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.3 | 46.5 | 69.7 |
| 119 | 33.0 | 25.9 | 38.9 |

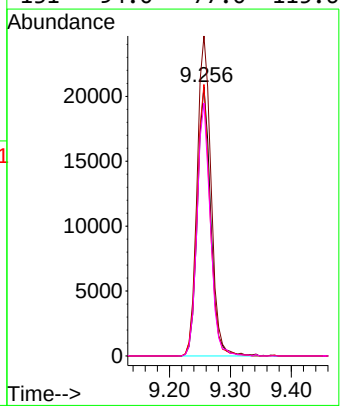


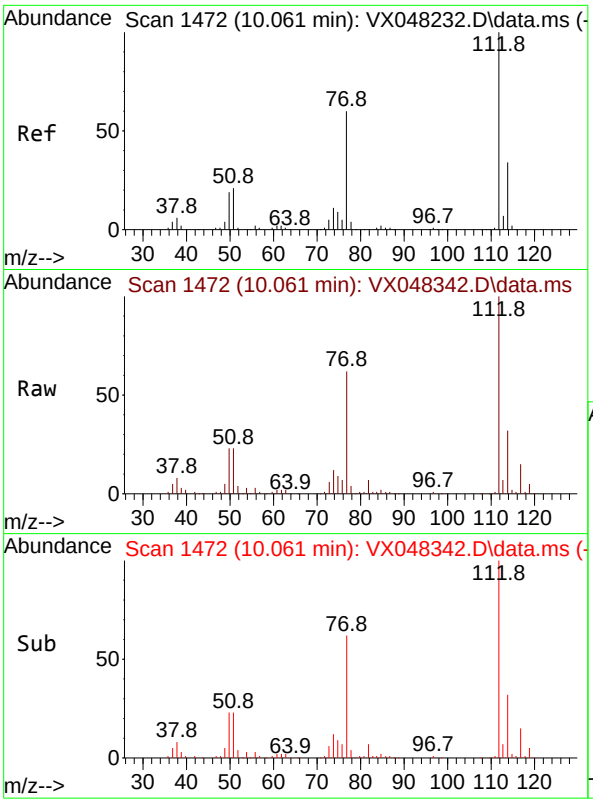




#64
Tetrachloroethene
Concen: 21.232 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:164 Resp: 31271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 118.9 | 104.5 | 156.7 |
| 129 | 100.9 | 81.8 | 122.6 |
| 131 | 94.0 | 77.0 | 115.6 |



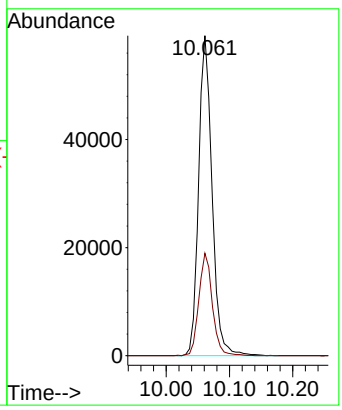


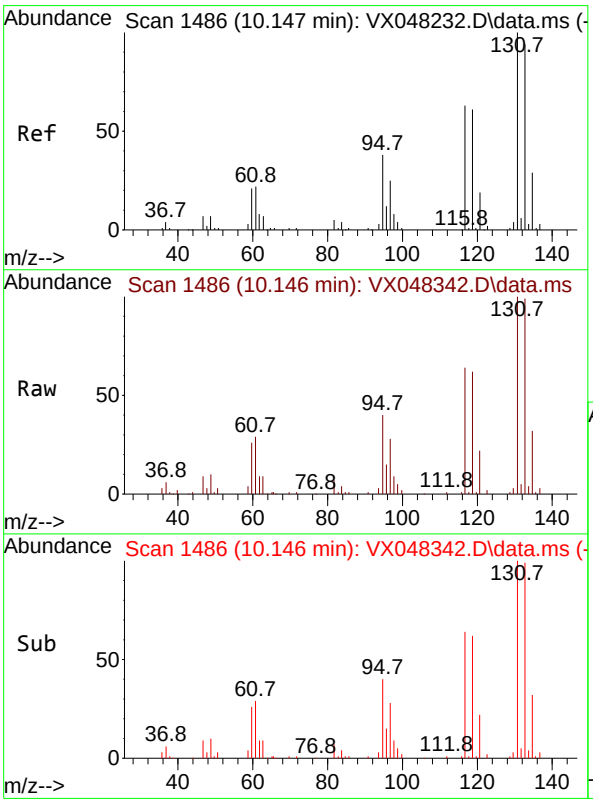

#65
Chlorobenzene
Concen: 19.726 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:112 Resp: 87547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.0 | 26.2 | 39.2 |

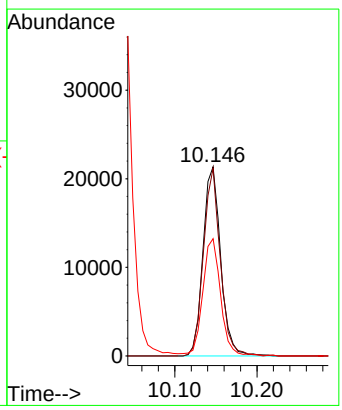


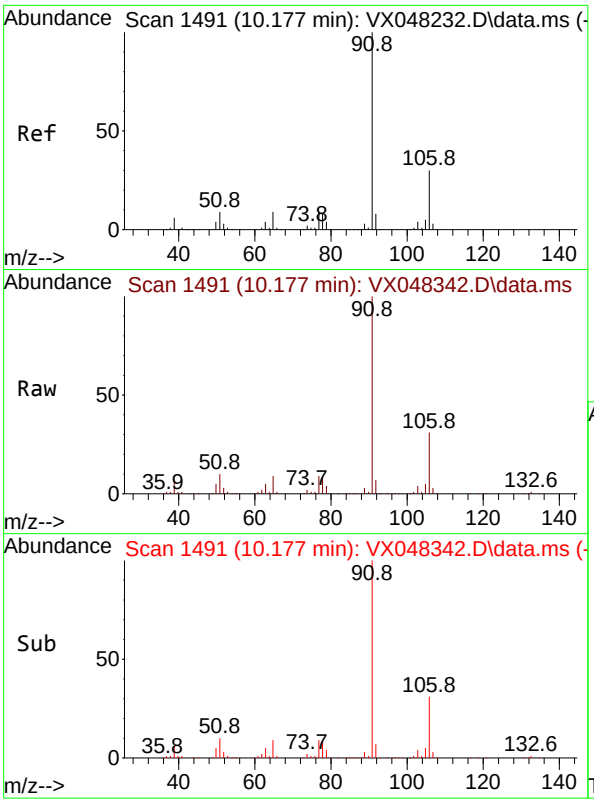




#66
1,1,1,2-Tetrachloroethane
Concen: 19.540 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:131 Resp: 31852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.3 | 47.6 | 142.8 |
| 119 | 62.8 | 32.5 | 97.5 |



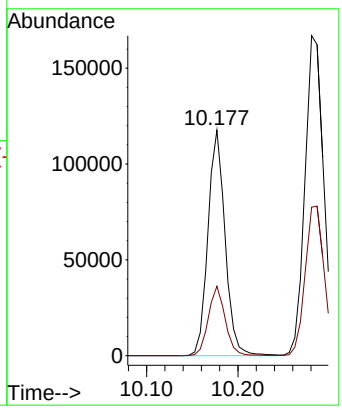


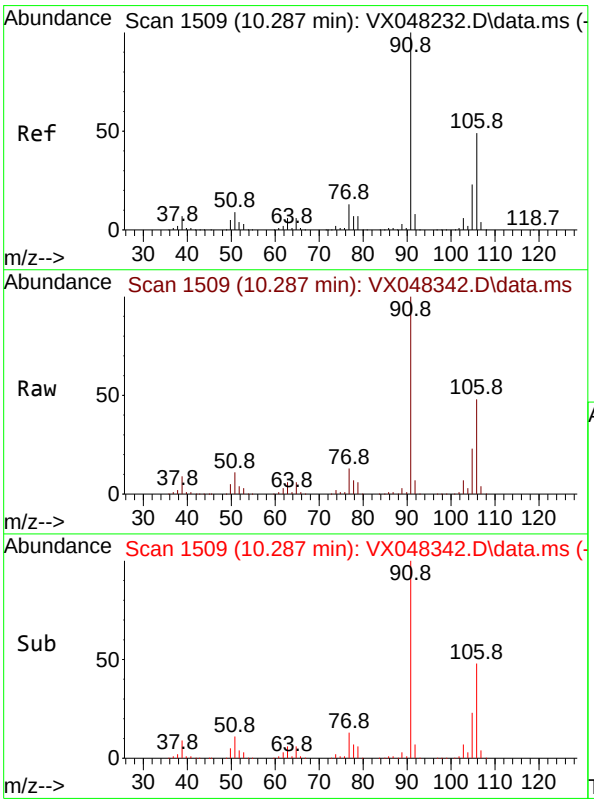

#67
Ethyl Benzene
Concen: 20.328 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 91 Resp: 153603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.8 | 23.8 | 35.6 |

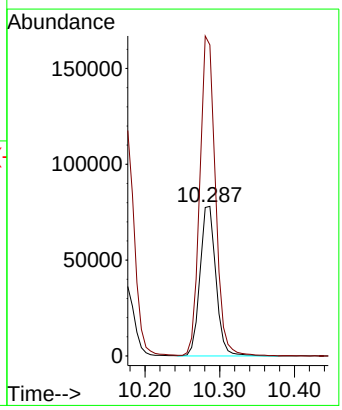


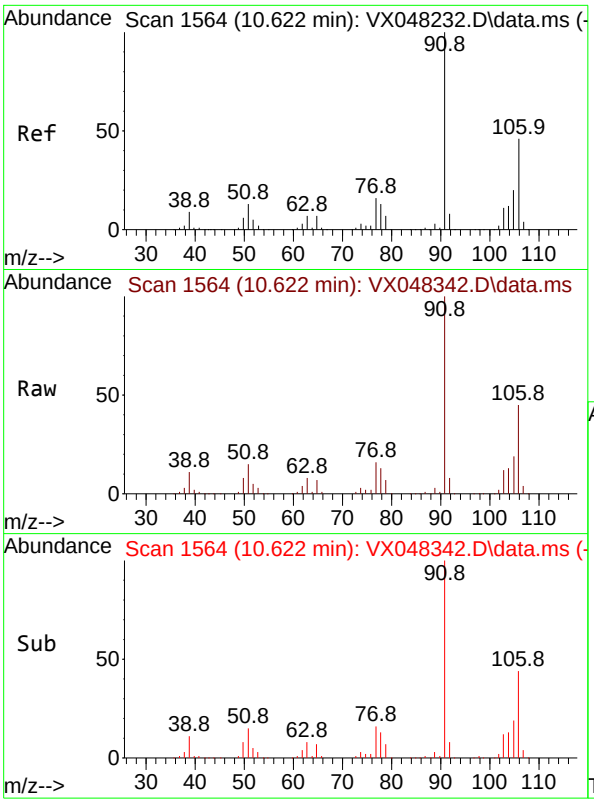




#68
m/p-Xylenes
Concen: 41.095 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:106 Resp: 115372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.9 | 167.9 | 251.9 |



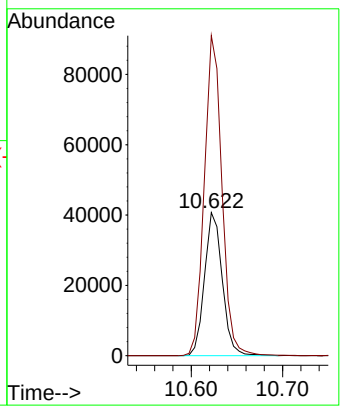


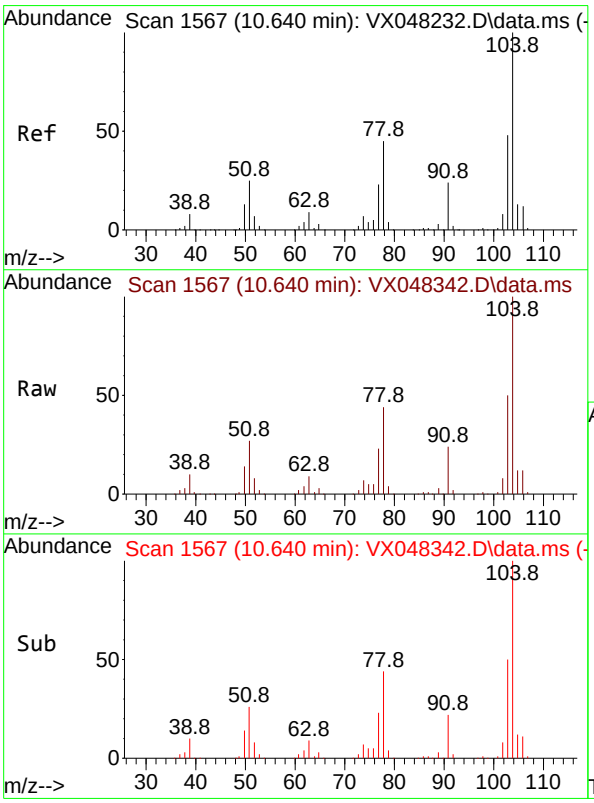

#69
o-Xylene
Concen: 20.258 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:106 Resp: 54907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 221.5 | 111.3 | 333.9 |

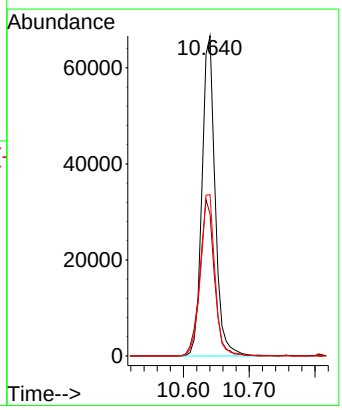


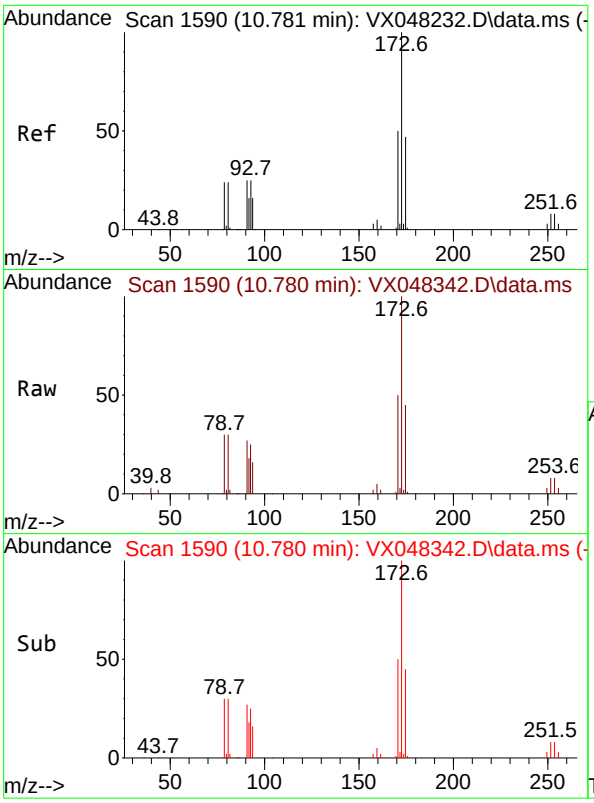




#70
Styrene
Concen: 20.106 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:104 Resp: 92792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.0 | 42.2 | 63.4 |
| 103 | 55.6 | 43.0 | 64.4 |



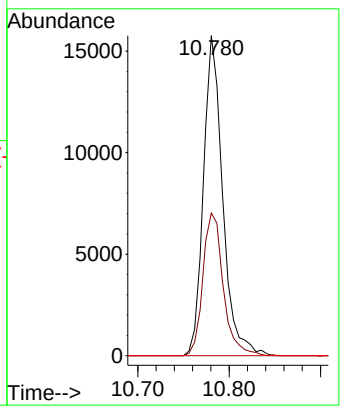


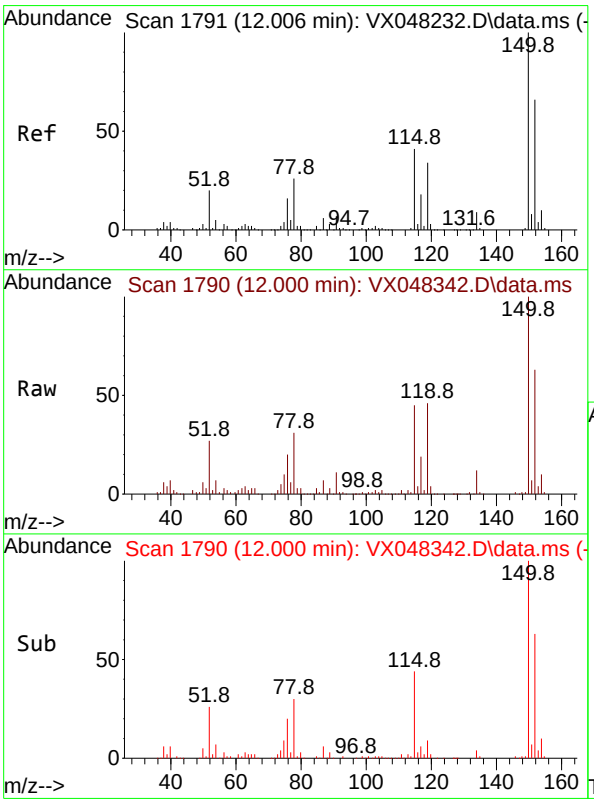

#71
Bromoform
Concen: 17.637 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:173 Resp: 22978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.2 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

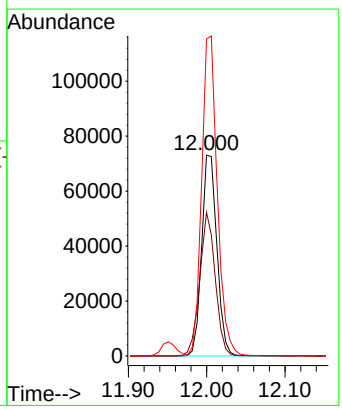


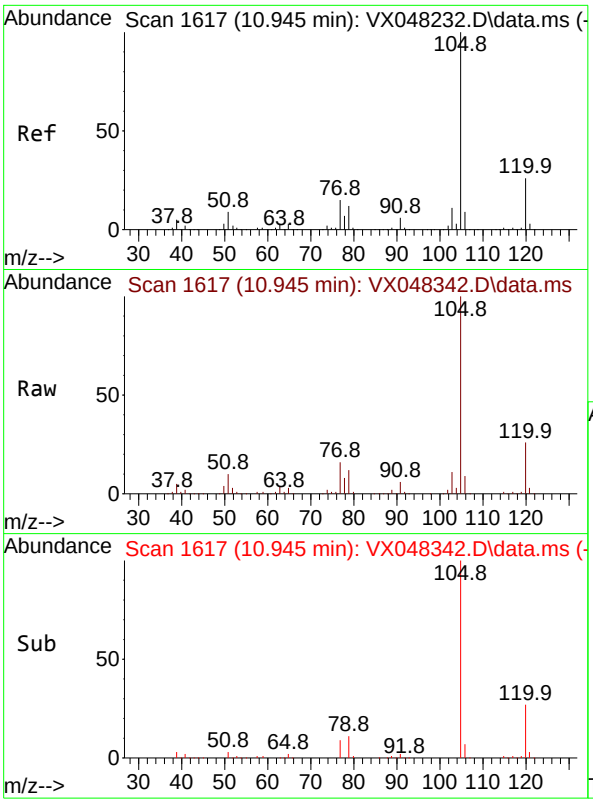




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:152 Resp: 98612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 72.7 | 43.1 | 129.4 |
| 150 | 163.5 | 0.0 | 353.0 |



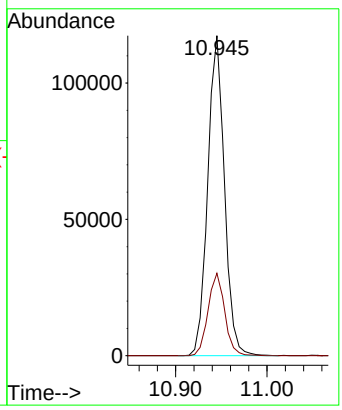


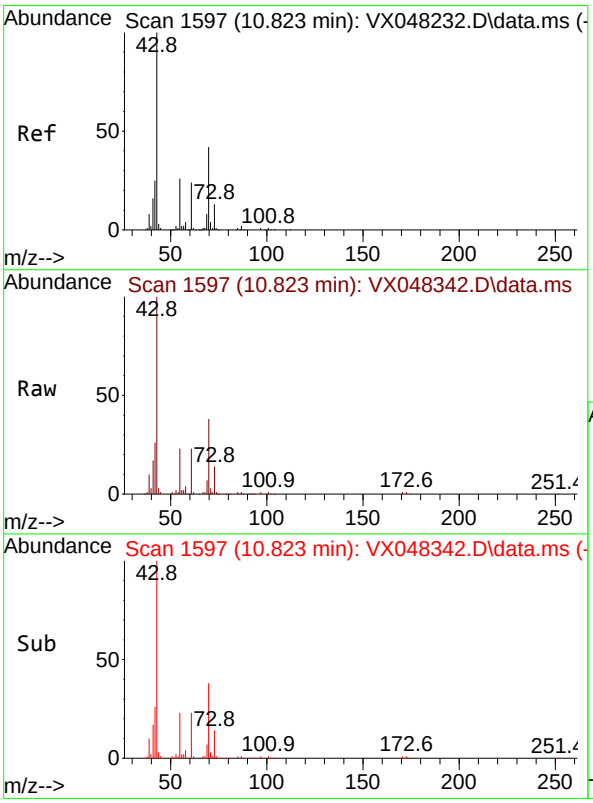

#73
Isopropylbenzene
Concen: 20.627 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:105 Resp: 148568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.7 | 13.0 | 38.9 |

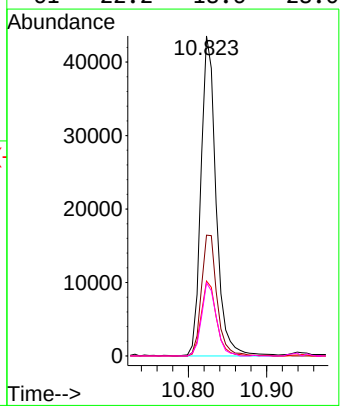


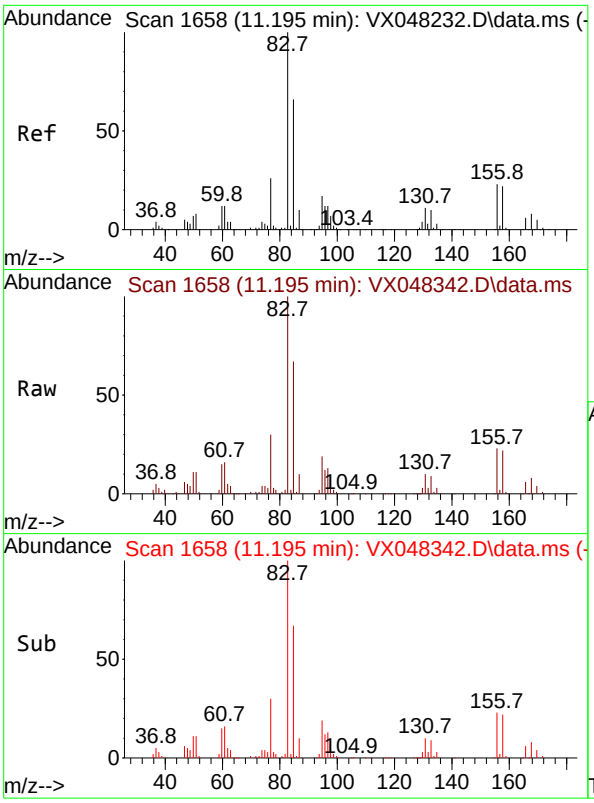




#74
N-amyl acetate
Concen: 22.801 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 43 Resp: 58253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 38.8 | 32.2 | 48.2 |
| 55 | 23.7 | 19.1 | 28.7 |
| 61 | 22.2 | 18.6 | 28.0 |



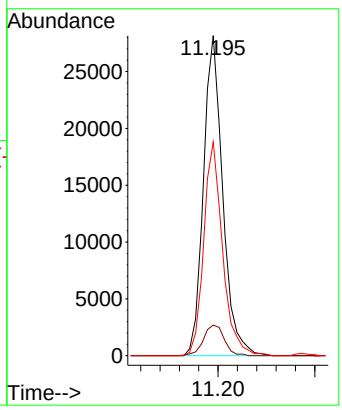


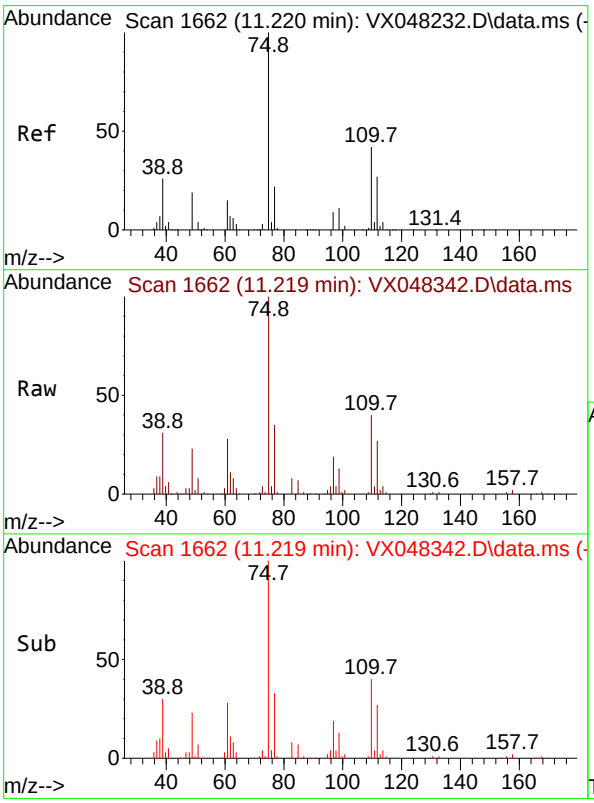

#75
1,1,2,2-Tetrachloroethane
Concen: 19.870 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 83 Resp: 39083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.3 | 4.8 | 14.4 |
| 85 | 65.1 | 31.9 | 95.7 |

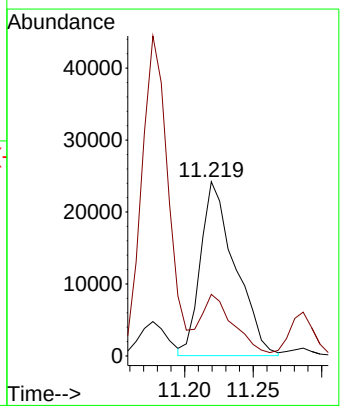


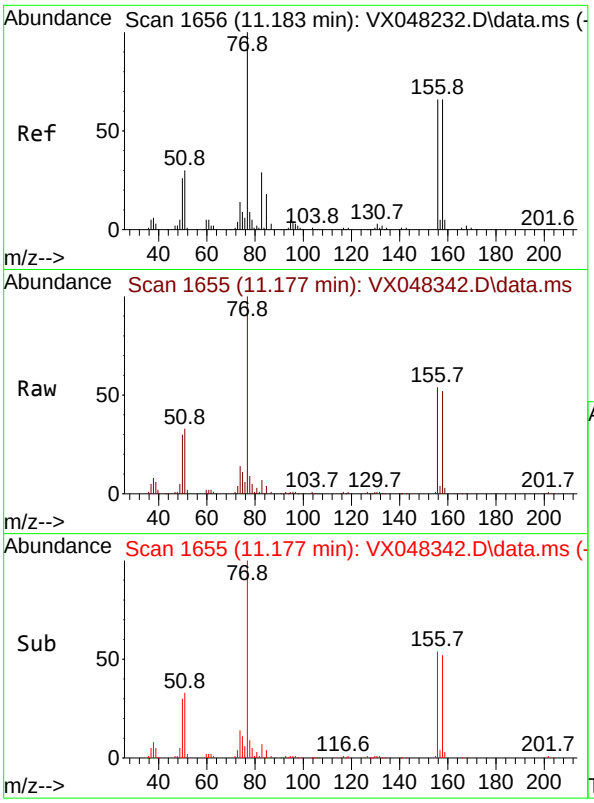




#76
1,2,3-Trichloropropane
Concen: 26.623 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 75 Resp: 42575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 22.4 | 67.2 |



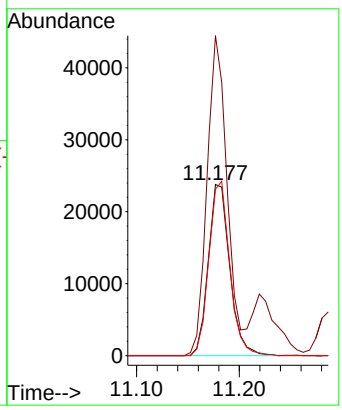


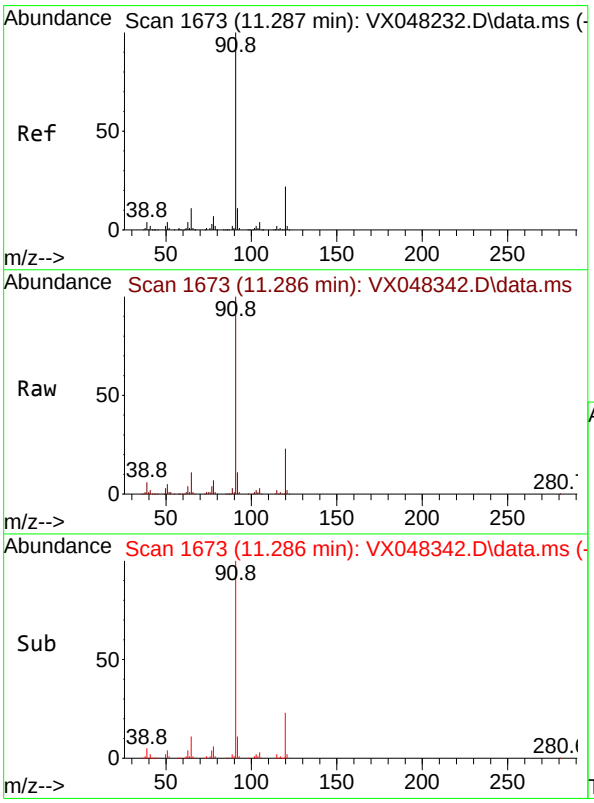

#77
Bromobenzene
Concen: 19.146 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:156 Resp: 34578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 172.3 | 87.0 | 261.0 |
| 158 | 99.0 | 47.8 | 143.4 |

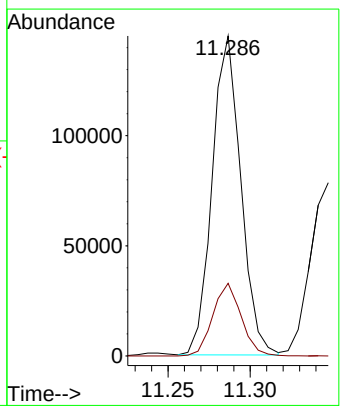


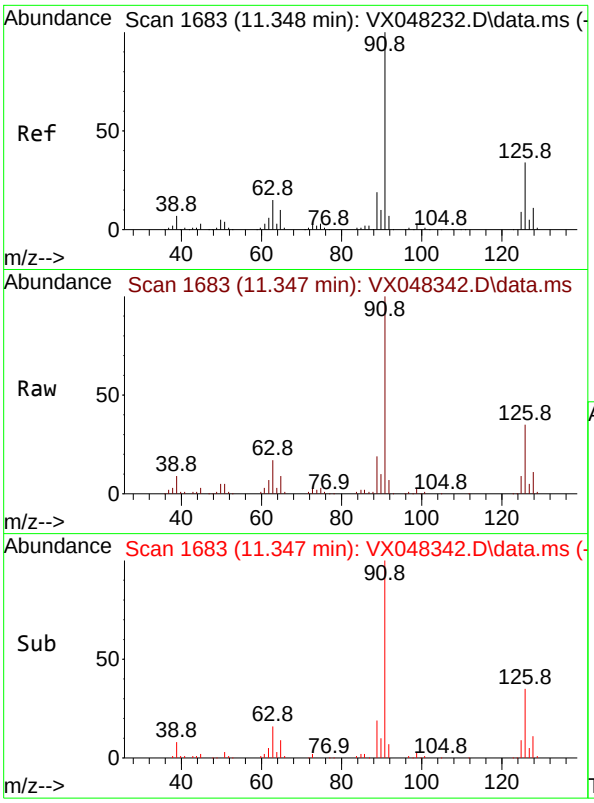




#78
n-propylbenzene
Concen: 21.036 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 91 Resp: 175426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.5 | 11.1 | 33.1 |



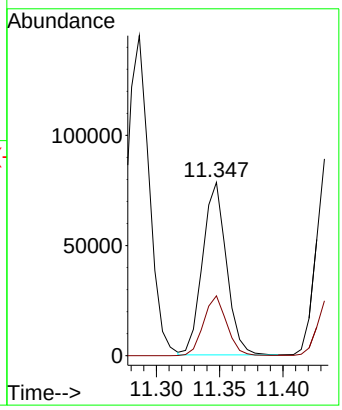


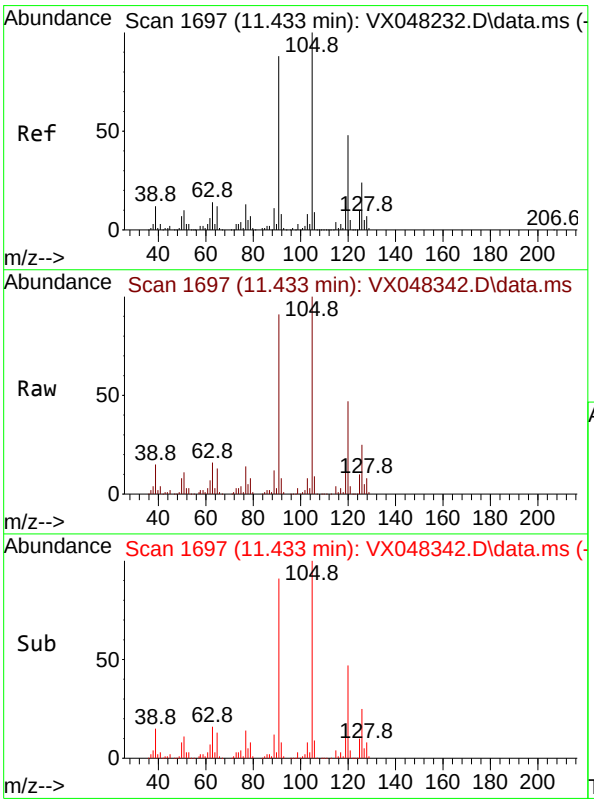

#79
2-Chlorotoluene
Concen: 20.347 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 91 Resp: 102875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.9 | 16.4 | 49.4 |

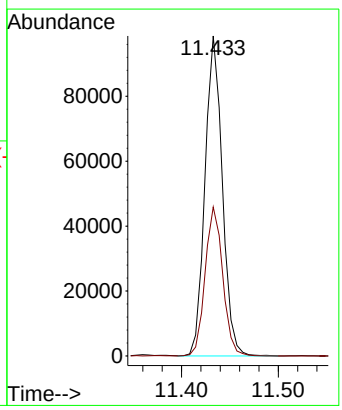


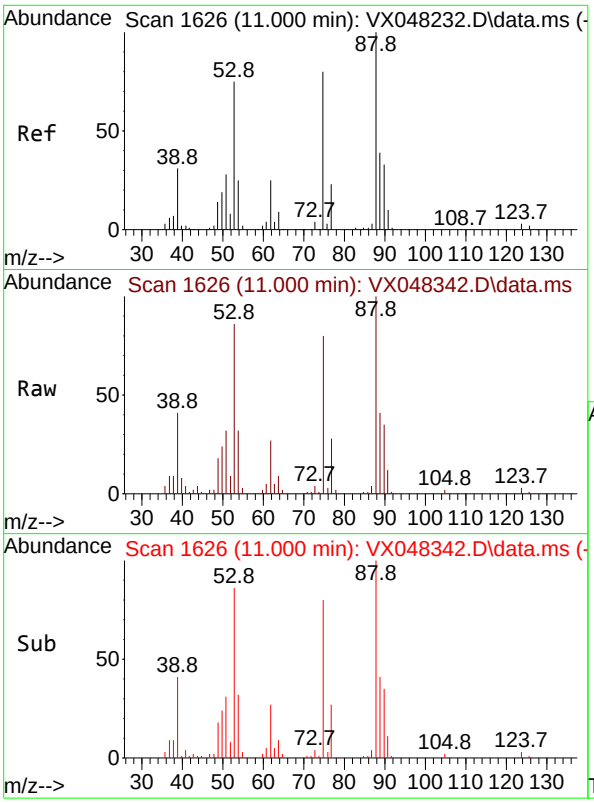




#80
1,3,5-Trimethylbenzene
Concen: 20.656 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:105 Resp: 123122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.3 | 24.0 | 72.0 |



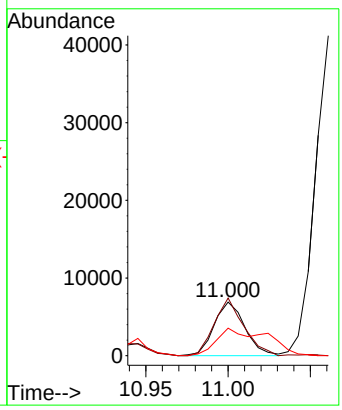


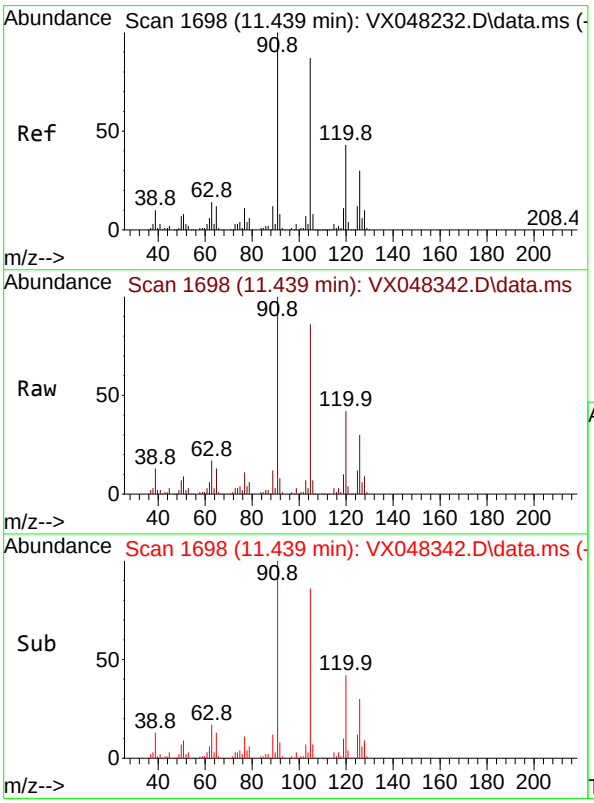

#81
trans-1,4-Dichloro-2-butene
Concen: 13.689 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 75 Resp: 8998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 103.3 | 79.5 | 119.3 |
| 89 | 84.0 | 36.8 | 55.2# |

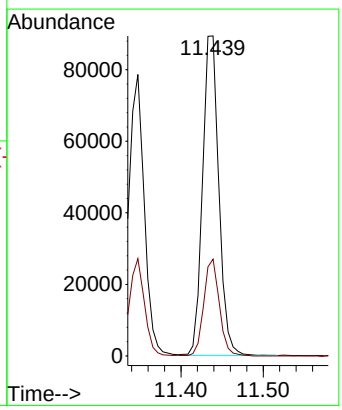


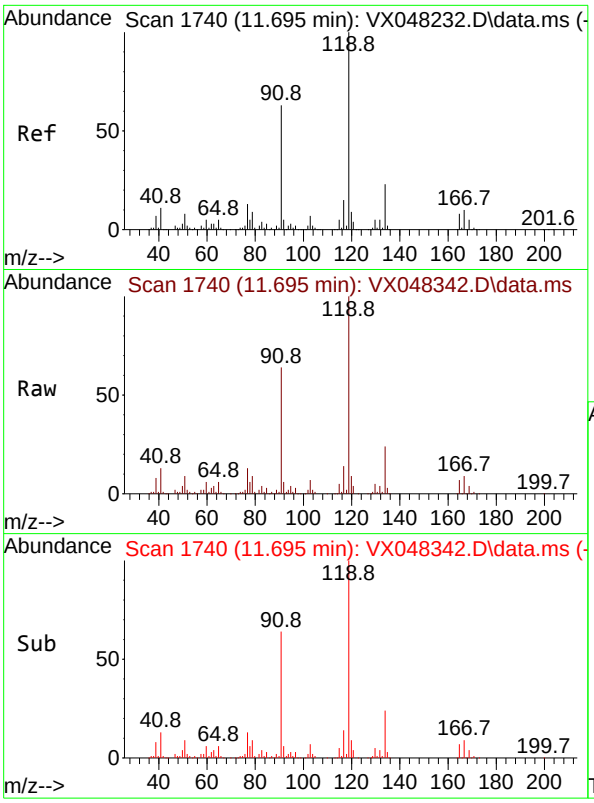




#82
4-Chlorotoluene
Concen: 20.446 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 91 Resp: 122719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.1 | 14.1 | 42.4 |



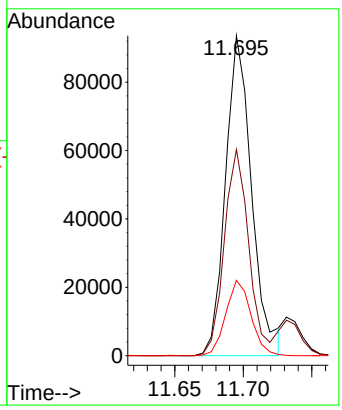


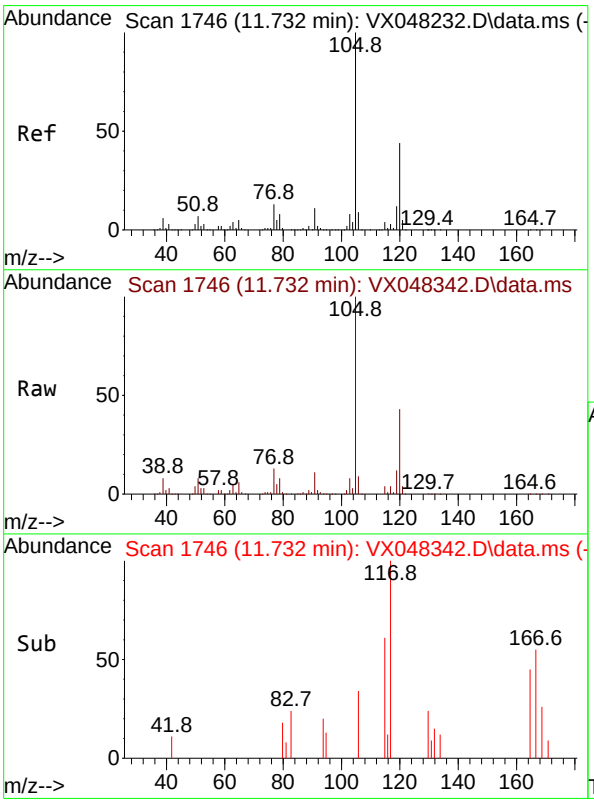

#83
tert-Butylbenzene
Concen: 20.231 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:119 Resp: 123899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 60.4 | 30.3 | 91.0 |
| 134 | 22.7 | 11.4 | 34.2 |

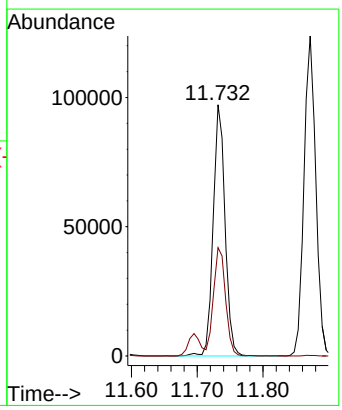


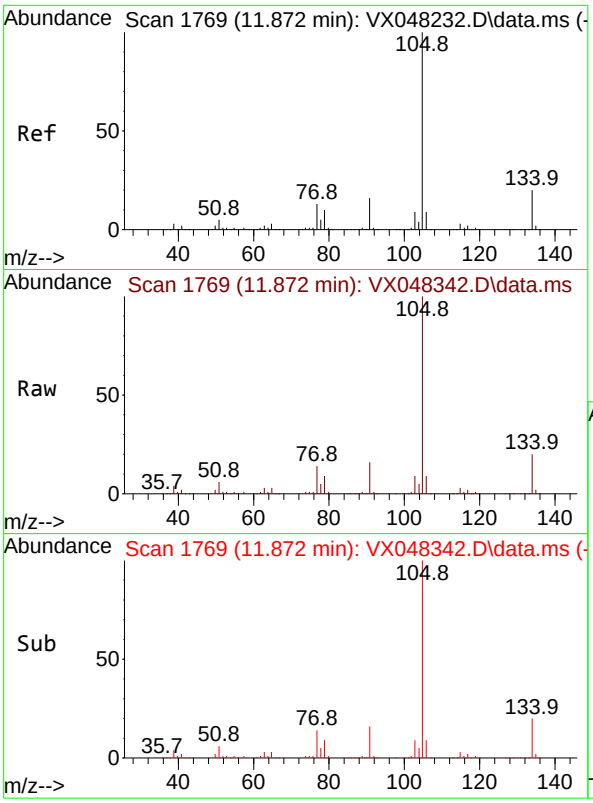




#84
1,2,4-Trimethylbenzene
Concen: 20.537 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:105 Resp: 122164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.7 | 22.1 | 66.5 |



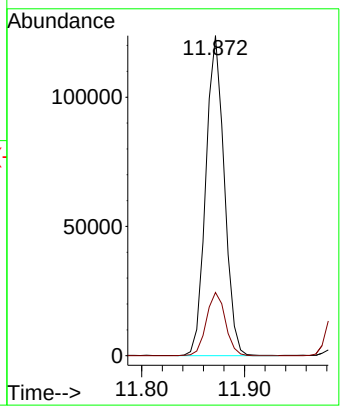


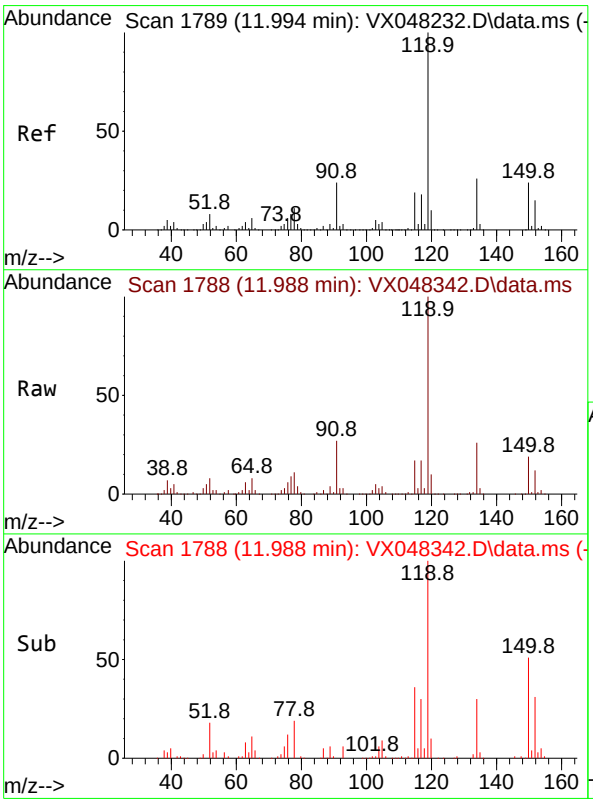

#85
sec-Butylbenzene
Concen: 20.984 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:105 Resp: 154615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.3 | 10.1 | 30.1 |

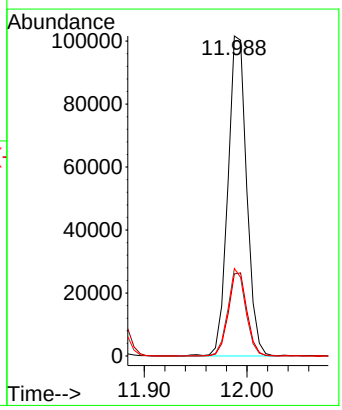


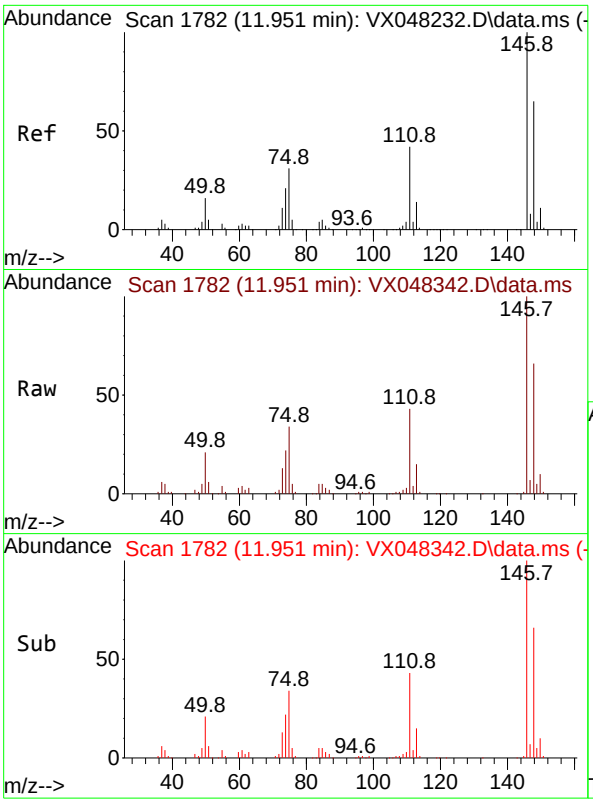




#86
p-Isopropyltoluene
Concen: 20.205 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:119 Resp: 128679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.8 | 13.0 | 39.0 |
| 91 | 26.0 | 12.1 | 36.3 |



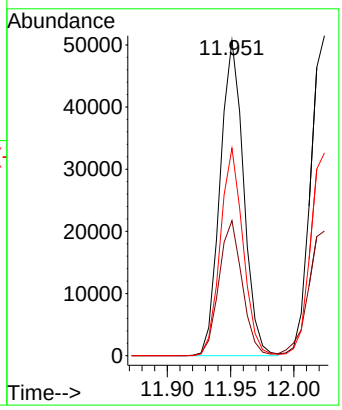


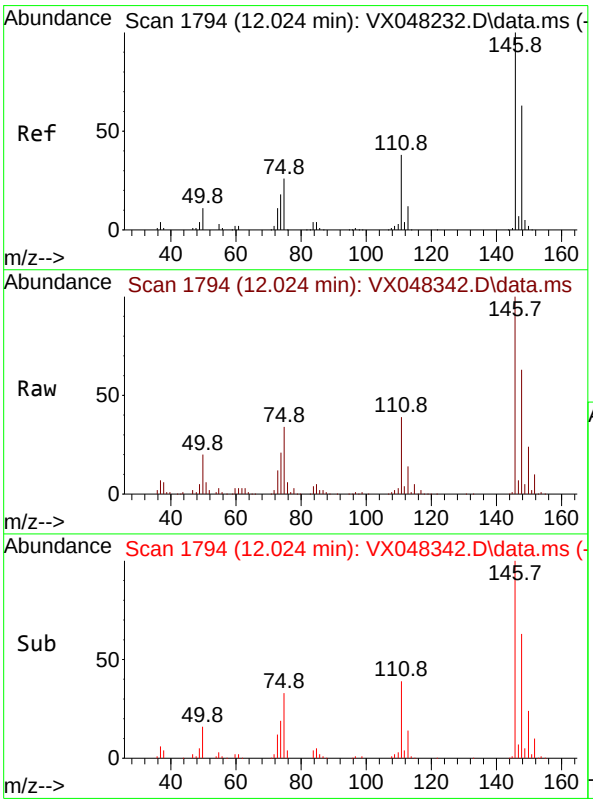

#87
1,3-Dichlorobenzene
Concen: 19.201 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:146 Resp: 65372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 20.4 | 61.2 |
| 148 | 63.7 | 31.9 | 95.9 |

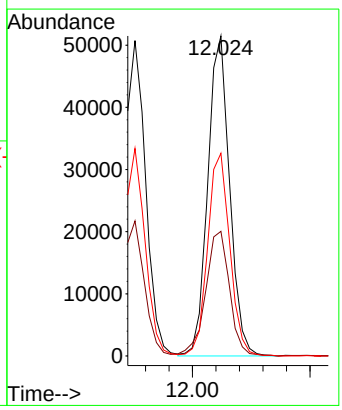


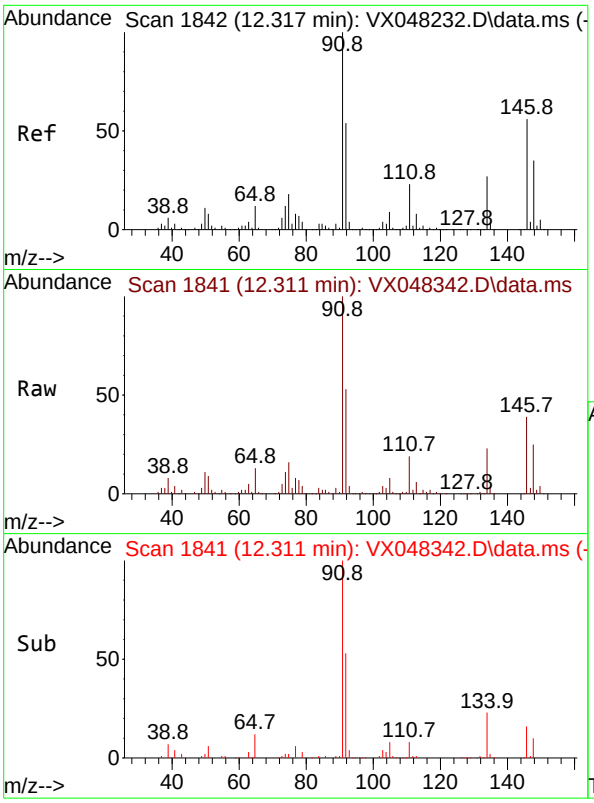




#88
1,4-Dichlorobenzene
Concen: 18.854 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:146 Resp: 66499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.7 | 20.1 | 60.2 |
| 148 | 64.5 | 31.8 | 95.3 |



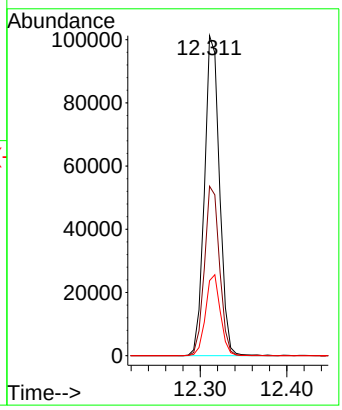


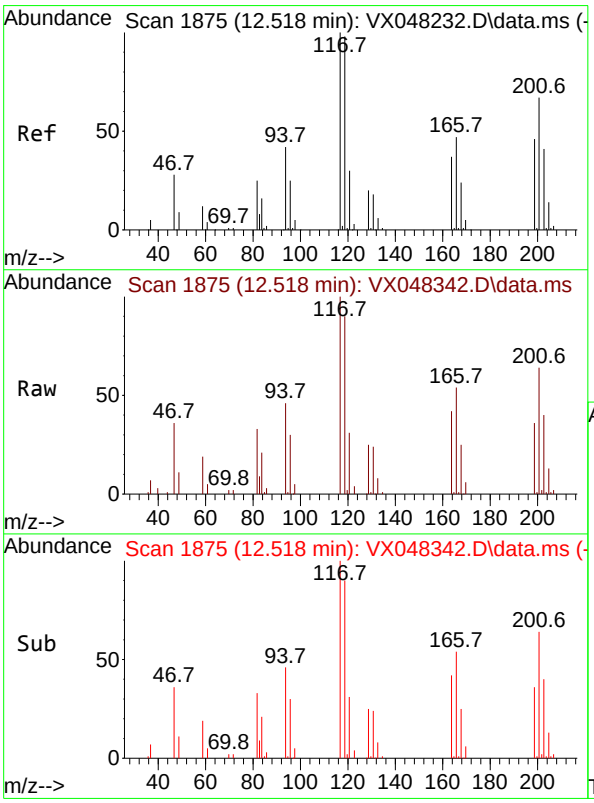

#89
n-Butylbenzene
Concen: 21.075 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion: 91 Resp: 122166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.1 | 26.9 | 80.6 |
| 134 | 24.9 | 12.7 | 38.1 |

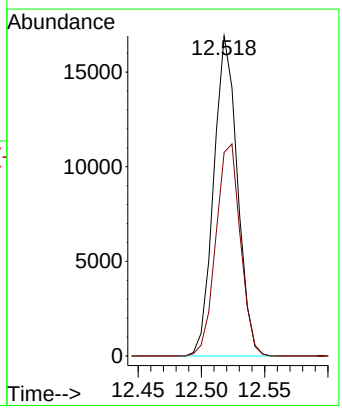


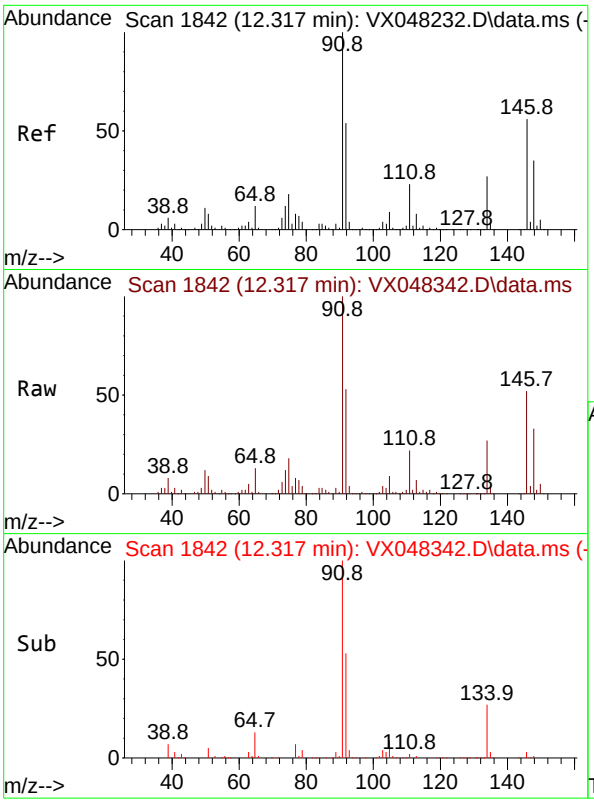




#90
Hexachloroethane
Concen: 17.474 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:117 Resp: 21976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 68.9 | 34.1 | 102.2 |



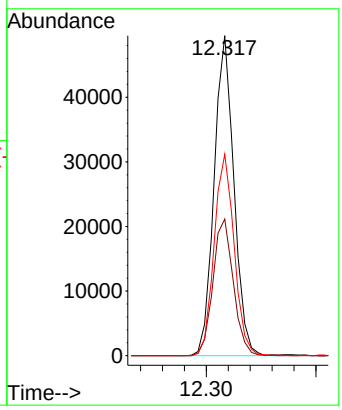


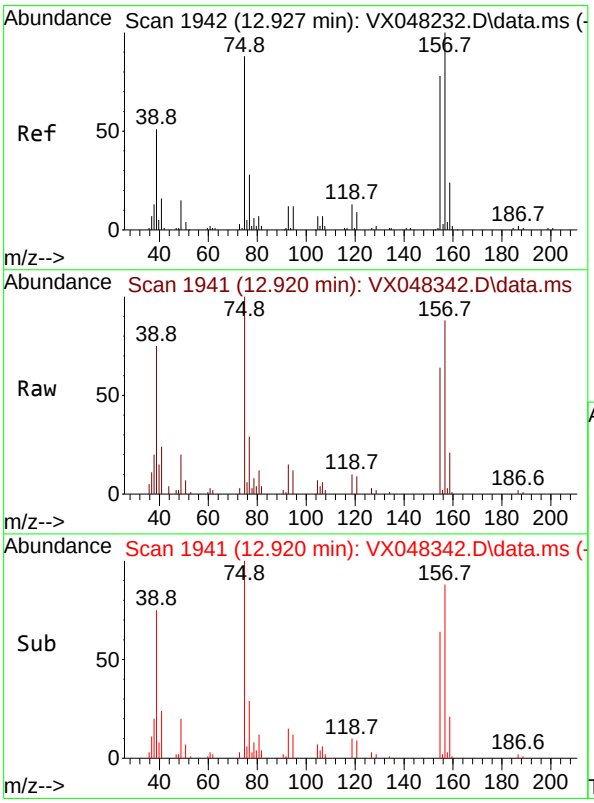

#91
1,2-Dichlorobenzene
Concen: 19.439 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:146 Resp: 62138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.9 | 21.9 | 65.5 |
| 148 | 63.7 | 31.9 | 95.5 |

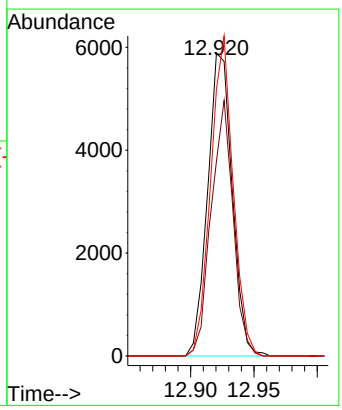


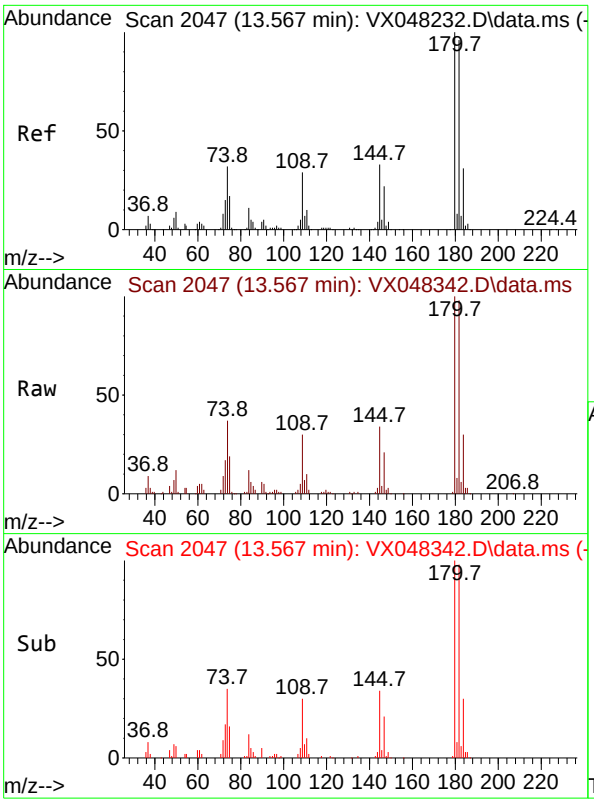




#92
1,2-Dibromo-3-Chloropropane
Concen: 19.944 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion: 75 Resp: 7963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 74.8 | 42.8 | 128.4 |
| 157 | 96.3 | 54.2 | 162.6 |



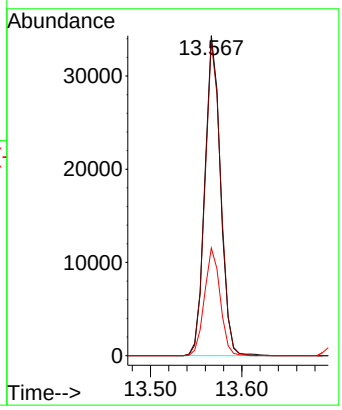


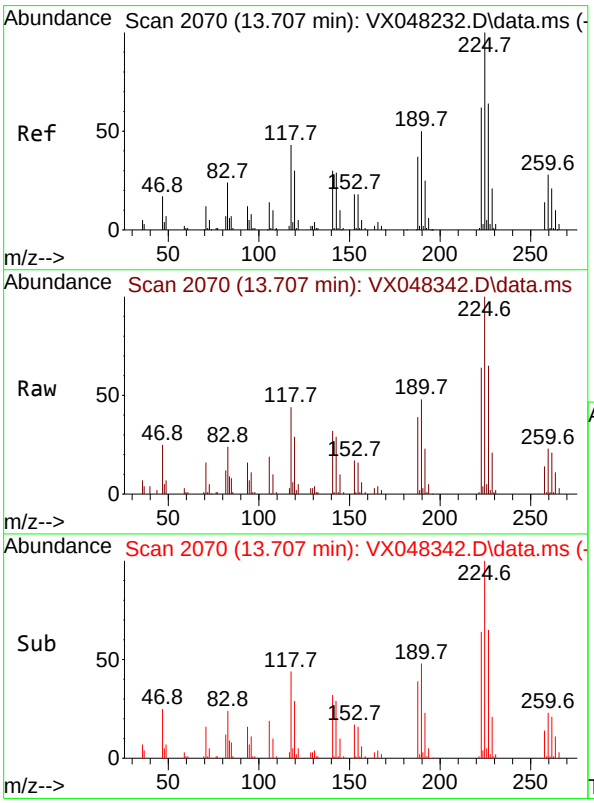

#93
1,2,4-Trichlorobenzene
Concen: 18.876 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:180 Resp: 40804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.4 | 47.3 | 142.0 |
| 145 | 33.5 | 16.3 | 48.9 |

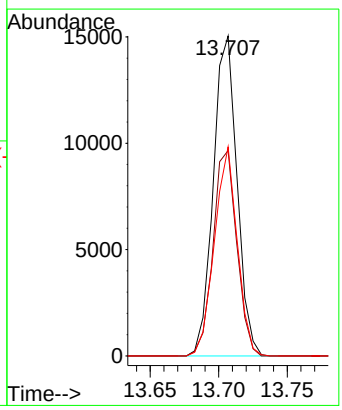


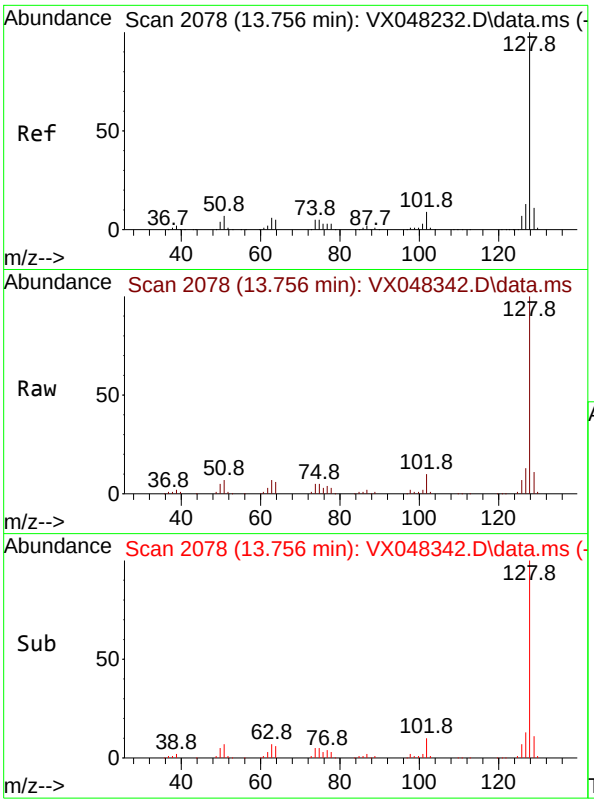




#94
Hexachlorobutadiene
Concen: 22.386 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:225 Resp: 18104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.2 | 32.6 | 97.7 |
| 227 | 62.8 | 32.5 | 97.4 |



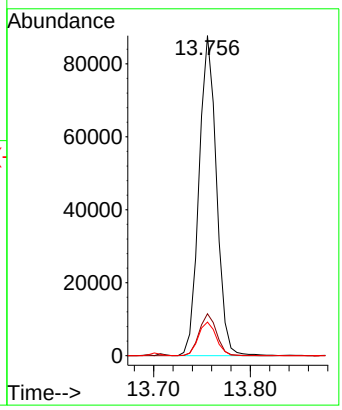


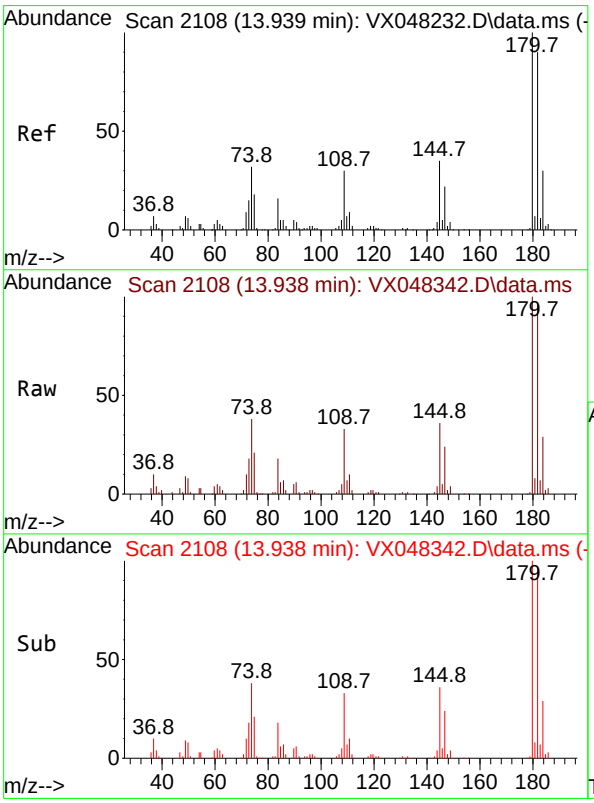

#95
Naphthalene
Concen: 19.265 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1024WBSD01

Tgt Ion:128 Resp: 110334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.4 |
| 129 | 10.8 | 8.6 | 12.8 |

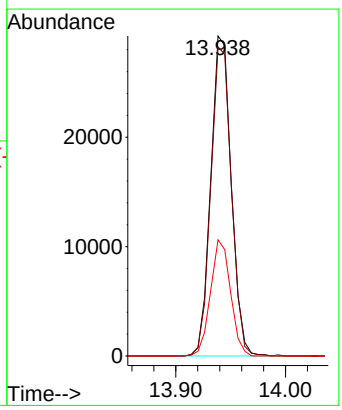



#96
1,2,3-Trichlorobenzene
Concen: 19.140 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048342.D
Acq: 24 Oct 2025 10:43

Tgt Ion:180 Resp: 37968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.2 | 46.6 | 139.7 |
| 145 | 35.5 | 16.9 | 50.7 |



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.537 | 168 | 137837 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.745 | 114 | 230908 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.037 | 117 | 201897 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152 | 101580 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.940 | 65 | 93855 | 48.565 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 97.120% | | | |
| 35) Dibromofluoromethane | 5.373 | 113 | 62140 | 39.419 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 78.840% | | | |
| 50) Toluene-d8 | 8.634 | 98 | 257823 | 46.661 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 93.320% | | | |
| 62) 4-Bromofluorobenzene | 11.061 | 95 | 95120 | 45.251 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 90.500% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 62926 | 44.408 | ug/l | 99 |
| 3) Chloromethane | 1.300 | 50 | 31755 | 24.009 | ug/l | 97 |
| 4) Vinyl Chloride | 1.380 | 62 | 83473 | 68.154 | ug/l | 99 |
| 5) Bromomethane | 1.617 | 94 | 29188 | 35.116 | ug/l | 99 |
| 6) Chloroethane | 1.697 | 64 | 50231 | 69.795 | ug/l | 97 |
| 7) Trichlorofluoromethane | 1.898 | 101 | 143311 | 61.011 | ug/l | 99 |
| 8) Diethyl Ether | 2.136 | 74 | 47003 | 71.117 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 77462 | 52.078 | ug/l | 98 |
| 10) Methyl Iodide | 2.459 | 142 | 271342 | 145.110 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.934 | 59 | 36075 | 188.008 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 74594 | 51.547 | ug/l | 99 |
| 13) Acrolein | 2.233 | 56 | 59385 | 303.455 | ug/l | 99 |
| 14) Allyl chloride | 2.666 | 41 | 126438 | 52.626 | ug/l | 96 |
| 15) Acrylonitrile | 3.056 | 53 | 165690 | 239.471 | ug/l | 99 |
| 16) Acetone | 2.373 | 43 | 128465 | 193.768 | ug/l | 97 |
| 17) Carbon Disulfide | 2.520 | 76 | 202530 | 44.407 | ug/l | 100 |
| 18) Methyl Acetate | 2.697 | 43 | 70947 | 51.241 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 3.105 | 73 | 242830 | 49.188 | ug/l | 99 |
| 20) Methylene Chloride | 2.788 | 84 | 78803 | 48.781 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96 | 77645 | 48.846 | ug/l | 95 |
| 22) Diisopropyl ether | 3.751 | 45 | 271845 | 56.729 | ug/l | 96 |
| 23) Vinyl Acetate | 3.715 | 43 | 939179 | 245.353 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 150722 | 52.017 | ug/l | 99 |
| 25) 2-Butanone | 4.538 | 43 | 182514 | 217.495 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.471 | 77 | 131948 | 50.451 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 92543 | 49.885 | ug/l | 97 |
| 28) Bromochloromethane | 4.891 | 49 | 63375 | 52.749 | ug/l | 98 |
| 29) Tetrahydrofuran | 4.989 | 42 | 120176 | 239.119 | ug/l | 98 |
| 30) Chloroform | 5.080 | 83 | 156317 | 50.495 | ug/l | 97 |
| 31) Cyclohexane | 5.458 | 56 | 129162 | 53.842 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.379 | 97 | 140509 | 49.248 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 103893 | 46.369 | ug/l | 99 |
| 37) Ethyl Acetate | 4.696 | 43 | 94821 | 51.057 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.665 | 117 | 121202 | 43.846 | ug/l | 99 |
| 39) Methylcyclohexane | 7.366 | 83 | 131596 | 49.732 | ug/l | 96 |
| 40) Benzene | 6.025 | 78 | 312187 | 47.991 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.903 | 41 | 48739 | 49.974 ug/l | | 99 |
| 42) 1,2-Dichloroethane | 6.074 | 62 | 119697 | 49.865 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.318 | 43 | 152346 | 49.940 ug/l | | 99 |
| 44) Trichloroethene | 7.110 | 130 | 79852 | 46.488 ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.415 | 63 | 78729 | 50.904 ug/l | | 95 |
| 46) Dibromomethane | 7.568 | 93 | 56015 | 46.488 ug/l | | 98 |
| 47) Bromodichloromethane | 7.805 | 83 | 122472 | 47.075 ug/l | | 99 |
| 48) Methyl methacrylate | 7.677 | 41 | 77157 | 50.123 ug/l | | 97 |
| 49) 1,4-Dioxane | 7.641 | 88 | 15616 | 767.869 ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 8.555 | 43 | 427244 | 242.909 ug/l | | 98 |
| 52) Toluene | 8.702 | 92 | 195954 | 47.417 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.964 | 75 | 111521 | 44.482 ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.354 | 75 | 115185 | 42.583 ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.134 | 97 | 70725 | 46.020 ug/l | | 99 |
| 56) Ethyl methacrylate | 9.098 | 69 | 106860 | 47.538 ug/l | | 97 |
| 57) 1,3-Dichloropropane | 9.293 | 76 | 124600 | 47.465 ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.226 | 63 | 299785 | 248.040 ug/l | | 100 |
| 59) 2-Hexanone | 9.415 | 43 | 289819 | 236.310 ug/l | | 99 |
| 60) Dibromochloromethane | 9.506 | 129 | 88240 | 42.719 ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.592 | 107 | 72202 | 44.069 ug/l | | 99 |
| 64) Tetrachloroethene | 9.256 | 164 | 71595 | 47.502 ug/l | | 97 |
| 65) Chlorobenzene | 10.061 | 112 | 212798 | 46.854 ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131 | 75776 | 45.425 ug/l | | 99 |
| 67) Ethyl Benzene | 10.177 | 91 | 378873 | 48.997 ug/l | | 99 |
| 68) m/p-Xylenes | 10.287 | 106 | 282564 | 98.351 ug/l | | 100 |
| 69) o-Xylene | 10.622 | 106 | 134320 | 48.426 ug/l | | 100 |
| 70) Styrene | 10.640 | 104 | 231504 | 49.017 ug/l | | 99 |
| 71) Bromoform | 10.780 | 173 | 52852 | 39.641 ug/l | # | 98 |
| 73) Isopropylbenzene | 10.945 | 105 | 359740 | 48.486 ug/l | | 100 |
| 74) N-amyl acetate | 10.823 | 43 | 136716 | 51.949 ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83 | 89239 | 44.044 ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.219 | 75 | 93736 | 56.903 ug/l | | 81 |
| 77) Bromobenzene | 11.183 | 156 | 84698 | 45.528 ug/l | | 99 |
| 78) n-propylbenzene | 11.286 | 91 | 433271 | 50.437 ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.347 | 91 | 251854 | 48.357 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.433 | 105 | 297431 | 48.442 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75 | 19309 | 28.518 ug/l | # | 75 |
| 82) 4-Chlorotoluene | 11.433 | 91 | 300933 | 48.674 ug/l | | 100 |
| 83) tert-Butylbenzene | 11.695 | 119 | 303155 | 48.055 ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.731 | 105 | 297974 | 48.628 ug/l | | 99 |
| 85) sec-Butylbenzene | 11.872 | 105 | 377937 | 49.795 ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.994 | 119 | 319358 | 48.680 ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.951 | 146 | 157580 | 44.932 ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.024 | 146 | 158565 | 43.644 ug/l | | 99 |
| 89) n-Butylbenzene | 12.311 | 91 | 304622 | 51.016 ug/l | | 100 |
| 90) Hexachloroethane | 12.518 | 117 | 55291 | 42.679 ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.317 | 146 | 147165 | 44.694 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.926 | 75 | 17860 | 43.426 ug/l | | 92 |
| 93) 1,2,4-Trichlorobenzene | 13.567 | 180 | 101661 | 45.654 ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.707 | 225 | 42413 | 50.828 ug/l | | 97 |
| 95) Naphthalene | 13.756 | 128 | 262366 | 44.472 ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.938 | 180 | 93463 | 45.740 ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

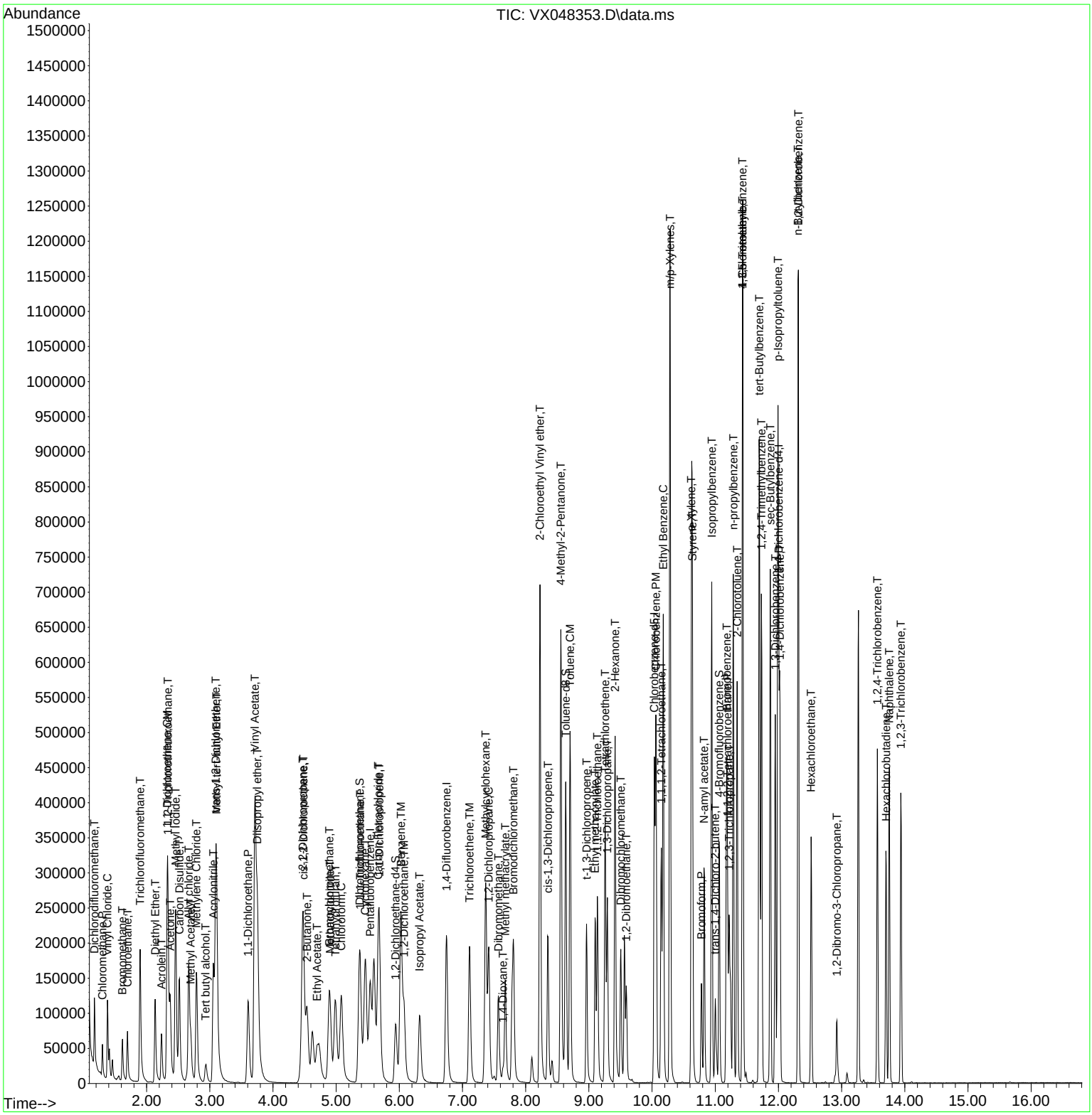
(#) = qualifier out of range (m) = manual integration (+) = signals summed

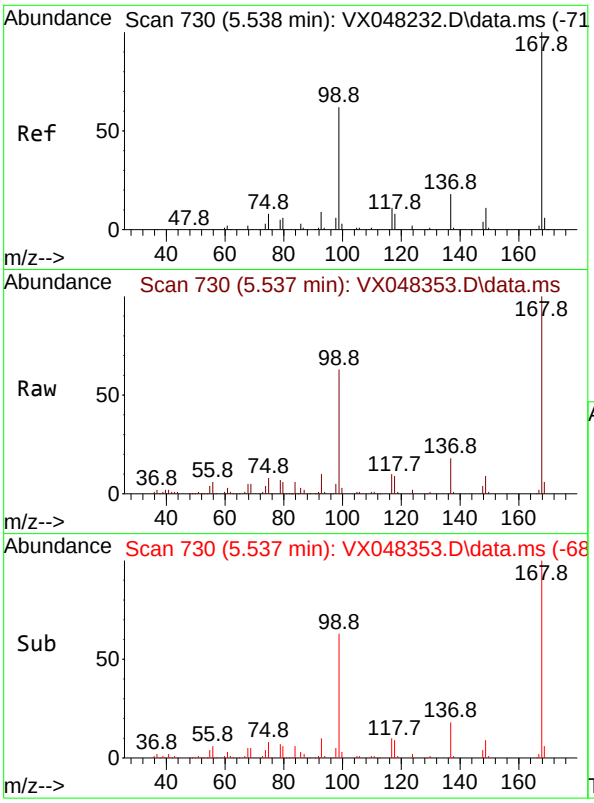
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048353.D
Acq On : 24 Oct 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Oct 24 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



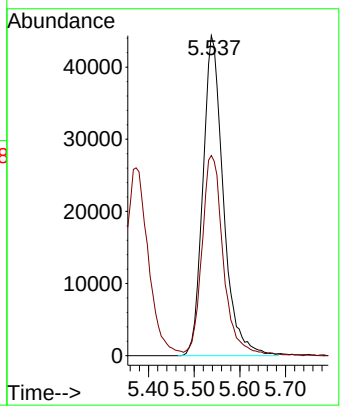


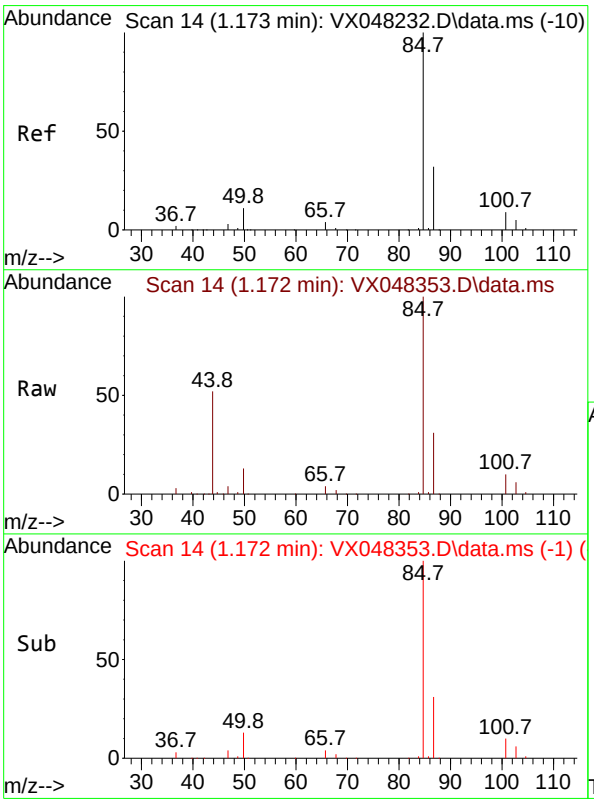

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:168 Resp: 137837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 62.0 | 46.4 | 69.6 |

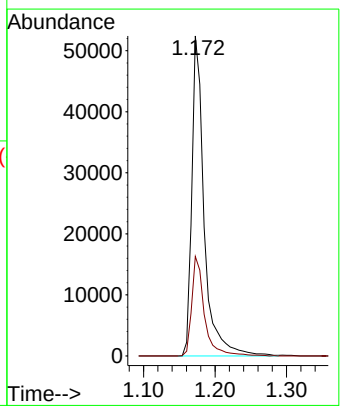


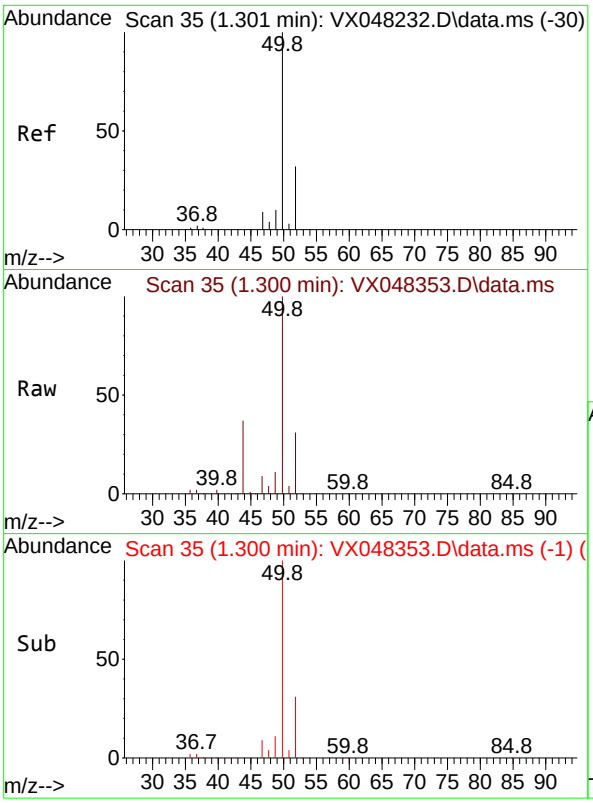




#2
Dichlorodifluoromethane
Concen: 44.408 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 85 Resp: 62926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.1 | 15.3 | 45.9 |



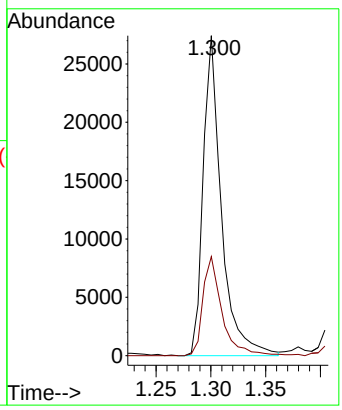


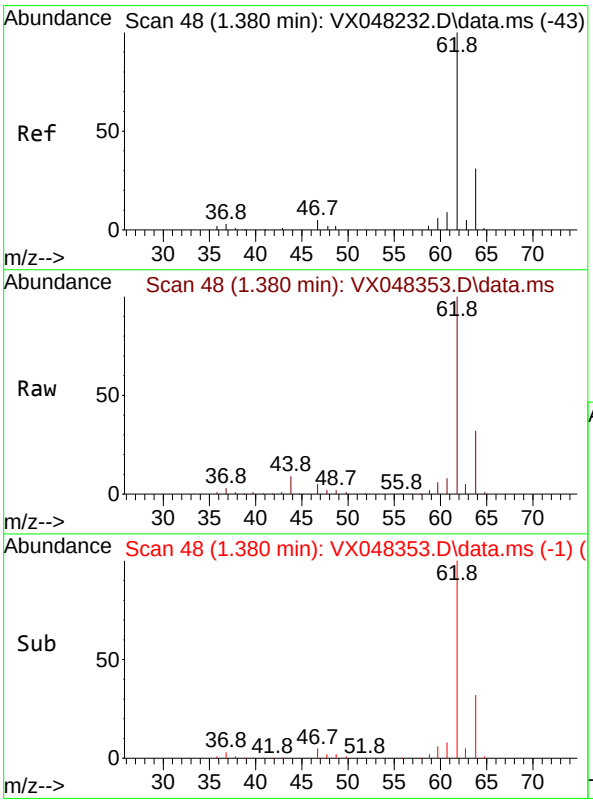

#3
Chloromethane
Concen: 24.009 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 50 Resp: 31755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.0 | 25.9 | 38.9 |

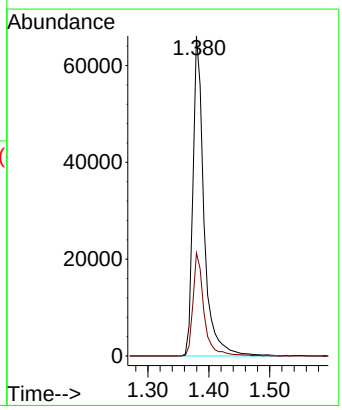


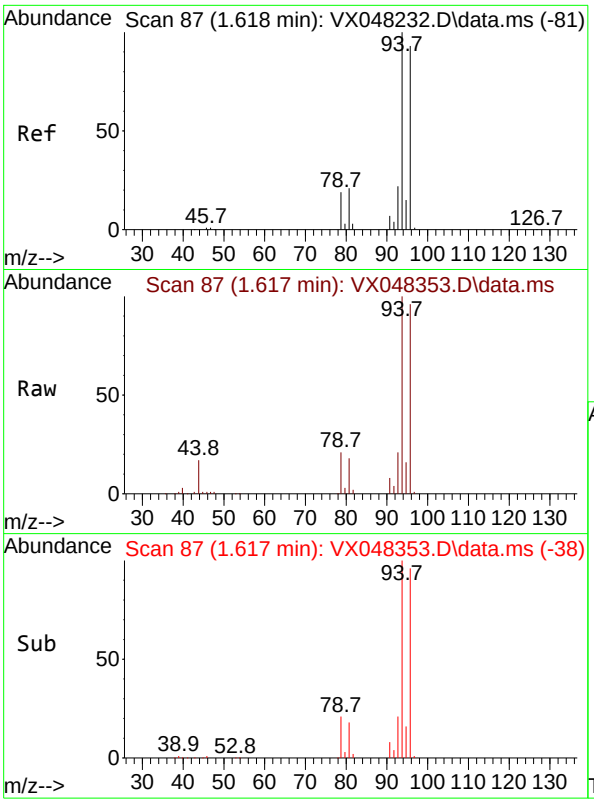




#4
Vinyl Chloride
Concen: 68.154 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 62 Resp: 83473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.2 | 25.1 | 37.7 |



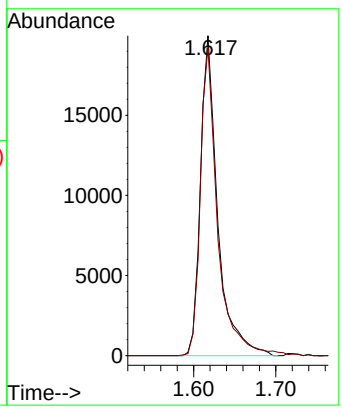


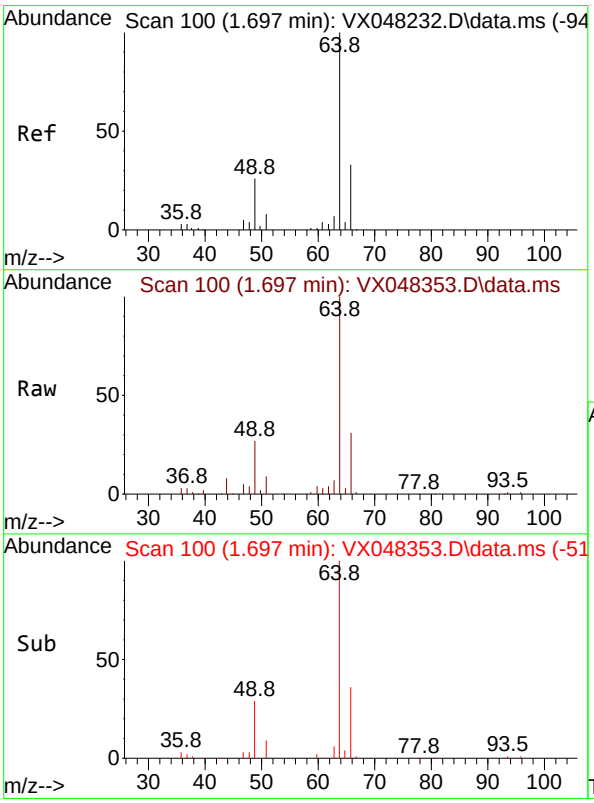

#5
Bromomethane
Concen: 35.116 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 94 Resp: 29188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.3 | 76.0 | 114.0 |

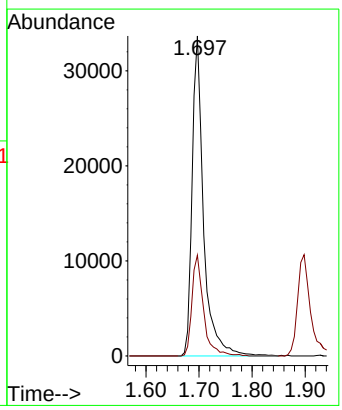


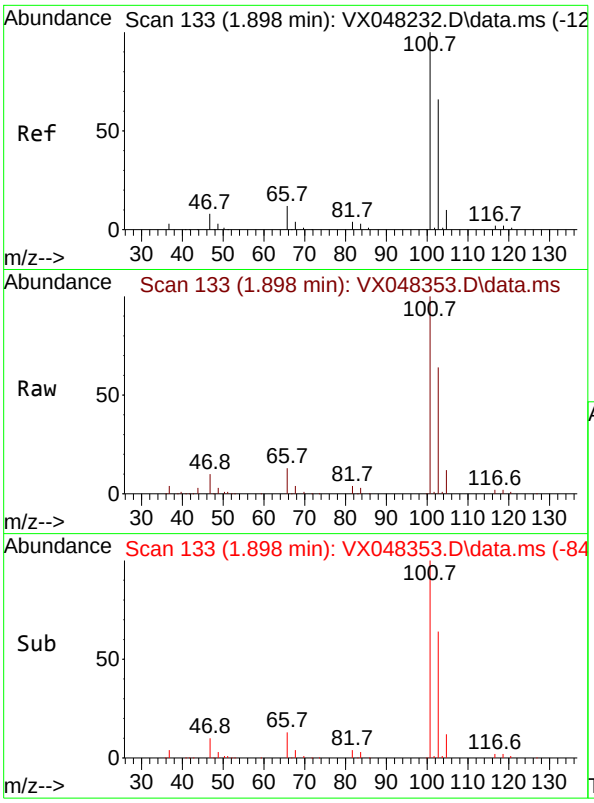




#6
Chloroethane
Concen: 69.795 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 64 Resp: 50231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.5 | 23.9 | 35.9 |



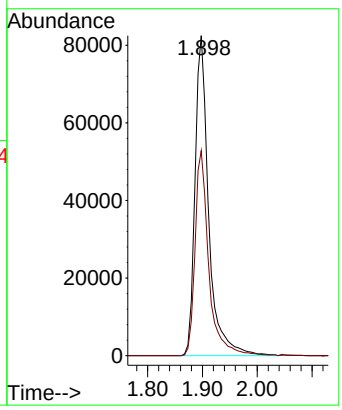


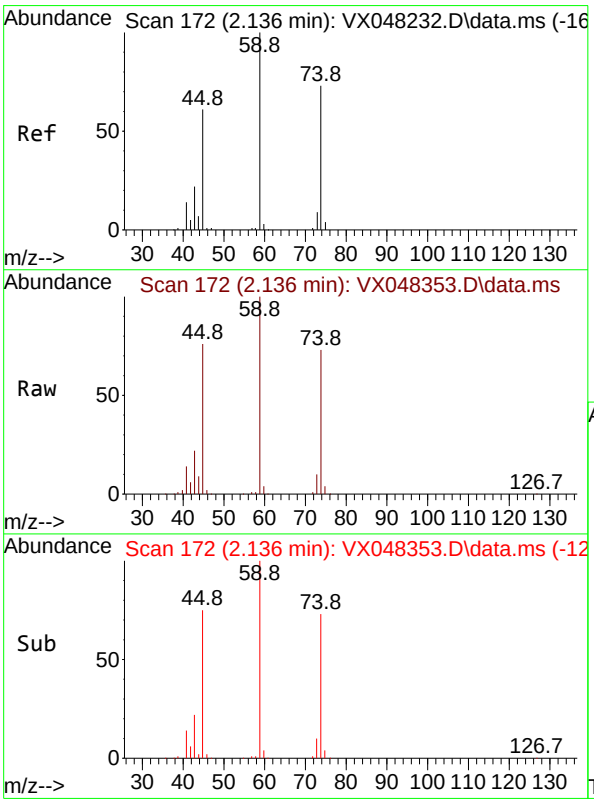

#7
Trichlorofluoromethane
Concen: 61.011 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 143311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.1 | 51.6 | 77.4 |

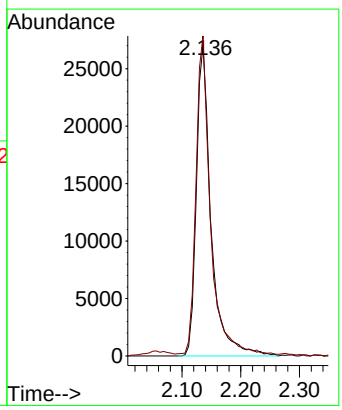


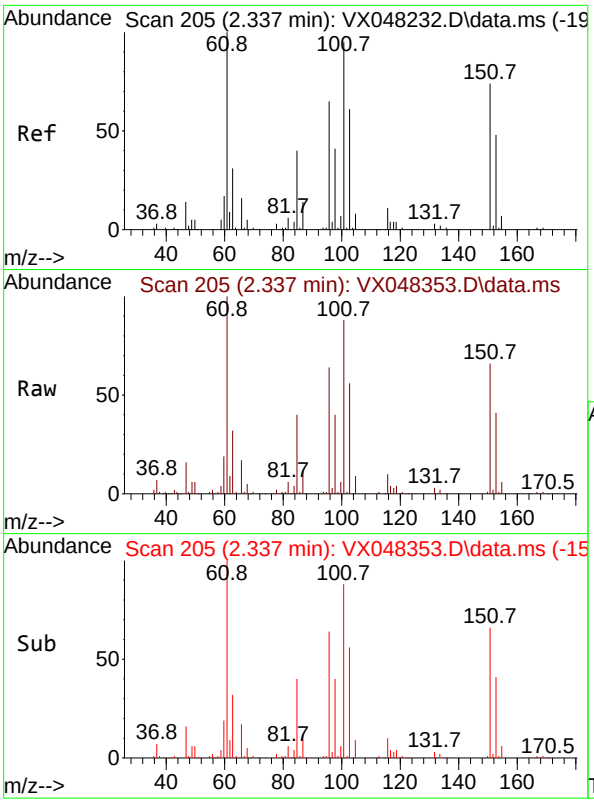




#8
Diethyl Ether
Concen: 71.117 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 74 Resp: 47003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 101.0 | 50.0 | 149.8 |



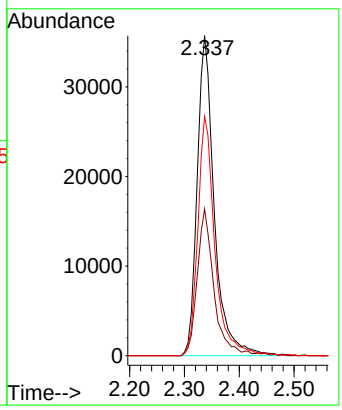


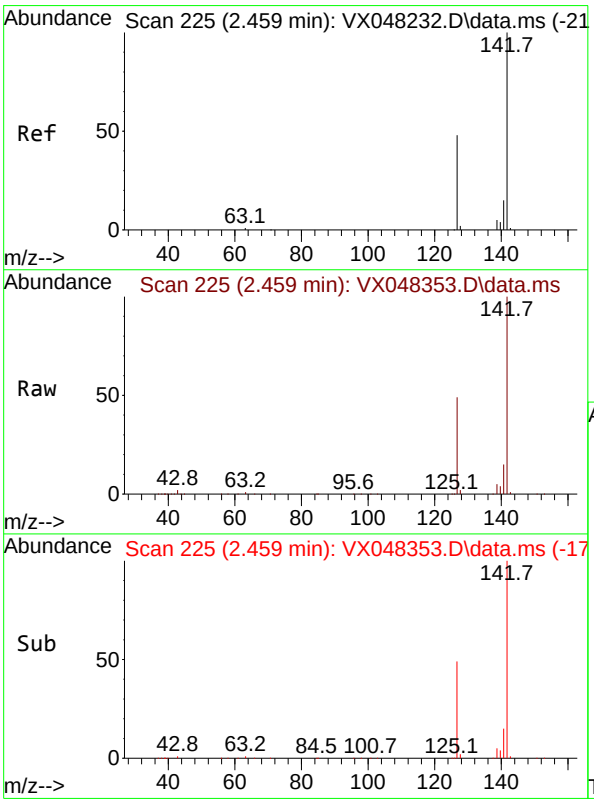

#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.078 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 77462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.6 | 35.6 | 53.4 |
| 151 | 74.8 | 58.0 | 87.0 |

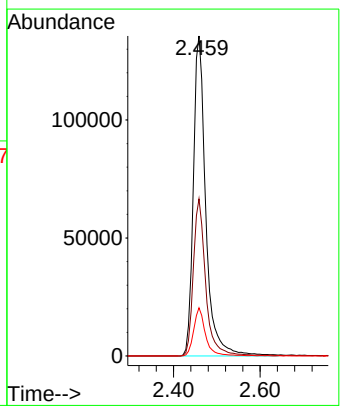


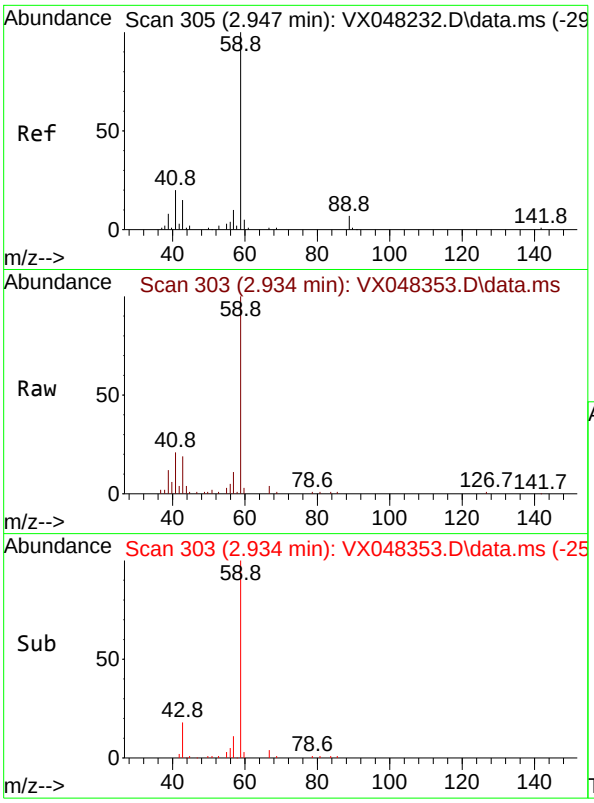




#10
Methyl Iodide
Concen: 145.110 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:142 Resp: 271342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 48.7 | 38.5 | 57.7 |
| 141 | 14.3 | 11.6 | 17.4 |



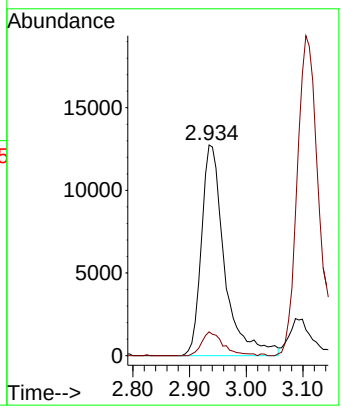


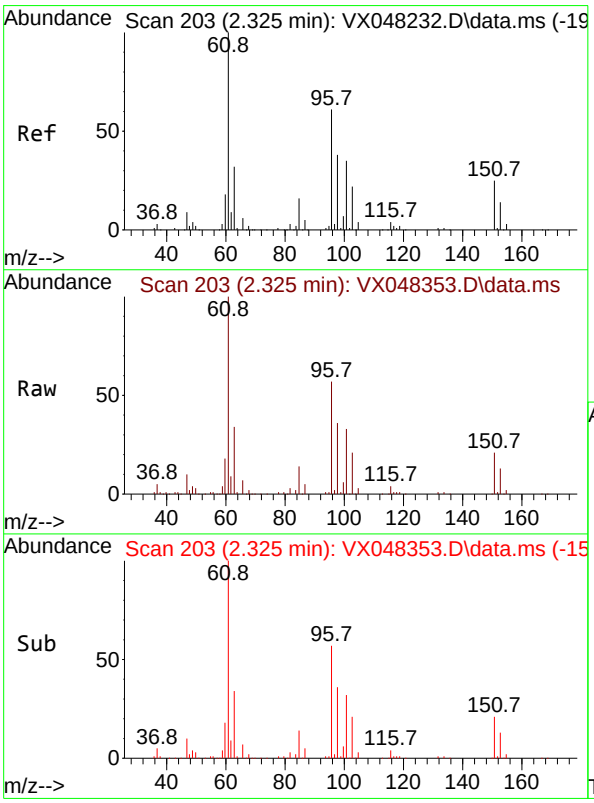

#11
Tert butyl alcohol
Concen: 188.008 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 59 Resp: 36075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.6 | 8.2 | 12.4 |

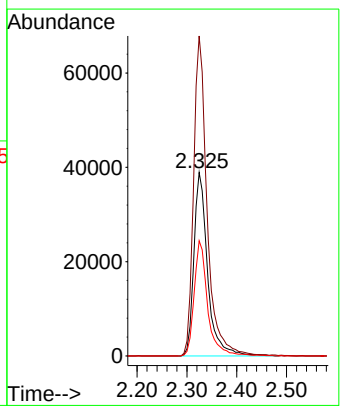


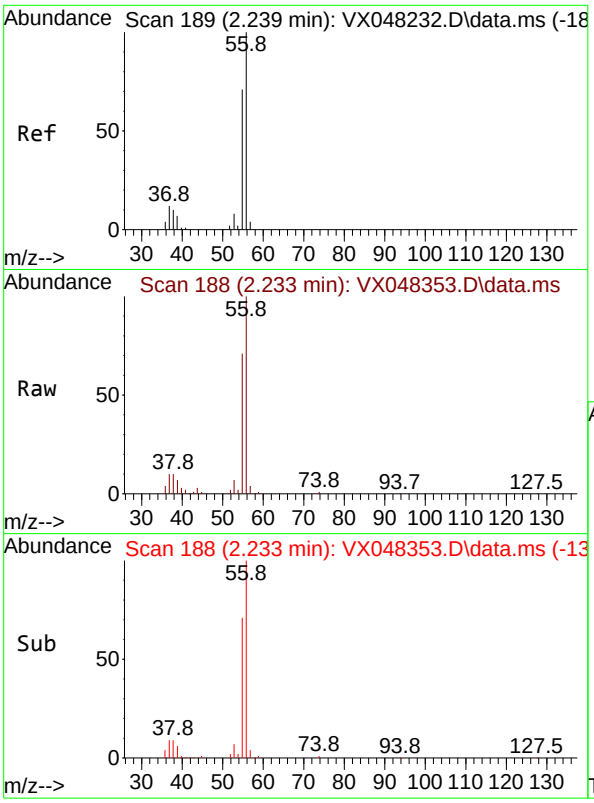




#12
1,1-Dichloroethene
Concen: 51.547 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 96 Resp: 74594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 174.4 | 139.0 | 208.6 |
| 98 | 62.8 | 52.4 | 78.6 |



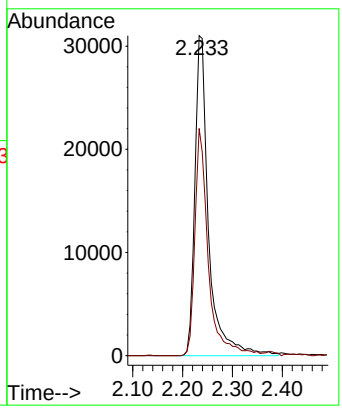


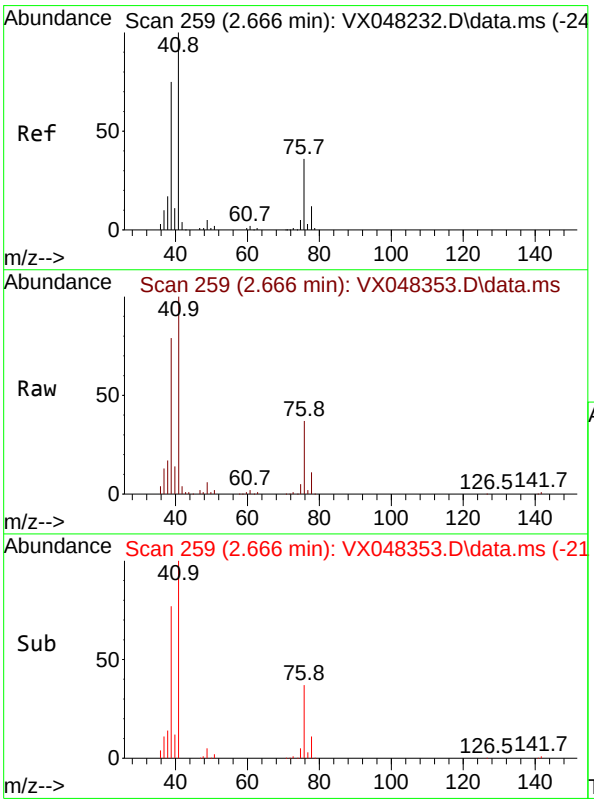

#13
Acrolein
Concen: 303.455 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 59385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.0 | 56.1 | 84.1 |

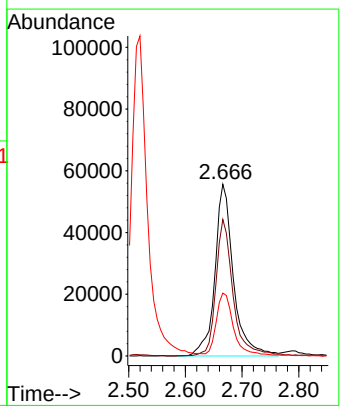


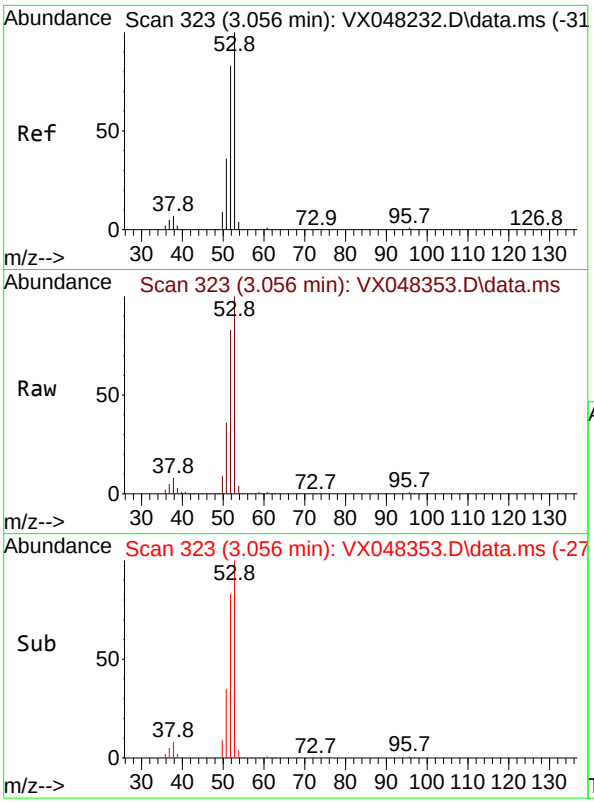




#14
Allyl chloride
Concen: 52.626 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 41 Resp: 126438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 74.3 | 56.0 | 84.0 |
| 76 | 33.2 | 27.5 | 41.3 |



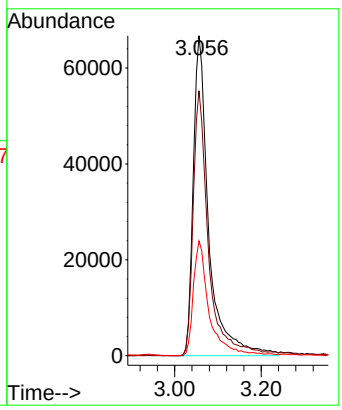


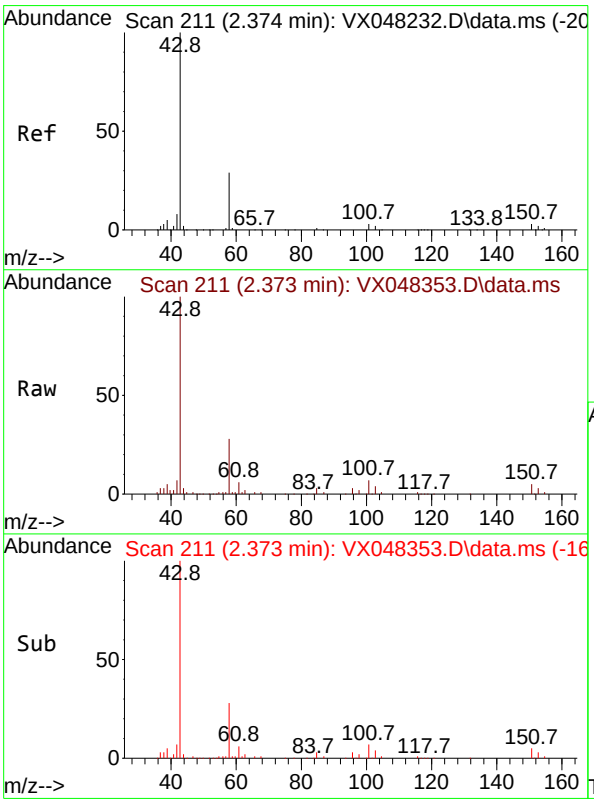

#15
Acrylonitrile
Concen: 239.471 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 53 Resp: 165690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.3 | 66.1 | 99.1 |
| 51 | 36.6 | 29.0 | 43.4 |

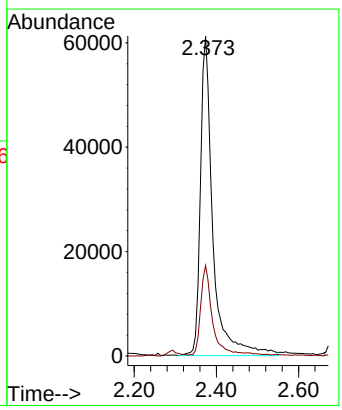


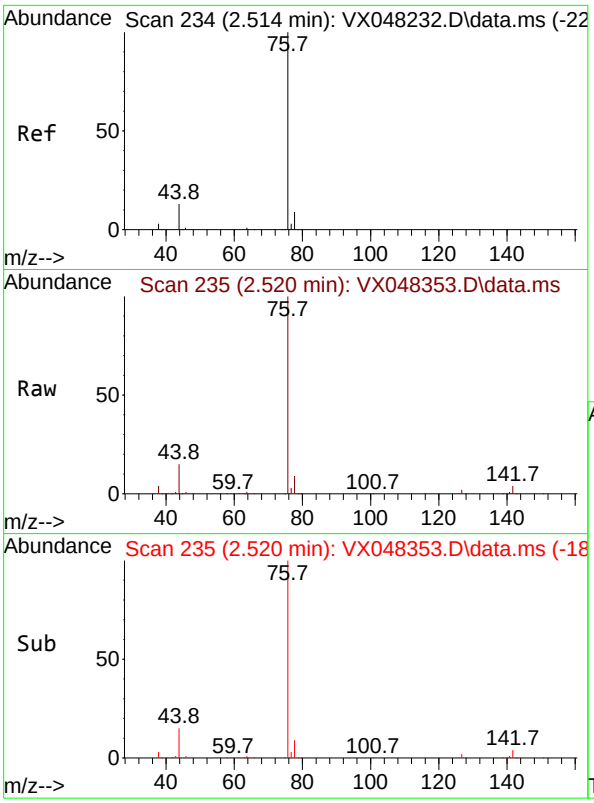




#16
Acetone
Concen: 193.768 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 128465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.9 | 23.4 | 35.2 |



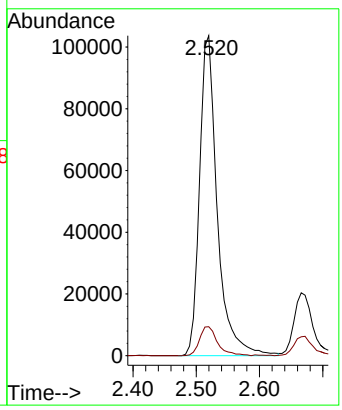


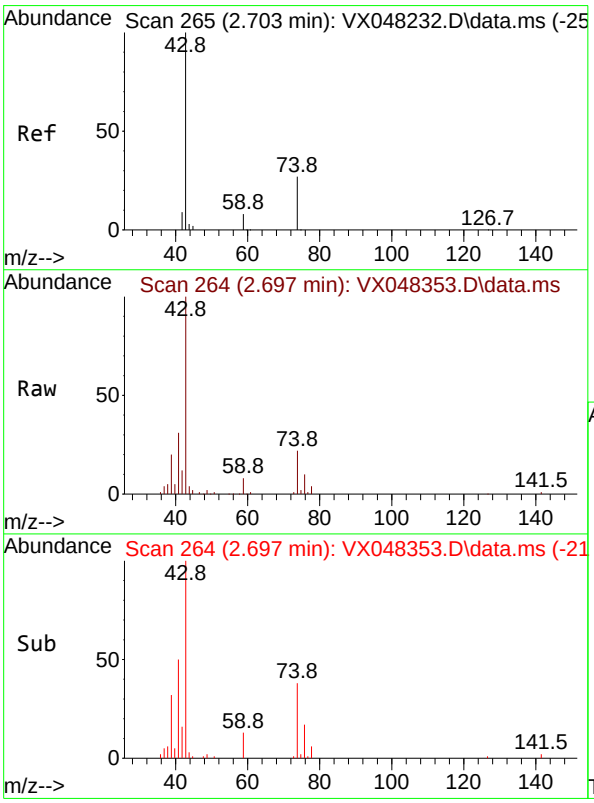

#17
Carbon Disulfide
Concen: 44.407 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 202530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.1 | 10.7 |

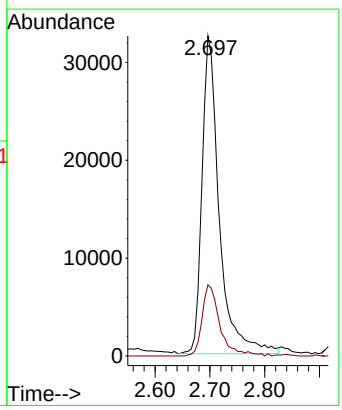


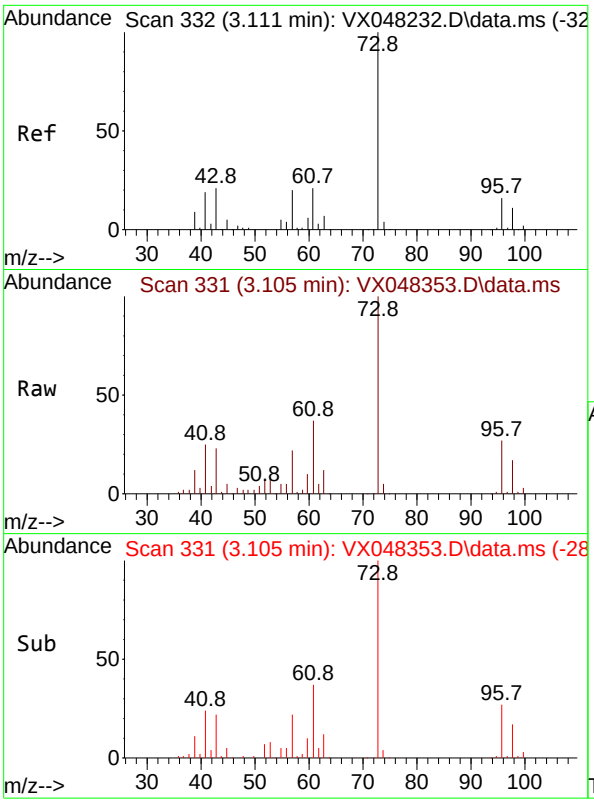




#18
Methyl Acetate
Concen: 51.241 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 70947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.2 | 17.5 | 26.3 |



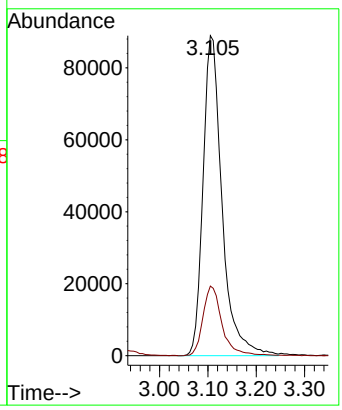


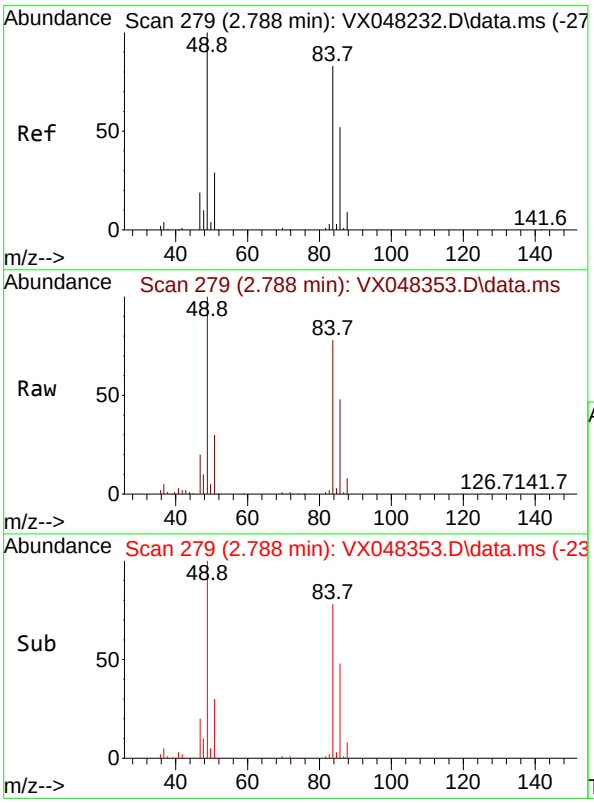

#19
Methyl tert-butyl Ether
Concen: 49.188 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 73 Resp: 242830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.8 | 17.7 | 26.5 |

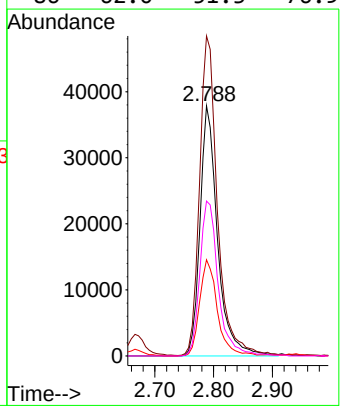


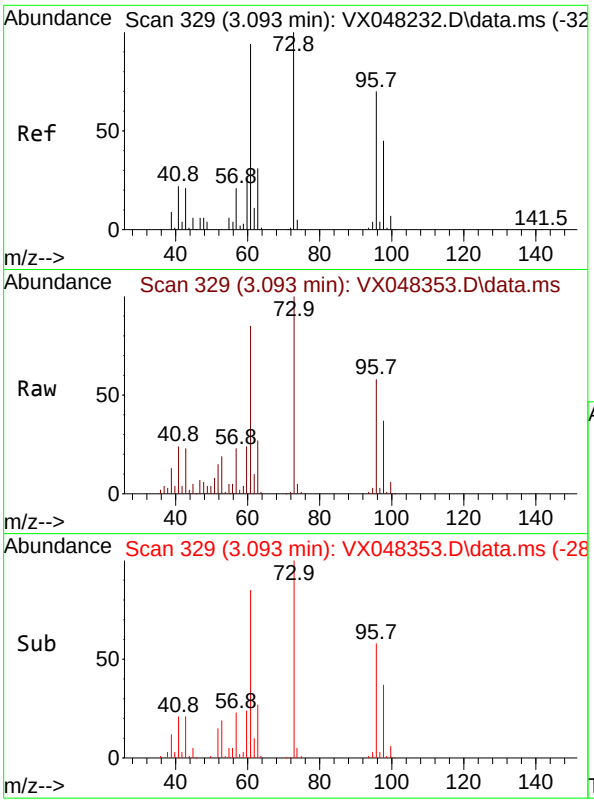




#20
Methylene Chloride
Concen: 48.781 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 84 Resp: 78803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 127.8 | 104.1 | 156.1 |
| 51 | 38.5 | 31.3 | 46.9 |
| 86 | 62.0 | 51.3 | 76.9 |



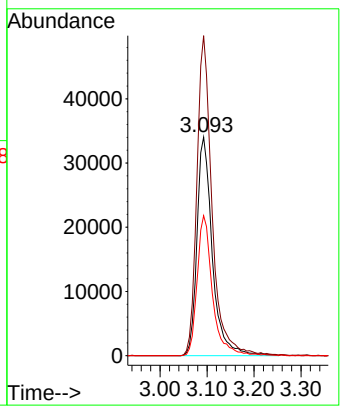


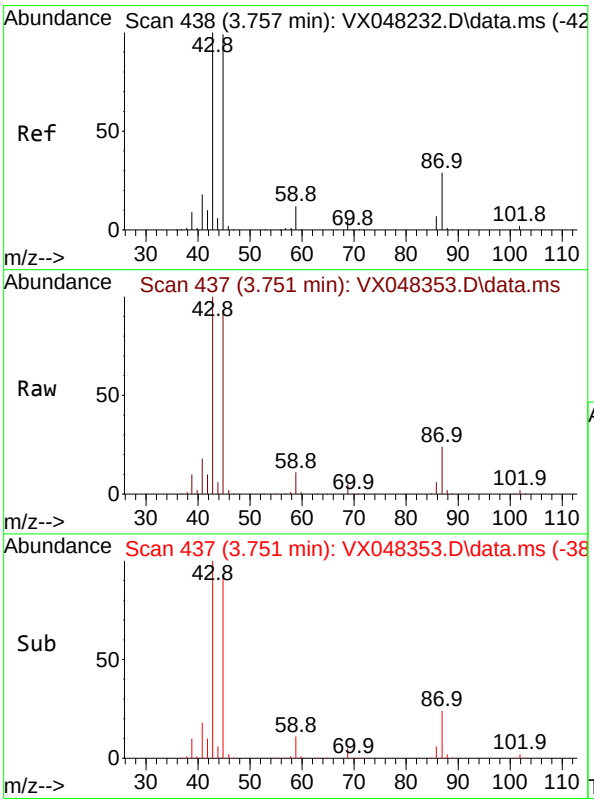

#21
trans-1,2-Dichloroethene
Concen: 48.846 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 77645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.4 | 111.9 | 167.9 |
| 98 | 66.3 | 51.2 | 76.8 |

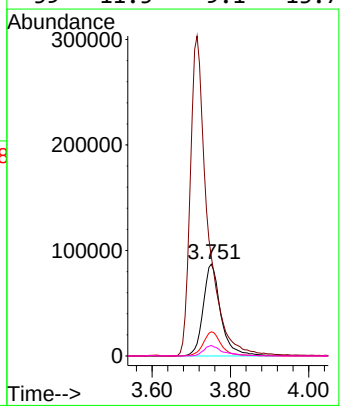


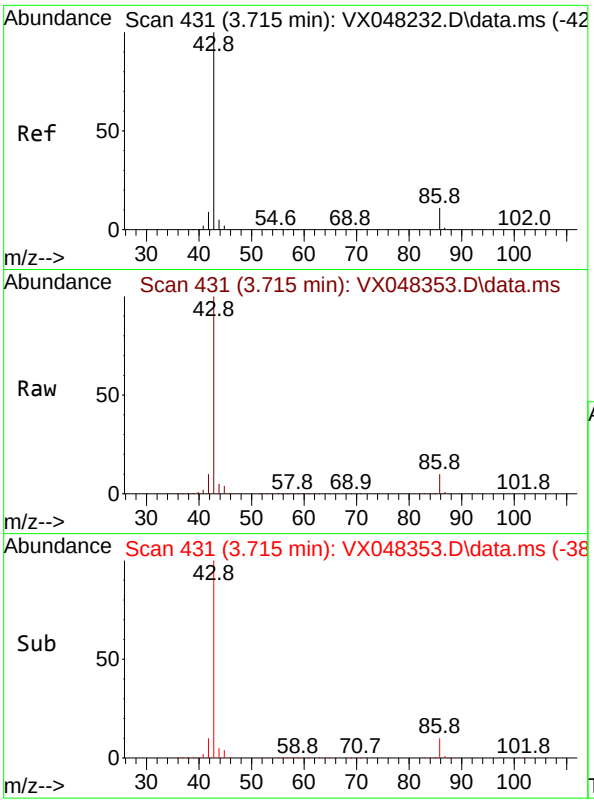




#22
Diisopropyl ether
Concen: 56.729 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 45 Resp: 271845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 107.3 | 89.8 | 134.8 |
| 87 | 26.3 | 20.6 | 31.0 |
| 59 | 11.5 | 9.1 | 13.7 |



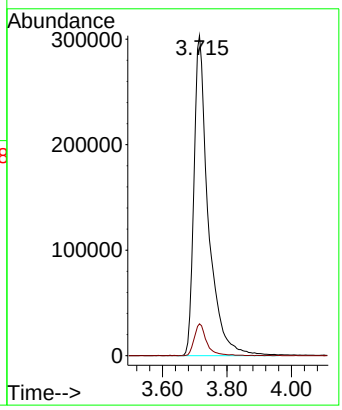


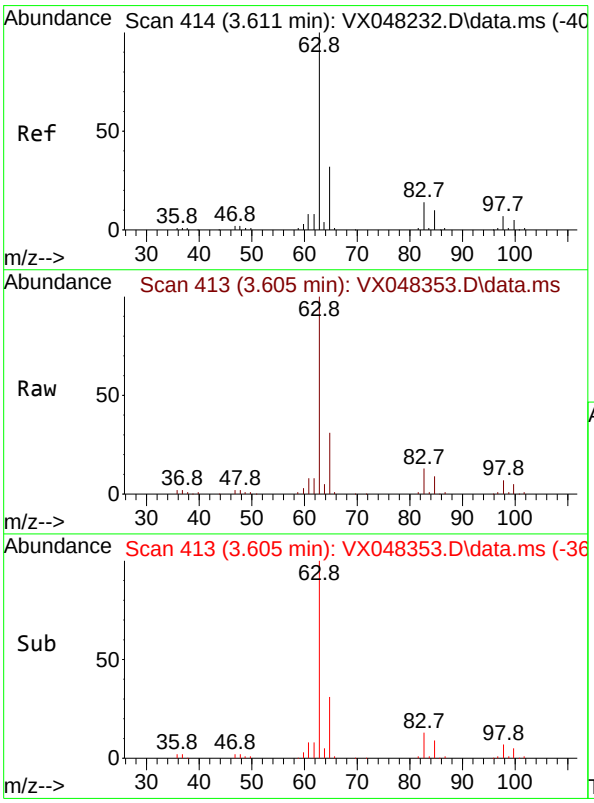

#23
Vinyl Acetate
Concen: 245.353 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 939179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.9 | 7.9 | 11.9 |

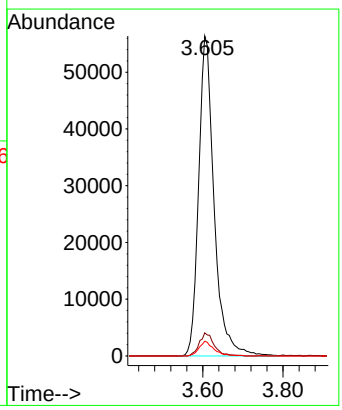


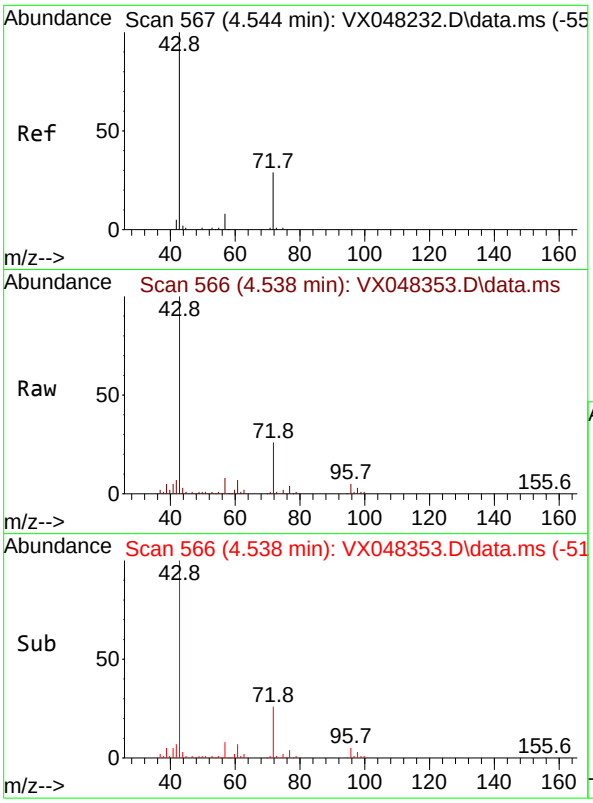




#24
1,1-Dichloroethane
Concen: 52.017 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 63 Resp: 150722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.3 | 3.5 | 10.6 |
| 100 | 4.6 | 2.1 | 6.3 |



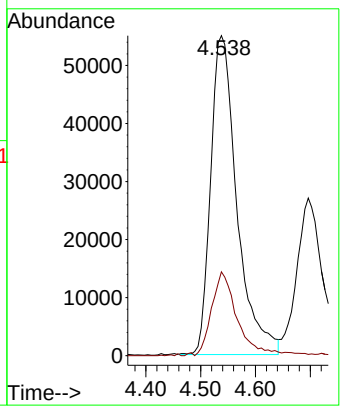


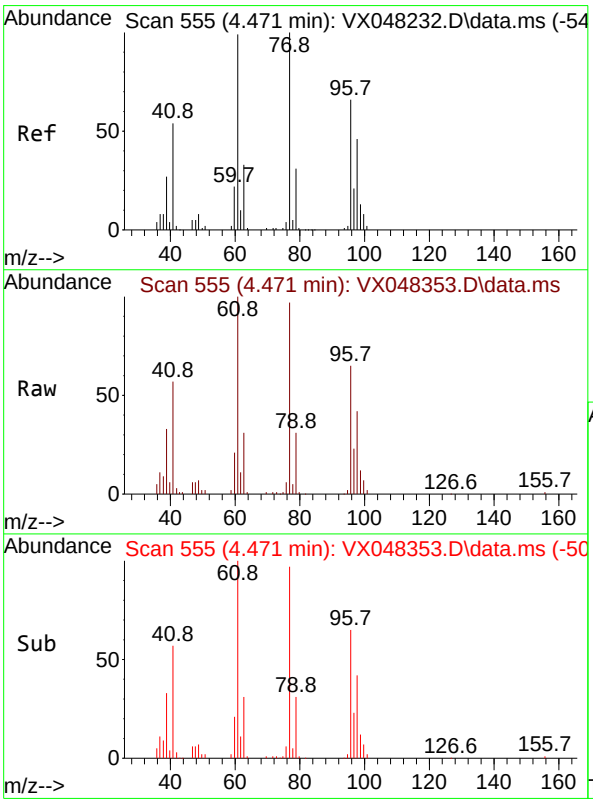

#25
2-Butanone
Concen: 217.495 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 182514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.4 | 19.9 | 29.9 |

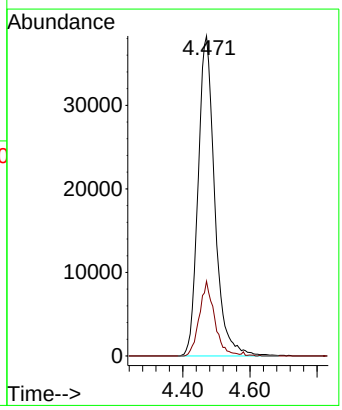


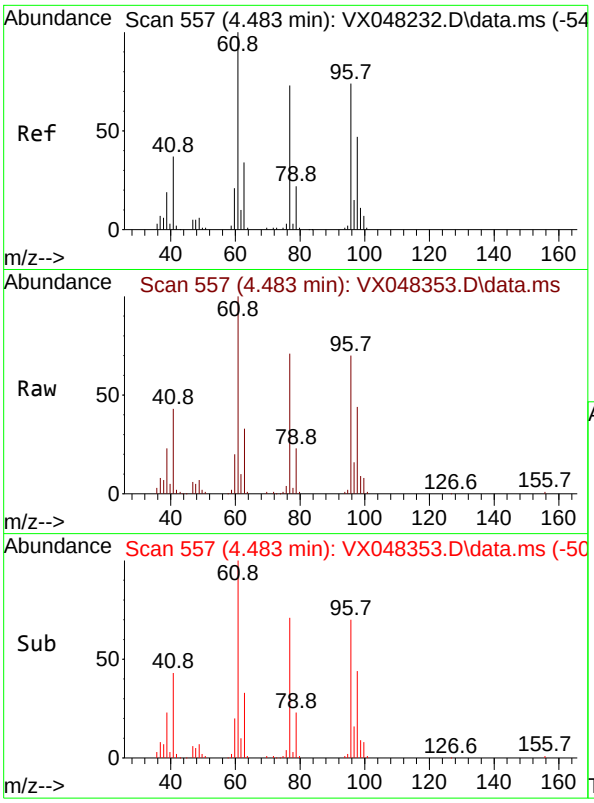




#26
2,2-Dichloropropane
Concen: 50.451 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 77 Resp: 131948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.3 | 11.1 | 33.3 |



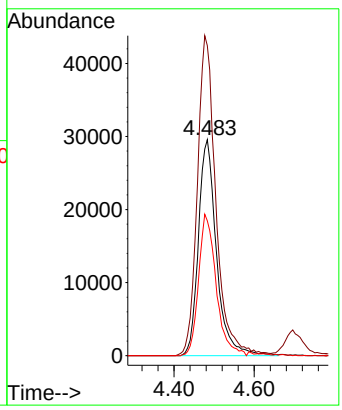


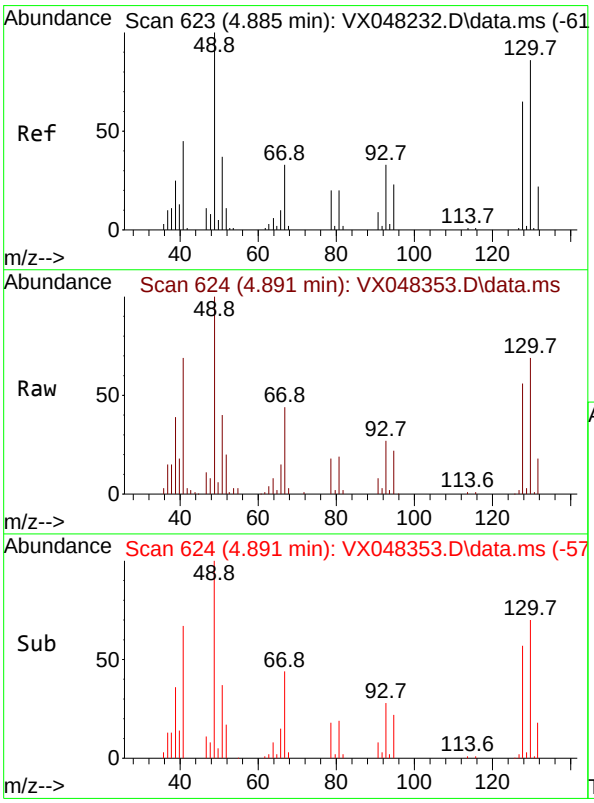

#27
cis-1,2-Dichloroethene
Concen: 49.885 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 92543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.1 | 0.0 | 294.2 |
| 98 | 63.6 | 0.0 | 128.4 |

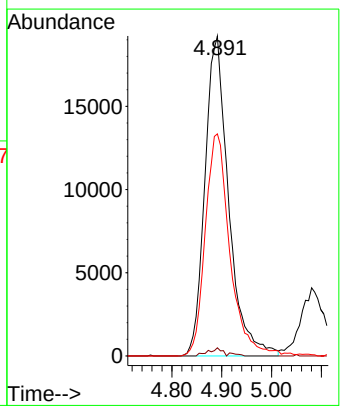


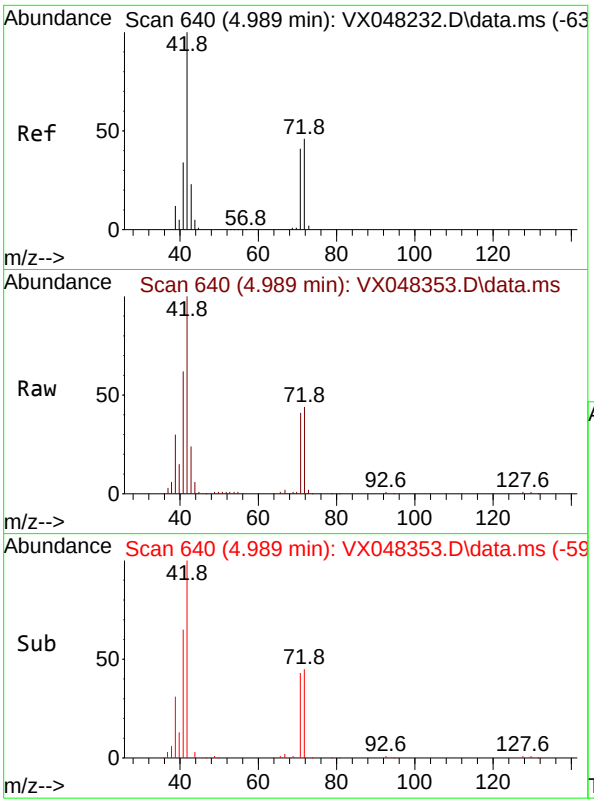




#28
Bromochloromethane
Concen: 52.749 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 49 Resp: 63375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.4 | 0.0 | 4.4 |
| 130 | 72.3 | 59.3 | 88.9 |



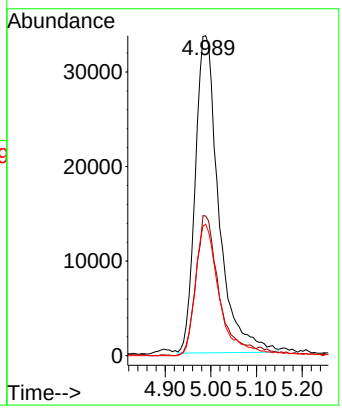


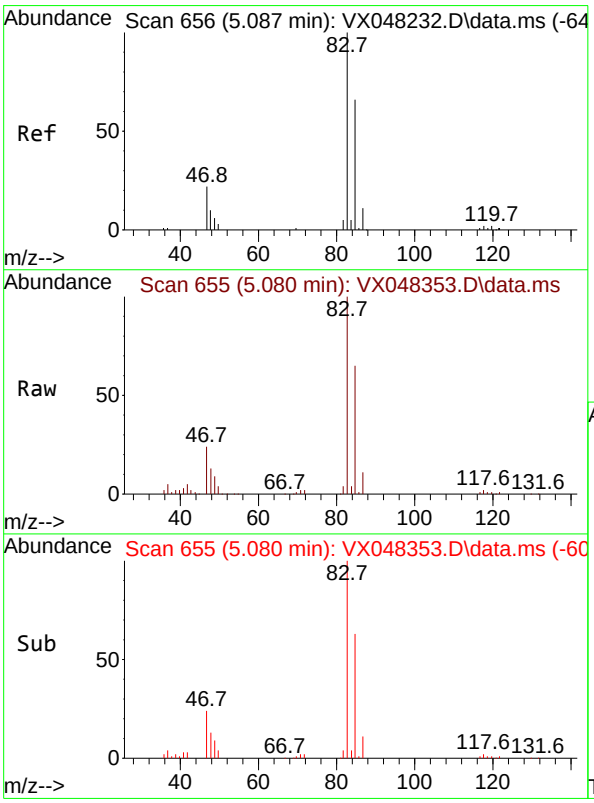

#29
Tetrahydrofuran
Concen: 239.119 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 42 Resp: 120176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 43.5 | 35.3 | 52.9 |
| 71 | 42.1 | 32.2 | 48.4 |

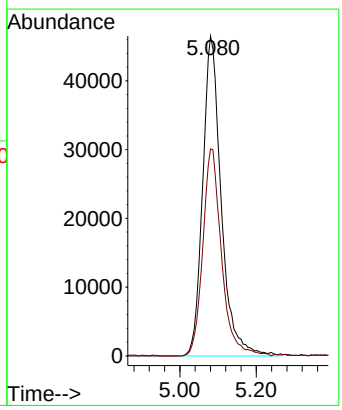


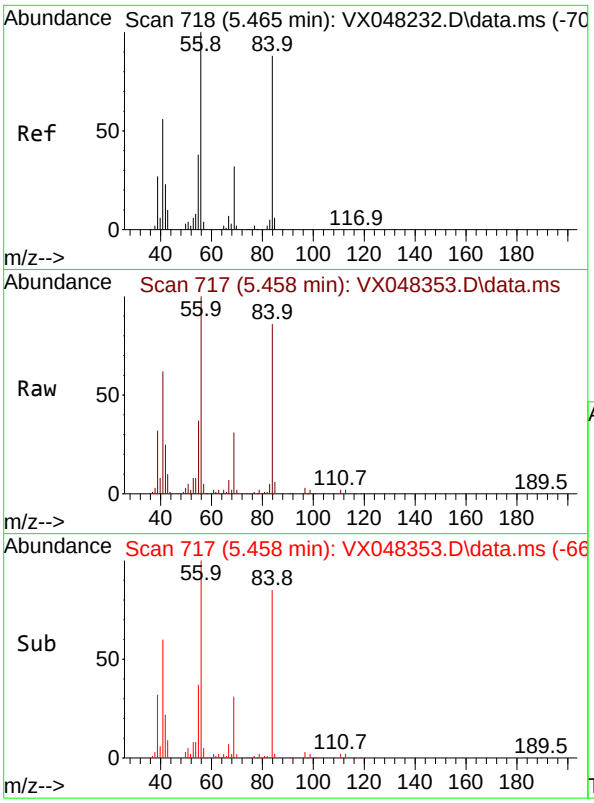




#30
Chloroform
Concen: 50.495 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 83 Resp: 156317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 50.1 | 75.1 |



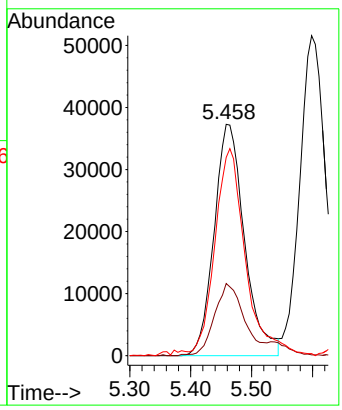


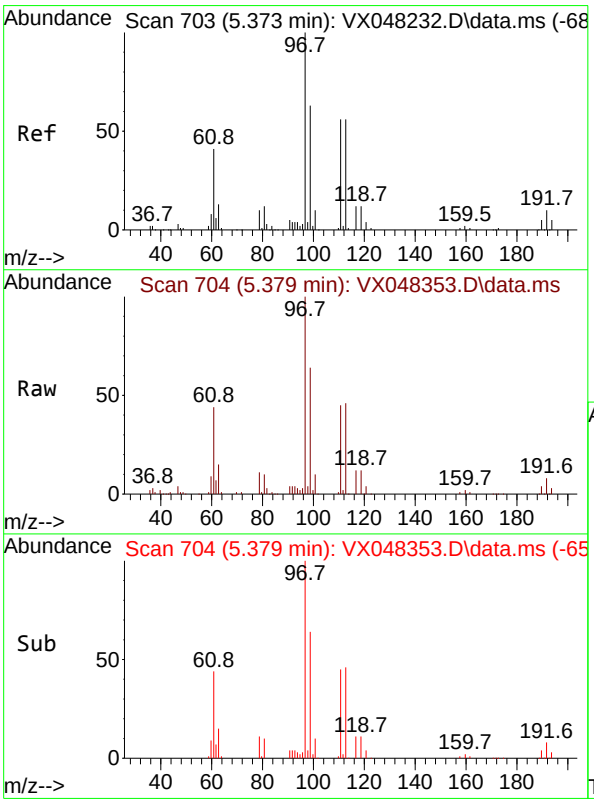

#31
Cyclohexane
Concen: 53.842 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 129162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.5 | 23.0 | 34.6 |
| 84 | 84.0 | 64.6 | 97.0 |

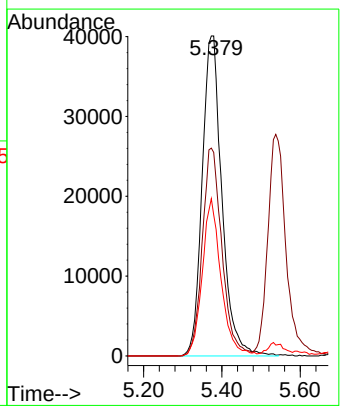


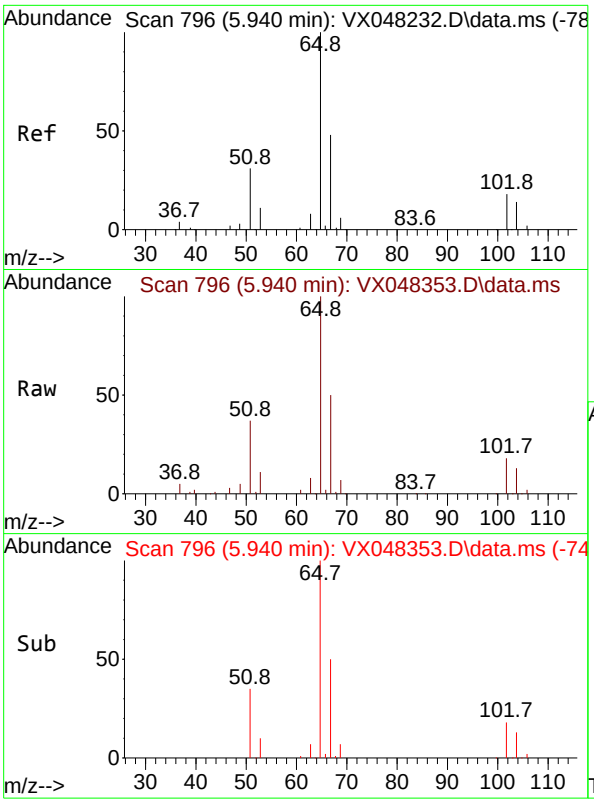




#32
1,1,1-Trichloroethane
Concen: 49.248 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 97 Resp: 140509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 51.7 | 77.5 |
| 61 | 46.6 | 34.8 | 52.2 |



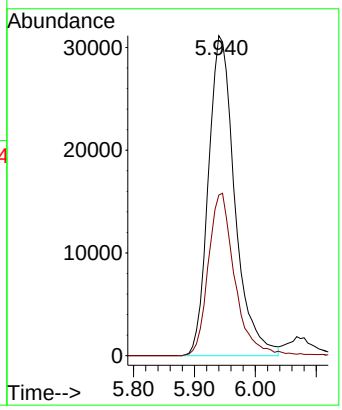


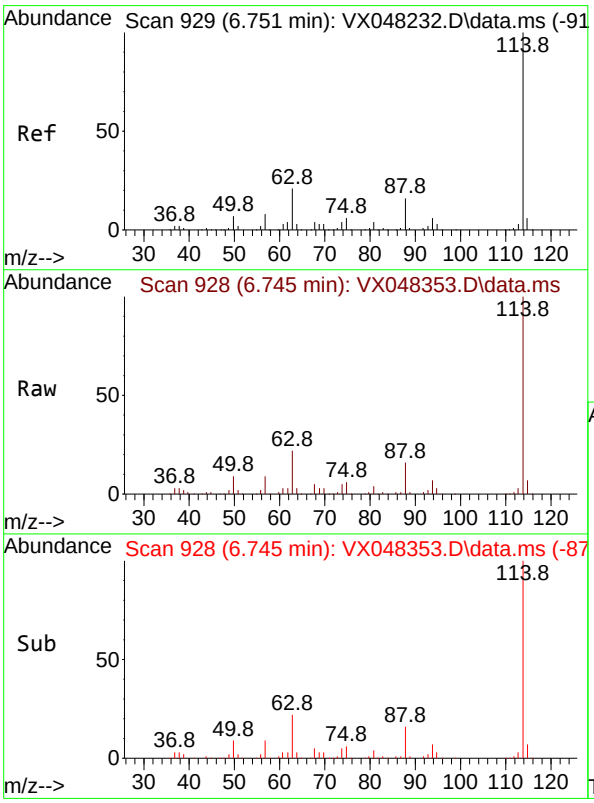

#33
1,2-Dichloroethane-d4
Concen: 48.565 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 65 Resp: 93855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.1 | 0.0 | 105.0 |

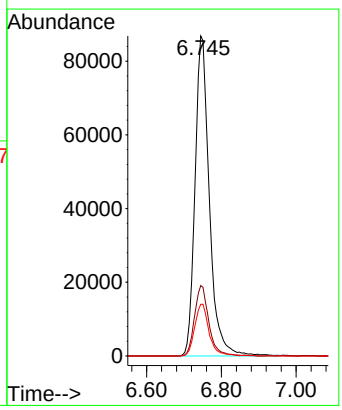


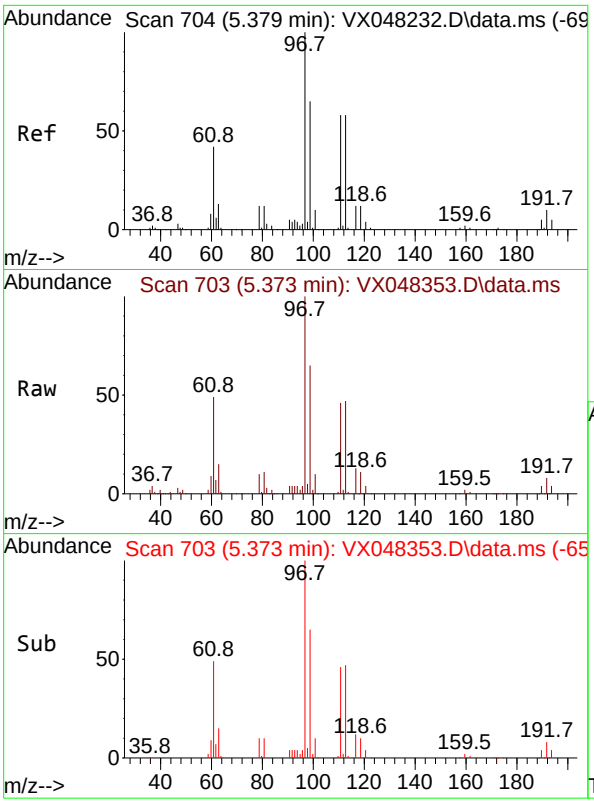




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:114 Resp: 230908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.0 | 0.0 | 43.2 |
| 88 | 16.2 | 0.0 | 33.6 |



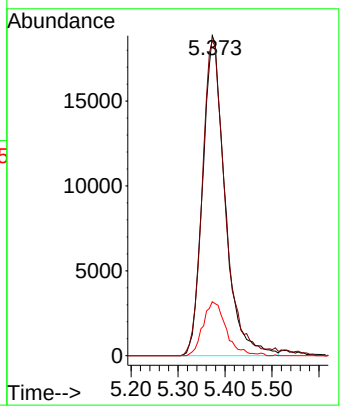


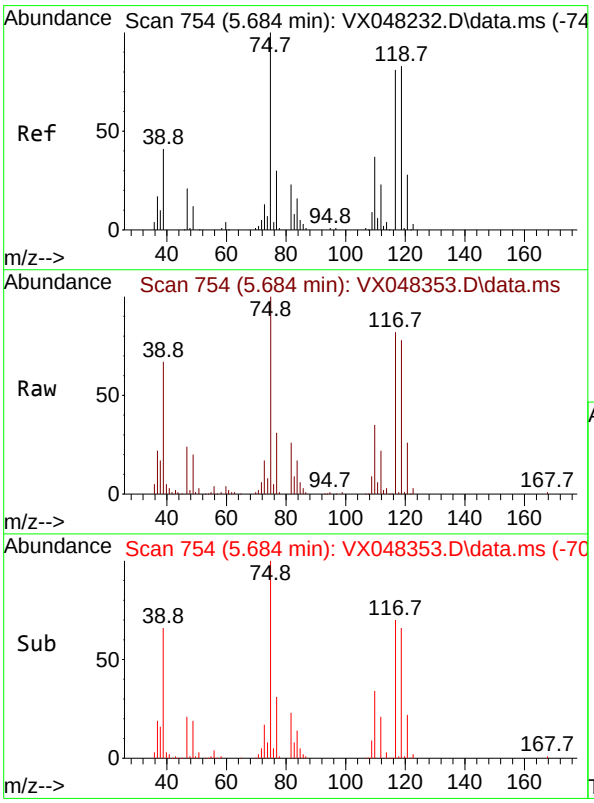

#35
Dibromofluoromethane
Concen: 39.419 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:113 Resp: 62140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.3 | 82.2 | 123.4 |
| 192 | 17.4 | 15.1 | 22.7 |

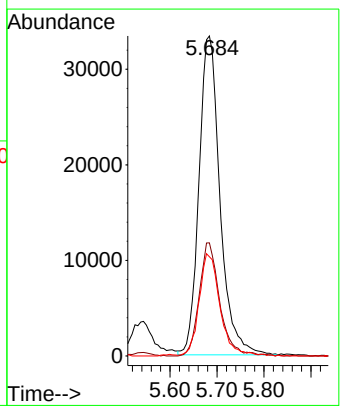


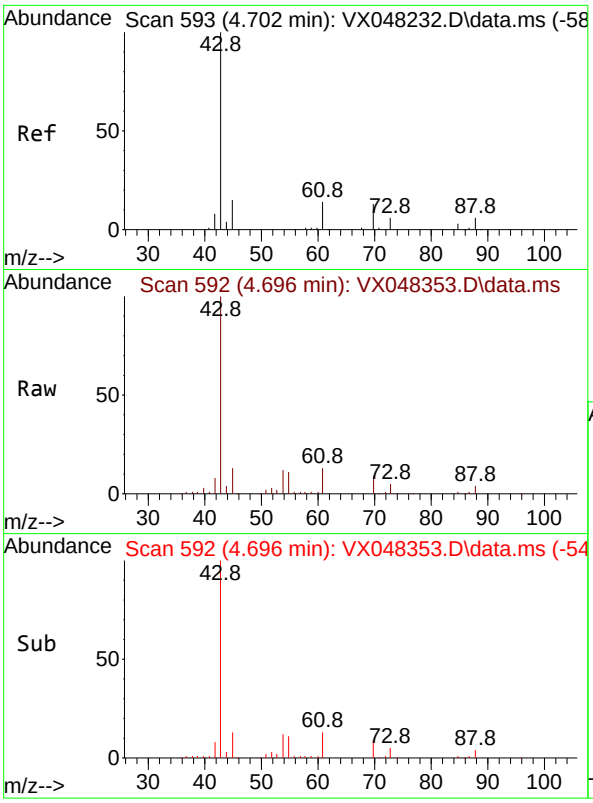




#36
1,1-Dichloropropene
Concen: 46.369 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 103893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.6 | 17.7 | 53.1 |
| 77 | 30.7 | 24.3 | 36.5 |



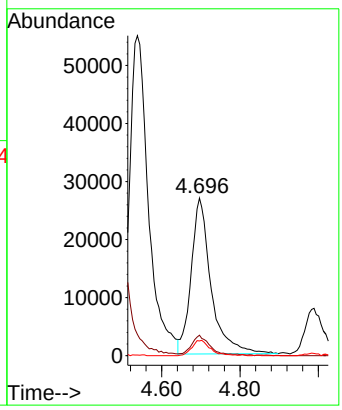


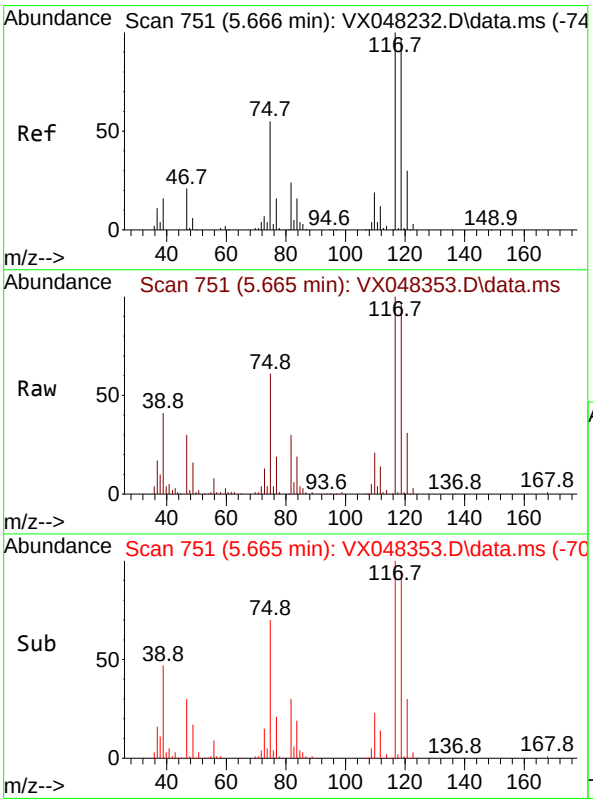

#37
Ethyl Acetate
Concen: 51.057 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 94821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.7 | 10.6 | 15.8 |
| 70 | 9.0 | 7.8 | 11.6 |

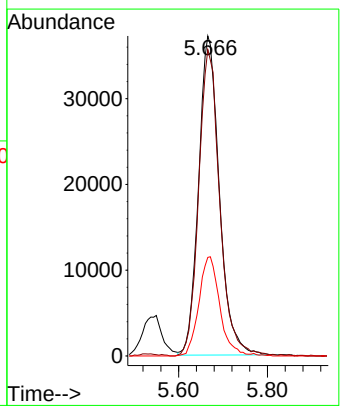


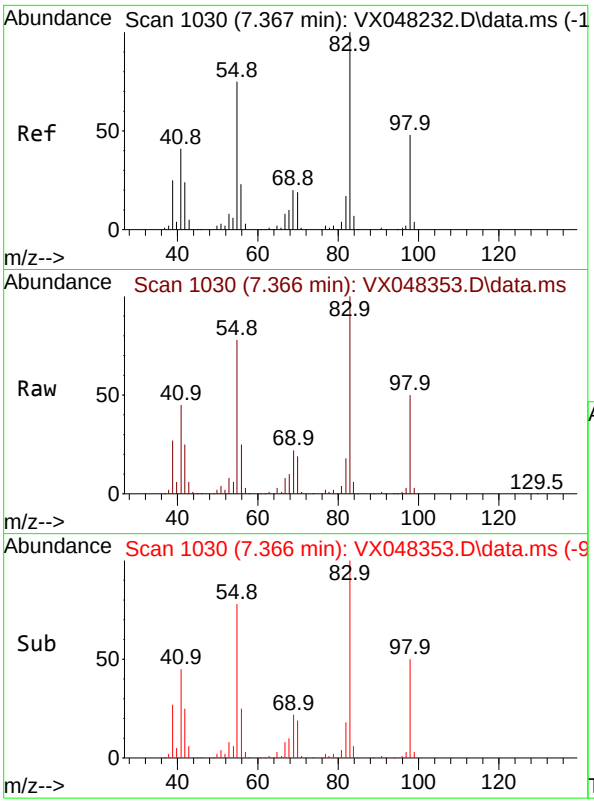




#38
Carbon Tetrachloride
Concen: 43.846 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:117 Resp: 121202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.9 | 77.2 | 115.8 |
| 121 | 30.9 | 24.8 | 37.2 |



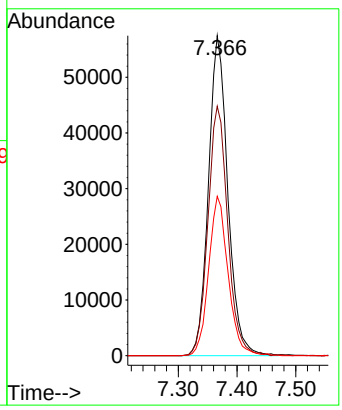


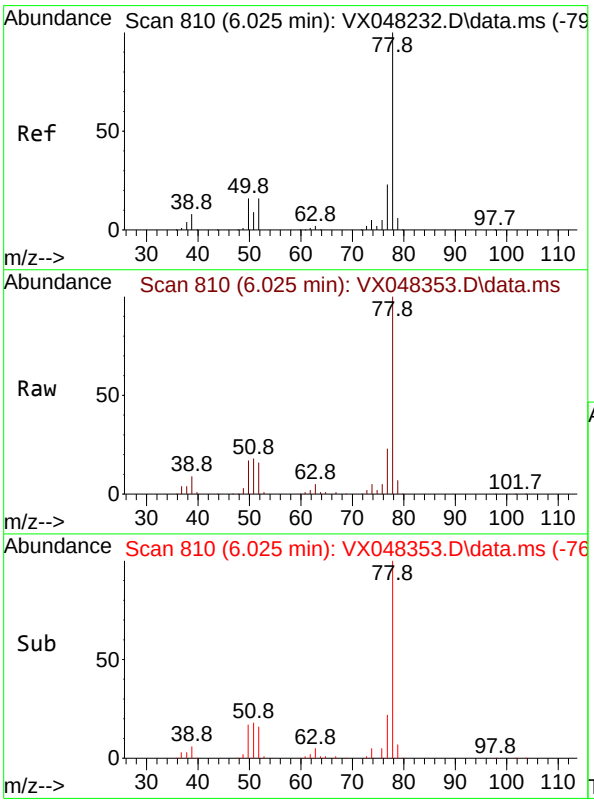

#39
Methylcyclohexane
Concen: 49.732 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 131596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 78.0 | 66.2 | 99.2 |
| 98 | 49.8 | 38.9 | 58.3 |

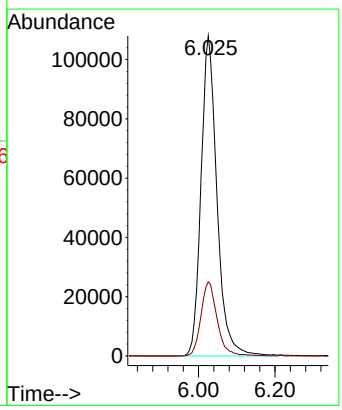


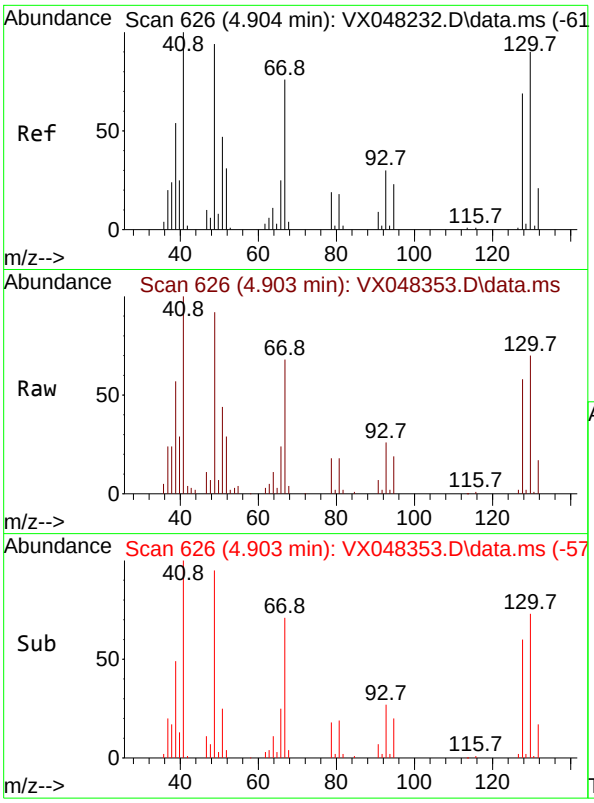




#40
Benzene
Concen: 47.991 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 78 Resp: 312187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.1 | 19.3 | 28.9 |



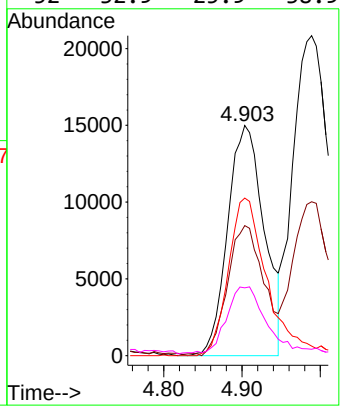


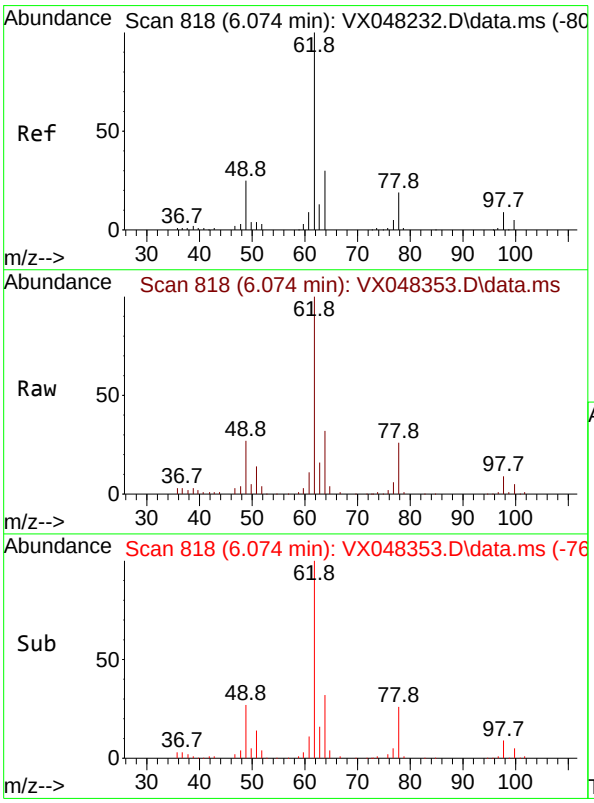

#41
Methacrylonitrile
Concen: 49.974 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 41 Resp: 48739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.3 | 44.0 | 66.0 |
| 67 | 72.8 | 58.7 | 88.1 |
| 52 | 32.9 | 25.9 | 38.9 |

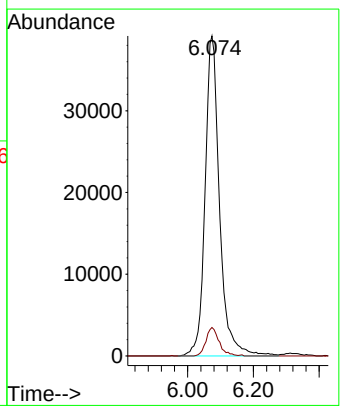


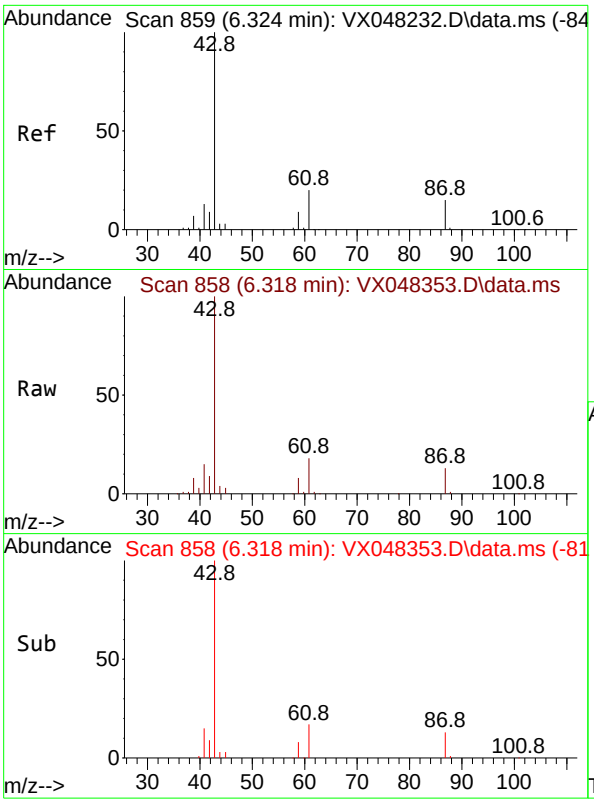




#42
1,2-Dichloroethane
Concen: 49.865 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 62 Resp: 119697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.1 | 0.0 | 17.2 |



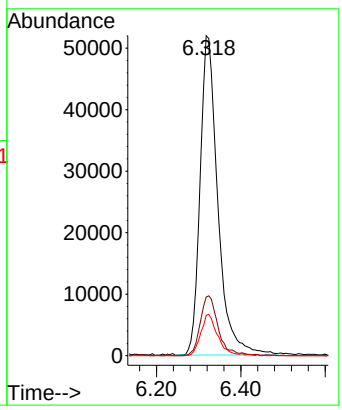


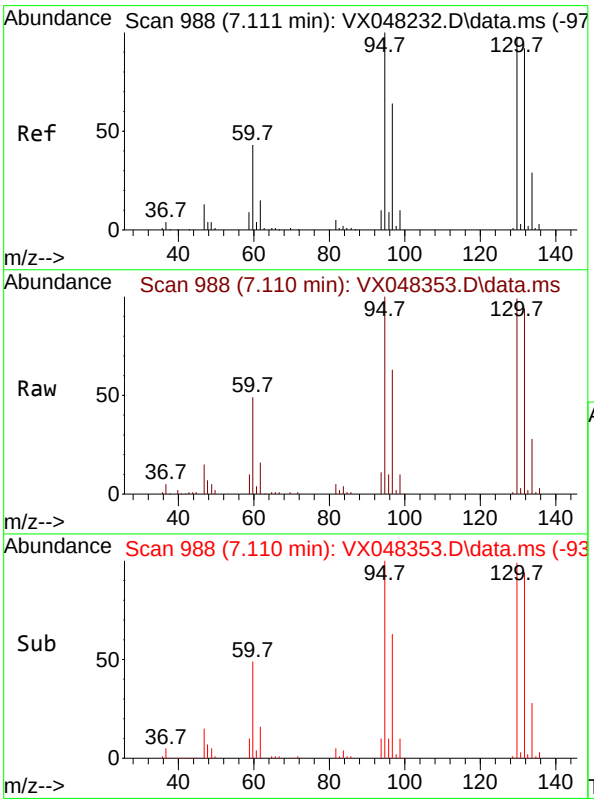

#43
Isopropyl Acetate
Concen: 49.940 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 152346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.9 | 14.9 | 22.3 |
| 87 | 12.3 | 9.4 | 14.2 |

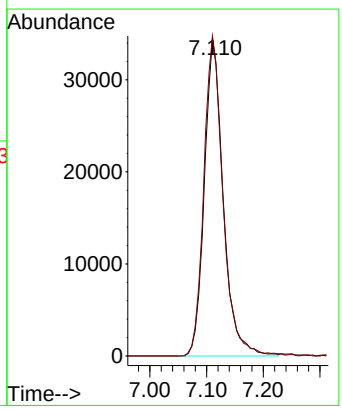


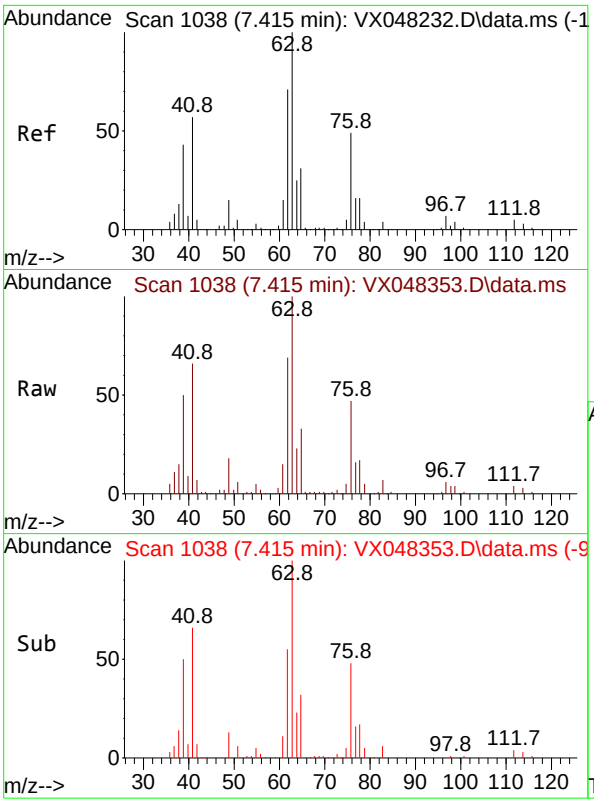




#44
Trichloroethene
Concen: 46.488 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:130 Resp: 79852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 100.8 | 0.0 | 200.6 |



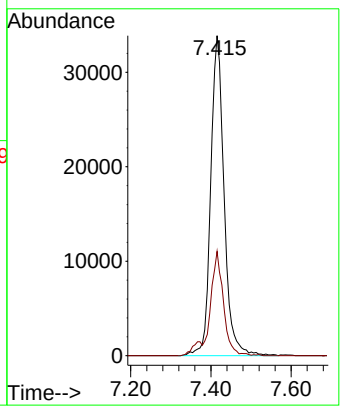


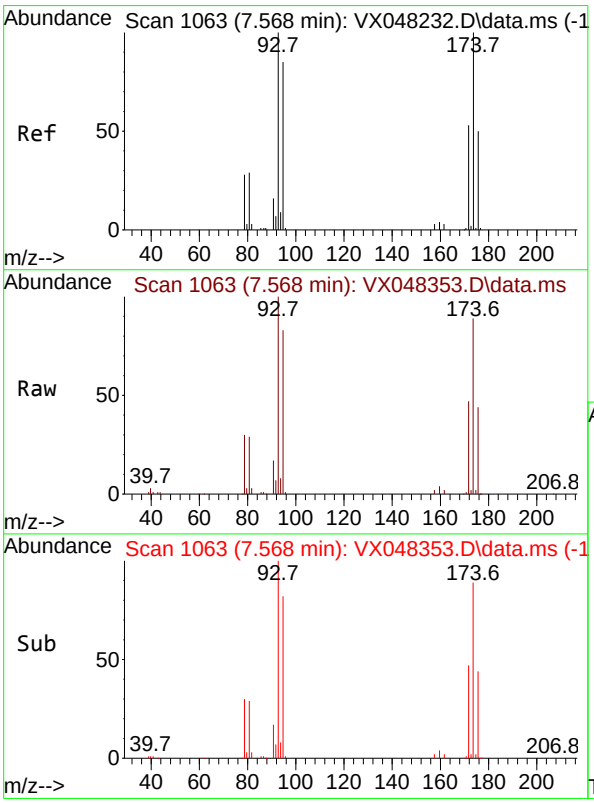

#45
1,2-Dichloropropane
Concen: 50.904 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 63 Resp: 78729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.6 | 24.1 | 36.1 |

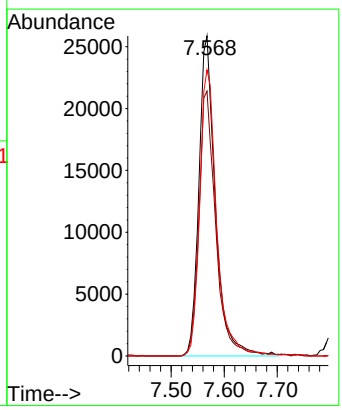


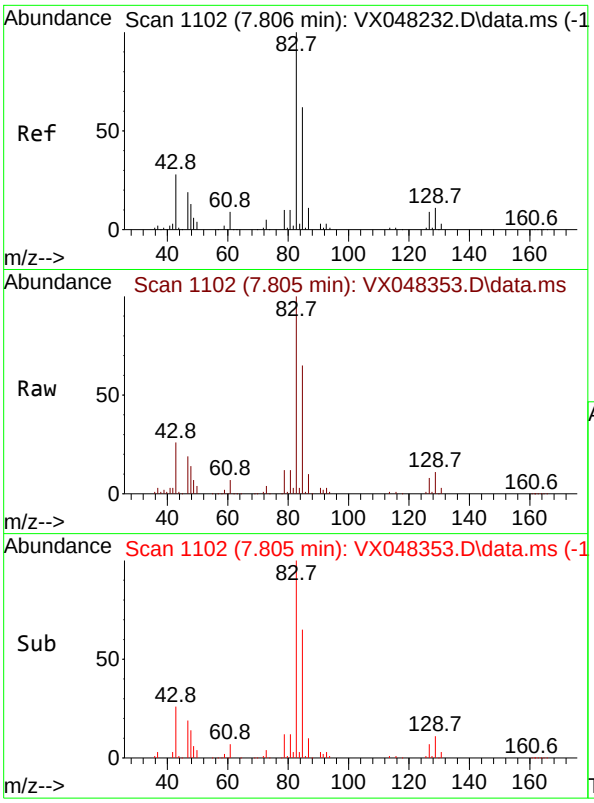




#46
Dibromomethane
Concen: 46.488 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 93 Resp: 56015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.0 | 65.9 | 98.9 |
| 174 | 92.2 | 71.7 | 107.5 |



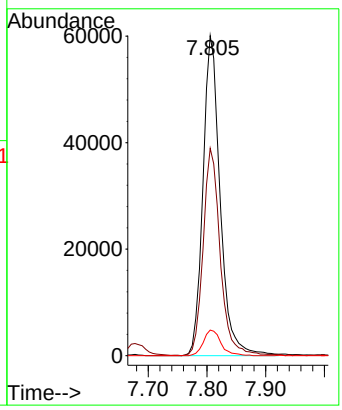


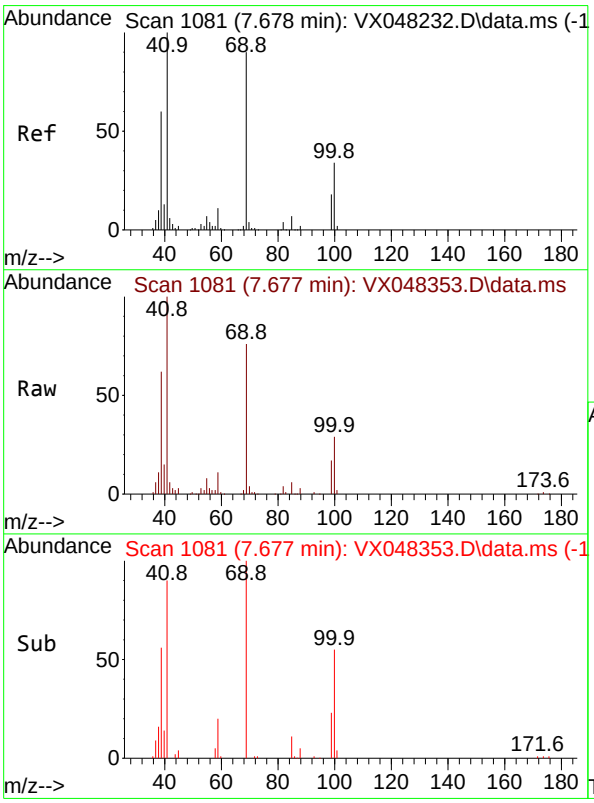

#47
Bromodichloromethane
Concen: 47.075 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 122472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.6 | 52.2 | 78.4 |
| 127 | 8.0 | 7.3 | 10.9 |

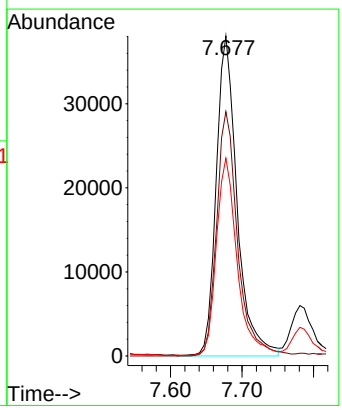


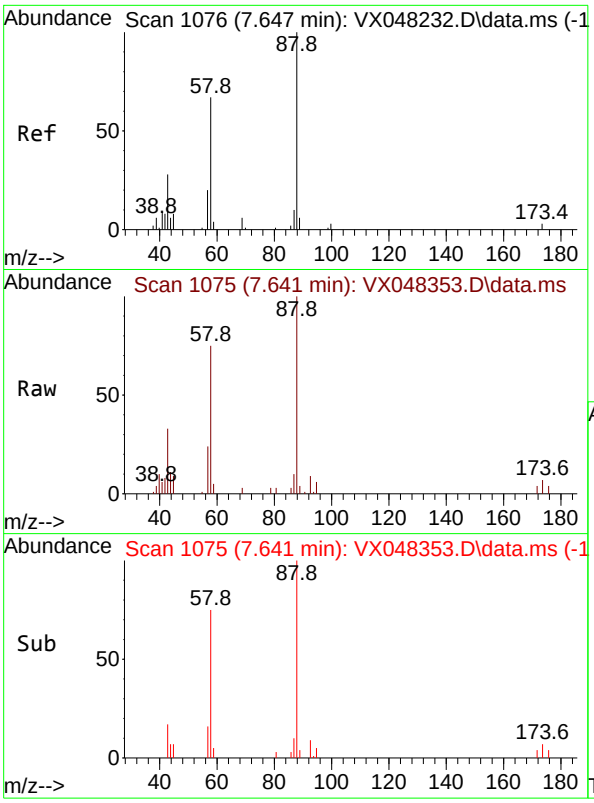




#48
Methyl methacrylate
Concen: 50.123 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 41 Resp: 77157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 76.8 | 63.4 | 95.0 |
| 39 | 61.4 | 47.1 | 70.7 |



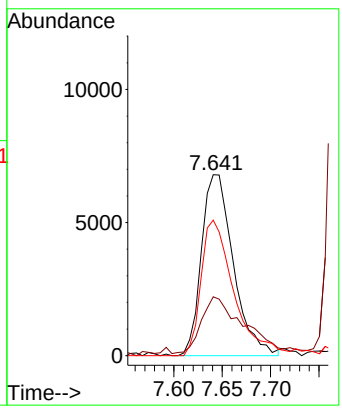


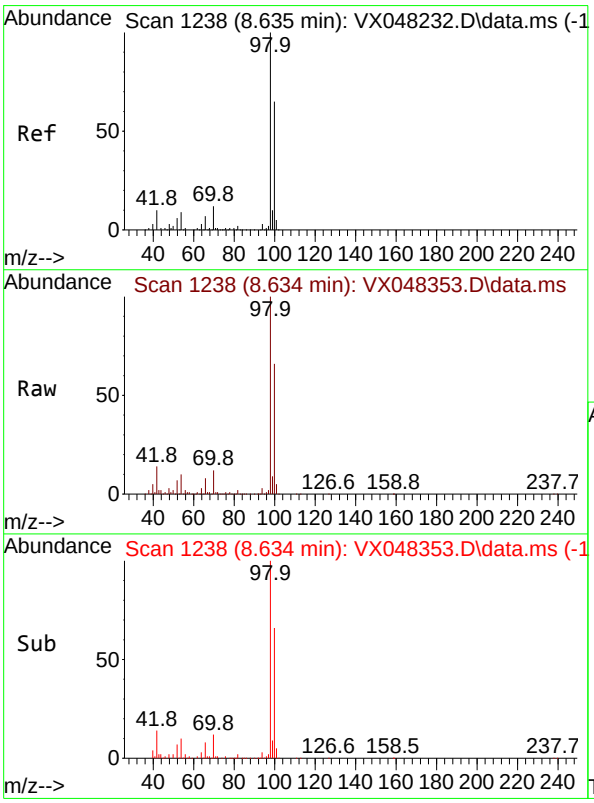

#49
1,4-Dioxane
Concen: 767.869 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 88 Resp: 15616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 40.1 | 35.0 | 52.4 |
| 58 | 76.7 | 61.9 | 92.9 |

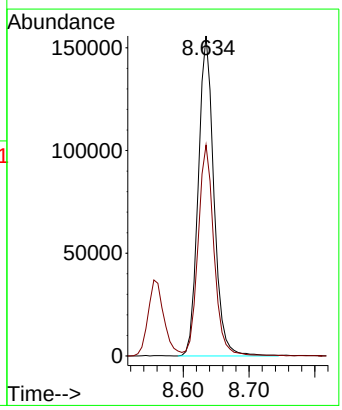


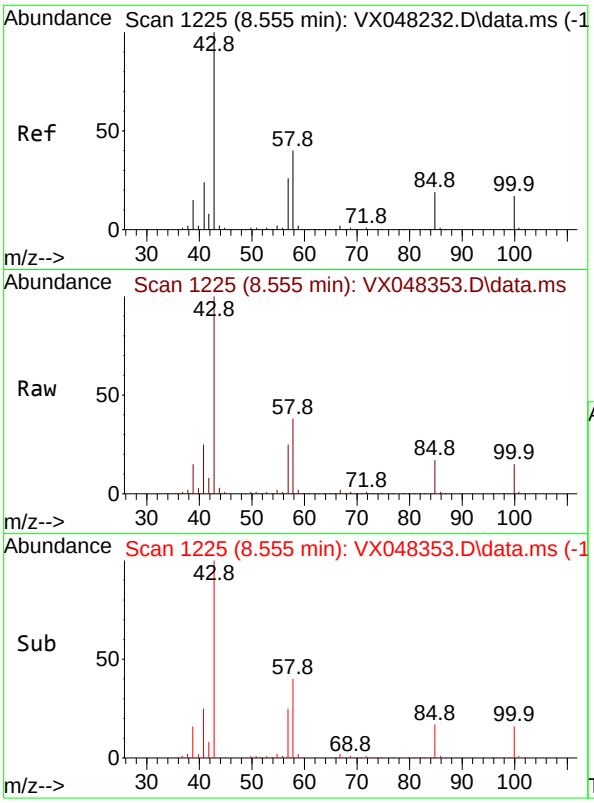




#50
Toluene-d8
Concen: 46.661 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 98 Resp: 257823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.7 | 53.0 | 79.4 |



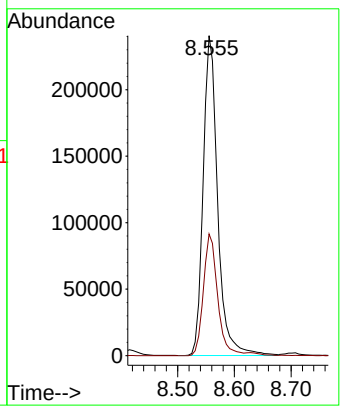


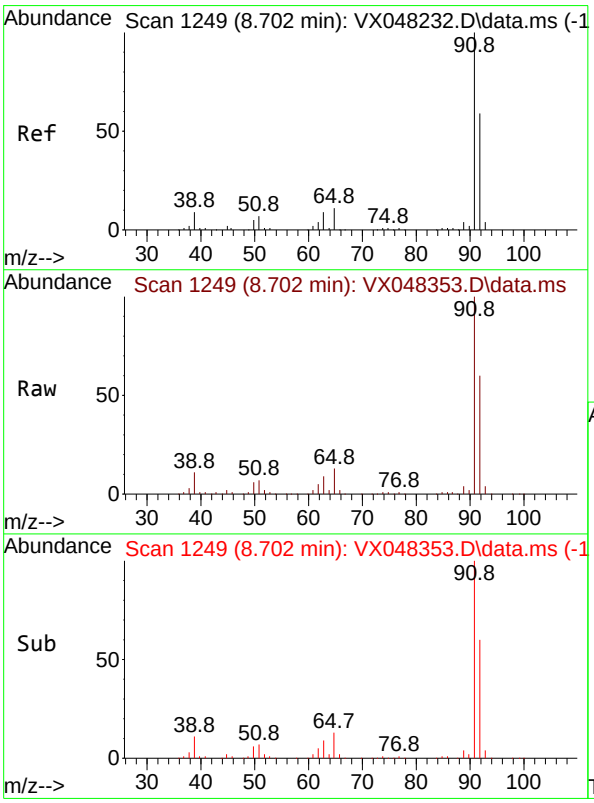

#51
4-Methyl-2-Pentanone
Concen: 242.909 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 427244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.2 | 29.5 | 44.3 |

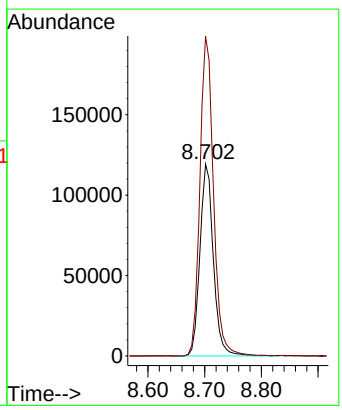


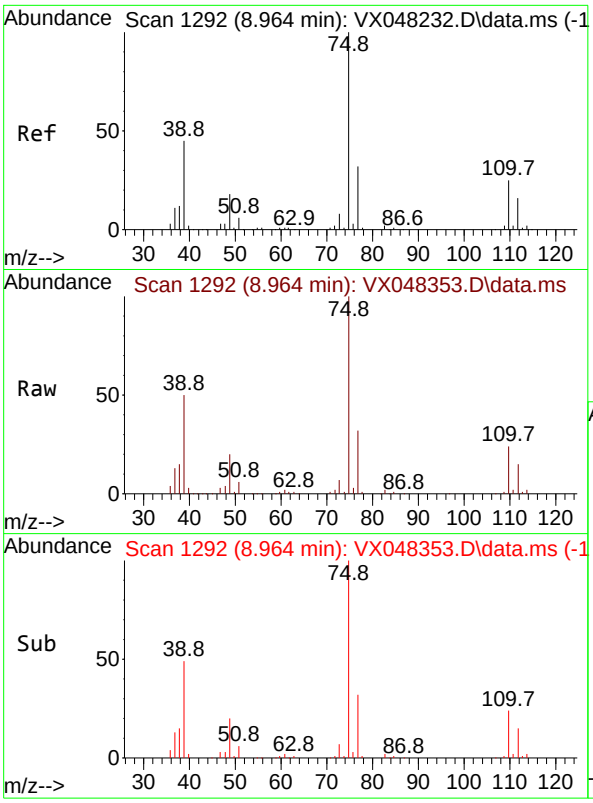




#52
Toluene
Concen: 47.417 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 92 Resp: 195954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.4 | 136.1 | 204.1 |



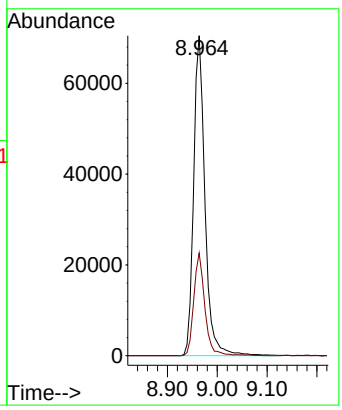


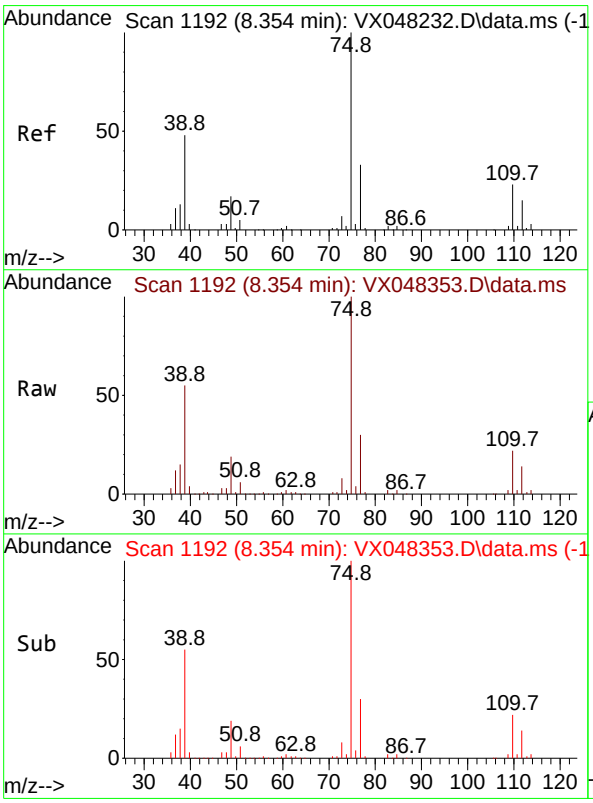

#53
t-1,3-Dichloropropene
Concen: 44.482 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 111521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 25.0 | 37.6 |

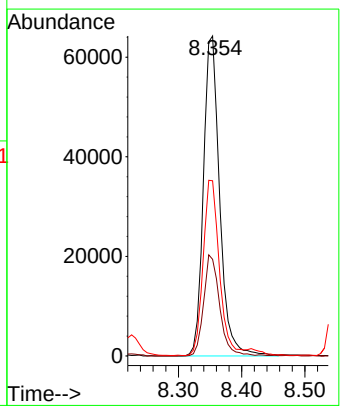


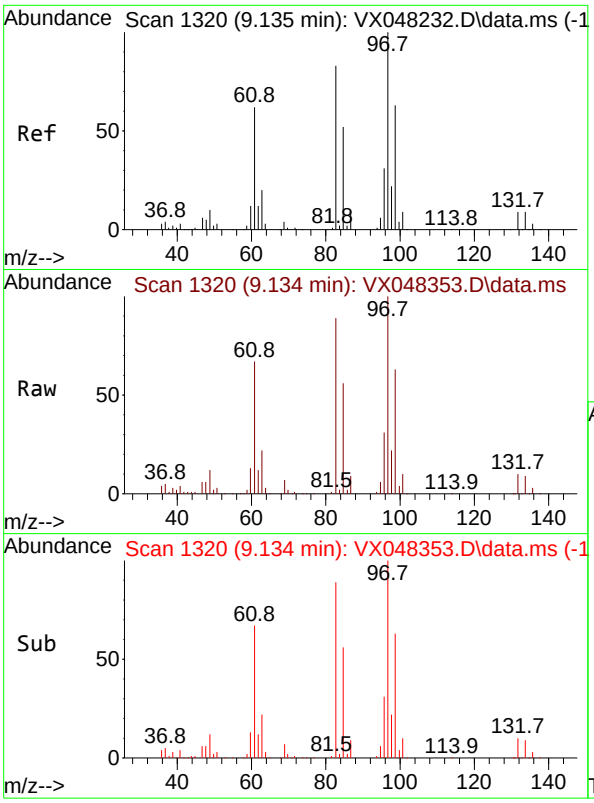




#54
cis-1,3-Dichloropropene
Concen: 42.583 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 115185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.2 | 24.9 | 37.3 |
| 39 | 54.5 | 42.6 | 64.0 |



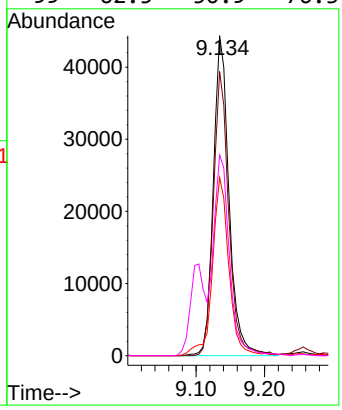


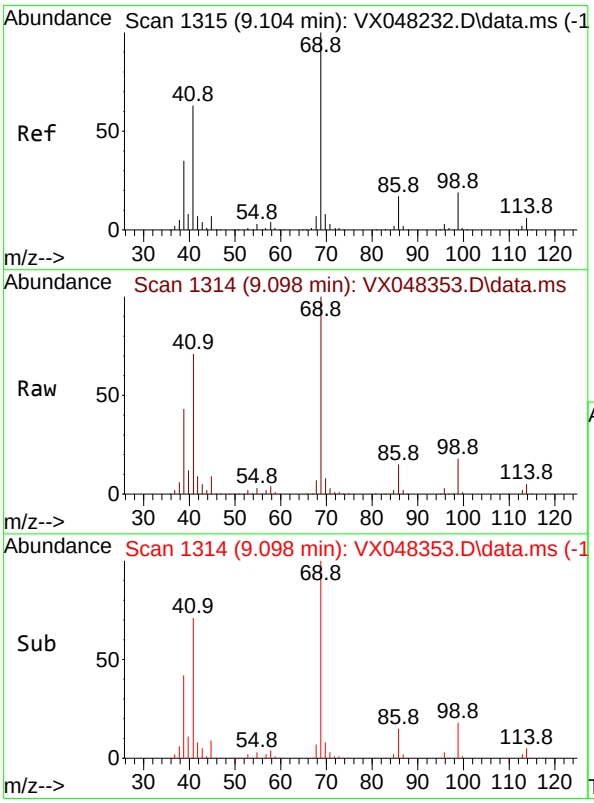

#55
1,1,2-Trichloroethane
Concen: 46.020 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 97 Resp: 70725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 88.8 | 70.6 | 105.8 |
| 85 | 55.7 | 45.0 | 67.6 |
| 99 | 62.5 | 50.9 | 76.3 |

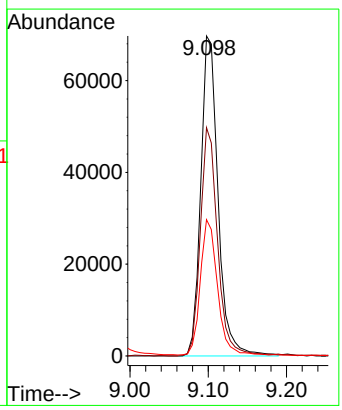


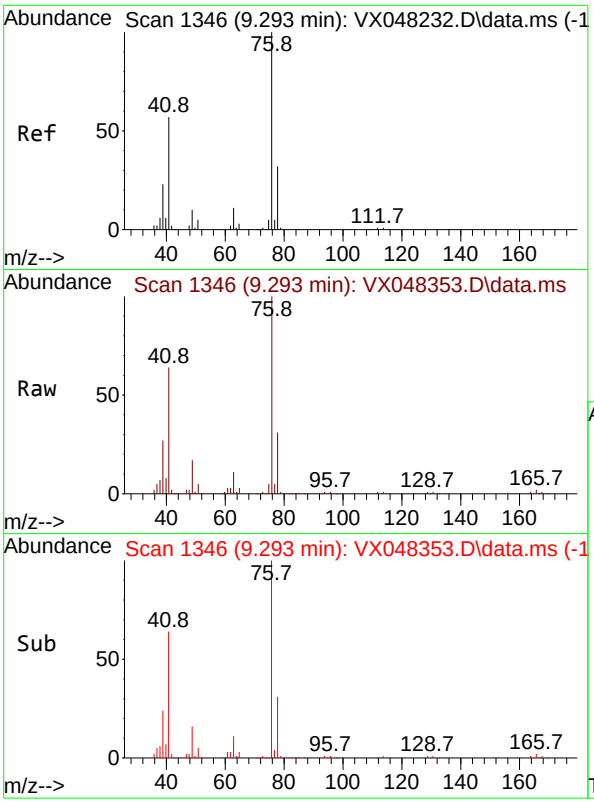




#56
Ethyl methacrylate
Concen: 47.538 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 69 Resp: 106860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 71.8 | 56.0 | 84.0 |
| 39 | 42.8 | 31.6 | 47.4 |



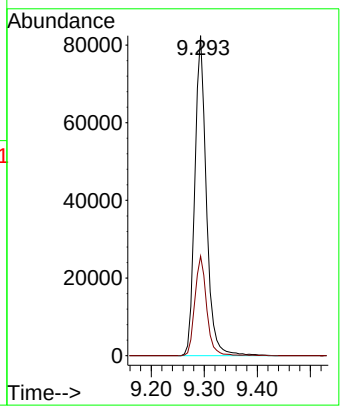


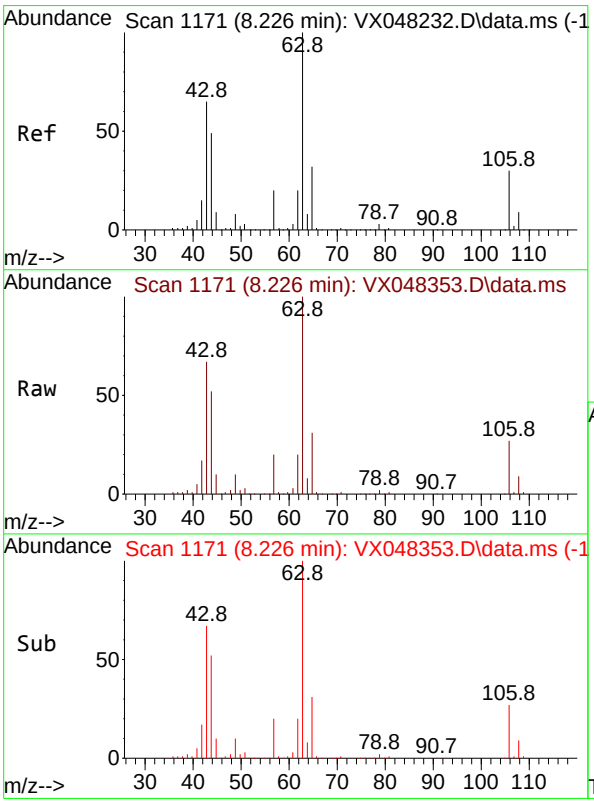

#57
1,3-Dichloropropane
Concen: 47.465 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 124600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.8 | 25.4 | 38.0 |

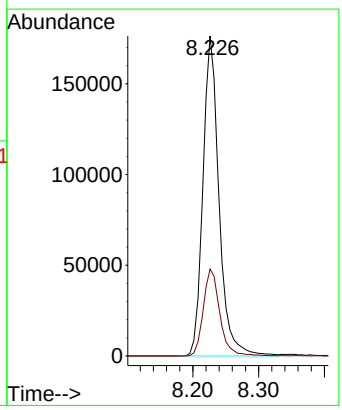


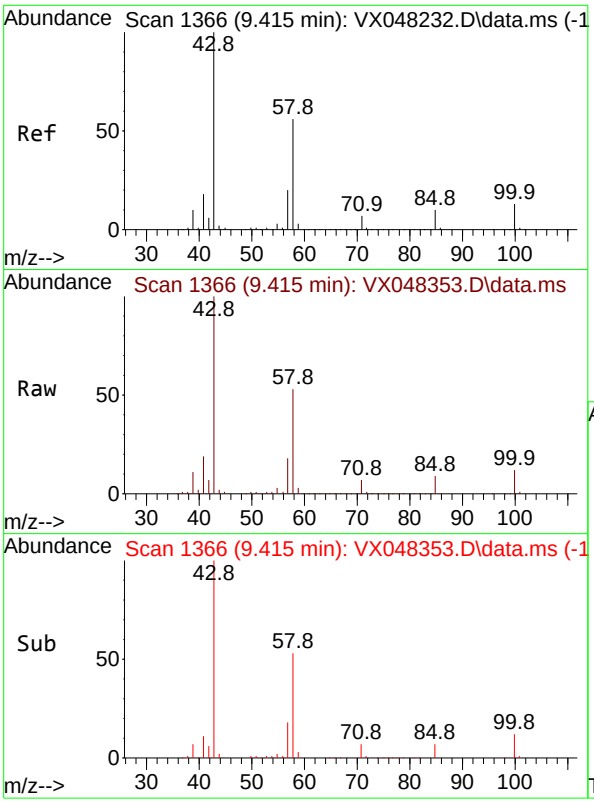




#58
2-Chloroethyl Vinyl ether
Concen: 248.040 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 63 Resp: 299785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.9 | 22.2 | 33.2 |



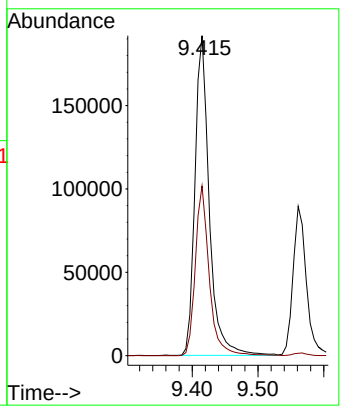


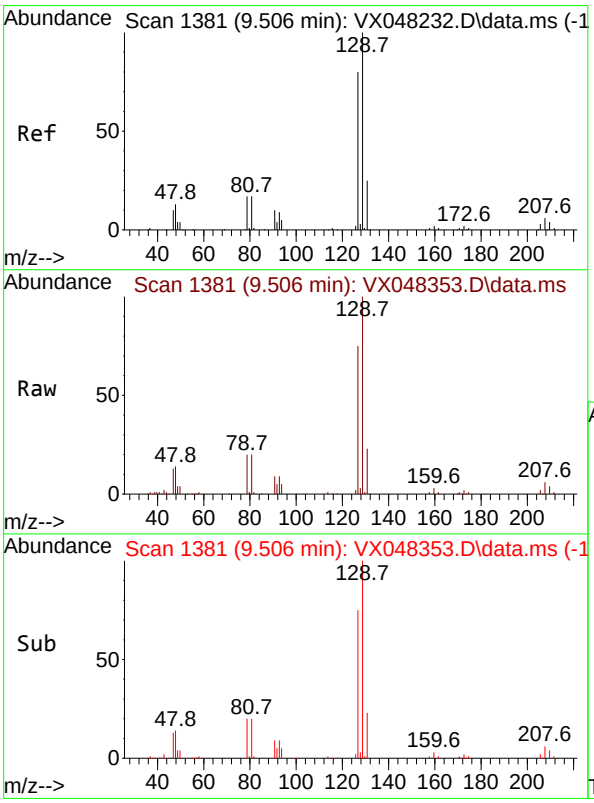

#59
2-Hexanone
Concen: 236.310 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 289819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.9 | 26.3 | 78.8 |

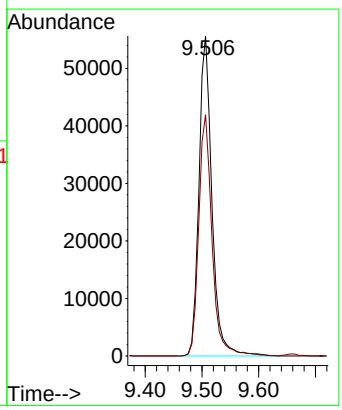


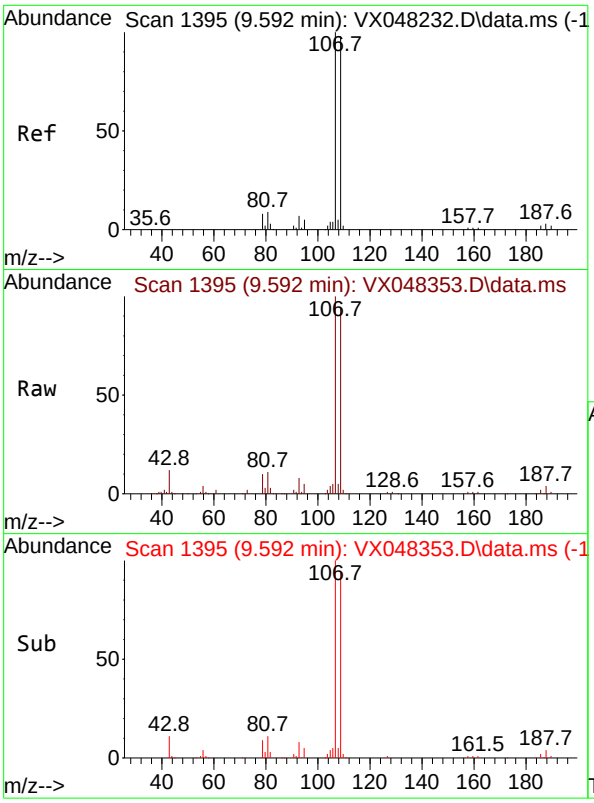




#60
Dibromochloromethane
Concen: 42.719 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:129 Resp: 88240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 38.6 | 115.7 |



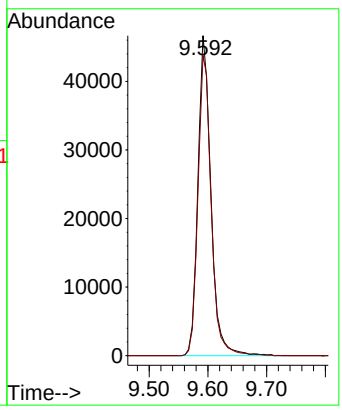


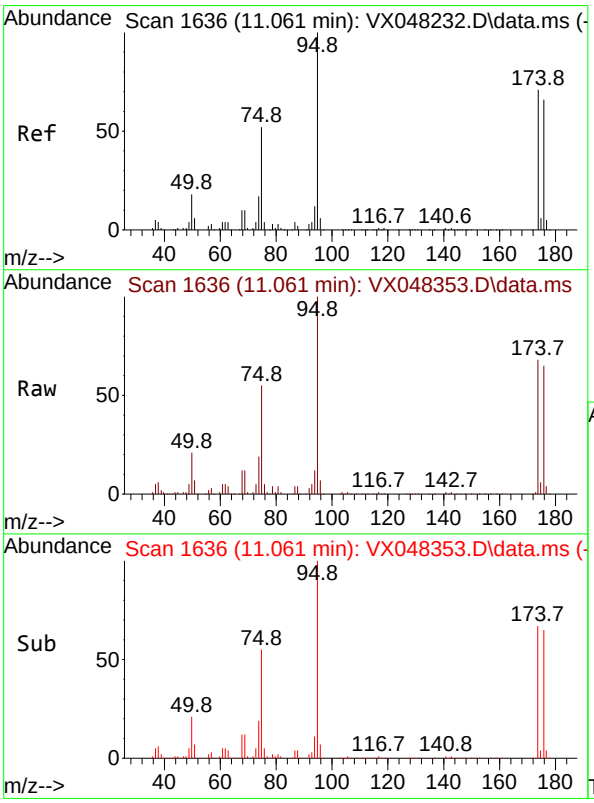

#61
1,2-Dibromoethane
Concen: 44.069 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:107 Resp: 72202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.1 | 77.0 | 115.4 |

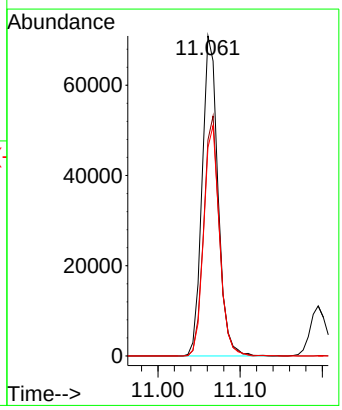


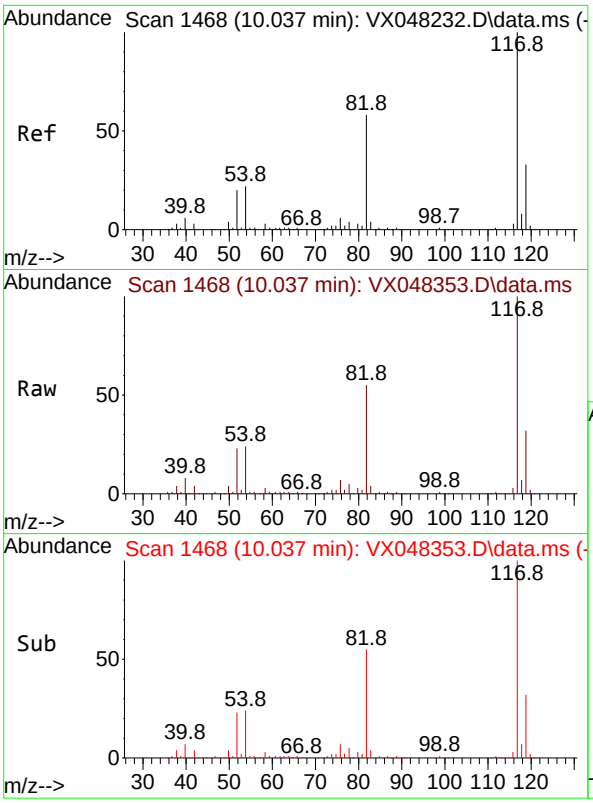




#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 95 Resp: 95120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.6 | 0.0 | 147.8 |
| 176 | 71.7 | 0.0 | 142.8 |



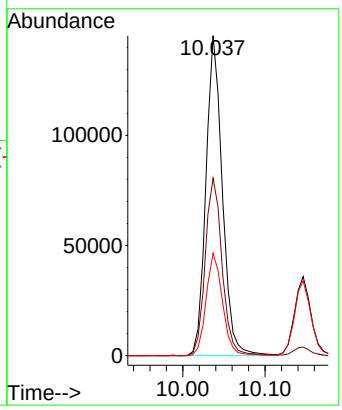


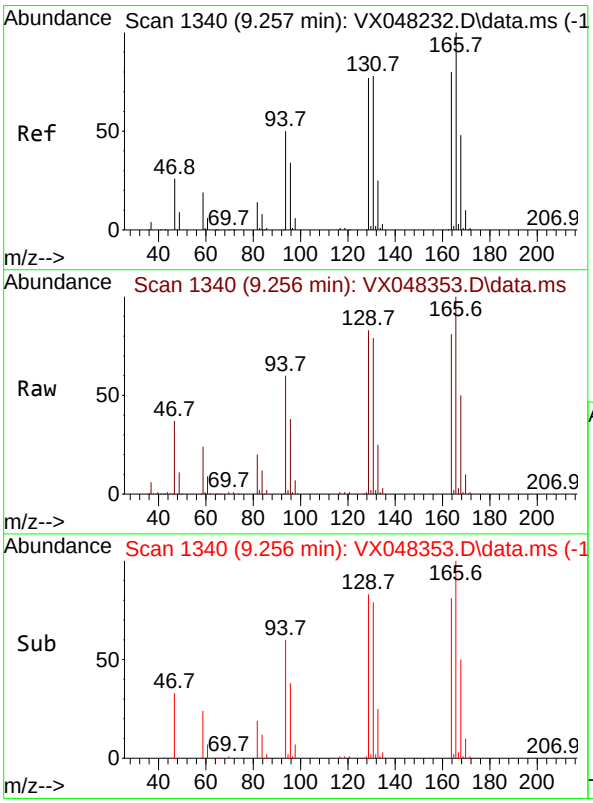

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:117 Resp: 201897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.3 | 46.5 | 69.7 |
| 119 | 32.0 | 25.9 | 38.9 |

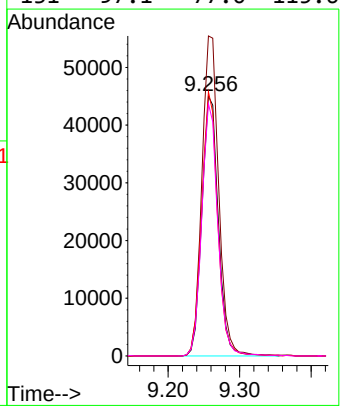


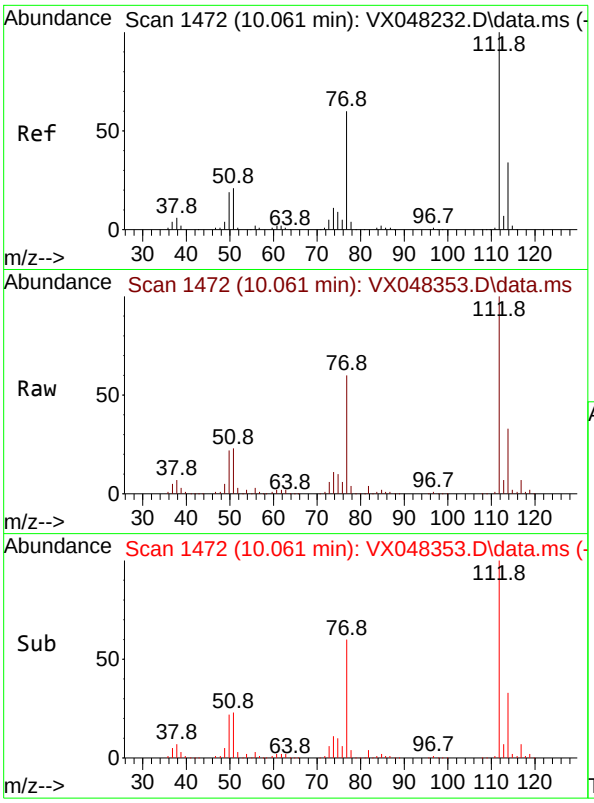




#64
Tetrachloroethene
Concen: 47.502 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:164 Resp: 71595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 123.2 | 104.5 | 156.7 |
| 129 | 101.7 | 81.8 | 122.6 |
| 131 | 97.1 | 77.0 | 115.6 |



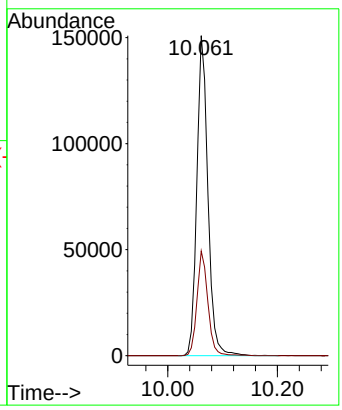


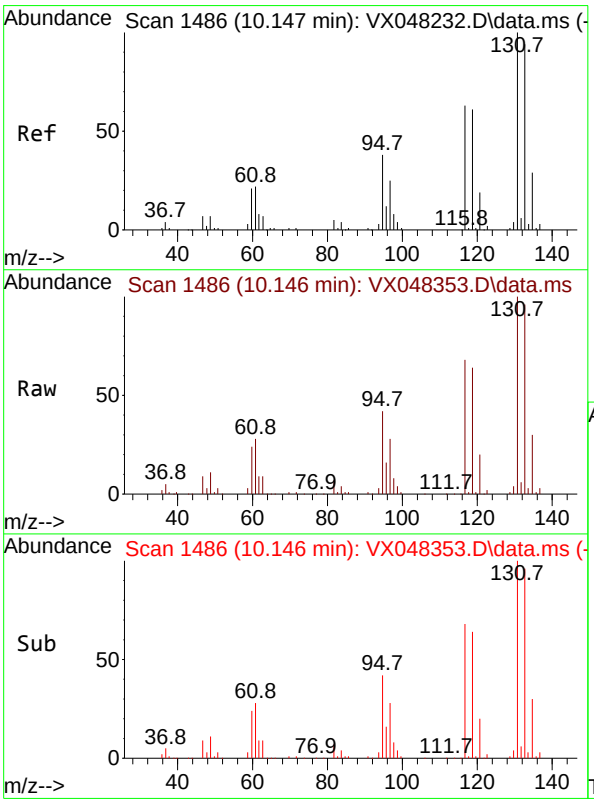

#65
Chlorobenzene
Concen: 46.854 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:112 Resp: 212798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.7 | 26.2 | 39.2 |

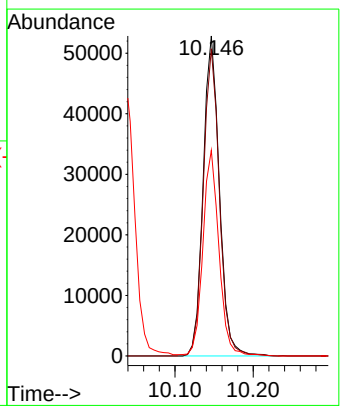


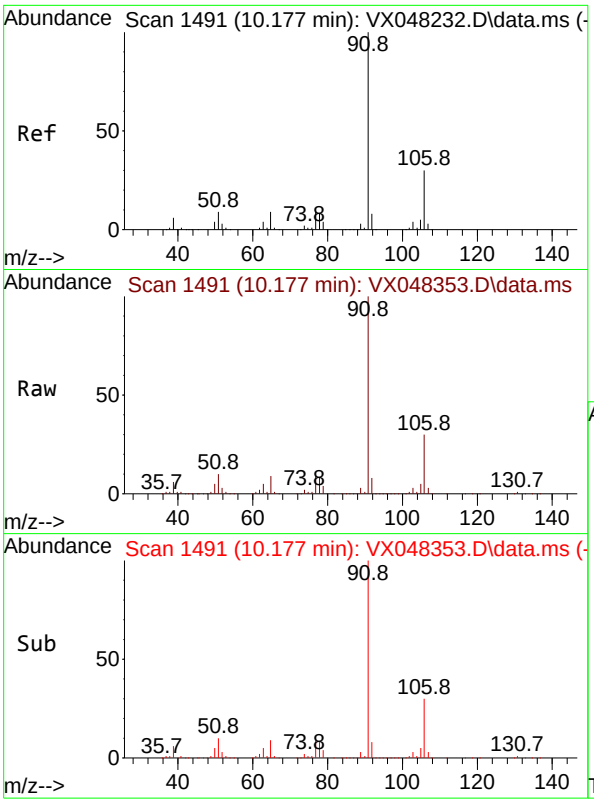




#66
1,1,1,2-Tetrachloroethane
Concen: 45.425 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:131 Resp: 75776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.6 | 47.6 | 142.8 |
| 119 | 63.8 | 32.5 | 97.5 |



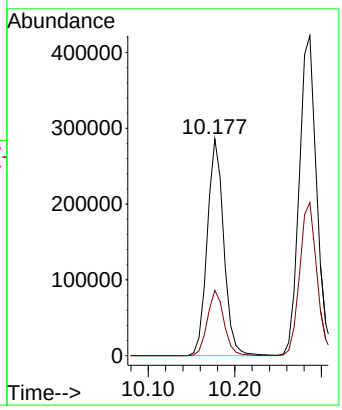


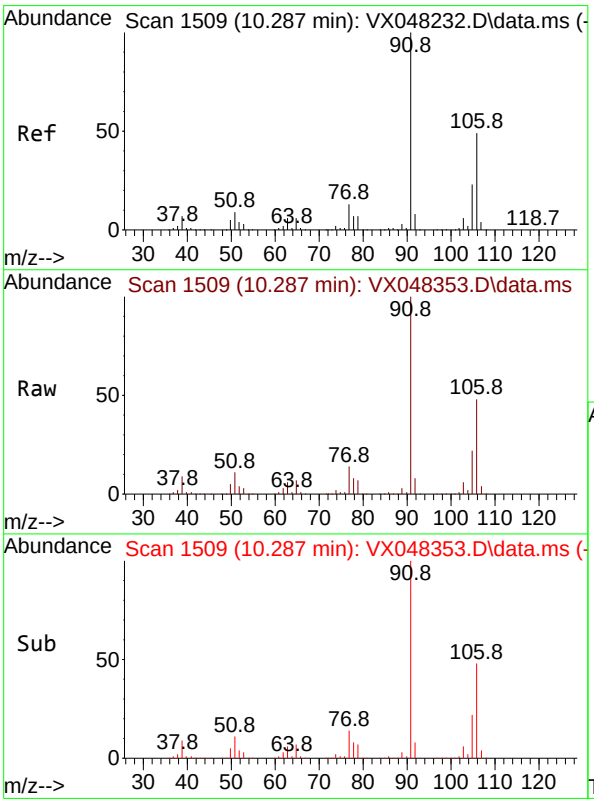

#67
Ethyl Benzene
Concen: 48.997 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 378873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.1 | 23.8 | 35.6 |

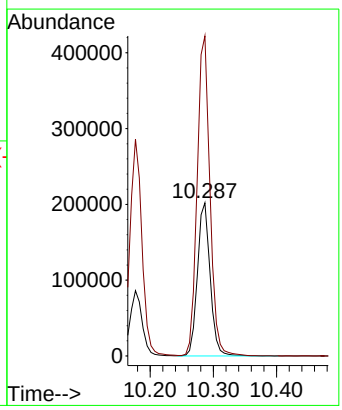


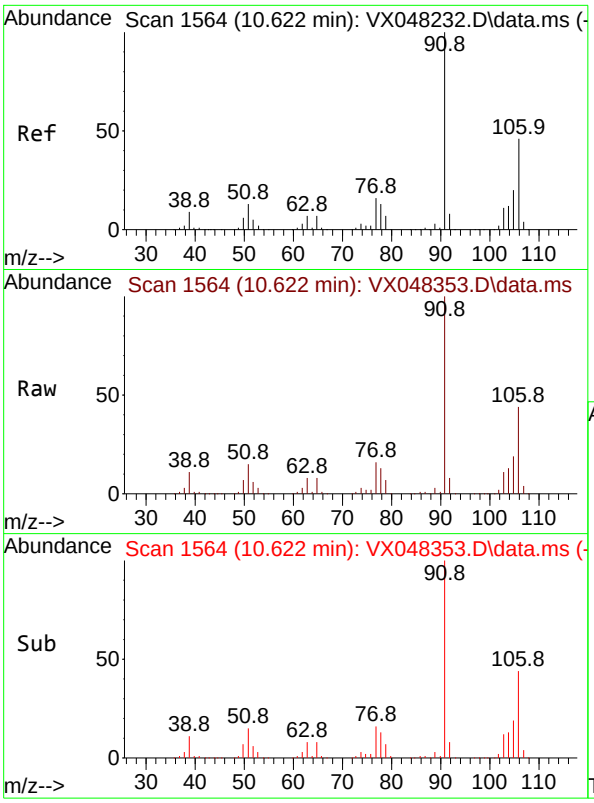




#68
m/p-Xylenes
Concen: 98.351 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:106 Resp: 282564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.6 | 167.9 | 251.9 |



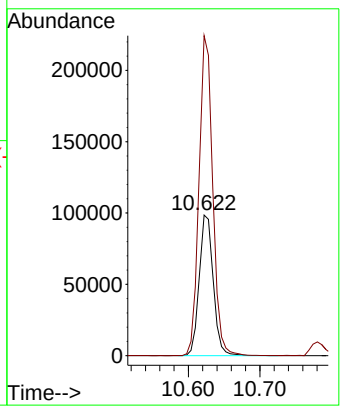


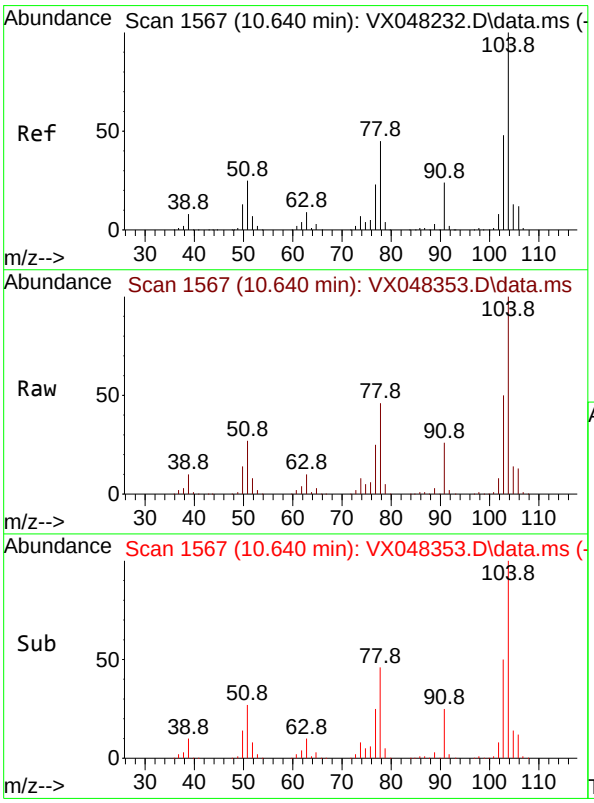

#69
o-Xylene
Concen: 48.426 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:106 Resp: 134320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.0 | 111.3 | 333.9 |

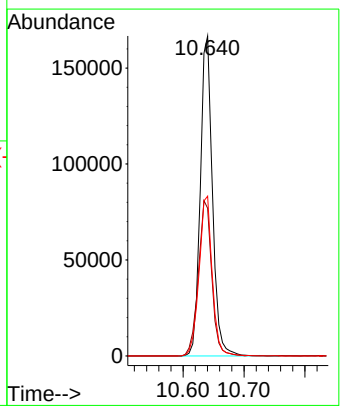


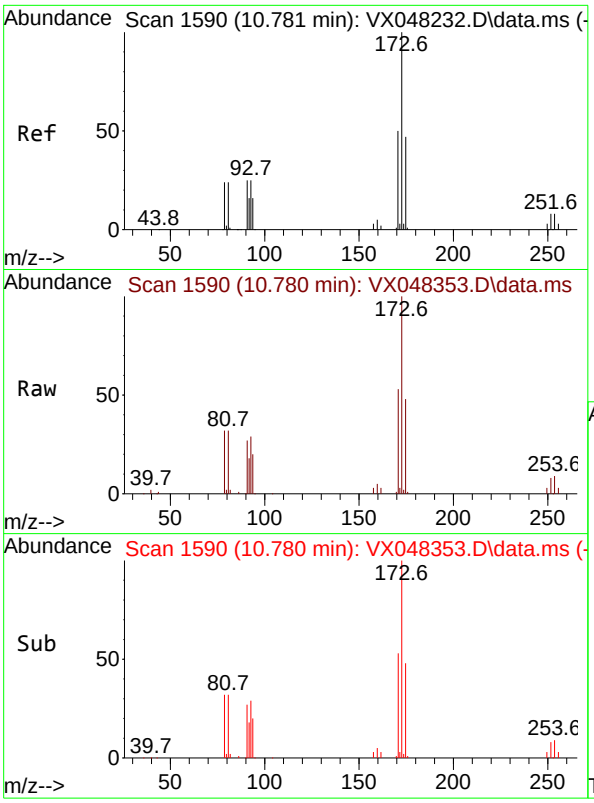




#70
Styrene
Concen: 49.017 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:104 Resp: 231504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.8 | 42.2 | 63.4 |
| 103 | 54.1 | 43.0 | 64.4 |



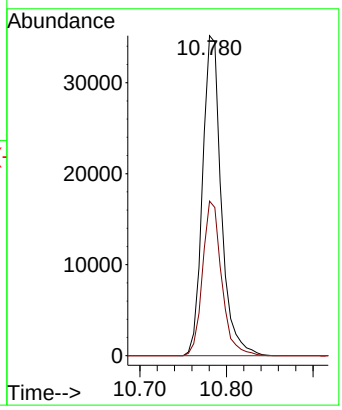


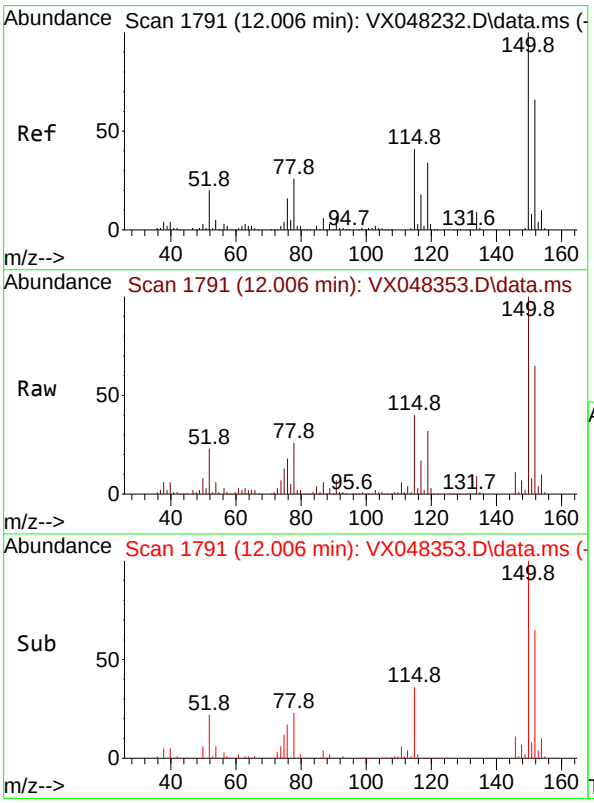

#71
Bromoform
Concen: 39.641 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:173 Resp: 52852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 24.0 | 72.0 |
| 254 | 0.0 | 0.0 | 0.0 |

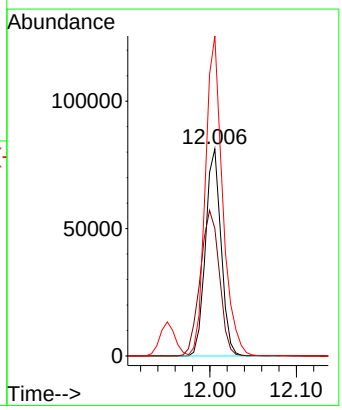


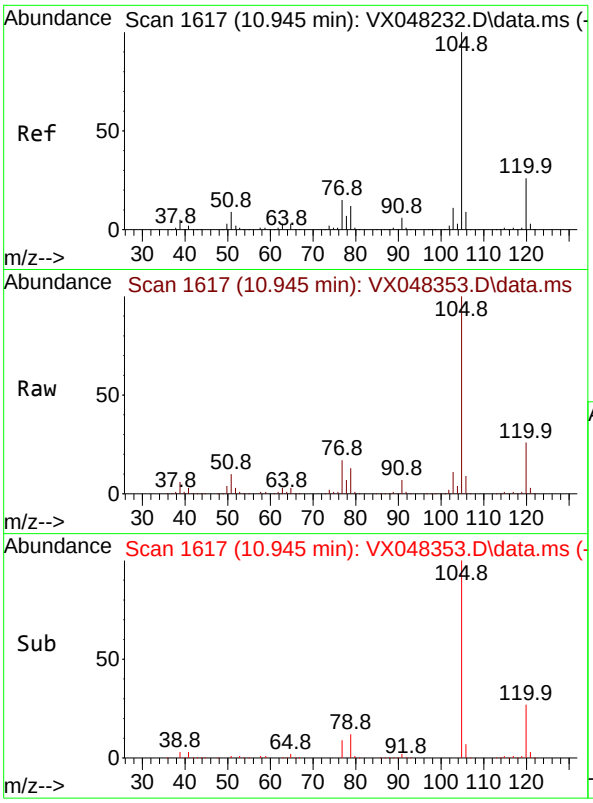




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:152 Resp: 101580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 86.7 | 43.1 | 129.4 |
| 150 | 170.0 | 0.0 | 353.0 |



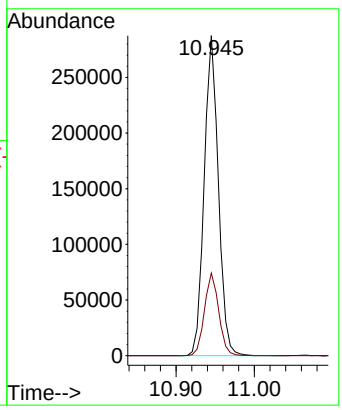


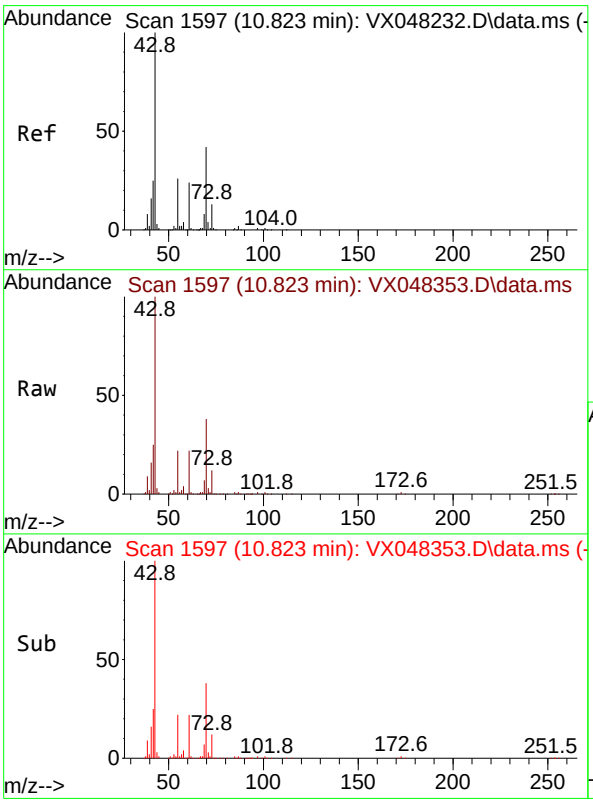

#73
Isopropylbenzene
Concen: 48.486 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:105 Resp: 359740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.0 | 13.0 | 38.9 |

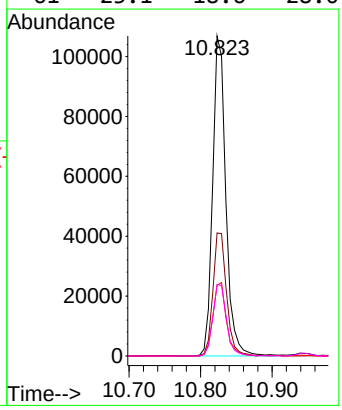


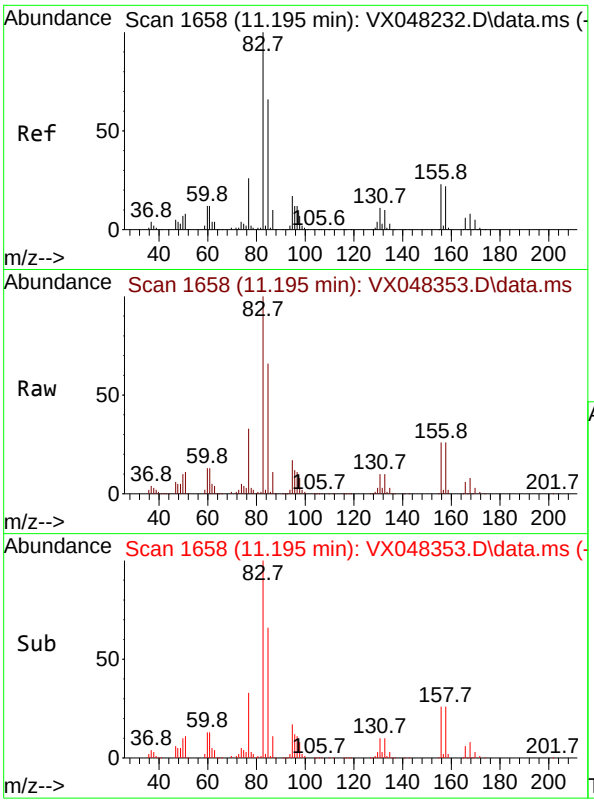




#74
N-amyl acetate
Concen: 51.949 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 136716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 39.9 | 32.2 | 48.2 |
| 55 | 23.5 | 19.1 | 28.7 |
| 61 | 23.1 | 18.6 | 28.0 |



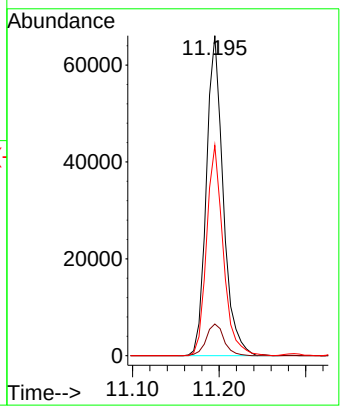


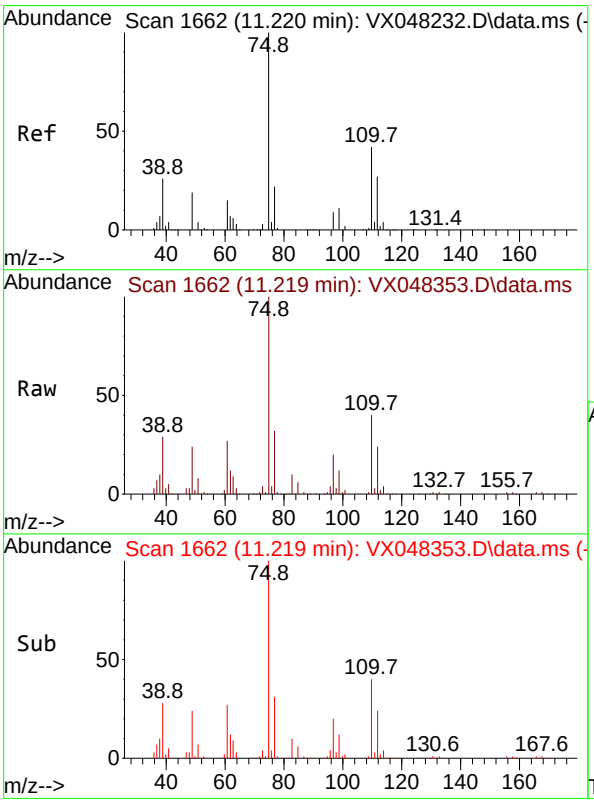

#75
1,1,2,2-Tetrachloroethane
Concen: 44.044 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 89239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.5 | 4.8 | 14.4 |
| 85 | 65.1 | 31.9 | 95.7 |

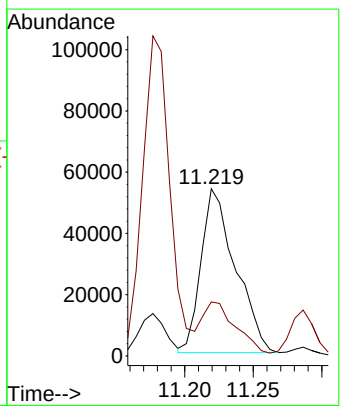


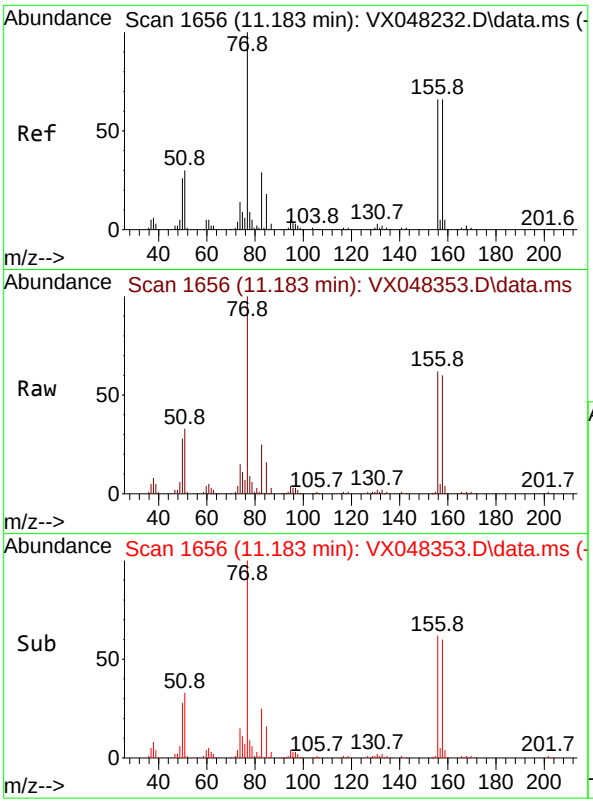




#76
1,2,3-Trichloropropane
Concen: 56.903 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 93736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 22.4 | 67.2 |



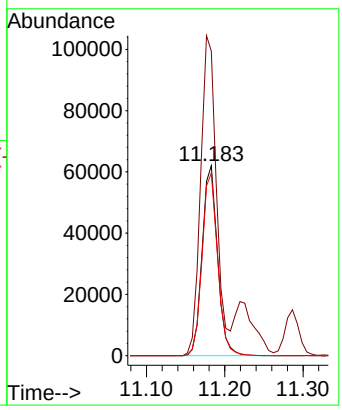


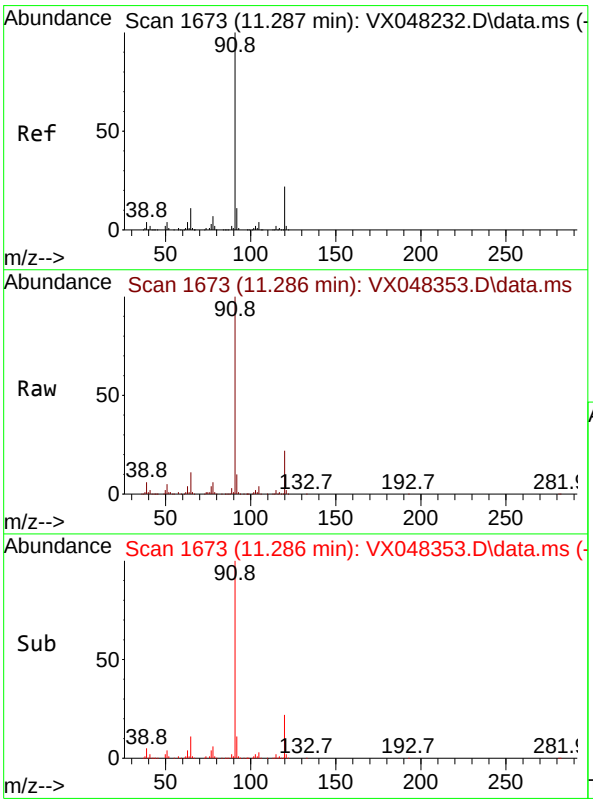

#77
Bromobenzene
Concen: 45.528 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:156 Resp: 84698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 173.4 | 87.0 | 261.0 |
| 158 | 97.0 | 47.8 | 143.4 |

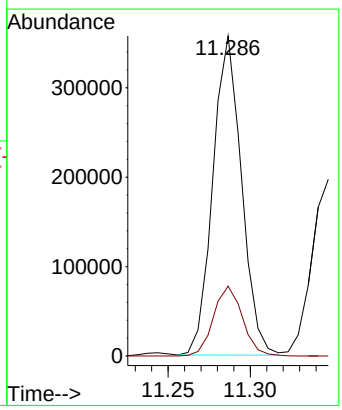


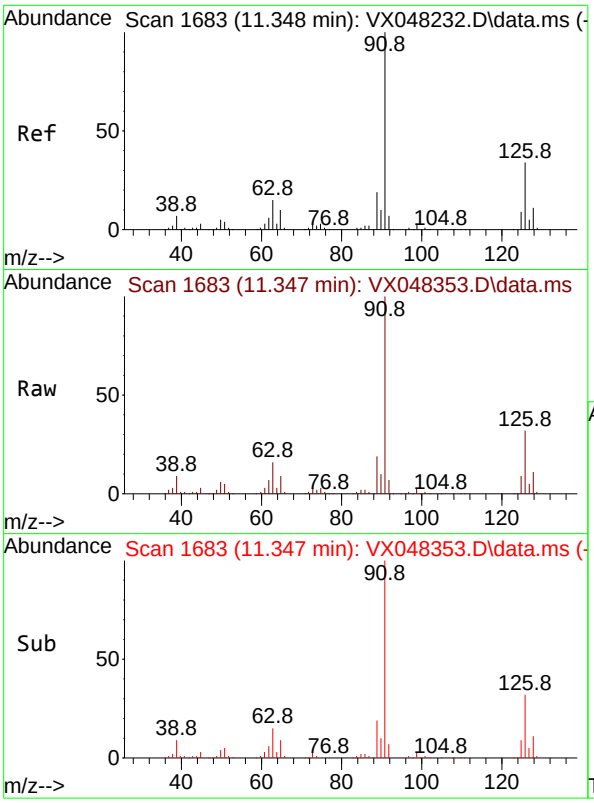




#78
n-propylbenzene
Concen: 50.437 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 91 Resp: 433271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.0 | 11.1 | 33.1 |



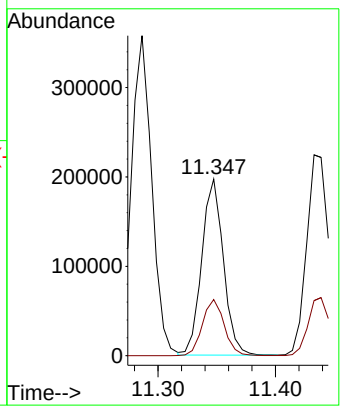


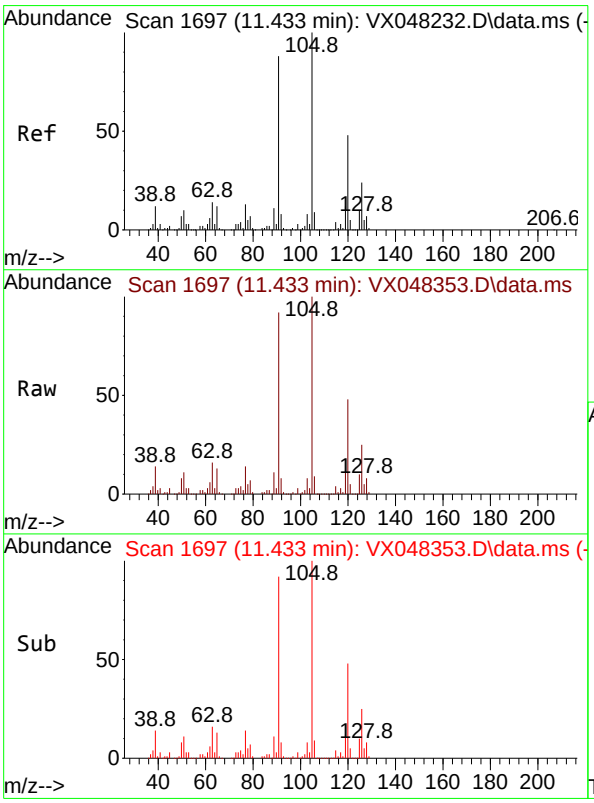

#79
2-Chlorotoluene
Concen: 48.357 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 251854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.3 | 16.4 | 49.4 |

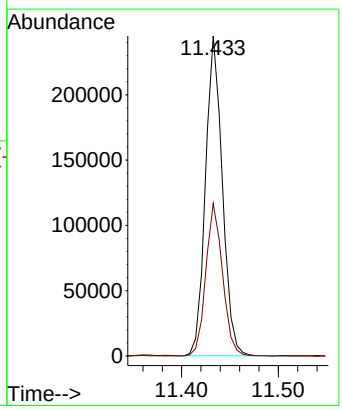


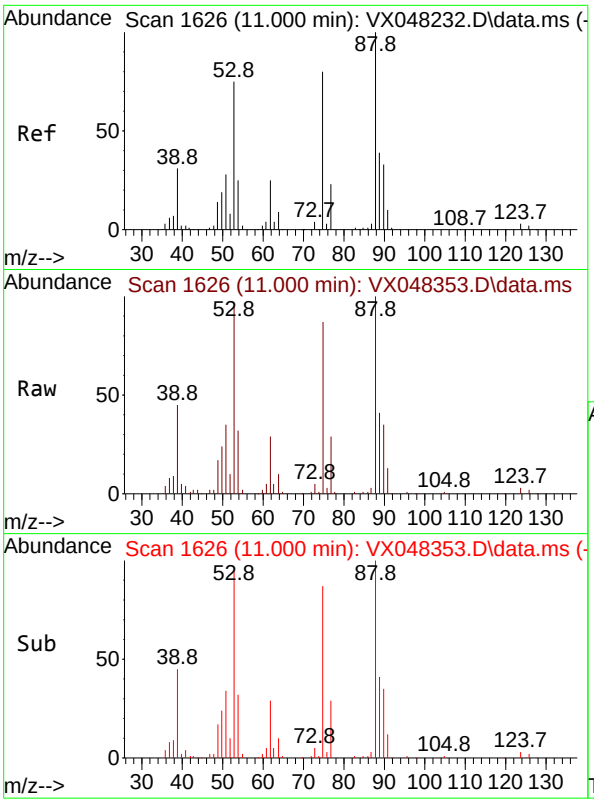




#80
1,3,5-Trimethylbenzene
Concen: 48.442 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:105 Resp: 297431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.4 | 24.0 | 72.0 |



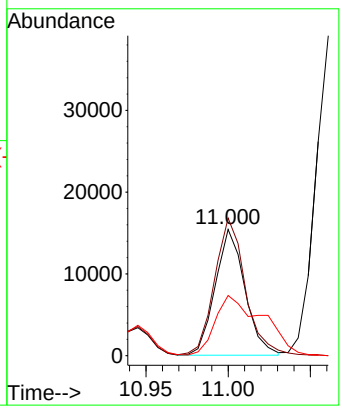


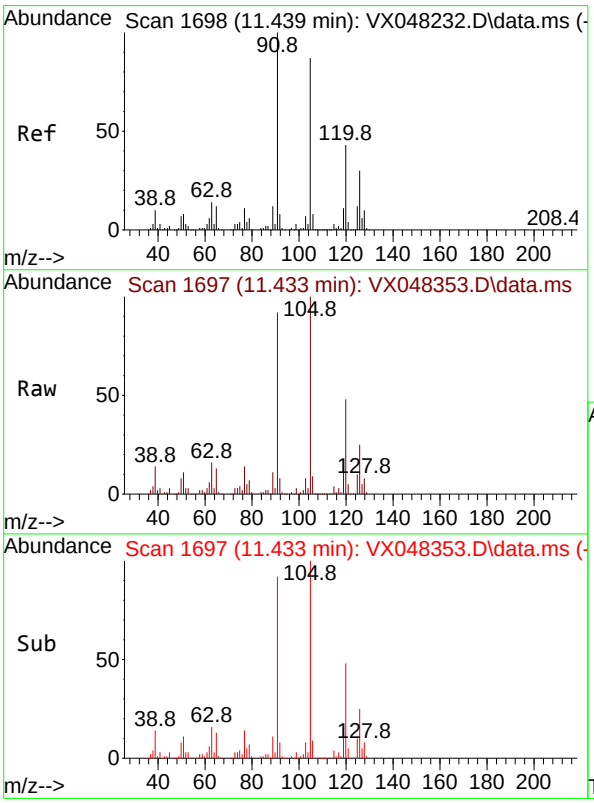

#81
trans-1,4-Dichloro-2-butene
Concen: 28.518 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 19309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 114.4 | 79.5 | 119.3 |
| 89 | 77.5 | 36.8 | 55.2# |

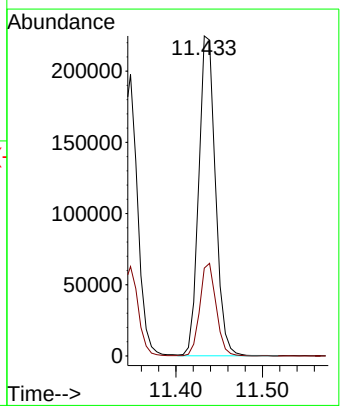


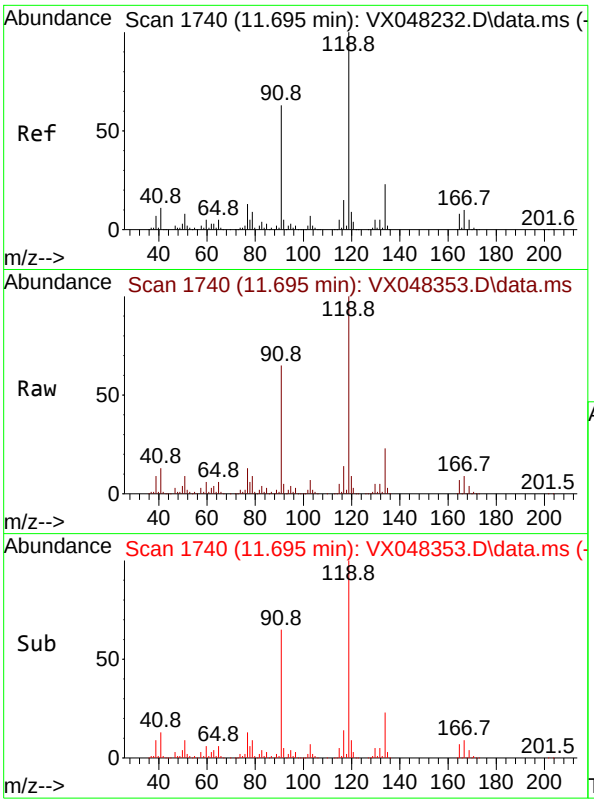




#82
4-Chlorotoluene
Concen: 48.674 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 91 Resp: 300933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.3 | 14.1 | 42.4 |



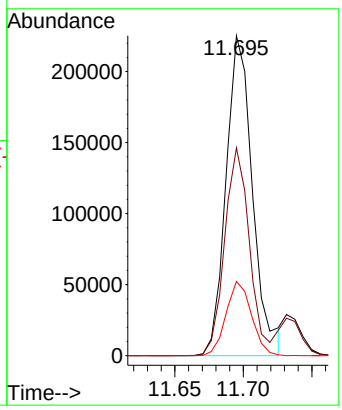


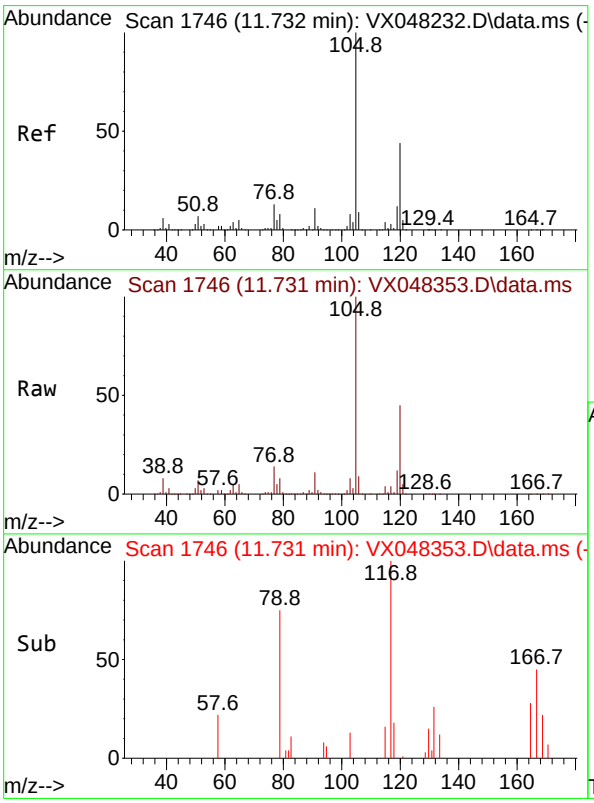

#83
tert-Butylbenzene
Concen: 48.055 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:119 Resp: 303155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 60.7 | 30.3 | 91.0 |
| 134 | 22.3 | 11.4 | 34.2 |

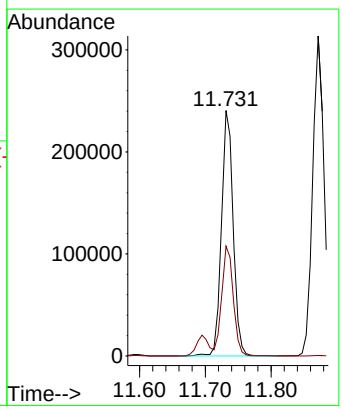


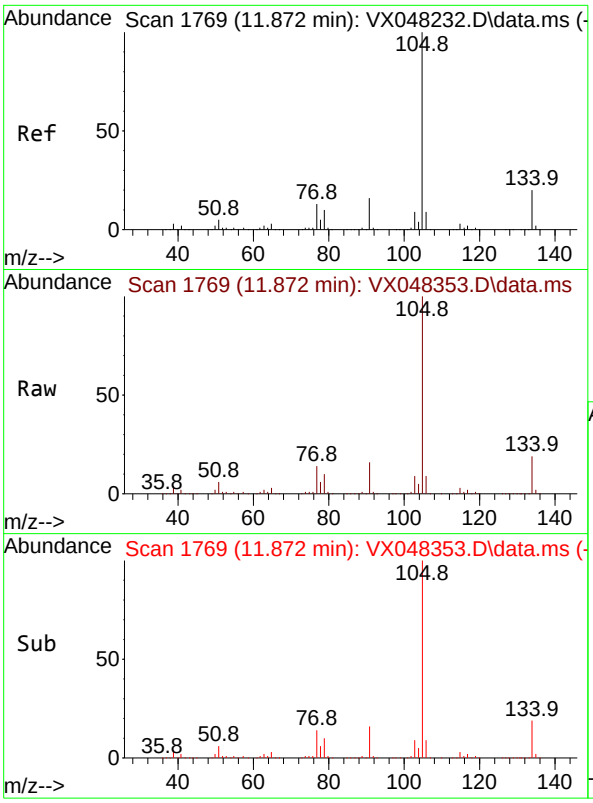




#84
1,2,4-Trimethylbenzene
Concen: 48.628 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:105 Resp: 297974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.0 | 22.1 | 66.5 |



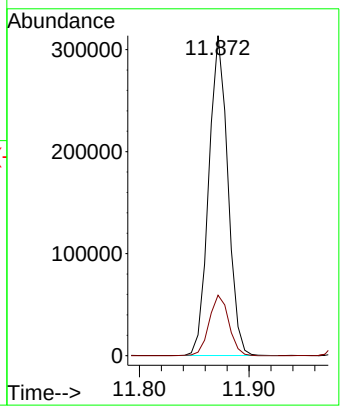


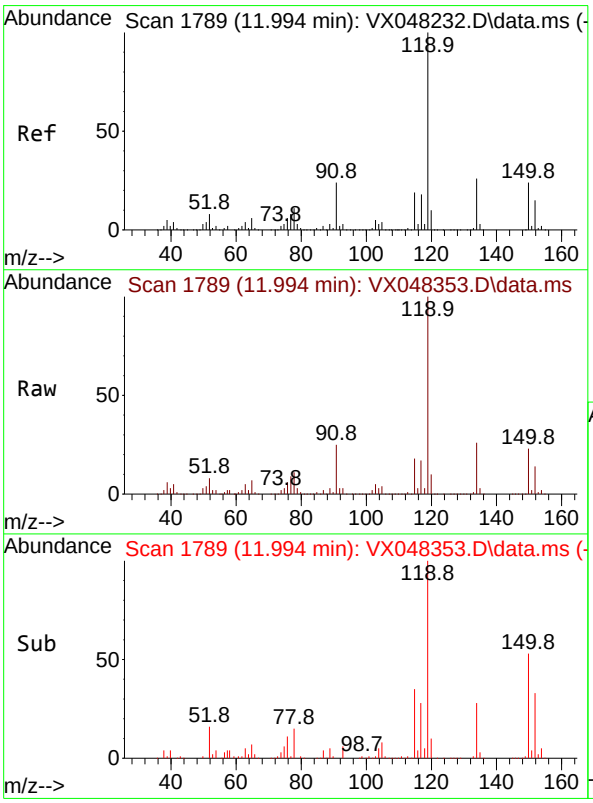

#85
sec-Butylbenzene
Concen: 49.795 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:105 Resp: 377937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.6 | 10.1 | 30.1 |

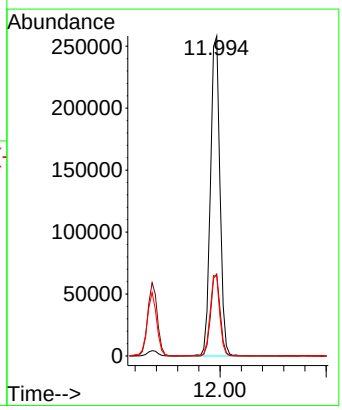


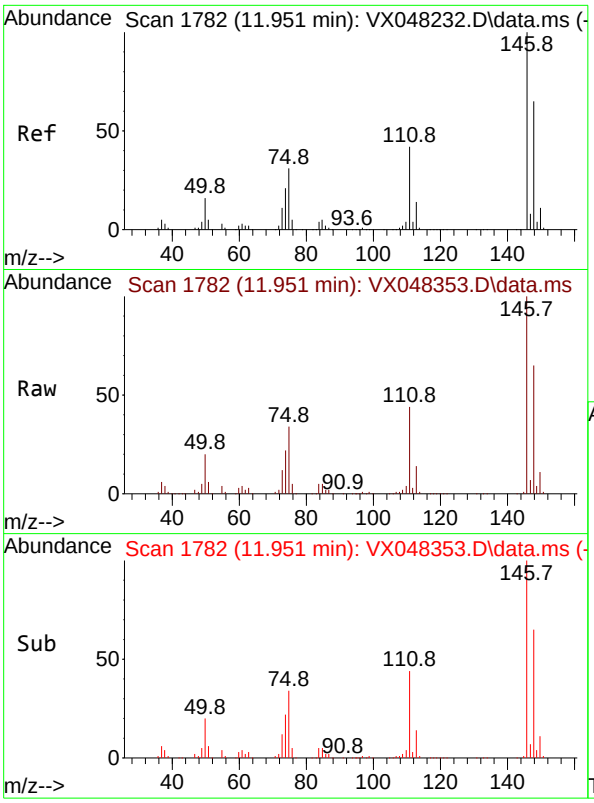




#86
p-Isopropyltoluene
Concen: 48.680 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:119 Resp: 319358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 13.0 | 39.0 |
| 91 | 25.5 | 12.1 | 36.3 |



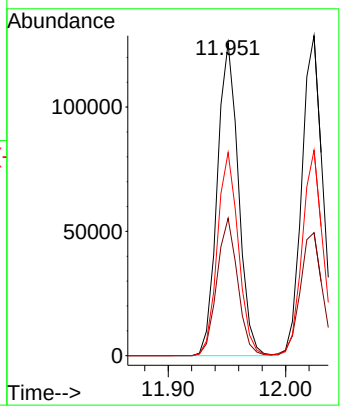


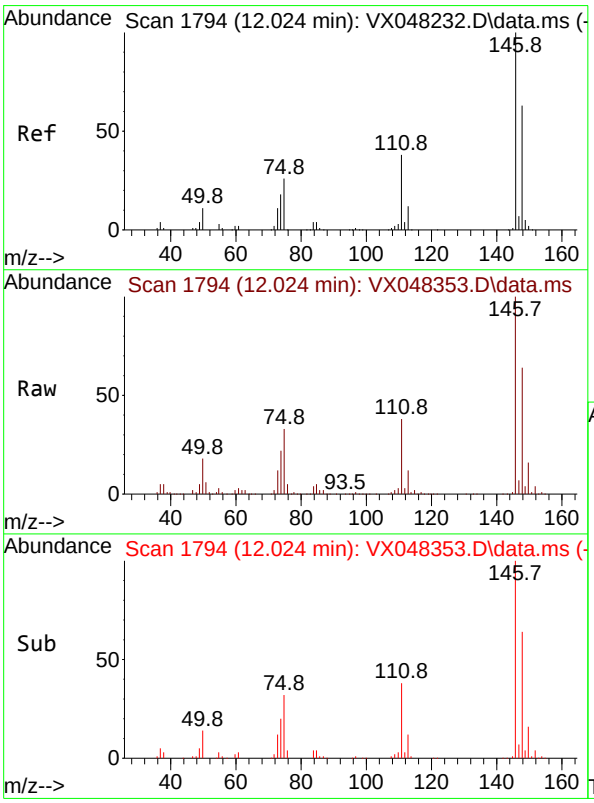

#87
1,3-Dichlorobenzene
Concen: 44.932 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 157580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.3 | 20.4 | 61.2 |
| 148 | 64.3 | 31.9 | 95.9 |

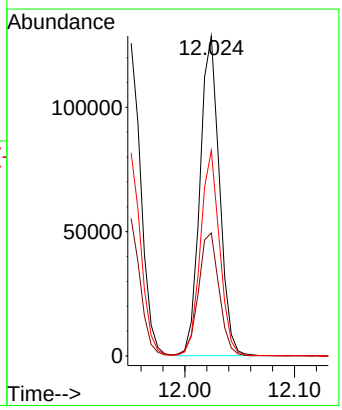


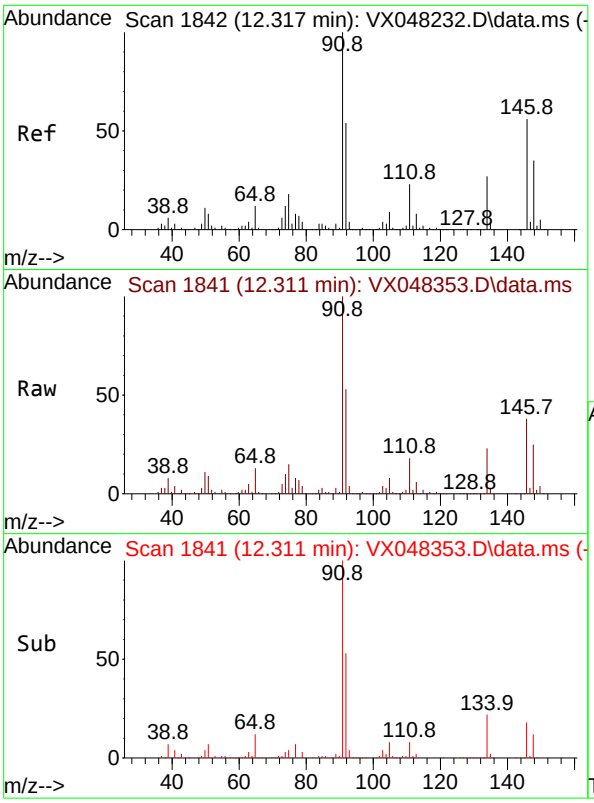




#88
1,4-Dichlorobenzene
Concen: 43.644 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:146 Resp: 158565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.7 | 20.1 | 60.2 |
| 148 | 63.6 | 31.8 | 95.3 |



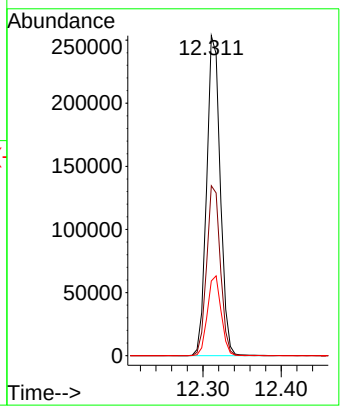


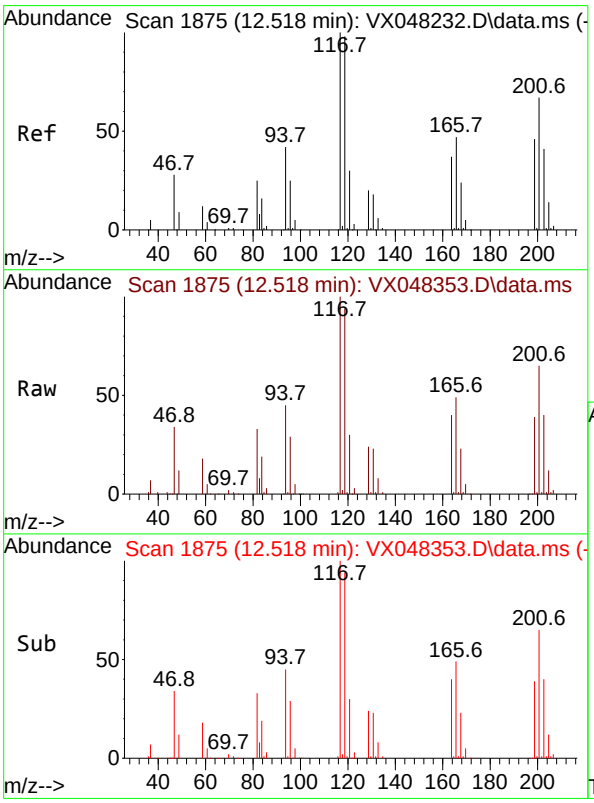

#89
n-Butylbenzene
Concen: 51.016 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 304622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.5 | 26.9 | 80.6 |
| 134 | 25.1 | 12.7 | 38.1 |

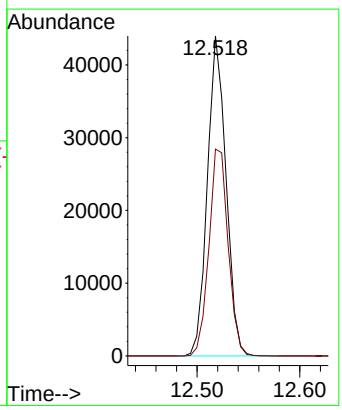


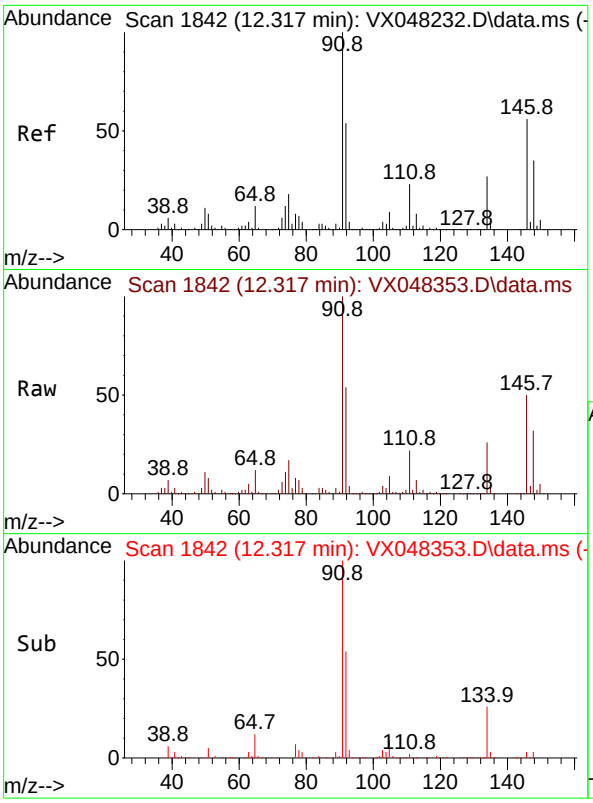




#90
Hexachloroethane
Concen: 42.679 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:117 Resp: 55291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 66.9 | 34.1 | 102.2 |



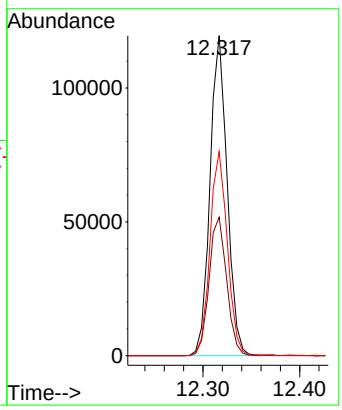


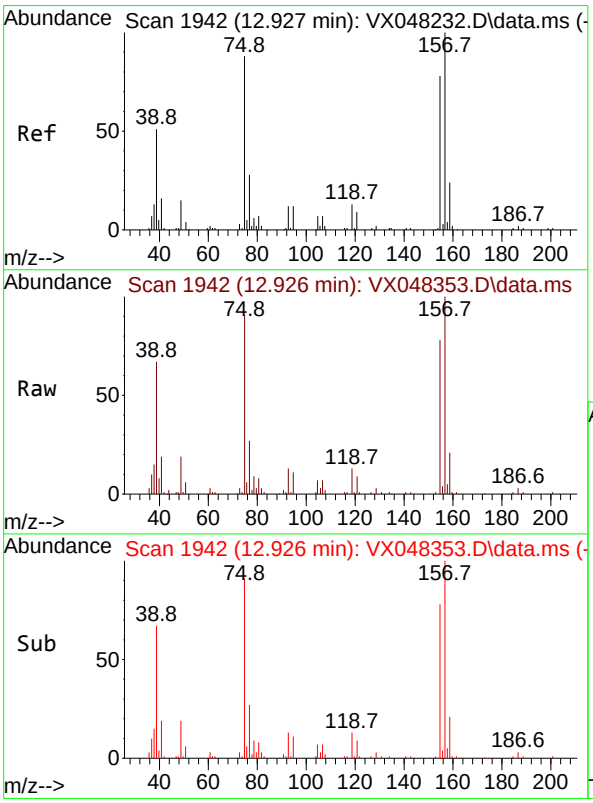

#91
1,2-Dichlorobenzene
Concen: 44.694 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 147165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.5 | 21.9 | 65.5 |
| 148 | 64.6 | 31.9 | 95.5 |

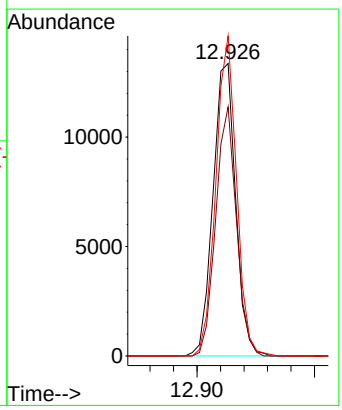


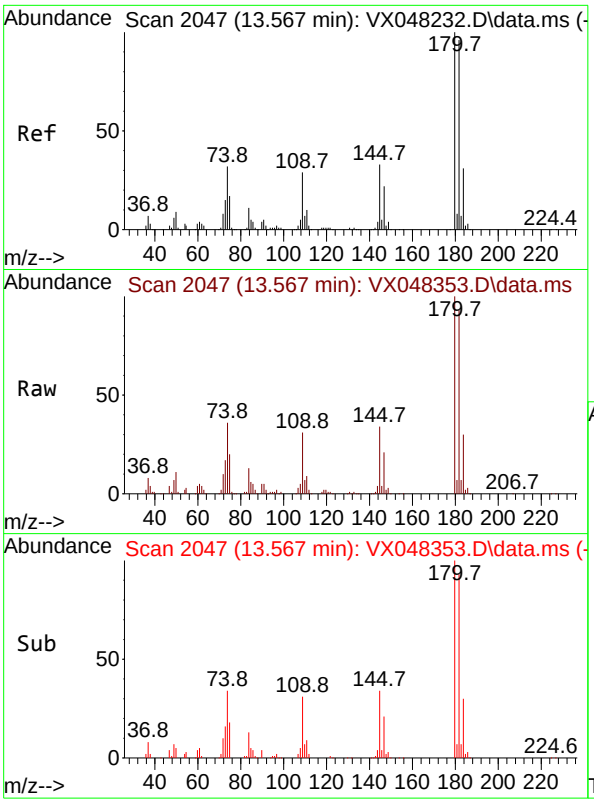




#92
1,2-Dibromo-3-Chloropropane
Concen: 43.426 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 17860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 78.1 | 42.8 | 128.4 |
| 157 | 100.2 | 54.2 | 162.6 |



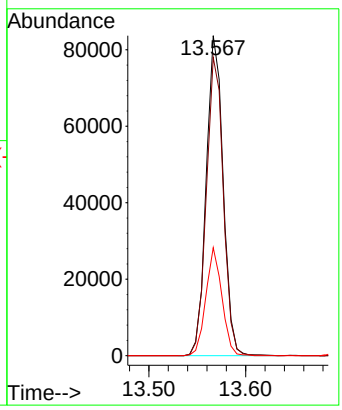


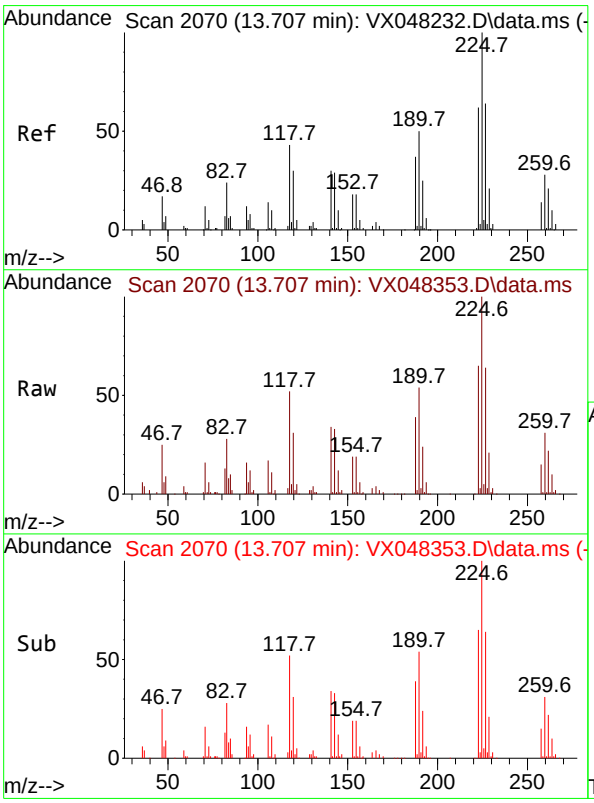

#93
1,2,4-Trichlorobenzene
Concen: 45.654 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:180 Resp: 101661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.7 | 47.3 | 142.0 |
| 145 | 32.2 | 16.3 | 48.9 |

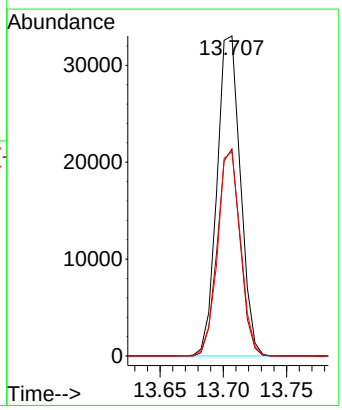


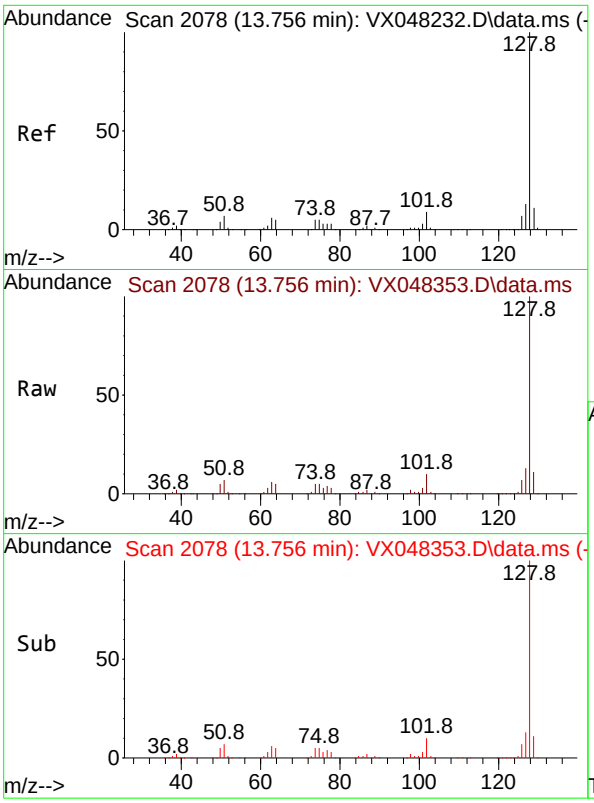




#94
Hexachlorobutadiene
Concen: 50.828 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:225 Resp: 42413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.5 | 32.6 | 97.7 |
| 227 | 62.7 | 32.5 | 97.4 |



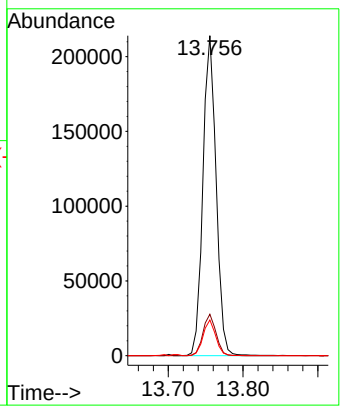


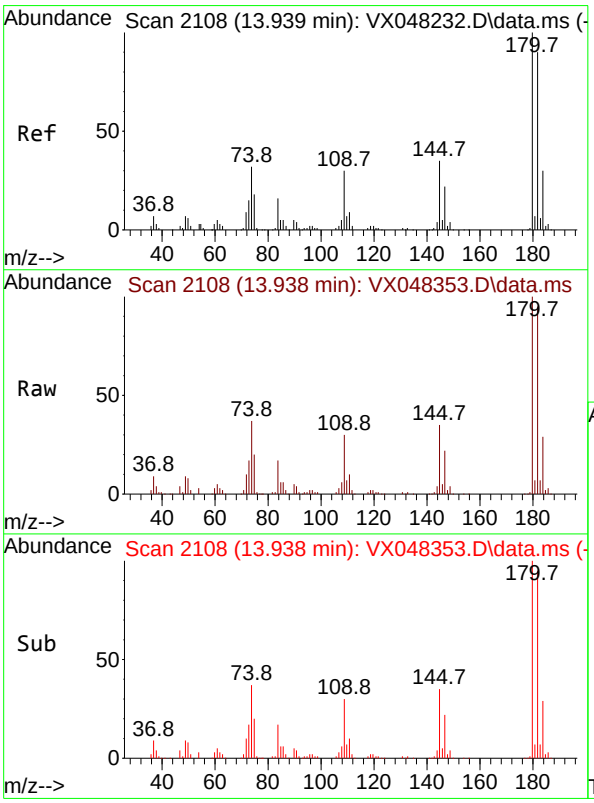

#95
Naphthalene
Concen: 44.472 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:128 Resp: 262366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.2 | 15.4 |
| 129 | 10.7 | 8.6 | 12.8 |




#96
1,2,3-Trichlorobenzene
Concen: 45.740 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:180 Resp: 93463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.6 | 46.6 | 139.7 |
| 145 | 34.7 | 16.9 | 50.7 |