284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

# DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

| | |
|---|---|
| Value | If the result is a value greater than or equal to the detection limit, report the value |
| **U** | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required. |
| **ND** | Indicates the analyte was analyzed for, but not detected |
| **J** | Indicates an estimated value**.** This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| **B** | Indicates the analyte was found in the blank as well as the sample report as "12 B". |
| **E** | Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| **D** | This flag identifies all compounds identified in an analysis at a secondary dilution factor. |
| **P** | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P". |
| **N** | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used. |
| **A** | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product. |
| **Q** | Indicates the LCS did not meet the control limits requirements |

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2553 | **OrderDate:** | 7/9/2025 4:20:00 PM |
| **Client:** | First Environment, Inc. | **Project:** | White Plains Housing Authority - WPHAU006 |
| **Contact:** | Ken Cwieka | **Location:** | A43,VOA Lab |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2553-01** | **AOC-201** | **Water** | | | **07/09/25** | | | **07/09/25** |
| | | | VOC-TCLVOA-10 | 8260D | | | 07/10/25 | |
| **Q2553-02** | **AOC-202** | **Water** | | | **07/09/25** | | | **07/09/25** |
| | | | VOC-TCLVOA-10 | 8260D | | | 07/10/25 | |
| **Q2553-03** | **AOC-203** | **Water** | | | **07/09/25** | | | **07/09/25** |
| | | | VOC-TCLVOA-10 | 8260D | | | 07/10/25 | |
| **Q2553-04** | **AOC-205** | **Water** | | | **07/09/25** | | | **07/09/25** |
| | | | VOC-TCLVOA-10 | 8260D | | | 07/10/25 | |
| **Q2553-05** | **FB** | **Water** | | | **07/09/25** | | | **07/09/25** |
| | | | VOC-TCLVOA-10 | 8260D | | | 07/14/25 | |
| **Q2553-06** | **TB** | **Water** | | | **07/09/25** | | | **07/09/25** |
| | | | VOC-TCLVOA-10 | 8260D | | | 07/10/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2553

**Client:** First Environment, Inc.

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID:** | **AOC-201** | | | | | | | | |
| Q2553-01 | AOC-201 | Water | Acetone | | 8.10 | J | 1.50 | 25.0 | ug/L |
| Q2553-01 | AOC-201 | Water | Carbon Disulfide | | 0.94 | J | 0.21 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | Cyclohexane | | 19.5 | | 1.50 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | Methylcyclohexane | | 48.2 | | 0.16 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | Ethyl Benzene | | 33.4 | | 0.13 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | m/p-Xylenes | | 1.20 | J | 0.24 | 10.0 | ug/L |
| Q2553-01 | AOC-201 | Water | o-Xylene | | 0.34 | J | 0.12 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | Isopropylbenzene | | 82.8 | | 0.12 | 5.00 | ug/L |
| | | | **Total Voc :** | | 194 | | | | |
| Q2553-01 | AOC-201 | Water | Benzene, 1,2,4,5-tetramethyl- | * | 160 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Pentane, 2-methyl- | * | 92.1 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Benzene, 2-propenyl- | * | 190 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Benzene, 1,2,3,4-tetramethyl- | * | 200 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Benzene, 1,2,3-trimethyl- | * | 170 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Pentane, 2,3-dimethyl- | * | 86.1 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Hexane, 3-methyl- | * | 91.5 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Benzene, 1-ethyl-2-methyl- | * | 150 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Benzene, 1-ethyl-4-methyl- | * | 120 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Indan, 1-methyl- | * | 190 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | 1H-Indene, 2,3-dihydro-4-meth | * | 340 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Benzene, 4-ethyl-1,2-dimethyl- | * | 280 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Benzene, 2-ethyl-1,4-dimethyl- | * | 140 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | Benzene, 1-ethenyl-4-ethyl- | * | 150 | J | 0 | 0 | ug/L |
| Q2553-01 | AOC-201 | Water | n-propylbenzene | * | 280 | J | 0.13 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | 1,3,5-Trimethylbenzene | * | 46.3 | J | 0.15 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | 1,2,4-Trimethylbenzene | * | 680 | J | 0.14 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | sec-Butylbenzene | * | 25.0 | J | 0.13 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | p-Isopropyltoluene | * | 7.80 | J | 0.13 | 5.00 | ug/L |
| Q2553-01 | AOC-201 | Water | n-Butylbenzene | * | 34.4 | J | 0.15 | 5.00 | ug/L |
| | | | **Total Tics :** | | 3430 | | | | |
| | | | **Total Concentration:** | | 3630 | | | | |
| **Client ID:** | **AOC-202** | | | | | | | | |
| Q2553-02 | AOC-202 | Water | Carbon Disulfide | | 0.39 | J | 0.21 | 5.00 | ug/L |
| Q2553-02 | AOC-202 | Water | Isopropylbenzene | | 3.20 | J | 0.12 | 5.00 | ug/L |
| | | | **Total Voc :** | | 3.59 | | | | |
| Q2553-02 | AOC-202 | Water | Butane, 2,2-dimethyl- | * | 7.10 | J | 0 | 0 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2553

**Client:** First Environment, Inc.

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Q2553-02 | AOC-202 | Water | Butane, 2-methyl- | * | 13.1 | J | 0 | 0 | ug/L |
| Q2553-02 | AOC-202 | Water | Butane, 2,3-dimethyl- | * | 23.3 | J | 0 | 0 | ug/L |
| Q2553-02 | AOC-202 | Water | Pentane, 3-methyl- | * | 15.7 | J | 0 | 0 | ug/L |
| Q2553-02 | AOC-202 | Water | Benzene, 1,4-diethyl- | * | 15.4 | J | 0 | 0 | ug/L |
| Q2553-02 | AOC-202 | Water | Cyclopentene, 1,2,3-trimethyl- | * | 7.80 | J | 0 | 0 | ug/L |
| Q2553-02 | AOC-202 | Water | Benzene, 1,2,3,5-tetramethyl- | * | 18.7 | J | 0 | 0 | ug/L |
| Q2553-02 | AOC-202 | Water | Cyclopentane, 1,1-dimethyl- | * | 5.90 | J | 0 | 0 | ug/L |
| Q2553-02 | AOC-202 | Water | Benzene, 1-ethenyl-3-ethyl- | * | 10.7 | J | 0 | 0 | ug/L |
| Q2553-02 | AOC-202 | Water | 2,2-Dimethylindene, 2,3-dihydı | * | 7.40 | J | 0 | 0 | ug/L |
| Q2553-02 | AOC-202 | Water | n-propylbenzene | * | 4.20 | J | 0.13 | 5.00 | ug/L |
| Q2553-02 | AOC-202 | Water | tert-Butylbenzene | * | 0.38 | J | 0.14 | 5.00 | ug/L |
| Q2553-02 | AOC-202 | Water | 1,2,4-Trimethylbenzene | * | 1.10 | J | 0.14 | 5.00 | ug/L |
| Q2553-02 | AOC-202 | Water | sec-Butylbenzene | * | 2.10 | J | 0.13 | 5.00 | ug/L |
| Q2553-02 | AOC-202 | Water | n-Butylbenzene | * | 0.63 | J | 0.15 | 5.00 | ug/L |
| | | | **Total Tics :** | | 134 | | | | |
| | | | **Total Concentration:** | | 137 | | | | |
| **Client ID:** | **AOC-203** | | | | | | | | |
| Q2553-03 | AOC-203 | Water | Cyclohexane | | 55.7 | | 1.50 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | Methylcyclohexane | | 57.8 | | 0.16 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | Benzene | | 3.30 | J | 0.15 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | Toluene | | 0.40 | J | 0.14 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | Ethyl Benzene | | 140 | | 0.13 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | m/p-Xylenes | | 6.50 | J | 0.24 | 10.0 | ug/L |
| Q2553-03 | AOC-203 | Water | Isopropylbenzene | | 100 | | 0.12 | 5.00 | ug/L |
| | | | **Total Voc :** | | 364 | | | | |
| Q2553-03 | AOC-203 | Water | Pentane, 3-methyl- | * | 64.3 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | Cyclopentane, methyl- | * | 94.3 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | Pentane, 2-methyl- | * | 87.8 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | Benzene, 1,2,3,4-tetramethyl- | * | 130 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | Indane | * | 370 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | Benzene, 1,2,3-trimethyl- | * | 260 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | Benzene, 1-ethyl-2-methyl- | * | 86.6 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | Benzene, 1-ethyl-4-methyl- | * | 95.7 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | Indan, 1-methyl- | * | 130 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | 1H-Indene, 2,3-dihydro-4-meth | * | 90.6 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | 1H-Indene, 2,3-dihydro-5-meth | * | 220 | J | 0 | 0 | ug/L |
| Q2553-03 | AOC-203 | Water | Benzene, 4-ethyl-1,2-dimethyl- | * | 190 | J | 0 | 0 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2553

**Client:** First Environment, Inc.

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Q2553-03 | AOC-203 | Water | n-propylbenzene | * | 250 | J | 0.13 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | 1,3,5-Trimethylbenzene | * | 100 | J | 0.15 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | tert-Butylbenzene | * | 1.00 | J | 0.14 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | 1,2,4-Trimethylbenzene | * | 160 | J | 0.14 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | sec-Butylbenzene | * | 17.6 | J | 0.13 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | p-Isopropyltoluene | * | 2.90 | J | 0.13 | 5.00 | ug/L |
| Q2553-03 | AOC-203 | Water | n-Butylbenzene | * | 25.4 | J | 0.15 | 5.00 | ug/L |
| | | | **Total Tics :** | | 2380 | | | | |
| | | | **Total Concentration:** | | 2740 | | | | |
| **Client ID:** | **AOC-205** | | | | | | | | |
| Q2553-04 | AOC-205 | Water | Carbon Disulfide | | 0.44 | J | 0.21 | 5.00 | ug/L |
| | | | **Total Voc :** | | 0.44 | | | | |
| Q2553-04 | AOC-205 | Water | n-propylbenzene | * | 0.58 | J | 0.13 | 5.00 | ug/L |
| Q2553-04 | AOC-205 | Water | n-Butylbenzene | * | 0.24 | J | 0.15 | 5.00 | ug/L |
| | | | **Total Tics :** | | 0.82 | | | | |
| | | | **Total Concentration:** | | 1.26 | | | | |
| **Client ID:** | **FB** | | | | | | | | |
| Q2553-05 | FB | Water | Acetone | | 2.20 | J | 1.50 | 25.0 | ug/L |
| Q2553-05 | FB | Water | Carbon Disulfide | | 0.89 | J | 0.21 | 5.00 | ug/L |
| Q2553-05 | FB | Water | Methylene Chloride | | 0.55 | J | 0.28 | 5.00 | ug/L |
| | | | **Total Voc :** | | 3.64 | | | | |
| | | | **Total Concentration:** | | 3.64 | | | | |


# QC SUMMARY

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# Surrogate Summary

**SDG No.:** Q2553

**Client:** First Environment, Inc.

**Analytical Method:** SW8260D

| Lab Sample ID | Client ID | Parameter | Spike | Result | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|
| Q2553-01 | AOC-201 | 1,2-Dichloroethane-d4 | 50 | 51.4 | 103 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 49.1 | 98 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 49.8 | 100 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 52.4 | 105 | | 70 (77) | 130 (121) |
| Q2553-02 | AOC-202 | 1,2-Dichloroethane-d4 | 50 | 50.4 | 101 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 46.9 | 94 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 50.6 | 101 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 52.6 | 105 | | 70 (77) | 130 (121) |
| Q2553-03 | AOC-203 | 1,2-Dichloroethane-d4 | 50 | 49.8 | 100 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 47.9 | 96 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 49.9 | 100 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 50.6 | 101 | | 70 (77) | 130 (121) |
| Q2553-04 | AOC-205 | 1,2-Dichloroethane-d4 | 50 | 50.3 | 101 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 46.5 | 93 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 49.8 | 100 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 51.9 | 104 | | 70 (77) | 130 (121) |
| Q2553-05 | FB | 1,2-Dichloroethane-d4 | 50 | 52.6 | 105 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 48.7 | 97 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 47.9 | 96 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 51.8 | 104 | | 70 (77) | 130 (121) |
| Q2553-06 | TB | 1,2-Dichloroethane-d4 | 50 | 54.6 | 109 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 48.9 | 98 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 50.2 | 100 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 51.6 | 103 | | 70 (77) | 130 (121) |
| VX0714WBL01 | VX0714WBL01 | 1,2-Dichloroethane-d4 | 50 | 54.0 | 108 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 50.9 | 102 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 48.7 | 97 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 52.2 | 104 | | 70 (77) | 130 (121) |
| VX0714WBS01 | VX0714WBS01 | 1,2-Dichloroethane-d4 | 50 | 55.5 | 111 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 53.5 | 107 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 52.6 | 105 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 55.0 | 110 | | 70 (77) | 130 (121) |

( ) = LABORATORY INHOUSE LIMIT

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# Surrogate Summary

**SDG No.:** Q2553

**Client:** First Environment, Inc.

**Analytical Method:** SW8260-Low

| Lab Sample ID | Client ID | Parameter | Spike | Result | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|
| VX0710WBL01 | VX0710WBL01 | 1,2-Dichloroethane-d4 | 50 | 56.6 | 113 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 49.6 | 99 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 50.8 | 102 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 51.5 | 103 | | 70 (77) | 130 (121) |
| VX0710WBS01 | VX0710WBS01 | 1,2-Dichloroethane-d4 | 50 | 51.9 | 104 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 51.2 | 102 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 49.9 | 100 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 52.6 | 105 | | 70 (77) | 130 (121) |
| VX0710WBSD0 | VX0710WBSD01 | 1,2-Dichloroethane-d4 | 50 | 52.1 | 104 | | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 51.2 | 102 | | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 49.6 | 99 | | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 52.7 | 105 | | 70 (77) | 130 (121) |

( ) = LABORATORY INHOUSE LIMIT

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2553 **Analytical Method:** SW8260-Low

**Client:** First Environment, Inc. **Datafile :** VX046936.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX0710WBS01 | Dichlorodifluoromethane | 20 | 18.6 | ug/L | 93 | | | 40 (69) | 160 (116) | |
| | Chloromethane | 20 | 18.8 | ug/L | 94 | | | 40 (65) | 160 (116) | |
| | Vinyl chloride | 20 | 18.3 | ug/L | 92 | | | 70 (65) | 130 (117) | |
| | Bromomethane | 20 | 19.2 | ug/L | 96 | | | 40 (58) | 160 (125) | |
| | Chloroethane | 20 | 18.1 | ug/L | 91 | | | 40 (56) | 160 (128) | |
| | Trichlorofluoromethane | 20 | 19.4 | ug/L | 97 | | | 40 (73) | 160 (115) | |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 19.6 | ug/L | 98 | | | 70 (80) | 130 (112) | |
| | 1,1-Dichloroethene | 20 | 18.2 | ug/L | 91 | | | 70 (74) | 130 (110) | |
| | Acetone | 100 | 96.3 | ug/L | 96 | | | 40 (60) | 160 (125) | |
| | Carbon disulfide | 20 | 16.9 | ug/L | 85 | | | 40 (64) | 160 (112) | |
| | Methyl tert-butyl Ether | 20 | 20.0 | ug/L | 100 | | | 70 (78) | 130 (114) | |
| | Methyl Acetate | 20 | 23.0 | ug/L | 115 | | | 70 (67) | 130 (125) | |
| | Methylene Chloride | 20 | 20.6 | ug/L | 103 | | | 70 (72) | 130 (114) | |
| | trans-1,2-Dichloroethene | 20 | 19.4 | ug/L | 97 | | | 70 (75) | 130 (108) | |
| | 1,1-Dichloroethane | 20 | 19.9 | ug/L | 100 | | | 70 (78) | 130 (112) | |
| | Cyclohexane | 20 | 18.8 | ug/L | 94 | | | 70 (75) | 130 (110) | |
| | 2-Butanone | 100 | 100 | ug/L | 100 | | | 40 (65) | 160 (122) | |
| | Carbon Tetrachloride | 20 | 19.5 | ug/L | 98 | | | 70 (77) | 130 (113) | |
| | cis-1,2-Dichloroethene | 20 | 19.4 | ug/L | 97 | | | 70 (77) | 130 (110) | |
| | Bromochloromethane | 20 | 21.7 | ug/L | 109 | | | 70 (70) | 130 (124) | |
| | Chloroform | 20 | 19.7 | ug/L | 99 | | | 70 (79) | 130 (113) | |
| | 1,1,1-Trichloroethane | 20 | 19.3 | ug/L | 97 | | | 70 (80) | 130 (108) | |
| | Methylcyclohexane | 20 | 17.8 | ug/L | 89 | | | 70 (72) | 130 (115) | |
| | Benzene | 20 | 19.1 | ug/L | 96 | | | 70 (82) | 130 (109) | |
| | 1,2-Dichloroethane | 20 | 20.0 | ug/L | 100 | | | 70 (80) | 130 (115) | |
| | Trichloroethene | 20 | 18.3 | ug/L | 92 | | | 70 (77) | 130 (113) | |
| | 1,2-Dichloropropane | 20 | 19.5 | ug/L | 98 | | | 70 (83) | 130 (111) | |
| | Bromodichloromethane | 20 | 19.4 | ug/L | 97 | | | 70 (83) | 130 (110) | |
| | 4-Methyl-2-Pentanone | 100 | 110 | ug/L | 110 | | | 40 (74) | 160 (118) | |
| | Toluene | 20 | 19.7 | ug/L | 99 | | | 70 (82) | 130 (110) | |
| | t-1,3-Dichloropropene | 20 | 19.1 | ug/L | 96 | | | 70 (79) | 130 (110) | |
| | cis-1,3-Dichloropropene | 20 | 19.3 | ug/L | 97 | | | 70 (82) | 130 (110) | |
| | 1,1,2-Trichloroethane | 20 | 20.5 | ug/L | 103 | | | 70 (83) | 130 (112) | |
| | 2-Hexanone | 100 | 110 | ug/L | 110 | | | 40 (73) | 160 (117) | |
| | Dibromochloromethane | 20 | 19.9 | ug/L | 100 | | | 70 (82) | 130 (110) | |
| | 1,2-Dibromoethane | 20 | 20.2 | ug/L | 101 | | | 70 (81) | 130 (110) | |
| | Tetrachloroethene | 20 | 18.4 | ug/L | 92 | | | 70 (67) | 130 (123) | |
| | Chlorobenzene | 20 | 19.2 | ug/L | 96 | | | 70 (82) | 130 (109) | |
| | Ethyl Benzene | 20 | 19.3 | ug/L | 97 | | | 70 (83) | 130 (109) | |
| | m/p-Xylenes | 40 | 38.5 | ug/L | 96 | | | 70 (82) | 130 (110) | |
| | o-Xylene | 20 | 19.1 | ug/L | 96 | | | 70 (83) | 130 (109) | |
| | Styrene | 20 | 19.7 | ug/L | 99 | | | 70 (80) | 130 (111) | |
| | Bromoform | 20 | 19.4 | ug/L | 97 | | | 70 (79) | 130 (109) | |
| | Isopropylbenzene | 20 | 18.9 | ug/L | 95 | | | 70 (83) | 130 (112) | |
| | 1,1,2,2-Tetrachloroethane | 20 | 19.5 | ug/L | 98 | | | 70 (76) | 130 (118) | |
| | 1,3-Dichlorobenzene | 20 | 19.0 | ug/L | 95 | | | 70 (82) | 130 (108) | |
| | 1,4-Dichlorobenzene | 20 | 18.5 | ug/L | 93 | | | 70 (82) | 130 (107) | |
| | 1,2-Dichlorobenzene | 20 | 18.7 | ug/L | 94 | | | 70 (82) | 130 (109) | |

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Fax : 908 789 8922

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2553 **Analytical Method:** SW8260-Low

**Client:** First Environment, Inc. **Datafile :** VX046936.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX0710WBS01 | 1,2-Dibromo-3-Chloropropane | 20 | 19.3 | ug/L | 97 | | | 40 (68) | 160 (112) | |
| | 1,2,4-Trichlorobenzene | 20 | 17.8 | ug/L | 89 | | | 70 (75) | 130 (113) | |
| | 1,2,3-Trichlorobenzene | 20 | 18.7 | ug/L | 94 | | | 70 (76) | 130 (114) | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2553 **Analytical Method:** SW8260-Low

**Client:** First Environment, Inc. **Datafile :** VX046937.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX0710WBSD01 | Dichlorodifluoromethane | 20 | 17.6 | ug/L | 88 | 6 | | 40 (69) | 160 (116) | 20 (19) |
| | Chloromethane | 20 | 17.9 | ug/L | 90 | 4 | | 40 (65) | 160 (116) | 20 (21) |
| | Vinyl chloride | 20 | 17.5 | ug/L | 88 | 4 | | 70 (65) | 130 (117) | 20 (19) |
| | Bromomethane | 20 | 19.1 | ug/L | 96 | 0 | | 40 (58) | 160 (125) | 20 (20) |
| | Chloroethane | 20 | 17.7 | ug/L | 89 | 2 | | 40 (56) | 160 (128) | 20 (20) |
| | Trichlorofluoromethane | 20 | 18.8 | ug/L | 94 | 3 | | 40 (73) | 160 (115) | 20 (16) |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 19.2 | ug/L | 96 | 2 | | 70 (80) | 130 (112) | 20 (15) |
| | 1,1-Dichloroethene | 20 | 18.0 | ug/L | 90 | 1 | | 70 (74) | 130 (110) | 20 (20) |
| | Acetone | 100 | 98.0 | ug/L | 98 | 2 | | 40 (60) | 160 (125) | 20 (20) |
| | Carbon disulfide | 20 | 16.3 | ug/L | 81 | 5 | | 40 (64) | 160 (112) | 20 (20) |
| | Methyl tert-butyl Ether | 20 | 21.1 | ug/L | 106 | 6 | | 70 (78) | 130 (114) | 20 (20) |
| | Methyl Acetate | 20 | 24.3 | ug/L | 121 | 5 | | 70 (67) | 130 (125) | 20 (20) |
| | Methylene Chloride | 20 | 20.6 | ug/L | 103 | 0 | | 70 (72) | 130 (114) | 20 (20) |
| | trans-1,2-Dichloroethene | 20 | 18.5 | ug/L | 93 | 4 | | 70 (75) | 130 (108) | 20 (16) |
| | 1,1-Dichloroethane | 20 | 19.5 | ug/L | 98 | 2 | | 70 (78) | 130 (112) | 20 (20) |
| | Cyclohexane | 20 | 18.9 | ug/L | 95 | 1 | | 70 (75) | 130 (110) | 20 (20) |
| | 2-Butanone | 100 | 110 | ug/L | 110 | 10 | | 40 (65) | 160 (122) | 20 (26) |
| | Carbon Tetrachloride | 20 | 19.5 | ug/L | 98 | 0 | | 70 (77) | 130 (113) | 20 (15) |
| | cis-1,2-Dichloroethene | 20 | 19.3 | ug/L | 97 | 0 | | 70 (77) | 130 (110) | 20 (20) |
| | Bromochloromethane | 20 | 21.4 | ug/L | 107 | 2 | | 70 (70) | 130 (124) | 20 (20) |
| | Chloroform | 20 | 20.0 | ug/L | 100 | 1 | | 70 (79) | 130 (113) | 20 (20) |
| | 1,1,1-Trichloroethane | 20 | 19.5 | ug/L | 98 | 1 | | 70 (80) | 130 (108) | 20 (20) |
| | Methylcyclohexane | 20 | 18.2 | ug/L | 91 | 2 | | 70 (72) | 130 (115) | 20 (20) |
| | Benzene | 20 | 19.5 | ug/L | 98 | 2 | | 70 (82) | 130 (109) | 20 (15) |
| | 1,2-Dichloroethane | 20 | 20.7 | ug/L | 104 | 4 | | 70 (80) | 130 (115) | 20 (20) |
| | Trichloroethene | 20 | 18.7 | ug/L | 94 | 2 | | 70 (77) | 130 (113) | 20 (15) |
| | 1,2-Dichloropropane | 20 | 20.3 | ug/L | 102 | 4 | | 70 (83) | 130 (111) | 20 (16) |
| | Bromodichloromethane | 20 | 20.4 | ug/L | 102 | 5 | | 70 (83) | 130 (110) | 20 (16) |
| | 4-Methyl-2-Pentanone | 100 | 120 | ug/L | 120 | 9 | | 40 (74) | 160 (118) | 20 (25) |
| | Toluene | 20 | 19.9 | ug/L | 100 | 1 | | 70 (82) | 130 (110) | 20 (16) |
| | t-1,3-Dichloropropene | 20 | 20.0 | ug/L | 100 | 4 | | 70 (79) | 130 (110) | 20 (20) |
| | cis-1,3-Dichloropropene | 20 | 19.8 | ug/L | 99 | 2 | | 70 (82) | 130 (110) | 20 (16) |
| | 1,1,2-Trichloroethane | 20 | 21.2 | ug/L | 106 | 3 | | 70 (83) | 130 (112) | 20 (20) |
| | 2-Hexanone | 100 | 110 | ug/L | 110 | 0 | | 40 (73) | 160 (117) | 20 (25) |
| | Dibromochloromethane | 20 | 20.7 | ug/L | 104 | 4 | | 70 (82) | 130 (110) | 20 (20) |
| | 1,2-Dibromoethane | 20 | 20.8 | ug/L | 104 | 3 | | 70 (81) | 130 (110) | 20 (20) |
| | Tetrachloroethene | 20 | 18.5 | ug/L | 93 | 1 | | 70 (67) | 130 (123) | 20 (15) |
| | Chlorobenzene | 20 | 19.6 | ug/L | 98 | 2 | | 70 (82) | 130 (109) | 20 (15) |
| | Ethyl Benzene | 20 | 19.5 | ug/L | 98 | 1 | | 70 (83) | 130 (109) | 20 (16) |
| | m/p-Xylenes | 40 | 39.1 | ug/L | 98 | 2 | | 70 (82) | 130 (110) | 20 (15) |
| | o-Xylene | 20 | 19.2 | ug/L | 96 | 0 | | 70 (83) | 130 (109) | 20 (20) |
| | Styrene | 20 | 20.1 | ug/L | 101 | 2 | | 70 (80) | 130 (111) | 20 (17) |
| | Bromoform | 20 | 20.1 | ug/L | 101 | 4 | | 70 (79) | 130 (109) | 20 (20) |
| | Isopropylbenzene | 20 | 19.4 | ug/L | 97 | 2 | | 70 (83) | 130 (112) | 20 (29) |
| | 1,1,2,2-Tetrachloroethane | 20 | 20.6 | ug/L | 103 | 5 | | 70 (76) | 130 (118) | 20 (20) |
| | 1,3-Dichlorobenzene | 20 | 19.8 | ug/L | 99 | 4 | | 70 (82) | 130 (108) | 20 (20) |
| | 1,4-Dichlorobenzene | 20 | 18.8 | ug/L | 94 | 1 | | 70 (82) | 130 (107) | 20 (15) |
| | 1,2-Dichlorobenzene | 20 | 19.5 | ug/L | 98 | 4 | | 70 (82) | 130 (109) | 20 (20) |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2553 **Analytical Method:** SW8260-Low

**Client:** First Environment, Inc. **Datafile :** VX046937.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| **VX0710WBSD01** | 1,2-Dibromo-3-Chloropropane | 20 | 20.5 | ug/L | 103 | 6 | | 40 (68) | 160 (112) | 20 (20) |
| | 1,2,4-Trichlorobenzene | 20 | 19.2 | ug/L | 96 | 8 | | 70 (75) | 130 (113) | 20 (29) |
| | 1,2,3-Trichlorobenzene | 20 | 19.6 | ug/L | 98 | 4 | | 70 (76) | 130 (114) | 20 (29) |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2553 **Analytical Method:** SW8260D

**Client:** First Environment, Inc. **Datafile :** VX046968.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX0714WBS01 | Dichlorodifluoromethane | 20 | 17.0 | ug/L | 85 | | | 40 (69) | 160 (116) | |
| | Chloromethane | 20 | 15.6 | ug/L | 78 | | | 40 (65) | 160 (116) | |
| | Vinyl chloride | 20 | 17.4 | ug/L | 87 | | | 70 (65) | 130 (117) | |
| | Bromomethane | 20 | 17.8 | ug/L | 89 | | | 40 (58) | 160 (125) | |
| | Chloroethane | 20 | 18.3 | ug/L | 92 | | | 40 (56) | 160 (128) | |
| | Trichlorofluoromethane | 20 | 18.1 | ug/L | 91 | | | 40 (73) | 160 (115) | |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 18.8 | ug/L | 94 | | | 70 (80) | 130 (112) | |
| | 1,1-Dichloroethene | 20 | 17.1 | ug/L | 86 | | | 70 (74) | 130 (110) | |
| | Acetone | 100 | 110 | ug/L | 110 | | | 40 (60) | 160 (125) | |
| | Carbon disulfide | 20 | 14.3 | ug/L | 72 | | | 40 (64) | 160 (112) | |
| | Methyl tert-butyl Ether | 20 | 22.8 | ug/L | 114 | | | 70 (78) | 130 (114) | |
| | Methyl Acetate | 20 | 30.0 | ug/L | 150 | | * | 70 (67) | 130 (125) | |
| | Methylene Chloride | 20 | 19.4 | ug/L | 97 | | | 70 (72) | 130 (114) | |
| | trans-1,2-Dichloroethene | 20 | 18.7 | ug/L | 94 | | | 70 (75) | 130 (108) | |
| | 1,1-Dichloroethane | 20 | 19.7 | ug/L | 99 | | | 70 (78) | 130 (112) | |
| | Cyclohexane | 20 | 18.8 | ug/L | 94 | | | 70 (75) | 130 (110) | |
| | 2-Butanone | 100 | 140 | ug/L | 140 | | | 40 (65) | 160 (122) | |
| | Carbon Tetrachloride | 20 | 18.8 | ug/L | 94 | | | 70 (77) | 130 (113) | |
| | cis-1,2-Dichloroethene | 20 | 19.3 | ug/L | 97 | | | 70 (77) | 130 (110) | |
| | Bromochloromethane | 20 | 20.9 | ug/L | 104 | | | 70 (70) | 130 (124) | |
| | Chloroform | 20 | 19.9 | ug/L | 100 | | | 70 (79) | 130 (113) | |
| | 1,1,1-Trichloroethane | 20 | 19.9 | ug/L | 100 | | | 70 (80) | 130 (108) | |
| | Methylcyclohexane | 20 | 17.6 | ug/L | 88 | | | 70 (72) | 130 (115) | |
| | Benzene | 20 | 19.2 | ug/L | 96 | | | 70 (82) | 130 (109) | |
| | 1,2-Dichloroethane | 20 | 20.5 | ug/L | 103 | | | 70 (80) | 130 (115) | |
| | Trichloroethene | 20 | 18.5 | ug/L | 93 | | | 70 (77) | 130 (113) | |
| | 1,2-Dichloropropane | 20 | 19.8 | ug/L | 99 | | | 70 (83) | 130 (111) | |
| | Bromodichloromethane | 20 | 19.2 | ug/L | 96 | | | 70 (83) | 130 (110) | |
| | 4-Methyl-2-Pentanone | 100 | 140 | ug/L | 140 | | | 40 (74) | 160 (118) | |
| | Toluene | 20 | 19.7 | ug/L | 99 | | | 70 (82) | 130 (110) | |
| | t-1,3-Dichloropropene | 20 | 19.7 | ug/L | 99 | | | 70 (79) | 130 (110) | |
| | cis-1,3-Dichloropropene | 20 | 19.6 | ug/L | 98 | | | 70 (82) | 130 (110) | |
| | 1,1,2-Trichloroethane | 20 | 21.5 | ug/L | 108 | | | 70 (83) | 130 (112) | |
| | 2-Hexanone | 100 | 140 | ug/L | 140 | | | 40 (73) | 160 (117) | |
| | Dibromochloromethane | 20 | 19.3 | ug/L | 97 | | | 70 (82) | 130 (110) | |
| | 1,2-Dibromoethane | 20 | 20.7 | ug/L | 104 | | | 70 (81) | 130 (110) | |
| | Tetrachloroethene | 20 | 18.4 | ug/L | 92 | | | 70 (67) | 130 (123) | |
| | Chlorobenzene | 20 | 19.4 | ug/L | 97 | | | 70 (82) | 130 (109) | |
| | Ethyl Benzene | 20 | 19.5 | ug/L | 98 | | | 70 (83) | 130 (109) | |
| | m/p-Xylenes | 40 | 39.9 | ug/L | 100 | | | 70 (82) | 130 (110) | |
| | o-Xylene | 20 | 20.2 | ug/L | 101 | | | 70 (83) | 130 (109) | |
| | Styrene | 20 | 20.4 | ug/L | 102 | | | 70 (80) | 130 (111) | |
| | Bromoform | 20 | 20.1 | ug/L | 101 | | | 70 (79) | 130 (109) | |
| | Isopropylbenzene | 20 | 19.7 | ug/L | 99 | | | 70 (83) | 130 (112) | |
| | 1,1,2,2-Tetrachloroethane | 20 | 22.6 | ug/L | 113 | | | 70 (76) | 130 (118) | |
| | 1,3-Dichlorobenzene | 20 | 19.7 | ug/L | 99 | | | 70 (82) | 130 (108) | |
| | 1,4-Dichlorobenzene | 20 | 18.9 | ug/L | 95 | | | 70 (82) | 130 (107) | |
| | 1,2-Dichlorobenzene | 20 | 19.7 | ug/L | 99 | | | 70 (82) | 130 (109) | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2553 **Analytical Method:** SW8260D

**Client:** First Environment, Inc. **Datafile :** VX046968.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX0714WBS01 | 1,2-Dibromo-3-Chloropropane | 20 | 24.8 | ug/L | 124 | | | 40 (68) | 160 (112) | |
| | 1,2,4-Trichlorobenzene | 20 | 19.1 | ug/L | 96 | | | 70 (75) | 130 (113) | |
| | 1,2,3-Trichlorobenzene | 20 | 20.0 | ug/L | 100 | | | 70 (76) | 130 (114) | |

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# VOLATILE METHOD BLANK SUMMARY

Client ID: VX0710WBL01

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: VX046935.D Lab Sample ID: VX0710WBL01

Date Analyzed: 07/10/2025 Time Analyzed: 11:44

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 |
|---|---|---|---|
| VX0710WBS01 | VX0710WBS01 | VX046936.D | 07/10/2025 |
| VX0710WBSD01 | VX0710WBSD01 | VX046937.D | 07/10/2025 |
| TB | Q2553-06 | VX046939.D | 07/10/2025 |
| AOC-201 | Q2553-01 | VX046943.D | 07/10/2025 |
| AOC-202 | Q2553-02 | VX046944.D | 07/10/2025 |
| AOC-203 | Q2553-03 | VX046945.D | 07/10/2025 |
| AOC-205 | Q2553-04 | VX046946.D | 07/10/2025 |

COMMENTS:

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# VOLATILE METHOD BLANK SUMMARY

Client ID: VX0714WBL01

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2553

Lab File ID: VX046963.D | Lab Sample ID: VX0714WBL01

Date Analyzed: 07/14/2025 | Time Analyzed: 11:18

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 |
|---|---|---|---|
| VX0714WBS01 | VX0714WBS01 | VX046968.D | 07/14/2025 |
| FB | Q2553-05 | VX046984.D | 07/14/2025 |

COMMENTS:

Raw Data: **VX046859.D**

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

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2553

Lab File ID: VX046859.D | BFB Injection Date: 07/02/2025

Instrument ID: MSVOA_X | BFB Injection Time: 11:12

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 | 18.2 |
| 75 | 30.0 - 60.0% of mass 95 | 50.1 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.4 |
| 173 | Less than 2.0% of mass 174 | 0.8 ( 1 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 75.5 |
| 175 | 5.0 - 9.0% of mass 174 | 5.6 ( 7.4 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 73.3 ( 97.1 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.9 ( 6.7 ) 2 |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDICC001 | VSTDICC001 | VX046860.D | 07/02/2025 | 12:11 |
| VSTDICC005 | VSTDICC005 | VX046861.D | 07/02/2025 | 12:37 |
| VSTDICC020 | VSTDICC020 | VX046862.D | 07/02/2025 | 13:18 |
| VSTDICCC050 | VSTDICCC050 | VX046863.D | 07/02/2025 | 13:39 |
| VSTDICC100 | VSTDICC100 | VX046864.D | 07/02/2025 | 14:10 |
| VSTDICC150 | VSTDICC150 | VX046865.D | 07/02/2025 | 14:31 |

Raw Data: **VX046932.D**

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

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2553

Lab File ID: VX046932.D | BFB Injection Date: 07/10/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:43

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

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 19.2 |
| 75 | 30.0 - 60.0% of mass 95 | 52.3 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 |
| 173 | Less than 2.0% of mass 174 | 0.7 ( 1 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 75.5 |
| 175 | 5.0 - 9.0% of mass 174 | 5.7 ( 7.6 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 71.9 ( 95.2 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.1 ( 7.1 ) 2 |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VX046933.D | 07/10/2025 | 09:54 |
| VX0710WBL01 | VX0710WBL01 | VX046935.D | 07/10/2025 | 11:44 |
| VX0710WBS01 | VX0710WBS01 | VX046936.D | 07/10/2025 | 12:10 |
| VX0710WBSD01 | VX0710WBSD01 | VX046937.D | 07/10/2025 | 12:35 |
| TB | Q2553-06 | VX046939.D | 07/10/2025 | 13:18 |
| AOC-201 | Q2553-01 | VX046943.D | 07/10/2025 | 14:43 |
| AOC-202 | Q2553-02 | VX046944.D | 07/10/2025 | 15:04 |
| AOC-203 | Q2553-03 | VX046945.D | 07/10/2025 | 15:26 |
| AOC-205 | Q2553-04 | VX046946.D | 07/10/2025 | 15:47 |

Raw Data: **VX046960.D**

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

Lab Name: Alliance
Contract: FIRS02
Lab Code: ACE
SDG NO.: Q2553
Lab File ID: VX046960.D
BFB Injection Date: 07/14/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:10
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 | 18.8 |
| 75 | 30.0 - 60.0% of mass 95 | 51.6 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.4 |
| 173 | Less than 2.0% of mass 174 | 0.9 ( 1.2 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 75.2 |
| 175 | 5.0 - 9.0% of mass 174 | 5.4 ( 7.1 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 73.8 ( 98.2 ) 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 |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VX046961.D | 07/14/2025 | 09:16 |
| VX0714WBL01 | VX0714WBL01 | VX046963.D | 07/14/2025 | 11:18 |
| VX0714WBS01 | VX0714WBS01 | VX046968.D | 07/14/2025 | 13:10 |
| FB | Q2553-05 | VX046984.D | 07/14/2025 | 18:56 |

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

# VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: VX046933.D Date Analyzed: 07/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:54

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 | 309661 | 5.56 | 506196 | 6.76 | 449744 | 10.05 |
| UPPER LIMIT | 619322 | 6.056 | 1012390 | 7.263 | 899488 | 10.549 |
| LOWER LIMIT | 154831 | 5.056 | 253098 | 6.263 | 224872 | 9.549 |
| EPA SAMPLE NO. | | | | | | |
| AOC-201 | 320576 | 5.56 | 555832 | 6.77 | 518959 | 10.06 |
| AOC-202 | 457019 | 5.57 | 802756 | 6.77 | 753351 | 10.06 |
| AOC-203 | 394931 | 5.56 | 673452 | 6.77 | 623779 | 10.06 |
| AOC-205 | 431287 | 5.56 | 760941 | 6.77 | 704204 | 10.06 |
| TB | 354436 | 5.56 | 642674 | 6.77 | 599480 | 10.06 |
| VX0710WBL01 | 311309 | 5.56 | 568946 | 6.76 | 543608 | 10.06 |
| VX0710WBS01 | 342120 | 5.56 | 567066 | 6.76 | 521192 | 10.06 |
| VX0710WBSD01 | 319533 | 5.56 | 525170 | 6.76 | 482068 | 10.06 |

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: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: VX046933.D Date Analyzed: 07/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:54

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

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 231018 | 12.018 | | | | |
| UPPER LIMIT | 462036 | 12.518 | | | | |
| LOWER LIMIT | 115509 | 11.518 | | | | |
| EPA SAMPLE NO. | | | | | | |
| AOC-201 | 227982 | 12.02 | | | | |
| AOC-202 | 386856 | 12.02 | | | | |
| AOC-203 | 297586 | 12.02 | | | | |
| AOC-205 | 362481 | 12.02 | | | | |
| TB | 308124 | 12.02 | | | | |
| VX0710WBL01 | 271904 | 12.02 | | | | |
| VX0710WBS01 | 270401 | 12.02 | | | | |
| VX0710WBSD01 | 249133 | 12.02 | | | | |

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: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: VX046961.D Date Analyzed: 07/14/2025

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 | 302863 | 5.56 | 503750 | 6.76 | 451308 | 10.05 |
| UPPER LIMIT | 605726 | 6.056 | 1007500 | 7.263 | 902616 | 10.549 |
| LOWER LIMIT | 151432 | 5.056 | 251875 | 6.263 | 225654 | 9.549 |
| EPA SAMPLE NO. | | | | | | |
| FB | 356948 | 5.57 | 602998 | 6.77 | 548783 | 10.06 |
| VX0714WBL01 | 330854 | 5.56 | 558126 | 6.77 | 513014 | 10.06 |
| VX0714WBS01 | 311322 | 5.57 | 518025 | 6.77 | 465228 | 10.06 |

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: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: VX046961.D Date Analyzed: 07/14/2025

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 | 220043 | 12.018 | | | | |
| UPPER LIMIT | 440086 | 12.518 | | | | |
| LOWER LIMIT | 110022 | 11.518 | | | | |
| EPA SAMPLE NO. | | | | | | |
| FB | 281291 | 12.02 | | | | |
| VX0714WBL01 | 263407 | 12.02 | | | | |
| VX0714WBS01 | 241384 | 12.02 | | | | |

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

Raw Data: **VX046943.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-201 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046943.D | 1 | 07/10/25 14:43 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 74-87-3 | Chloromethane | 5.00 | U | 0.32 | 5.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 5.00 | U | 0.26 | 5.00 | ug/L |
| 74-83-9 | Bromomethane | 5.00 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 5.00 | U | 0.47 | 5.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 5.00 | U | 0.33 | 5.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 5.00 | U | 0.25 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 67-64-1 | Acetone | 8.10 | J | 1.50 | 25.0 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.94 | J | 0.21 | 5.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-20-9 | Methyl Acetate | 5.00 | U | 0.27 | 5.00 | ug/L |
| 75-09-2 | Methylene Chloride | 5.00 | U | 0.28 | 5.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 5.00 | U | 0.23 | 5.00 | ug/L |
| 110-82-7 | Cyclohexane | 19.5 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 25.0 | U | 0.98 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 5.00 | U | 0.25 | 5.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 74-97-5 | Bromochloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 5.00 | U | 0.25 | 5.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 48.2 | | 0.16 | 5.00 | ug/L |
| 71-43-2 | Benzene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 5.00 | U | 0.090 | 5.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 25.0 | U | 0.68 | 25.0 | ug/L |
| 108-88-3 | Toluene | 5.00 | U | 0.14 | 5.00 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-201 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046943.D | 1 | 07/10/25 14:43 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 5.00 | U | 0.17 | 5.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 5.00 | U | 0.21 | 5.00 | ug/L |
| 591-78-6 | 2-Hexanone | 25.0 | U | 0.89 | 25.0 | ug/L |
| 124-48-1 | Dibromochloromethane | 5.00 | U | 0.18 | 5.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 5.00 | U | 0.15 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 33.4 | | 0.13 | 5.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 1.20 | J | 0.24 | 10.0 | ug/L |
| 95-47-6 | o-Xylene | 0.34 | J | 0.12 | 5.00 | ug/L |
| 100-42-5 | Styrene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 75-25-2 | Bromoform | 5.00 | U | 0.19 | 5.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 82.8 | | 0.12 | 5.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.00 | U | 0.26 | 5.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 5.00 | U | 0.53 | 5.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 51.4 | | 70 (74) - 130 (125) | 103% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.1 | | 70 (75) - 130 (124) | 98% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 49.8 | | 70 (86) - 130 (113) | 100% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 52.3 | | 70 (77) - 130 (121) | 105% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 321000 | 5.562 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 556000 | 6.769 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 519000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 228000 | 12.018 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-201 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046943.D | 1 | 07/10/25 14:43 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 000107-83-5 | Pentane, 2-methyl- | 92.1 | J | | 2.84 | ug/L |
| 000565-59-3 | Pentane, 2,3-dimethyl- | 86.1 | J | | 5.63 | ug/L |
| 000589-34-4 | Hexane, 3-methyl- | 91.5 | J | | 5.84 | ug/L |
| 103-65-1 | n-propylbenzene | 280 | J | | 11.3 | ug/L |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 150 | J | | 11.4 | ug/L |
| 108-67-8 | 1,3,5-Trimethylbenzene | 46.3 | J | | 11.5 | ug/L |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 120 | J | | 11.6 | ug/L |
| 95-63-6 | 1,2,4-Trimethylbenzene | 680 | J | | 11.8 | ug/L |
| 135-98-8 | sec-Butylbenzene | 25.0 | J | | 11.9 | ug/L |
| 99-87-6 | p-Isopropyltoluene | 7.80 | J | | 12.0 | ug/L |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 170 | J | | 12.1 | ug/L |
| 000300-57-2 | Benzene, 2-propenyl- | 190 | J | | 12.2 | ug/L |
| 104-51-8 | n-Butylbenzene | 34.4 | J | | 12.3 | ug/L |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 140 | J | | 12.5 | ug/L |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 280 | J | | 12.6 | ug/L |
| 000767-58-8 | Indan, 1-methyl- | 190 | J | | 12.7 | ug/L |
| 000095-93-2 | Benzene, 1,2,4,5-tetramethyl- | 160 | J | | 12.9 | ug/L |
| 000488-23-3 | Benzene, 1,2,3,4-tetramethyl- | 200 | J | | 13.0 | ug/L |
| 003454-07-7 | Benzene, 1-ethenyl-4-ethyl- | 150 | J | | 13.2 | ug/L |
| 000824-22-6 | 1H-Indene, 2,3-dihydro-4-methyl- | 340 | J | | 13.3 | ug/L |

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

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

Sample Results: **VX046943.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 11 01:30:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 320576 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 555832 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 518959 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 227982 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 217617 | 51.384 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 102.760% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 185290 | 49.109 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 98.220% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 662636 | 49.777 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.560% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 264843 | 52.348 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 104.700% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.386 | 43 | 10705m | 8.137 | ug/l | |
| 17) Carbon Disulfide | 2.532 | 76 | 8591 | 0.942 | ug/l # | 93 |
| 31) Cyclohexane | 5.501 | 56 | 117963 | 19.486 | ug/l # | 65 |
| 39) Methylcyclohexane | 7.385 | 83 | 306674 | 48.160 | ug/l | 95 |
| 67) Ethyl Benzene | 10.195 | 91 | 641493 | 33.385 | ug/l | 100 |
| 68) m/p-Xylenes | 10.305 | 106 | 8724 | 1.205 | ug/l # | 1 |
| 69) o-Xylene | 10.646 | 106 | 2362 | 0.338 | ug/l | 78 |
| 73) Isopropylbenzene | 10.963 | 105 | 1326524 | 82.771 | ug/l | 100 |
| 78) n-propylbenzene | 11.305 | 91 | 5453332 | 282.194 | ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 603526 | 46.346 | ug/l | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 8885482 | 675.065 | ug/l | 98 |
| 85) sec-Butylbenzene | 11.890 | 105 | 423115 | 24.951 | ug/l | 95 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 110221 | 7.762 | ug/l # | 76 |
| 89) n-Butylbenzene | 12.329 | 91 | 459428m | 34.432 | ug/l | |

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

Sample Results: **VX046943.D**

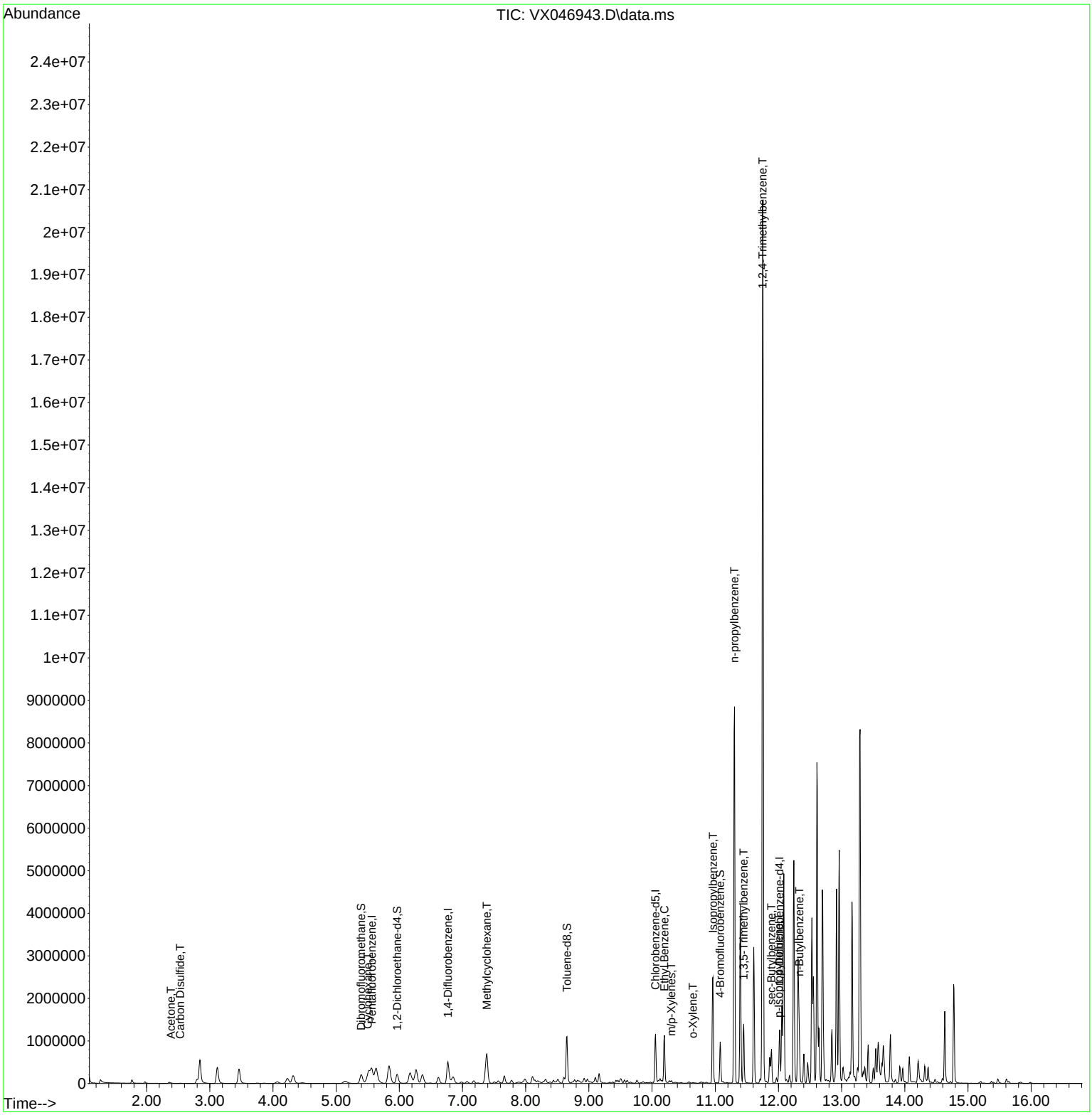
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

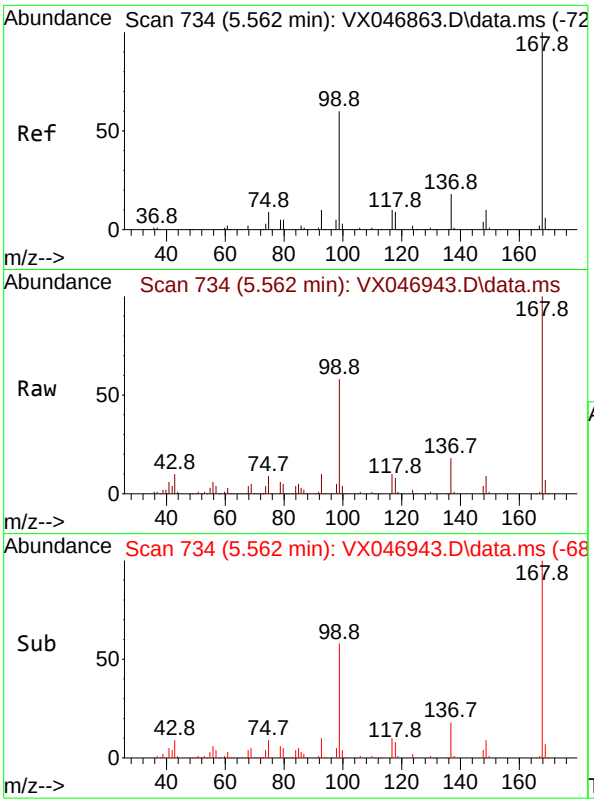
Quant Time: Jul 11 01:30:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

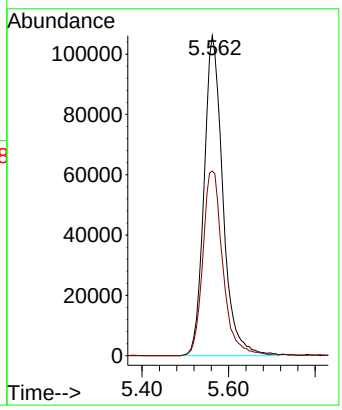





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:168 Resp: 32057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.7 | 48.8 | 73.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

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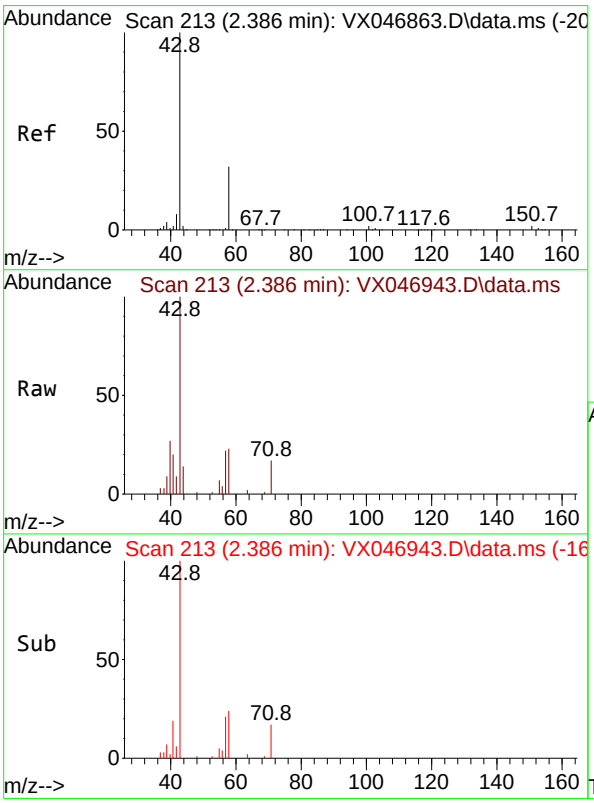
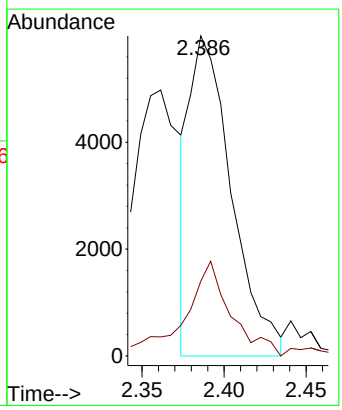
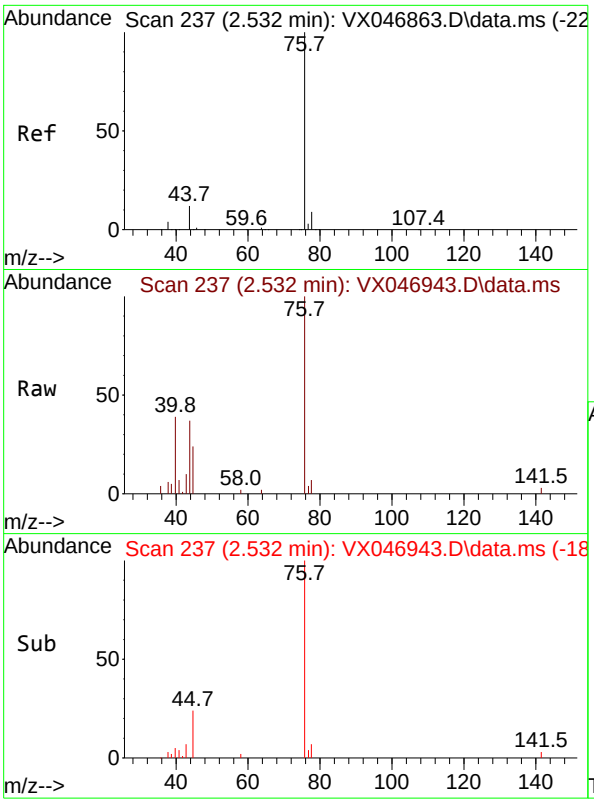



#16
Acetone
Concen: 8.137 ug/l m
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 43 Resp: 10705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.3 | 25.8 | 38.6# |






#17
Carbon Disulfide
Concen: 0.942 ug/l
RT: 2.532 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 76 Resp: 859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 6.8 | 7.4 | 11.2# |

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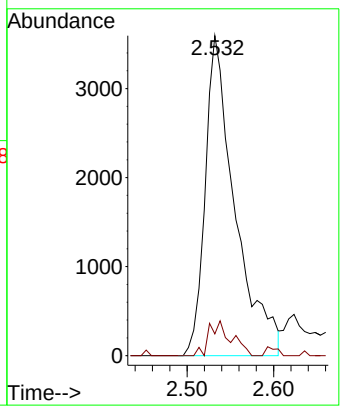
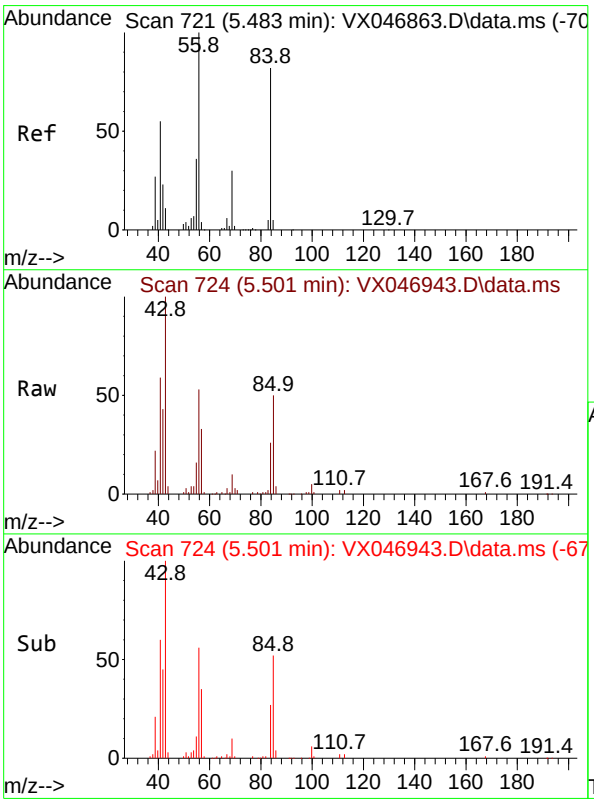
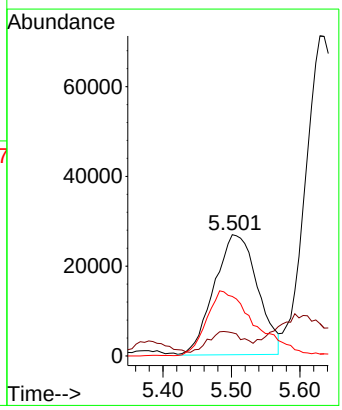


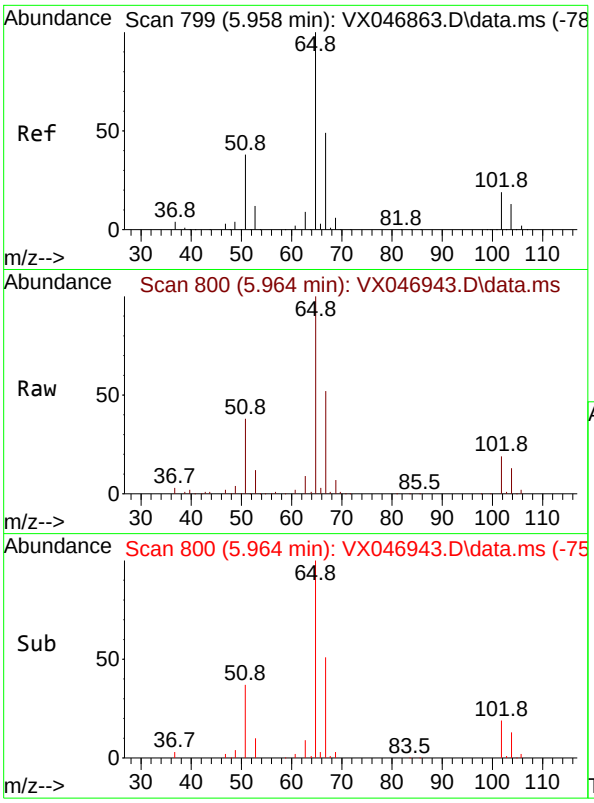




#31
Cyclohexane
Concen: 19.486 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.018 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 56 Resp: 117963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 14.2 | 24.0 | 36.0# |
| 84 | 49.4 | 66.5 | 99.7# |






#33
1,2-Dichloroethane-d4
Concen: 51.384 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 65 Resp: 21761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.9 | 0.0 | 105.2 |

**Instrument :**
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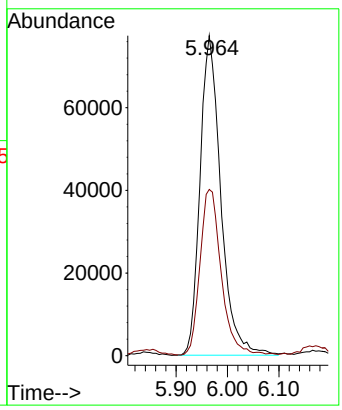
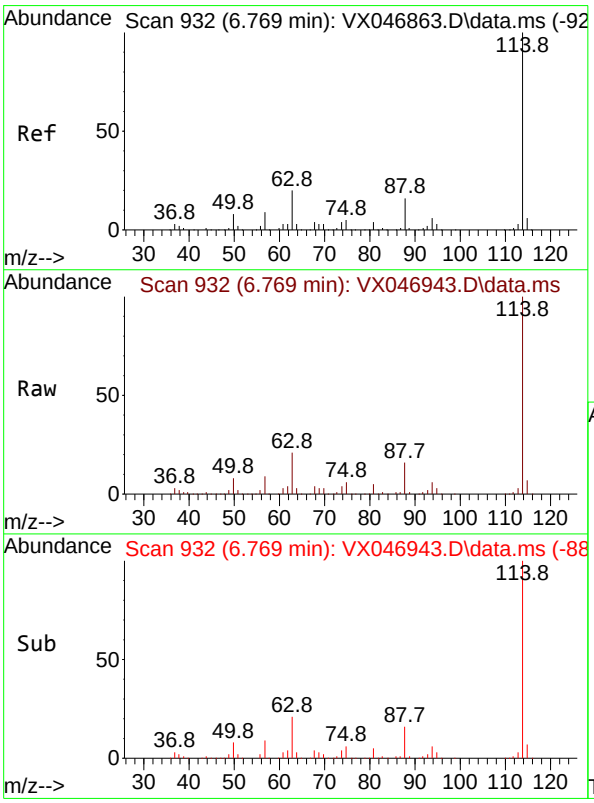
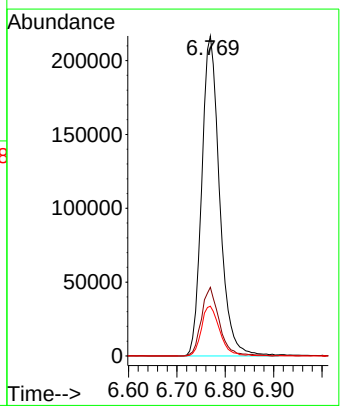


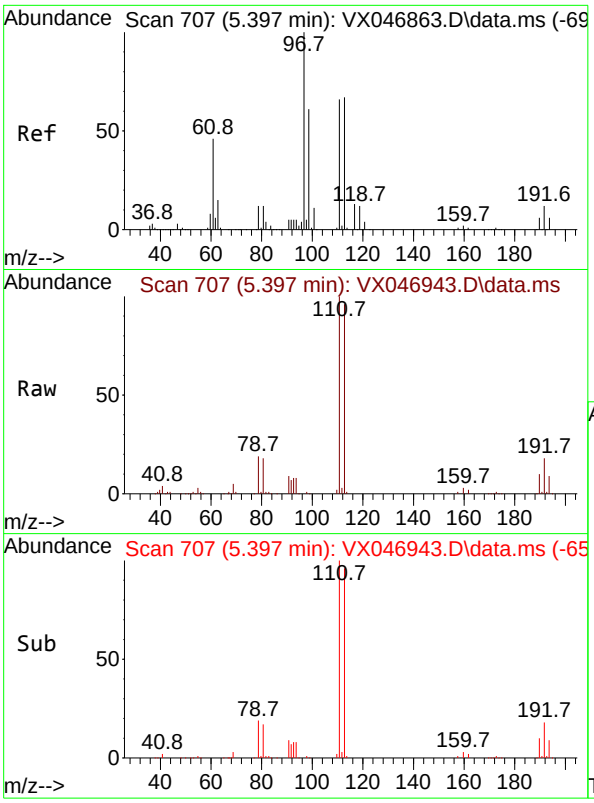




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:114 Resp: 555832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.4 | 0.0 | 40.4 |
| 88 | 15.6 | 0.0 | 31.0 |

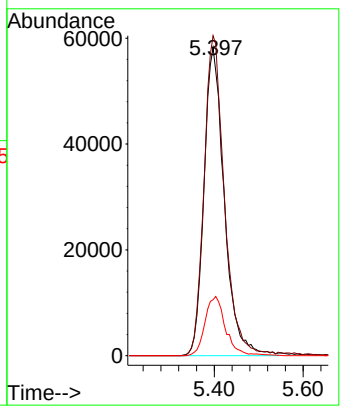





#35
Dibromofluoromethane
Concen: 49.109 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:113 Resp: 18529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.9 | 81.2 | 121.8 |
| 192 | 19.5 | 15.3 | 22.9 |




**Instrument :**
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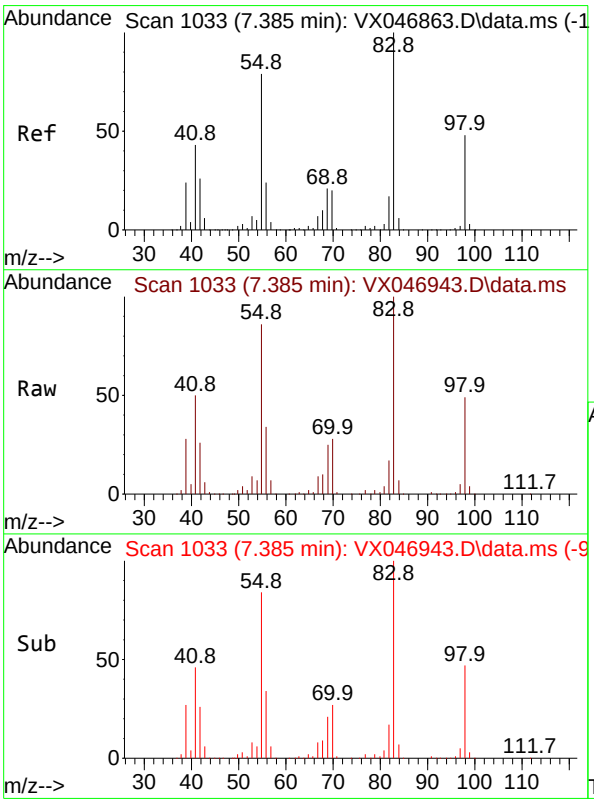
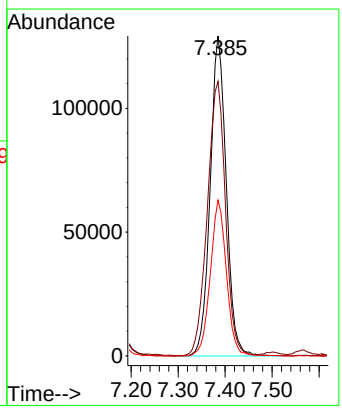
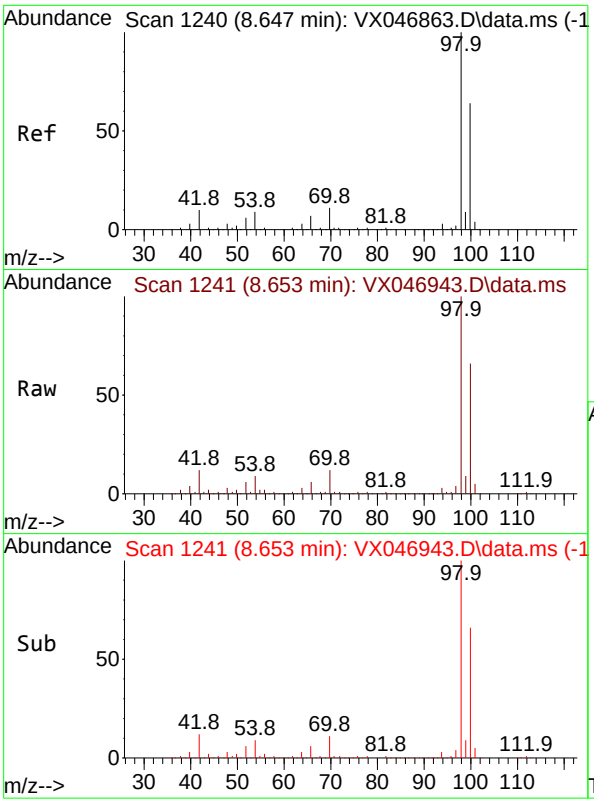



#39
Methylcyclohexane
Concen: 48.160 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 83 Resp: 306674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 85.6 | 63.0 | 94.4 |
| 98 | 48.7 | 38.5 | 57.7 |

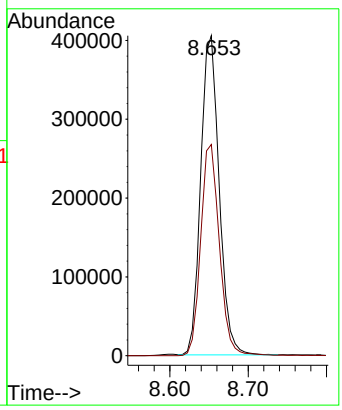





#50
Toluene-d8
Concen: 49.777 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 98 Resp: 66263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.1 | 53.0 | 79.6 |




**Instrument :**
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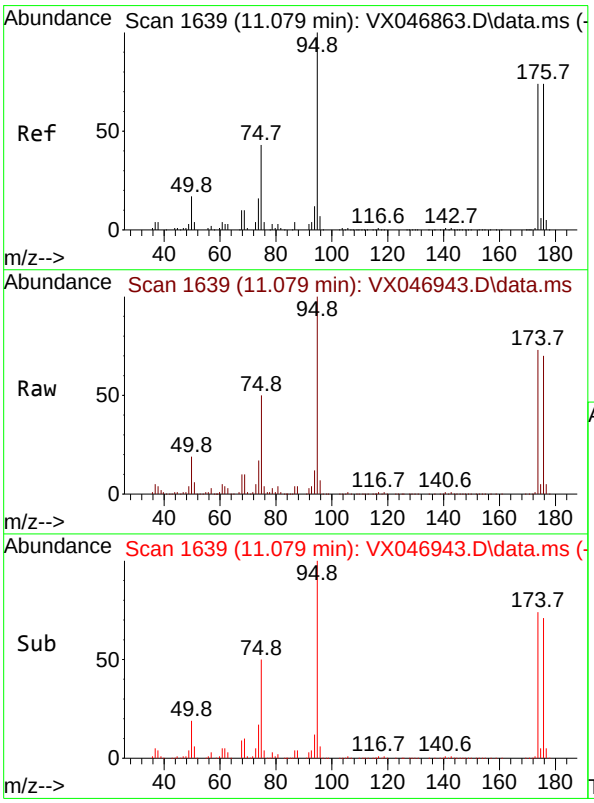
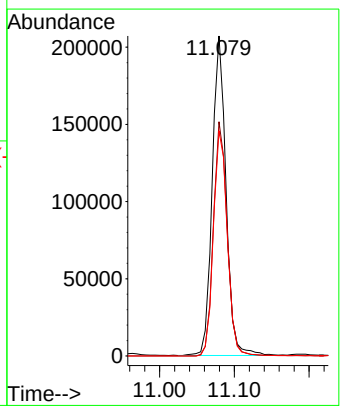
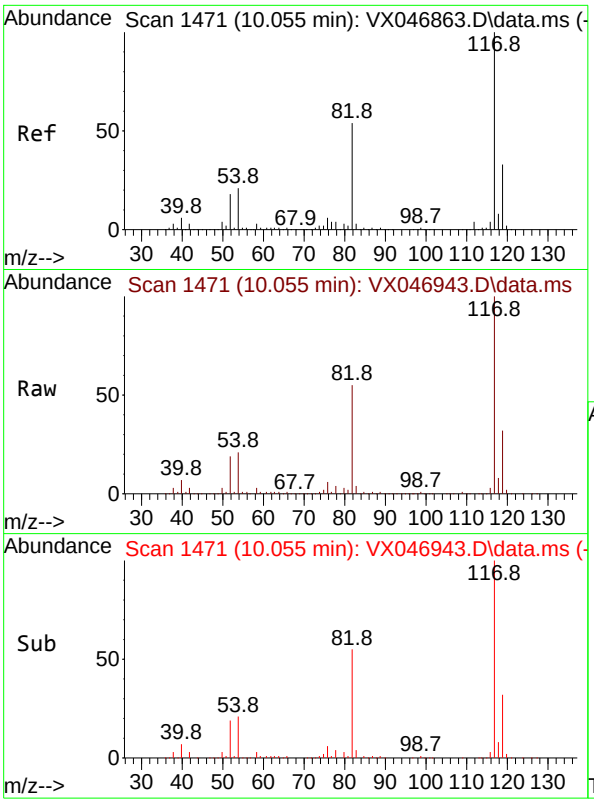



#62
4-Bromofluorobenzene
Concen: 52.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 95 Resp: 264843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.4 | 0.0 | 152.0 |
| 176 | 71.2 | 0.0 | 145.2 |

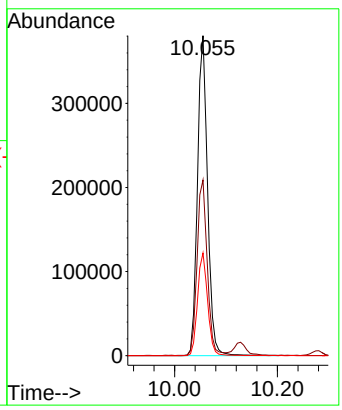





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:117 Resp: 51895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.8 | 43.3 | 64.9 |
| 119 | 32.1 | 26.4 | 39.6 |




**Instrument :**
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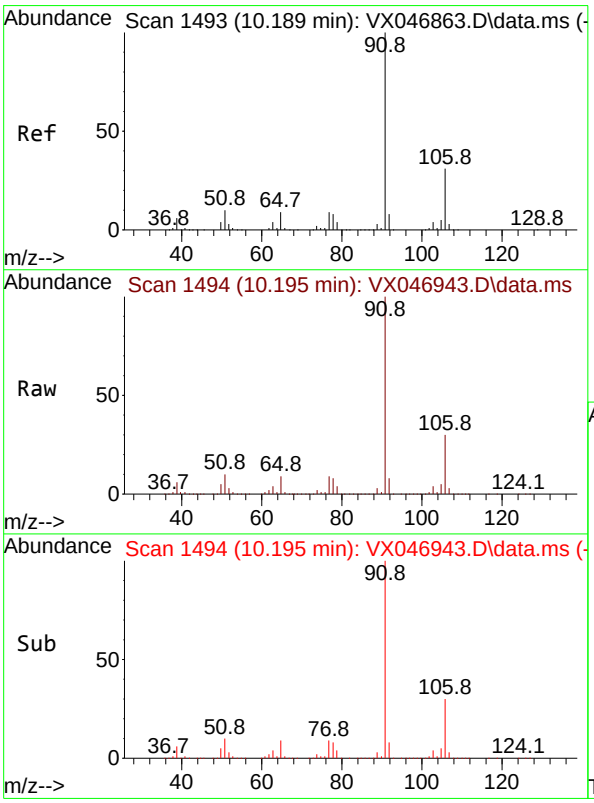
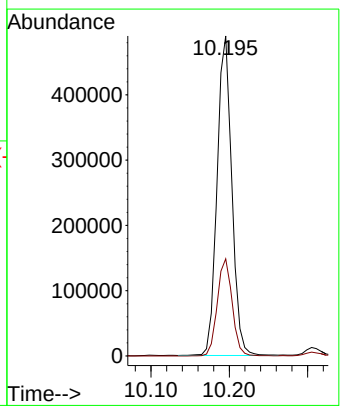
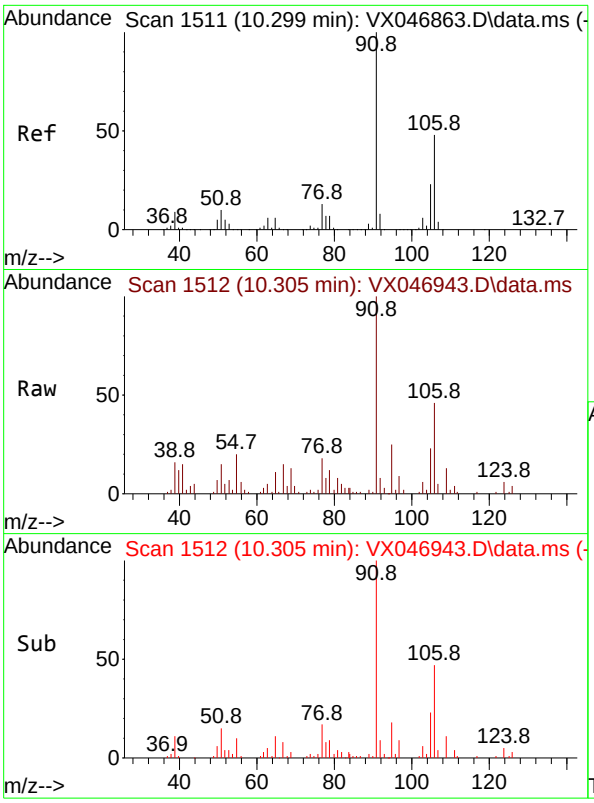



#67
Ethyl Benzene
Concen: 33.385 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 91 Resp: 641493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 24.4 | 36.6 |






#68
m/p-Xylenes
Concen: 1.205 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:106 Resp: 872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 0.0 | 164.6 | 246.8 |

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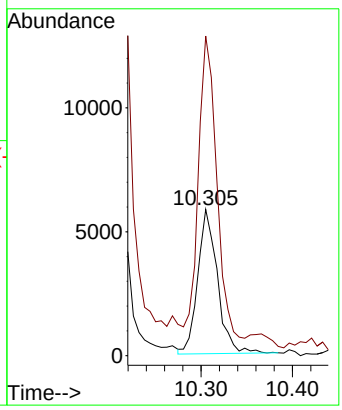
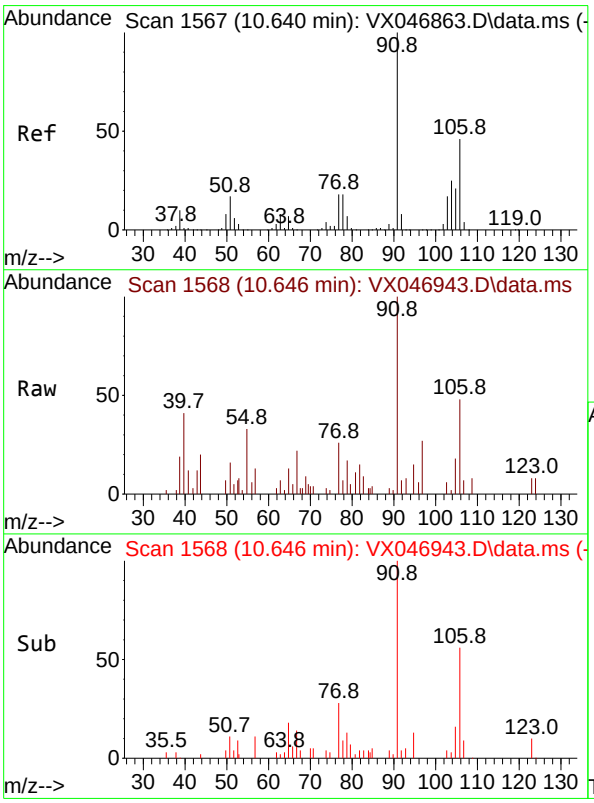
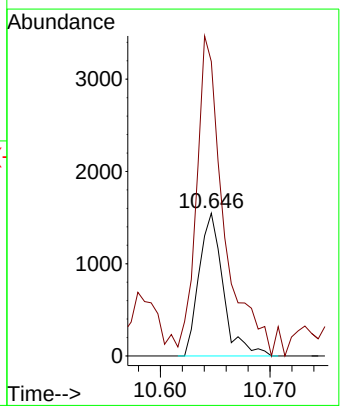


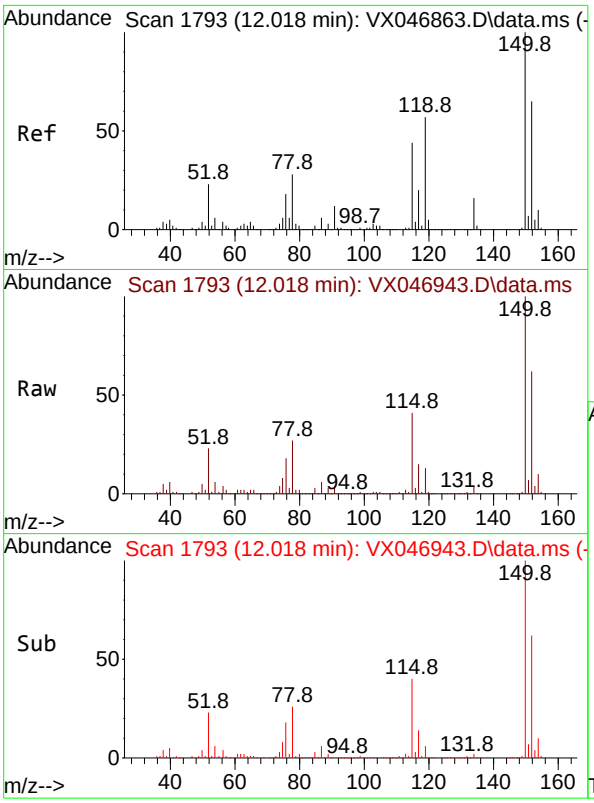




#69
o-Xylene
Concen: 0.338 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:106 Resp: 2362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 253.9 | 109.5 | 328.5 |

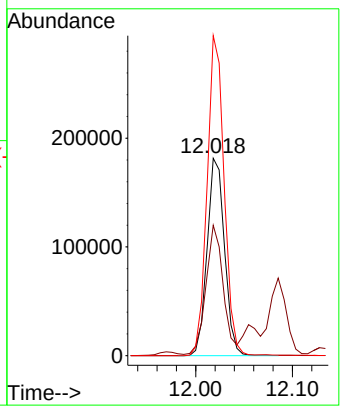





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:152 Resp: 22798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.5 | 42.4 | 127.1 |
| 150 | 158.2 | 0.0 | 349.2 |

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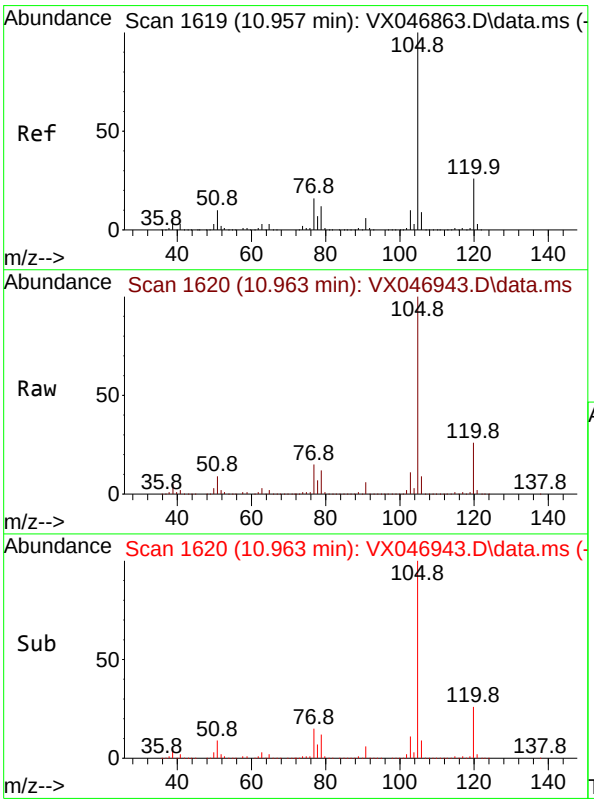
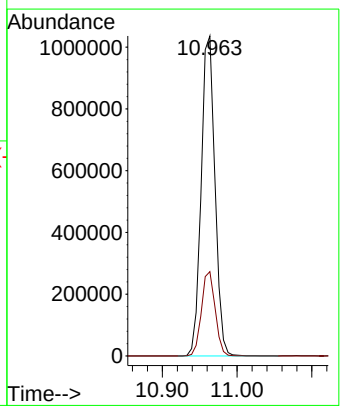
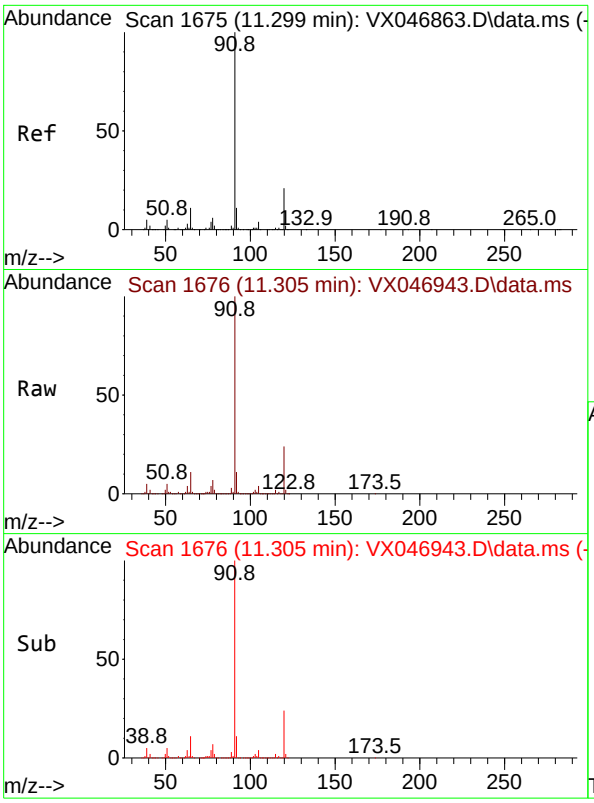



#73
Isopropylbenzene
Concen: 82.771 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:105 Resp: 1326524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.3 | 13.2 | 39.5 |






#78
n-propylbenzene
Concen: 282.194 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 91 Resp: 545333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.9 | 11.2 | 33.5 |

**Instrument :**
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AOC-201

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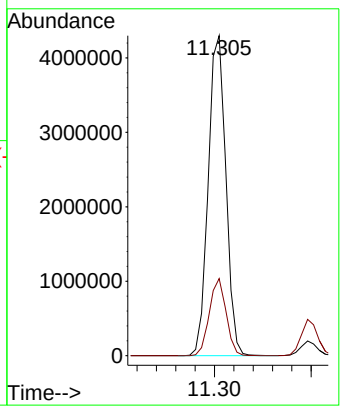
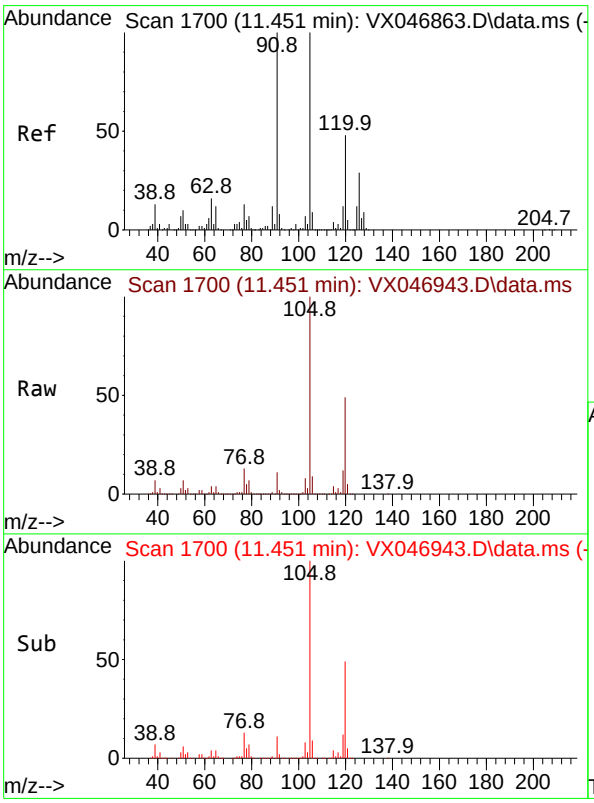
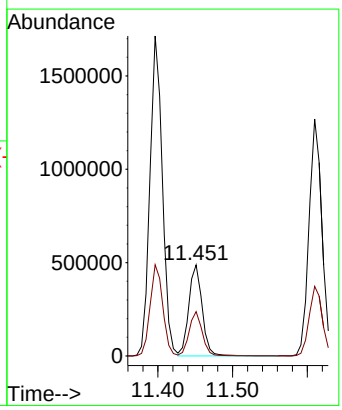


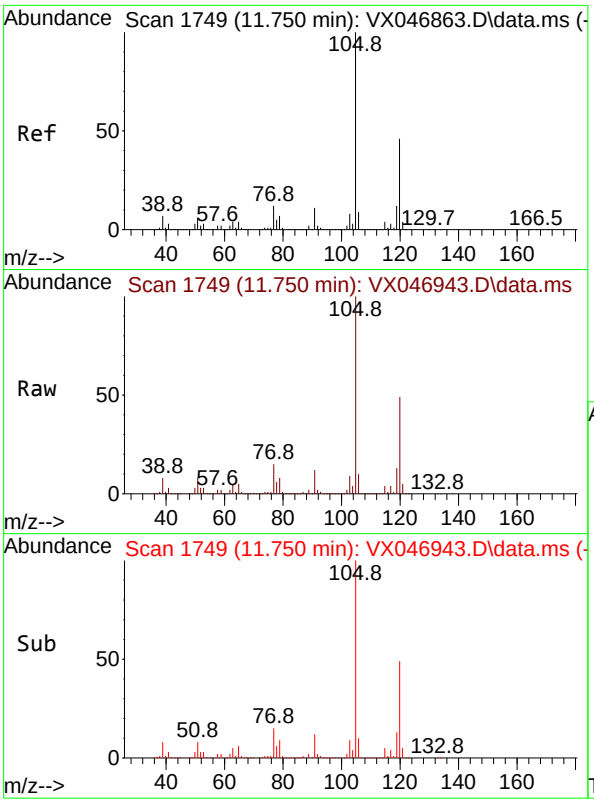




#80
1,3,5-Trimethylbenzene
Concen: 46.346 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:105 Resp: 603526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 24.1 | 72.4 |

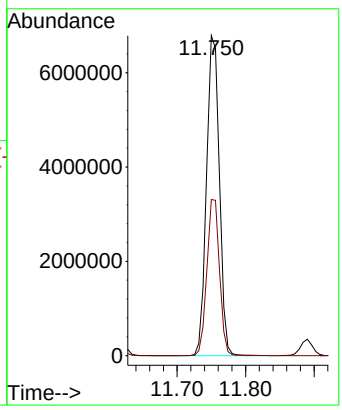





#84
1,2,4-Trimethylbenzene
Concen: 675.065 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:105 Resp: 888548

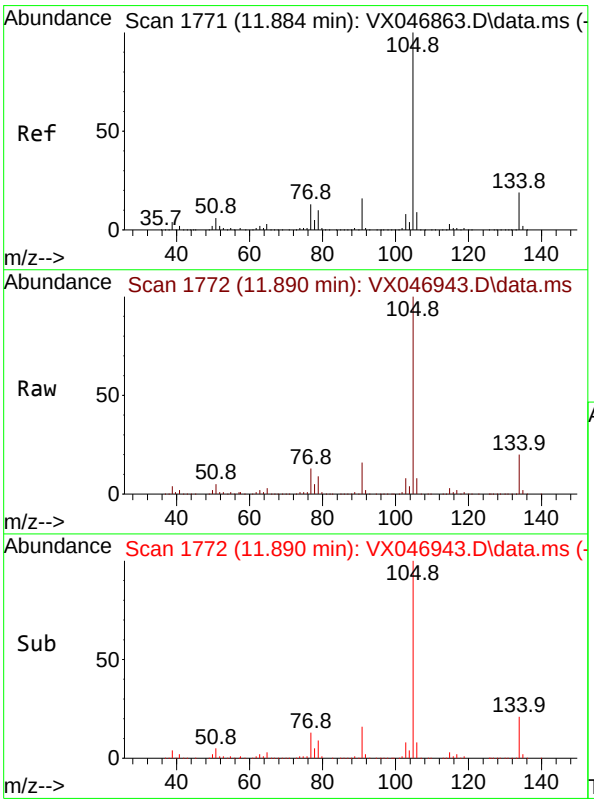
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 23.3 | 69.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

**Manual Integrations**
**APPROVED**

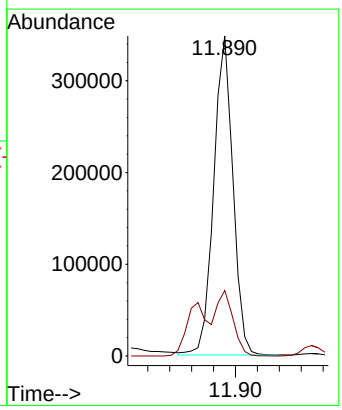
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

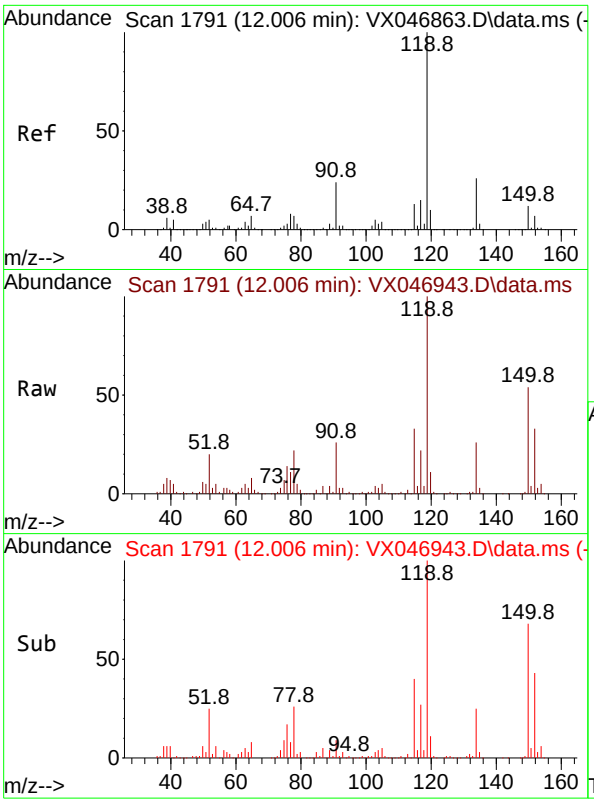



#85
sec-Butylbenzene
Concen: 24.951 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:105 Resp: 423115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 17.5 | 9.9 | 29.7 |

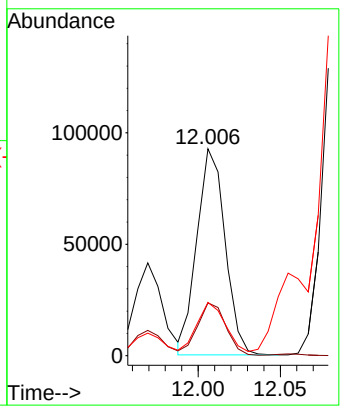





#86
p-Isopropyltoluene
Concen: 7.762 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:119 Resp: 11022

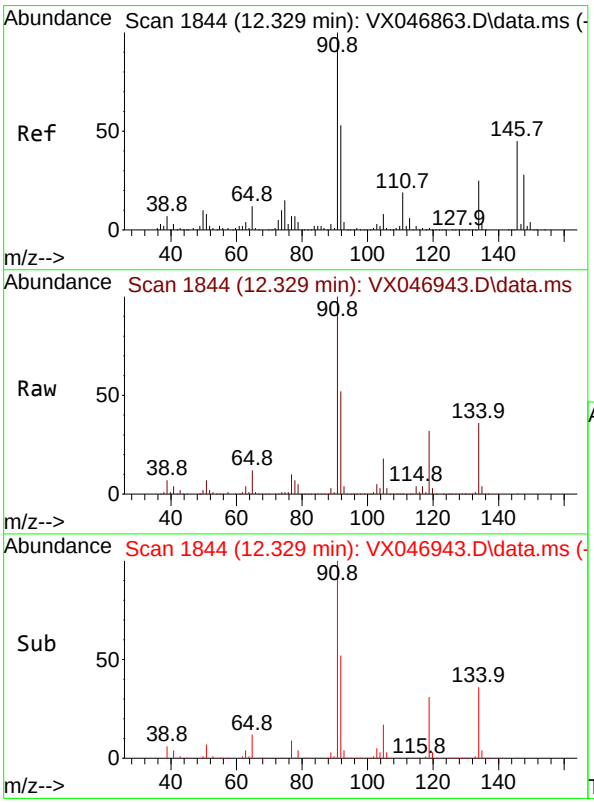
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.5 | 13.0 | 39.0 |
| 91 | 0.0 | 12.0 | 36.1# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

**Manual Integrations**
**APPROVED**

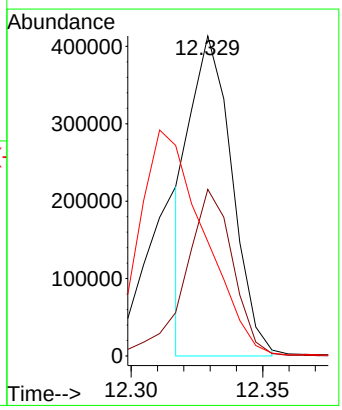
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025




#89
n-Butylbenzene
Concen: 34.432 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 91 Resp: 459428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.7 | 27.0 | 81.0 |
| 134 | 107.7 | 12.8 | 38.4# |



LSC Area Percent Report

Sample Results: **VX046943.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046943.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.843 | 282 | 288 | 319 | rVB | 544390 | 1322683 | 5.07% | 0.784% |
| 2 | 3.117 | 323 | 333 | 355 | rBV | 378812 | 962934 | 3.69% | 0.571% |
| 3 | 3.465 | 381 | 390 | 419 | rBV | 335789 | 858702 | 3.29% | 0.509% |
| 4 | 4.227 | 503 | 515 | 522 | rBV2 | 114361 | 358704 | 1.37% | 0.213% |
| 5 | 4.318 | 522 | 530 | 546 | rVB | 178308 | 546056 | 2.09% | 0.324% |
| 6 | 5.397 | 694 | 707 | 715 | rBV3 | 206031 | 660418 | 2.53% | 0.391% |
| 7 | 5.519 | 715 | 727 | 729 | rBV5 | 268043 | 718283 | 2.75% | 0.426% |
| 8 | 5.629 | 740 | 745 | 767 | rVB | 354932 | 1236272 | 4.74% | 0.733% |
| 9 | 5.836 | 767 | 779 | 792 | rBV2 | 407801 | 1313932 | 5.04% | 0.779% |
| 10 | 5.964 | 792 | 800 | 817 | rVV2 | 210091 | 588086 | 2.25% | 0.348% |
| 11 | 6.172 | 819 | 834 | 842 | rVV3 | 244565 | 855426 | 3.28% | 0.507% |
| 12 | 6.263 | 842 | 849 | 858 | rVV2 | 316091 | 991797 | 3.80% | 0.588% |
| 13 | 6.367 | 858 | 866 | 881 | rVB2 | 198545 | 604461 | 2.32% | 0.358% |
| 14 | 6.617 | 895 | 907 | 923 | rBV3 | 141461 | 379990 | 1.46% | 0.225% |
| 15 | 6.769 | 923 | 932 | 940 | rBV | 506213 | 1323226 | 5.07% | 0.784% |
| 16 | 6.848 | 940 | 945 | 959 | rVB3 | 148455 | 451672 | 1.73% | 0.268% |
| 17 | 7.385 | 1020 | 1033 | 1046 | rBV2 | 693543 | 1911359 | 7.33% | 1.133% |
| 18 | 7.659 | 1072 | 1078 | 1090 | rVB | 171033 | 363663 | 1.39% | 0.215% |
| 19 | 7.988 | 1123 | 1132 | 1143 | rVB4 | 100537 | 307348 | 1.18% | 0.182% |
| 20 | 8.110 | 1143 | 1152 | 1156 | rBV2 | 158777 | 355592 | 1.36% | 0.211% |
| 21 | 8.653 | 1235 | 1241 | 1251 | rVB | 1089806 | 1914872 | 7.34% | 1.135% |
| 22 | 9.159 | 1320 | 1324 | 1335 | rVB | 220057 | 406103 | 1.56% | 0.241% |
| 23 | 10.055 | 1466 | 1471 | 1476 | rBV | 1139806 | 1539473 | 5.90% | 0.912% |
| 24 | 10.195 | 1489 | 1494 | 1502 | rVB | 1106129 | 1458425 | 5.59% | 0.864% |
| 25 | 10.963 | 1614 | 1620 | 1628 | rBV | 2487288 | 3251425 | 12.46% | 1.927% |
| 26 | 11.079 | 1634 | 1639 | 1644 | rBV | 963892 | 1217739 | 4.67% | 0.722% |
| 27 | 11.305 | 1670 | 1676 | 1684 | rVB | 8836552 | 11082884 | 42.48% | 6.568% |
| 28 | 11.396 | 1686 | 1691 | 1696 | rVV | 4180158 | 4861873 | 18.64% | 2.881% |
| 29 | 11.451 | 1696 | 1700 | 1721 | rVB | 1392132 | 1736315 | 6.66% | 1.029% |
| 30 | 11.610 | 1721 | 1726 | 1737 | rBV | 3196306 | 3852414 | 14.77% | 2.283% |
| 31 | 11.750 | 1744 | 1749 | 1757 | rVB | 20704203 | 26089426 | 100.00% | 15.460% |
| 32 | 11.860 | 1763 | 1767 | 1769 | rBV | 590853 | 726167 | 2.78% | 0.430% |
| 33 | 11.890 | 1769 | 1772 | 1779 | rVB | 793931 | 966618 | 3.71% | 0.573% |
| 34 | 12.018 | 1788 | 1793 | 1796 | rBV2 | 1220557 | 1647648 | 6.32% | 0.976% |
| 35 | 12.055 | 1796 | 1799 | 1801 | rVV | 1784158 | 2259136 | 8.66% | 1.339% |
| 36 | 12.085 | 1801 | 1804 | 1809 | rVB | 4864866 | 5649475 | 21.65% | 3.348% |

Sample Results: **VX046943.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.244 | 1824 | 1830 | 1836 | rBV | 5217723 | 6416782 | 24.60% | 3.802% |
| 38 | 12.311 | 1836 | 1841 | 1849 | rVB3 | 2905790 | 4886052 | 18.73% | 2.895% |
| 39 | 12.402 | 1851 | 1856 | 1861 | rVB | 677986 | 811244 | 3.11% | 0.481% |
| 40 | 12.463 | 1861 | 1866 | 1872 | rVB2 | 477629 | 662910 | 2.54% | 0.393% |
| 41 | 12.530 | 1872 | 1877 | 1879 | rBV | 3878437 | 4732468 | 18.14% | 2.804% |
| 42 | 12.555 | 1879 | 1881 | 1885 | rVV | 2456337 | 2540065 | 9.74% | 1.505% |
| 43 | 12.610 | 1885 | 1890 | 1894 | rVV | 7480673 | 9173445 | 35.16% | 5.436% |
| 44 | 12.640 | 1894 | 1895 | 1900 | rVB | 1239046 | 1228908 | 4.71% | 0.728% |
| 45 | 12.695 | 1900 | 1904 | 1912 | rBV2 | 4497315 | 6217849 | 23.83% | 3.685% |
| 46 | 12.847 | 1924 | 1929 | 1934 | rBV | 1244314 | 1581248 | 6.06% | 0.937% |
| 47 | 12.920 | 1934 | 1941 | 1944 | rVV | 4537864 | 5364976 | 20.56% | 3.179% |
| 48 | 12.963 | 1944 | 1948 | 1954 | rVV | 5442961 | 6571117 | 25.19% | 3.894% |
| 49 | 13.024 | 1954 | 1958 | 1967 | rVB3 | 327591 | 587480 | 2.25% | 0.348% |
| 50 | 13.164 | 1977 | 1981 | 1987 | rVB | 4113739 | 4805161 | 18.42% | 2.847% |
| 51 | 13.256 | 1991 | 1996 | 1997 | rBV2 | 311136 | 414773 | 1.59% | 0.246% |
| 52 | 13.292 | 1997 | 2002 | 2008 | rVV2 | 8191151 | 11258575 | 43.15% | 6.672% |
| 53 | 13.365 | 2012 | 2014 | 2019 | rVB | 321774 | 375065 | 1.44% | 0.222% |
| 54 | 13.420 | 2019 | 2023 | 2031 | rVB | 897805 | 1132169 | 4.34% | 0.671% |
| 55 | 13.500 | 2031 | 2036 | 2039 | rBV2 | 339061 | 474379 | 1.82% | 0.281% |
| 56 | 13.542 | 2039 | 2043 | 2046 | rVV | 741692 | 1029586 | 3.95% | 0.610% |
| 57 | 13.579 | 2046 | 2049 | 2055 | rVV3 | 902217 | 1661205 | 6.37% | 0.984% |
| 58 | 13.640 | 2055 | 2059 | 2060 | rVV | 406862 | 532963 | 2.04% | 0.316% |
| 59 | 13.658 | 2060 | 2062 | 2070 | rVB2 | 852602 | 1333906 | 5.11% | 0.790% |
| 60 | 13.774 | 2073 | 2081 | 2090 | rVB | 1125905 | 1579412 | 6.05% | 0.936% |
| 61 | 13.920 | 2099 | 2105 | 2109 | rBV2 | 383852 | 559448 | 2.14% | 0.332% |
| 62 | 13.969 | 2109 | 2113 | 2117 | rVB | 312147 | 374600 | 1.44% | 0.222% |
| 63 | 14.073 | 2125 | 2130 | 2136 | rBV | 620564 | 780395 | 2.99% | 0.462% |
| 64 | 14.213 | 2148 | 2153 | 2159 | rBV | 503593 | 850489 | 3.26% | 0.504% |
| 65 | 14.317 | 2166 | 2170 | 2175 | rBV | 364136 | 478201 | 1.83% | 0.283% |
| 66 | 14.371 | 2175 | 2179 | 2183 | rVB | 350224 | 442162 | 1.69% | 0.262% |
| 67 | 14.634 | 2218 | 2222 | 2233 | rVB | 1685087 | 2086776 | 8.00% | 1.237% |
| 68 | 14.774 | 2240 | 2245 | 2255 | rBV | 2319681 | 3038890 | 11.65% | 1.801% |

Sum of corrected areas: 168753296

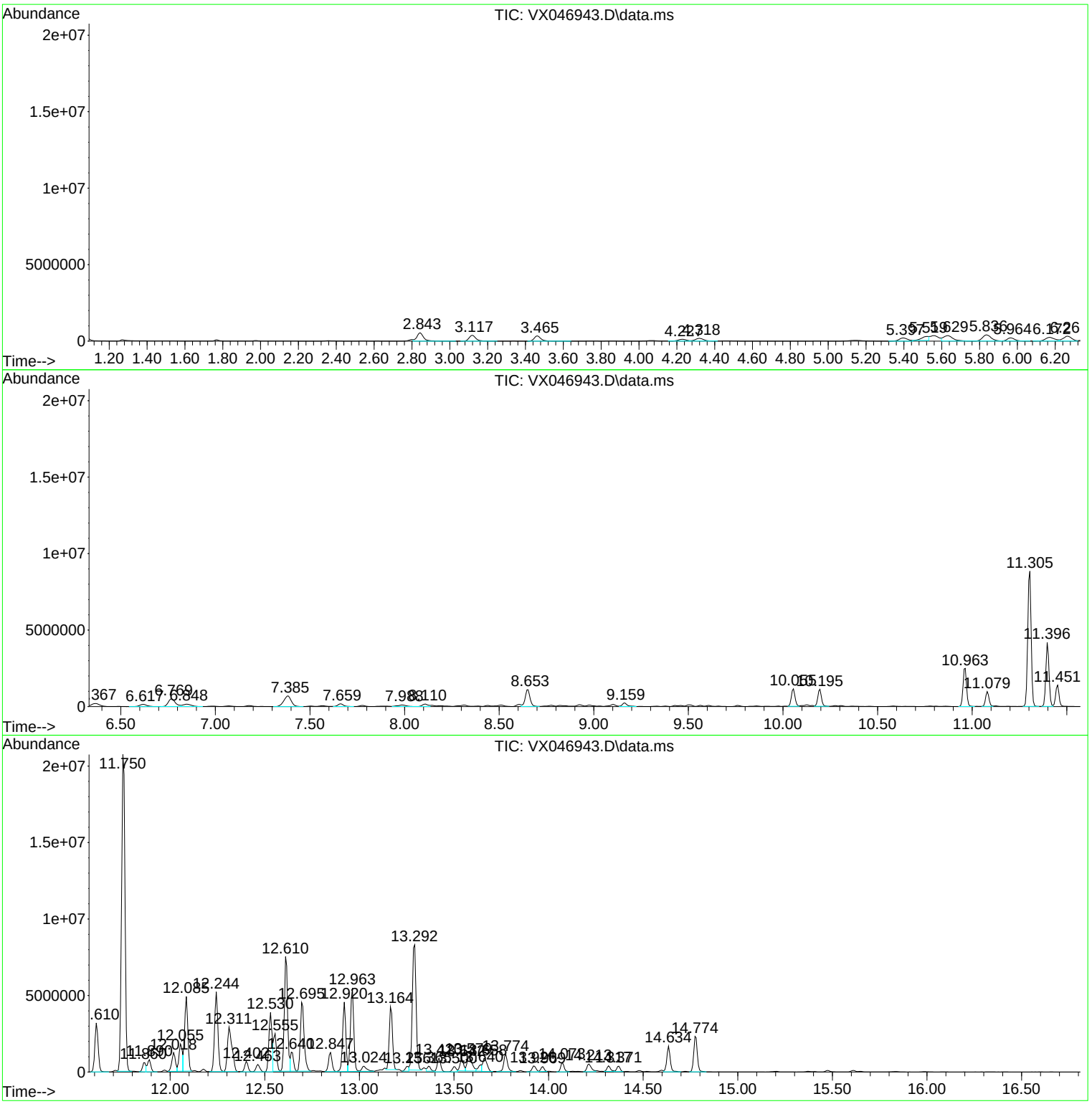
Sample Results: **VX046943.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

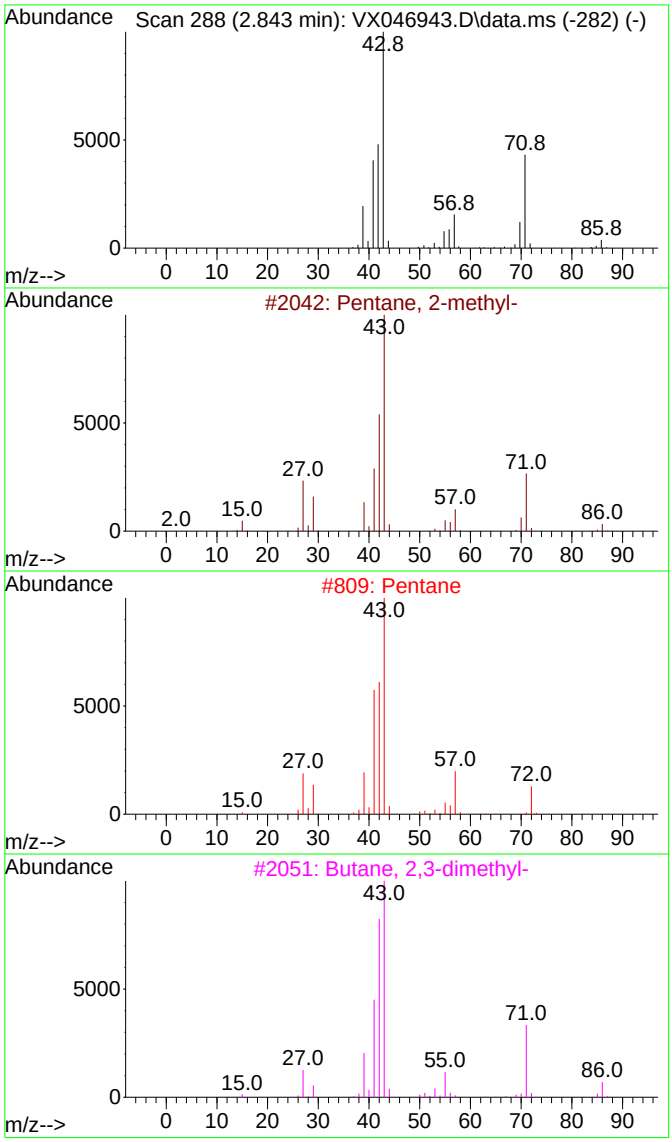
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

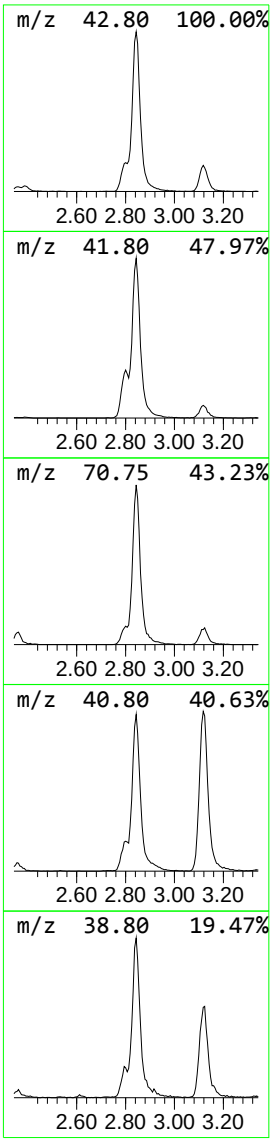
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Pentane, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.843 | 92.07 ug/l | 1322680 | Pentafluorobenzene | 5.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 91 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 46 |
| 3 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 43 |
| 4 | Hexane, 2,3-dimethyl- | 114 | C8H18 | 000584-94-1 | 38 |
| 5 | 1-Butanol, 2,3-dimethyl- | 102 | C6H14O | 019550-30-2 | 36 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

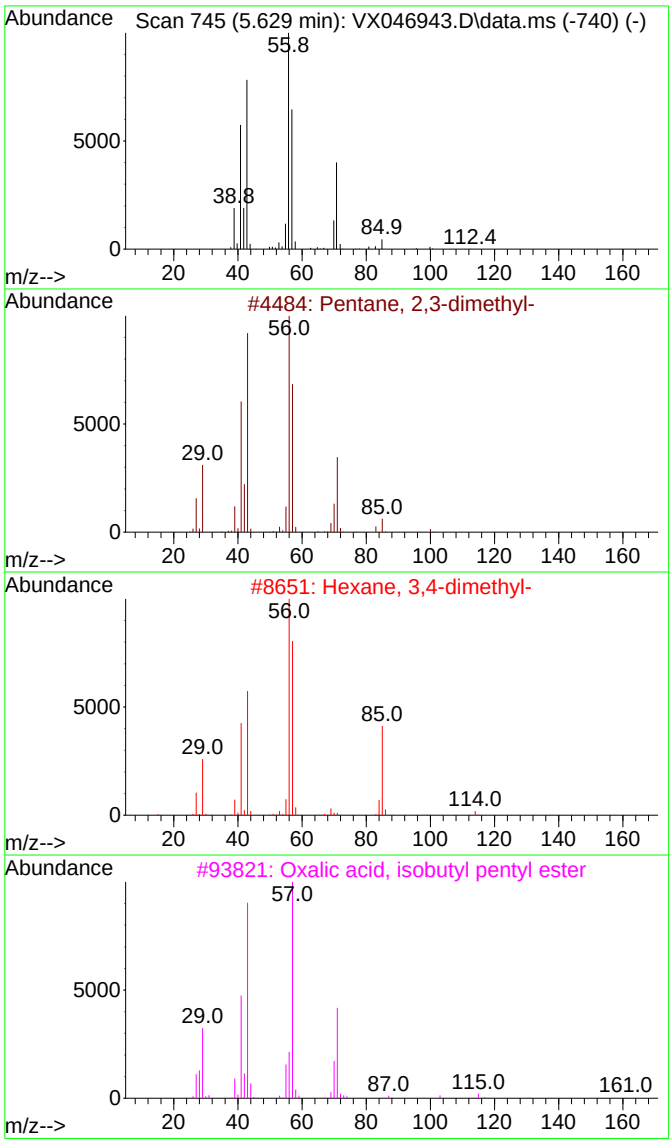
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

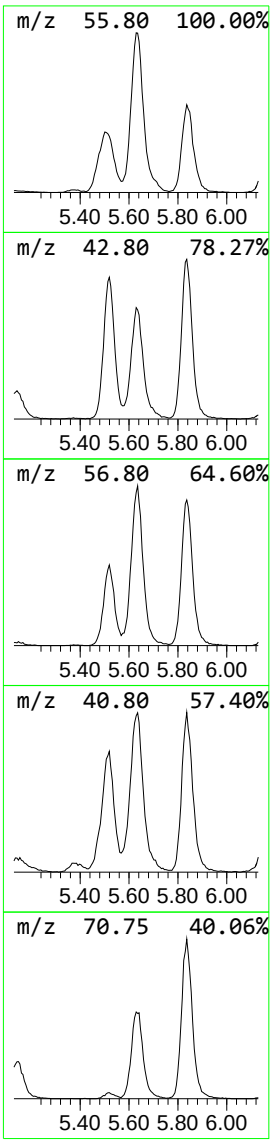
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.629 | 86.06 ug/l | 1236270 | Pentafluorobenzene | 5.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 91 |
| 2 | Hexane, 3,4-dimethyl- | 114 | C8H18 | 000583-48-2 | 50 |
| 3 | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 43 |
| 4 | Hexane, 2,2,4-trimethyl- | 128 | C9H20 | 016747-26-5 | 38 |
| 5 | Heptane | 100 | C7H16 | 000142-82-5 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

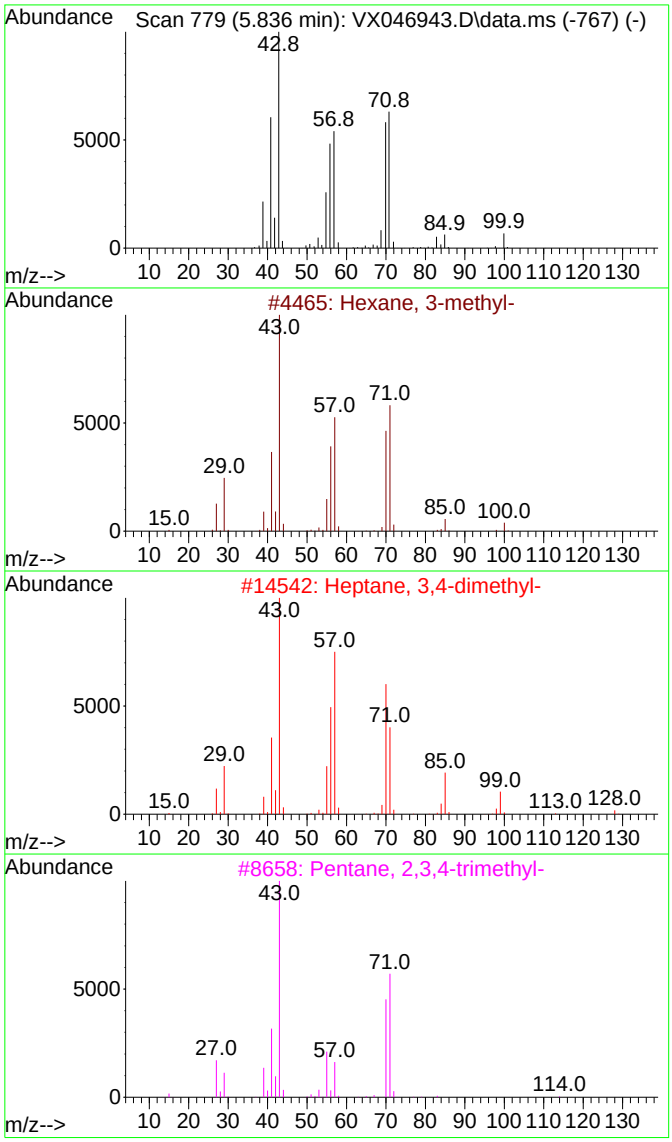
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

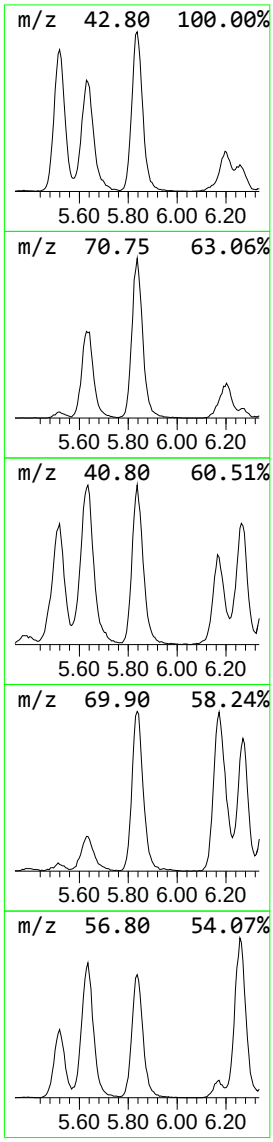
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Hexane, 3-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.836 | 91.46 ug/l | 1313930 | Pentafluorobenzene | 5.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 91 |
| 2 | Heptane, 3,4-dimethyl- | 128 | C9H20 | 000922-28-1 | 53 |
| 3 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 53 |
| 4 | Heptane, 4-methyl- | 114 | C8H18 | 000589-53-7 | 53 |
| 5 | Heptane | 100 | C7H16 | 000142-82-5 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

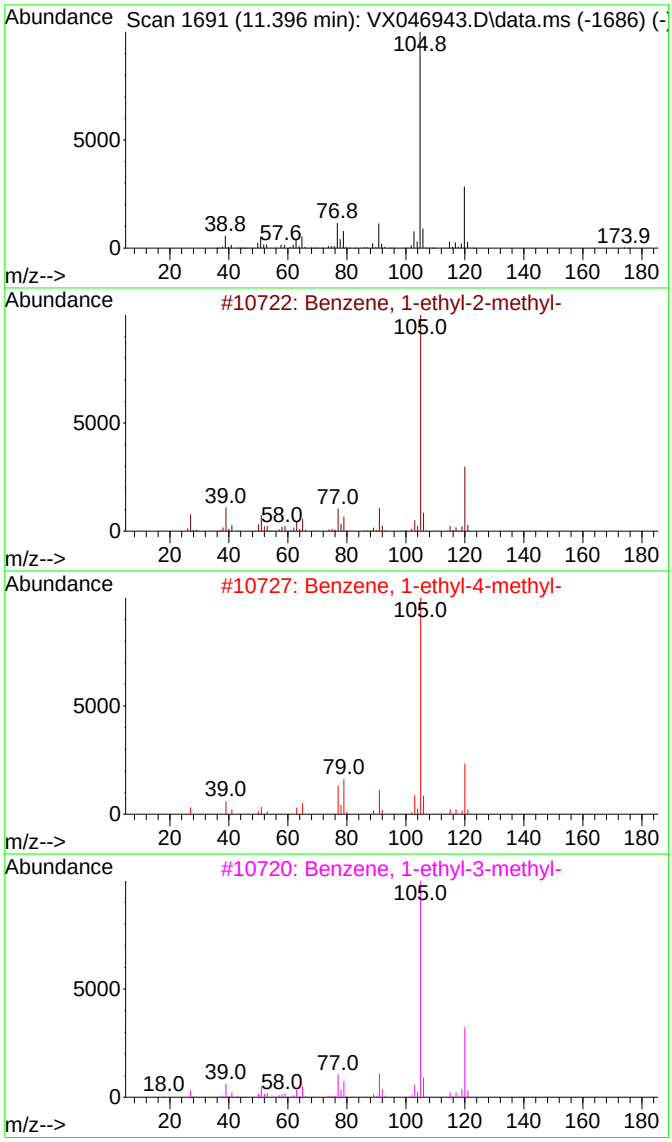
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

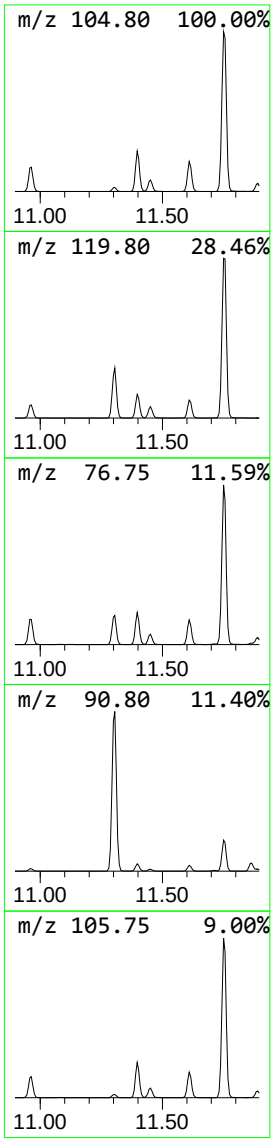
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.396 | 147.54 ug/l | 4861870 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

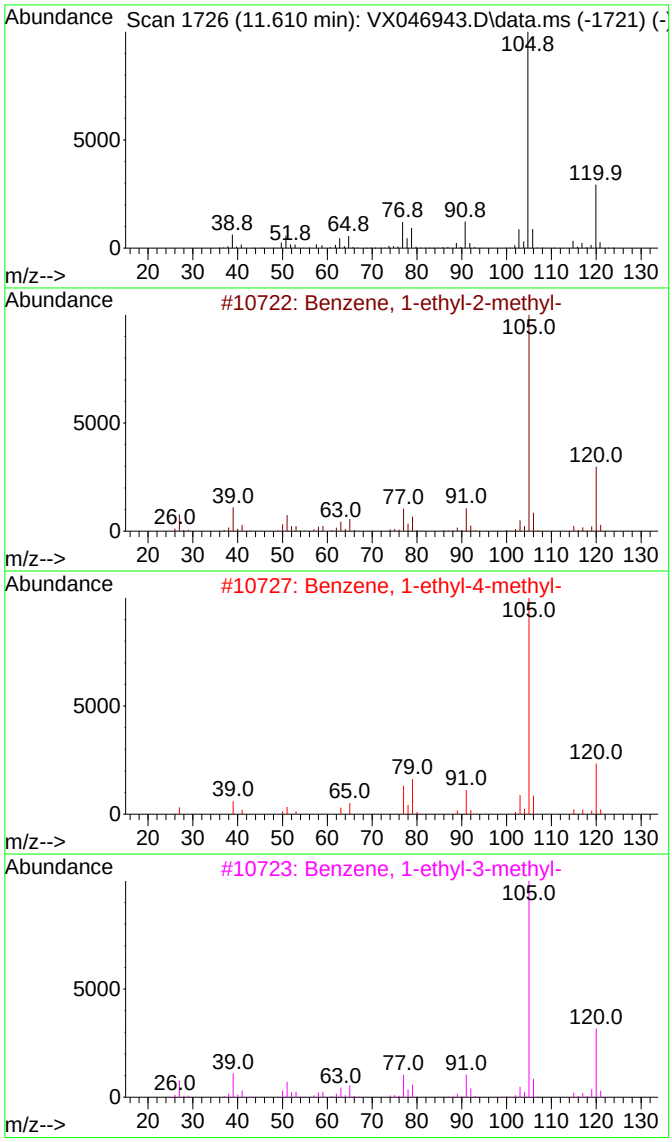
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

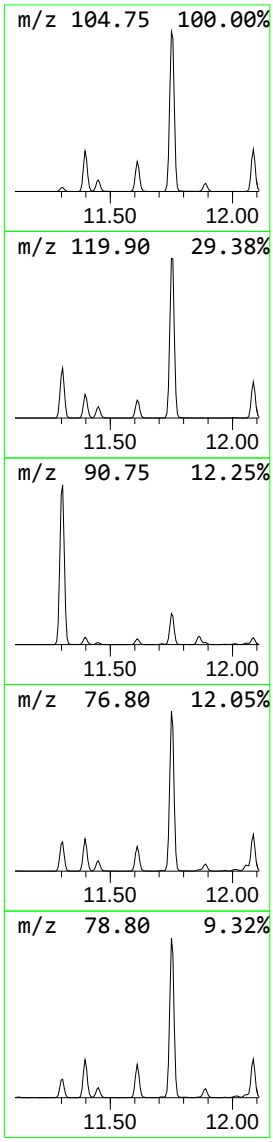
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.610 | 116.91 ug/l | 3852410 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

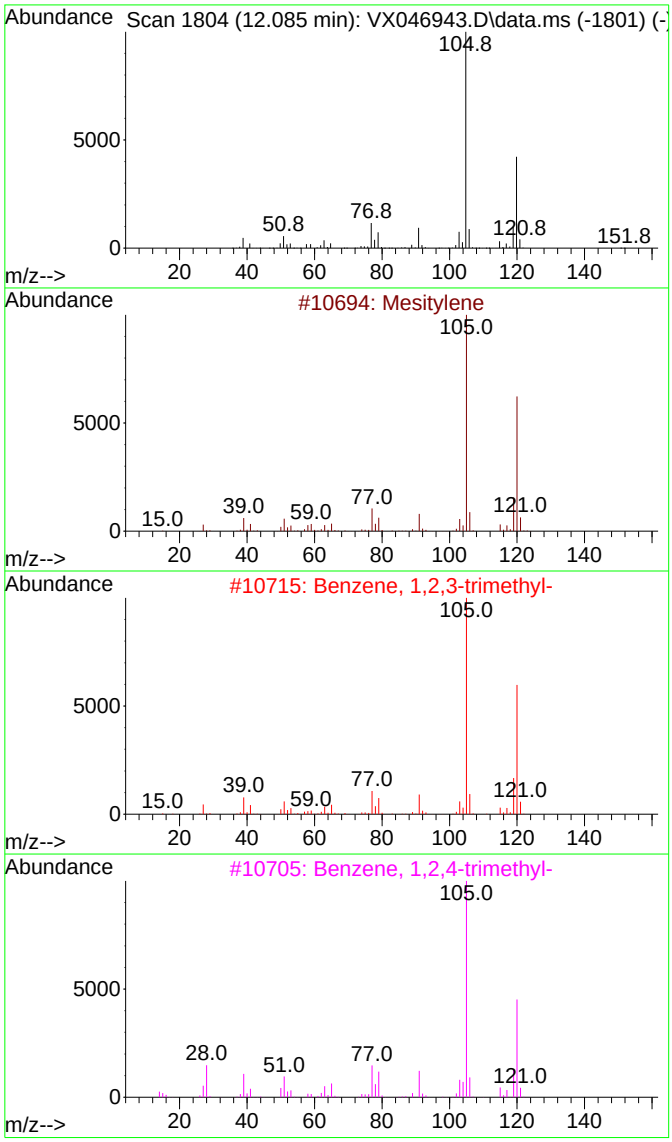
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

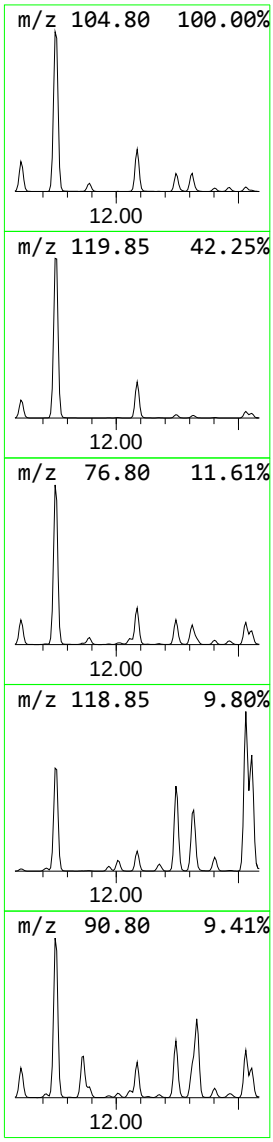
**********

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.085 | 171.44 ug/l | 5649480 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

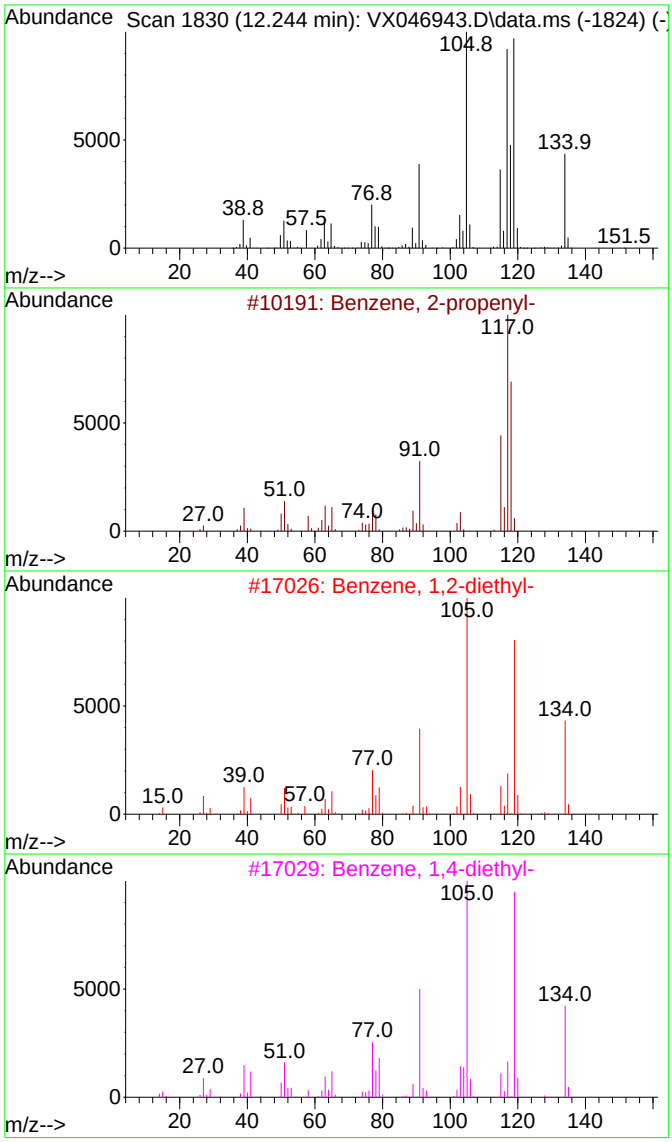
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

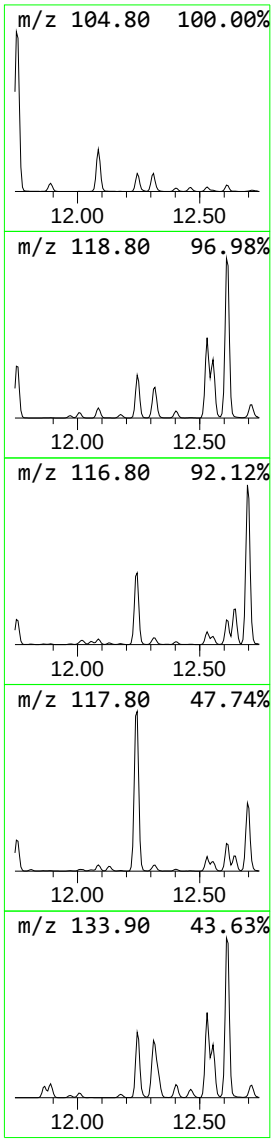
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 2-propenyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 194.73 ug/l | 6416780 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 80 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 78 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 60 |
| 4 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 55 |
| 5 | 1,3-Methanopentalene, 1,2,3,5-te... | 118 | C9H10 | 128600-88-4 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

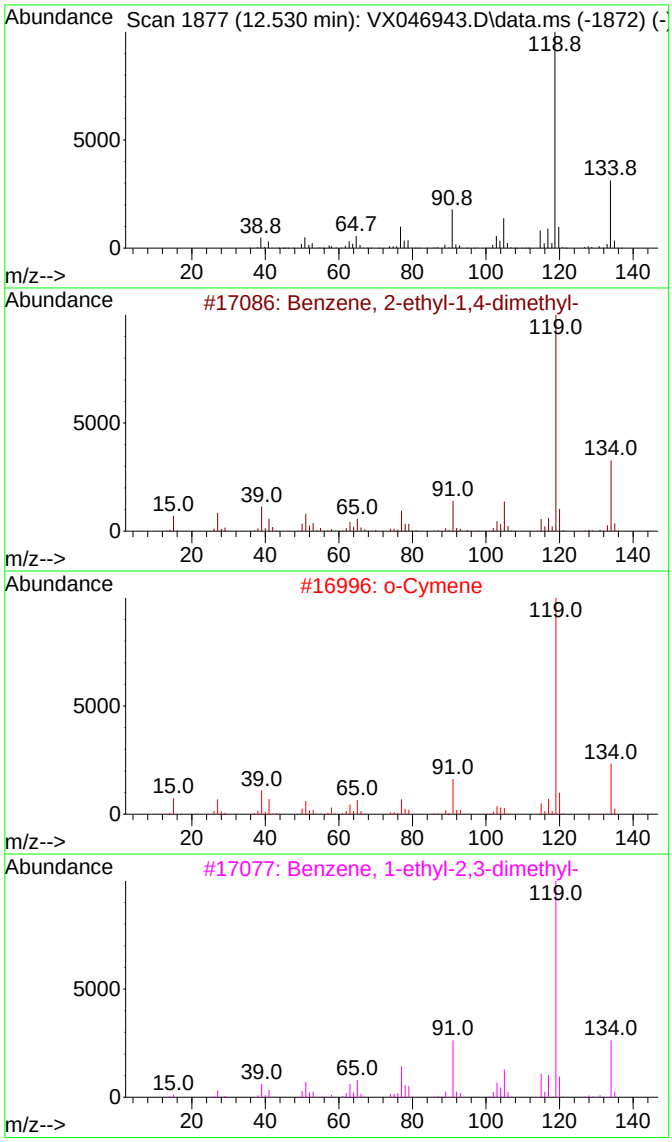
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

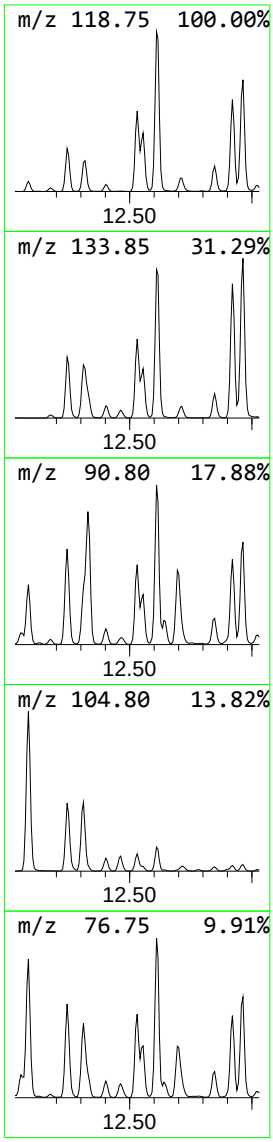
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.530 | 143.61 ug/l | 4732470 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 97 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 4 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

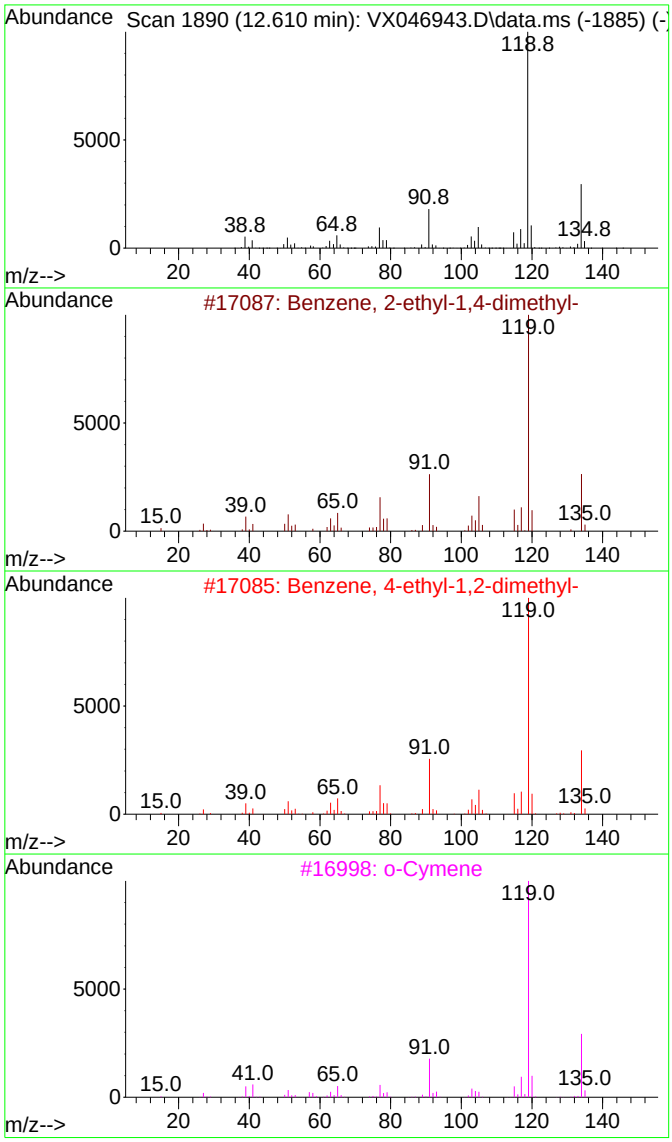
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

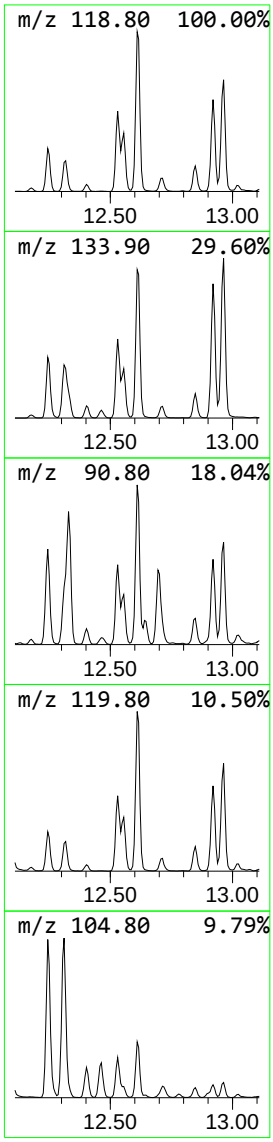
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.610 | 278.38 ug/l | 9173450 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

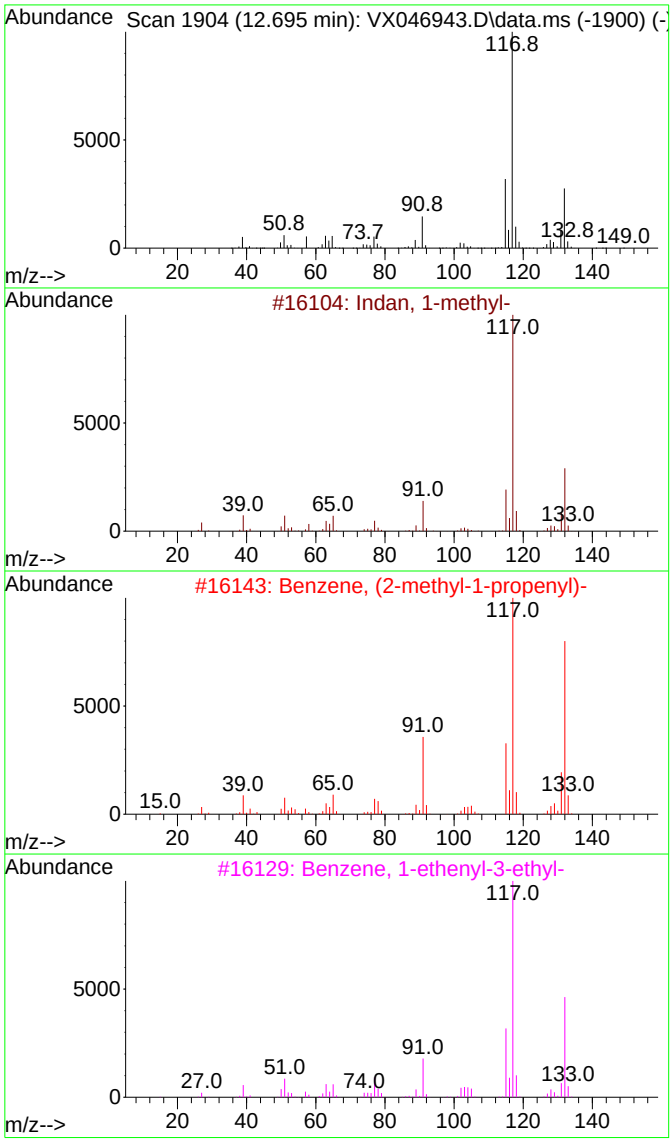
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

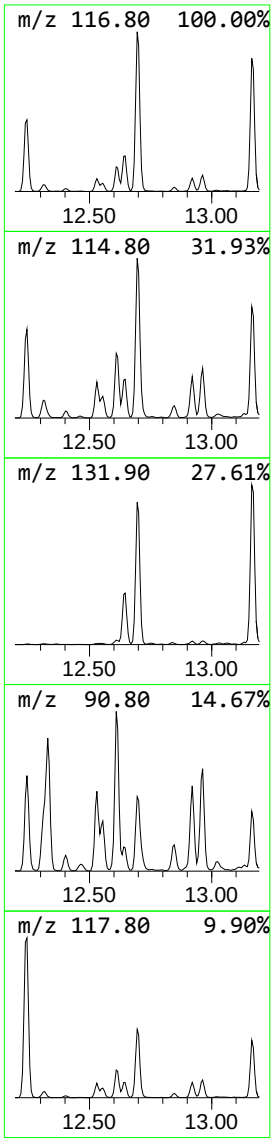
**********

Peak Number 10 Indan, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.695 | 188.69 ug/l | 6217850 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 90 |
| 3 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 90 |
| 4 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 87 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

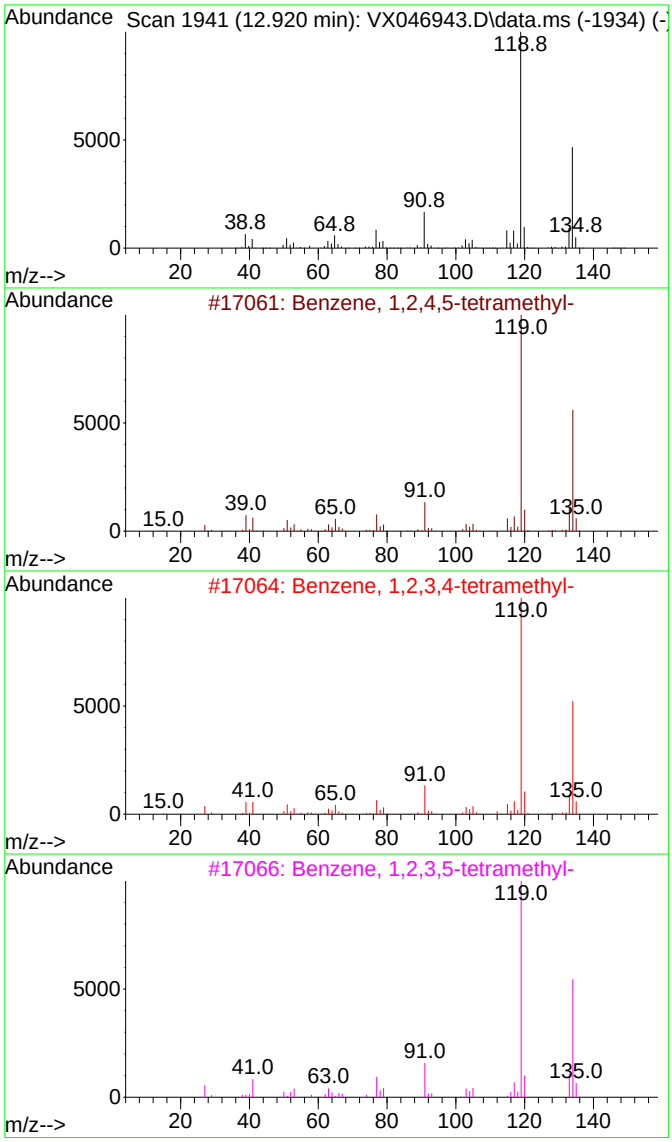
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

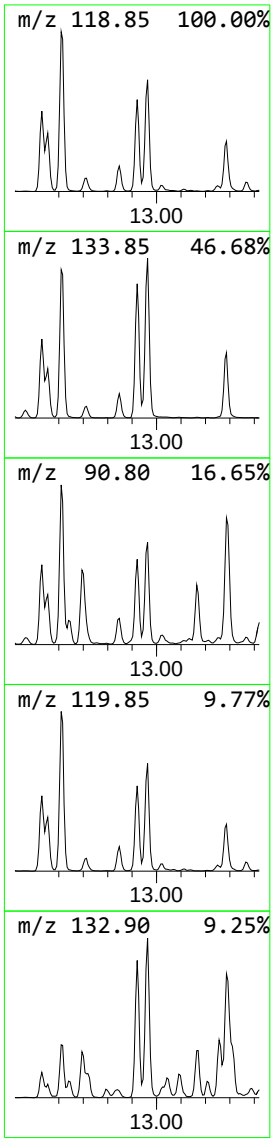
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.920 | 162.81 ug/l | 5364980 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

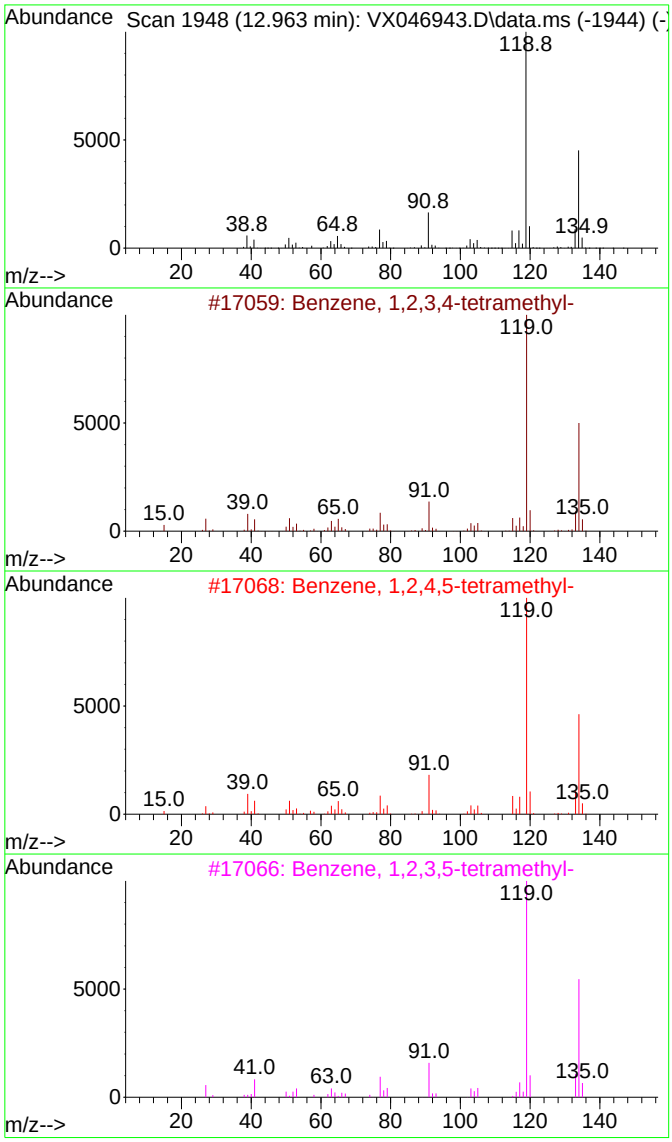
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

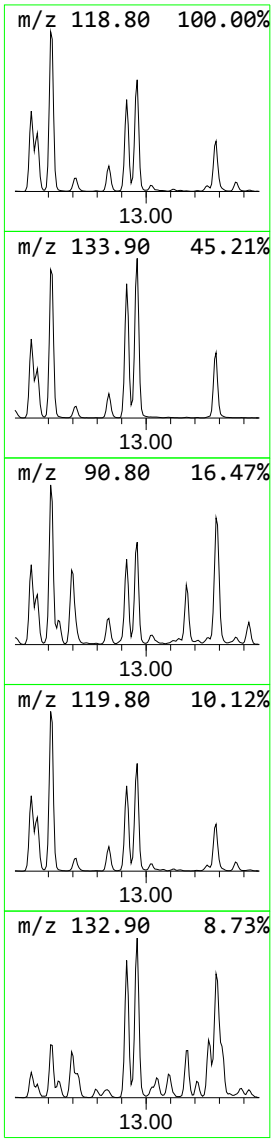
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.963 | 199.41 ug/l | 6571120 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 95 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

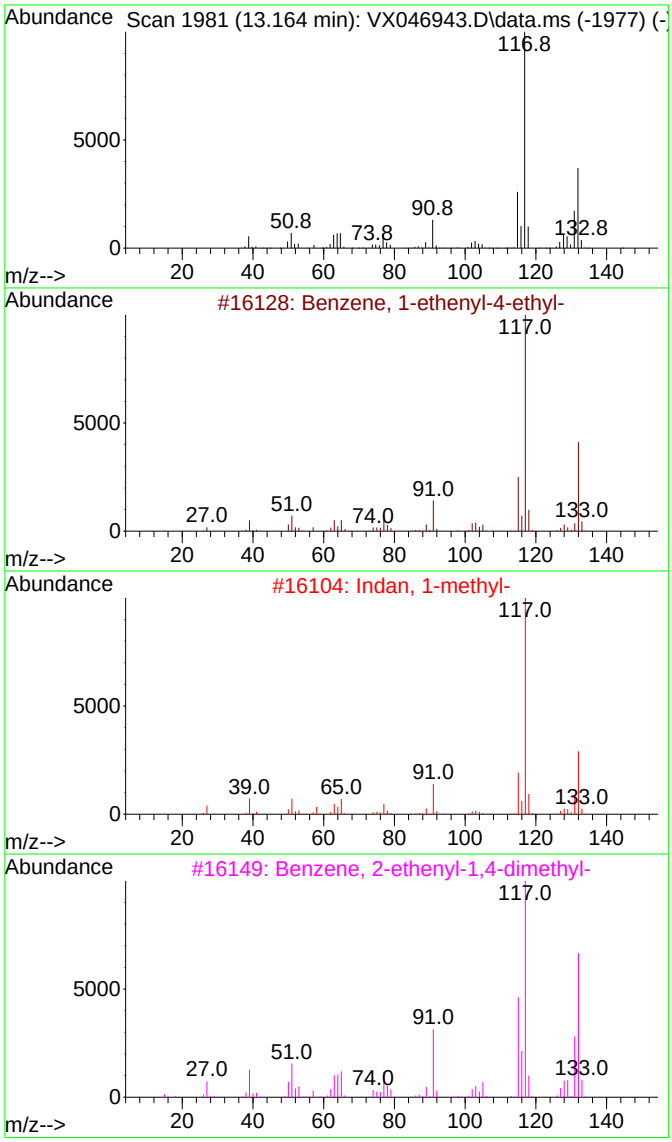
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

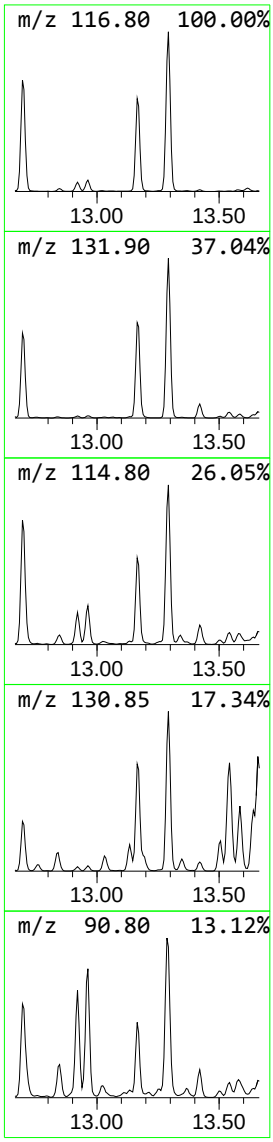
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.164 | 145.82 ug/l | 4805160 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 91 |
| 3 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 91 |
| 5 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

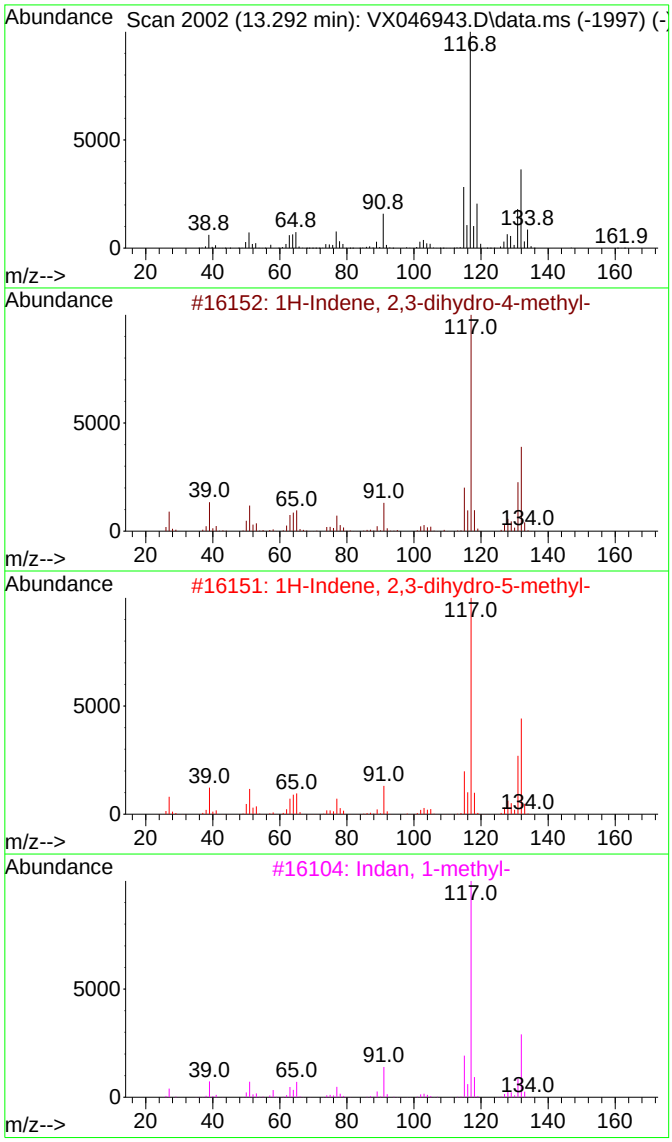
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

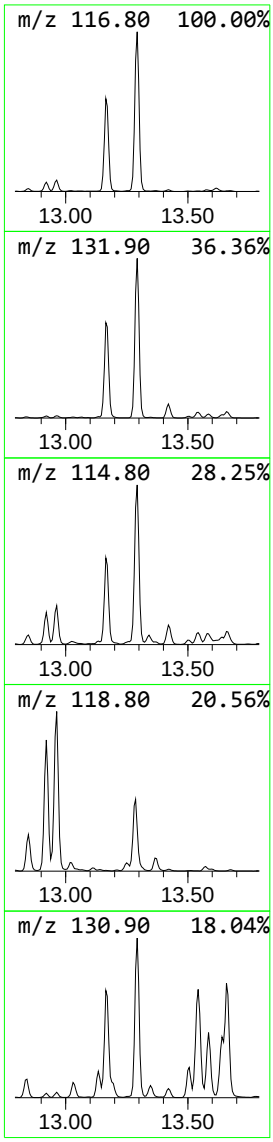
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 341.66 ug/l | 11258600 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 93 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 87 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 81 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 81 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046943.D
Acq On : 10 Jul 2025 14:43
Operator : JC/MD
Sample : Q2553-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-201

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Pentane, 2-methyl- | 2.843 | 92.1 | ug/l | 1322680 | 1 | 5.562 | 718283 | 50.0 |
| Pentane, 2,3-di... | 5.629 | 86.1 | ug/l | 1236270 | 1 | 5.562 | 718283 | 50.0 |
| Hexane, 3-methyl- | 5.836 | 91.5 | ug/l | 1313930 | 1 | 5.562 | 718283 | 50.0 |
| Benzene, 1-ethy... | 11.396 | 147.5 | ug/l | 4861870 | 4 | 12.018 | 1647650 | 50.0 |
| Benzene, 1-ethy... | 11.610 | 116.9 | ug/l | 3852410 | 4 | 12.018 | 1647650 | 50.0 |
| Benzene, 1,2,3-... | 12.085 | 171.4 | ug/l | 5649480 | 4 | 12.018 | 1647650 | 50.0 |
| Benzene, 2-prop... | 12.244 | 194.7 | ug/l | 6416780 | 4 | 12.018 | 1647650 | 50.0 |
| Benzene, 2-ethy... | 12.530 | 143.6 | ug/l | 4732470 | 4 | 12.018 | 1647650 | 50.0 |
| Benzene, 4-ethy... | 12.610 | 278.4 | ug/l | 9173450 | 4 | 12.018 | 1647650 | 50.0 |
| Indan, 1-methyl- | 12.695 | 188.7 | ug/l | 6217850 | 4 | 12.018 | 1647650 | 50.0 |
| Benzene, 1,2,4,... | 12.920 | 162.8 | ug/l | 5364980 | 4 | 12.018 | 1647650 | 50.0 |
| Benzene, 1,2,3,... | 12.963 | 199.4 | ug/l | 6571120 | 4 | 12.018 | 1647650 | 50.0 |
| Benzene, 1-ethe... | 13.164 | 145.8 | ug/l | 4805160 | 4 | 12.018 | 1647650 | 50.0 |
| 1H-Indene, 2,3-... | 13.292 | 341.7 | ug/l | 11258600 | 4 | 12.018 | 1647650 | 50.0 |

Raw Data: **VX046944.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-202 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-02 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046944.D | 1 | 07/10/25 15:04 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 74-87-3 | Chloromethane | 5.00 | U | 0.32 | 5.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 5.00 | U | 0.26 | 5.00 | ug/L |
| 74-83-9 | Bromomethane | 5.00 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 5.00 | U | 0.47 | 5.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 5.00 | U | 0.33 | 5.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 5.00 | U | 0.25 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 67-64-1 | Acetone | 25.0 | U | 1.50 | 25.0 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.39 | J | 0.21 | 5.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-20-9 | Methyl Acetate | 5.00 | U | 0.27 | 5.00 | ug/L |
| 75-09-2 | Methylene Chloride | 5.00 | U | 0.28 | 5.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 5.00 | U | 0.23 | 5.00 | ug/L |
| 110-82-7 | Cyclohexane | 5.00 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 25.0 | U | 0.98 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 5.00 | U | 0.25 | 5.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 74-97-5 | Bromochloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 5.00 | U | 0.25 | 5.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 5.00 | U | 0.16 | 5.00 | ug/L |
| 71-43-2 | Benzene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 5.00 | U | 0.090 | 5.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 25.0 | U | 0.68 | 25.0 | ug/L |
| 108-88-3 | Toluene | 5.00 | U | 0.14 | 5.00 | ug/L |

Raw Data: **VX046944.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-202 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-02 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046944.D | 1 | 07/10/25 15:04 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 5.00 | U | 0.17 | 5.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 5.00 | U | 0.21 | 5.00 | ug/L |
| 591-78-6 | 2-Hexanone | 25.0 | U | 0.89 | 25.0 | ug/L |
| 124-48-1 | Dibromochloromethane | 5.00 | U | 0.18 | 5.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 5.00 | U | 0.15 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 5.00 | U | 0.13 | 5.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 10.0 | U | 0.24 | 10.0 | ug/L |
| 95-47-6 | o-Xylene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-42-5 | Styrene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 75-25-2 | Bromoform | 5.00 | U | 0.19 | 5.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 3.20 | J | 0.12 | 5.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.00 | U | 0.26 | 5.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 5.00 | U | 0.53 | 5.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.4 | | 70 (74) - 130 (125) | 101% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 46.9 | | 70 (75) - 130 (124) | 94% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 50.6 | | 70 (86) - 130 (113) | 101% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 52.6 | | 70 (77) - 130 (121) | 105% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 457000 | 5.568 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 803000 | 6.769 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 753000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 387000 | 12.018 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |

Raw Data: **VX046944.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-202 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-02 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046944.D | 1 | 07/10/25 15:04 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 000078-78-4 | Butane, 2-methyl- | 13.1 | J | | 1.77 | ug/L |
| 000075-83-2 | Butane, 2,2-dimethyl- | 7.10 | J | | 2.36 | ug/L |
| 000079-29-8 | Butane, 2,3-dimethyl- | 23.3 | J | | 2.80 | ug/L |
| 000096-14-0 | Pentane, 3-methyl- | 15.7 | J | | 3.12 | ug/L |
| 001638-26-2 | Cyclopentane, 1,1-dimethyl- | 5.90 | J | | 5.86 | ug/L |
| 000473-91-6 | Cyclopentene, 1,2,3-trimethyl- | 7.80 | J | | 9.16 | ug/L |
| 103-65-1 | n-propylbenzene | 4.20 | J | | 11.3 | ug/L |
| 98-06-6 | tert-Butylbenzene | 0.38 | J | | 11.7 | ug/L |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.10 | J | | 11.8 | ug/L |
| 135-98-8 | sec-Butylbenzene | 2.10 | J | | 11.9 | ug/L |
| 000105-05-5 | Benzene, 1,4-diethyl- | 15.4 | J | | 12.2 | ug/L |
| 104-51-8 | n-Butylbenzene | 0.63 | J | | 12.3 | ug/L |
| 007525-62-4 | Benzene, 1-ethenyl-3-ethyl- | 10.7 | J | | 12.7 | ug/L |
| 000527-53-7 | Benzene, 1,2,3,5-tetramethyl- | 18.7 | J | | 12.9 | ug/L |
| 020836-11-7 | 2,2-Dimethylindene, 2,3-dihydro- | 7.40 | J | | 13.1 | ug/L |

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

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

Sample Results: **VX046944.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

Quant Time: Jul 11 01:31:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.568 | 168 | 457019 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 802756 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 753351 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 386856 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 304129 | 50.372 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 100.740% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 255623 | 46.911 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 93.820% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 972622 | 50.590 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 101.180% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 384146 | 52.573 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 105.140% | | | |
| Target Compounds | | | | | | Qvalue |
| 17) Carbon Disulfide | 2.532 | 76 | 5023 | 0.386 | ug/l # | 93 |
| 73) Isopropylbenzene | 10.963 | 105 | 86461 | 3.179 | ug/l | 99 |
| 78) n-propylbenzene | 11.305 | 91 | 136201 | 4.154 | ug/l | 99 |
| 83) tert-Butylbenzene | 11.713 | 119 | 8618 | 0.378 | ug/l | 81 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 23625 | 1.058 | ug/l | 99 |
| 85) sec-Butylbenzene | 11.890 | 105 | 61179 | 2.126 | ug/l # | 57 |
| 89) n-Butylbenzene | 12.323 | 91 | 14286m | 0.631 | ug/l | |

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

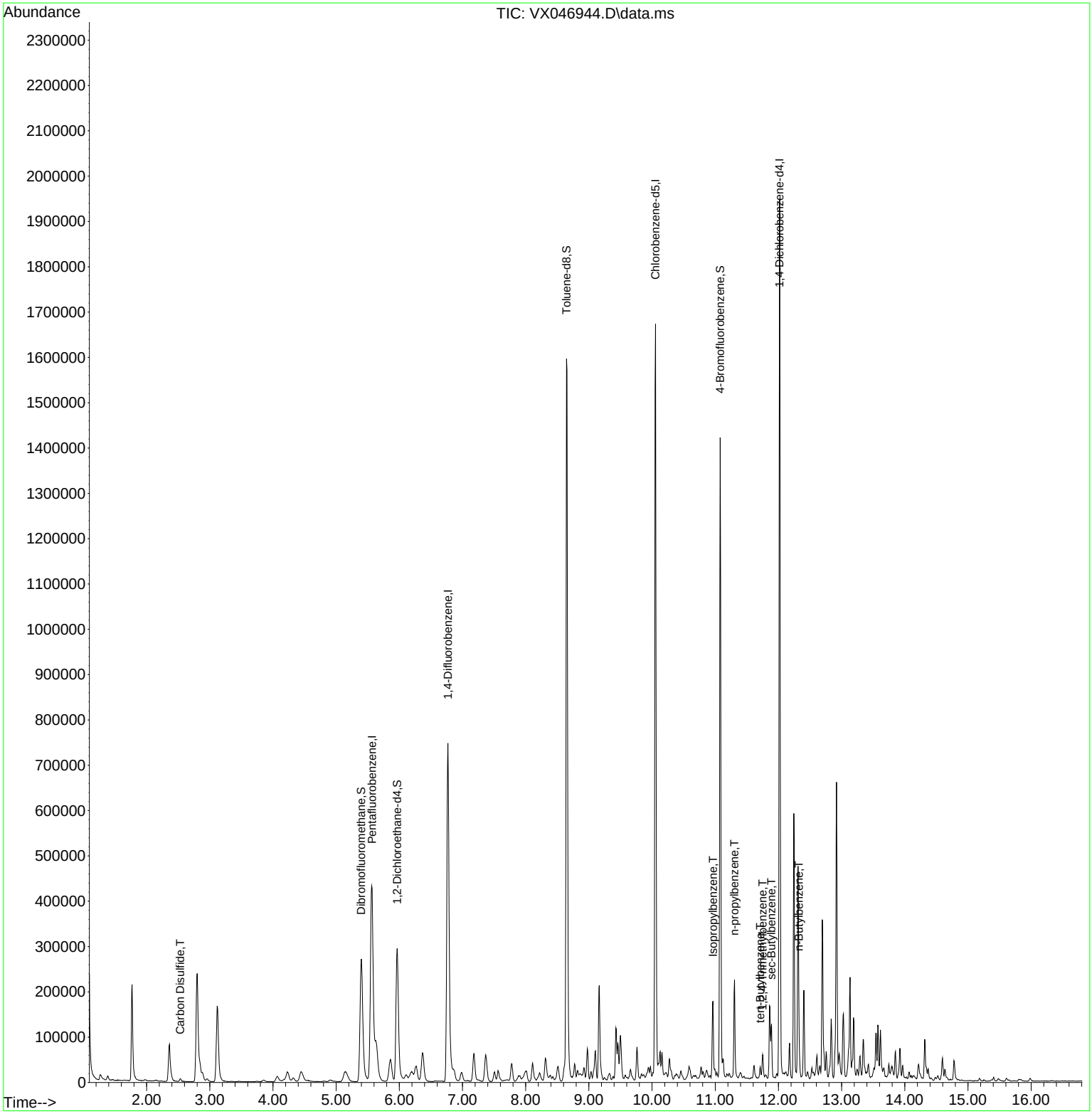
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

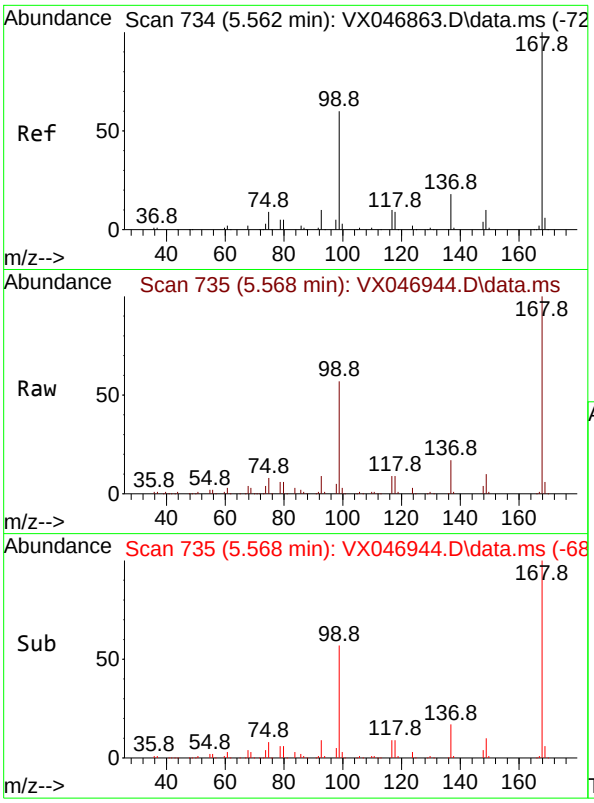
Quant Time: Jul 11 01:31:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

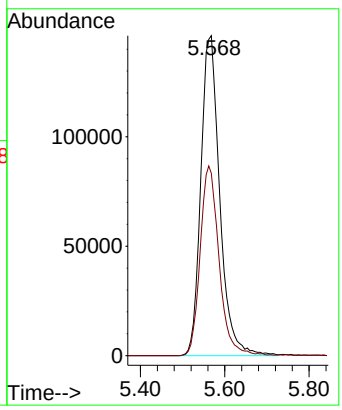





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion:168 Resp: 45701

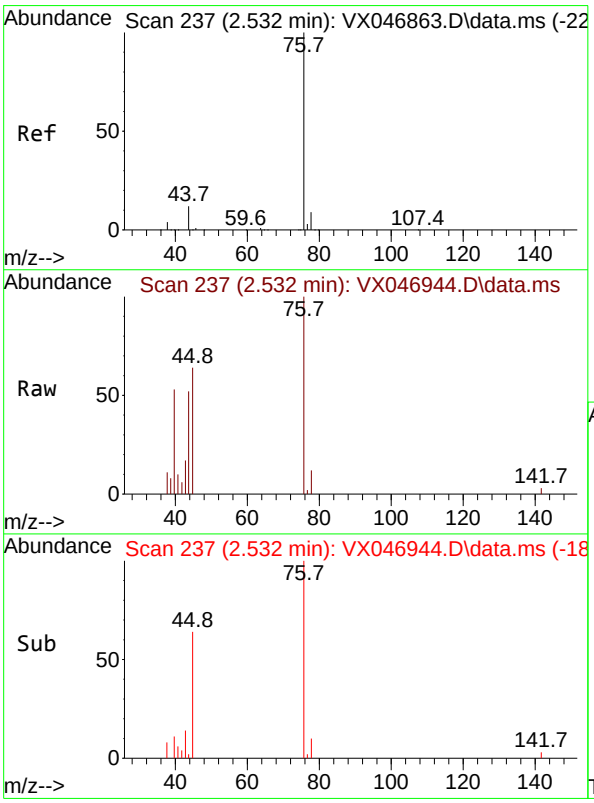
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.0 | 48.8 | 73.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

**Manual Integrations**
**APPROVED**

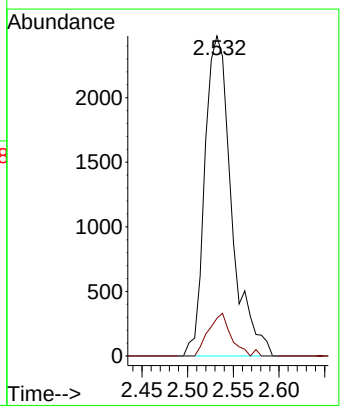
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

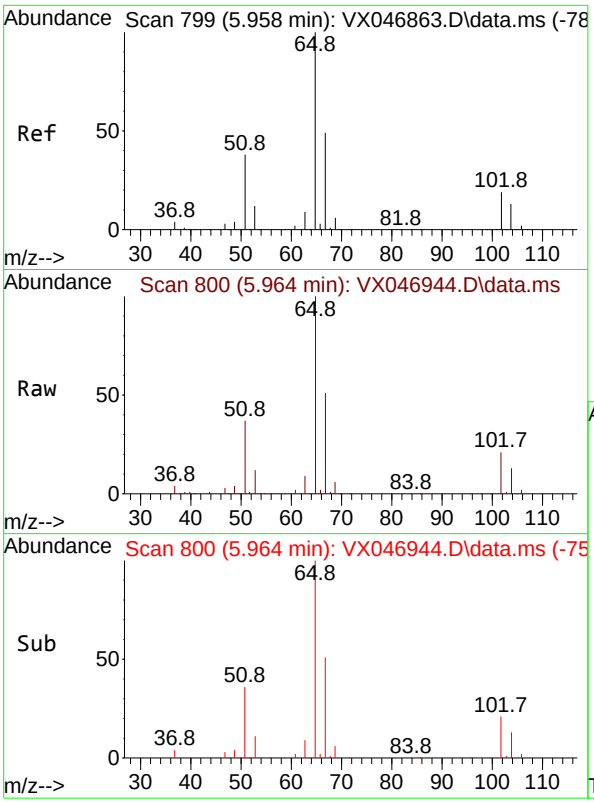



#17
Carbon Disulfide
Concen: 0.386 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion: 76 Resp: 5023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.7 | 7.4 | 11.2# |






#33
1,2-Dichloroethane-d4
Concen: 50.372 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

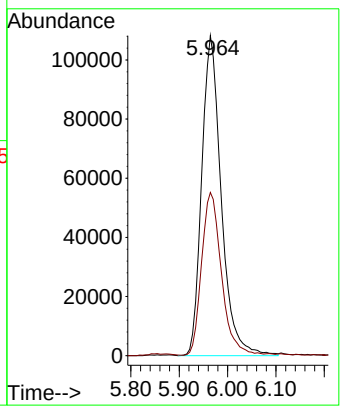
Tgt Ion: 65 Resp: 30412

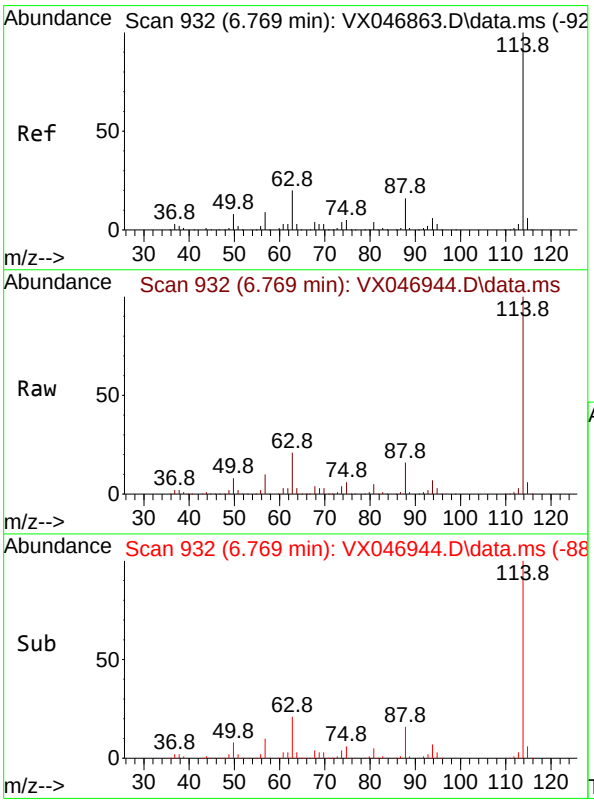
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.7 | 0.0 | 105.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

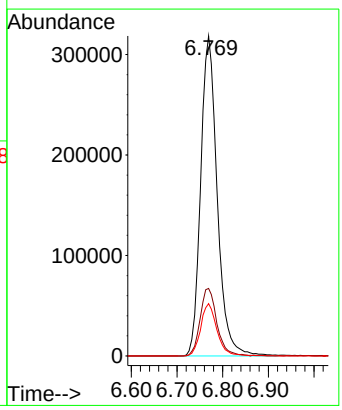


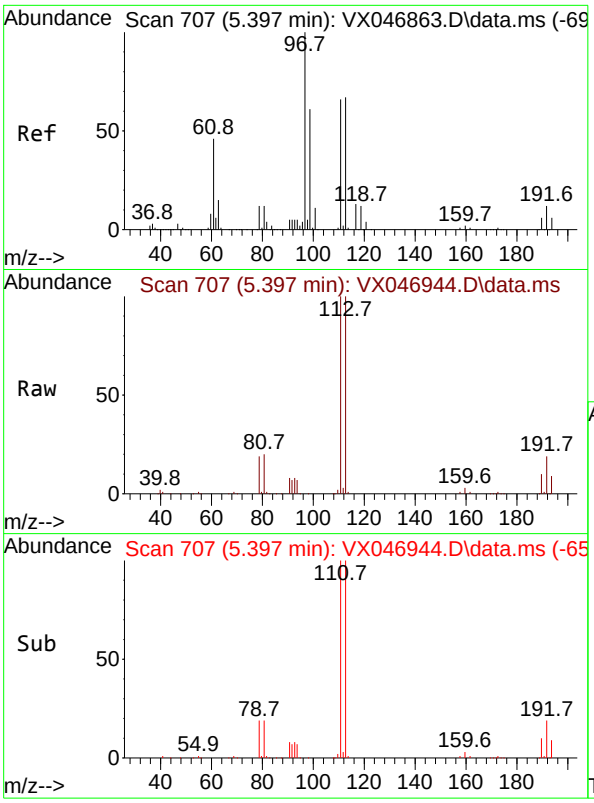




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion:114 Resp: 802756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.1 | 0.0 | 40.4 |
| 88 | 16.4 | 0.0 | 31.0 |

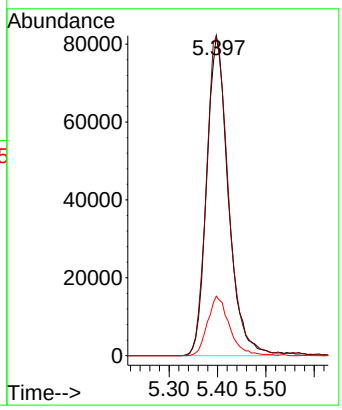





#35
Dibromofluoromethane
Concen: 46.911 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion:113 Resp: 25562

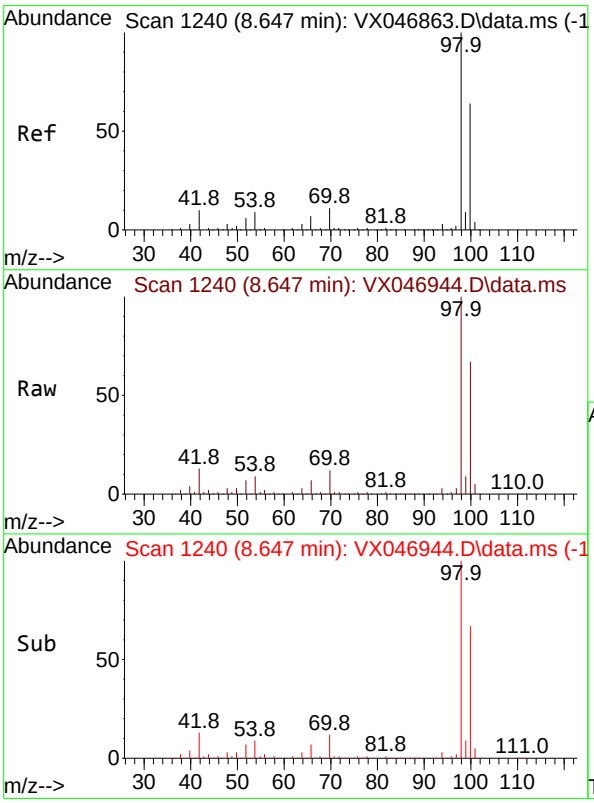
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 81.2 | 121.8 |
| 192 | 18.8 | 15.3 | 22.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

**Manual Integrations**
**APPROVED**

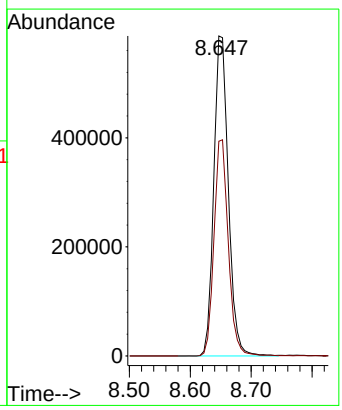
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

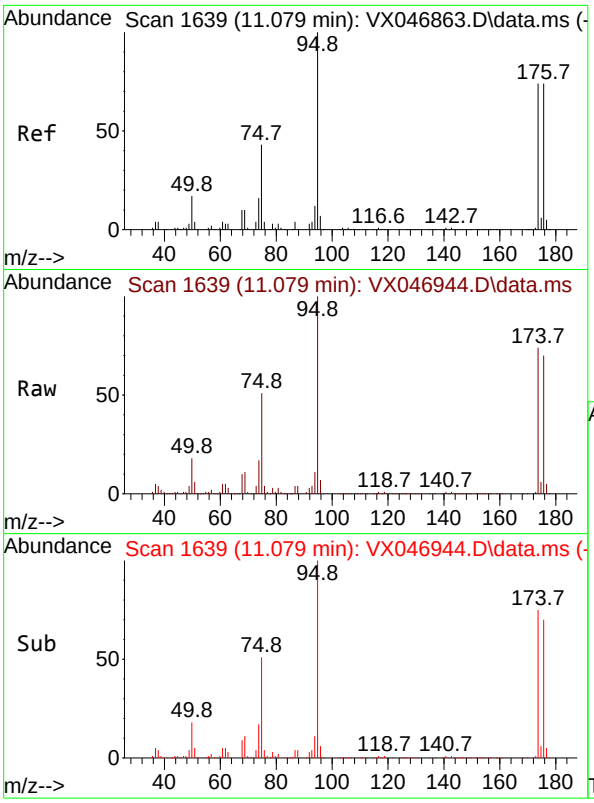



#50
Toluene-d8
Concen: 50.590 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion: 98 Resp: 972622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.5 | 53.0 | 79.6 |

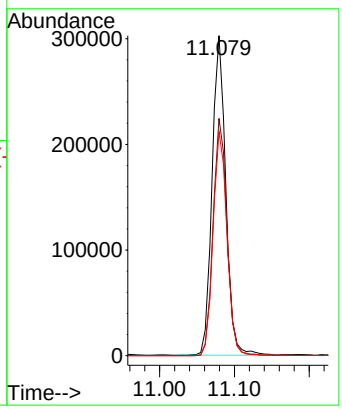





#62
4-Bromofluorobenzene
Concen: 52.573 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion: 95 Resp: 38414

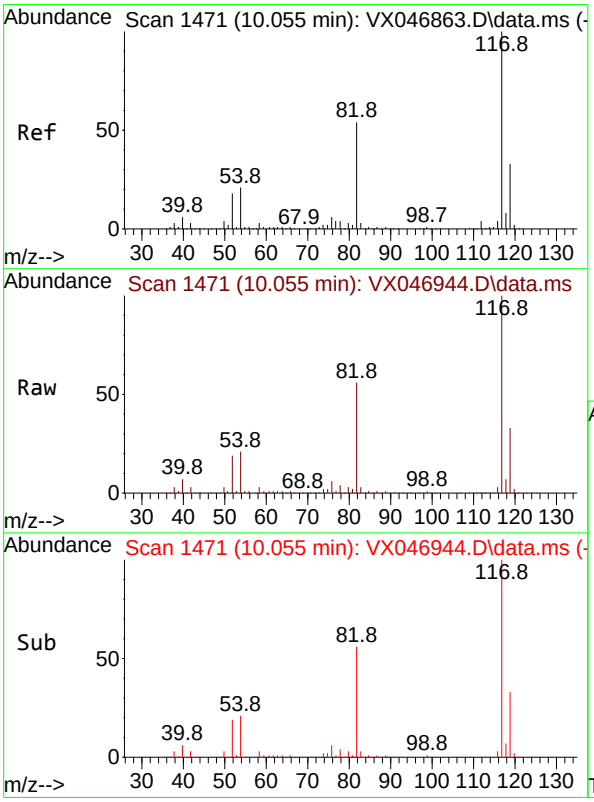
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.1 | 0.0 | 152.0 |
| 176 | 71.5 | 0.0 | 145.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

**Manual Integrations**
**APPROVED**

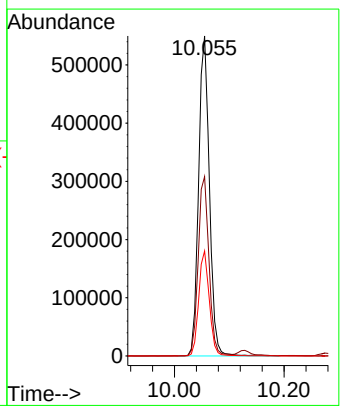
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

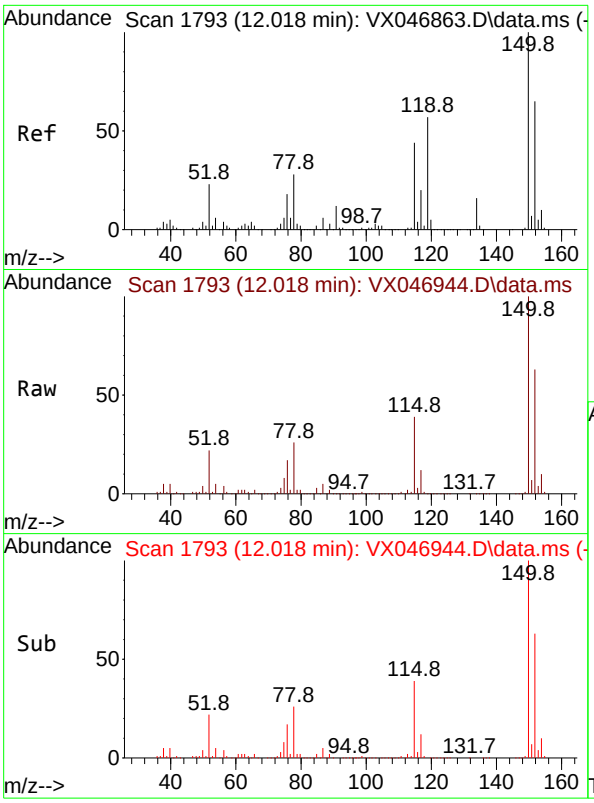



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion:117 Resp: 753351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.0 | 43.3 | 64.9 |
| 119 | 32.8 | 26.4 | 39.6 |

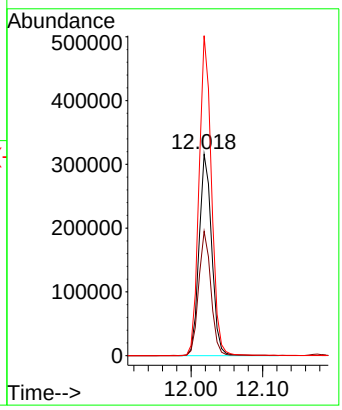





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion:152 Resp: 38685

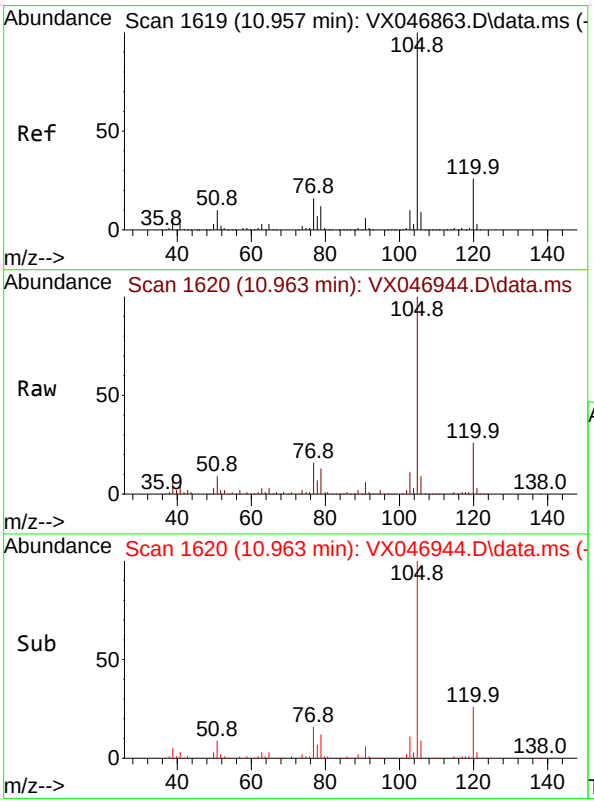
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.4 | 42.4 | 127.1 |
| 150 | 156.6 | 0.0 | 349.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

**Manual Integrations**
**APPROVED**

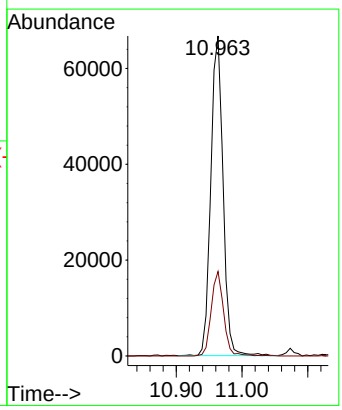
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

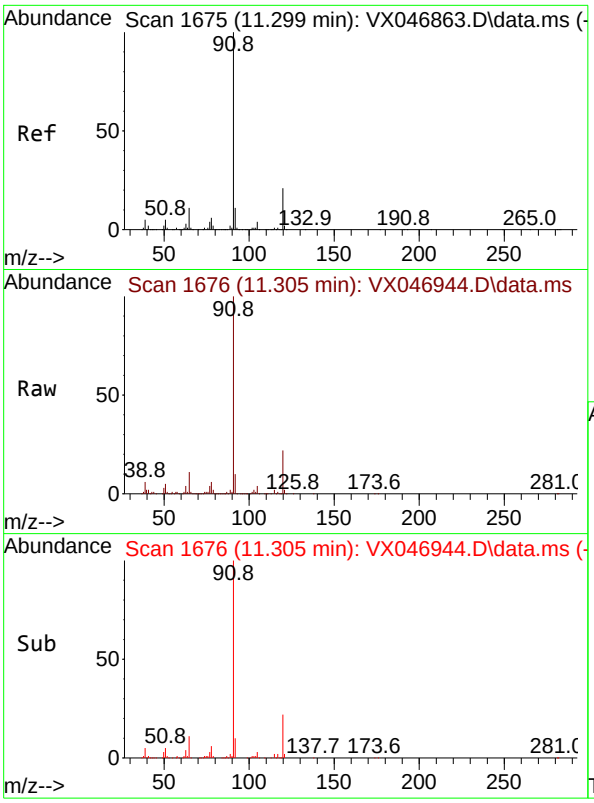



#73
Isopropylbenzene
Concen: 3.179 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion:105 Resp: 86461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 13.2 | 39.5 |

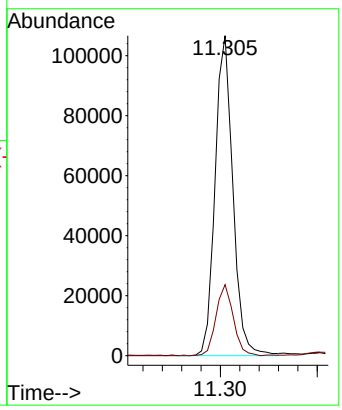





#78
n-propylbenzene
Concen: 4.154 ug/l
RT: 11.305 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion: 91 Resp: 13620

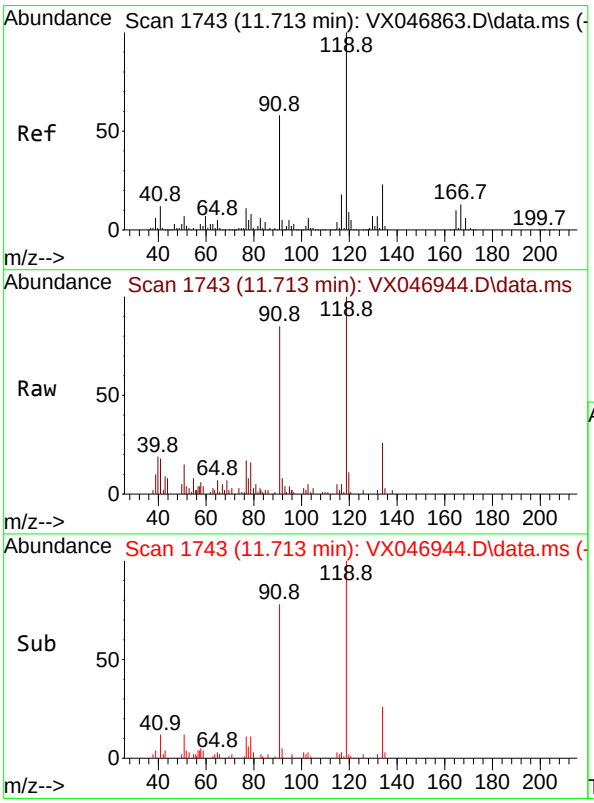
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.6 | 11.2 | 33.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

**Manual Integrations**
**APPROVED**

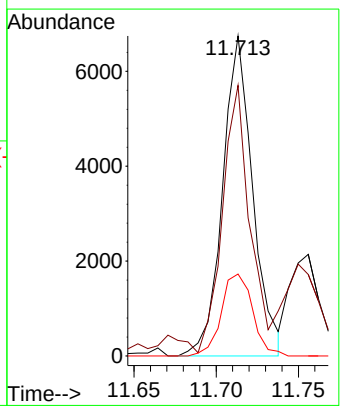
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

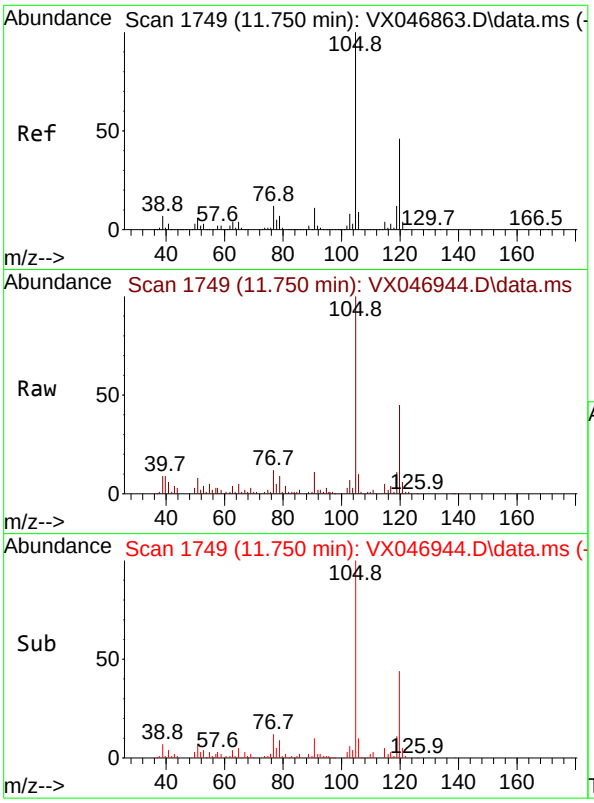



#83
tert-Butylbenzene
Concen: 0.378 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion:119 Resp: 8618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 75.0 | 28.7 | 86.3 |
| 134 | 26.6 | 11.4 | 34.2 |






#84
1,2,4-Trimethylbenzene
Concen: 1.058 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

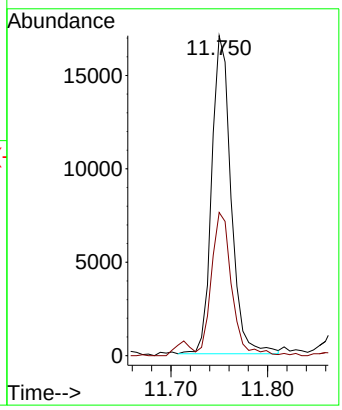
Tgt Ion:105 Resp: 2362

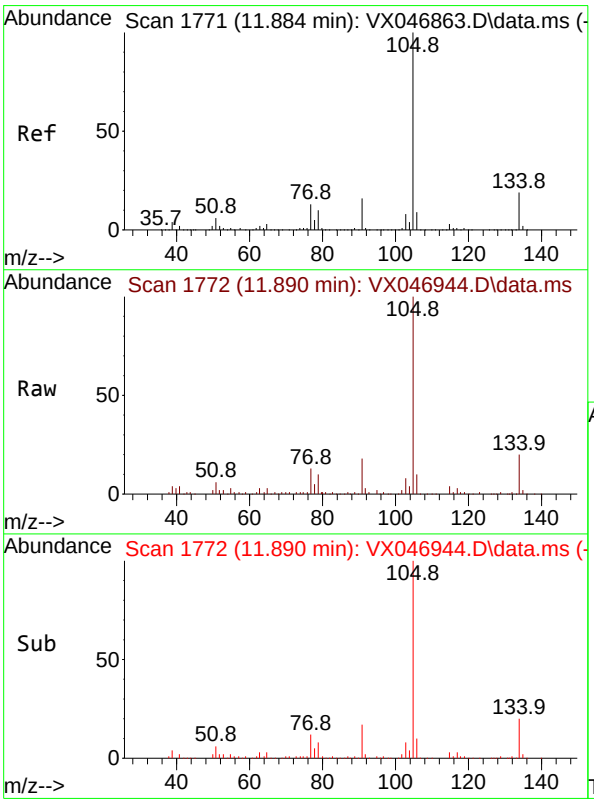
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.9 | 23.3 | 69.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

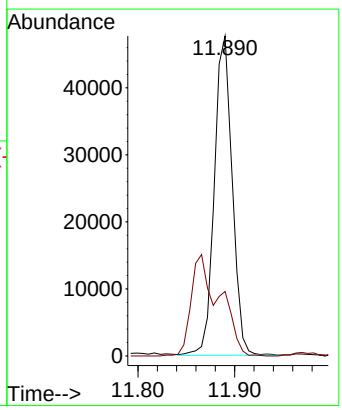


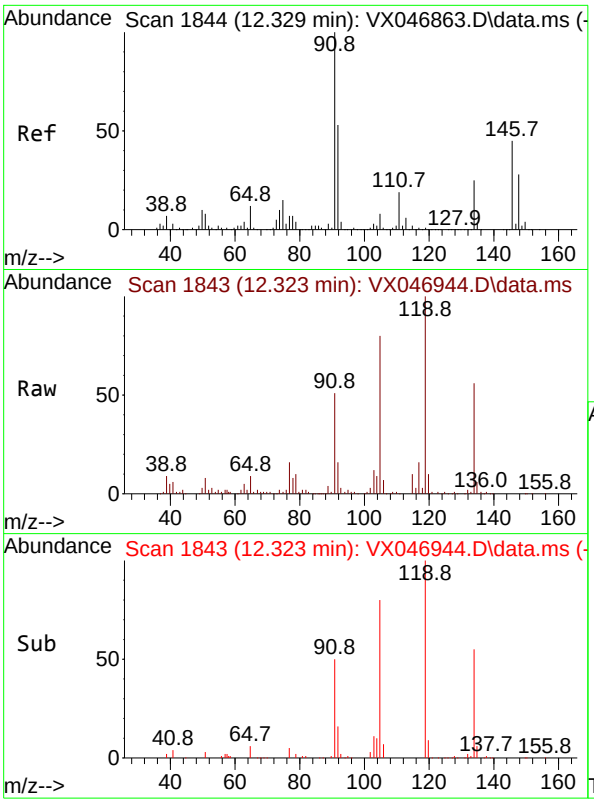




#85
sec-Butylbenzene
Concen: 2.126 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion:105 Resp: 61179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 0.0 | 9.9 | 29.7# |

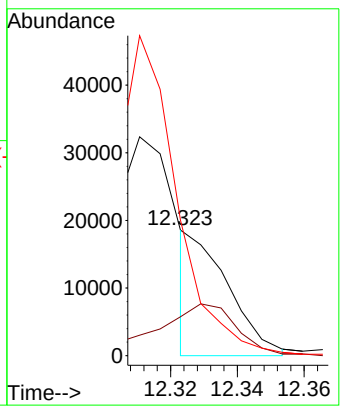





#89
n-Butylbenzene
Concen: 0.631 ug/l m
RT: 12.323 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion: 91 Resp: 1428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 91.5 | 27.0 | 81.0# |
| 134 | 413.9 | 12.8 | 38.4# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Sample Results: **VX046944.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046944.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.264 | 25 | 29 | 42 | rVB3 | 11480 | 29544 | 1.08% | 0.114% |
| 2 | 1.770 | 105 | 112 | 128 | rBV | 212265 | 349338 | 12.74% | 1.344% |
| 3 | 2.361 | 198 | 209 | 220 | rBV | 81937 | 188371 | 6.87% | 0.725% |
| 4 | 2.800 | 272 | 281 | 292 | rBV | 238346 | 622395 | 22.69% | 2.395% |
| 5 | 3.117 | 324 | 333 | 350 | rBV | 167137 | 418139 | 15.24% | 1.609% |
| 6 | 4.062 | 479 | 488 | 500 | rBV4 | 11644 | 41138 | 1.50% | 0.158% |
| 7 | 4.227 | 500 | 515 | 525 | rVV5 | 20823 | 75814 | 2.76% | 0.292% |
| 8 | 4.446 | 539 | 551 | 564 | rBV7 | 21136 | 83664 | 3.05% | 0.322% |
| 9 | 5.147 | 654 | 666 | 681 | rBV9 | 21979 | 103909 | 3.79% | 0.400% |
| 10 | 5.397 | 694 | 707 | 723 | rBV2 | 270661 | 855406 | 31.19% | 3.291% |
| 11 | 5.562 | 724 | 734 | 743 | rBV | 424877 | 1335388 | 48.68% | 5.138% |
| 12 | 5.861 | 772 | 783 | 792 | rBV3 | 47722 | 156343 | 5.70% | 0.602% |
| 13 | 5.964 | 792 | 800 | 816 | rVV | 288762 | 802329 | 29.25% | 3.087% |
| 14 | 6.196 | 829 | 838 | 843 | rBV7 | 14307 | 48672 | 1.77% | 0.187% |
| 15 | 6.269 | 843 | 850 | 858 | rVV3 | 29652 | 87792 | 3.20% | 0.338% |
| 16 | 6.367 | 858 | 866 | 880 | rVB3 | 62644 | 188189 | 6.86% | 0.724% |
| 17 | 6.769 | 923 | 932 | 960 | rBV | 746324 | 1971795 | 71.89% | 7.587% |
| 18 | 6.982 | 960 | 967 | 976 | rVB5 | 18602 | 49261 | 1.80% | 0.190% |
| 19 | 7.178 | 991 | 999 | 1010 | rBV3 | 61657 | 151986 | 5.54% | 0.585% |
| 20 | 7.367 | 1021 | 1030 | 1041 | rVB3 | 58317 | 153846 | 5.61% | 0.592% |
| 21 | 7.507 | 1044 | 1053 | 1058 | rBV | 21747 | 48945 | 1.78% | 0.188% |
| 22 | 7.562 | 1058 | 1062 | 1074 | rVB3 | 23161 | 52230 | 1.90% | 0.201% |
| 23 | 7.781 | 1090 | 1098 | 1106 | rVB3 | 38923 | 85909 | 3.13% | 0.331% |
| 24 | 8.007 | 1123 | 1135 | 1144 | rVB4 | 23417 | 86616 | 3.16% | 0.333% |
| 25 | 8.110 | 1144 | 1152 | 1161 | rBV3 | 40197 | 90462 | 3.30% | 0.348% |
| 26 | 8.220 | 1161 | 1170 | 1179 | rVB6 | 16686 | 43453 | 1.58% | 0.167% |
| 27 | 8.311 | 1179 | 1185 | 1194 | rBV5 | 48809 | 119326 | 4.35% | 0.459% |
| 28 | 8.513 | 1209 | 1218 | 1227 | rVB5 | 32812 | 82580 | 3.01% | 0.318% |
| 29 | 8.647 | 1227 | 1240 | 1253 | rBV | 1593828 | 2742969 | 100.00% | 10.554% |
| 30 | 8.775 | 1255 | 1261 | 1265 | rBV | 29733 | 47718 | 1.74% | 0.184% |
| 31 | 8.921 | 1281 | 1285 | 1289 | rVB2 | 20091 | 30517 | 1.11% | 0.117% |
| 32 | 8.976 | 1289 | 1294 | 1300 | rVB2 | 66782 | 111582 | 4.07% | 0.429% |
| 33 | 9.104 | 1307 | 1315 | 1320 | rVV4 | 61080 | 119310 | 4.35% | 0.459% |
| 34 | 9.165 | 1320 | 1325 | 1335 | rVB | 208205 | 355664 | 12.97% | 1.368% |
| 35 | 9.323 | 1344 | 1351 | 1357 | rBV5 | 14558 | 32679 | 1.19% | 0.126% |
| 36 | 9.427 | 1363 | 1368 | 1371 | rBV | 110809 | 174830 | 6.37% | 0.673% |

Sample Results: **VX046944.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.458 | 1371 | 1373 | 1376 | rVV | 79170 | 108445 | 3.95% | 0.417% |
| 38 | 9.500 | 1376 | 1380 | 1389 | rVB3 | 95354 | 184335 | 6.72% | 0.709% |
| 39 | 9.659 | 1400 | 1406 | 1415 | rVB4 | 23140 | 52677 | 1.92% | 0.203% |
| 40 | 9.762 | 1417 | 1423 | 1431 | rBV2 | 72730 | 124158 | 4.53% | 0.478% |
| 41 | 9.939 | 1444 | 1452 | 1455 | rBV3 | 21887 | 45744 | 1.67% | 0.176% |
| 42 | 9.976 | 1455 | 1458 | 1462 | rVV4 | 22301 | 28440 | 1.04% | 0.109% |
| 43 | 10.055 | 1465 | 1471 | 1477 | rVV | 1659214 | 2288244 | 83.42% | 8.804% |
| 44 | 10.128 | 1480 | 1483 | 1485 | rVV | 52023 | 70198 | 2.56% | 0.270% |
| 45 | 10.159 | 1485 | 1488 | 1493 | rVB2 | 49642 | 63192 | 2.30% | 0.243% |
| 46 | 10.275 | 1502 | 1507 | 1517 | rVB5 | 44529 | 101424 | 3.70% | 0.390% |
| 47 | 10.457 | 1532 | 1537 | 1547 | rVB3 | 19159 | 41544 | 1.51% | 0.160% |
| 48 | 10.585 | 1547 | 1558 | 1565 | rBV4 | 29219 | 79611 | 2.90% | 0.306% |
| 49 | 10.774 | 1583 | 1589 | 1592 | rBV3 | 24672 | 39619 | 1.44% | 0.152% |
| 50 | 10.866 | 1598 | 1604 | 1610 | rBV7 | 15441 | 30926 | 1.13% | 0.119% |
| 51 | 10.963 | 1615 | 1620 | 1624 | rBV | 169175 | 235552 | 8.59% | 0.906% |
| 52 | 11.079 | 1634 | 1639 | 1644 | rBV | 1410543 | 1785701 | 65.10% | 6.871% |
| 53 | 11.122 | 1644 | 1646 | 1653 | rVB4 | 39699 | 53379 | 1.95% | 0.205% |
| 54 | 11.305 | 1671 | 1676 | 1685 | rVB | 216553 | 280073 | 10.21% | 1.078% |
| 55 | 11.616 | 1722 | 1727 | 1734 | rVB2 | 27670 | 44480 | 1.62% | 0.171% |
| 56 | 11.713 | 1738 | 1743 | 1745 | rBV2 | 24203 | 29817 | 1.09% | 0.115% |
| 57 | 11.750 | 1745 | 1749 | 1754 | rVB | 48690 | 67080 | 2.45% | 0.258% |
| 58 | 11.860 | 1762 | 1767 | 1770 | rBV | 160453 | 229313 | 8.36% | 0.882% |
| 59 | 11.890 | 1770 | 1772 | 1777 | rVB | 117672 | 125623 | 4.58% | 0.483% |
| 60 | 12.018 | 1788 | 1793 | 1802 | rBV | 1935166 | 2332730 | 85.04% | 8.975% |
| 61 | 12.177 | 1815 | 1819 | 1825 | rVB | 77099 | 98597 | 3.59% | 0.379% |
| 62 | 12.244 | 1825 | 1830 | 1837 | rBV | 583891 | 719008 | 26.21% | 2.766% |
| 63 | 12.311 | 1837 | 1841 | 1849 | rVB | 465105 | 604972 | 22.06% | 2.328% |
| 64 | 12.402 | 1851 | 1856 | 1863 | rBV | 190031 | 230680 | 8.41% | 0.888% |
| 65 | 12.530 | 1871 | 1877 | 1879 | rBV2 | 24218 | 33362 | 1.22% | 0.128% |
| 66 | 12.609 | 1884 | 1890 | 1894 | rVV2 | 47229 | 76231 | 2.78% | 0.293% |
| 67 | 12.658 | 1894 | 1898 | 1900 | rVV3 | 23924 | 36235 | 1.32% | 0.139% |
| 68 | 12.695 | 1900 | 1904 | 1911 | rVV | 346436 | 499998 | 18.23% | 1.924% |
| 69 | 12.756 | 1911 | 1914 | 1919 | rVB | 55729 | 67834 | 2.47% | 0.261% |
| 70 | 12.835 | 1919 | 1927 | 1933 | rVB2 | 130290 | 204503 | 7.46% | 0.787% |
| 71 | 12.920 | 1933 | 1941 | 1945 | rBV | 652559 | 873905 | 31.86% | 3.362% |
| 72 | 12.963 | 1945 | 1948 | 1954 | rVV3 | 49171 | 83586 | 3.05% | 0.322% |
| 73 | 13.030 | 1954 | 1959 | 1964 | rVB3 | 138938 | 216502 | 7.89% | 0.833% |
| 74 | 13.134 | 1966 | 1976 | 1980 | rBV2 | 218301 | 345077 | 12.58% | 1.328% |
| 75 | 13.189 | 1982 | 1985 | 1991 | rVB | 127141 | 167442 | 6.10% | 0.644% |
| 76 | 13.292 | 1998 | 2002 | 2006 | rBV2 | 41703 | 55166 | 2.01% | 0.212% |

Sample Results: **VX046944.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.341 | 2006 | 2010 | 2018 | rVV3 | 78927 | 127688 | 4.66% | 0.491% |
| 78 | 13.426 | 2020 | 2024 | 2029 | rVB4 | 29544 | 44504 | 1.62% | 0.171% |
| 79 | 13.512 | 2033 | 2038 | 2040 | rBV5 | 18862 | 30808 | 1.12% | 0.119% |
| 80 | 13.542 | 2040 | 2043 | 2046 | rVV | 94355 | 132448 | 4.83% | 0.510% |
| 81 | 13.573 | 2046 | 2048 | 2052 | rVV | 112803 | 146609 | 5.34% | 0.564% |
| 82 | 13.615 | 2052 | 2055 | 2061 | rVV | 102226 | 148839 | 5.43% | 0.573% |
| 83 | 13.750 | 2071 | 2077 | 2080 | rBV2 | 28485 | 38984 | 1.42% | 0.150% |
| 84 | 13.792 | 2080 | 2084 | 2090 | rVV4 | 23345 | 50758 | 1.85% | 0.195% |
| 85 | 13.853 | 2090 | 2094 | 2098 | rVB | 58618 | 79461 | 2.90% | 0.306% |
| 86 | 13.926 | 2098 | 2106 | 2110 | rBV2 | 65120 | 105178 | 3.83% | 0.405% |
| 87 | 13.969 | 2110 | 2113 | 2118 | rVB2 | 26725 | 33077 | 1.21% | 0.127% |
| 88 | 14.219 | 2149 | 2154 | 2162 | rBV3 | 32160 | 66218 | 2.41% | 0.255% |
| 89 | 14.316 | 2166 | 2170 | 2177 | rVV2 | 87256 | 143048 | 5.22% | 0.550% |
| 90 | 14.597 | 2210 | 2216 | 2220 | rBV2 | 47764 | 78216 | 2.85% | 0.301% |
| 91 | 14.780 | 2241 | 2246 | 2256 | rVB3 | 42243 | 71490 | 2.61% | 0.275% |

Sum of corrected areas: 25990838

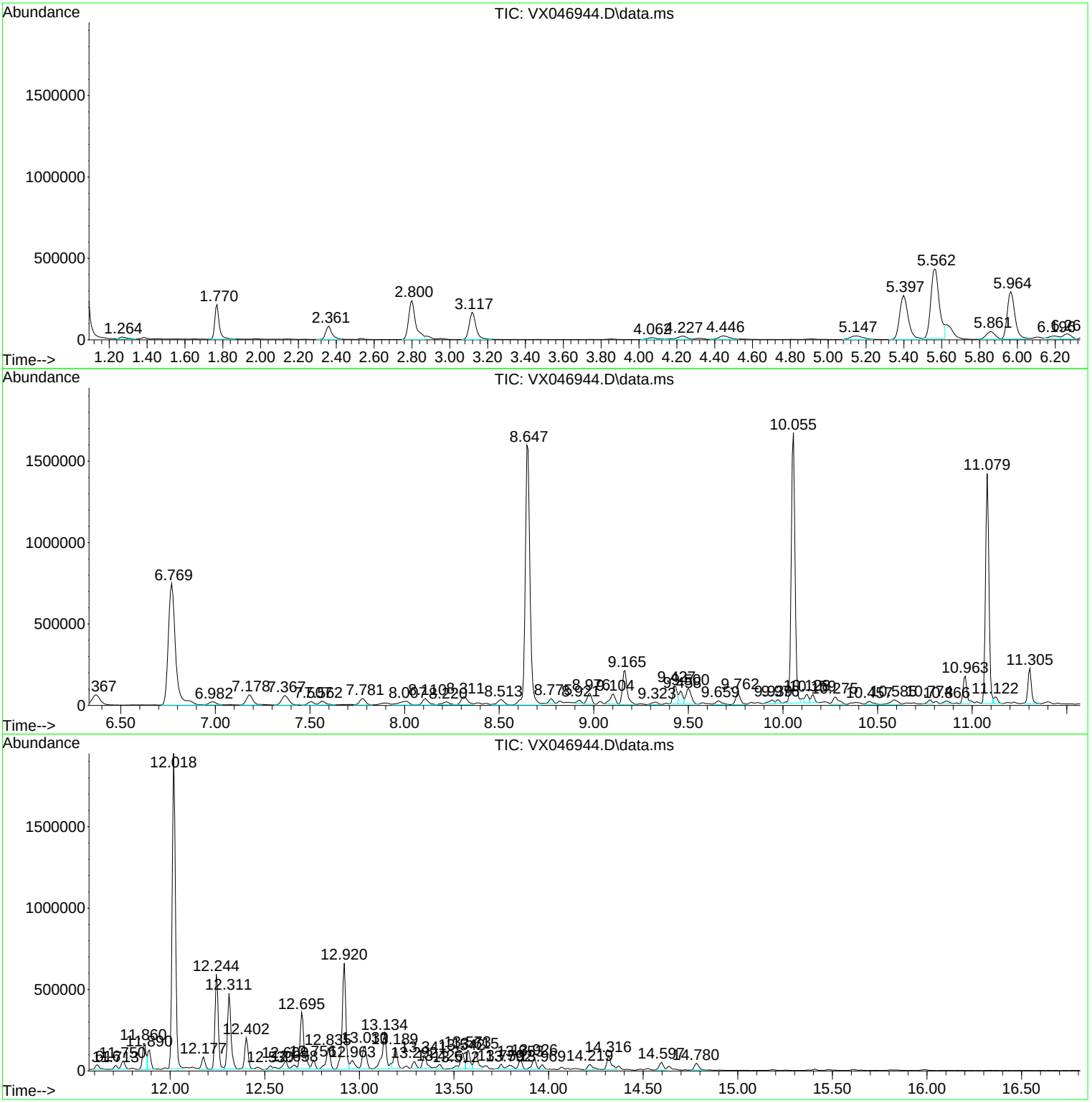
Sample Results: **VX046944.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

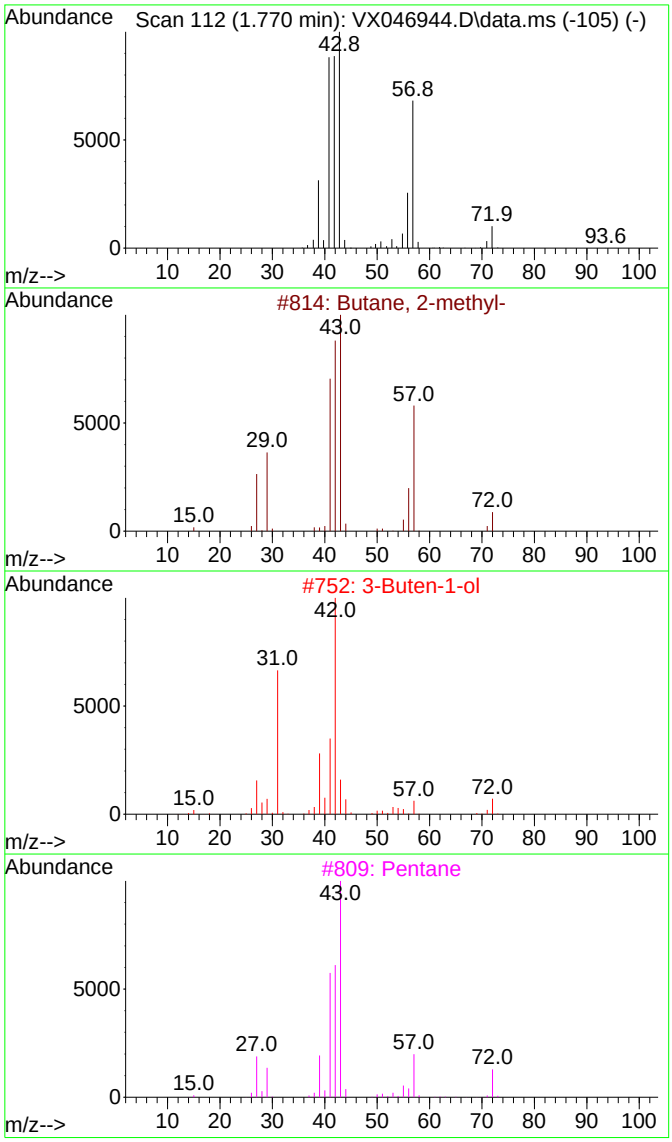
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

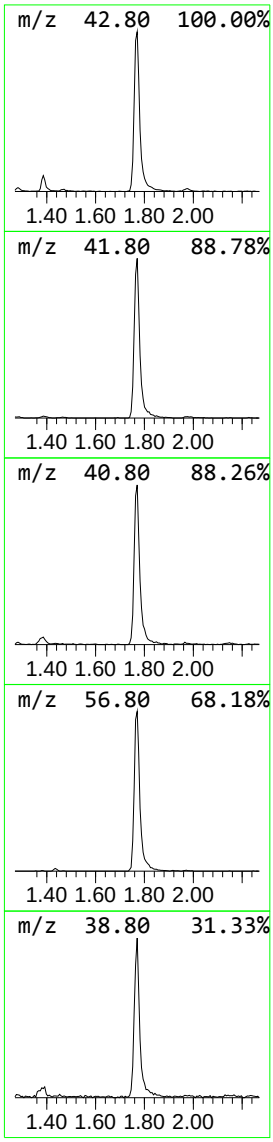
**********

Peak Number 1 Butane, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.770 | 13.08 ug/l | 349338 | Pentafluorobenzene | 5.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 91 |
| 2 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 47 |
| 3 | Pentane | 72 | C5H12 | 000109-66-0 | 33 |
| 4 | 2,5-Furandione, dihydro-3-methyl- | 114 | C5H6O3 | 004100-80-5 | 23 |
| 5 | 1-Butene | 56 | C4H8 | 000106-98-9 | 18 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

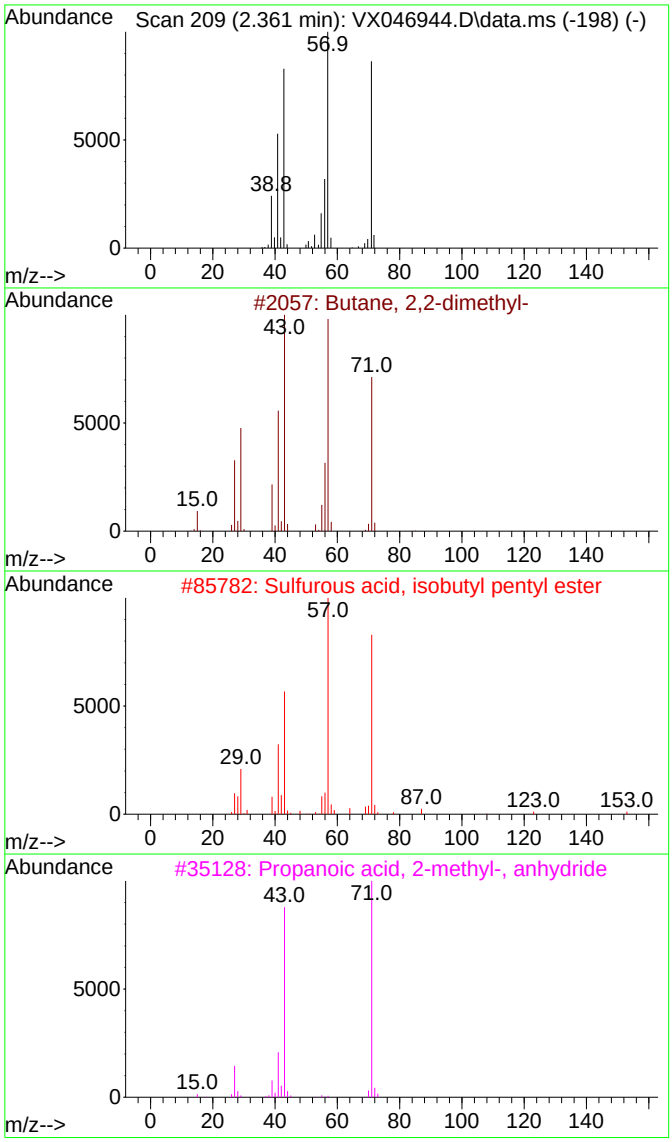
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

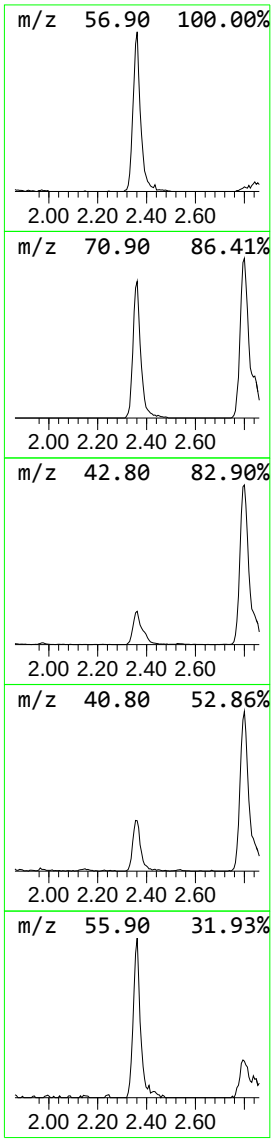
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.361 | 7.05 ug/l | 188371 | Pentafluorobenzene | 5.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2,2-dimethyl- | 86 | C6H14 | 000075-83-2 | 83 |
| 2 | Sulfurous acid, isobutyl pentyl ... | 208 | C9H20O3S | 1000309-13-8 | 64 |
| 3 | Propanoic acid, 2-methyl-, anhyd... | 158 | C8H14O3 | 000097-72-3 | 40 |
| 4 | Heptane, 3,3,4-trimethyl- | 142 | C10H22 | 020278-87-9 | 33 |
| 5 | Oxirane, propyl- | 86 | C5H10O | 001003-14-1 | 33 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

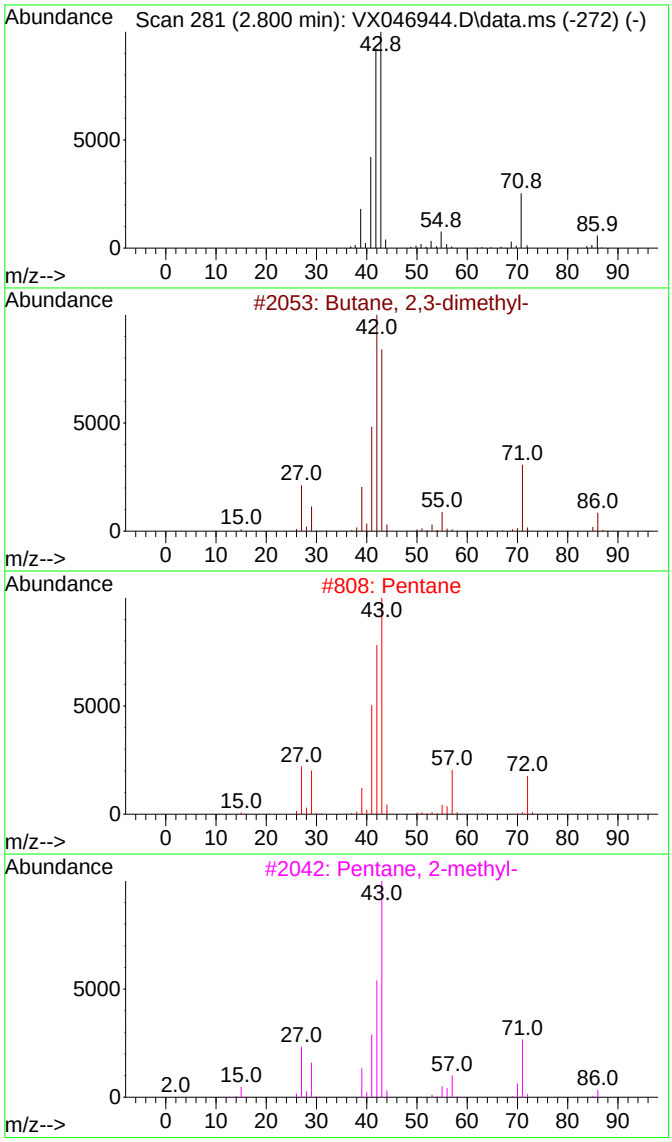
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

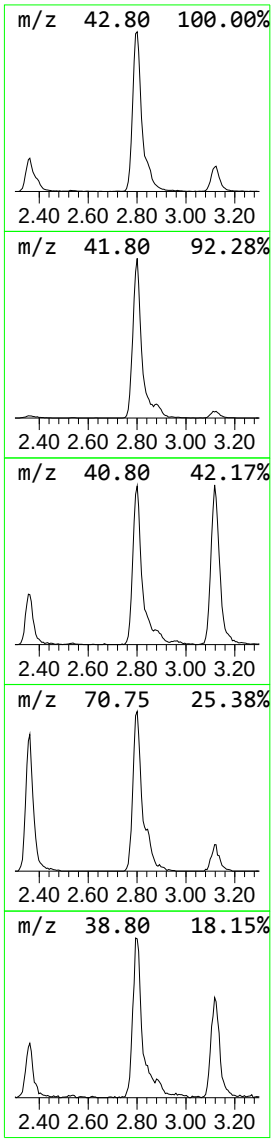
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.800 | 23.30 ug/l | 622395 | Pentafluorobenzene | 5.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 87 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 45 |
| 3 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 40 |
| 4 | Tetrahydrofuran | 72 | C4H8O | 000109-99-9 | 38 |
| 5 | Propanoyl chloride, 2-methyl- | 106 | C4H7ClO | 000079-30-1 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

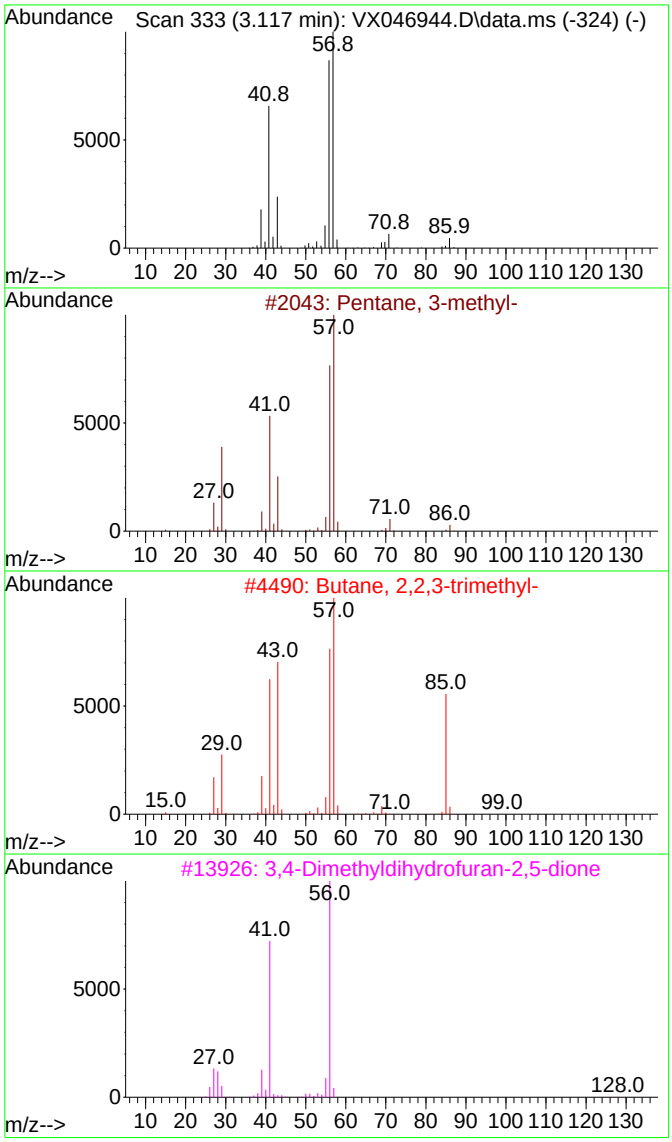
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

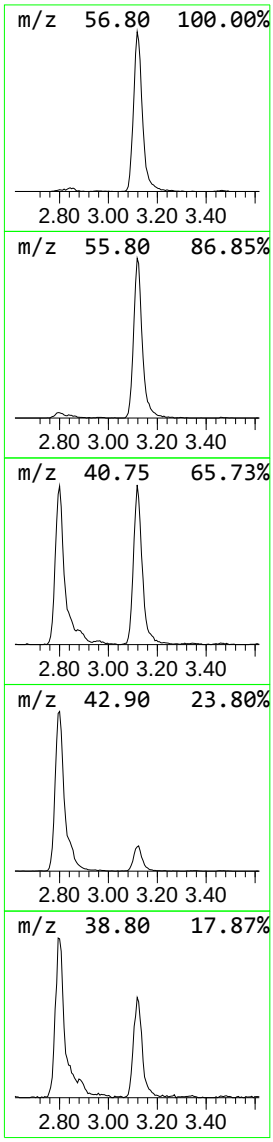
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.117 | 15.66 ug/l | 418139 | Pentafluorobenzene | 5.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 91 |
| 2 | Butane, 2,2,3-trimethyl- | 100 | C7H16 | 000464-06-2 | 64 |
| 3 | 3,4-Dimethyldihydrofuran-2,5-dione | 128 | C6H8O3 | 007475-92-5 | 53 |
| 4 | Hexane, 3,4-dimethyl- | 114 | C8H18 | 000583-48-2 | 50 |
| 5 | Oxirane, (1-methylethyl)- | 86 | C5H10O | 001438-14-8 | 45 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

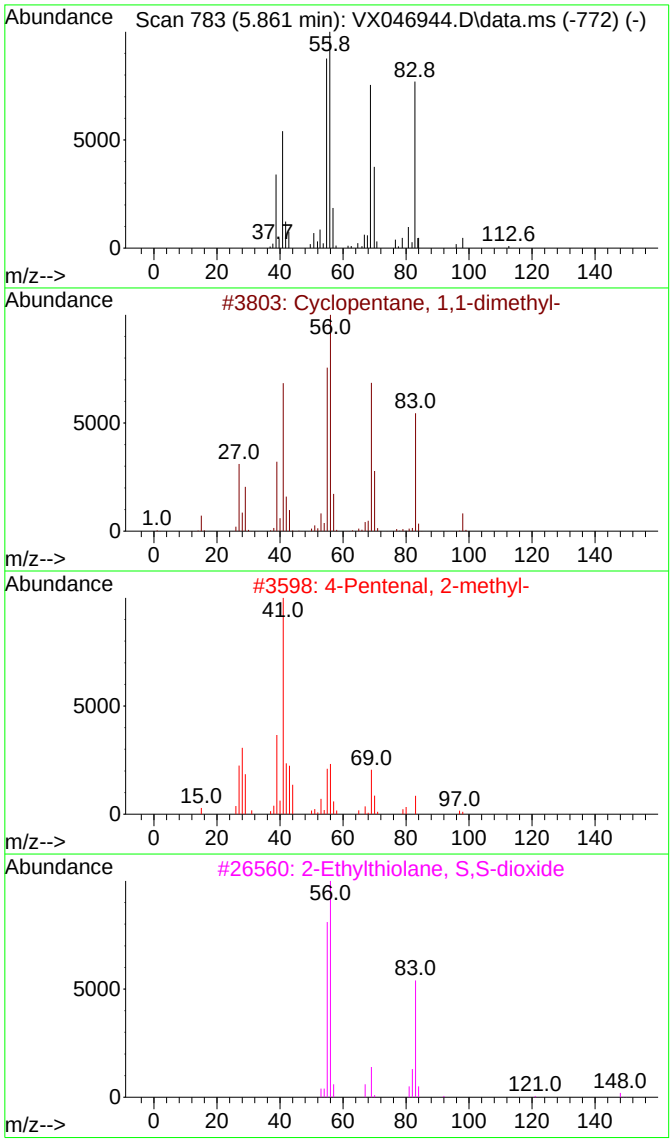
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

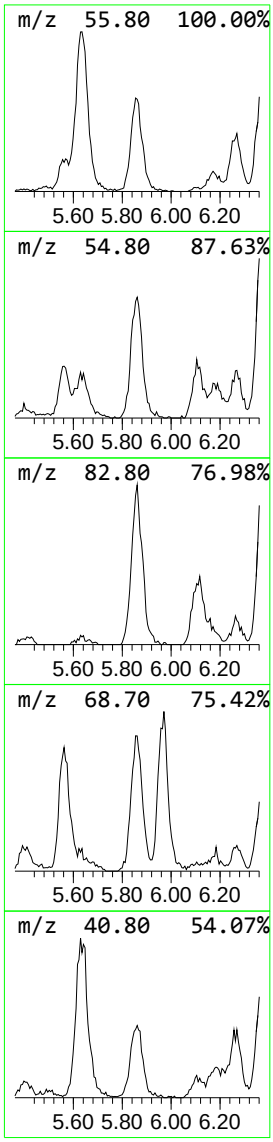
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Cyclopentane, 1,1-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.861 | 5.85 ug/l | 156343 | Pentafluorobenzene | 5.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,1-dimethyl- | 98 | C7H14 | 001638-26-2 | 78 |
| 2 | 4-Pentenal, 2-methyl- | 98 | C6H10O | 005187-71-3 | 53 |
| 3 | 2-Ethylthiolane, S,S-dioxide | 148 | C6H12O2S | 010178-59-3 | 50 |
| 4 | 2-Heptene | 98 | C7H14 | 000592-77-8 | 50 |
| 5 | 1-Heptene, 6-methyl- | 112 | C8H16 | 005026-76-6 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

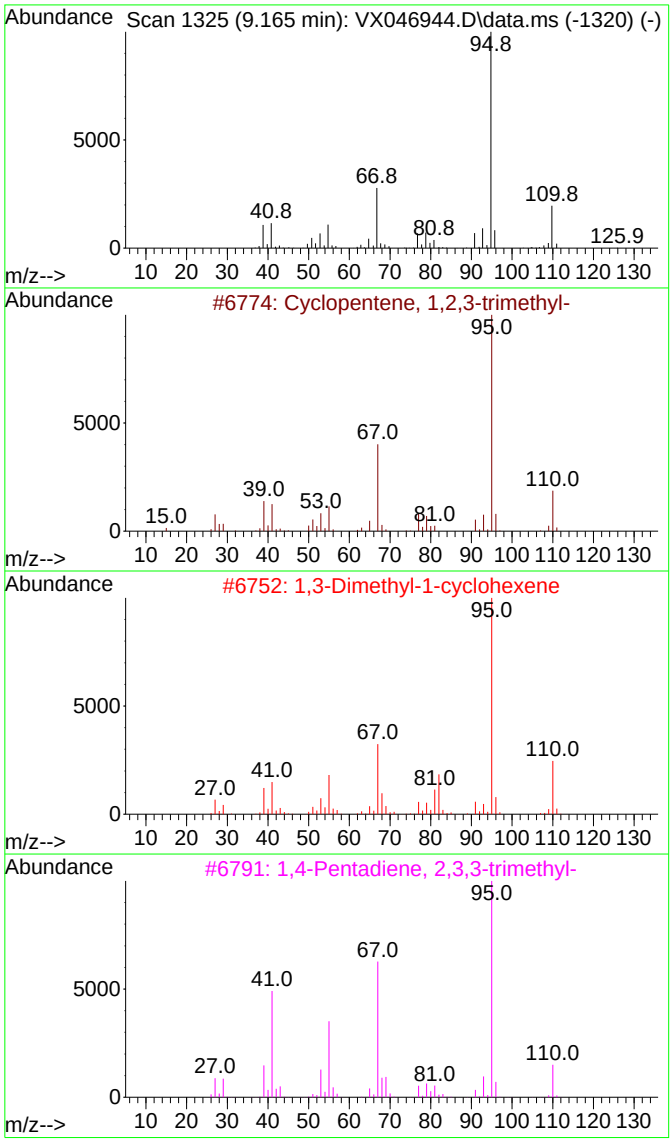
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

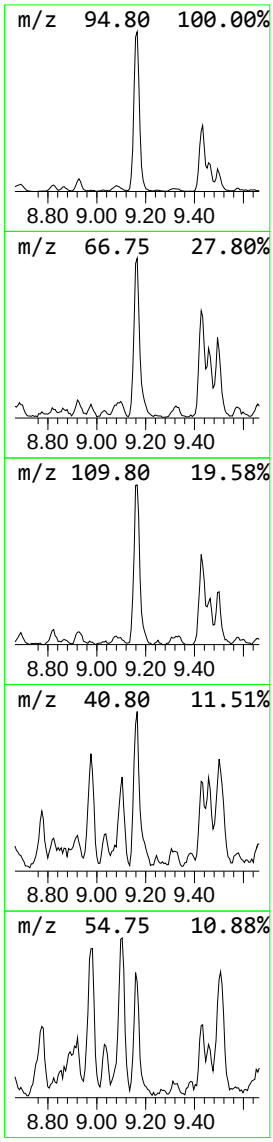
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.165 | 7.77 ug/l | 355664 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 1,2,3-trimethyl- | 110 | C8H14 | 000473-91-6 | 91 |
| 2 | 1,3-Dimethyl-1-cyclohexene | 110 | C8H14 | 002808-76-6 | 91 |
| 3 | 1,4-Pentadiene, 2,3,3-trimethyl- | 110 | C8H14 | 000756-02-5 | 78 |
| 4 | Bicyclo[3.1.0]hexane, 1,5-dimethyl- | 110 | C8H14 | 1010142-17-5 | 72 |
| 5 | 1,4-Pentadiene, 2,3,4-trimethyl- | 110 | C8H14 | 072014-90-5 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

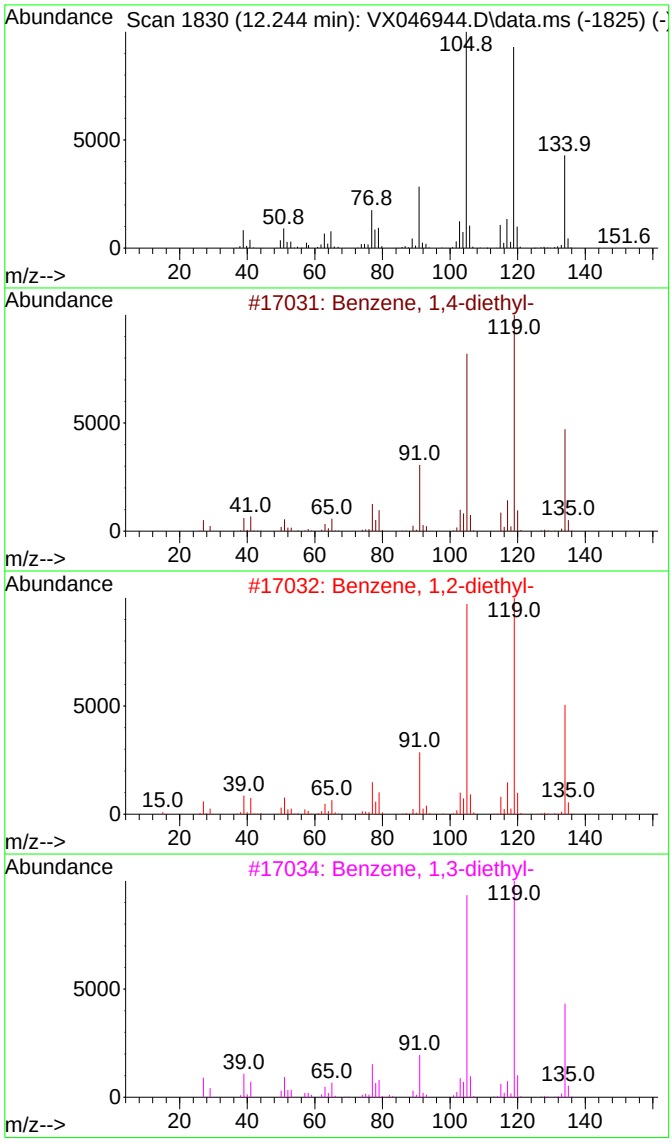
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

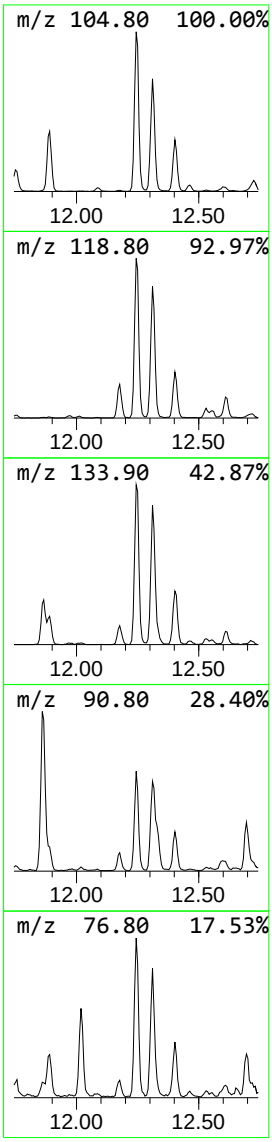
**********

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 15.41 ug/l | 719008 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 97 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |



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Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

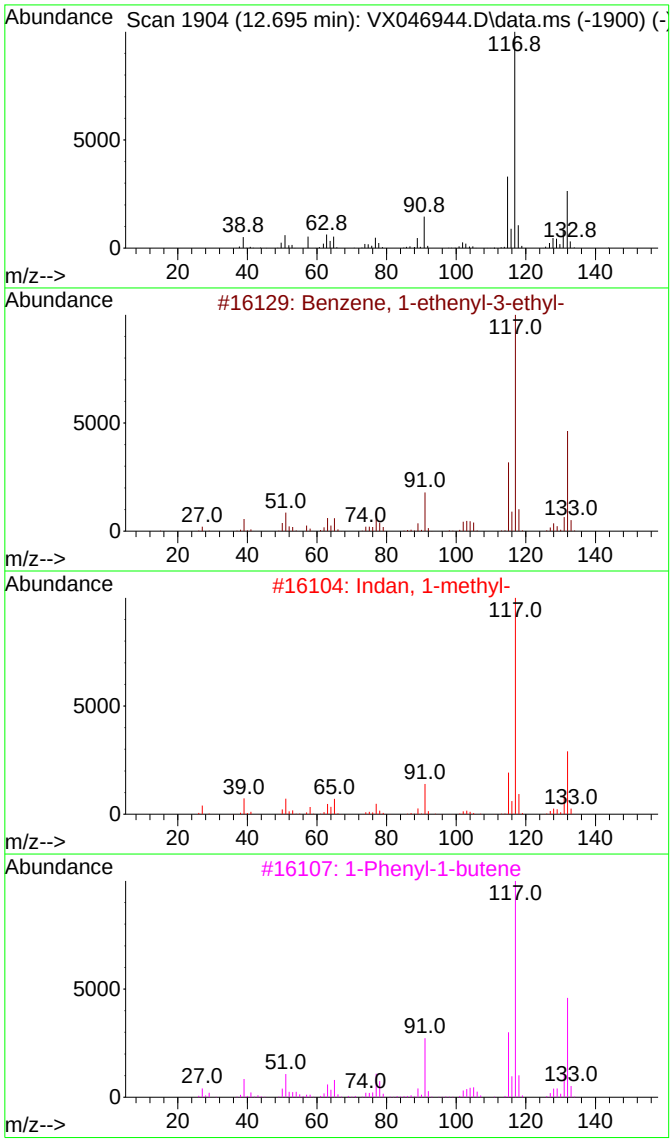
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

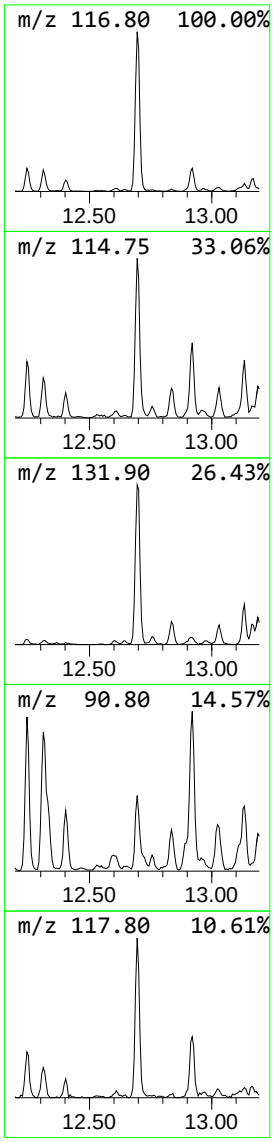
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.695 | 10.72 ug/l | 499998 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 90 |
| 4 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

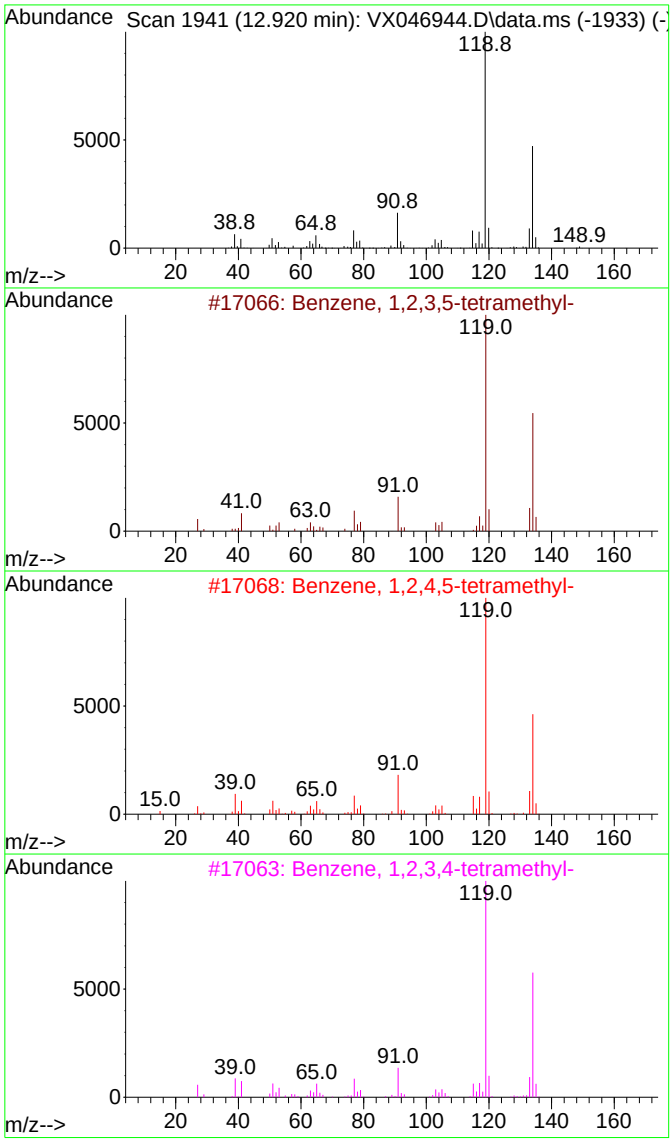
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

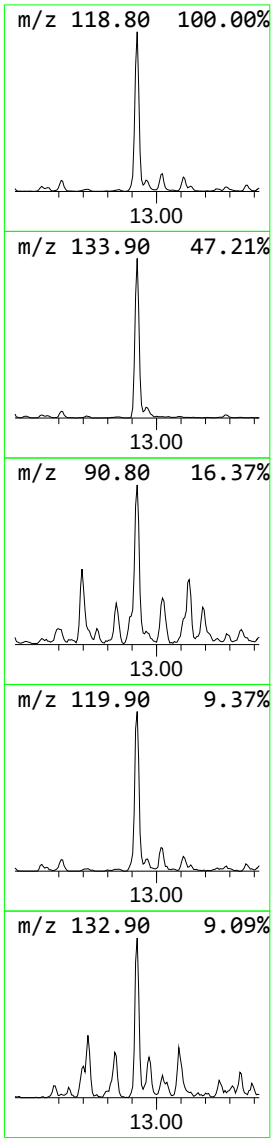
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.920 | 18.73 ug/l | 873905 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 96 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 93 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

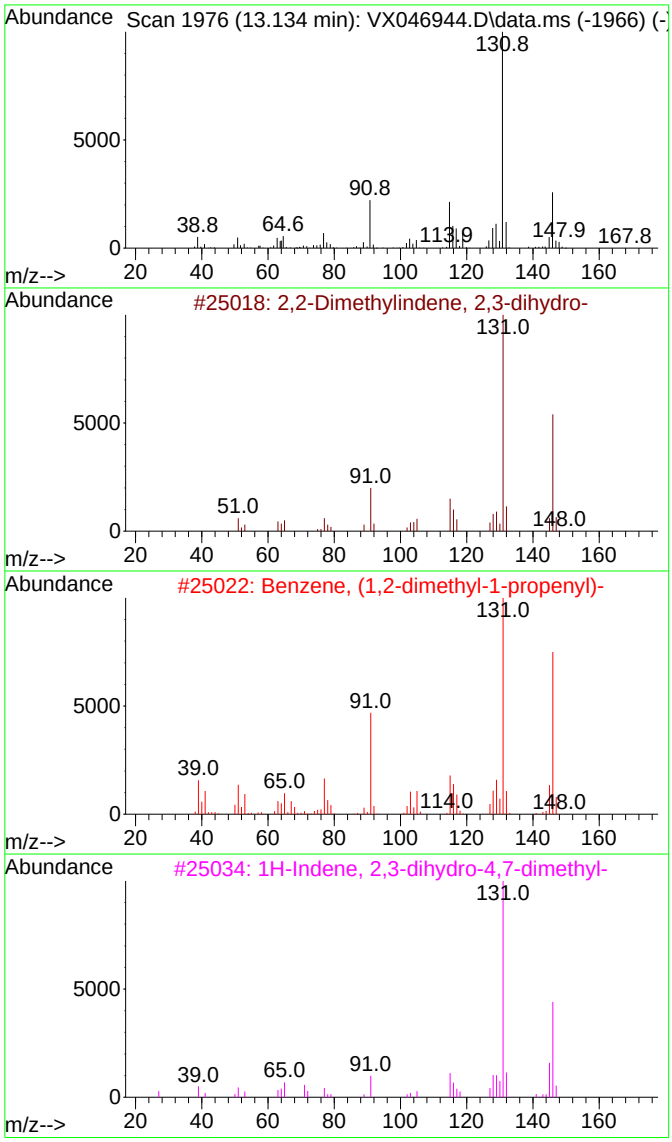
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

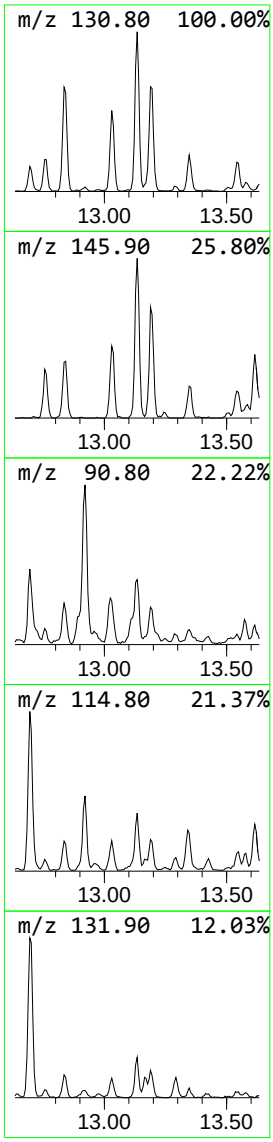
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 2,2-Dimethylindene, 2,3-dih... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.134 | 7.40 ug/l | 345077 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 94 |
| 2 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 93 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 91 |
| 4 | Benzene, 1-methyl-2-(1-methyl-2-... | 146 | C11H14 | 097664-19-2 | 90 |
| 5 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 90 |



Sample Results: **VX046944.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-202

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-methyl- | 1.770 | 13.1 | ug/l | 349338 | 1 | 5.568 | 1335390 | 50.0 |
| Butane, 2,2-dim... | 2.361 | 7.0 | ug/l | 188371 | 1 | 5.568 | 1335390 | 50.0 |
| Butane, 2,3-dim... | 2.800 | 23.3 | ug/l | 622395 | 1 | 5.568 | 1335390 | 50.0 |
| Pentane, 3-methyl- | 3.117 | 15.7 | ug/l | 418139 | 1 | 5.568 | 1335390 | 50.0 |
| Cyclopentane, 1... | 5.861 | 5.8 | ug/l | 156343 | 1 | 5.568 | 1335390 | 50.0 |
| Cyclopentene, 1... | 9.165 | 7.8 | ug/l | 355664 | 3 | 10.055 | 2288240 | 50.0 |
| Benzene, 1,4-di... | 12.244 | 15.4 | ug/l | 719008 | 4 | 12.018 | 2332730 | 50.0 |
| Benzene, 1-ethe... | 12.695 | 10.7 | ug/l | 499998 | 4 | 12.018 | 2332730 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 18.7 | ug/l | 873905 | 4 | 12.018 | 2332730 | 50.0 |
| 2,2-Dimethylind... | 13.134 | 7.4 | ug/l | 345077 | 4 | 12.018 | 2332730 | 50.0 |

Raw Data: **VX046945.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-203 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-03 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046945.D | 1 | 07/10/25 15:26 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 74-87-3 | Chloromethane | 5.00 | U | 0.32 | 5.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 5.00 | U | 0.26 | 5.00 | ug/L |
| 74-83-9 | Bromomethane | 5.00 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 5.00 | U | 0.47 | 5.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 5.00 | U | 0.33 | 5.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 5.00 | U | 0.25 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 67-64-1 | Acetone | 25.0 | U | 1.50 | 25.0 | ug/L |
| 75-15-0 | Carbon Disulfide | 5.00 | U | 0.21 | 5.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-20-9 | Methyl Acetate | 5.00 | U | 0.27 | 5.00 | ug/L |
| 75-09-2 | Methylene Chloride | 5.00 | U | 0.28 | 5.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 5.00 | U | 0.23 | 5.00 | ug/L |
| 110-82-7 | Cyclohexane | 55.7 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 25.0 | U | 0.98 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 5.00 | U | 0.25 | 5.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 74-97-5 | Bromochloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 5.00 | U | 0.25 | 5.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 57.8 | | 0.16 | 5.00 | ug/L |
| 71-43-2 | Benzene | 3.30 | J | 0.15 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 5.00 | U | 0.090 | 5.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 25.0 | U | 0.68 | 25.0 | ug/L |
| 108-88-3 | Toluene | 0.40 | J | 0.14 | 5.00 | ug/L |

Raw Data: **VX046945.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-203 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-03 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046945.D | 1 | 07/10/25 15:26 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 5.00 | U | 0.17 | 5.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 5.00 | U | 0.21 | 5.00 | ug/L |
| 591-78-6 | 2-Hexanone | 25.0 | U | 0.89 | 25.0 | ug/L |
| 124-48-1 | Dibromochloromethane | 5.00 | U | 0.18 | 5.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 5.00 | U | 0.15 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 140 | | 0.13 | 5.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 6.50 | J | 0.24 | 10.0 | ug/L |
| 95-47-6 | o-Xylene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-42-5 | Styrene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 75-25-2 | Bromoform | 5.00 | U | 0.19 | 5.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 100 | | 0.12 | 5.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.00 | U | 0.26 | 5.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 5.00 | U | 0.53 | 5.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 49.8 | | 70 (74) - 130 (125) | 100% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 47.9 | | 70 (75) - 130 (124) | 96% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 49.9 | | 70 (86) - 130 (113) | 100% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 50.6 | | 70 (77) - 130 (121) | 101% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 395000 | 5.562 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 673000 | 6.769 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 624000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 298000 | 12.018 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-203 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-03 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046945.D | 1 | 07/10/25 15:26 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 000107-83-5 | Pentane, 2-methyl- | 87.8 | J | | 2.84 | ug/L |
| 000096-14-0 | Pentane, 3-methyl- | 64.3 | J | | 3.12 | ug/L |
| 000096-37-7 | Cyclopentane, methyl- | 94.3 | J | | 4.32 | ug/L |
| 103-65-1 | n-propylbenzene | 250 | J | | 11.3 | ug/L |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 86.6 | J | | 11.4 | ug/L |
| 108-67-8 | 1,3,5-Trimethylbenzene | 100 | J | | 11.5 | ug/L |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 95.7 | J | | 11.6 | ug/L |
| 98-06-6 | tert-Butylbenzene | 1.00 | J | | 11.7 | ug/L |
| 95-63-6 | 1,2,4-Trimethylbenzene | 160 | J | | 11.8 | ug/L |
| 135-98-8 | sec-Butylbenzene | 17.6 | J | | 11.9 | ug/L |
| 99-87-6 | p-Isopropyltoluene | 2.90 | J | | 12.0 | ug/L |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 260 | J | | 12.1 | ug/L |
| 000496-11-7 | Indane | 370 | J | | 12.2 | ug/L |
| 104-51-8 | n-Butylbenzene | 25.4 | J | | 12.3 | ug/L |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 190 | J | | 12.6 | ug/L |
| 000767-58-8 | Indan, 1-methyl- | 130 | J | | 12.7 | ug/L |
| 000488-23-3 | Benzene, 1,2,3,4-tetramethyl- | 130 | J | | 12.9 | ug/L |
| 000824-22-6 | 1H-Indene, 2,3-dihydro-4-methyl- | 90.6 | J | | 13.2 | ug/L |
| 000874-35-1 | 1H-Indene, 2,3-dihydro-5-methyl- | 220 | J | | 13.3 | ug/L |

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 11 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 394931 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 673452 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 623779 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 297586 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 259762 | 49.787 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 99.580% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 218856 | 47.875 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 95.740% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 804116 | 49.856 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.720% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 310029 | 50.576 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 101.160% | | | |
| Target Compounds | | | | | | Qvalue |
| 31) Cyclohexane | 5.489 | 56 | 415511 | 55.714 | ug/l # | 95 |
| 39) Methylcyclohexane | 7.385 | 83 | 445744 | 57.774 | ug/l | 95 |
| 40) Benzene | 6.056 | 78 | 62304 | 3.340 | ug/l | 91 |
| 52) Toluene | 8.732 | 92 | 4574 | 0.396 | ug/l | 100 |
| 67) Ethyl Benzene | 10.195 | 91 | 3195246 | 138.347 | ug/l | 97 |
| 68) m/p-Xylenes | 10.299 | 106 | 56792 | 6.526 | ug/l | 97 |
| 73) Isopropylbenzene | 10.964 | 105 | 2130123 | 101.825 | ug/l | 100 |
| 78) n-propylbenzene | 11.305 | 91 | 6327167 | 250.832 | ug/l | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 1726987 | 101.599 | ug/l | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 18026 | 1.027 | ug/l | 85 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 2772389 | 161.364 | ug/l | 98 |
| 85) sec-Butylbenzene | 11.890 | 105 | 389810 | 17.611 | ug/l | 95 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 54330 | 2.931 | ug/l # | 76 |
| 89) n-Butylbenzene | 12.329 | 91 | 442426m | 25.402 | ug/l | |

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

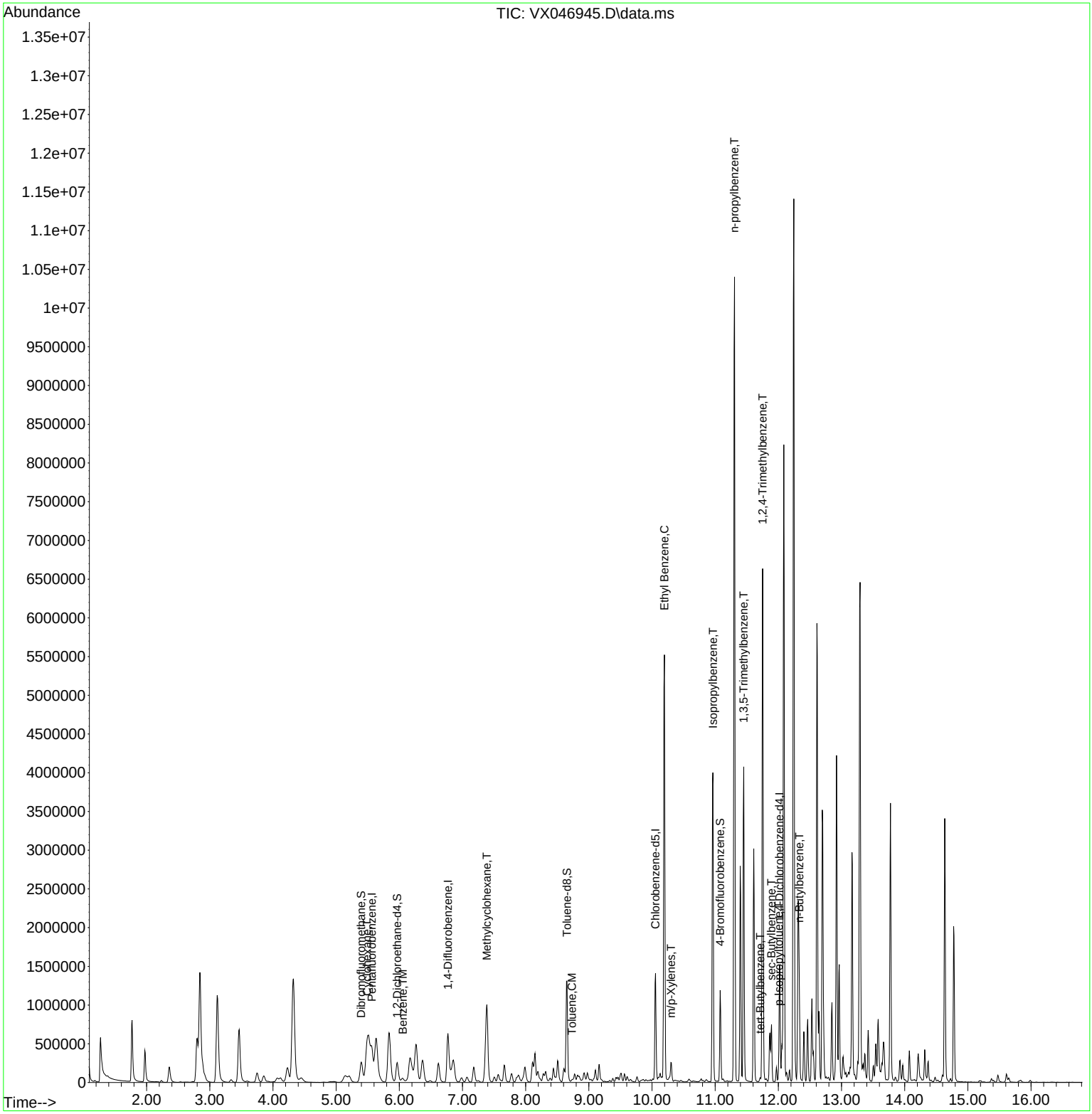
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

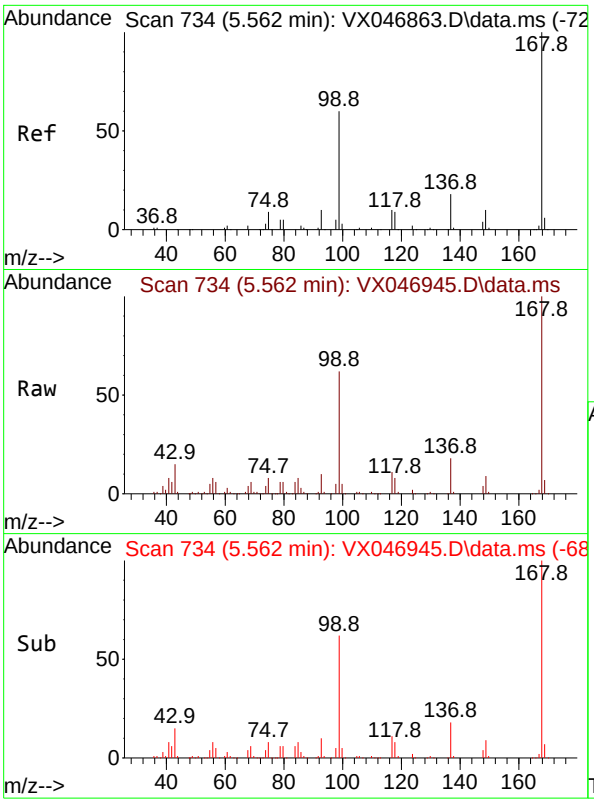
Quant Time: Jul 11 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

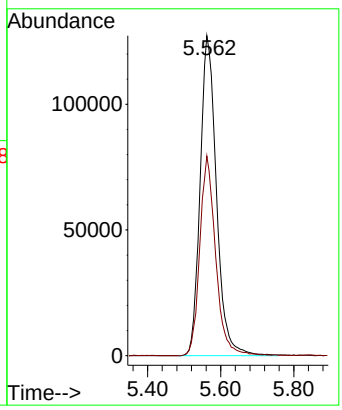





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:168 Resp: 39493

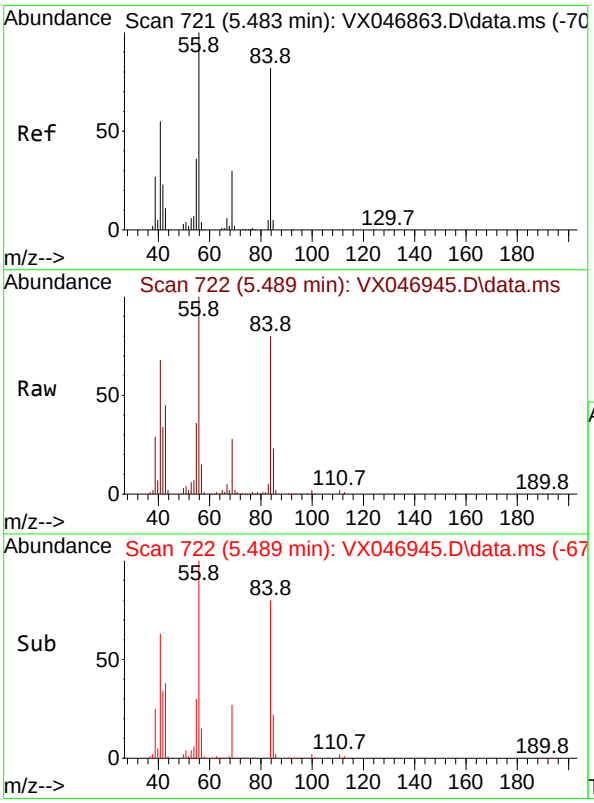
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 62.4 | 48.8 | 73.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

**Manual Integrations**
**APPROVED**

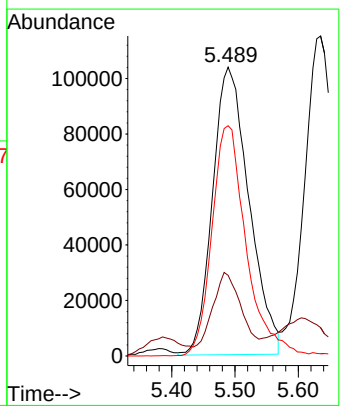
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

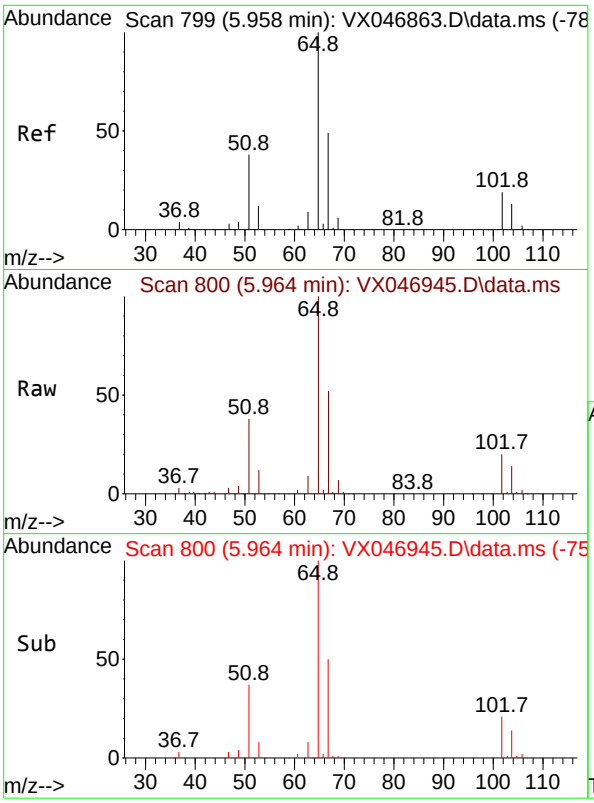



#31
Cyclohexane
Concen: 55.714 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 56 Resp: 415511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 23.8 | 24.0 | 36.0# |
| 84 | 80.5 | 66.5 | 99.7 |

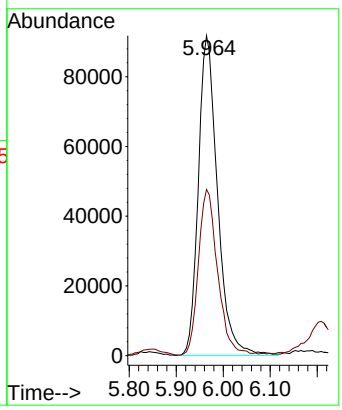





#33
1,2-Dichloroethane-d4
Concen: 49.787 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 65 Resp: 25976

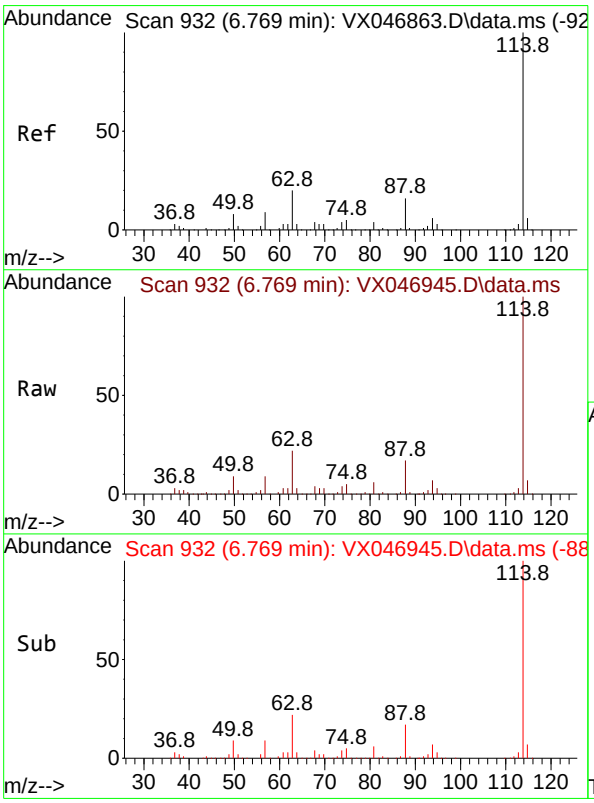
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 105.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

**Manual Integrations**
**APPROVED**

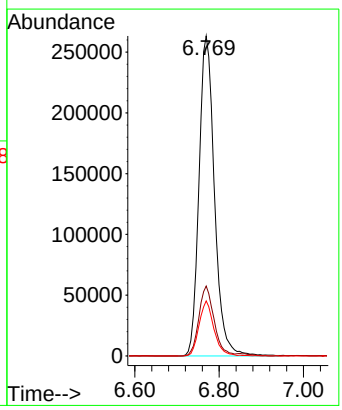
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

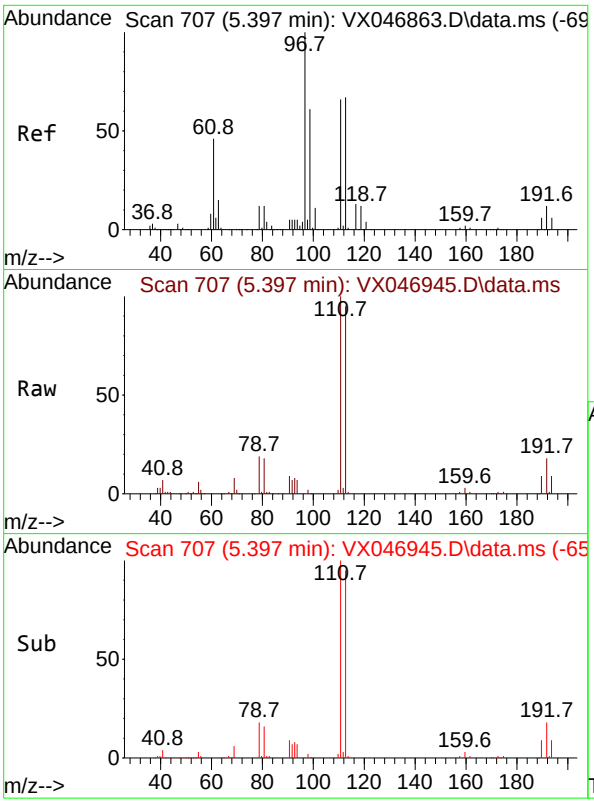



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:114 Resp: 673452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.8 | 0.0 | 40.4 |
| 88 | 17.2 | 0.0 | 31.0 |

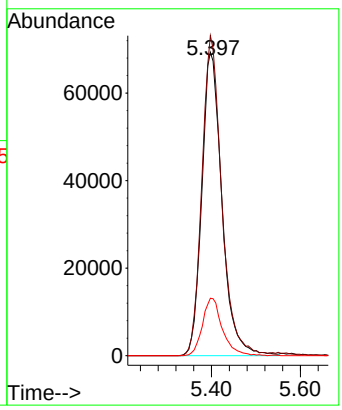





#35
Dibromofluoromethane
Concen: 47.875 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:113 Resp: 21885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 81.2 | 121.8 |
| 192 | 18.7 | 15.3 | 22.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

**Manual Integrations**
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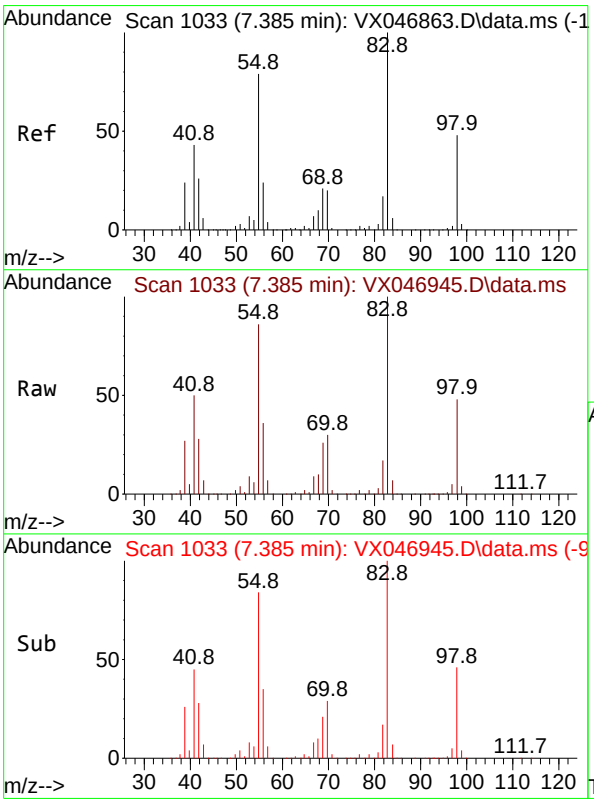
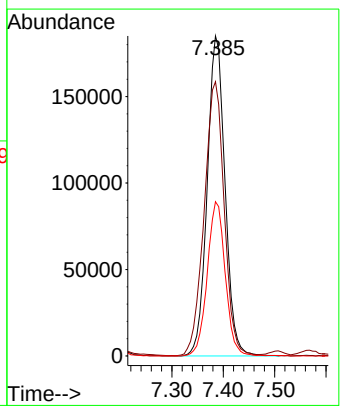
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

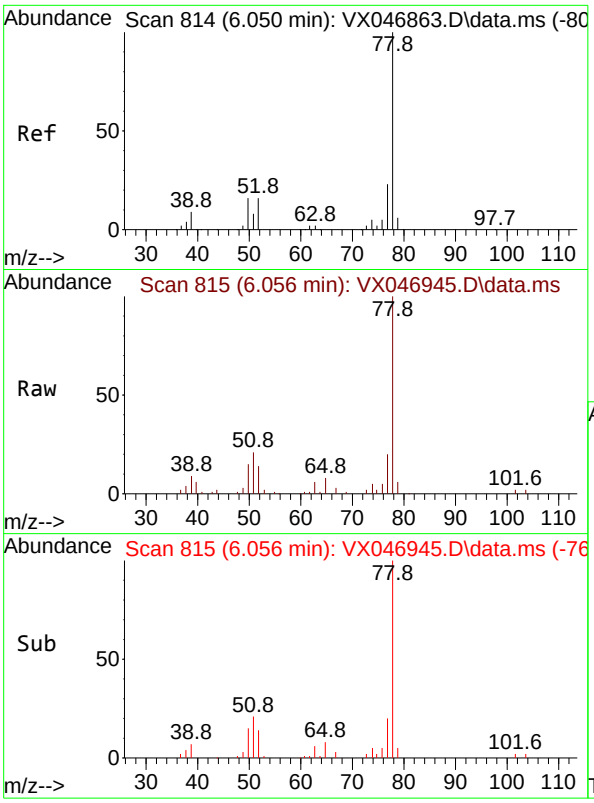



#39
Methylcyclohexane
Concen: 57.774 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 83 Resp: 445744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 85.4 | 63.0 | 94.4 |
| 98 | 48.2 | 38.5 | 57.7 |






#40
Benzene
Concen: 3.340 ug/l
RT: 6.056 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 78 Resp: 6230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 19.0 | 18.7 | 28.1 |

**Instrument :**
MSVOA_X
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AOC-203

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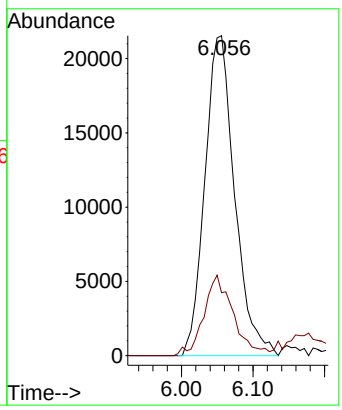
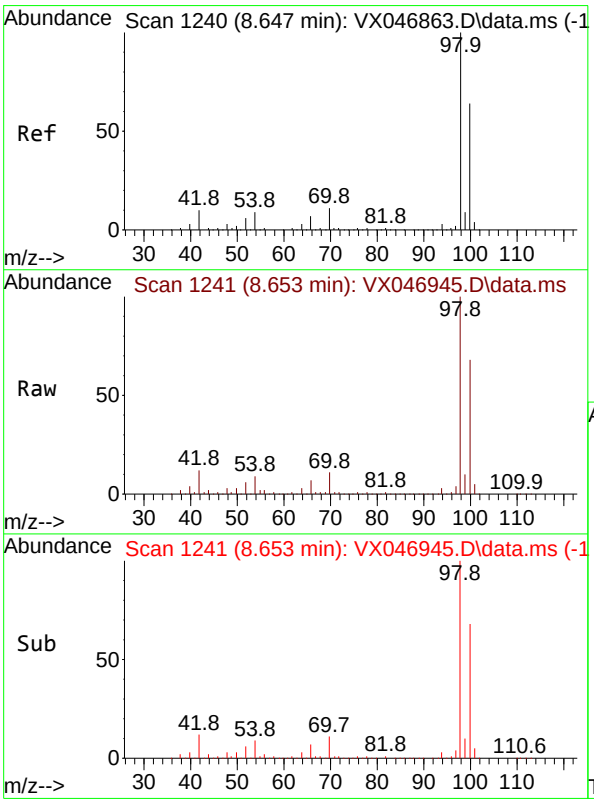
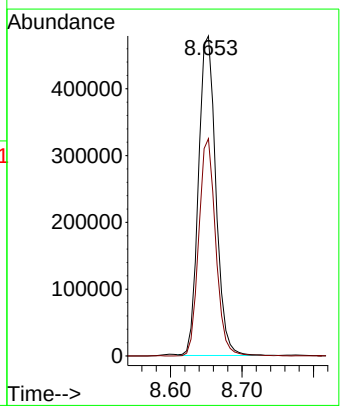


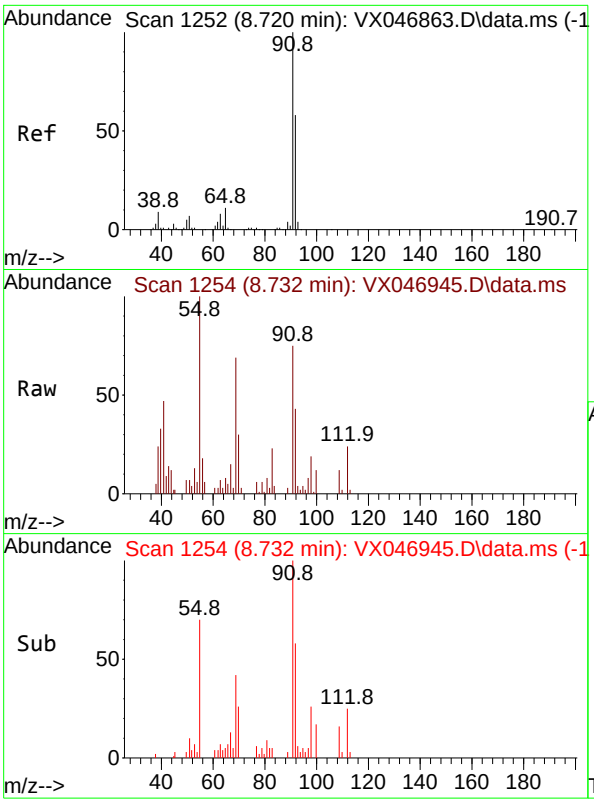




#50
Toluene-d8
Concen: 49.856 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 98 Resp: 804116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.4 | 53.0 | 79.6 |






#52
Toluene
Concen: 0.396 ug/l
RT: 8.732 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 92 Resp: 457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.5 | 137.9 | 206.9 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

**Manual Integrations**
**APPROVED**

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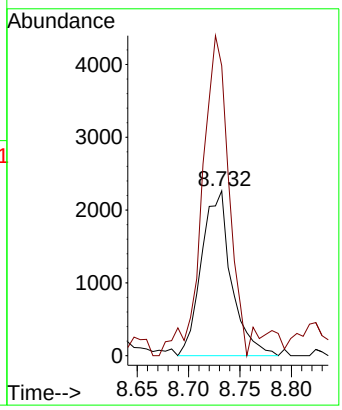
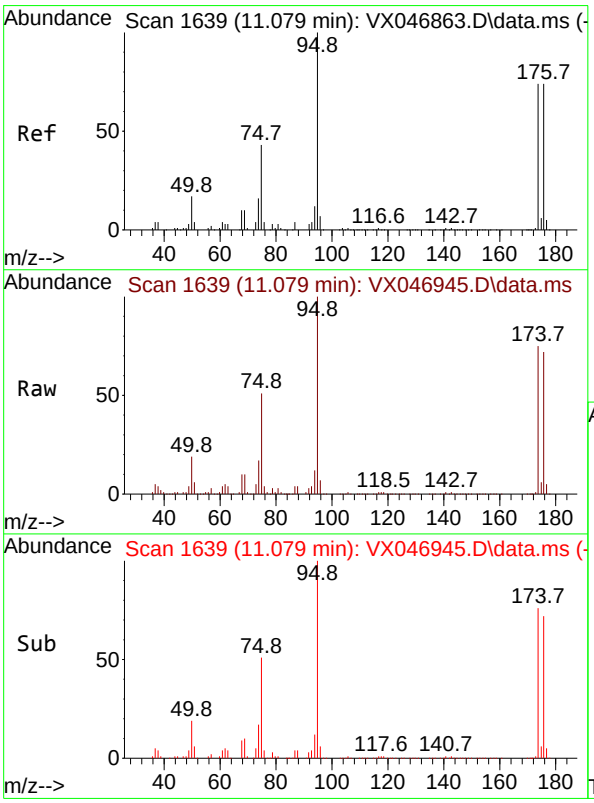
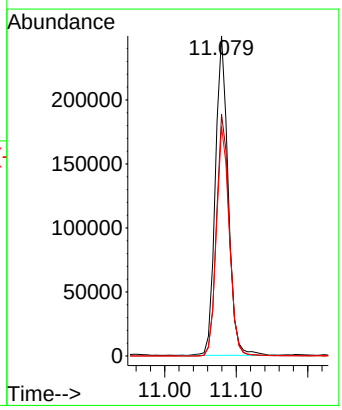


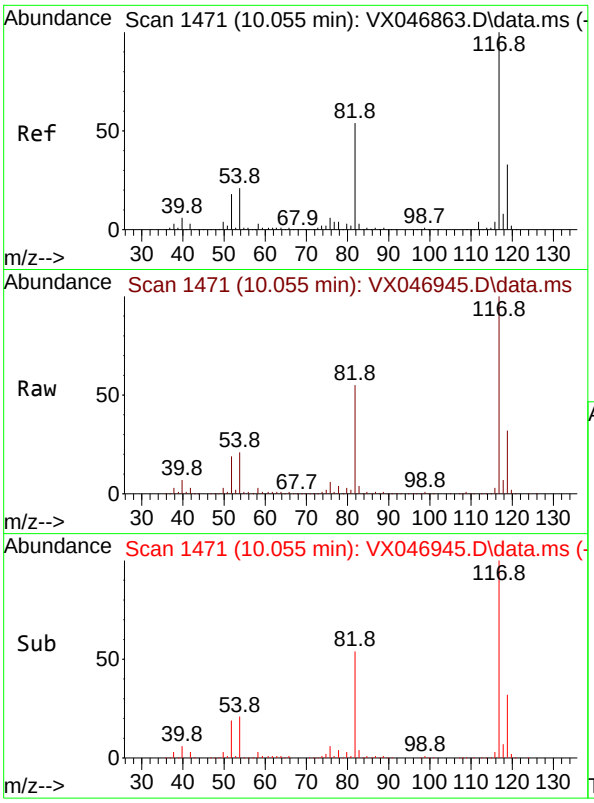




#62
4-Bromofluorobenzene
Concen: 50.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 95 Resp: 310029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.6 | 0.0 | 152.0 |
| 176 | 72.4 | 0.0 | 145.2 |

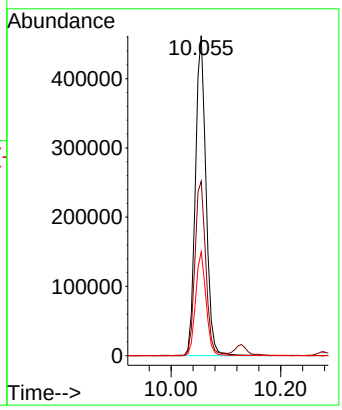





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:117 Resp: 623779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.4 | 43.3 | 64.9 |
| 119 | 32.5 | 26.4 | 39.6 |




**Instrument :**
MSVOA_X
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AOC-203

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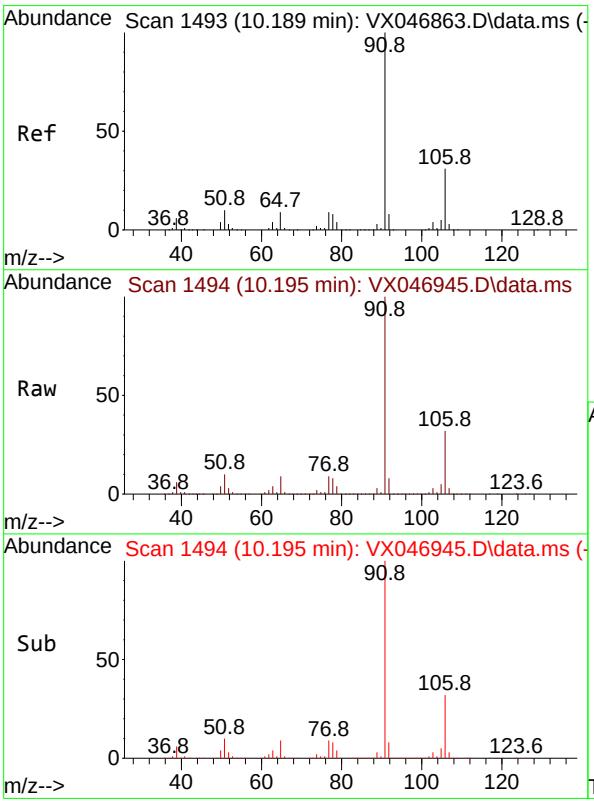
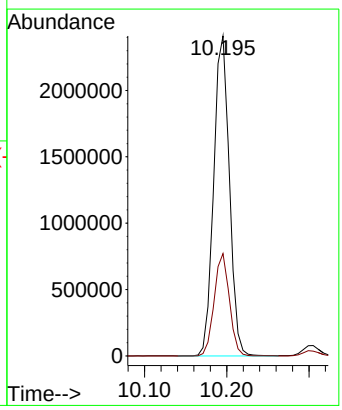
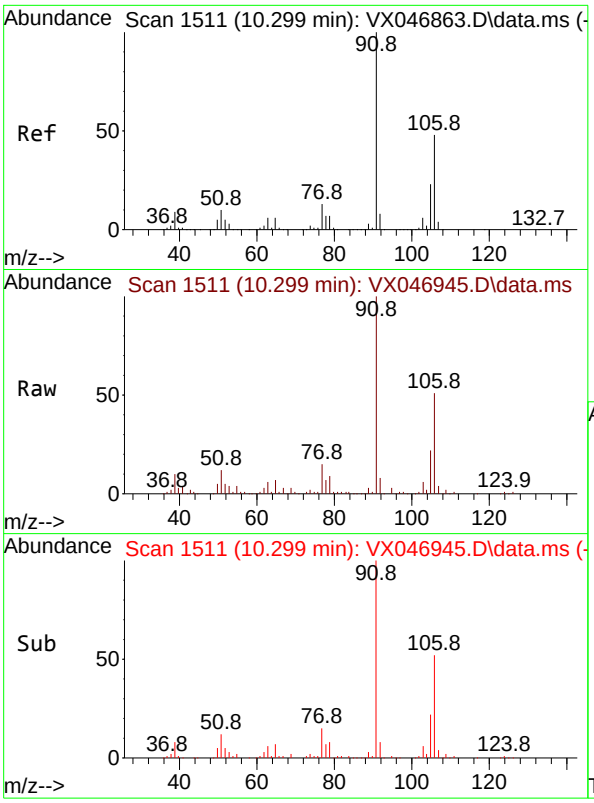



#67
Ethyl Benzene
Concen: 138.347 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 91 Resp: 3195246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.0 | 24.4 | 36.6 |

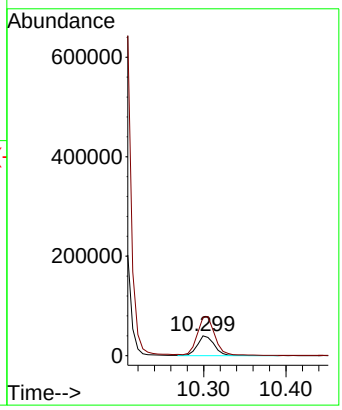





#68
m/p-Xylenes
Concen: 6.526 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:106 Resp: 5679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.2 | 164.6 | 246.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

**Manual Integrations**
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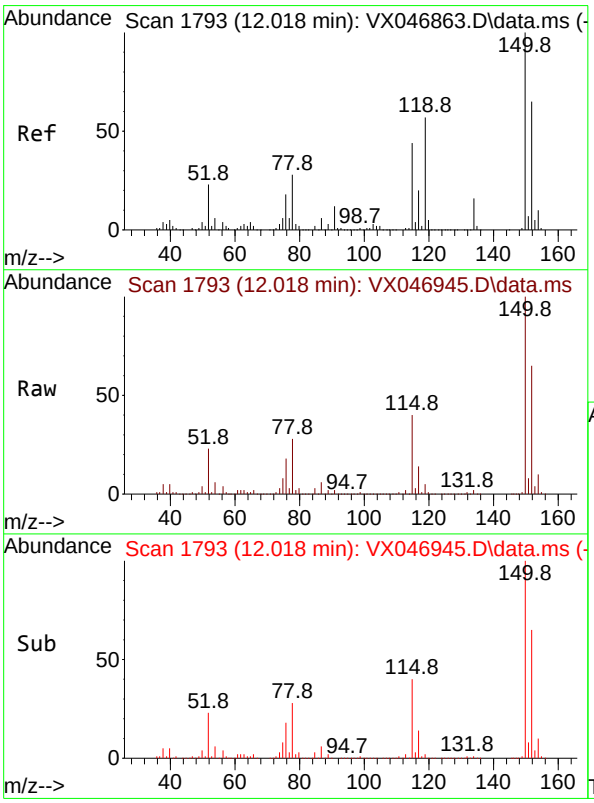
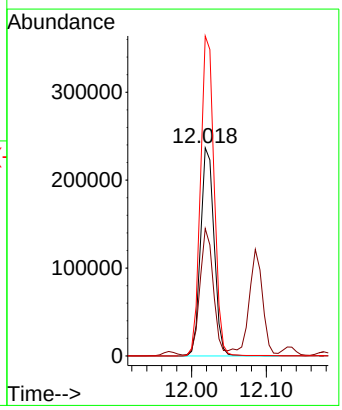
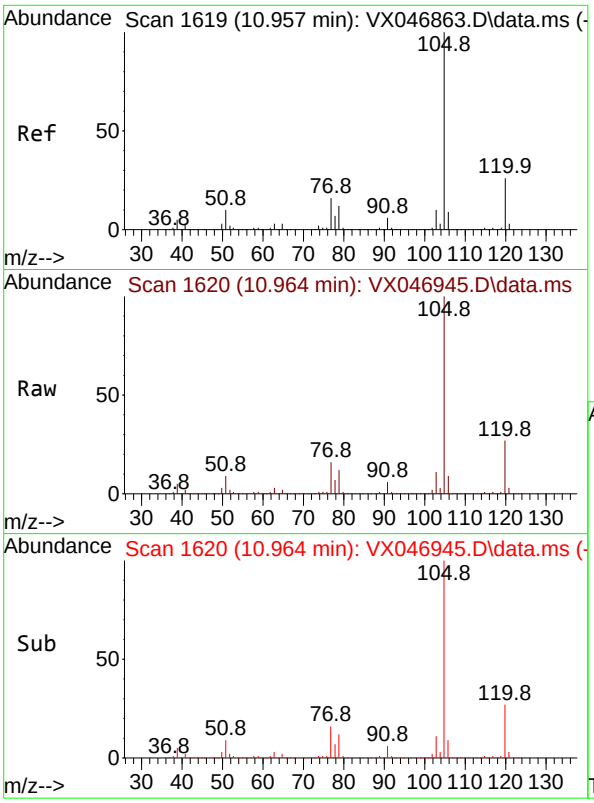



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:152 Resp: 297586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.9 | 42.4 | 127.1 |
| 150 | 154.3 | 0.0 | 349.2 |

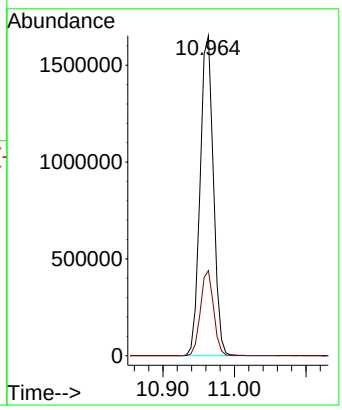





#73
Isopropylbenzene
Concen: 101.825 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:105 Resp: 213012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.3 | 13.2 | 39.5 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

**Manual Integrations**
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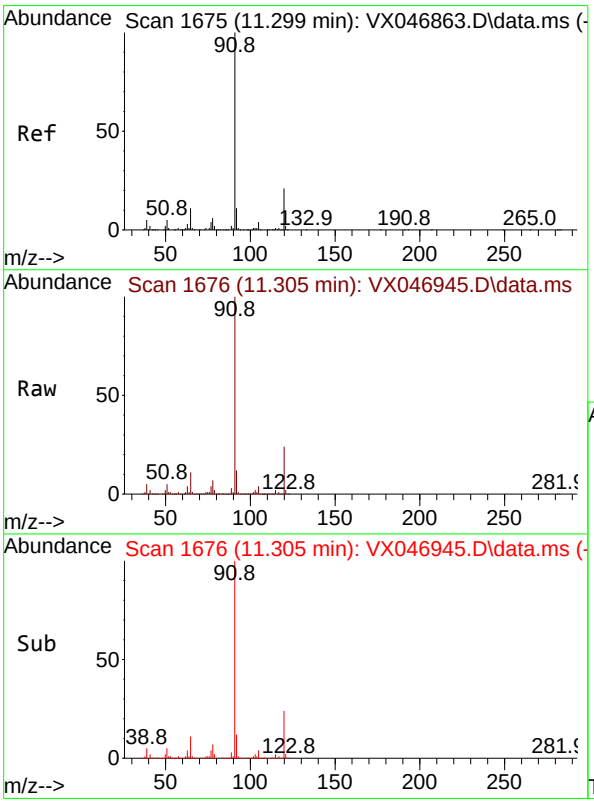
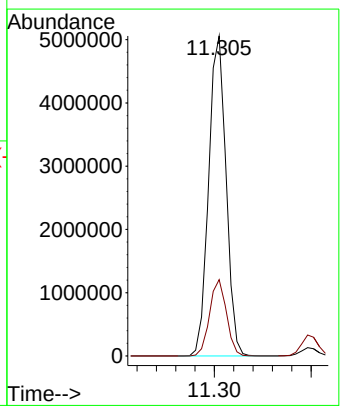
Supervised By :Mahesh Dadoda 07/14/2025

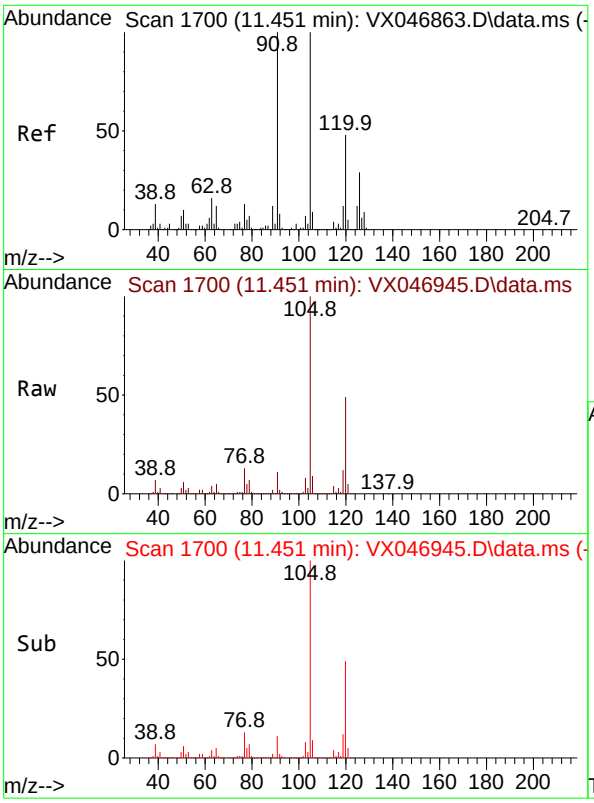



#78
n-propylbenzene
Concen: 250.832 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 91 Resp: 6327167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.1 | 11.2 | 33.5 |

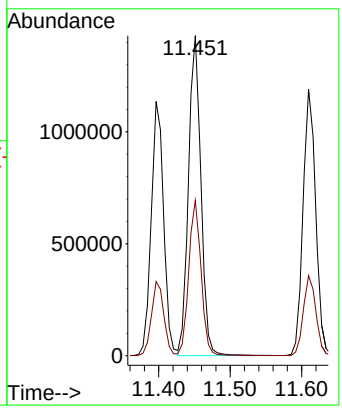





#80
1,3,5-Trimethylbenzene
Concen: 101.599 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:105 Resp: 172698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.2 | 24.1 | 72.4 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

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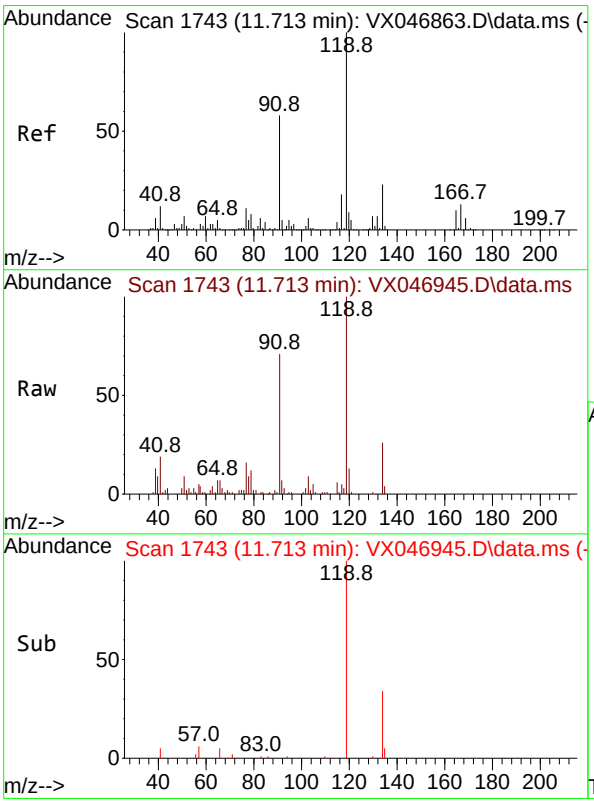
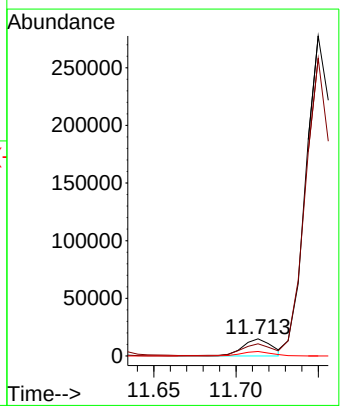
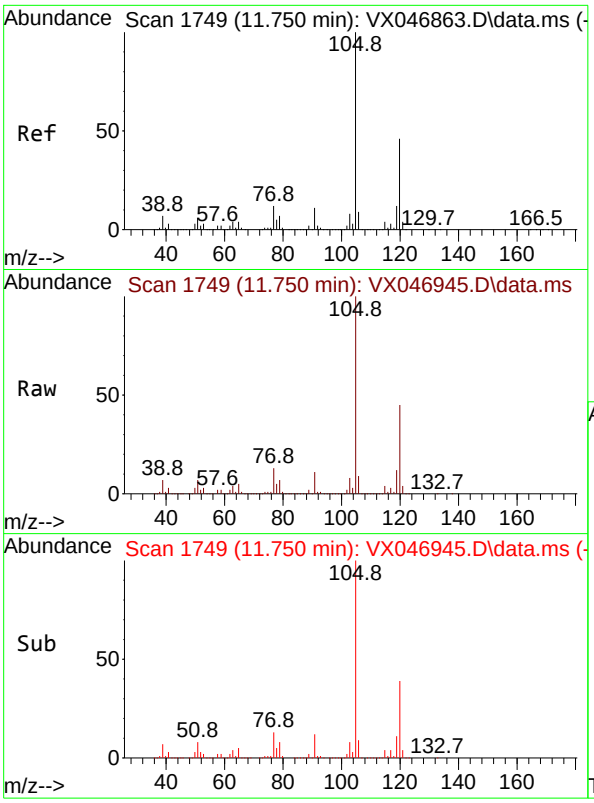



#83
tert-Butylbenzene
Concen: 1.027 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:119 Resp: 18026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 70.5 | 28.7 | 86.3 |
| 134 | 27.1 | 11.4 | 34.2 |






#84
1,2,4-Trimethylbenzene
Concen: 161.364 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:105 Resp: 277238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.1 | 23.3 | 69.8 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

**Manual Integrations**
**APPROVED**

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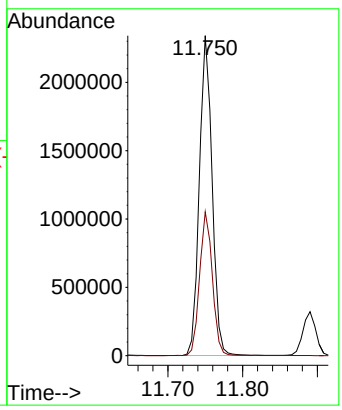
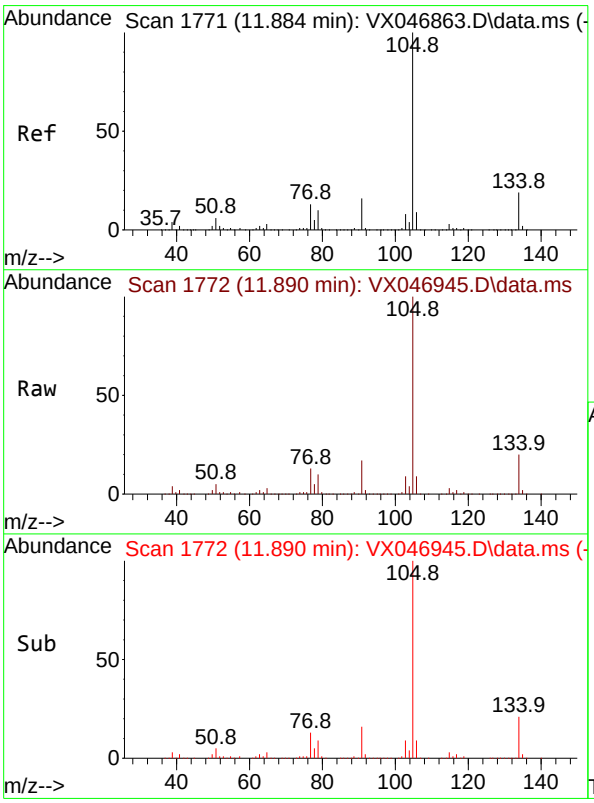
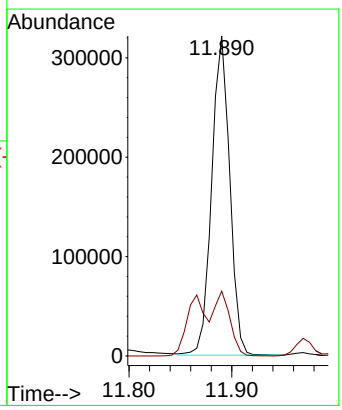


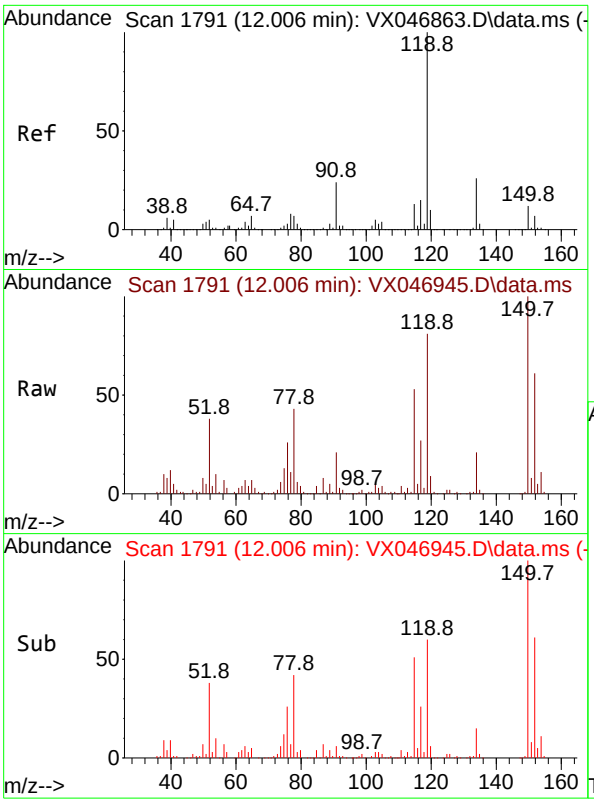




#85
sec-Butylbenzene
Concen: 17.611 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:105 Resp: 389810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 17.4 | 9.9 | 29.7 |

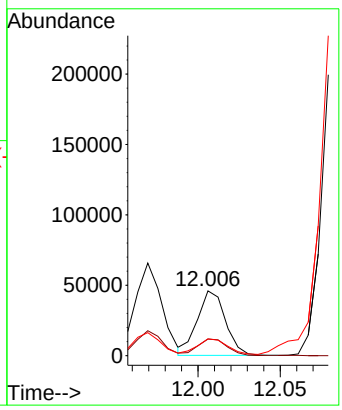





#86
p-Isopropyltoluene
Concen: 2.931 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:119 Resp: 5433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.6 | 13.0 | 39.0 |
| 91 | 0.0 | 12.0 | 36.1# |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

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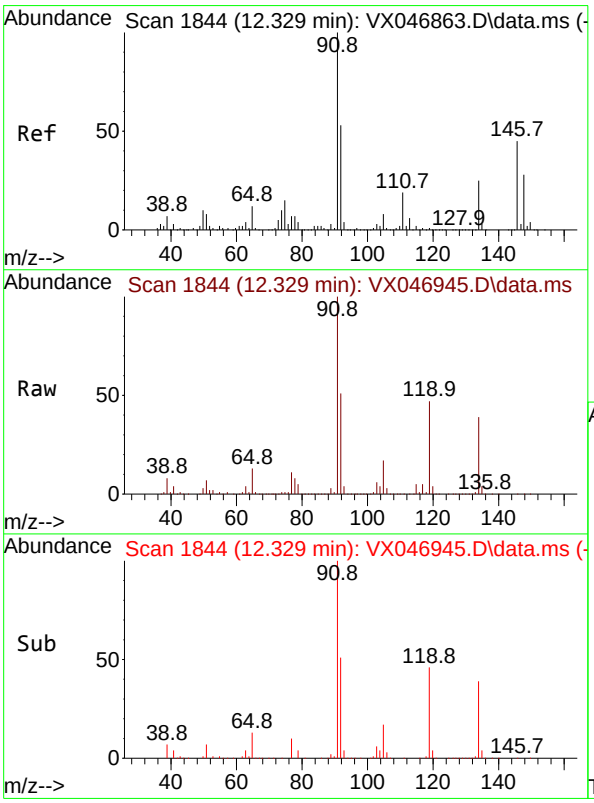
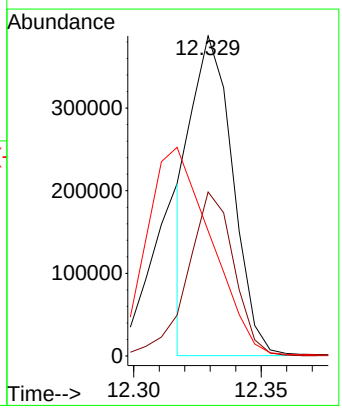



#89
n-Butylbenzene
Concen: 25.402 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 91 Resp: 442426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.9 | 27.0 | 81.0 |
| 134 | 99.2 | 12.8 | 38.4# |



Sample Results: **VX046945.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046945.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.270 | 25 | 30 | 47 | rBV | 573356 | 1480109 | 10.30% | 0.812% |
| 2 | 1.770 | 106 | 112 | 139 | rVB | 794235 | 1313012 | 9.14% | 0.720% |
| 3 | 1.971 | 140 | 145 | 161 | rBV | 402490 | 661599 | 4.60% | 0.363% |
| 4 | 2.361 | 198 | 209 | 230 | rVB | 196167 | 458956 | 3.19% | 0.252% |
| 5 | 2.800 | 272 | 281 | 283 | rBV2 | 559442 | 1146517 | 7.98% | 0.629% |
| 6 | 2.843 | 283 | 288 | 320 | rVB | 1418267 | 3870121 | 26.93% | 2.123% |
| 7 | 3.117 | 322 | 333 | 359 | rBV | 1121393 | 2834846 | 19.72% | 1.555% |
| 8 | 3.465 | 380 | 390 | 406 | rBV | 678720 | 1710807 | 11.90% | 0.938% |
| 9 | 3.745 | 428 | 436 | 446 | rBV | 118014 | 310849 | 2.16% | 0.171% |
| 10 | 3.855 | 446 | 454 | 463 | rVV | 74111 | 193783 | 1.35% | 0.106% |
| 11 | 4.233 | 506 | 516 | 521 | rBV | 174841 | 519096 | 3.61% | 0.285% |
| 12 | 4.324 | 521 | 531 | 545 | rVV | 1323370 | 4155812 | 28.92% | 2.280% |
| 13 | 4.446 | 547 | 551 | 565 | rVB6 | 55268 | 181885 | 1.27% | 0.100% |
| 14 | 5.148 | 650 | 666 | 671 | rBV3 | 86137 | 357437 | 2.49% | 0.196% |
| 15 | 5.397 | 694 | 707 | 714 | rBV3 | 259076 | 825368 | 5.74% | 0.453% |
| 16 | 5.513 | 714 | 726 | 731 | rBV5 | 520711 | 2204310 | 15.34% | 1.209% |
| 17 | 5.635 | 740 | 746 | 768 | rVB3 | 563368 | 1976739 | 13.75% | 1.084% |
| 18 | 5.836 | 768 | 779 | 792 | rBV | 635340 | 2043805 | 14.22% | 1.121% |
| 19 | 5.964 | 792 | 800 | 809 | rBV | 235007 | 602078 | 4.19% | 0.330% |
| 20 | 6.172 | 823 | 834 | 842 | rBV3 | 293895 | 1099544 | 7.65% | 0.603% |
| 21 | 6.263 | 842 | 849 | 859 | rVV3 | 475170 | 1519271 | 10.57% | 0.833% |
| 22 | 6.367 | 859 | 866 | 880 | rVB | 278269 | 838944 | 5.84% | 0.460% |
| 23 | 6.617 | 895 | 907 | 922 | rBV2 | 243500 | 641247 | 4.46% | 0.352% |
| 24 | 6.769 | 922 | 932 | 939 | rBV | 627788 | 1656224 | 11.52% | 0.908% |
| 25 | 6.855 | 940 | 946 | 960 | rVB5 | 282596 | 892458 | 6.21% | 0.490% |
| 26 | 7.068 | 975 | 981 | 991 | rVB | 62749 | 151525 | 1.05% | 0.083% |
| 27 | 7.178 | 991 | 999 | 1007 | rBV | 190727 | 440732 | 3.07% | 0.242% |
| 28 | 7.385 | 1021 | 1033 | 1046 | rBV3 | 999925 | 2739434 | 19.06% | 1.503% |
| 29 | 7.568 | 1057 | 1063 | 1072 | rVV2 | 94987 | 237812 | 1.65% | 0.130% |
| 30 | 7.659 | 1072 | 1078 | 1089 | rVB | 217622 | 458900 | 3.19% | 0.252% |
| 31 | 7.775 | 1090 | 1097 | 1105 | rVB2 | 107161 | 229019 | 1.59% | 0.126% |
| 32 | 7.885 | 1105 | 1115 | 1123 | rBV4 | 88034 | 298619 | 2.08% | 0.164% |
| 33 | 7.988 | 1123 | 1132 | 1144 | rVB | 192034 | 510472 | 3.55% | 0.280% |
| 34 | 8.110 | 1144 | 1152 | 1154 | rBV | 256608 | 484637 | 3.37% | 0.266% |
| 35 | 8.147 | 1154 | 1158 | 1162 | rVV | 356579 | 666755 | 4.64% | 0.366% |
| 36 | 8.190 | 1162 | 1165 | 1175 | rVV3 | 121064 | 272106 | 1.89% | 0.149% |

Sample Results: **VX046945.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.281 | 1175 | 1180 | 1182 | rVV | 92018 | 157389 | 1.10% | 0.086% |
| 38 | 8.318 | 1182 | 1186 | 1192 | rVB4 | 117716 | 218008 | 1.52% | 0.120% |
| 39 | 8.440 | 1201 | 1206 | 1210 | rBV | 154769 | 264246 | 1.84% | 0.145% |
| 40 | 8.507 | 1212 | 1217 | 1227 | rVB2 | 270051 | 531958 | 3.70% | 0.292% |
| 41 | 8.604 | 1227 | 1233 | 1236 | rBV3 | 171104 | 335234 | 2.33% | 0.184% |
| 42 | 8.647 | 1236 | 1240 | 1250 | rVB | 1292547 | 2245592 | 15.62% | 1.232% |
| 43 | 8.775 | 1250 | 1261 | 1265 | rBV3 | 92928 | 206988 | 1.44% | 0.114% |
| 44 | 8.927 | 1279 | 1286 | 1290 | rBV4 | 95188 | 177337 | 1.23% | 0.097% |
| 45 | 8.976 | 1290 | 1294 | 1301 | rVB3 | 92338 | 152407 | 1.06% | 0.084% |
| 46 | 9.104 | 1307 | 1315 | 1320 | rBV | 140134 | 263680 | 1.83% | 0.145% |
| 47 | 9.165 | 1320 | 1325 | 1336 | rVB | 220756 | 399860 | 2.78% | 0.219% |
| 48 | 9.506 | 1376 | 1381 | 1386 | rVB4 | 96153 | 186984 | 1.30% | 0.103% |
| 49 | 10.055 | 1466 | 1471 | 1476 | rBV | 1372527 | 1821695 | 12.67% | 0.999% |
| 50 | 10.195 | 1489 | 1494 | 1502 | rVB | 5484856 | 7214372 | 50.20% | 3.957% |
| 51 | 10.299 | 1503 | 1511 | 1517 | rVB | 241946 | 437820 | 3.05% | 0.240% |
| 52 | 10.964 | 1614 | 1620 | 1628 | rBV | 3990673 | 5200045 | 36.18% | 2.852% |
| 53 | 11.079 | 1634 | 1639 | 1644 | rBV | 1177137 | 1449867 | 10.09% | 0.795% |
| 54 | 11.305 | 1670 | 1676 | 1686 | rVB | 10379786 | 12908916 | 89.82% | 7.081% |
| 55 | 11.396 | 1686 | 1691 | 1696 | rVV | 2776814 | 3335007 | 23.20% | 1.829% |
| 56 | 11.451 | 1696 | 1700 | 1713 | rVB | 4061129 | 4904074 | 34.12% | 2.690% |
| 57 | 11.610 | 1721 | 1726 | 1737 | rVB | 3008049 | 3684598 | 25.64% | 2.021% |
| 58 | 11.750 | 1744 | 1749 | 1756 | rVB | 6598988 | 7688629 | 53.50% | 4.217% |
| 59 | 11.866 | 1763 | 1768 | 1770 | rBV | 625529 | 885356 | 6.16% | 0.486% |
| 60 | 11.890 | 1770 | 1772 | 1779 | rVB | 736417 | 762792 | 5.31% | 0.418% |
| 61 | 11.969 | 1781 | 1785 | 1788 | rBV | 180254 | 212167 | 1.48% | 0.116% |
| 62 | 12.018 | 1788 | 1793 | 1797 | rBV | 1483708 | 1926001 | 13.40% | 1.056% |
| 63 | 12.055 | 1797 | 1799 | 1800 | rVV | 357958 | 338117 | 2.35% | 0.185% |
| 64 | 12.085 | 1800 | 1804 | 1809 | rVB | 8143725 | 9886503 | 68.79% | 5.423% |
| 65 | 12.177 | 1815 | 1819 | 1824 | rVB | 141330 | 173789 | 1.21% | 0.095% |
| 66 | 12.244 | 1824 | 1830 | 1837 | rBV | 11393247 | 14372349 | 100.00% | 7.883% |
| 67 | 12.317 | 1837 | 1842 | 1852 | rVB3 | 2318836 | 4285306 | 29.82% | 2.351% |
| 68 | 12.402 | 1852 | 1856 | 1861 | rVB2 | 635494 | 788663 | 5.49% | 0.433% |
| 69 | 12.463 | 1861 | 1866 | 1872 | rVB | 800909 | 1031226 | 7.18% | 0.566% |
| 70 | 12.530 | 1872 | 1877 | 1880 | rBV | 1066645 | 1417125 | 9.86% | 0.777% |
| 71 | 12.610 | 1885 | 1890 | 1894 | rBV | 5896025 | 7276874 | 50.63% | 3.991% |
| 72 | 12.640 | 1894 | 1895 | 1900 | rVB | 871318 | 829149 | 5.77% | 0.455% |
| 73 | 12.695 | 1900 | 1904 | 1912 | rBV2 | 3469847 | 5009890 | 34.86% | 2.748% |
| 74 | 12.847 | 1924 | 1929 | 1934 | rBV | 1006680 | 1274578 | 8.87% | 0.699% |
| 75 | 12.921 | 1934 | 1941 | 1945 | rBV | 4189592 | 5022457 | 34.95% | 2.755% |
| 76 | 12.963 | 1945 | 1948 | 1954 | rVB | 1475493 | 1766153 | 12.29% | 0.969% |

Sample Results: **VX046945.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.024 | 1954 | 1958 | 1963 | rBV3 | 283224 | 478870 | 3.33% | 0.263% |
| 78 | 13.164 | 1977 | 1981 | 1987 | rVB | 2870768 | 3489589 | 24.28% | 1.914% |
| 79 | 13.256 | 1992 | 1996 | 1997 | rBV | 225472 | 257168 | 1.79% | 0.141% |
| 80 | 13.292 | 1997 | 2002 | 2007 | rVB2 | 6288700 | 8470752 | 58.94% | 4.646% |
| 81 | 13.366 | 2012 | 2014 | 2019 | rVB | 311129 | 368018 | 2.56% | 0.202% |
| 82 | 13.420 | 2019 | 2023 | 2032 | rVB | 658782 | 855636 | 5.95% | 0.469% |
| 83 | 13.506 | 2032 | 2037 | 2039 | rBV2 | 200875 | 279821 | 1.95% | 0.153% |
| 84 | 13.542 | 2039 | 2043 | 2046 | rVV | 449135 | 638985 | 4.45% | 0.350% |
| 85 | 13.579 | 2046 | 2049 | 2056 | rVV2 | 772517 | 1276304 | 8.88% | 0.700% |
| 86 | 13.640 | 2056 | 2059 | 2060 | rVV | 214108 | 266567 | 1.85% | 0.146% |
| 87 | 13.664 | 2060 | 2063 | 2069 | rVB2 | 491532 | 854884 | 5.95% | 0.469% |
| 88 | 13.774 | 2074 | 2081 | 2090 | rVB | 3580399 | 4451123 | 30.97% | 2.441% |
| 89 | 13.926 | 2099 | 2106 | 2110 | rBV2 | 268972 | 417833 | 2.91% | 0.229% |
| 90 | 13.969 | 2110 | 2113 | 2117 | rVB | 191913 | 228597 | 1.59% | 0.125% |
| 91 | 14.073 | 2125 | 2130 | 2137 | rBV | 399518 | 508398 | 3.54% | 0.279% |
| 92 | 14.213 | 2148 | 2153 | 2163 | rBV | 352276 | 633780 | 4.41% | 0.348% |
| 93 | 14.317 | 2166 | 2170 | 2175 | rVV | 401937 | 528807 | 3.68% | 0.290% |
| 94 | 14.371 | 2175 | 2179 | 2184 | rVB | 245605 | 317449 | 2.21% | 0.174% |
| 95 | 14.634 | 2218 | 2222 | 2233 | rVB | 3398586 | 3999168 | 27.83% | 2.194% |
| 96 | 14.774 | 2240 | 2245 | 2255 | rVB | 2002284 | 2633782 | 18.33% | 1.445% |
| 97 | 15.475 | 2354 | 2360 | 2373 | rVB2 | 88912 | 154694 | 1.08% | 0.085% |
| 98 | 15.609 | 2375 | 2382 | 2386 | rBV | 105500 | 172817 | 1.20% | 0.095% |

Sum of corrected areas: 182311071

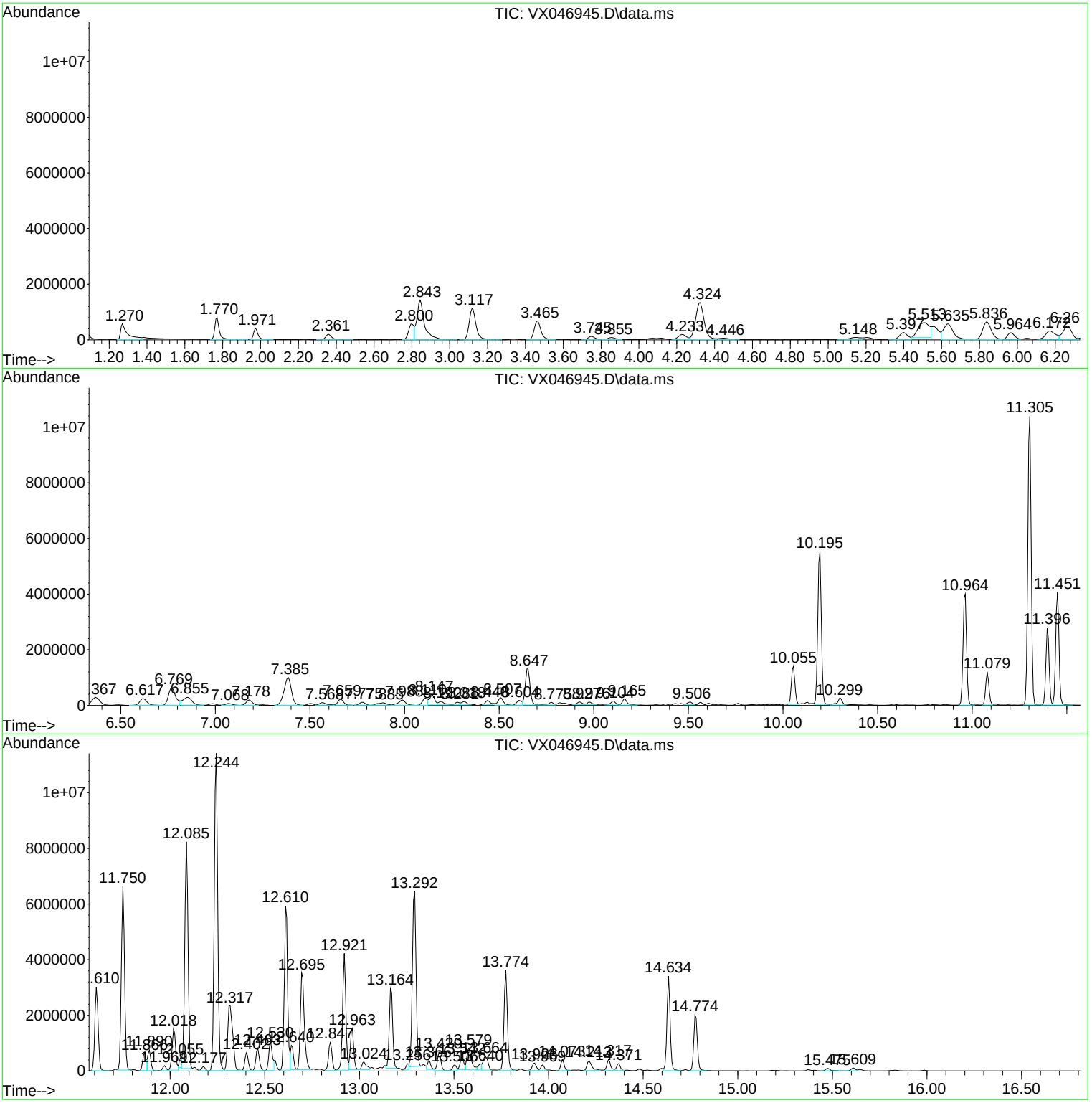
Sample Results: **VX046945.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

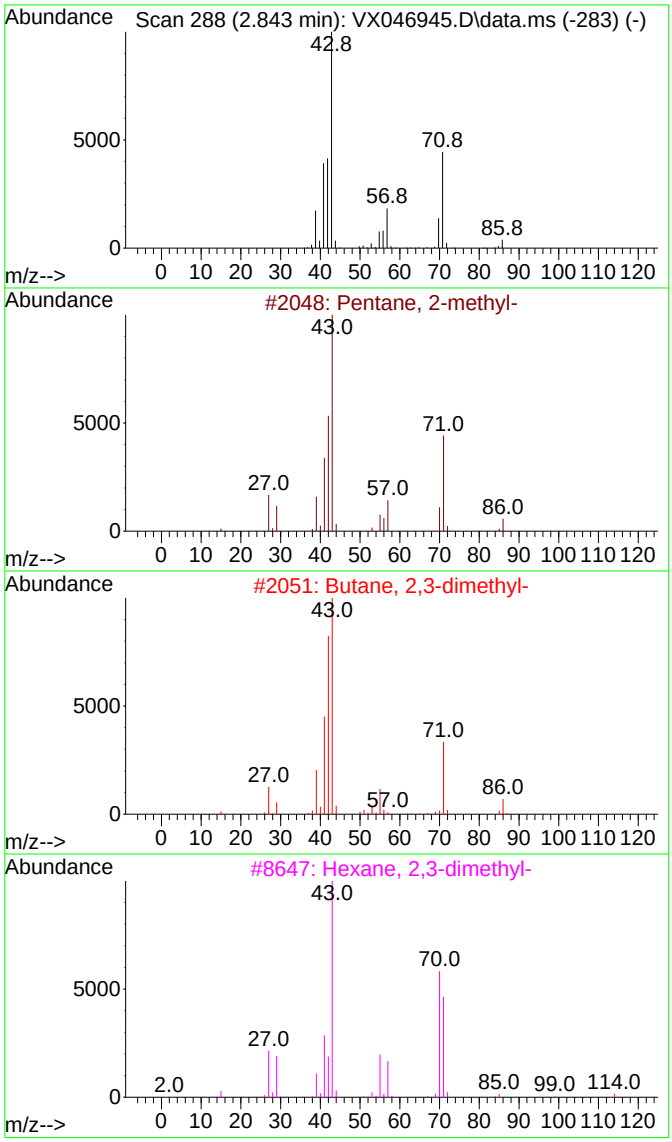
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

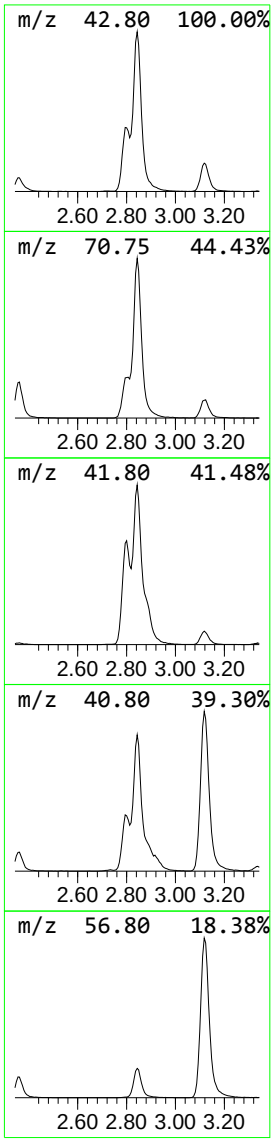
**********

Peak Number 1 Pentane, 2-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.843 | 87.79 ug/l | 3870120 | Pentafluorobenzene | 5.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 91 |
| 2 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 47 |
| 3 | Hexane, 2,3-dimethyl- | 114 | C8H18 | 000584-94-1 | 38 |
| 4 | 1-Butanol, 2,3-dimethyl- | 102 | C6H14O | 019550-30-2 | 36 |
| 5 | Pentane, 3,3-dimethyl- | 100 | C7H16 | 000562-49-2 | 23 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

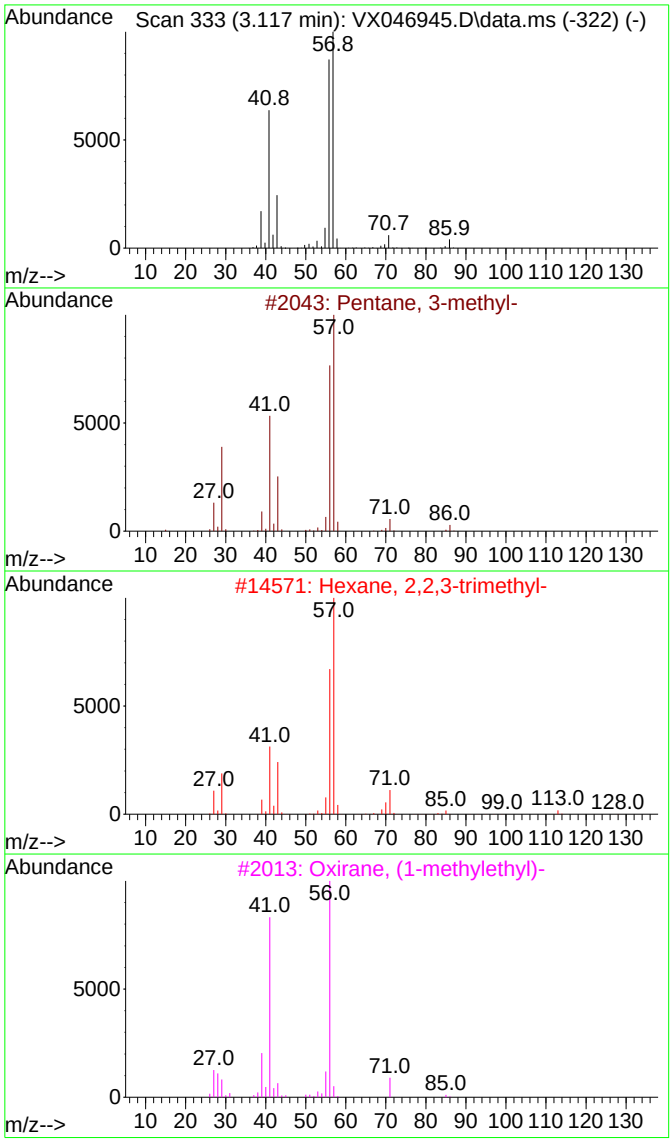
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

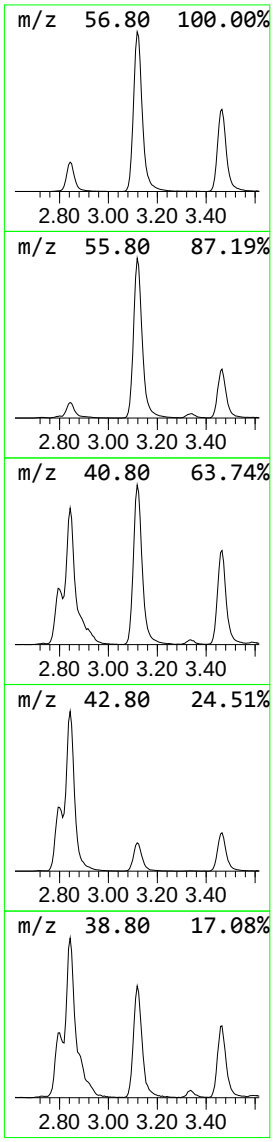
**********

Peak Number 2 Pentane, 3-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.117 | 64.30 ug/l | 2834850 | Pentafluorobenzene | 5.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-methyl- | 86 | C6H14 | 000096-14-0 | 91 |
| 2 | Hexane, 2,2,3-trimethyl- | 128 | C9H20 | 016747-25-4 | 64 |
| 3 | Oxirane, (1-methylethyl)- | 86 | C5H10O | 001438-14-8 | 45 |
| 4 | Butyl isocyanatoacetate | 157 | C7H11NO3 | 017046-22-9 | 40 |
| 5 | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20 | 016747-32-3 | 39 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

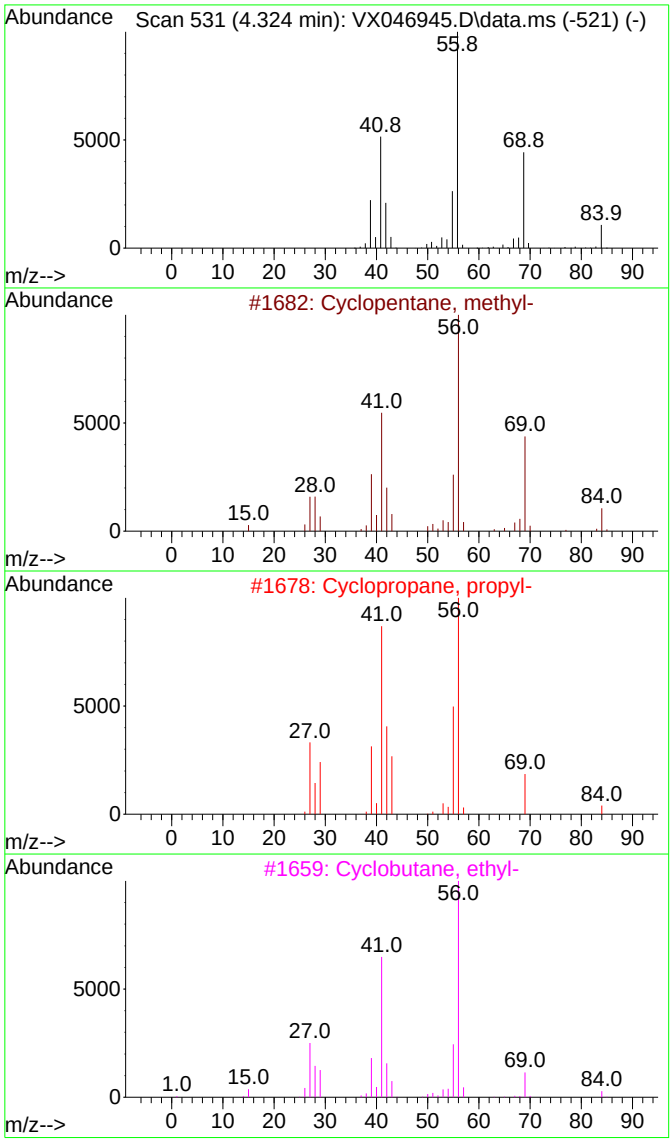
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

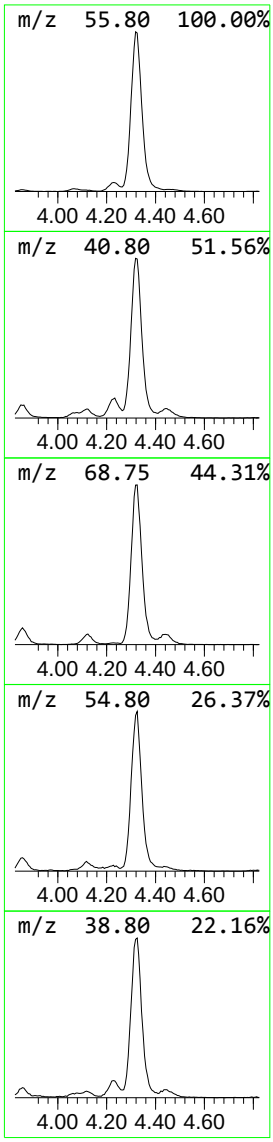
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Cyclopentane, methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.324 | 94.27 ug/l | 4155810 | Pentafluorobenzene | 5.562 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 91 |
| 2 | Cyclopropane, propyl- | 84 | C6H12 | 002415-72-7 | 78 |
| 3 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 72 |
| 4 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 64 |
| 5 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

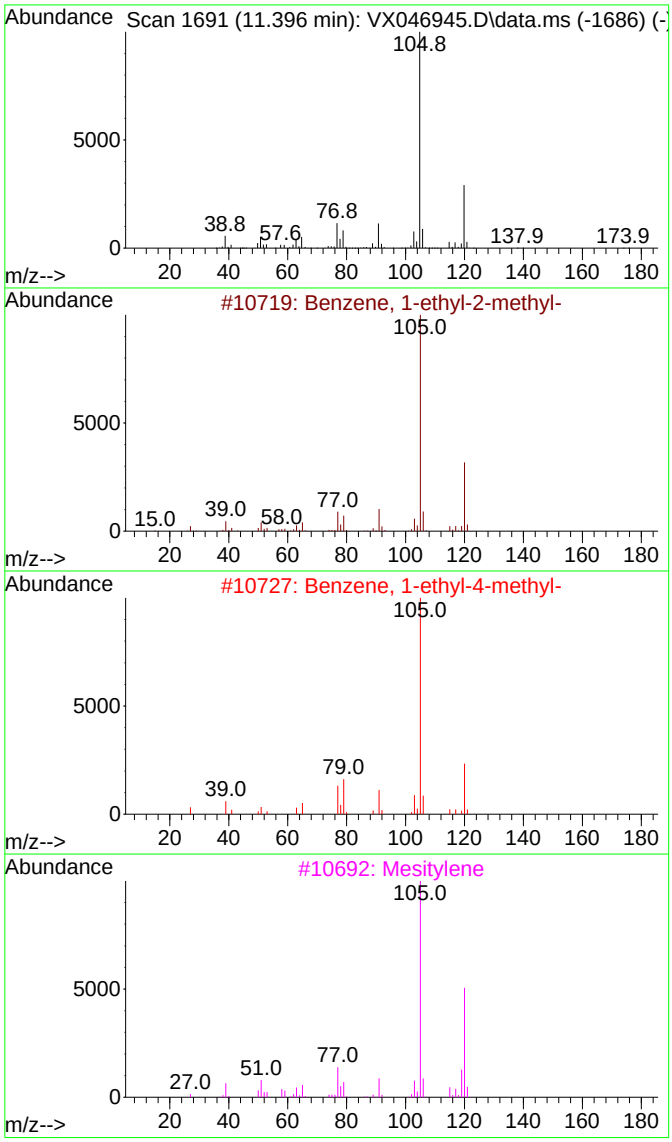
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

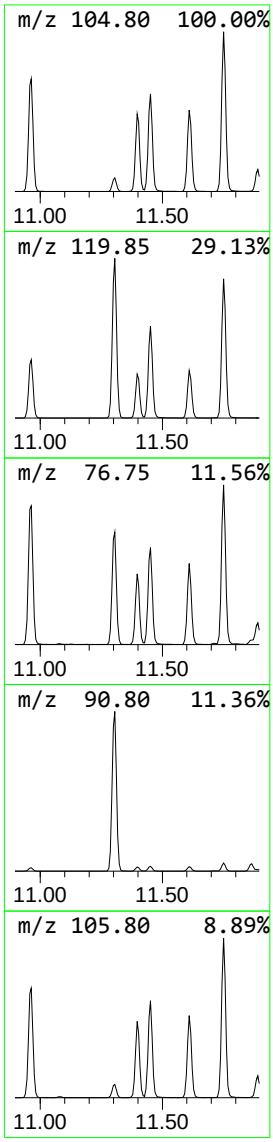
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.396 | 86.58 ug/l | 3335010 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

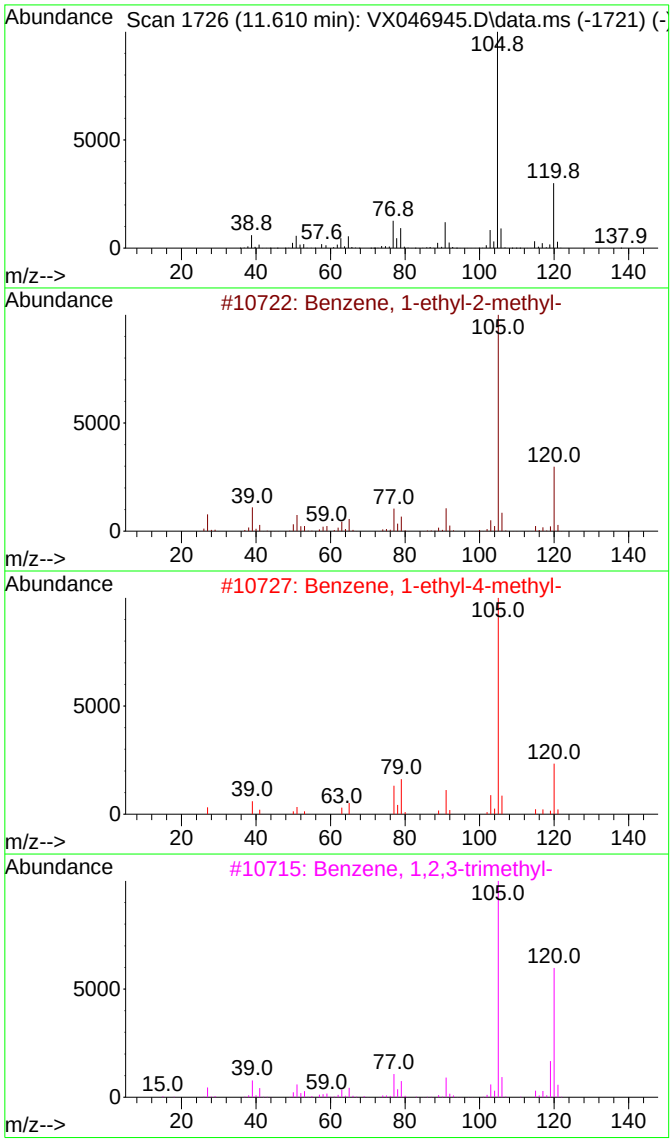
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

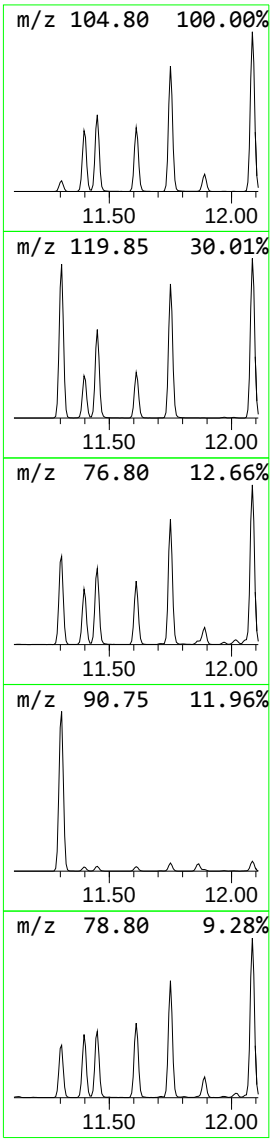
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.610 | 95.65 ug/l | 3684600 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

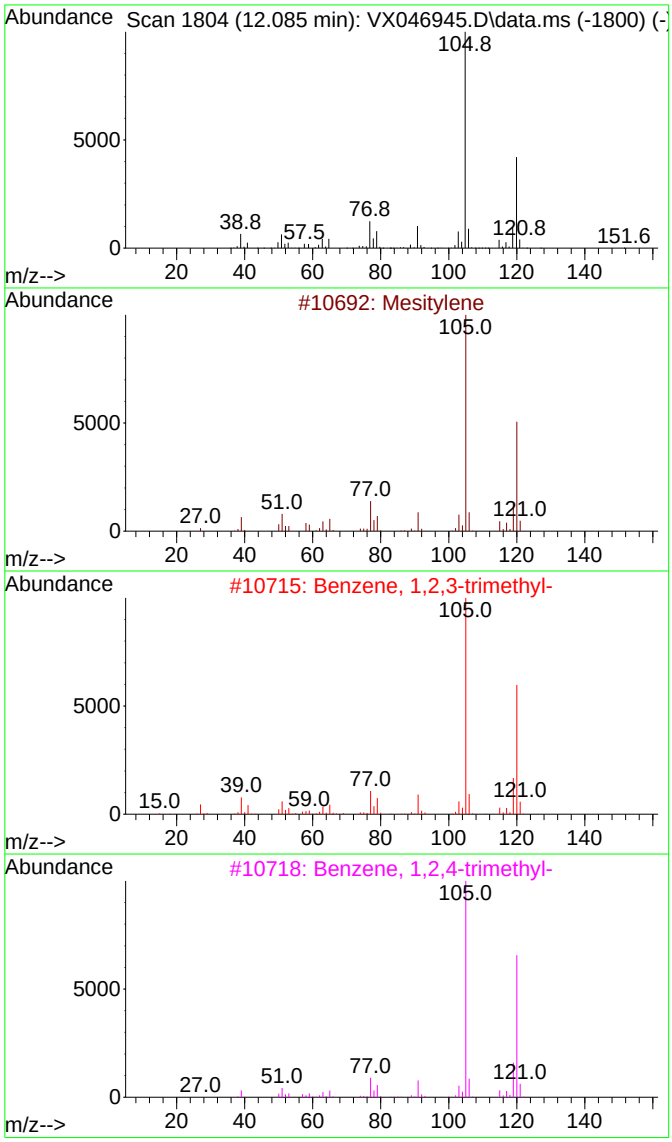
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

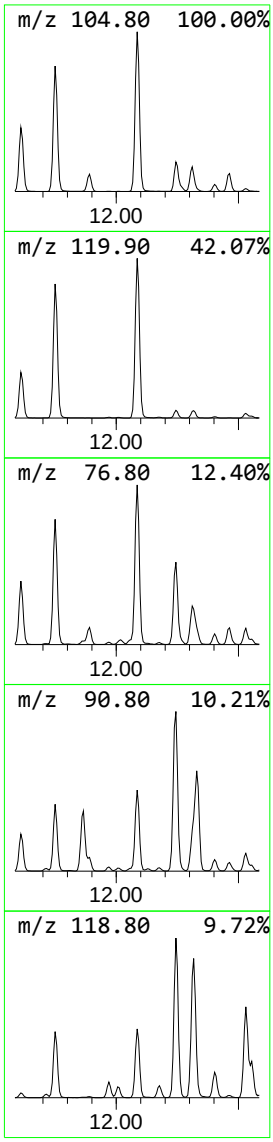
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.085 | 256.66 ug/l | 9886500 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

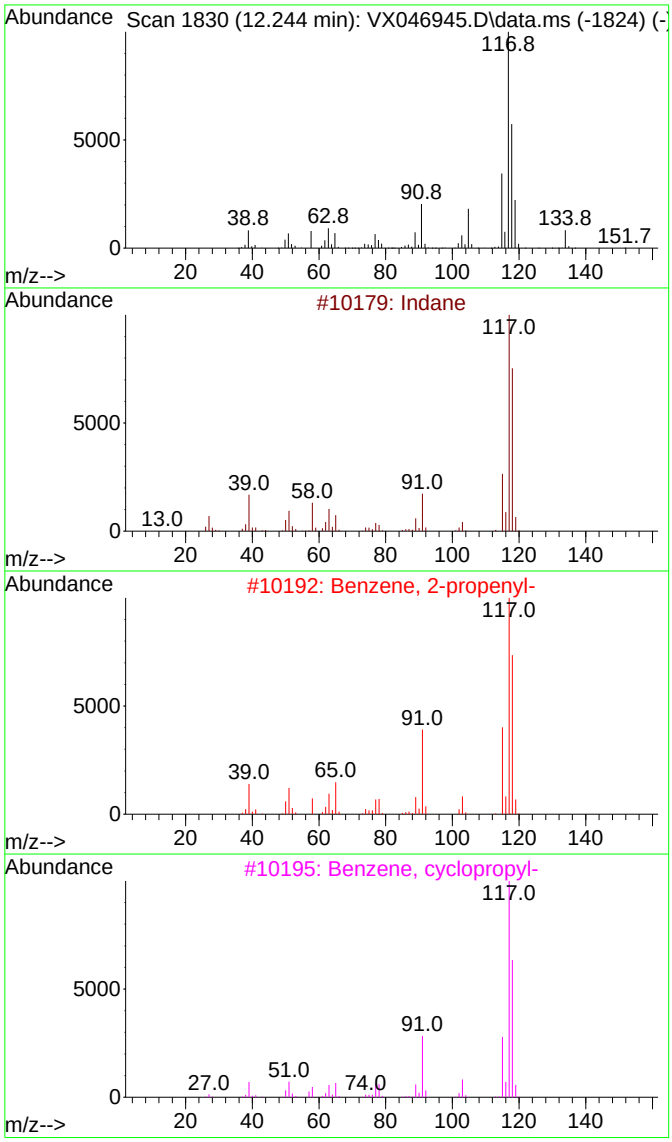
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

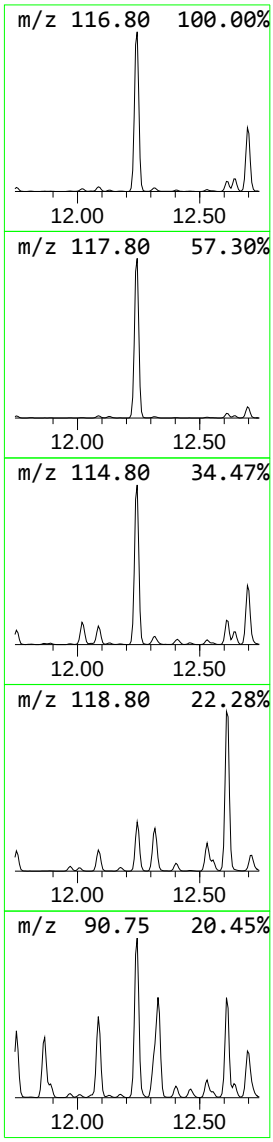
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 373.11 ug/l | 14372300 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 2 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 76 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 70 |
| 4 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 62 |
| 5 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

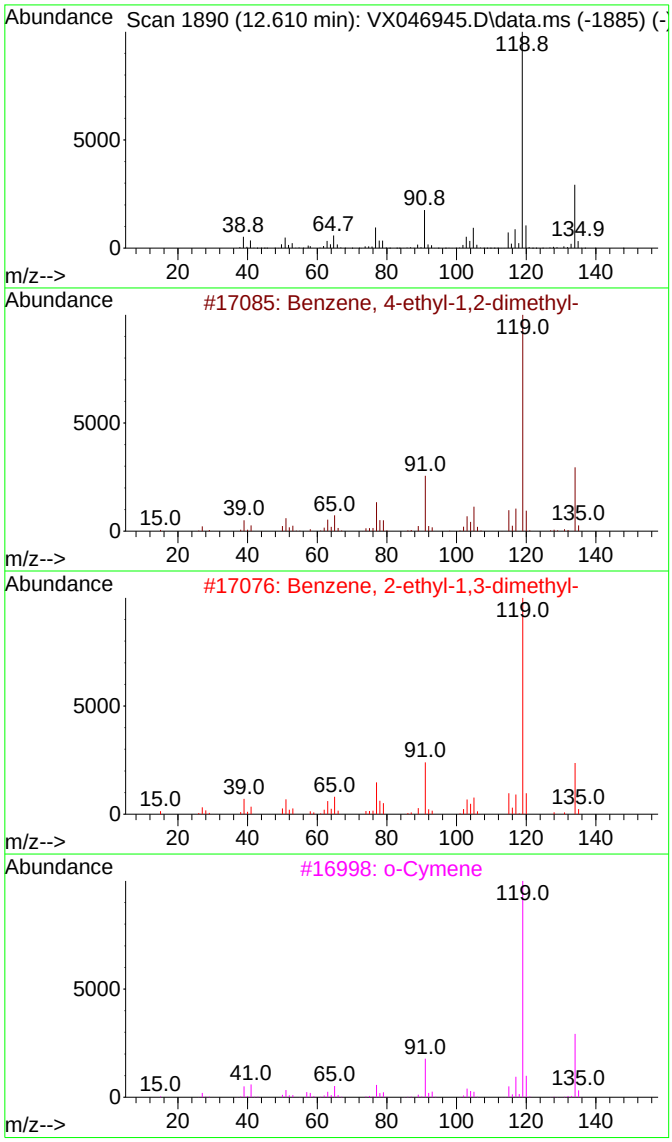
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

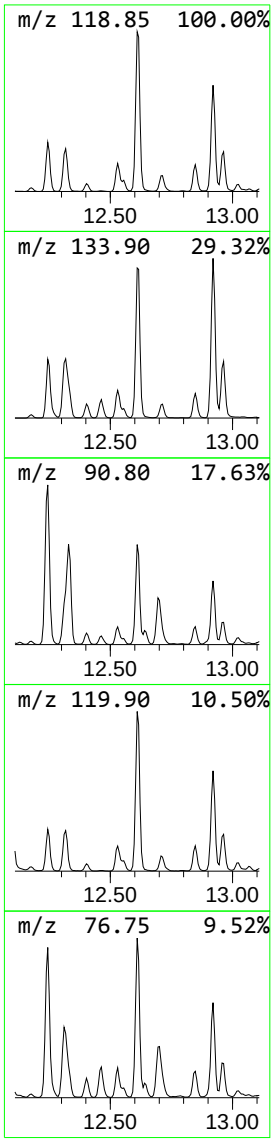
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.610 | 188.91 ug/l | 7276870 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

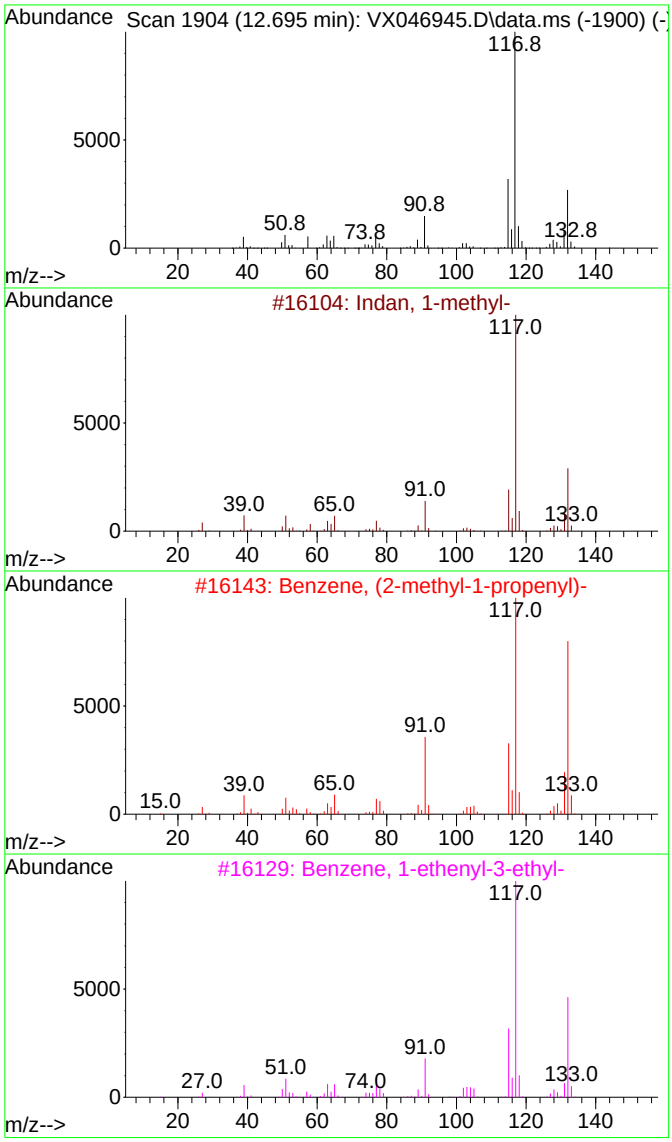
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

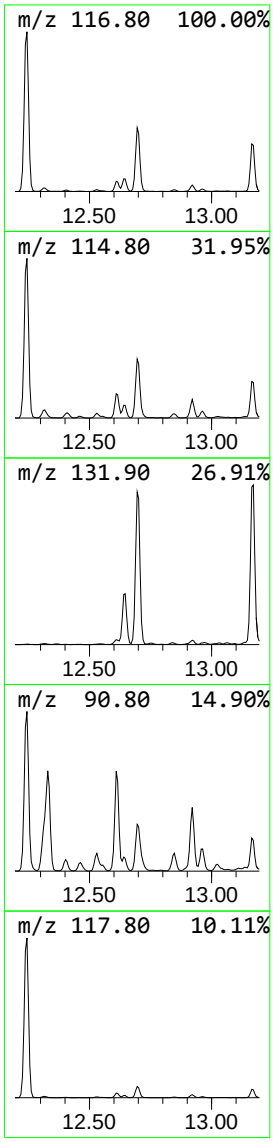
**********

Peak Number 9 Indan, 1-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.695 | 130.06 ug/l | 5009890 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 90 |
| 3 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 90 |
| 4 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 87 |
| 5 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

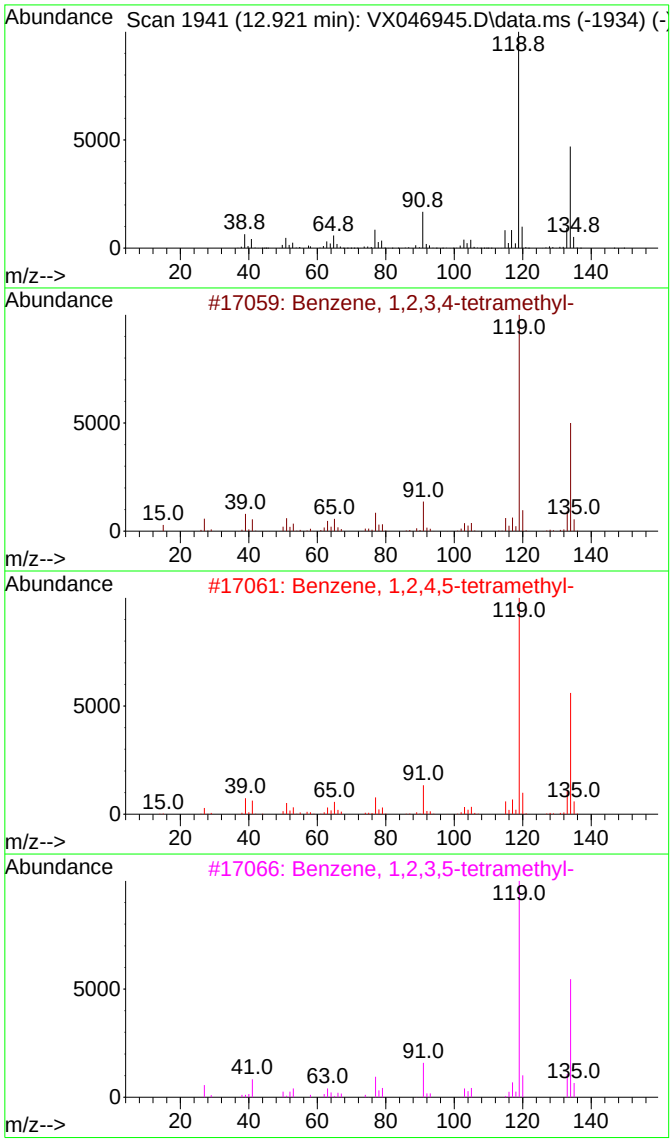
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

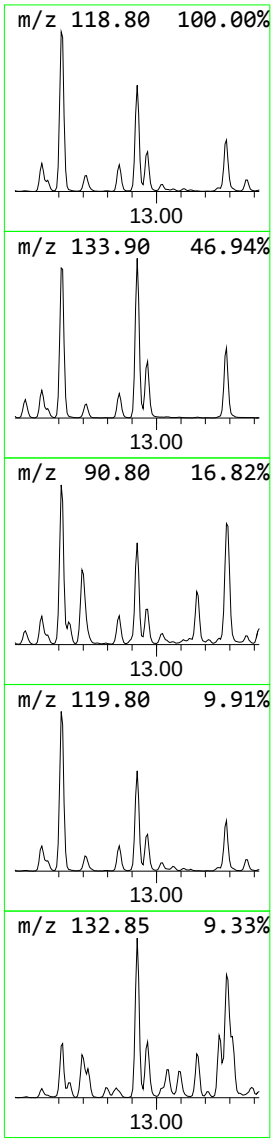
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.921 | 130.39 ug/l | 5022460 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

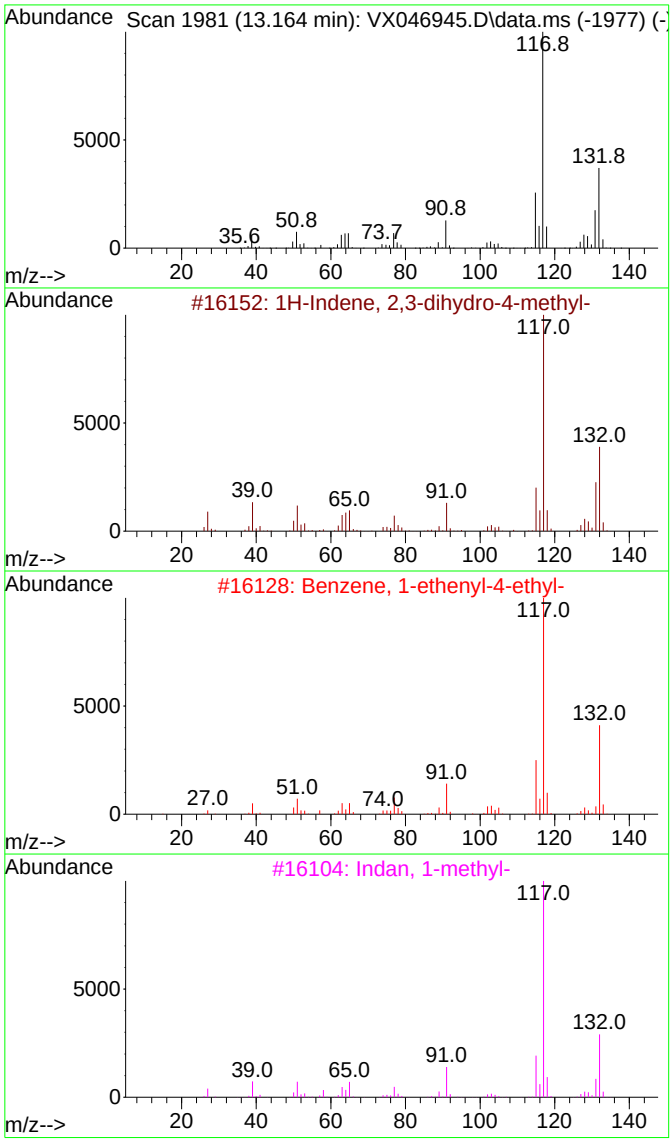
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

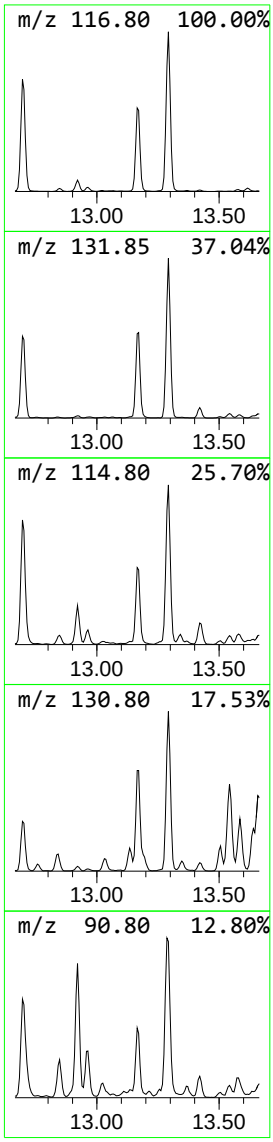
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.164 | 90.59 ug/l | 3489590 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 95 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 91 |
| 5 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

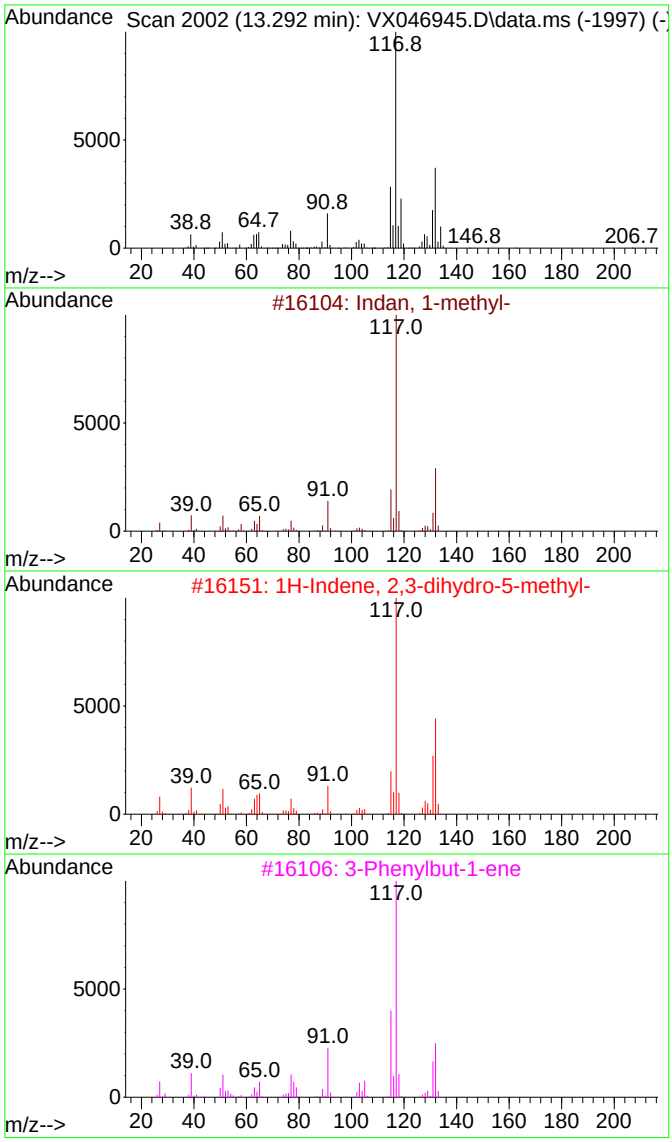
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

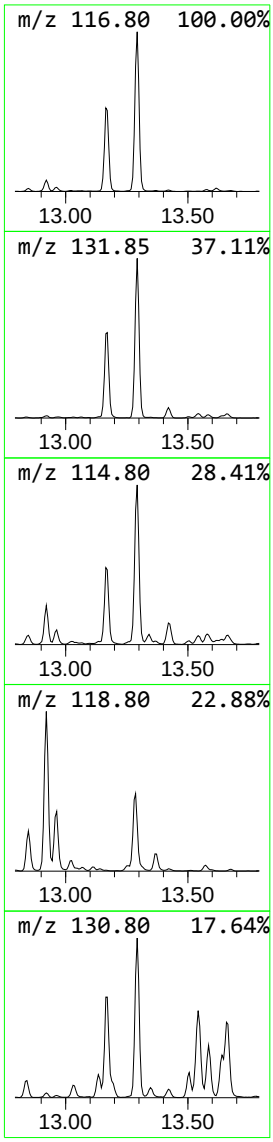
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 219.91 ug/l | 8470750 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 87 |
| 3 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 81 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 81 |
| 5 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 76 |



Sample Results: **VX046945.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046945.D
Acq On : 10 Jul 2025 15:26
Operator : JC/MD
Sample : Q2553-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-203

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Pentane, 2-methyl- | 2.843 | 87.8 | ug/l | 3870120 | 1 | 5.562 | 2204310 | 50.0 |
| Pentane, 3-methyl- | 3.117 | 64.3 | ug/l | 2834850 | 1 | 5.562 | 2204310 | 50.0 |
| Cyclopentane, m... | 4.324 | 94.3 | ug/l | 4155810 | 1 | 5.562 | 2204310 | 50.0 |
| Benzene, 1-ethy... | 11.396 | 86.6 | ug/l | 3335010 | 4 | 12.018 | 1926000 | 50.0 |
| Benzene, 1-ethy... | 11.610 | 95.7 | ug/l | 3684600 | 4 | 12.018 | 1926000 | 50.0 |
| Benzene, 1,2,3-... | 12.085 | 256.7 | ug/l | 9886500 | 4 | 12.018 | 1926000 | 50.0 |
| Indane | 12.244 | 373.1 | ug/l | 14372300 | 4 | 12.018 | 1926000 | 50.0 |
| Benzene, 4-ethy... | 12.610 | 188.9 | ug/l | 7276870 | 4 | 12.018 | 1926000 | 50.0 |
| Indan, 1-methyl- | 12.695 | 130.1 | ug/l | 5009890 | 4 | 12.018 | 1926000 | 50.0 |
| Benzene, 1,2,3,... | 12.921 | 130.4 | ug/l | 5022460 | 4 | 12.018 | 1926000 | 50.0 |
| 1H-Indene, 2,3-... | 13.164 | 90.6 | ug/l | 3489590 | 4 | 12.018 | 1926000 | 50.0 |
| 1H-Indene, 2,3-... | 13.292 | 219.9 | ug/l | 8470750 | 4 | 12.018 | 1926000 | 50.0 |

Raw Data: **VX046946.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-205 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-04 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046946.D | 1 | 07/10/25 15:47 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 74-87-3 | Chloromethane | 5.00 | U | 0.32 | 5.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 5.00 | U | 0.26 | 5.00 | ug/L |
| 74-83-9 | Bromomethane | 5.00 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 5.00 | U | 0.47 | 5.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 5.00 | U | 0.33 | 5.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 5.00 | U | 0.25 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 67-64-1 | Acetone | 25.0 | U | 1.50 | 25.0 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.44 | J | 0.21 | 5.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-20-9 | Methyl Acetate | 5.00 | U | 0.27 | 5.00 | ug/L |
| 75-09-2 | Methylene Chloride | 5.00 | U | 0.28 | 5.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 5.00 | U | 0.23 | 5.00 | ug/L |
| 110-82-7 | Cyclohexane | 5.00 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 25.0 | U | 0.98 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 5.00 | U | 0.25 | 5.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 74-97-5 | Bromochloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 5.00 | U | 0.25 | 5.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 5.00 | U | 0.16 | 5.00 | ug/L |
| 71-43-2 | Benzene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 5.00 | U | 0.090 | 5.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 25.0 | U | 0.68 | 25.0 | ug/L |
| 108-88-3 | Toluene | 5.00 | U | 0.14 | 5.00 | ug/L |

Raw Data: **VX046946.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-205 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-04 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046946.D | 1 | 07/10/25 15:47 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 5.00 | U | 0.17 | 5.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 5.00 | U | 0.21 | 5.00 | ug/L |
| 591-78-6 | 2-Hexanone | 25.0 | U | 0.89 | 25.0 | ug/L |
| 124-48-1 | Dibromochloromethane | 5.00 | U | 0.18 | 5.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 5.00 | U | 0.15 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 5.00 | U | 0.13 | 5.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 10.0 | U | 0.24 | 10.0 | ug/L |
| 95-47-6 | o-Xylene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-42-5 | Styrene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 75-25-2 | Bromoform | 5.00 | U | 0.19 | 5.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.00 | U | 0.26 | 5.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 5.00 | U | 0.53 | 5.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.3 | | 70 (74) - 130 (125) | 101% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 46.5 | | 70 (75) - 130 (124) | 93% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 49.8 | | 70 (86) - 130 (113) | 100% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 51.9 | | 70 (77) - 130 (121) | 104% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 431000 | 5.562 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 761000 | 6.769 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 704000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 362000 | 12.018 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |

Raw Data: **VX046946.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | AOC-205 | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-04 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046946.D | 1 | 07/10/25 15:47 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 103-65-1 | n-propylbenzene | 0.58 | J | | 11.3 | ug/L |
| 104-51-8 | n-Butylbenzene | 0.24 | J | | 12.3 | ug/L |

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 11 01:32:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 431287 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 760941 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 704204 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 362481 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 286627 | 50.306 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 100.620% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 240111 | 46.486 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 92.980% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 907701 | 49.807 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.620% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 359174 | 51.857 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 103.720% | | | |
| Target Compounds | | | | | | Qvalue |
| 17) Carbon Disulfide | 2.526 | 76 | 5367 | 0.438 | ug/l # | 91 |
| 78) n-propylbenzene | 11.305 | 91 | 17718 | 0.577 | ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.756 | 105 | 9092 | 0.434 | ug/l | 98 |
| 89) n-Butylbenzene | 12.335 | 91 | 5028m | 0.237 | ug/l | |

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

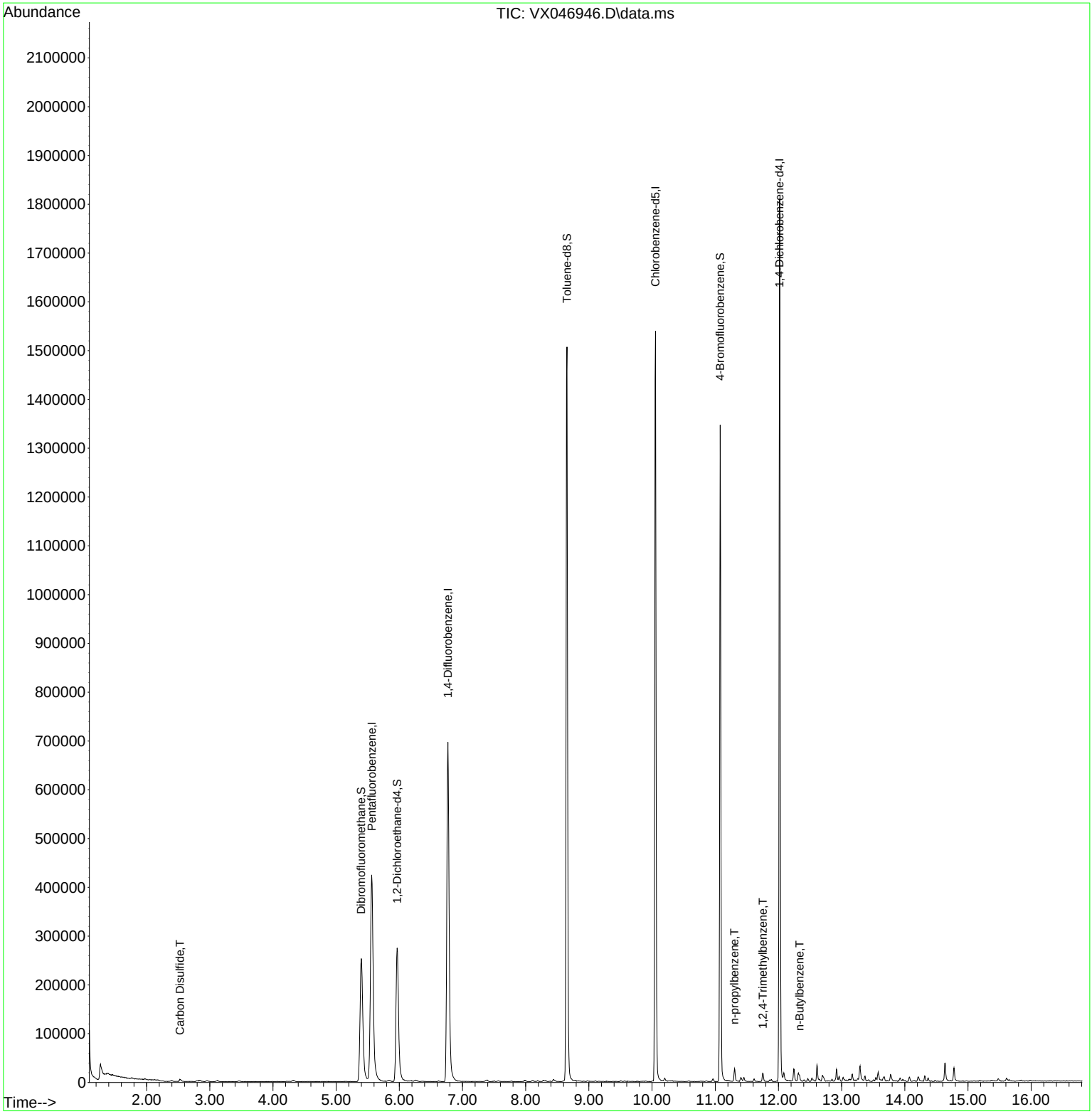
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

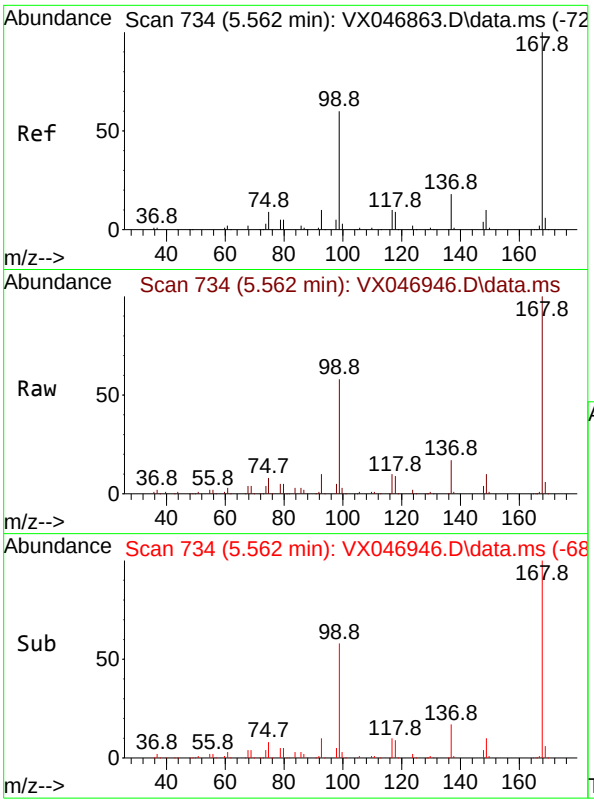
Quant Time: Jul 11 01:32:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

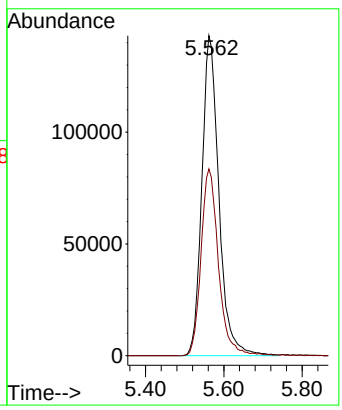





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion:168 Resp: 43128

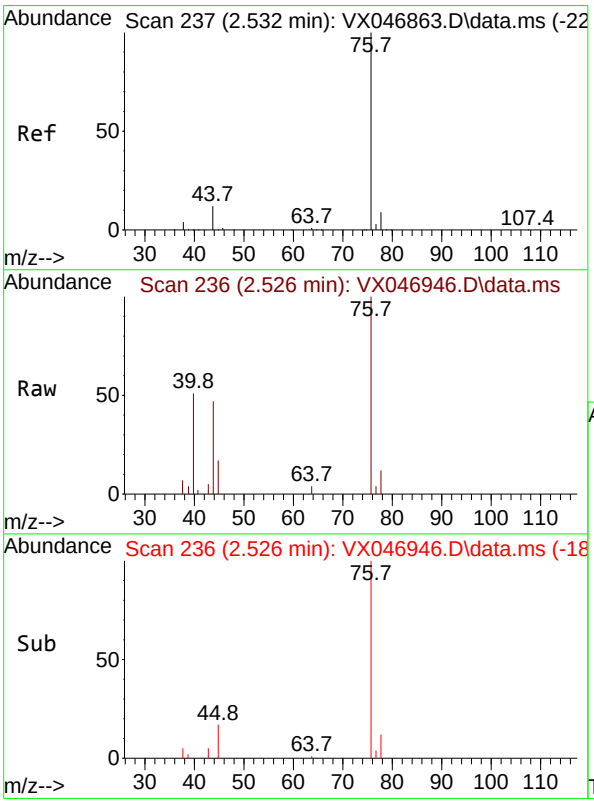
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.3 | 48.8 | 73.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

**Manual Integrations**
**APPROVED**

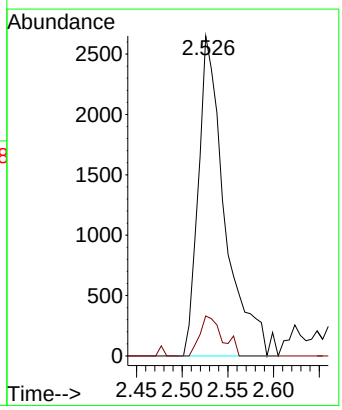
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

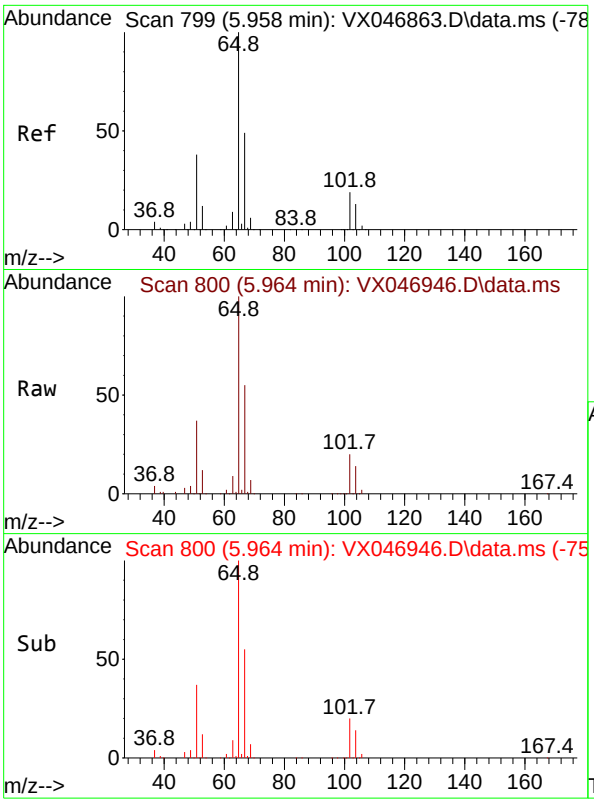



#17
Carbon Disulfide
Concen: 0.438 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 76 Resp: 5367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 12.5 | 7.4 | 11.2# |






#33
1,2-Dichloroethane-d4
Concen: 50.306 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

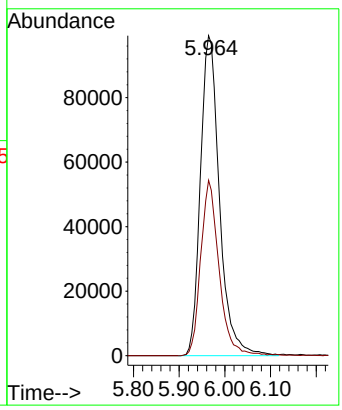
Tgt Ion: 65 Resp: 28662

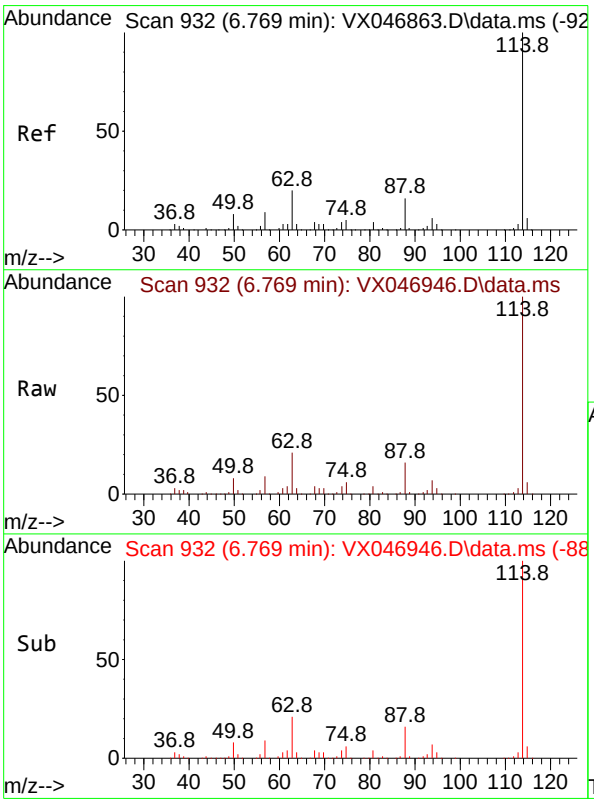
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.8 | 0.0 | 105.2 |

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

**Manual Integrations**
**APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

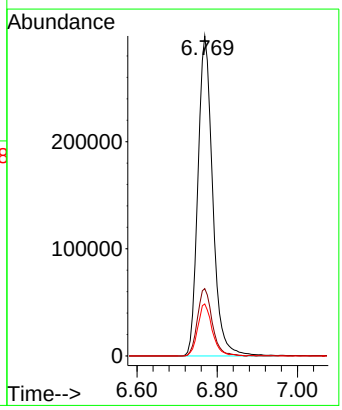


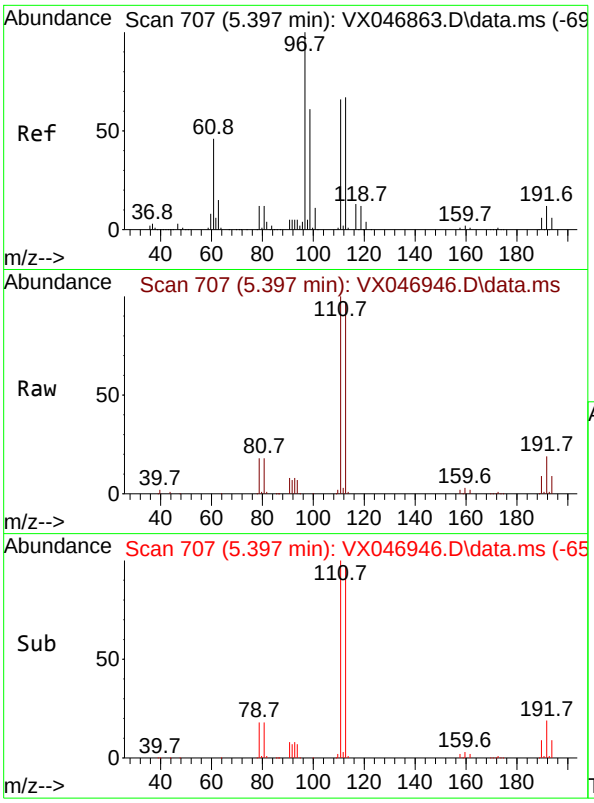




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion:114 Resp: 760941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.1 | 0.0 | 40.4 |
| 88 | 16.2 | 0.0 | 31.0 |

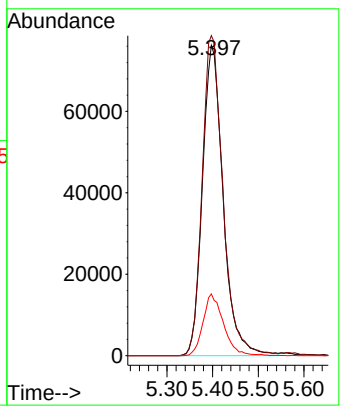





#35
Dibromofluoromethane
Concen: 46.486 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion:113 Resp: 24011

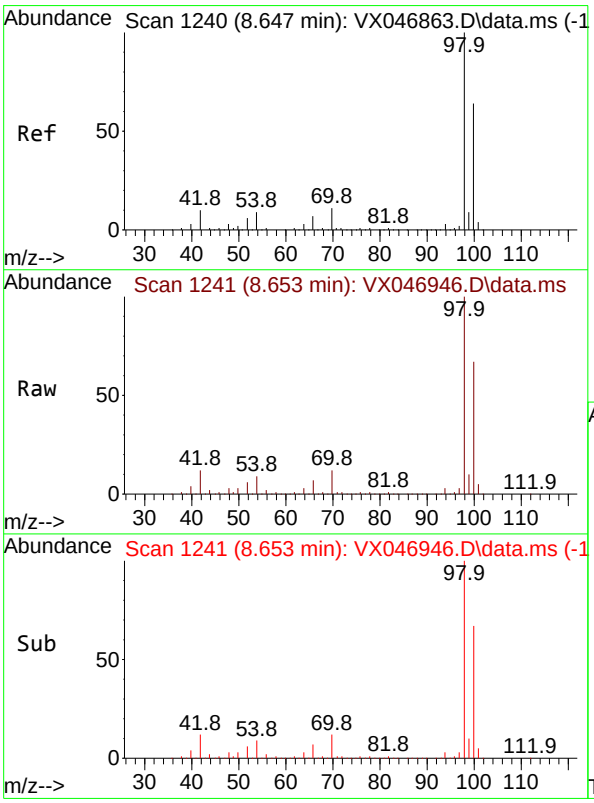
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 81.2 | 121.8 |
| 192 | 19.7 | 15.3 | 22.9 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

**Manual Integrations**
**APPROVED**

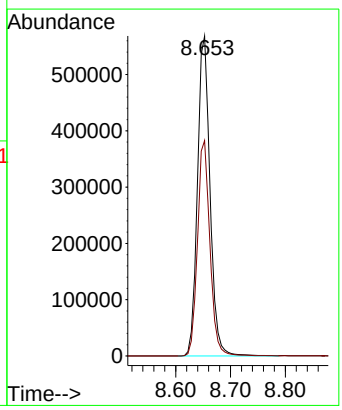
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

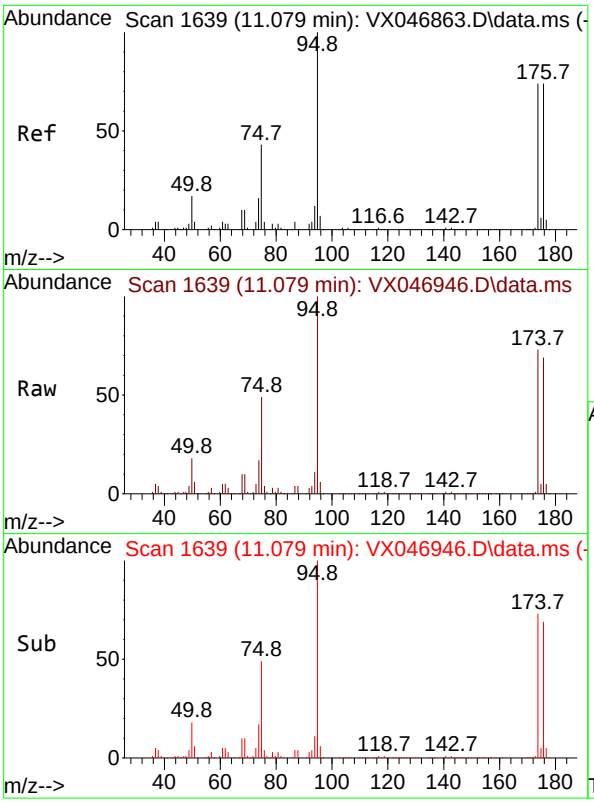



#50
Toluene-d8
Concen: 49.807 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 98 Resp: 907701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 53.0 | 79.6 |

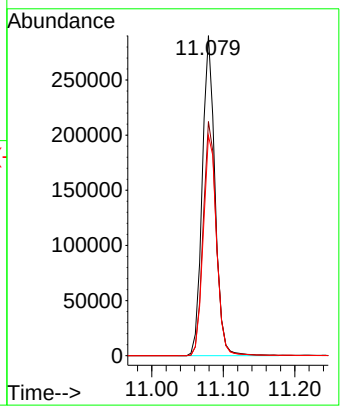





#62
4-Bromofluorobenzene
Concen: 51.857 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 95 Resp: 35917

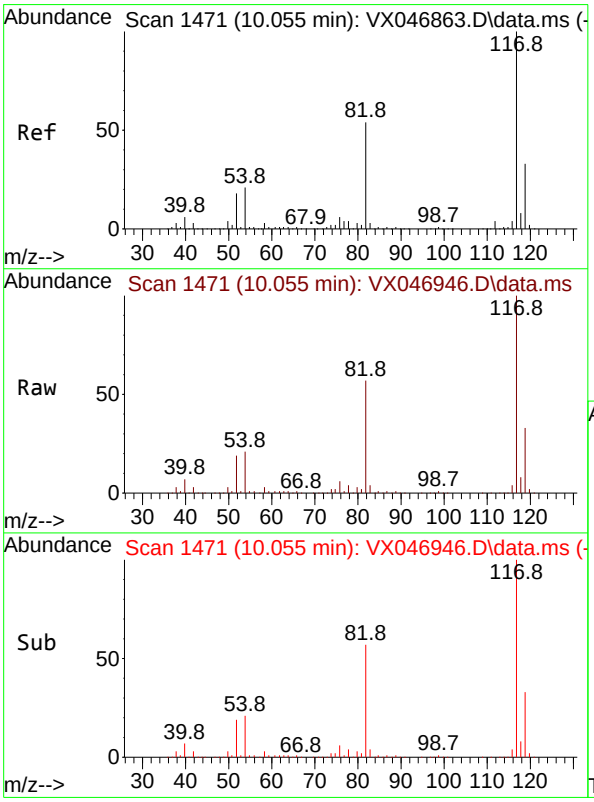
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.6 | 0.0 | 152.0 |
| 176 | 72.0 | 0.0 | 145.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

**Manual Integrations**
**APPROVED**

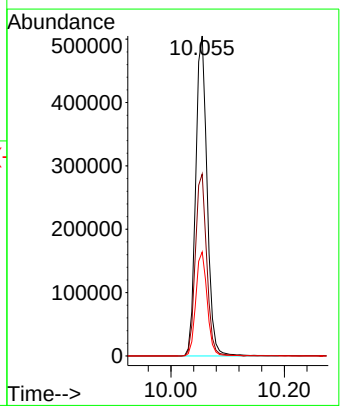
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

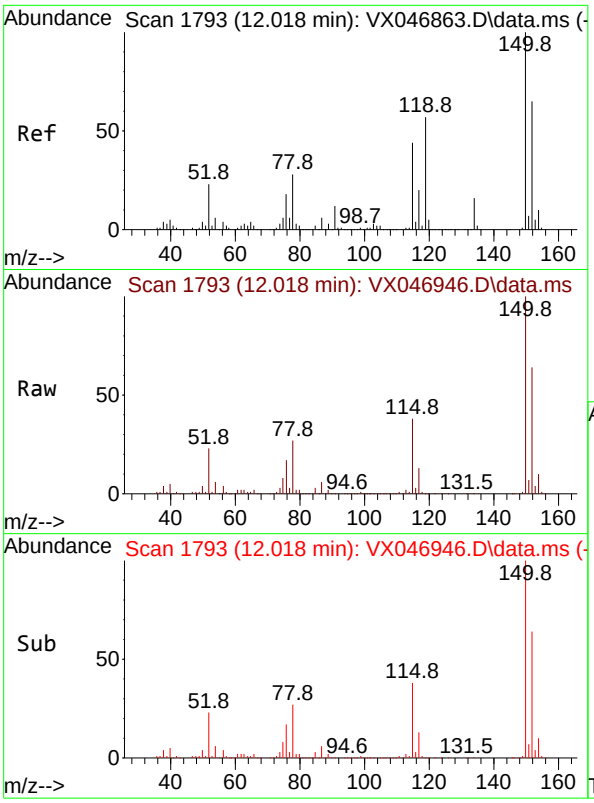



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion:117 Resp: 704204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.8 | 43.3 | 64.9 |
| 119 | 32.5 | 26.4 | 39.6 |

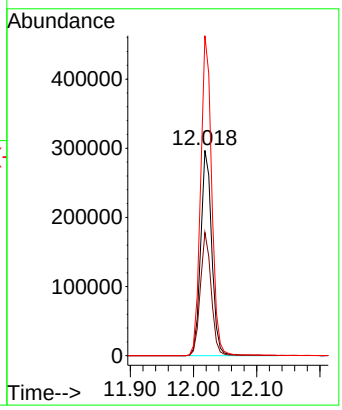





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion:152 Resp: 36248

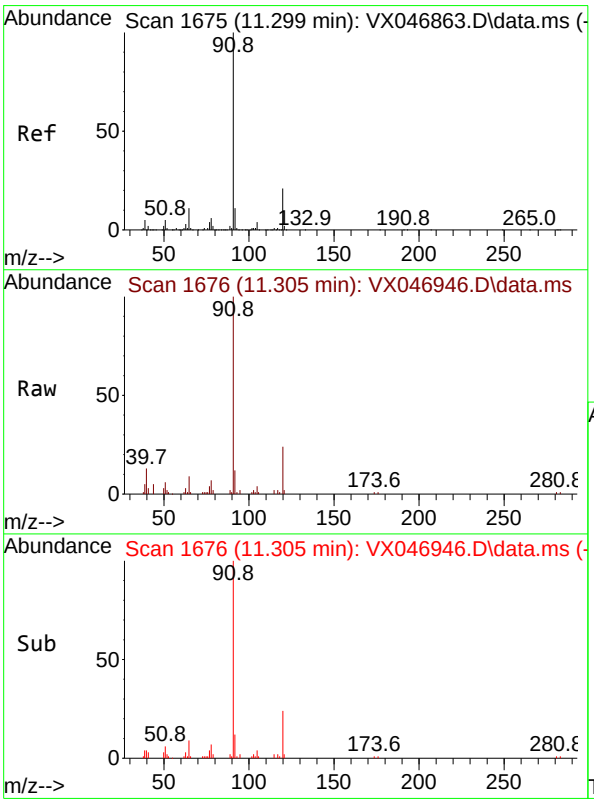
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.8 | 42.4 | 127.1 |
| 150 | 155.5 | 0.0 | 349.2 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

**Manual Integrations**
**APPROVED**

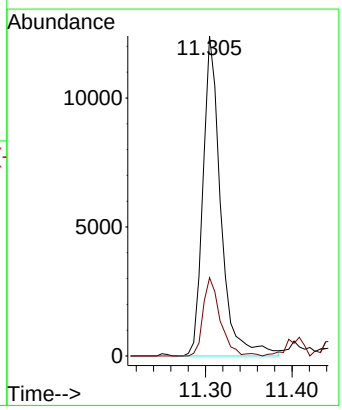
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

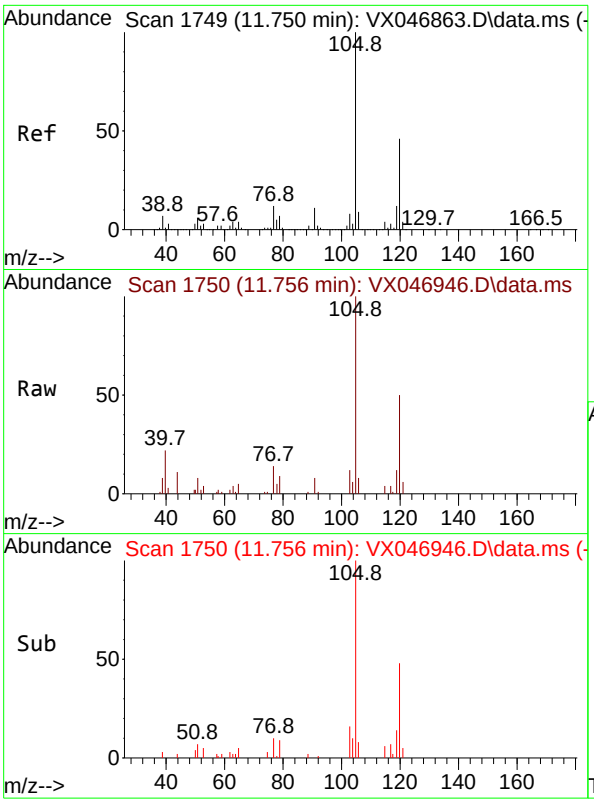



#78
n-propylbenzene
Concen: 0.577 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 91 Resp: 17718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.5 | 11.2 | 33.5 |

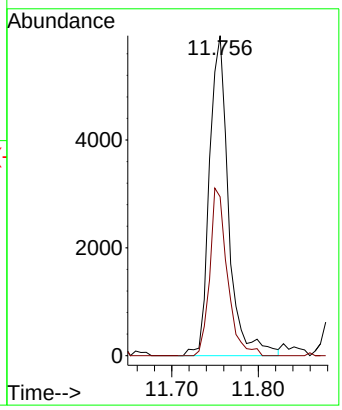





#84
1,2,4-Trimethylbenzene
Concen: 0.434 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion:105 Resp: 909

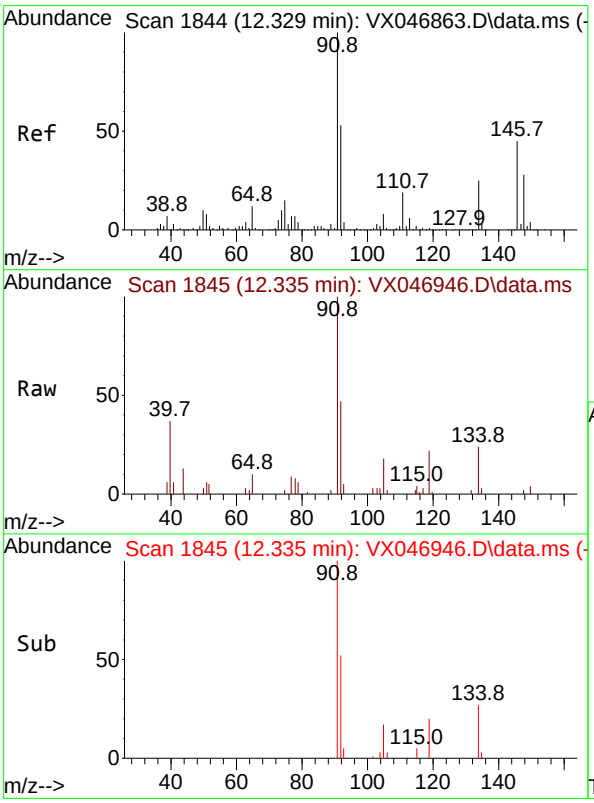
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.0 | 23.3 | 69.8 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

**Manual Integrations**
**APPROVED**

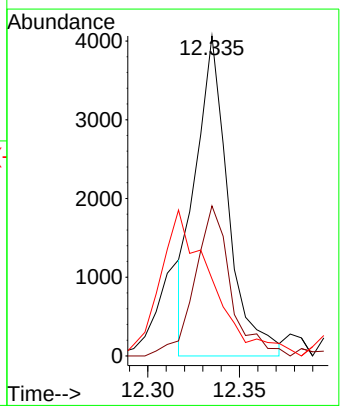
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025




#89
n-Butylbenzene
Concen: 0.237 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 91 Resp: 5028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.7 | 27.0 | 81.0 |
| 134 | 72.1 | 12.8 | 38.4# |



Sample Results: **VX046946.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046946.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.270 | 25 | 30 | 39 | rBV | 31146 | 87623 | 3.63% | 0.646% |
| 2 | 5.397 | 696 | 707 | 723 | rBV2 | 252109 | 790164 | 32.77% | 5.824% |
| 3 | 5.562 | 724 | 734 | 756 | rVB | 421601 | 1285998 | 53.34% | 9.479% |
| 4 | 5.964 | 790 | 800 | 821 | rBV | 273697 | 785269 | 32.57% | 5.788% |
| 5 | 6.769 | 922 | 932 | 957 | rBV | 695834 | 1776844 | 73.70% | 13.097% |
| 6 | 8.653 | 1234 | 1241 | 1259 | rVB | 1503633 | 2410942 | 100.00% | 17.771% |
| 7 | 10.055 | 1465 | 1471 | 1489 | rBV | 1537474 | 2162792 | 89.71% | 15.942% |
| 8 | 11.079 | 1634 | 1639 | 1655 | rBV | 1344947 | 1692445 | 70.20% | 12.475% |
| 9 | 11.305 | 1670 | 1676 | 1687 | rBV | 26327 | 38238 | 1.59% | 0.282% |
| 10 | 12.018 | 1788 | 1793 | 1801 | rBV | 1808947 | 2182634 | 90.53% | 16.088% |
| 11 | 12.085 | 1801 | 1804 | 1814 | rVB2 | 16419 | 27591 | 1.14% | 0.203% |
| 12 | 12.244 | 1824 | 1830 | 1837 | rBV2 | 24836 | 36658 | 1.52% | 0.270% |
| 13 | 12.317 | 1837 | 1842 | 1853 | rVB5 | 17002 | 36797 | 1.53% | 0.271% |
| 14 | 12.609 | 1886 | 1890 | 1895 | rBV | 33328 | 43580 | 1.81% | 0.321% |
| 15 | 12.695 | 1900 | 1904 | 1913 | rVB5 | 11757 | 24187 | 1.00% | 0.178% |
| 16 | 12.920 | 1934 | 1941 | 1945 | rBV | 24103 | 33926 | 1.41% | 0.250% |
| 17 | 13.292 | 1998 | 2002 | 2012 | rVB5 | 28623 | 41953 | 1.74% | 0.309% |
| 18 | 14.639 | 2213 | 2223 | 2235 | rBV | 37427 | 64036 | 2.66% | 0.472% |
| 19 | 14.780 | 2239 | 2246 | 2261 | rVB2 | 27637 | 45355 | 1.88% | 0.334% |

Sum of corrected areas: 13567032

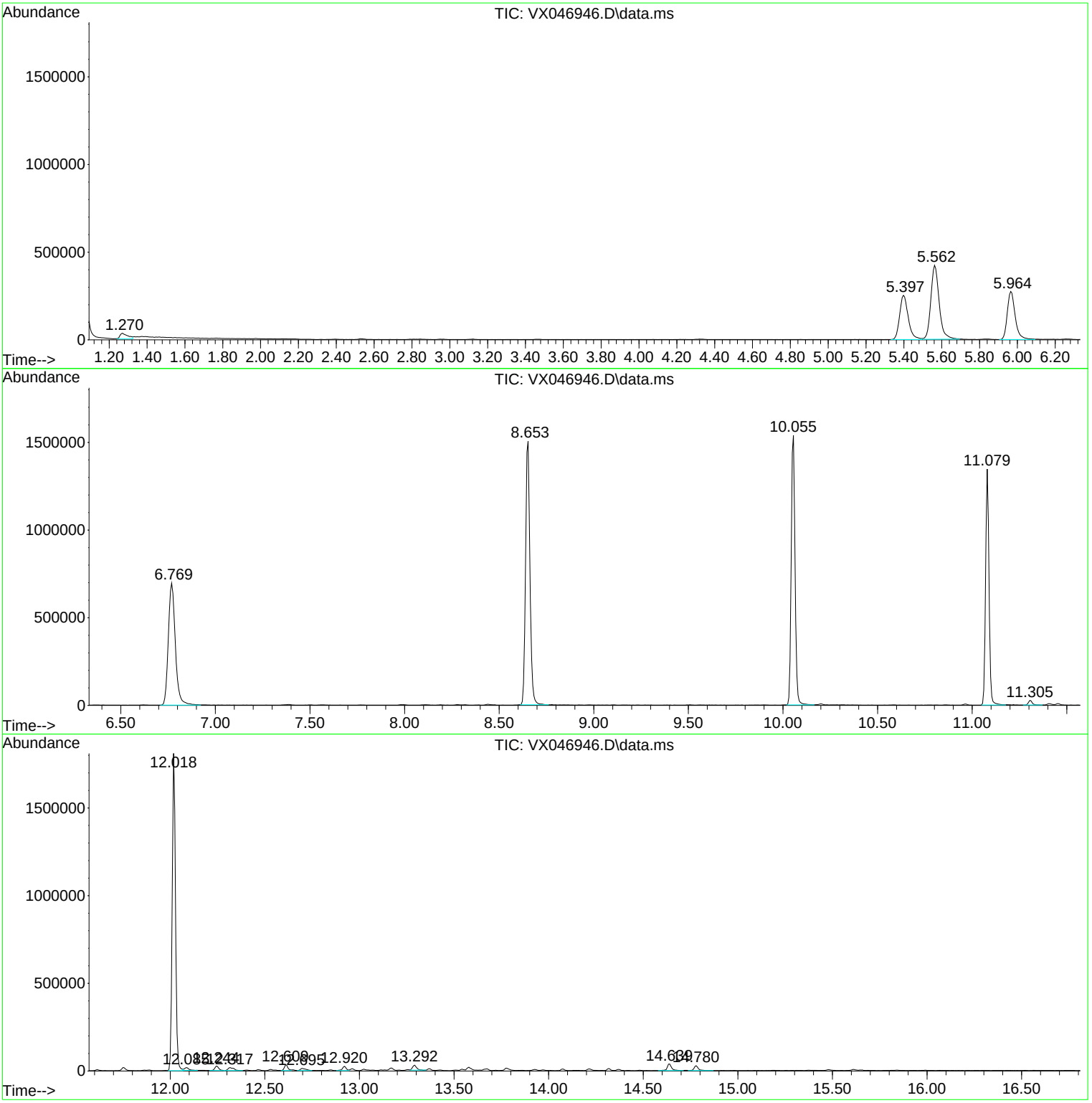
Sample Results: **VX046946.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX046946.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
AOC-205

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX046984.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | FB | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-05 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046984.D | 1 | 07/14/25 18:56 | VX071425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 74-87-3 | Chloromethane | 5.00 | U | 0.32 | 5.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 5.00 | U | 0.26 | 5.00 | ug/L |
| 74-83-9 | Bromomethane | 5.00 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 5.00 | U | 0.47 | 5.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 5.00 | U | 0.33 | 5.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 5.00 | U | 0.25 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 67-64-1 | Acetone | 2.20 | J | 1.50 | 25.0 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.89 | J | 0.21 | 5.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-20-9 | Methyl Acetate | 5.00 | UQ | 0.27 | 5.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.55 | J | 0.28 | 5.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 5.00 | U | 0.23 | 5.00 | ug/L |
| 110-82-7 | Cyclohexane | 5.00 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 25.0 | U | 0.98 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 5.00 | U | 0.25 | 5.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 74-97-5 | Bromochloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 5.00 | U | 0.25 | 5.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 5.00 | U | 0.16 | 5.00 | ug/L |
| 71-43-2 | Benzene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 5.00 | U | 0.090 | 5.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 25.0 | U | 0.68 | 25.0 | ug/L |
| 108-88-3 | Toluene | 5.00 | U | 0.14 | 5.00 | ug/L |

Raw Data: **VX046984.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | FB | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-05 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046984.D | 1 | 07/14/25 18:56 | VX071425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 5.00 | U | 0.17 | 5.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 5.00 | U | 0.21 | 5.00 | ug/L |
| 591-78-6 | 2-Hexanone | 25.0 | U | 0.89 | 25.0 | ug/L |
| 124-48-1 | Dibromochloromethane | 5.00 | U | 0.18 | 5.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 5.00 | U | 0.15 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 5.00 | U | 0.13 | 5.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 10.0 | U | 0.24 | 10.0 | ug/L |
| 95-47-6 | o-Xylene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-42-5 | Styrene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 75-25-2 | Bromoform | 5.00 | U | 0.19 | 5.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.00 | U | 0.26 | 5.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 5.00 | U | 0.53 | 5.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 52.6 | | 70 (74) - 130 (125) | 105% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 48.7 | | 70 (75) - 130 (124) | 97% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 47.9 | | 70 (86) - 130 (113) | 96% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 51.8 | | 70 (77) - 130 (121) | 104% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 357000 | 5.568 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 603000 | 6.769 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 549000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 281000 | 12.018 | | | |

Raw Data: **VX046984.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | FB | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-05 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046984.D | 1 | 07/14/25 18:56 | VX071425 |

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Quant Time: Jul 14 20:01:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

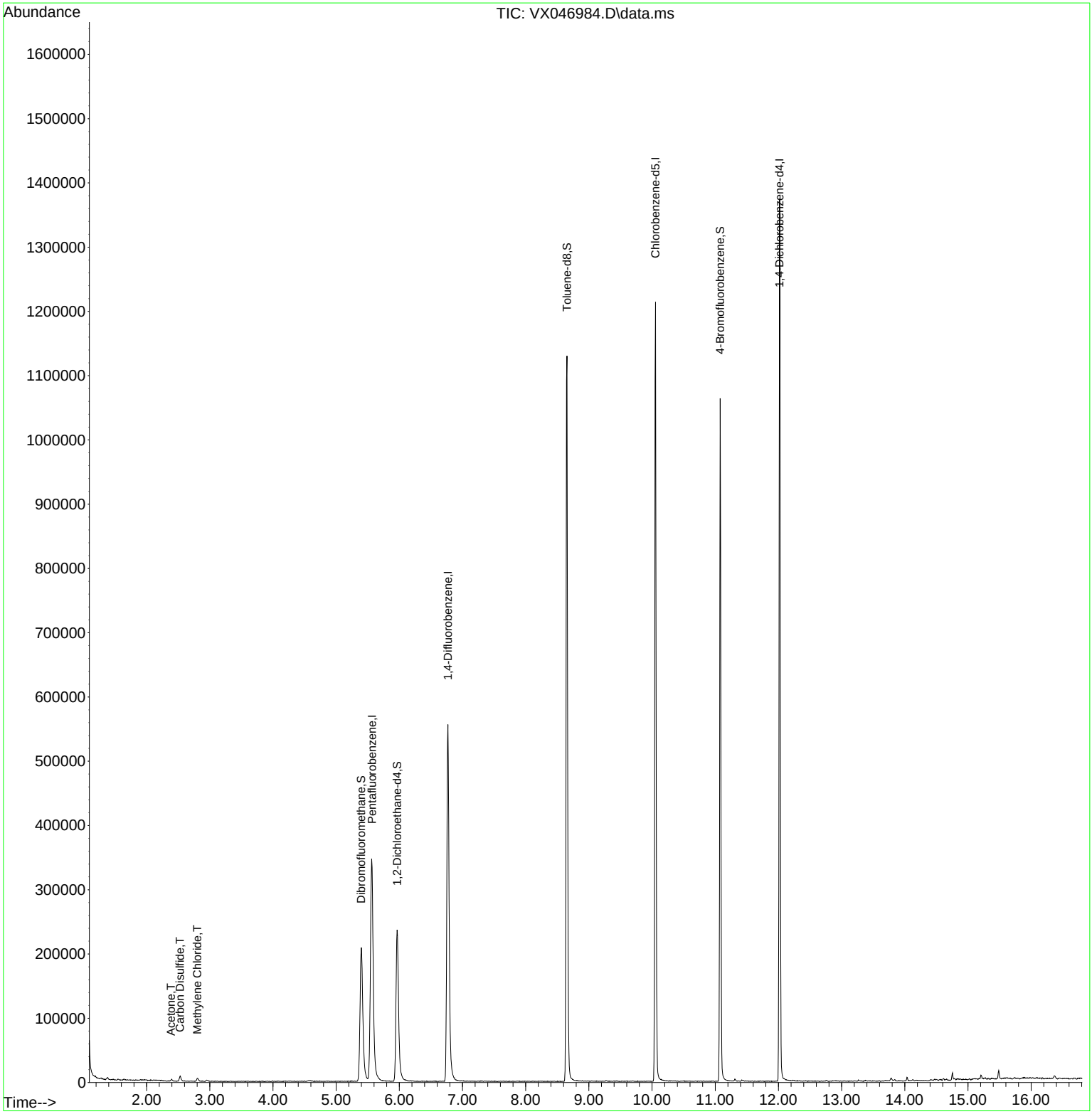
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.568 | 168 | 356948 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 602998 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 548783 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 281291 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 248196 | 52.633 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 105.260% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 199290 | 48.688 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 97.380% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 691698 | 47.896 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 95.800% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 284303 | 51.799 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 103.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.386 | 43 | 3233 | 2.207 | ug/l # | 68 |
| 17) Carbon Disulfide | 2.526 | 76 | 9009 | 0.888 | ug/l | 96 |
| 20) Methylene Chloride | 2.800 | 84 | 2370 | 0.547 | ug/l | 87 |

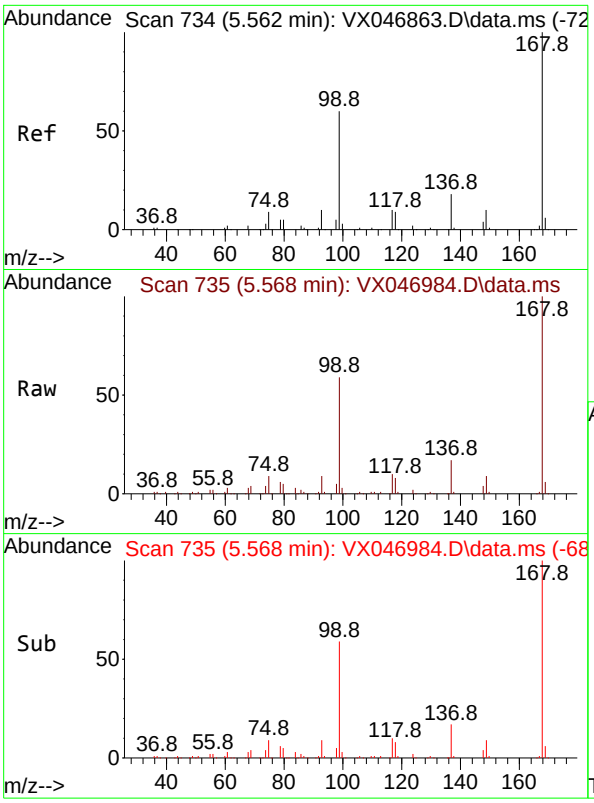
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Quant Time: Jul 14 20:01:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



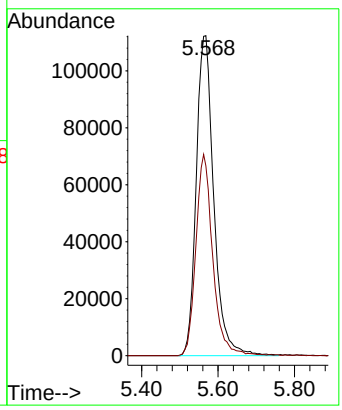


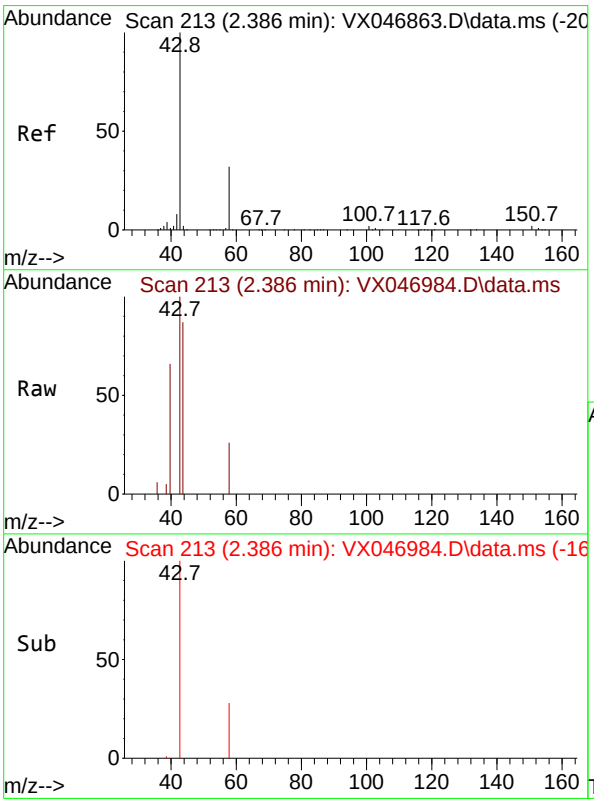

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Tgt Ion:168 Resp: 356948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.3 | 48.8 | 73.2 |

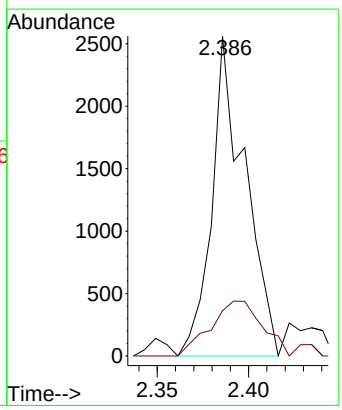


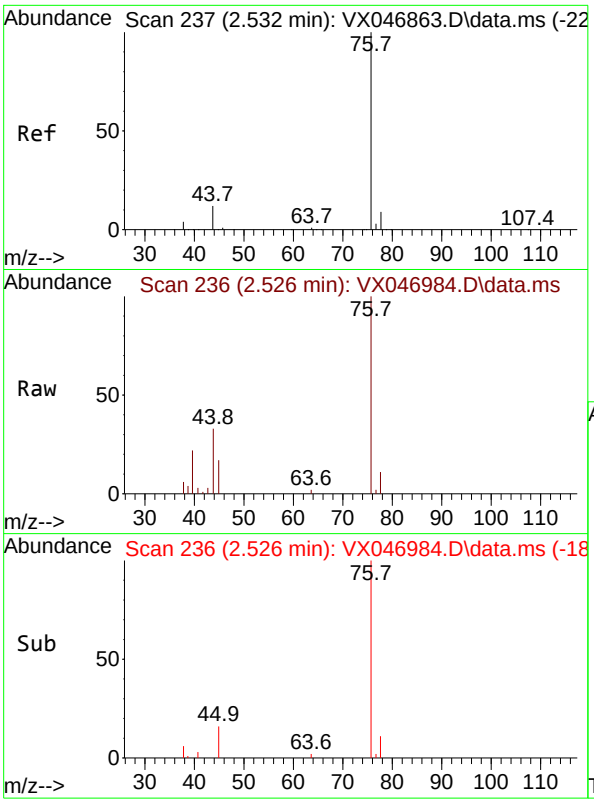




#16
Acetone
Concen: 2.207 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion: 43 Resp: 3233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 14.1 | 25.8 | 38.6# |



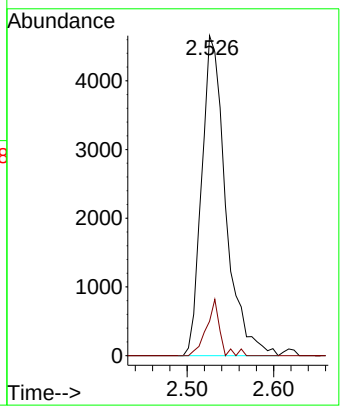


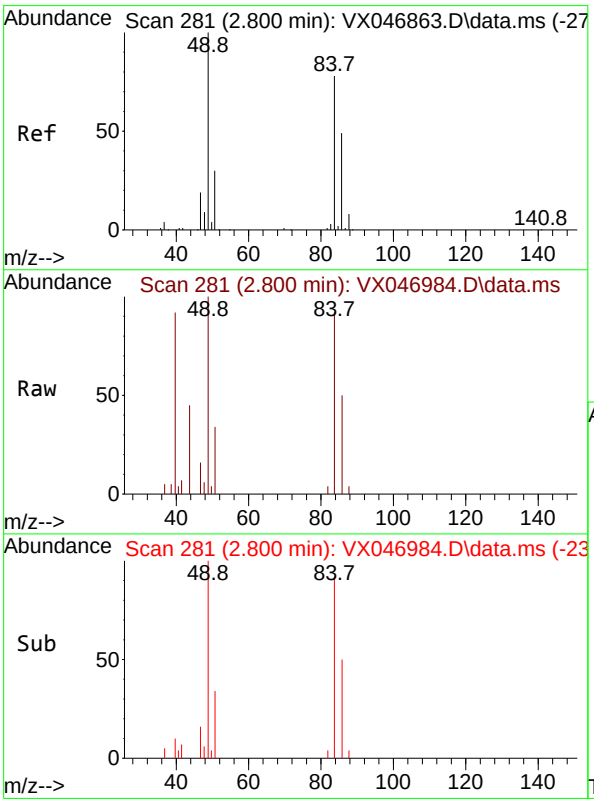

#17
Carbon Disulfide
Concen: 0.888 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Tgt Ion: 76 Resp: 9009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.7 | 7.4 | 11.2 |

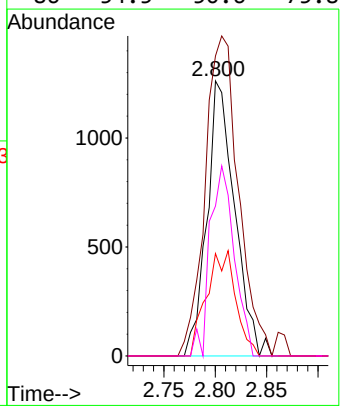


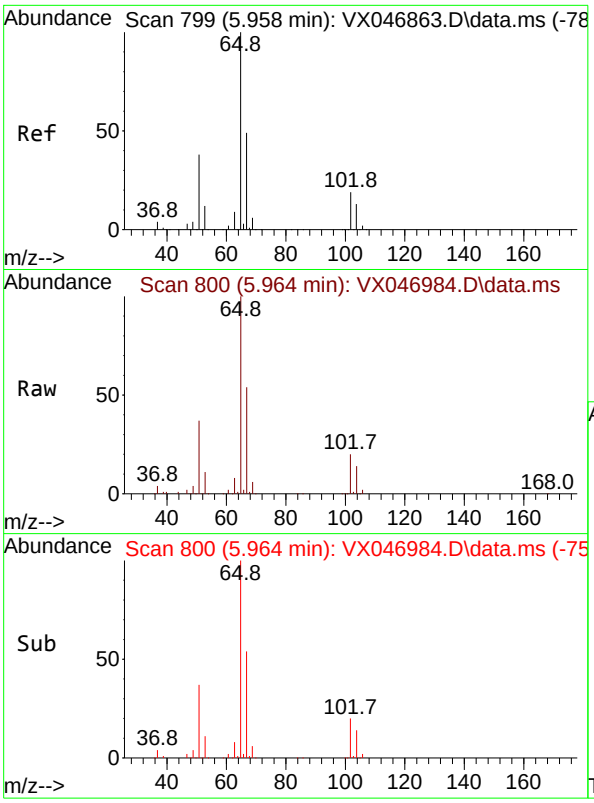




#20
Methylene Chloride
Concen: 0.547 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion: 84 Resp: 2370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 109.0 | 102.8 | 154.2 |
| 51 | 37.2 | 31.1 | 46.7 |
| 86 | 54.5 | 50.6 | 75.8 |



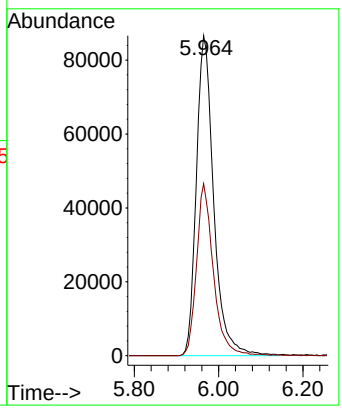


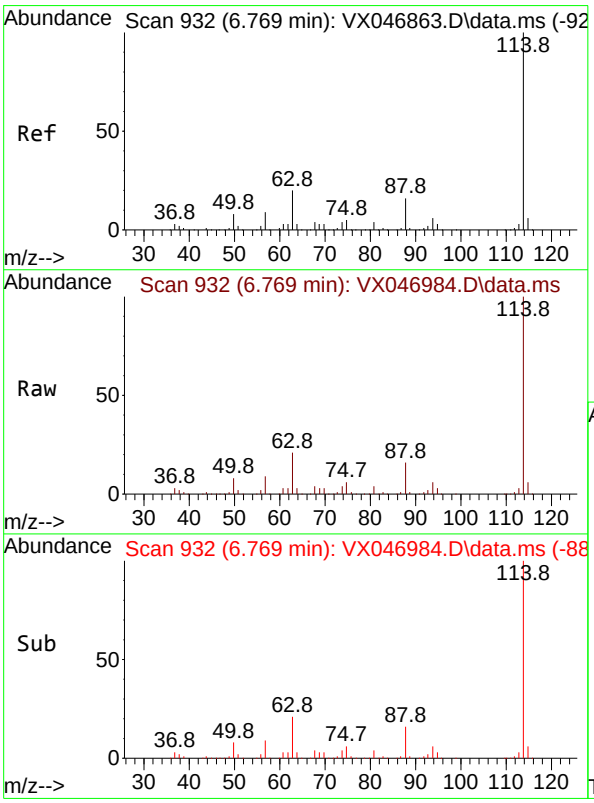

#33
1,2-Dichloroethane-d4
Concen: 52.633 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Tgt Ion: 65 Resp: 248196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.2 | 0.0 | 105.2 |

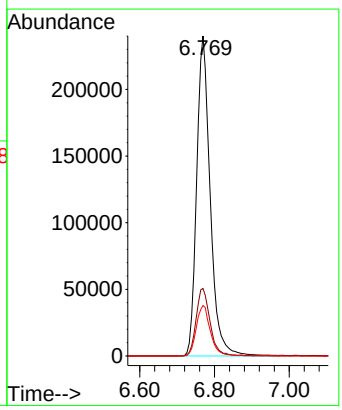


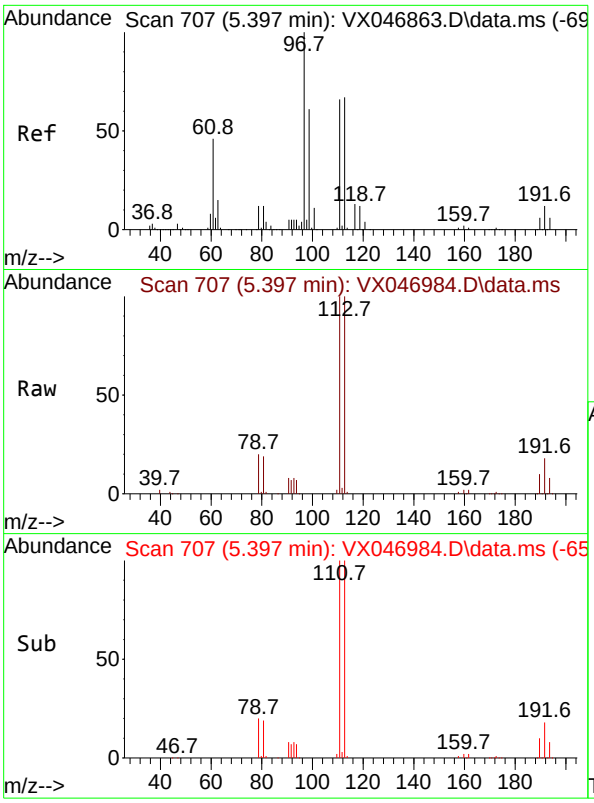




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion:114 Resp: 602998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.1 | 0.0 | 40.4 |
| 88 | 15.7 | 0.0 | 31.0 |



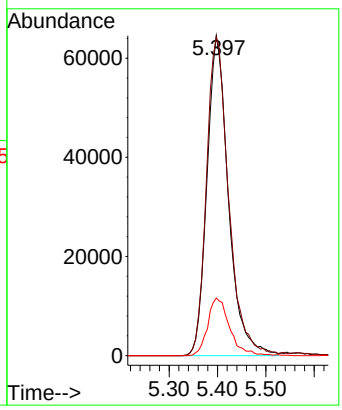


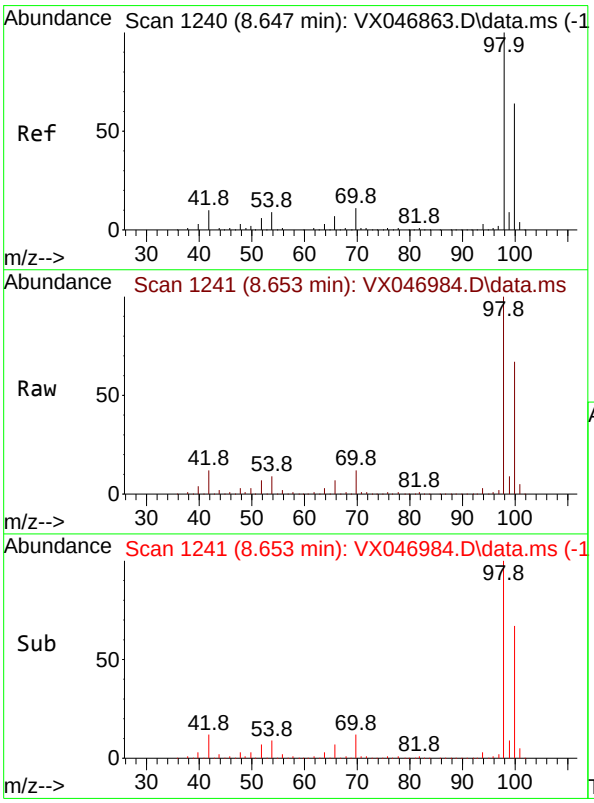

#35
Dibromofluoromethane
Concen: 48.688 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Tgt Ion:113 Resp: 199290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 81.2 | 121.8 |
| 192 | 18.6 | 15.3 | 22.9 |

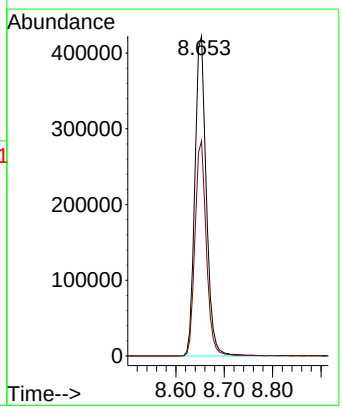


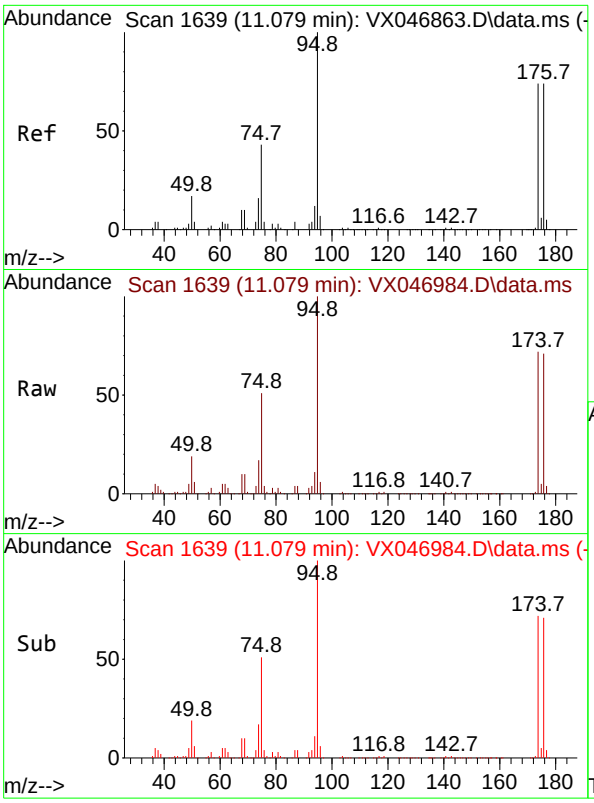




#50
Toluene-d8
Concen: 47.896 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion: 98 Resp: 691698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.8 | 53.0 | 79.6 |



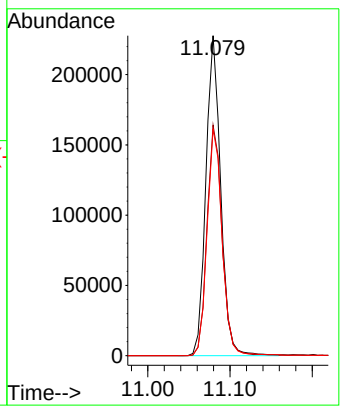


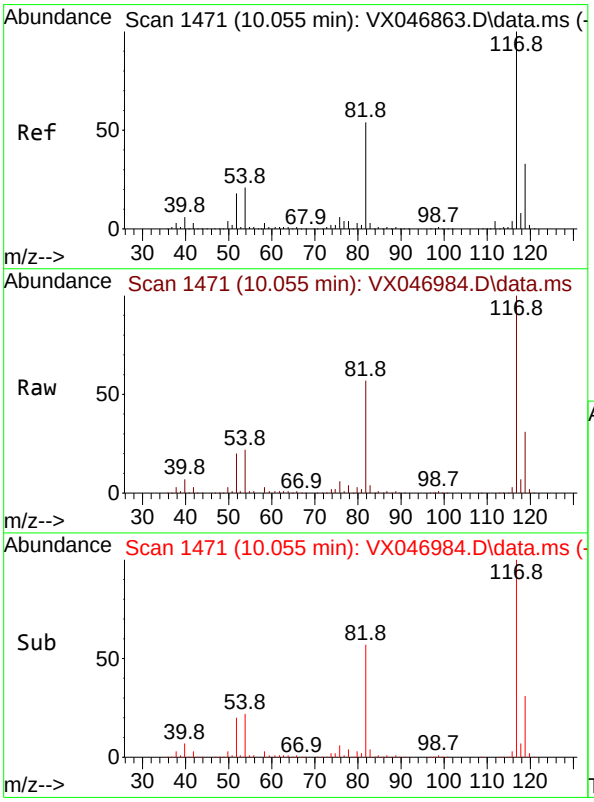

#62
4-Bromofluorobenzene
Concen: 51.799 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Tgt Ion: 95 Resp: 284303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.7 | 0.0 | 152.0 |
| 176 | 72.4 | 0.0 | 145.2 |

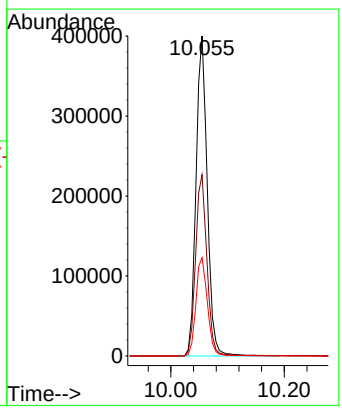


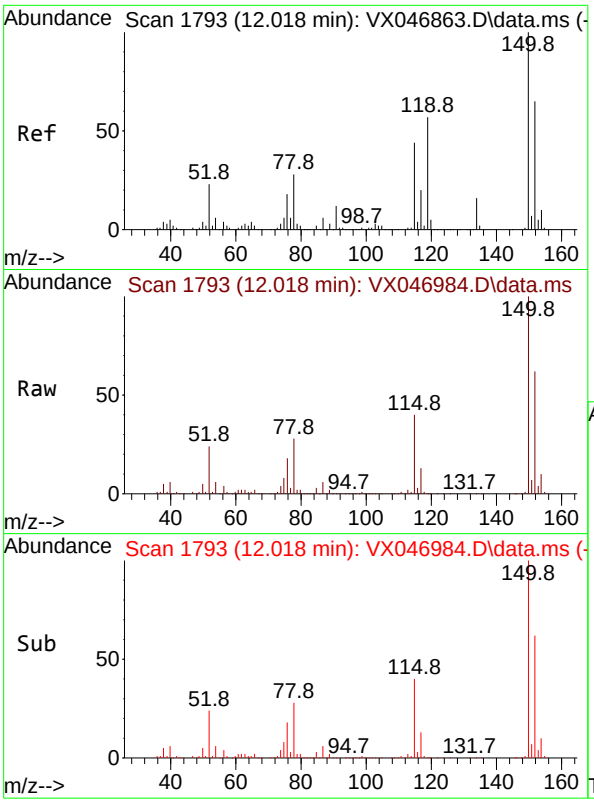




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion:117 Resp: 548783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.6 | 43.3 | 64.9 |
| 119 | 30.7 | 26.4 | 39.6 |



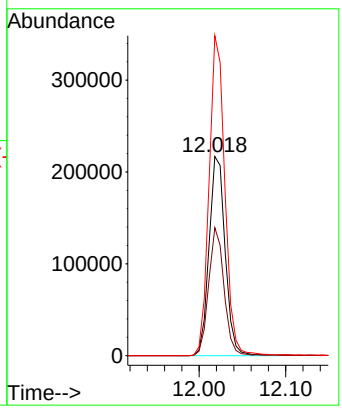



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Tgt Ion:152 Resp: 281291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.8 | 42.4 | 127.1 |
| 150 | 156.8 | 0.0 | 349.2 |



Sample Results: **VX046984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046984.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.397 | 697 | 707 | 724 | rBV4 | 207987 | 651553 | 34.99% | 6.229% |
| 2 | 5.562 | 724 | 734 | 762 | rVB | 345315 | 1080512 | 58.02% | 10.329% |
| 3 | 5.964 | 790 | 800 | 819 | rBV | 235914 | 679570 | 36.49% | 6.496% |
| 4 | 6.769 | 923 | 932 | 956 | rBV | 555112 | 1417981 | 76.14% | 13.555% |
| 5 | 8.653 | 1234 | 1241 | 1256 | rBV | 1128894 | 1862378 | 100.00% | 17.804% |
| 6 | 10.055 | 1465 | 1471 | 1484 | rBV | 1212333 | 1692515 | 90.88% | 16.180% |
| 7 | 11.079 | 1634 | 1639 | 1658 | rBV | 1062325 | 1343171 | 72.12% | 12.840% |
| 8 | 12.018 | 1788 | 1793 | 1804 | rBV | 1373098 | 1732979 | 93.05% | 16.567% |

Sum of corrected areas: 10460659

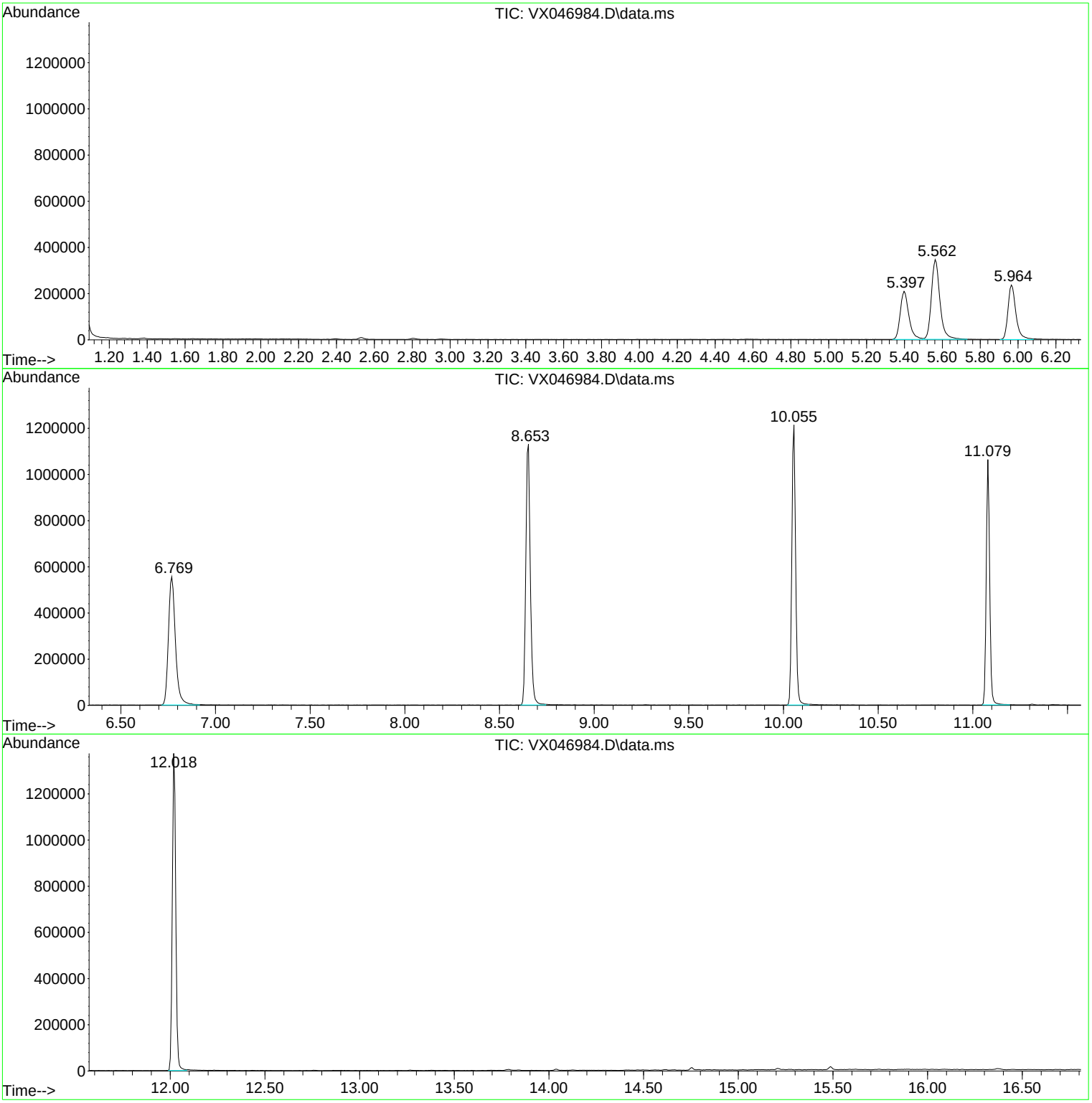
Sample Results: **VX046984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX046984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046984.D
Acq On : 14 Jul 2025 18:56
Operator : JC/MD
Sample : Q2553-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX046939.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | TB | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-06 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046939.D | 1 | 07/10/25 13:18 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 74-87-3 | Chloromethane | 5.00 | U | 0.32 | 5.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 5.00 | U | 0.26 | 5.00 | ug/L |
| 74-83-9 | Bromomethane | 5.00 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 5.00 | U | 0.47 | 5.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 5.00 | U | 0.33 | 5.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 5.00 | U | 0.25 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 67-64-1 | Acetone | 25.0 | U | 1.50 | 25.0 | ug/L |
| 75-15-0 | Carbon Disulfide | 5.00 | U | 0.21 | 5.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-20-9 | Methyl Acetate | 5.00 | U | 0.27 | 5.00 | ug/L |
| 75-09-2 | Methylene Chloride | 5.00 | U | 0.28 | 5.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 5.00 | U | 0.23 | 5.00 | ug/L |
| 110-82-7 | Cyclohexane | 5.00 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 25.0 | U | 0.98 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 5.00 | U | 0.25 | 5.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 74-97-5 | Bromochloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 5.00 | U | 0.25 | 5.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 5.00 | U | 0.16 | 5.00 | ug/L |
| 71-43-2 | Benzene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 5.00 | U | 0.090 | 5.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 25.0 | U | 0.68 | 25.0 | ug/L |
| 108-88-3 | Toluene | 5.00 | U | 0.14 | 5.00 | ug/L |

Raw Data: **VX046939.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | TB | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-06 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046939.D | 1 | 07/10/25 13:18 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 5.00 | U | 0.17 | 5.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 5.00 | U | 0.21 | 5.00 | ug/L |
| 591-78-6 | 2-Hexanone | 25.0 | U | 0.89 | 25.0 | ug/L |
| 124-48-1 | Dibromochloromethane | 5.00 | U | 0.18 | 5.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 5.00 | U | 0.15 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 5.00 | U | 0.13 | 5.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 10.0 | U | 0.24 | 10.0 | ug/L |
| 95-47-6 | o-Xylene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-42-5 | Styrene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 75-25-2 | Bromoform | 5.00 | U | 0.19 | 5.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.00 | U | 0.26 | 5.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 5.00 | U | 0.53 | 5.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 54.6 | | 70 (74) - 130 (125) | 109% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 48.9 | | 70 (75) - 130 (124) | 98% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 50.2 | | 70 (86) - 130 (113) | 100% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 51.6 | | 70 (77) - 130 (121) | 103% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 354000 | 5.562 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 643000 | 6.769 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 599000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 308000 | 12.018 | | | |

Raw Data: **VX046939.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | 07/09/25 |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | 07/09/25 |
| Client Sample ID: | TB | SDG No.: | Q2553 |
| Lab Sample ID: | Q2553-06 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046939.D | 1 | 07/10/25 13:18 | VX071025 |

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Quant Time: Jul 11 01:29:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 354436 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 642674 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 599480 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 308124 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 255734 | 54.615 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 109.240% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 213280 | 48.890 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 97.780% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 772213 | 50.170 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 100.340% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 302008 | 51.627 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 103.260% | | | |

Target Compounds Qvalue

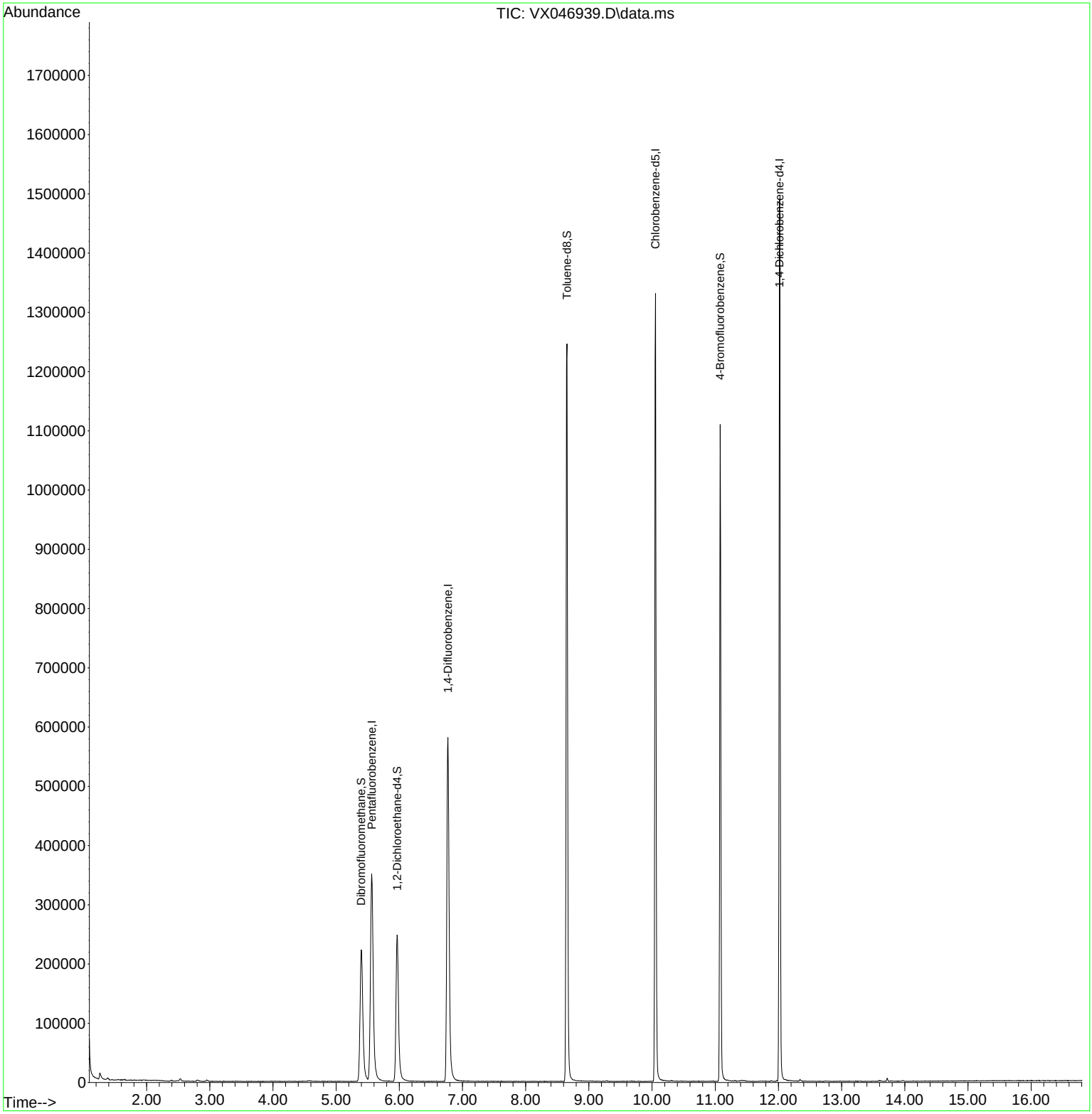
(#) = qualifier out of range (m) = manual integration (+) = signals summed

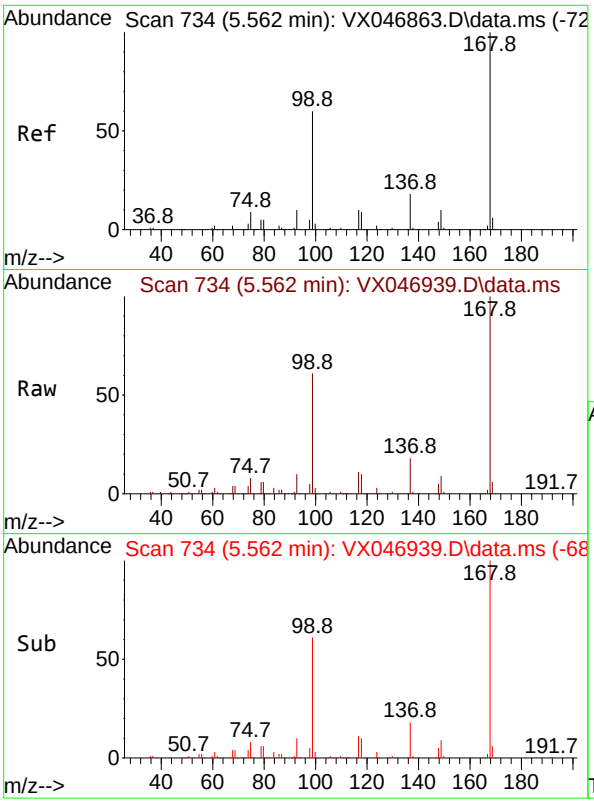
Sample Results: **VX046939.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Quant Time: Jul 11 01:29:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



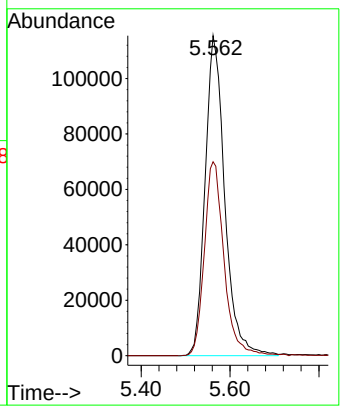


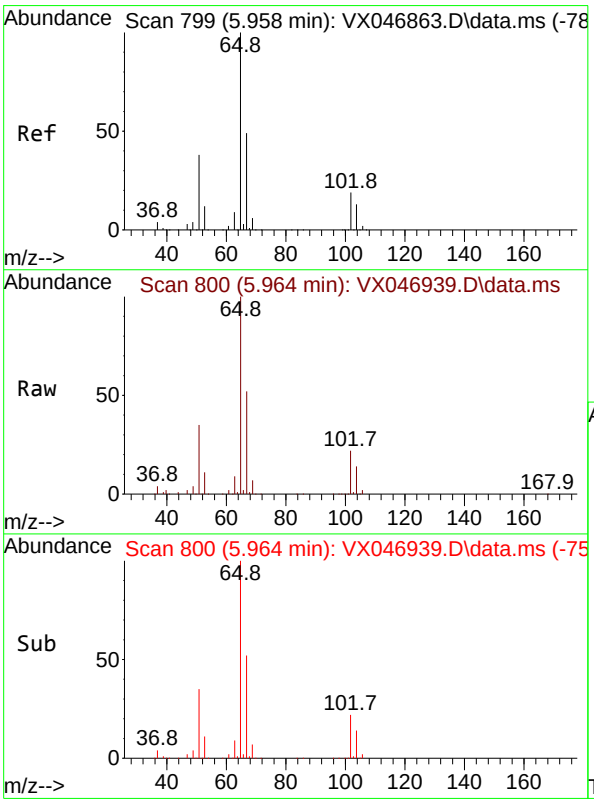

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Tgt Ion:168 Resp: 354436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.6 | 48.8 | 73.2 |

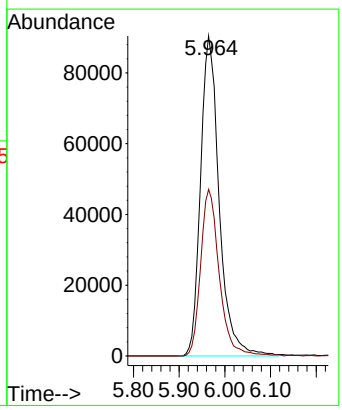


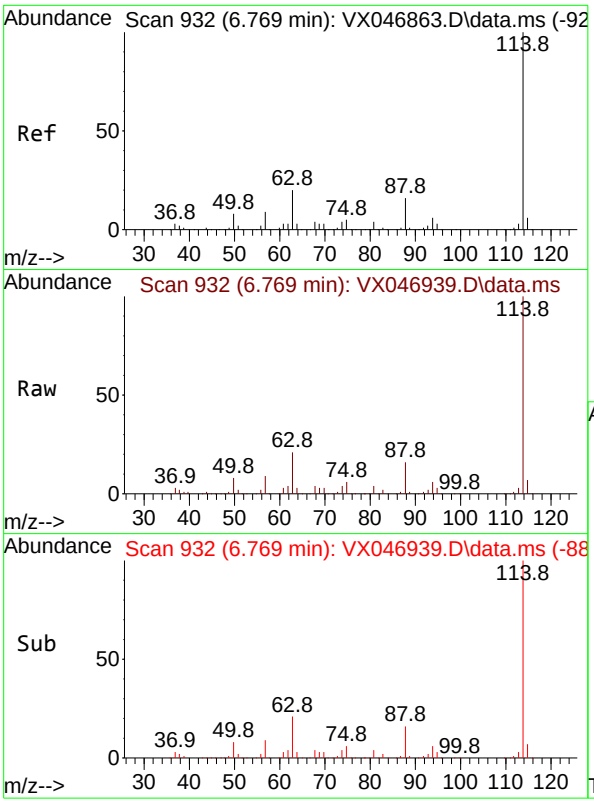




#33
1,2-Dichloroethane-d4
Concen: 54.615 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

Tgt Ion: 65 Resp: 255734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.0 | 0.0 | 105.2 |



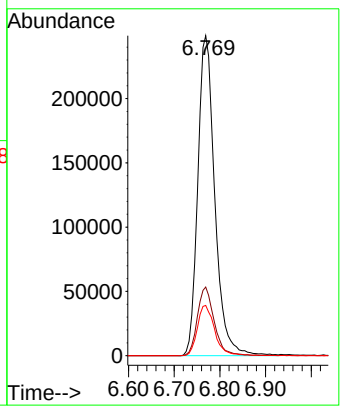


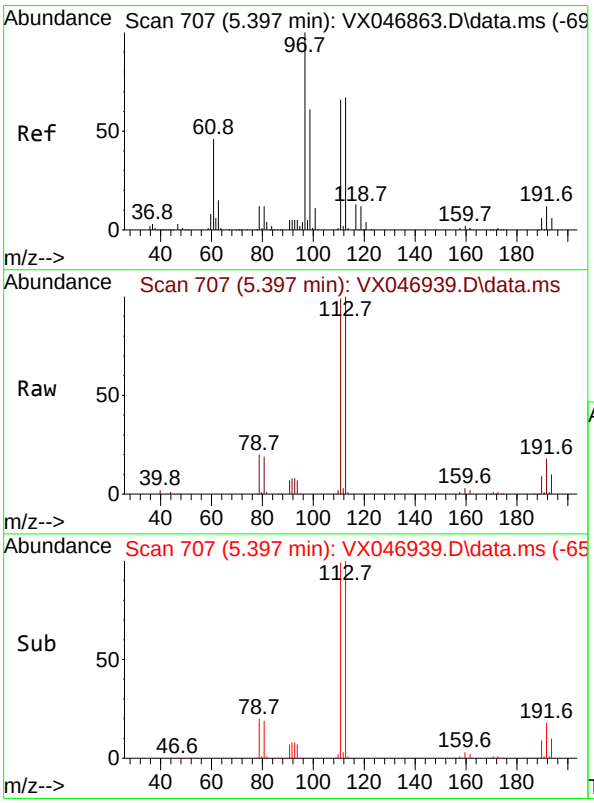

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Tgt Ion:114 Resp: 642674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.5 | 0.0 | 40.4 |
| 88 | 15.7 | 0.0 | 31.0 |

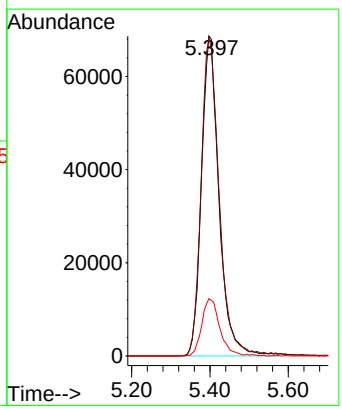


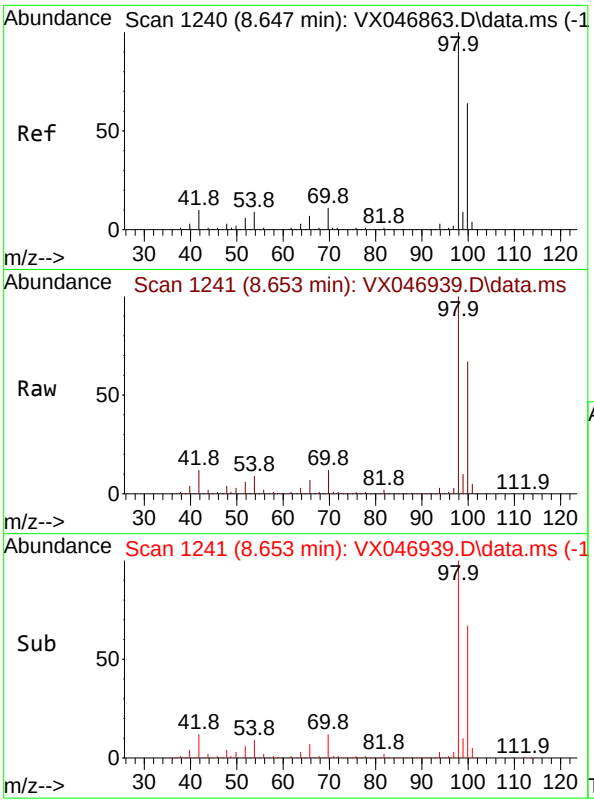




#35
Dibromofluoromethane
Concen: 48.890 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

Tgt Ion:113 Resp: 213280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 81.2 | 121.8 |
| 192 | 18.3 | 15.3 | 22.9 |



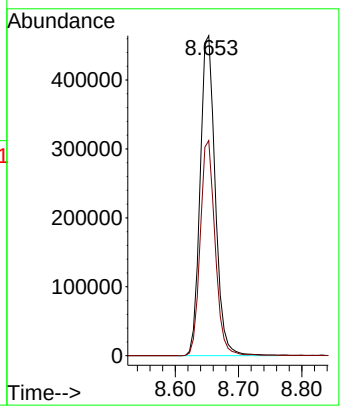


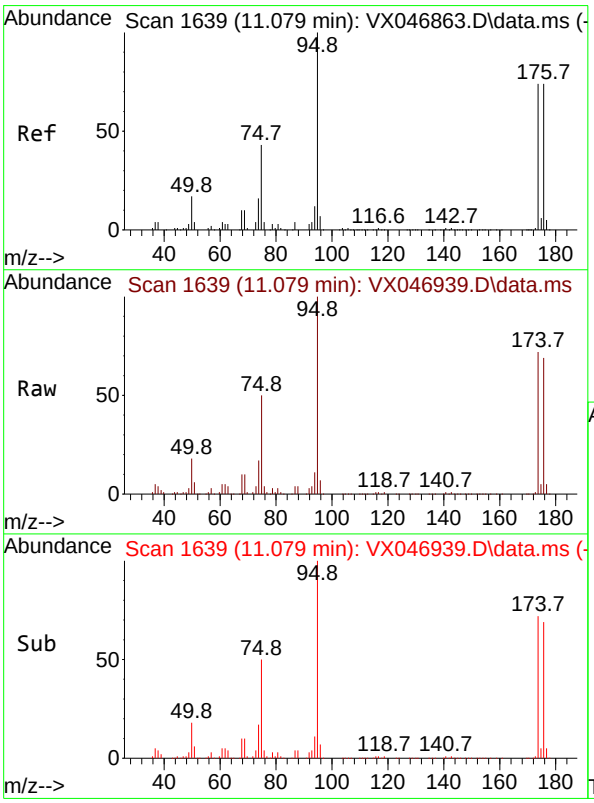

#50
Toluene-d8
Concen: 50.170 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Tgt Ion: 98 Resp: 772213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.5 | 53.0 | 79.6 |

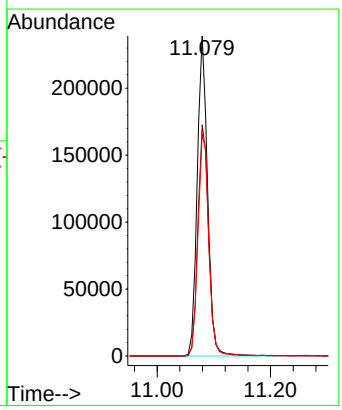


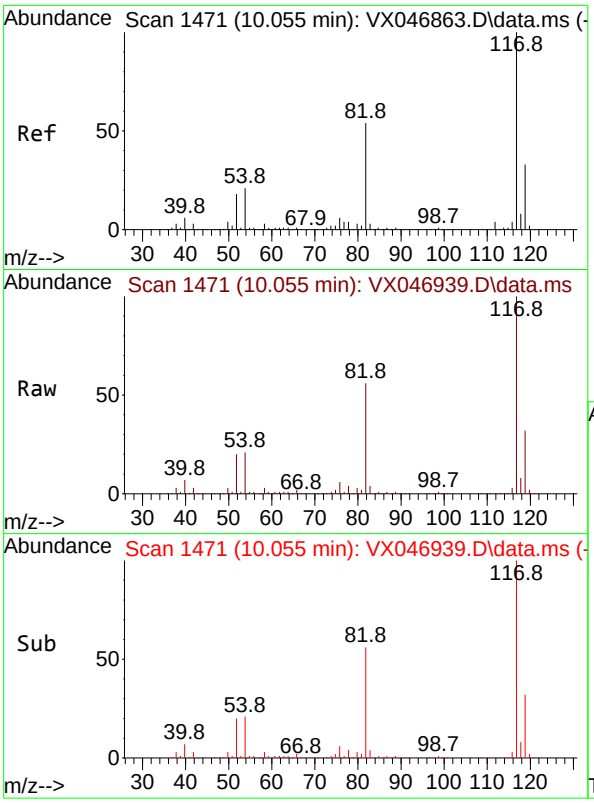




#62
4-Bromofluorobenzene
Concen: 51.627 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

Tgt Ion: 95 Resp: 302008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.1 | 0.0 | 152.0 |
| 176 | 72.1 | 0.0 | 145.2 |



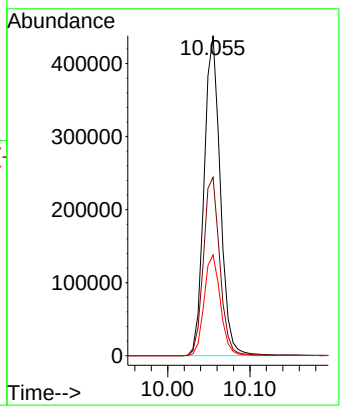


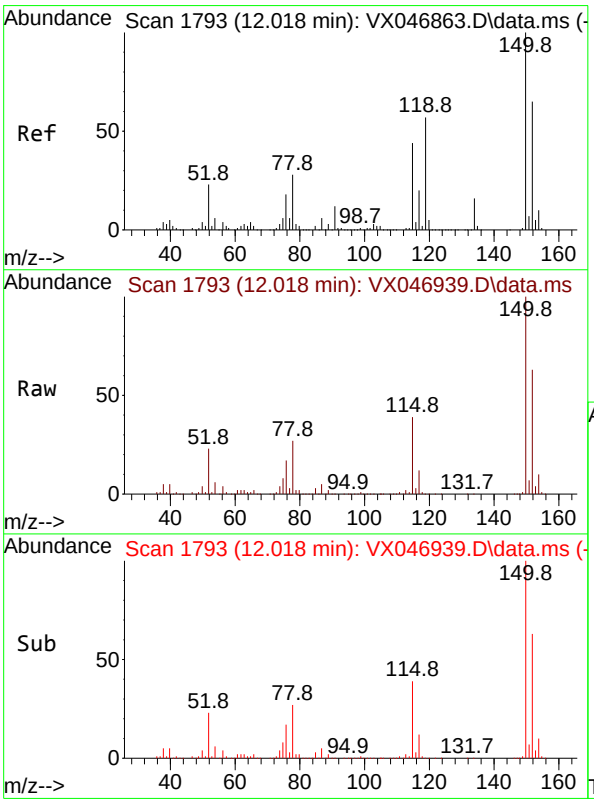

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Tgt Ion:117 Resp: 599480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.7 | 43.3 | 64.9 |
| 119 | 31.5 | 26.4 | 39.6 |

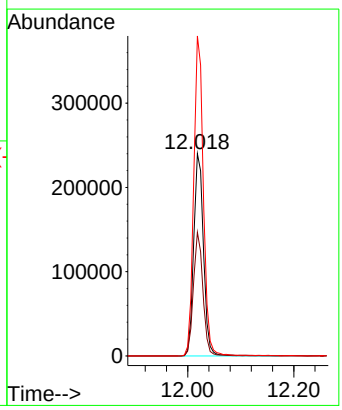



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046939.D
Acq: 10 Jul 2025 13:18

Tgt Ion:152 Resp: 308124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.5 | 42.4 | 127.1 |
| 150 | 155.2 | 0.0 | 349.2 |



Sample Results: **VX046939.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046939.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.397 | 696 | 707 | 724 | rBV3 | 222024 | 693288 | 33.34% | 6.193% |
| 2 | 5.562 | 724 | 734 | 757 | rVB | 348588 | 1066807 | 51.31% | 9.530% |
| 3 | 5.964 | 790 | 800 | 820 | rBV | 247520 | 707091 | 34.01% | 6.317% |
| 4 | 6.769 | 923 | 932 | 954 | rBV | 580571 | 1504025 | 72.34% | 13.436% |
| 5 | 8.653 | 1234 | 1241 | 1259 | rBV | 1244985 | 2079239 | 100.00% | 18.574% |
| 6 | 10.055 | 1465 | 1471 | 1486 | rBV | 1330040 | 1855743 | 89.25% | 16.578% |
| 7 | 11.079 | 1634 | 1639 | 1652 | rBV | 1108575 | 1422318 | 68.41% | 12.706% |
| 8 | 12.018 | 1788 | 1793 | 1807 | rBV | 1489096 | 1865612 | 89.73% | 16.666% |

Sum of corrected areas: 11194123

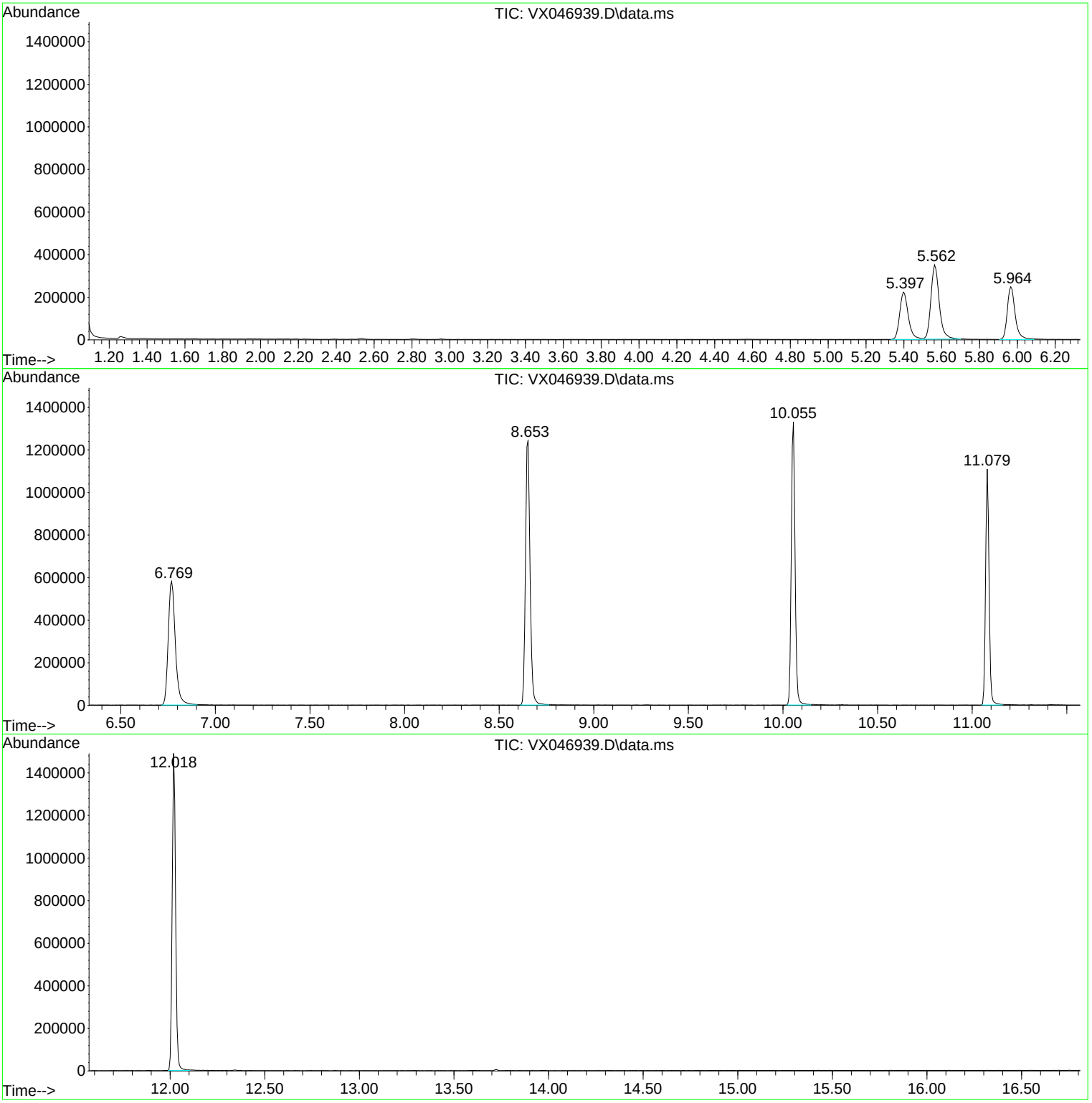
Sample Results: **VX046939.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046939.D
Acq On : 10 Jul 2025 13:18
Operator : JC/MD
Sample : Q2553-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

# CALIBRATION SUMMARY

Raw Data

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

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.445 | 0.433 | 0.512 | 0.487 | 0.503 | 0.490 | 0.478 | 6.7 |
| Chloromethane | 0.505 | 0.507 | 0.541 | 0.508 | 0.543 | 0.530 | 0.522 | 3.4 |
| Vinyl Chloride | 0.568 | 0.549 | 0.591 | 0.550 | 0.589 | 0.566 | 0.569 | 3.2 |
| Bromomethane | | 0.402 | 0.402 | 0.360 | 0.369 | 0.295 | 0.366 | 12 |
| Chloroethane | 0.443 | 0.365 | 0.383 | 0.347 | 0.362 | 0.354 | 0.376 | 9.4 |
| Trichlorofluoromethane | 0.847 | 0.874 | 0.921 | 0.857 | 0.893 | 0.885 | 0.880 | 3 |
| 1,1,2-Trichlorotrifluoroethane | 0.527 | 0.571 | 0.583 | 0.548 | 0.572 | 0.562 | 0.561 | 3.6 |
| 1,1-Dichloroethene | 0.543 | 0.555 | 0.546 | 0.524 | 0.546 | 0.540 | 0.542 | 1.9 |
| Acetone | 0.236 | 0.210 | 0.195 | 0.193 | 0.197 | 0.200 | 0.205 | 7.9 |
| Carbon Disulfide | 1.585 | 1.425 | 1.405 | 1.342 | 1.398 | 1.376 | 1.422 | 6 |
| Methyl tert-butyl Ether | 1.447 | 1.470 | 1.540 | 1.528 | 1.587 | 1.615 | 1.531 | 4.2 |
| Methyl Acetate | 0.488 | 0.474 | 0.560 | 0.553 | 0.570 | 0.599 | 0.541 | 9.1 |
| Methylene Chloride | 0.623 | 0.625 | 0.624 | 0.585 | 0.596 | 0.588 | 0.607 | 3.1 |
| trans-1,2-Dichloroethene | 0.552 | 0.564 | 0.575 | 0.541 | 0.551 | 0.545 | 0.555 | 2.3 |
| 1,1-Dichloroethane | 1.080 | 1.084 | 1.074 | 1.039 | 1.055 | 1.050 | 1.064 | 1.7 |
| Cyclohexane | | 0.973 | 0.977 | 0.918 | 0.926 | 0.927 | 0.944 | 3 |
| 2-Butanone | 0.260 | 0.270 | 0.275 | 0.275 | 0.276 | 0.286 | 0.274 | 3.1 |
| Carbon Tetrachloride | 0.471 | 0.505 | 0.495 | 0.476 | 0.480 | 0.478 | 0.484 | 2.7 |
| cis-1,2-Dichloroethene | 0.711 | 0.669 | 0.688 | 0.660 | 0.670 | 0.666 | 0.677 | 2.8 |
| Bromochloromethane | 0.529 | 0.543 | 0.524 | 0.528 | 0.516 | 0.508 | 0.525 | 2.3 |
| Chloroform | 1.150 | 1.106 | 1.112 | 1.048 | 1.052 | 1.050 | 1.087 | 3.9 |
| 1,1,1-Trichloroethane | 0.944 | 0.897 | 0.908 | 0.886 | 0.901 | 0.910 | 0.908 | 2.2 |
| Methylcyclohexane | 0.539 | 0.588 | 0.589 | 0.567 | 0.578 | 0.576 | 0.573 | 3.2 |
| Benzene | 1.391 | 1.445 | 1.452 | 1.356 | 1.342 | 1.324 | 1.385 | 3.9 |
| 1,2-Dichloroethane | 0.499 | 0.477 | 0.487 | 0.460 | 0.453 | 0.446 | 0.470 | 4.4 |
| Trichloroethene | 0.386 | 0.377 | 0.365 | 0.344 | 0.347 | 0.344 | 0.361 | 5 |
| 1,2-Dichloropropane | 0.364 | 0.340 | 0.362 | 0.346 | 0.345 | 0.342 | 0.350 | 3 |
| Bromodichloromethane | 0.538 | 0.508 | 0.535 | 0.510 | 0.508 | 0.507 | 0.518 | 2.9 |
| 4-Methyl-2-Pentanone | 0.330 | 0.340 | 0.368 | 0.366 | 0.353 | 0.357 | 0.353 | 4.3 |
| Toluene | 0.855 | 0.894 | 0.906 | 0.841 | 0.831 | 0.823 | 0.858 | 3.9 |

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

Raw Data

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

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| t-1,3-Dichloropropene | 0.408 | 0.431 | 0.467 | 0.472 | 0.490 | 0.504 | 0.462 | 7.8 |
| cis-1,3-Dichloropropene | 0.496 | 0.499 | 0.532 | 0.533 | 0.549 | 0.554 | 0.527 | 4.7 |
| 1,1,2-Trichloroethane | 0.325 | 0.329 | 0.328 | 0.318 | 0.310 | 0.308 | 0.320 | 2.8 |
| 2-Hexanone | 0.205 | 0.227 | 0.245 | 0.247 | 0.238 | 0.242 | 0.234 | 6.8 |
| Dibromochloromethane | 0.383 | 0.390 | 0.393 | 0.377 | 0.376 | 0.377 | 0.383 | 1.9 |
| 1,2-Dibromoethane | 0.323 | 0.317 | 0.332 | 0.320 | 0.317 | 0.317 | 0.321 | 1.8 |
| Tetrachloroethene | 0.353 | 0.346 | 0.345 | 0.315 | 0.320 | 0.318 | 0.333 | 5.1 |
| Chlorobenzene | 1.111 | 1.117 | 1.113 | 1.049 | 1.051 | 1.045 | 1.081 | 3.3 |
| Ethyl Benzene | 1.810 | 1.868 | 1.929 | 1.830 | 1.846 | 1.824 | 1.851 | 2.3 |
| m/p-Xylenes | 0.702 | 0.710 | 0.731 | 0.688 | 0.683 | 0.672 | 0.698 | 3.1 |
| o-Xylene | 0.676 | 0.677 | 0.703 | 0.665 | 0.663 | 0.660 | 0.674 | 2.4 |
| Styrene | 1.070 | 1.152 | 1.228 | 1.175 | 1.157 | 1.134 | 1.153 | 4.5 |
| Bromoform | 0.269 | 0.261 | 0.273 | 0.269 | 0.275 | 0.275 | 0.270 | 1.9 |
| Isopropylbenzene | 3.267 | 3.428 | 3.611 | 3.601 | 3.592 | 3.590 | 3.515 | 4 |
| 1,1,2,2-Tetrachloroethane | 1.000 | 0.948 | 0.981 | 0.963 | 0.939 | 0.968 | 0.966 | 2.3 |
| 1,3-Dichlorobenzene | 1.615 | 1.664 | 1.673 | 1.627 | 1.625 | 1.619 | 1.637 | 1.5 |
| 1,4-Dichlorobenzene | 1.852 | 1.776 | 1.711 | 1.632 | 1.622 | 1.632 | 1.704 | 5.5 |
| 1,2-Dichlorobenzene | 1.626 | 1.592 | 1.625 | 1.568 | 1.560 | 1.550 | 1.587 | 2.1 |
| 1,2-Dibromo-3-Chloropropane | 0.158 | 0.151 | 0.164 | 0.171 | 0.178 | 0.192 | 0.169 | 8.7 |
| 1,2,4-Trichlorobenzene | 1.016 | 1.020 | 1.078 | 1.087 | 1.121 | 1.145 | 1.078 | 4.9 |
| 1,2,3-Trichlorobenzene | 0.900 | 0.965 | 1.033 | 1.045 | 1.069 | 1.099 | 1.019 | 7.2 |
| 1,2-Dichloroethane-d4 | | 0.722 | 0.652 | 0.647 | 0.641 | 0.640 | 0.661 | 5.3 |
| Dibromofluoromethane | | 0.355 | 0.346 | 0.339 | 0.332 | 0.325 | 0.339 | 3.5 |
| Toluene-d8 | | 1.278 | 1.220 | 1.195 | 1.160 | 1.135 | 1.197 | 4.6 |
| 4-Bromofluorobenzene | | 0.493 | 0.469 | 0.455 | 0.433 | 0.426 | 0.455 | 6 |

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

# Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025
Response Via : Initial Calibration

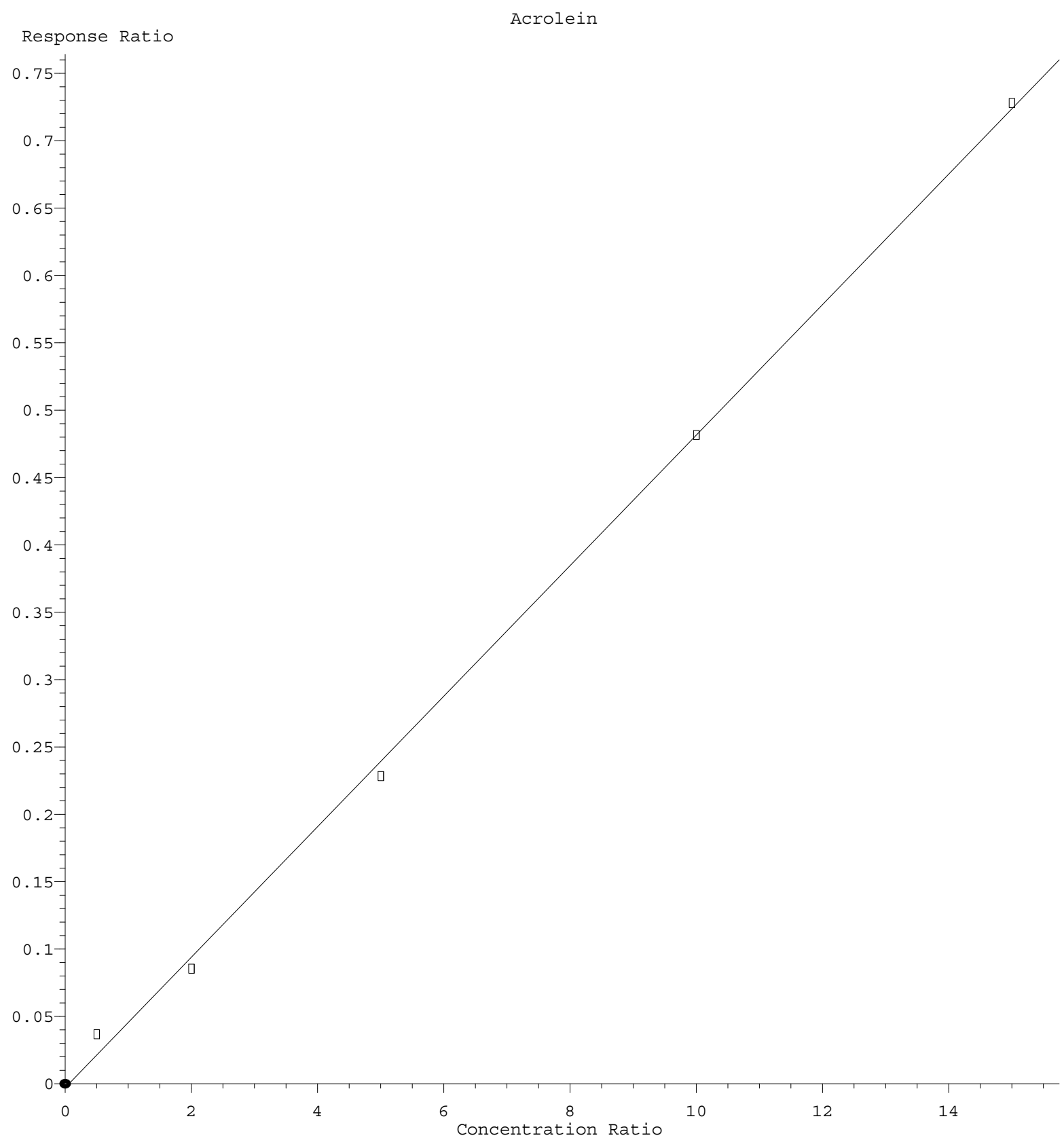
Calibration Files
1 =VX046860.D 5 =VX046861.D 20 =VX046862.D 50 =VX046863.D 100 =VX046864.D 150 =VX046865.D

| | | Compound | 1 | 5 | 20 | 50 | 100 | 150 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | Pentafluorobenzene | ----------ISTD---------- | | | | | | | |
| 2) | T | Dichlorodifluo... | 0.445 | 0.433 | 0.512 | 0.487 | 0.503 | 0.490 | 0.478 | 6.67 |
| 3) | P | Chloromethane | 0.505 | 0.507 | 0.541 | 0.508 | 0.543 | 0.530 | 0.522 | 3.38 |
| 4) | C | Vinyl Chloride | 0.568 | 0.549 | 0.591 | 0.550 | 0.589 | 0.566 | 0.569 | 3.19# |
| 5) | T | Bromomethane | | 0.402 | 0.402 | 0.360 | 0.369 | 0.295 | 0.366 | 12.04 |
| 6) | T | Chloroethane | 0.443 | 0.365 | 0.383 | 0.347 | 0.362 | 0.354 | 0.376 | 9.38 |
| 7) | T | Trichlorofluor... | 0.847 | 0.874 | 0.921 | 0.857 | 0.893 | 0.885 | 0.880 | 3.02 |
| 8) | T | Diethyl Ether | 0.315 | 0.308 | 0.316 | 0.304 | 0.317 | 0.317 | 0.313 | 1.78 |
| 9) | T | 1,1,2-Trichlor... | 0.527 | 0.571 | 0.583 | 0.548 | 0.572 | 0.562 | 0.561 | 3.58 |
| 10) | T | Methyl Iodide | | 0.465 | 0.581 | 0.631 | 0.681 | 0.696 | 0.611 | 15.27 |
| 11) | T | Tert butyl alc... | | 0.044 | 0.042 | 0.042 | 0.043 | 0.045 | 0.043 | 3.54 |
| 12) | CM | 1,1-Dichloroet... | 0.543 | 0.555 | 0.546 | 0.524 | 0.546 | 0.540 | 0.542 | 1.85# |
| 13) | T | Acrolein | | 0.074 | 0.043 | 0.046 | 0.048 | 0.049 | 0.052 | 24.05 |
| 14) | T | Allyl chloride | 0.975 | 0.939 | 0.963 | 0.943 | 0.988 | 0.983 | 0.965 | 2.12 |
| 15) | T | Acrylonitrile | 0.266 | 0.238 | 0.249 | 0.246 | 0.250 | 0.254 | 0.250 | 3.81 |
| 16) | T | Acetone | 0.236 | 0.210 | 0.195 | 0.193 | 0.197 | 0.200 | 0.205 | 7.90 |
| 17) | T | Carbon Disulfide | 1.585 | 1.425 | 1.405 | 1.342 | 1.398 | 1.376 | 1.422 | 5.98 |
| 18) | T | Methyl Acetate | 0.488 | 0.474 | 0.560 | 0.553 | 0.570 | 0.599 | 0.541 | 9.08 |
| 19) | T | Methyl tert-bu... | 1.447 | 1.470 | 1.540 | 1.528 | 1.587 | 1.615 | 1.531 | 4.25 |
| 20) | T | Methylene Chlo... | 0.623 | 0.625 | 0.624 | 0.585 | 0.596 | 0.588 | 0.607 | 3.14 |
| 21) | T | trans-1,2-Dich... | 0.552 | 0.564 | 0.575 | 0.541 | 0.551 | 0.545 | 0.555 | 2.31 |
| 22) | T | Diisopropyl ether | 1.666 | 1.831 | 1.967 | 1.905 | 1.927 | 1.893 | 1.865 | 5.75 |
| 23) | T | Vinyl Acetate | 1.255 | 1.341 | 1.423 | 1.423 | 1.465 | 1.475 | 1.397 | 6.02 |
| 24) | P | 1,1-Dichloroet... | 1.080 | 1.084 | 1.074 | 1.039 | 1.055 | 1.050 | 1.064 | 1.71 |
| 25) | T | 2-Butanone | 0.260 | 0.270 | 0.275 | 0.275 | 0.276 | 0.286 | 0.274 | 3.07 |
| 26) | T | 2,2-Dichloropr... | 0.832 | 0.746 | 0.782 | 0.761 | 0.802 | 0.826 | 0.792 | 4.38 |
| 27) | T | cis-1,2-Dichlo... | 0.711 | 0.669 | 0.688 | 0.660 | 0.670 | 0.666 | 0.677 | 2.78 |
| 28) | T | Bromochloromet... | 0.529 | 0.543 | 0.524 | 0.528 | 0.516 | 0.508 | 0.525 | 2.29 |
| 29) | T | Tetrahydrofuran | 0.175 | 0.162 | 0.174 | 0.175 | 0.178 | 0.183 | 0.175 | 4.02 |
| 30) | C | Chloroform | 1.150 | 1.106 | 1.112 | 1.048 | 1.052 | 1.050 | 1.087 | 3.93# |
| 31) | T | Cyclohexane | | 0.973 | 0.977 | 0.918 | 0.926 | 0.927 | 0.944 | 3.00 |
| 32) | T | 1,1,1-Trichlor... | 0.944 | 0.897 | 0.908 | 0.886 | 0.901 | 0.910 | 0.908 | 2.17 |
| 33) | S | 1,2-Dichloroet... | | 0.722 | 0.652 | 0.647 | 0.641 | 0.640 | 0.661 | 5.29 |
| 34) | I | 1,4-Difluorobenzene | ----------ISTD---------- | | | | | | | |
| 35) | S | Dibromofluorom... | | 0.355 | 0.346 | 0.339 | 0.332 | 0.325 | 0.339 | 3.47 |
| 36) | T | 1,1-Dichloropr... | 0.499 | 0.477 | 0.461 | 0.439 | 0.434 | 0.437 | 0.458 | 5.71 |
| 37) | T | Ethyl Acetate | 0.506 | 0.376 | 0.371 | 0.360 | 0.355 | 0.373 | 0.390 | 14.73 |
| 38) | T | Carbon Tetrach... | 0.471 | 0.505 | 0.495 | 0.476 | 0.480 | 0.478 | 0.484 | 2.73 |
| 39) | T | Methylcyclohexane | 0.539 | 0.588 | 0.589 | 0.567 | 0.578 | 0.576 | 0.573 | 3.20 |
| 40) | TM | Benzene | 1.391 | 1.445 | 1.452 | 1.356 | 1.342 | 1.324 | 1.385 | 3.88 |
| 41) | T | Methacrylonitrile | 0.175 | 0.196 | 0.222 | 0.213 | 0.221 | 0.222 | 0.208 | 9.12 |
| 42) | TM | 1,2-Dichloroet... | 0.499 | 0.477 | 0.487 | 0.460 | 0.453 | 0.446 | 0.470 | 4.39 |
| 43) | T | Isopropyl Acetate | 0.508 | 0.562 | 0.613 | 0.618 | 0.630 | 0.652 | 0.597 | 8.82 |
| 44) | TM | Trichloroethene | 0.386 | 0.377 | 0.365 | 0.344 | 0.347 | 0.344 | 0.361 | 5.02 |
| 45) | C | 1,2-Dichloropr... | 0.364 | 0.340 | 0.362 | 0.346 | 0.345 | 0.342 | 0.350 | 3.03# |
| 46) | T | Dibromomethane | 0.247 | 0.246 | 0.250 | 0.240 | 0.236 | 0.237 | 0.242 | 2.35 |
| 47) | T | Bromodichlorom... | 0.538 | 0.508 | 0.535 | 0.510 | 0.508 | 0.507 | 0.518 | 2.87 |
| 48) | T | Methyl methacr... | 0.257 | 0.294 | 0.307 | 0.322 | 0.329 | 0.343 | 0.308 | 9.89 |
| 49) | T | 1,4-Dioxane | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 2.38 |
| 50) | S | Toluene-d8 | | 1.278 | 1.220 | 1.195 | 1.160 | 1.135 | 1.197 | 4.60 |
| 51) | T | 4-Methyl-2-Pen... | 0.330 | 0.340 | 0.368 | 0.366 | 0.353 | 0.357 | 0.353 | 4.26 |
| 52) | CM | Toluene | 0.855 | 0.894 | 0.906 | 0.841 | 0.831 | 0.823 | 0.858 | 3.95# |
| 53) | T | t-1,3-Dichloro... | 0.408 | 0.431 | 0.467 | 0.472 | 0.490 | 0.504 | 0.462 | 7.81 |
| 54) | T | cis-1,3-Dichlo... | 0.496 | 0.499 | 0.532 | 0.533 | 0.549 | 0.554 | 0.527 | 4.71 |
| 55) | T | 1,1,2-Trichlor... | 0.325 | 0.329 | 0.328 | 0.318 | 0.310 | 0.308 | 0.320 | 2.82 |
| 56) | T | Ethyl methacry... | 0.390 | 0.409 | 0.447 | 0.459 | 0.468 | 0.482 | 0.442 | 8.13 |

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X070225W.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 57) | T | 1,3-Dichloropr... | 0.567 | 0.567 | 0.572 | 0.541 | 0.528 | 0.527 | 0.550 | 3.76 |
| 58) | T | 2-Chloroethyl ... | 0.217 | 0.235 | 0.258 | 0.267 | 0.260 | 0.259 | 0.249 | 7.69 |
| 59) | T | 2-Hexanone | 0.205 | 0.227 | 0.245 | 0.247 | 0.238 | 0.242 | 0.234 | 6.83 |
| 60) | T | Dibromochlorom... | 0.383 | 0.390 | 0.393 | 0.377 | 0.376 | 0.377 | 0.383 | 1.94 |
| 61) | T | 1,2-Dibromoethane | 0.323 | 0.317 | 0.332 | 0.320 | 0.317 | 0.317 | 0.321 | 1.82 |
| 62) | S | 4-Bromofluorob... | | 0.493 | 0.469 | 0.455 | 0.433 | 0.426 | 0.455 | 5.97 |
| 63) | I | Chlorobenzene-d5 | ----------ISTD---------- | | | | | | | |
| 64) | T | Tetrachloroethene | 0.353 | 0.346 | 0.345 | 0.315 | 0.320 | 0.318 | 0.333 | 5.13 |
| 65) | PM | Chlorobenzene | 1.111 | 1.117 | 1.113 | 1.049 | 1.051 | 1.045 | 1.081 | 3.32 |
| 66) | T | 1,1,1,2-Tetrac... | 0.366 | 0.347 | 0.377 | 0.359 | 0.366 | 0.367 | 0.363 | 2.75 |
| 67) | C | Ethyl Benzene | 1.810 | 1.868 | 1.929 | 1.830 | 1.846 | 1.824 | 1.851 | 2.32# |
| 68) | T | m/p-Xylenes | 0.702 | 0.710 | 0.731 | 0.688 | 0.683 | 0.672 | 0.698 | 3.05 |
| 69) | T | o-Xylene | 0.676 | 0.677 | 0.703 | 0.665 | 0.663 | 0.660 | 0.674 | 2.36 |
| 70) | T | Styrene | 1.070 | 1.152 | 1.228 | 1.175 | 1.157 | 1.134 | 1.153 | 4.50 |
| 71) | P | Bromoform | 0.269 | 0.261 | 0.273 | 0.269 | 0.275 | 0.275 | 0.270 | 1.94 |
| 72) | I | 1,4-Dichlorobenzen... | ----------ISTD---------- | | | | | | | |
| 73) | T | Isopropylbenzene | 3.267 | 3.428 | 3.611 | 3.601 | 3.592 | 3.590 | 3.515 | 3.97 |
| 74) | T | N-amyl acetate | 0.953 | 1.079 | 1.194 | 1.270 | 1.303 | 1.367 | 1.194 | 12.93 |
| 75) | P | 1,1,2,2-Tetrac... | 1.000 | 0.948 | 0.981 | 0.963 | 0.939 | 0.968 | 0.966 | 2.26 |
| 76) | T | 1,2,3-Trichlor... | 0.781 | 0.720 | 0.770 | 0.787 | 0.791 | 0.787 | 0.773 | 3.46 |
| 77) | T | Bromobenzene | 0.868 | 0.890 | 0.876 | 0.876 | 0.870 | 0.872 | 0.875 | 0.89 |
| 78) | T | n-propylbenzene | 4.048 | 4.223 | 4.362 | 4.293 | 4.271 | 4.233 | 4.238 | 2.50 |
| 79) | T | 2-Chlorotoluene | 2.441 | 2.523 | 2.596 | 2.482 | 2.498 | 2.474 | 2.503 | 2.13 |
| 80) | T | 1,3,5-Trimethy... | 2.574 | 2.780 | 3.014 | 2.924 | 2.947 | 2.896 | 2.856 | 5.54 |
| 81) | T | trans-1,4-Dich... | | 0.236 | 0.267 | 0.292 | 0.312 | 0.333 | 0.288 | 13.09 |
| 82) | T | 4-Chlorotoluene | 2.755 | 2.916 | 2.982 | 2.915 | 2.899 | 2.859 | 2.888 | 2.64 |
| 83) | T | tert-Butylbenzene | 2.733 | 2.876 | 3.036 | 3.020 | 3.031 | 3.002 | 2.950 | 4.13 |
| 84) | T | 1,2,4-Trimethy... | 2.615 | 2.872 | 3.017 | 2.949 | 2.930 | 2.937 | 2.887 | 4.88 |
| 85) | T | sec-Butylbenzene | 3.475 | 3.721 | 3.852 | 3.782 | 3.766 | 3.719 | 3.719 | 3.47 |
| 86) | T | p-Isopropyltol... | 2.948 | 3.159 | 3.181 | 3.162 | 3.160 | 3.077 | 3.114 | 2.87 |
| 87) | T | 1,3-Dichlorobe... | 1.615 | 1.664 | 1.673 | 1.627 | 1.625 | 1.619 | 1.637 | 1.50 |
| 88) | T | 1,4-Dichlorobe... | 1.852 | 1.776 | 1.711 | 1.632 | 1.622 | 1.632 | 1.704 | 5.52 |
| 89) | T | n-Butylbenzene | 2.747 | 2.891 | 3.036 | 2.987 | 2.983 | 2.914 | 2.926 | 3.51 |
| 90) | T | Hexachloroethane | 0.530 | 0.523 | 0.537 | 0.554 | 0.581 | 0.589 | 0.552 | 4.95 |
| 91) | T | 1,2-Dichlorobe... | 1.626 | 1.592 | 1.625 | 1.568 | 1.560 | 1.550 | 1.587 | 2.07 |
| 92) | T | 1,2-Dibromo-3-... | 0.158 | 0.151 | 0.164 | 0.171 | 0.178 | 0.192 | 0.169 | 8.69 |
| 93) | T | 1,2,4-Trichlor... | 1.016 | 1.020 | 1.078 | 1.087 | 1.121 | 1.145 | 1.078 | 4.86 |
| 94) | T | Hexachlorobuta... | 0.393 | 0.397 | 0.421 | 0.409 | 0.408 | 0.411 | 0.407 | 2.52 |
| 95) | T | Naphthalene | 2.210 | 2.537 | 2.893 | 3.034 | 3.096 | 3.273 | 2.840 | 13.92 |
| 96) | T | 1,2,3-Trichlor... | 0.900 | 0.965 | 1.033 | 1.045 | 1.069 | 1.099 | 1.019 | 7.20 |

(#) = Out of Range




Response = 4.842e-002 * Amt - 2.745e-003
Coef of Det (r^2) = 0.998662  Curve Fit: Linear
Method Name:  Z:\voasrv\HPCHEM1\MSVOA X\Method\82X070225W.M
Calibration Table Last Updated: Thu Jul 03 05:51:11 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 372069 | 50.000 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 622566 | 50.000 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 571866 | 50.000 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 290571 | 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 | 1.185 | 85 | 3309 | 0.930 | ug/l | | 89 |
| 3) Chloromethane | 1.307 | 50 | 3761 | 0.967 | ug/l | | 89 |
| 4) Vinyl Chloride | 1.386 | 62 | 4227 | 0.998 | ug/l | | 99 |
| 6) Chloroethane | 1.703 | 64 | 3296 | 1.179 | ug/l | | 94 |
| 7) Trichlorofluoromethane | 1.910 | 101 | 6304 | 0.963 | ug/l | | 88 |
| 8) Diethyl Ether | 2.148 | 74 | 2346 | 1.007 | ug/l | | 94 |
| 9) 1,1,2-Trichlorotrifluo... | 2.349 | 101 | 3923 | 0.940 | ug/l | | 93 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 4037 | 1.001 | ug/l | | 90 |
| 14) Allyl chloride | 2.678 | 41 | 7259 | 1.011 | ug/l | | 96 |
| 15) Acrylonitrile | 3.081 | 53 | 9914m | 5.298 | ug/l | | |
| 16) Acetone | 2.386 | 43 | 8778 | 5.749 | ug/l | | 89 |
| 17) Carbon Disulfide | 2.532 | 76 | 11797 | 1.115 | ug/l | # | 88 |
| 18) Methyl Acetate | 2.715 | 43 | 3632 | 0.903 | ug/l | | 99 |
| 19) Methyl tert-butyl Ether | 3.123 | 73 | 10768 | 0.945 | ug/l | | 96 |
| 20) Methylene Chloride | 2.800 | 84 | 4636 | 1.027 | ug/l | # | 91 |
| 21) trans-1,2-Dichloroethene | 3.111 | 96 | 4109 | 0.995 | ug/l | | 92 |
| 22) Diisopropyl ether | 3.776 | 45 | 12396 | 0.893 | ug/l | # | 56 |
| 23) Vinyl Acetate | 3.739 | 43 | 46702 | 4.492 | ug/l | | 97 |
| 24) 1,1-Dichloroethane | 3.623 | 63 | 8033 | 1.015 | ug/l | | 98 |
| 25) 2-Butanone | 4.599 | 43 | 9681m | 4.752 | ug/l | | |
| 26) 2,2-Dichloropropane | 4.483 | 77 | 6192 | 1.051 | ug/l | | 93 |
| 27) cis-1,2-Dichloroethene | 4.501 | 96 | 5289 | 1.049 | ug/l | | 98 |
| 28) Bromochloromethane | 4.910 | 49 | 3938 | 1.008 | ug/l | # | 95 |
| 29) Tetrahydrofuran | 5.025 | 42 | 6512 | 5.015 | ug/l | # | 62 |
| 30) Chloroform | 5.111 | 83 | 8561 | 1.059 | ug/l | # | 80 |
| 32) 1,1,1-Trichloroethane | 5.391 | 97 | 7025 | 1.040 | ug/l | # | 49 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 6211 | 1.089 | ug/l | | 91 |
| 37) Ethyl Acetate | 4.763 | 43 | 6302m | 1.298 | ug/l | | |
| 38) Carbon Tetrachloride | 5.690 | 117 | 5859m | 0.959 | ug/l | | |
| 39) Methylcyclohexane | 7.385 | 83 | 6714 | 0.941 | ug/l | | 86 |
| 40) Benzene | 6.050 | 78 | 17315 | 1.004 | ug/l | # | 87 |
| 41) Methacrylonitrile | 4.958 | 41 | 2181m | 0.842 | ug/l | | |
| 42) 1,2-Dichloroethane | 6.104 | 62 | 6218 | 1.062 | ug/l | | 88 |
| 43) Isopropyl Acetate | 6.354 | 43 | 6331 | 0.851 | ug/l | # | 79 |
| 44) Trichloroethene | 7.135 | 130 | 4807 | 1.071 | ug/l | | 94 |
| 45) 1,2-Dichloropropane | 7.446 | 63 | 4536 | 1.041 | ug/l | # | 77 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 46) Dibromomethane | 7.592 | 93 | 3072 | 1.018 | ug/l | | 96 |
| 47) Bromodichloromethane | 7.830 | 83 | 6705 | 1.040 | ug/l | | 91 |
| 48) Methyl methacrylate | 7.714 | 41 | 3198 | 0.833 | ug/l | # | 54 |
| 49) 1,4-Dioxane | 7.683 | 88 | 860m | 19.325 | ug/l | | |
| 51) 4-Methyl-2-Pentanone | 8.580 | 43 | 20561 | 4.684 | ug/l | | 97 |
| 52) Toluene | 8.726 | 92 | 10648 | 0.996 | ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 8.994 | 75 | 5080 | 0.883 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 8.372 | 75 | 6171 | 0.940 | ug/l | # | 47 |
| 55) 1,1,2-Trichloroethane | 9.159 | 97 | 4046 | 1.016 | ug/l | # | 84 |
| 56) Ethyl methacrylate | 9.122 | 69 | 4850 | 0.880 | ug/l | | 95 |
| 57) 1,3-Dichloropropane | 9.311 | 76 | 7057 | 1.030 | ug/l | | 94 |
| 58) 2-Chloroethyl Vinyl ether | 8.250 | 63 | 13509 | 4.352 | ug/l | | 100 |
| 59) 2-Hexanone | 9.439 | 43 | 12742 | 4.376 | ug/l | | 94 |
| 60) Dibromochloromethane | 9.519 | 129 | 4772 | 1.002 | ug/l | | 95 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 4026 | 1.007 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.275 | 164 | 4039 | 1.061 | ug/l | # | 86 |
| 65) Chlorobenzene | 10.079 | 112 | 12712 | 1.028 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131 | 4188 | 1.008 | ug/l | # | 65 |
| 67) Ethyl Benzene | 10.195 | 91 | 20707 | 0.978 | ug/l | | 96 |
| 68) m/p-Xylenes | 10.305 | 106 | 16047 | 2.011 | ug/l | | 91 |
| 69) o-Xylene | 10.640 | 106 | 7726 | 1.002 | ug/l | | 95 |
| 70) Styrene | 10.659 | 104 | 12236 | 0.928 | ug/l | | 98 |
| 71) Bromoform | 10.805 | 173 | 3071 | 0.994 | ug/l | # | 97 |
| 73) Isopropylbenzene | 10.963 | 105 | 18985 | 0.929 | ug/l | | 100 |
| 74) N-amyl acetate | 10.848 | 43 | 5537 | 0.798 | ug/l | # | 91 |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83 | 5809 | 1.034 | ug/l | | 94 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 4536m | 1.010 | ug/l | | |
| 77) Bromobenzene | 11.201 | 156 | 5045 | 0.992 | ug/l | | 96 |
| 78) n-propylbenzene | 11.305 | 91 | 23522 | 0.955 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.366 | 91 | 14185 | 0.975 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 14958 | 0.901 | ug/l | | 100 |
| 82) 4-Chlorotoluene | 11.457 | 91 | 16012 | 0.954 | ug/l | | 97 |
| 83) tert-Butylbenzene | 11.713 | 119 | 15883 | 0.927 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 15197 | 0.906 | ug/l | | 96 |
| 85) sec-Butylbenzene | 11.890 | 105 | 20193 | 0.934 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 17131 | 0.946 | ug/l | | 93 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 9388 | 0.987 | ug/l | | 97 |
| 88) 1,4-Dichlorobenzene | 12.036 | 146 | 10764m | 1.087 | ug/l | | |
| 89) n-Butylbenzene | 12.335 | 91 | 15963 | 0.939 | ug/l | | 99 |
| 90) Hexachloroethane | 12.536 | 117 | 3079 | 0.960 | ug/l | | 91 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 9448 | 1.025 | ug/l | | 97 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75 | 920 | 0.937 | ug/l | | 95 |
| 93) 1,2,4-Trichlorobenzene | 13.591 | 180 | 5904 | 0.942 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 2281 | 0.966 | ug/l | | 87 |
| 95) Naphthalene | 13.780 | 128 | 12846 | 0.778 | ug/l | | 98 |
| 96) 1,2,3-Trichlorobenzene | 13.963 | 180 | 5231 | 0.884 | ug/l | | 95 |

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

ICAL Form

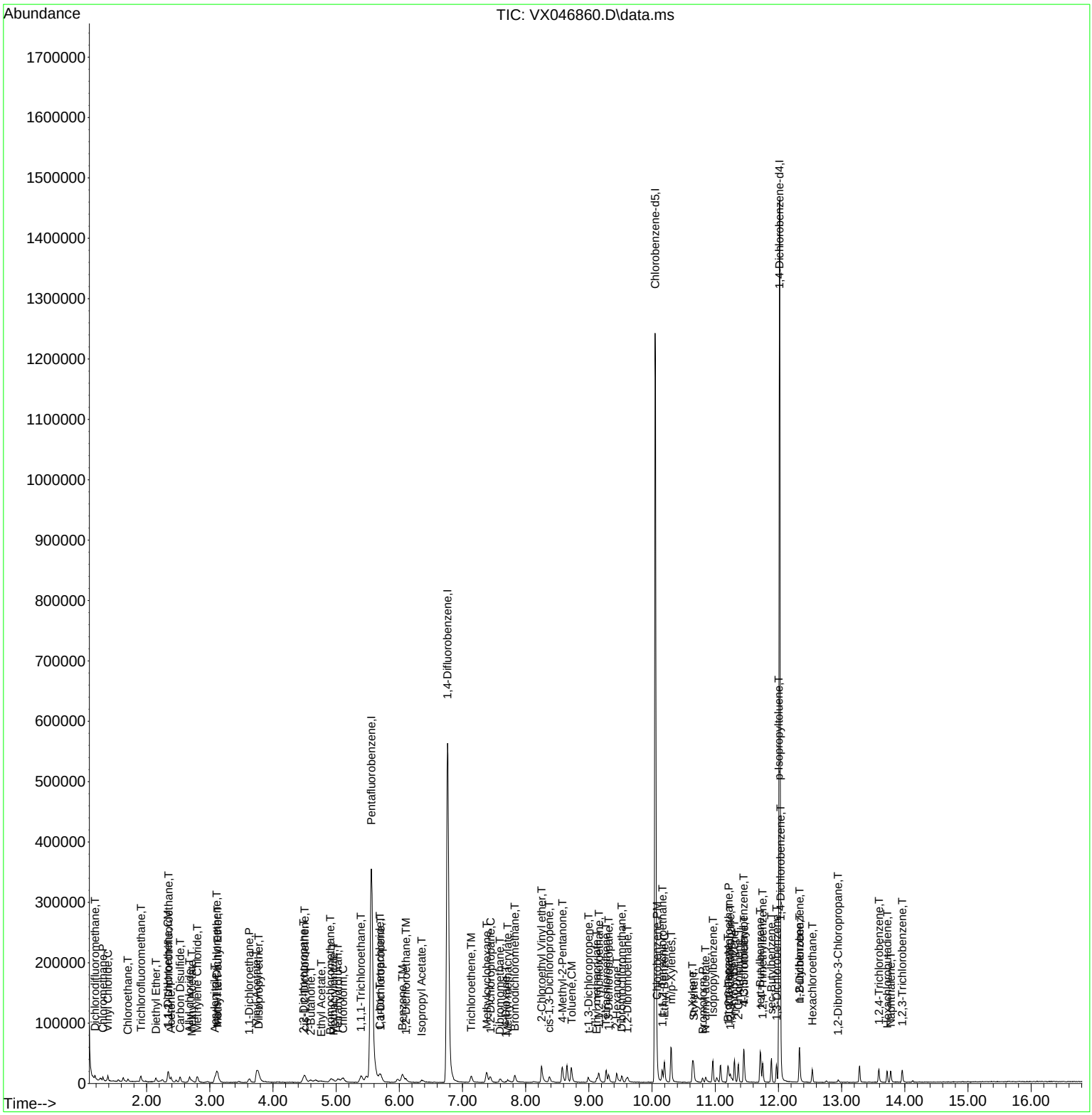
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 396691 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 652365 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 592225 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 309407 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 28658 | 5.468 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 10.940%# | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 23179 | 5.234 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 10.460%# | | |
| 50) Toluene-d8 | 8.647 | 98 | 83349 | 5.335 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 10.660%# | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 32156 | 5.415 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 10.840%# | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.178 | 85 | 17184 | 4.530 | ug/l | 99 |
| 3) Chloromethane | 1.306 | 50 | 20130 | 4.857 | ug/l | 95 |
| 4) Vinyl Chloride | 1.386 | 62 | 21789 | 4.827 | ug/l | 99 |
| 5) Bromomethane | 1.623 | 94 | 15966 | 5.505 | ug/l | 93 |
| 6) Chloroethane | 1.703 | 64 | 14497 | 4.864 | ug/l | 97 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 34689 | 4.970 | ug/l | 98 |
| 8) Diethyl Ether | 2.148 | 74 | 12204 | 4.914 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 22655 | 5.094 | ug/l | 98 |
| 10) Methyl Iodide | 2.465 | 142 | 18441 | 3.806 | ug/l | 95 |
| 11) Tert butyl alcohol | 2.952 | 59 | 8771 | 25.519 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 22008 | 5.116 | ug/l | 100 |
| 13) Acrolein | 2.245 | 56 | 14598 | 40.835 | ug/l | 98 |
| 14) Allyl chloride | 2.678 | 41 | 37266 | 4.866 | ug/l | 95 |
| 15) Acrylonitrile | 3.074 | 53 | 47130 | 23.621 | ug/l | 100 |
| 16) Acetone | 2.385 | 43 | 41693 | 25.612 | ug/l | 94 |
| 17) Carbon Disulfide | 2.526 | 76 | 56543 | 5.012 | ug/l | 98 |
| 18) Methyl Acetate | 2.715 | 43 | 18796 | 4.381 | ug/l | 92 |
| 19) Methyl tert-butyl Ether | 3.123 | 73 | 58304 | 4.800 | ug/l | 96 |
| 20) Methylene Chloride | 2.800 | 84 | 24790 | 5.150 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 22385 | 5.086 | ug/l | 98 |
| 22) Diisopropyl ether | 3.763 | 45 | 72646 | 4.910 | ug/l # | 74 |
| 23) Vinyl Acetate | 3.733 | 43 | 265941 | 23.992 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.617 | 63 | 42994 | 5.095 | ug/l | 97 |
| 25) 2-Butanone | 4.568 | 43 | 53597 | 24.678 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.483 | 77 | 29599 | 4.713 | ug/l | 79 |
| 27) cis-1,2-Dichloroethene | 4.501 | 96 | 26549 | 4.940 | ug/l | 96 |
| 28) Bromochloromethane | 4.915 | 49 | 21555 | 5.176 | ug/l | 94 |
| 29) Tetrahydrofuran | 5.019 | 42 | 32120 | 23.200 | ug/l | 98 |
| 30) Chloroform | 5.098 | 83 | 43886 | 5.091 | ug/l | 99 |
| 31) Cyclohexane | 5.482 | 56 | 38601 | 5.153 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 5.391 | 97 | 35598 | 4.943 | ug/l | 95 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 31138 | 5.212 | ug/l | 98 |
| 37) Ethyl Acetate | 4.733 | 43 | 24519 | 4.818 | ug/l # | 92 |
| 38) Carbon Tetrachloride | 5.690 | 117 | 32963 | 5.151 | ug/l | 93 |
| 39) Methylcyclohexane | 7.385 | 83 | 38332 | 5.129 | ug/l | 99 |
| 40) Benzene | 6.043 | 78 | 94260 | 5.216 | ug/l | 98 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.934 | 41 | 12777 | 4.707 | ug/l | # | 94 |
| 42) 1,2-Dichloroethane | 6.092 | 62 | 31102 | 5.068 | ug/l | | 98 |
| 43) Isopropyl Acetate | 6.348 | 43 | 36681 | 4.706 | ug/l | | 98 |
| 44) Trichloroethene | 7.128 | 130 | 24587 | 5.227 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.433 | 63 | 22205 | 4.863 | ug/l | | 91 |
| 46) Dibromomethane | 7.586 | 93 | 16018 | 5.063 | ug/l | | 99 |
| 47) Bromodichloromethane | 7.824 | 83 | 33143 | 4.907 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.702 | 41 | 19166 | 4.762 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.671 | 88 | 4647 | 99.650 | ug/l | # | 90 |
| 51) 4-Methyl-2-Pentanone | 8.573 | 43 | 110844 | 24.096 | ug/l | | 100 |
| 52) Toluene | 8.720 | 92 | 58295 | 5.206 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 8.982 | 75 | 28142 | 4.668 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 32562 | 4.732 | ug/l | | 92 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 21431 | 5.138 | ug/l | | 96 |
| 56) Ethyl methacrylate | 9.122 | 69 | 26665 | 4.619 | ug/l | | 97 |
| 57) 1,3-Dichloropropane | 9.311 | 76 | 37000 | 5.152 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.244 | 63 | 76711 | 23.583 | ug/l | | 99 |
| 59) 2-Hexanone | 9.433 | 43 | 73995 | 24.251 | ug/l | | 94 |
| 60) Dibromochloromethane | 9.518 | 129 | 25465 | 5.101 | ug/l | | 96 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 20695 | 4.940 | ug/l | | 98 |
| 64) Tetrachloroethene | 9.274 | 164 | 20514 | 5.203 | ug/l | | 97 |
| 65) Chlorobenzene | 10.079 | 112 | 66148 | 5.166 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.158 | 131 | 20533 | 4.770 | ug/l | | 94 |
| 67) Ethyl Benzene | 10.195 | 91 | 110637 | 5.046 | ug/l | | 97 |
| 68) m/p-Xylenes | 10.299 | 106 | 84083 | 10.176 | ug/l | | 100 |
| 69) o-Xylene | 10.640 | 106 | 40078 | 5.021 | ug/l | | 99 |
| 70) Styrene | 10.652 | 104 | 68250 | 4.998 | ug/l | | 99 |
| 71) Bromoform | 10.799 | 173 | 15461 | 4.831 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.963 | 105 | 106065 | 4.876 | ug/l | | 98 |
| 74) N-amyl acetate | 10.841 | 43 | 33387 | 4.517 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 29333 | 4.905 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 22279m | 4.660 | ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 27534 | 5.082 | ug/l | | 95 |
| 78) n-propylbenzene | 11.298 | 91 | 130658 | 4.982 | ug/l | | 97 |
| 79) 2-Chlorotoluene | 11.359 | 91 | 78075 | 5.042 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 86020 | 4.867 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 7304 | 4.100 | ug/l | # | 81 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 90236 | 5.049 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 88998 | 4.876 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 88868 | 4.975 | ug/l | | 95 |
| 85) sec-Butylbenzene | 11.890 | 105 | 115141 | 5.003 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 97742 | 5.072 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 51500 | 5.083 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.036 | 146 | 54943 | 5.210 | ug/l | | 95 |
| 89) n-Butylbenzene | 12.329 | 91 | 89435 | 4.939 | ug/l | | 97 |
| 90) Hexachloroethane | 12.536 | 117 | 16170 | 4.733 | ug/l | | 94 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 49253 | 5.016 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.938 | 75 | 4675 | 4.469 | ug/l | | 90 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 31558 | 4.731 | ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.719 | 225 | 12292 | 4.886 | ug/l | | 97 |
| 95) Naphthalene | 13.774 | 128 | 78483 | 4.465 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 29854 | 4.737 | ug/l | | 99 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

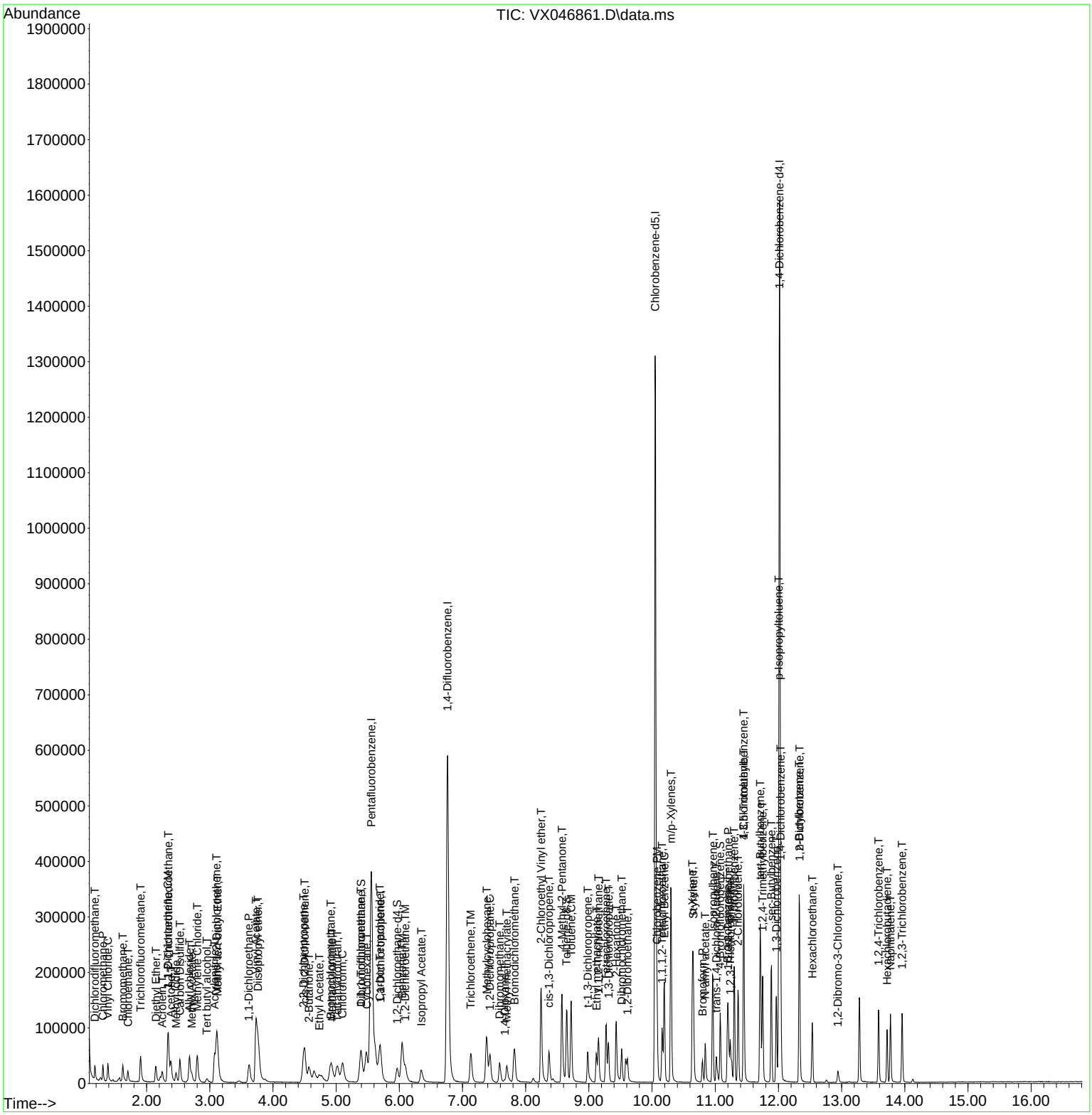
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 399111 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 642908 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 576289 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 296482 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 104091 | 19.742 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 39.480%# | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 88863 | 20.362 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 40.720%# | | |
| 50) Toluene-d8 | 8.647 | 98 | 313624 | 20.369 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 40.740%# | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 120554 | 20.601 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 41.200%# | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.184 | 85 | 81688 | 21.402 | ug/l | 99 |
| 3) Chloromethane | 1.306 | 50 | 86312 | 20.697 | ug/l | 97 |
| 4) Vinyl Chloride | 1.386 | 62 | 94339 | 20.773 | ug/l | 100 |
| 5) Bromomethane | 1.629 | 94 | 64159 | 21.988 | ug/l | 97 |
| 6) Chloroethane | 1.703 | 64 | 61209 | 20.412 | ug/l | 100 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 147045 | 20.941 | ug/l | 98 |
| 8) Diethyl Ether | 2.142 | 74 | 50485 | 20.203 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 93041 | 20.794 | ug/l | 98 |
| 10) Methyl Iodide | 2.465 | 142 | 92753 | 19.028 | ug/l | 100 |
| 11) Tert butyl alcohol | 2.952 | 59 | 33170 | 95.921 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 87106 | 20.127 | ug/l | 99 |
| 13) Acrolein | 2.245 | 56 | 34095 | 91.049 | ug/l | 97 |
| 14) Allyl chloride | 2.678 | 41 | 153719 | 19.950 | ug/l | 99 |
| 15) Acrylonitrile | 3.068 | 53 | 198794 | 99.028 | ug/l | 99 |
| 16) Acetone | 2.379 | 43 | 155869 | 95.170 | ug/l | 98 |
| 17) Carbon Disulfide | 2.526 | 76 | 224317 | 19.764 | ug/l | 98 |
| 18) Methyl Acetate | 2.709 | 43 | 89471 | 20.726 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.117 | 73 | 245776 | 20.110 | ug/l | 100 |
| 20) Methylene Chloride | 2.800 | 84 | 99547 | 20.555 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 91856 | 20.742 | ug/l | 94 |
| 22) Diisopropyl ether | 3.763 | 45 | 314003 | 21.094 | ug/l | 94 |
| 23) Vinyl Acetate | 3.727 | 43 | 1136064 | 101.868 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.617 | 63 | 171529 | 20.204 | ug/l | 100 |
| 25) 2-Butanone | 4.556 | 43 | 219759 | 100.571 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.483 | 77 | 124894 | 19.767 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.495 | 96 | 109844 | 20.316 | ug/l | 99 |
| 28) Bromochloromethane | 4.903 | 49 | 83733 | 19.985 | ug/l | 97 |
| 29) Tetrahydrofuran | 5.001 | 42 | 138587 | 99.493 | ug/l | 99 |
| 30) Chloroform | 5.098 | 83 | 177543 | 20.470 | ug/l | 97 |
| 31) Cyclohexane | 5.470 | 56 | 155952 | 20.692 | ug/l | 93 |
| 32) 1,1,1-Trichloroethane | 5.391 | 97 | 144962 | 20.005 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 118611 | 20.144 | ug/l | 97 |
| 37) Ethyl Acetate | 4.720 | 43 | 95352 | 19.013 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.684 | 117 | 127307 | 20.188 | ug/l | 97 |
| 39) Methylcyclohexane | 7.378 | 83 | 151595 | 20.582 | ug/l | 96 |
| 40) Benzene | 6.043 | 78 | 373429 | 20.968 | ug/l | 100 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.922 | 41 | 57138 | 21.358 | ug/l | | 95 |
| 42) 1,2-Dichloroethane | 6.086 | 62 | 125114 | 20.689 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.336 | 43 | 157613 | 20.519 | ug/l | | 100 |
| 44) Trichloroethene | 7.128 | 130 | 93746 | 20.221 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 7.427 | 63 | 93205 | 20.714 | ug/l | | 99 |
| 46) Dibromomethane | 7.580 | 93 | 64260 | 20.612 | ug/l | | 100 |
| 47) Bromodichloromethane | 7.817 | 83 | 137600 | 20.670 | ug/l | | 98 |
| 48) Methyl methacrylate | 7.695 | 41 | 78897 | 19.892 | ug/l | | 97 |
| 49) 1,4-Dioxane | 7.659 | 88 | 18907 | 411.405 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 8.567 | 43 | 473773 | 104.508 | ug/l | | 99 |
| 52) Toluene | 8.714 | 92 | 232882 | 21.102 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 120040 | 20.206 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 136889 | 20.187 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.146 | 97 | 84451 | 20.545 | ug/l | | 97 |
| 56) Ethyl methacrylate | 9.116 | 69 | 114929 | 20.200 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 147193 | 20.795 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.238 | 63 | 331143 | 103.298 | ug/l | | 100 |
| 59) 2-Hexanone | 9.427 | 43 | 314535 | 104.602 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.518 | 129 | 100960 | 20.523 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 85342 | 20.672 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.268 | 164 | 79577 | 20.740 | ug/l | | 96 |
| 65) Chlorobenzene | 10.073 | 112 | 256491 | 20.586 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.158 | 131 | 86804 | 20.724 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.189 | 91 | 444690 | 20.841 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.299 | 106 | 337082 | 41.924 | ug/l | | 98 |
| 69) o-Xylene | 10.640 | 106 | 162094 | 20.870 | ug/l | | 99 |
| 70) Styrene | 10.652 | 104 | 283121 | 21.307 | ug/l | | 100 |
| 71) Bromoform | 10.799 | 173 | 62957 | 20.215 | ug/l | # | 98 |
| 73) Isopropylbenzene | 10.957 | 105 | 428283 | 20.549 | ug/l | | 100 |
| 74) N-amyl acetate | 10.841 | 43 | 141581 | 19.991 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 116329 | 20.298 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 91349m | 19.941 | ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 103902 | 20.014 | ug/l | | 96 |
| 78) n-propylbenzene | 11.298 | 91 | 517332 | 20.585 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.359 | 91 | 307886 | 20.748 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 357455 | 21.108 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 31721 | 18.582 | ug/l | | 94 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 353678 | 20.654 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.713 | 119 | 360024 | 20.583 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 357753 | 20.900 | ug/l | | 95 |
| 85) sec-Butylbenzene | 11.890 | 105 | 456837 | 20.715 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 377192 | 20.425 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.963 | 146 | 198351 | 20.429 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.036 | 146 | 202881 | 20.078 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.329 | 91 | 360061 | 20.750 | ug/l | | 99 |
| 90) Hexachloroethane | 12.536 | 117 | 63705 | 19.459 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.329 | 146 | 192682 | 20.479 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.938 | 75 | 19455 | 19.409 | ug/l | | 97 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 127830 | 19.999 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 49928 | 20.713 | ug/l | | 99 |
| 95) Naphthalene | 13.774 | 128 | 343123 | 20.372 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 122506 | 20.284 | ug/l | | 99 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

ICAL Form

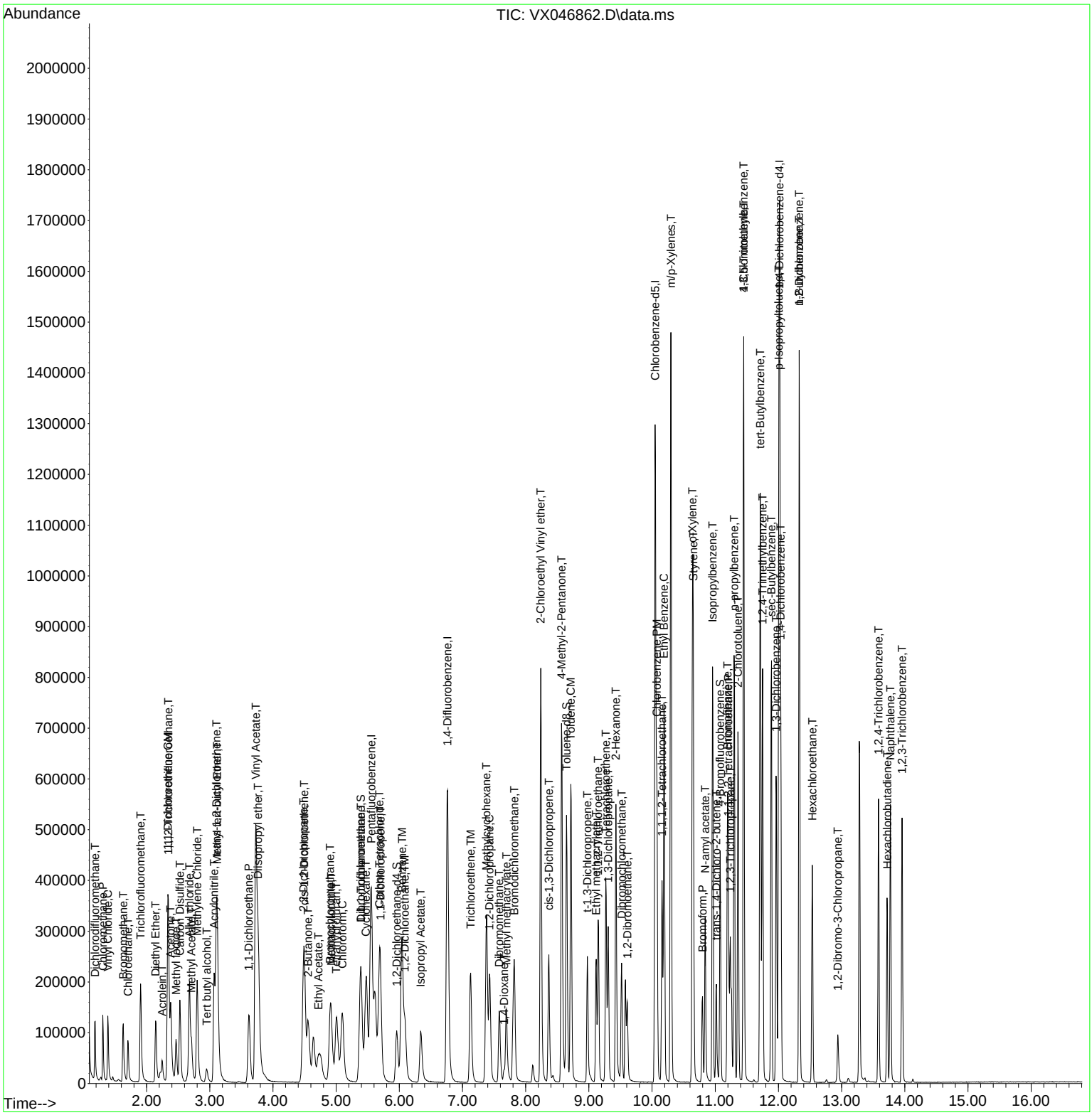
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 368182 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 601240 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 539902 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 266829 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 238206 | 48.973 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 97.940% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 203814 | 49.939 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 99.880% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 718232 | 49.879 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.760% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 273366 | 49.952 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 99.900% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.179 | 85 | 179160 | 50.881 | ug/l | 100 |
| 3) Chloromethane | 1.307 | 50 | 186908 | 48.585 | ug/l | 100 |
| 4) Vinyl Chloride | 1.386 | 62 | 202462 | 48.327 | ug/l | 100 |
| 5) Bromomethane | 1.624 | 94 | 132366 | 49.174 | ug/l | 100 |
| 6) Chloroethane | 1.703 | 64 | 127577 | 46.118 | ug/l | 100 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 315495 | 48.704 | ug/l | 100 |
| 8) Diethyl Ether | 2.148 | 74 | 112089 | 48.624 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 2.349 | 101 | 201760 | 48.880 | ug/l | 100 |
| 10) Methyl Iodide | 2.471 | 142 | 232179 | 51.631 | ug/l | 100 |
| 11) Tert butyl alcohol | 2.953 | 59 | 77545 | 243.081 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 193069 | 48.359 | ug/l | 100 |
| 13) Acrolein | 2.246 | 56 | 84088 | 238.671 | ug/l | 100 |
| 14) Allyl chloride | 2.678 | 41 | 347253 | 48.854 | ug/l | 100 |
| 15) Acrylonitrile | 3.075 | 53 | 453047 | 244.641 | ug/l | 100 |
| 16) Acetone | 2.386 | 43 | 355803 | 235.495 | ug/l | 100 |
| 17) Carbon Disulfide | 2.532 | 76 | 494153 | 47.196 | ug/l | 100 |
| 18) Methyl Acetate | 2.715 | 43 | 203643 | 51.137 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.123 | 73 | 562569 | 49.898 | ug/l | 100 |
| 20) Methylene Chloride | 2.800 | 84 | 215411 | 48.215 | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 199150 | 48.748 | ug/l | 100 |
| 22) Diisopropyl ether | 3.770 | 45 | 701332 | 51.071 | ug/l | 100 |
| 23) Vinyl Acetate | 3.733 | 43 | 2620249 | 254.689 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.623 | 63 | 382510 | 48.841 | ug/l | 100 |
| 25) 2-Butanone | 4.562 | 43 | 506469 | 251.252 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.489 | 77 | 280159 | 48.066 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.501 | 96 | 243080 | 48.734 | ug/l | 100 |
| 28) Bromochloromethane | 4.910 | 49 | 194431 | 50.303 | ug/l | 100 |
| 29) Tetrahydrofuran | 5.007 | 42 | 322800 | 251.209 | ug/l | 100 |
| 30) Chloroform | 5.105 | 83 | 386035 | 48.247 | ug/l | 100 |
| 31) Cyclohexane | 5.483 | 56 | 337894 | 48.598 | ug/l | 100 |
| 32) 1,1,1-Trichloroethane | 5.397 | 97 | 326288 | 48.811 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 264243 | 47.988 | ug/l | 100 |
| 37) Ethyl Acetate | 4.721 | 43 | 216259 | 46.111 | ug/l | 100 |
| 38) Carbon Tetrachloride | 5.690 | 117 | 286310 | 48.549 | ug/l | 100 |
| 39) Methylcyclohexane | 7.385 | 83 | 341159 | 49.529 | ug/l | 100 |
| 40) Benzene | 6.050 | 78 | 815341 | 48.954 | ug/l | 100 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.922 | 41 | 127915 | 51.128 | ug/l | | 100 |
| 42) 1,2-Dichloroethane | 6.092 | 62 | 276628 | 48.913 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.342 | 43 | 371859 | 51.765 | ug/l | | 100 |
| 44) Trichloroethene | 7.129 | 130 | 206841 | 47.708 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 7.434 | 63 | 207864 | 49.398 | ug/l | | 100 |
| 46) Dibromomethane | 7.586 | 93 | 144114 | 49.430 | ug/l | | 100 |
| 47) Bromodichloromethane | 7.824 | 83 | 306696 | 49.265 | ug/l | | 100 |
| 48) Methyl methacrylate | 7.696 | 41 | 193493 | 52.165 | ug/l | | 100 |
| 49) 1,4-Dioxane | 7.659 | 88 | 43664 | 1015.947 | ug/l | | 100 |
| 51) 4-Methyl-2-Pentanone | 8.574 | 43 | 1101634 | 259.847 | ug/l | | 100 |
| 52) Toluene | 8.720 | 92 | 505397 | 48.969 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 284038 | 51.124 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 320678 | 50.567 | ug/l | | 100 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 191073 | 49.704 | ug/l | | 100 |
| 56) Ethyl methacrylate | 9.116 | 69 | 276170 | 51.905 | ug/l | | 100 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 325345 | 49.150 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.244 | 63 | 802354 | 267.636 | ug/l | | 100 |
| 59) 2-Hexanone | 9.427 | 43 | 742855 | 264.164 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.519 | 129 | 226427 | 49.218 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 192320 | 49.814 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.275 | 164 | 170176 | 47.341 | ug/l | | 100 |
| 65) Chlorobenzene | 10.079 | 112 | 566582 | 48.538 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131 | 193638 | 49.347 | ug/l | | 100 |
| 67) Ethyl Benzene | 10.189 | 91 | 987806 | 49.415 | ug/l | | 100 |
| 68) m/p-Xylenes | 10.299 | 106 | 743275 | 98.674 | ug/l | | 100 |
| 69) o-Xylene | 10.640 | 106 | 358798 | 49.311 | ug/l | | 100 |
| 70) Styrene | 10.653 | 104 | 634597 | 50.976 | ug/l | | 100 |
| 71) Bromoform | 10.799 | 173 | 145282 | 49.794 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.957 | 105 | 960979 | 51.232 | ug/l | | 100 |
| 74) N-amyl acetate | 10.842 | 43 | 338897 | 53.169 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 256928 | 49.814 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 210006m | 50.937 | ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 233851 | 50.052 | ug/l | | 100 |
| 78) n-propylbenzene | 11.299 | 91 | 1145518 | 50.647 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.360 | 91 | 662335 | 49.595 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 780315 | 51.198 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 77831 | 50.659 | ug/l | | 100 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 777681 | 50.461 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 805925 | 51.197 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 786934 | 51.082 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.884 | 105 | 1009027 | 50.840 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 843813 | 50.770 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.963 | 146 | 434168 | 49.687 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 12.036 | 146 | 435439 | 47.882 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.329 | 91 | 797119 | 51.042 | ug/l | | 100 |
| 90) Hexachloroethane | 12.536 | 117 | 147768 | 50.152 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 12.329 | 146 | 418287 | 49.398 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75 | 45584 | 50.530 | ug/l | | 100 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 290148 | 50.438 | ug/l | | 100 |
| 94) Hexachlorobutadiene | 13.719 | 225 | 109236 | 50.352 | ug/l | | 100 |
| 95) Naphthalene | 13.774 | 128 | 809540 | 53.405 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 278713 | 51.278 | ug/l | | 100 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

ICAL Form

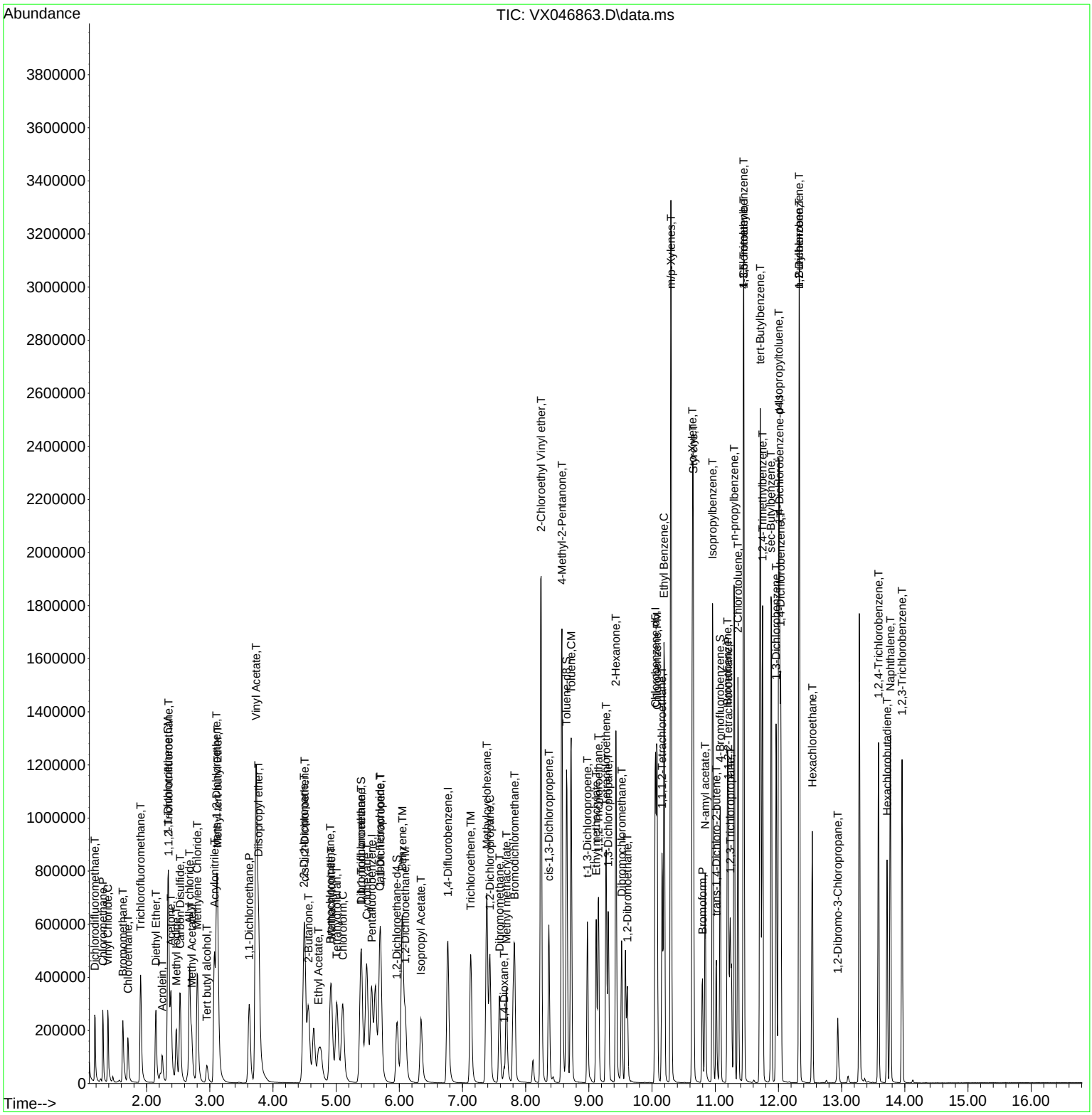
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 360099 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 591959 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 521464 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 253960 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 461552 | 97.021 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 194.040%# | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 393465 | 97.920 | ug/l | -0.01 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 195.840%# | | | |
| 50) Toluene-d8 | 8.647 | 98 | 1373545 | 96.884 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 193.760%# | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 513224 | 95.251 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 190.500%# | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.179 | 85 | 361969 | 105.107 | ug/l | 99 |
| 3) Chloromethane | 1.307 | 50 | 391364 | 104.014 | ug/l | 98 |
| 4) Vinyl Chloride | 1.386 | 62 | 424193 | 103.527 | ug/l | 100 |
| 5) Bromomethane | 1.618 | 94 | 265849 | 100.979 | ug/l | 100 |
| 6) Chloroethane | 1.697 | 64 | 260651 | 96.337 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 643202 | 101.523 | ug/l | 98 |
| 8) Diethyl Ether | 2.142 | 74 | 228526 | 101.358 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 412204 | 102.105 | ug/l | 99 |
| 10) Methyl Iodide | 2.465 | 142 | 490208 | 111.457 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.953 | 59 | 156192 | 500.607 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.331 | 96 | 393053 | 100.660 | ug/l | 97 |
| 13) Acrolein | 2.245 | 56 | 173378 | 500.012 | ug/l | 100 |
| 14) Allyl chloride | 2.672 | 41 | 711428 | 102.334 | ug/l | 99 |
| 15) Acrylonitrile | 3.068 | 53 | 898537 | 496.093 | ug/l | 100 |
| 16) Acetone | 2.380 | 43 | 707647 | 478.882 | ug/l | 98 |
| 17) Carbon Disulfide | 2.526 | 76 | 1006664 | 98.304 | ug/l | 99 |
| 18) Methyl Acetate | 2.709 | 43 | 410853 | 105.486 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.117 | 73 | 1142805 | 103.638 | ug/l | 98 |
| 20) Methylene Chloride | 2.800 | 84 | 428892 | 98.153 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 396705 | 99.285 | ug/l | 97 |
| 22) Diisopropyl ether | 3.764 | 45 | 1387980 | 103.342 | ug/l | 97 |
| 23) Vinyl Acetate | 3.727 | 43 | 5276627 | 524.403 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.617 | 63 | 759957 | 99.213 | ug/l | 100 |
| 25) 2-Butanone | 4.550 | 43 | 992659 | 503.497 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.483 | 77 | 577382 | 101.283 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.495 | 96 | 482620 | 98.931 | ug/l | 100 |
| 28) Bromochloromethane | 4.904 | 49 | 371458 | 98.260 | ug/l | 100 |
| 29) Tetrahydrofuran | 5.001 | 42 | 640795 | 509.872 | ug/l | 99 |
| 30) Chloroform | 5.099 | 83 | 757773 | 96.834 | ug/l | 100 |
| 31) Cyclohexane | 5.477 | 56 | 667229 | 98.120 | ug/l | 100 |
| 32) 1,1,1-Trichloroethane | 5.391 | 97 | 649123 | 99.286 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.696 | 75 | 514002 | 94.809 | ug/l | 99 |
| 37) Ethyl Acetate | 4.715 | 43 | 420101 | 90.979 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.684 | 117 | 567706 | 97.774 | ug/l | 98 |
| 39) Methylcyclohexane | 7.379 | 83 | 683852 | 100.837 | ug/l | 99 |
| 40) Benzene | 6.044 | 78 | 1589318 | 96.921 | ug/l | 100 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.922 | 41 | 261090 | 105.996 | ug/l | 99 |
| 42) 1,2-Dichloroethane | 6.086 | 62 | 536004 | 96.261 | ug/l | 100 |
| 43) Isopropyl Acetate | 6.336 | 43 | 746174 | 105.501 | ug/l | 100 |
| 44) Trichloroethene | 7.123 | 130 | 411222 | 96.336 | ug/l | 98 |
| 45) 1,2-Dichloropropane | 7.427 | 63 | 408244 | 98.538 | ug/l | 100 |
| 46) Dibromomethane | 7.580 | 93 | 279372 | 97.324 | ug/l | 99 |
| 47) Bromodichloromethane | 7.818 | 83 | 601292 | 98.101 | ug/l | 98 |
| 48) Methyl methacrylate | 7.690 | 41 | 389200 | 106.573 | ug/l | 100 |
| 49) 1,4-Dioxane | 7.659 | 88 | 82890 | 1958.872 | ug/l | 97 |
| 51) 4-Methyl-2-Pentanone | 8.568 | 43 | 2089507 | 500.587 | ug/l | 99 |
| 52) Toluene | 8.714 | 92 | 984220 | 96.858 | ug/l | 98 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 580117 | 106.052 | ug/l | 99 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 650539 | 104.190 | ug/l | 99 |
| 55) 1,1,2-Trichloroethane | 9.147 | 97 | 367441 | 97.082 | ug/l | 98 |
| 56) Ethyl methacrylate | 9.116 | 69 | 554620 | 105.873 | ug/l | 99 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 625220 | 95.933 | ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.238 | 63 | 1541497 | 522.248 | ug/l | 100 |
| 59) 2-Hexanone | 9.427 | 43 | 1406681 | 508.068 | ug/l | 100 |
| 60) Dibromochloromethane | 9.519 | 129 | 445393 | 98.331 | ug/l | 99 |
| 61) 1,2-Dibromoethane | 9.604 | 107 | 375661 | 98.827 | ug/l | 99 |
| 64) Tetrachloroethene | 9.269 | 164 | 333229 | 95.978 | ug/l | 95 |
| 65) Chlorobenzene | 10.073 | 112 | 1095855 | 97.200 | ug/l | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131 | 381396 | 100.632 | ug/l | 99 |
| 67) Ethyl Benzene | 10.189 | 91 | 1925349 | 99.720 | ug/l | 99 |
| 68) m/p-Xylenes | 10.299 | 106 | 1424898 | 195.851 | ug/l | 99 |
| 69) o-Xylene | 10.640 | 106 | 691874 | 98.448 | ug/l | 99 |
| 70) Styrene | 10.653 | 104 | 1206962 | 100.381 | ug/l | 99 |
| 71) Bromoform | 10.799 | 173 | 286378 | 101.623 | ug/l | 100 |
| 73) Isopropylbenzene | 10.957 | 105 | 1824241 | 102.183 | ug/l | 100 |
| 74) N-amyl acetate | 10.842 | 43 | 661864 | 109.100 | ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 477117 | 97.192 | ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 401735m | 102.378 | ug/l | |
| 77) Bromobenzene | 11.195 | 156 | 441962 | 99.388 | ug/l | 98 |
| 78) n-propylbenzene | 11.299 | 91 | 2169188 | 100.767 | ug/l | 99 |
| 79) 2-Chlorotoluene | 11.360 | 91 | 1268825 | 99.822 | ug/l | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 1497082 | 103.204 | ug/l | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 158326 | 108.273 | ug/l | 98 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 1472712 | 100.402 | ug/l | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 1539450 | 102.751 | ug/l | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 1488102 | 101.492 | ug/l | 97 |
| 85) sec-Butylbenzene | 11.890 | 105 | 1912633 | 101.251 | ug/l | 99 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 1605082 | 101.466 | ug/l | 100 |
| 87) 1,3-Dichlorobenzene | 11.963 | 146 | 825505 | 99.260 | ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 12.036 | 146 | 823926 | 95.192 | ug/l | 100 |
| 89) n-Butylbenzene | 12.329 | 91 | 1515258 | 101.944 | ug/l | 100 |
| 90) Hexachloroethane | 12.536 | 117 | 294961 | 105.182 | ug/l | 98 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 792536 | 98.339 | ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75 | 90270 | 105.136 | ug/l | 99 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 569410 | 104.000 | ug/l | 100 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 207095 | 100.298 | ug/l | 99 |
| 95) Naphthalene | 13.774 | 128 | 1572381 | 108.986 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 543127 | 104.988 | ug/l | 98 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

ICAL Form

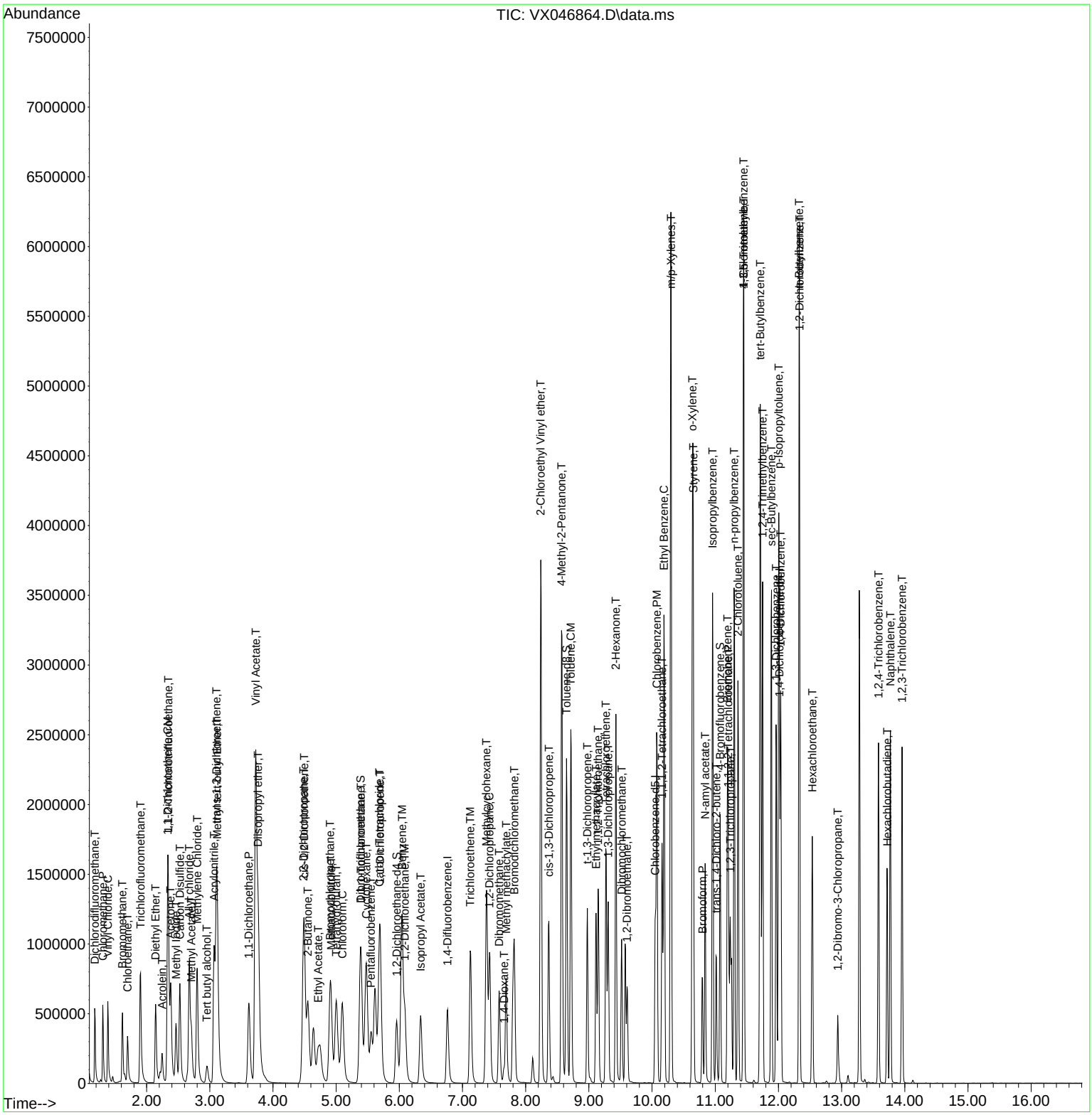
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC100

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 337940 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 564585 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 498758 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 240348 | 50.000 | ug/l | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 649303 | 145.436 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 290.880%# | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 550160 | 143.554 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 287.100%# | | | |
| 50) Toluene-d8 | 8.653 | 98 | 1923179 | 142.230 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 284.460%# | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 721016 | 140.303 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 280.600%# | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.179 | 85 | 497096 | 153.809 | ug/l | 99 |
| 3) Chloromethane | 1.307 | 50 | 537388 | 152.188 | ug/l | 98 |
| 4) Vinyl Chloride | 1.386 | 62 | 574277 | 149.346 | ug/l | 99 |
| 5) Bromomethane | 1.611 | 94 | 298828 | 120.949 | ug/l | 100 |
| 6) Chloroethane | 1.697 | 64 | 358739 | 141.285 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 897728 | 150.988 | ug/l | 99 |
| 8) Diethyl Ether | 2.148 | 74 | 321838 | 152.105 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 569627 | 150.352 | ug/l | 99 |
| 10) Methyl Iodide | 2.465 | 142 | 705949 | 171.034 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.965 | 59 | 229819 | 784.885 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 547474 | 149.400 | ug/l | 97 |
| 13) Acrolein | 2.245 | 56 | 245973 | 754.434 | ug/l | 98 |
| 14) Allyl chloride | 2.678 | 41 | 996540 | 152.745 | ug/l | 99 |
| 15) Acrylonitrile | 3.075 | 53 | 1288046 | 757.776 | ug/l | 99 |
| 16) Acetone | 2.386 | 43 | 1013283 | 730.677 | ug/l | 99 |
| 17) Carbon Disulfide | 2.526 | 76 | 1394541 | 145.111 | ug/l | 99 |
| 18) Methyl Acetate | 2.709 | 43 | 607185 | 166.116 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.123 | 73 | 1637759 | 158.264 | ug/l | 98 |
| 20) Methylene Chloride | 2.800 | 84 | 596413 | 145.441 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 552703 | 147.398 | ug/l | 97 |
| 22) Diisopropyl ether | 3.770 | 45 | 1919430 | 152.282 | ug/l | 99 |
| 23) Vinyl Acetate | 3.733 | 43 | 7476523 | 791.755 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.623 | 63 | 1064068 | 148.024 | ug/l | 100 |
| 25) 2-Butanone | 4.562 | 43 | 1449681 | 783.522 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.489 | 77 | 837466 | 156.539 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.501 | 96 | 674986 | 147.435 | ug/l | 100 |
| 28) Bromochloromethane | 4.910 | 49 | 515523 | 145.311 | ug/l | 99 |
| 29) Tetrahydrofuran | 5.007 | 42 | 928390 | 787.145 | ug/l | 100 |
| 30) Chloroform | 5.105 | 83 | 1064448 | 144.942 | ug/l | 100 |
| 31) Cyclohexane | 5.483 | 56 | 939695 | 147.249 | ug/l | 100 |
| 32) 1,1,1-Trichloroethane | 5.391 | 97 | 922378 | 150.332 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 739394 | 142.995 | ug/l | 99 |
| 37) Ethyl Acetate | 4.721 | 43 | 631521 | 143.396 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.684 | 117 | 809906 | 146.250 | ug/l | 98 |
| 39) Methylcyclohexane | 7.385 | 83 | 974901 | 150.724 | ug/l | 99 |
| 40) Benzene | 6.043 | 78 | 2243029 | 143.418 | ug/l | 100 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.928 | 41 | 375761 | 159.945 | ug/l | 99 |
| 42) 1,2-Dichloroethane | 6.092 | 62 | 756183 | 142.387 | ug/l | 100 |
| 43) Isopropyl Acetate | 6.342 | 43 | 1104335 | 163.711 | ug/l | 100 |
| 44) Trichloroethene | 7.129 | 130 | 583397 | 143.298 | ug/l | 97 |
| 45) 1,2-Dichloropropane | 7.433 | 63 | 579224 | 146.587 | ug/l | 99 |
| 46) Dibromomethane | 7.586 | 93 | 401338 | 146.592 | ug/l | 99 |
| 47) Bromodichloromethane | 7.824 | 83 | 858188 | 146.803 | ug/l | 99 |
| 48) Methyl methacrylate | 7.696 | 41 | 580607 | 166.693 | ug/l | 99 |
| 49) 1,4-Dioxane | 7.665 | 88 | 122695 | 3040.136 | ug/l | 98 |
| 51) 4-Methyl-2-Pentanone | 8.574 | 43 | 3026947 | 760.332 | ug/l | 98 |
| 52) Toluene | 8.720 | 92 | 1394797 | 143.918 | ug/l | 98 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 853017 | 163.503 | ug/l | 99 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 939003 | 157.682 | ug/l | 97 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 521889 | 144.574 | ug/l | 98 |
| 56) Ethyl methacrylate | 9.116 | 69 | 816206 | 163.362 | ug/l | 100 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 893213 | 143.699 | ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.244 | 63 | 2192288 | 778.743 | ug/l | 100 |
| 59) 2-Hexanone | 9.427 | 43 | 2051712 | 776.972 | ug/l | 100 |
| 60) Dibromochloromethane | 9.518 | 129 | 637739 | 147.623 | ug/l | 99 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 536592 | 148.009 | ug/l | 100 |
| 64) Tetrachloroethene | 9.275 | 164 | 475745 | 143.265 | ug/l | 96 |
| 65) Chlorobenzene | 10.079 | 112 | 1563433 | 144.986 | ug/l | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131 | 548552 | 151.325 | ug/l | 100 |
| 67) Ethyl Benzene | 10.195 | 91 | 2729559 | 147.809 | ug/l | 98 |
| 68) m/p-Xylenes | 10.299 | 106 | 2009645 | 288.799 | ug/l | 99 |
| 69) o-Xylene | 10.640 | 106 | 987134 | 146.856 | ug/l | 99 |
| 70) Styrene | 10.652 | 104 | 1697064 | 147.567 | ug/l | 98 |
| 71) Bromoform | 10.799 | 173 | 411264 | 152.584 | ug/l | 97 |
| 73) Isopropylbenzene | 10.963 | 105 | 2588441 | 153.200 | ug/l | 100 |
| 74) N-amyl acetate | 10.841 | 43 | 986018 | 171.738 | ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83 | 698105 | 150.263 | ug/l | 100 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 567147m | 152.717 | ug/l | |
| 77) Bromobenzene | 11.195 | 156 | 628974 | 149.454 | ug/l | 99 |
| 78) n-propylbenzene | 11.305 | 91 | 3052066 | 149.810 | ug/l | 99 |
| 79) 2-Chlorotoluene | 11.360 | 91 | 1784161 | 148.315 | ug/l | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 2088013 | 152.092 | ug/l | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 239775 | 173.259 | ug/l | 95 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 2061746 | 148.519 | ug/l | 99 |
| 83) tert-Butylbenzene | 11.713 | 119 | 2164507 | 152.653 | ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 2118023 | 152.635 | ug/l | 97 |
| 85) sec-Butylbenzene | 11.890 | 105 | 2681731 | 150.005 | ug/l | 99 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 2218491 | 148.186 | ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 1167669 | 148.354 | ug/l | 98 |
| 88) 1,4-Dichlorobenzene | 12.036 | 146 | 1176579 | 143.634 | ug/l | 99 |
| 89) n-Butylbenzene | 12.329 | 91 | 2101194 | 149.371 | ug/l | 99 |
| 90) Hexachloroethane | 12.536 | 117 | 424369 | 159.899 | ug/l | 99 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 1117598 | 146.526 | ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75 | 138617 | 170.588 | ug/l | 99 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 825907 | 159.391 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 296507 | 151.734 | ug/l | 99 |
| 95) Naphthalene | 13.774 | 128 | 2359854 | 172.832 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 792593 | 161.887 | ug/l | 99 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

ICAL Form

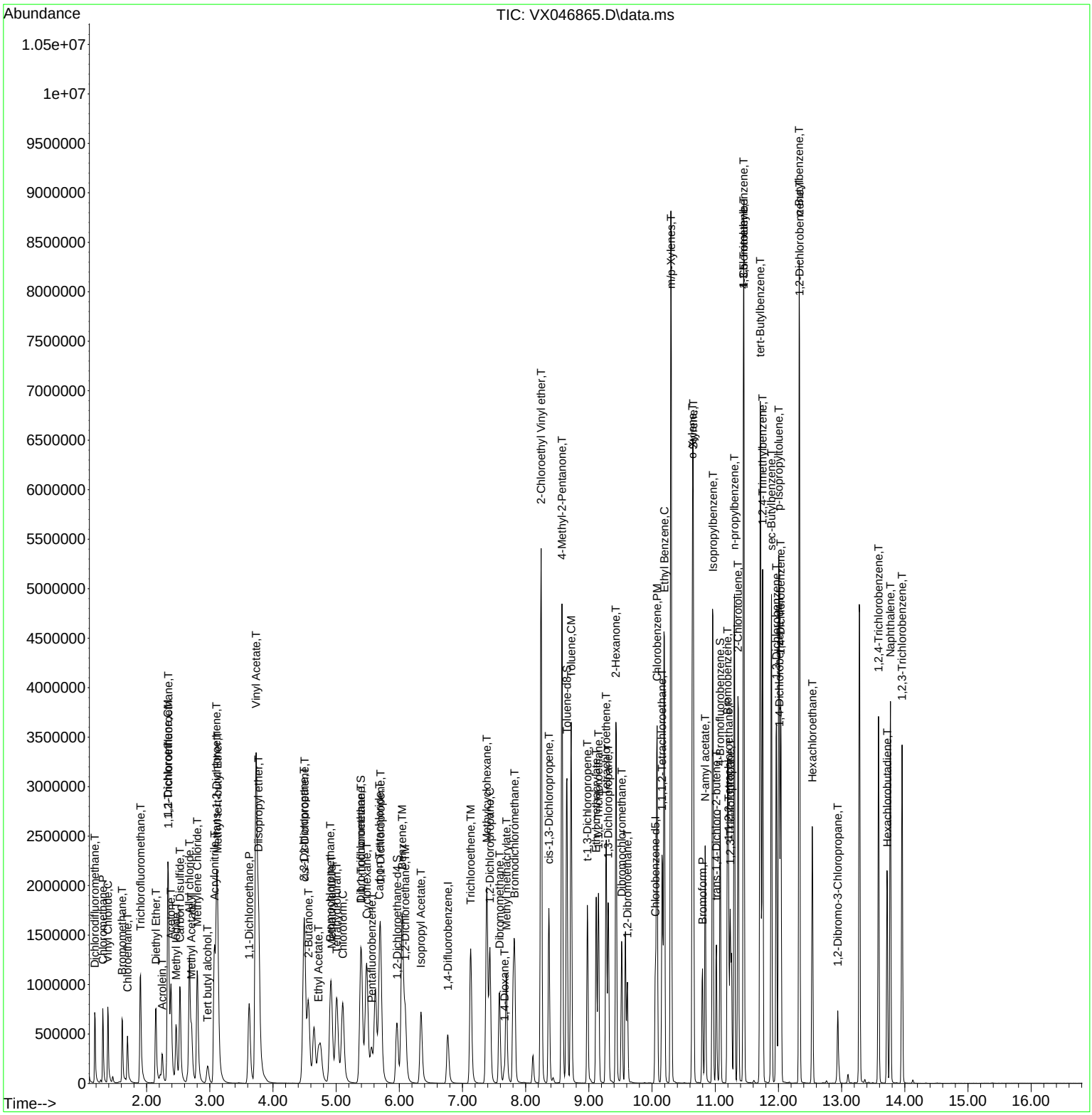
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC150

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 376229 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 610660 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 549326 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 275295 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 242648 | 48.819 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 97.640% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 208822 | 50.377 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 100.760% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 731941 | 50.047 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 100.100% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 282463 | 50.818 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 101.640% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.179 | 85 | 178684 | 49.661 | ug/l | 98 |
| 3) Chloromethane | 1.307 | 50 | 192497 | 48.967 | ug/l | 100 |
| 4) Vinyl Chloride | 1.386 | 62 | 208626 | 48.733 | ug/l | 99 |
| 5) Bromomethane | 1.624 | 94 | 141065 | 51.285 | ug/l | 97 |
| 6) Chloroethane | 1.703 | 64 | 132155 | 46.751 | ug/l | 100 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 326501 | 49.325 | ug/l | 98 |
| 8) Diethyl Ether | 2.148 | 74 | 117004 | 49.670 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.349 | 101 | 208780 | 49.499 | ug/l | 100 |
| 10) Methyl Iodide | 2.471 | 142 | 229855 | 50.021 | ug/l | 97 |
| 11) Tert butyl alcohol | 2.953 | 59 | 86884 | 266.531 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 197950 | 48.521 | ug/l | 99 |
| 13) Acrolein | 2.252 | 56 | 87230 | 242.250 | ug/l | 98 |
| 14) Allyl chloride | 2.678 | 41 | 359895 | 49.549 | ug/l | 99 |
| 15) Acrylonitrile | 3.075 | 53 | 482124 | 255.809 | ug/l | 99 |
| 16) Acetone | 2.386 | 43 | 376127 | 243.622 | ug/l | 97 |
| 17) Carbon Disulfide | 2.532 | 76 | 501161 | 46.842 | ug/l | 100 |
| 18) Methyl Acetate | 2.715 | 43 | 217113 | 53.354 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.123 | 73 | 601377 | 52.199 | ug/l | 99 |
| 20) Methylene Chloride | 2.800 | 84 | 224143 | 49.097 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 205950 | 49.334 | ug/l | 99 |
| 22) Diisopropyl ether | 3.770 | 45 | 723627 | 51.568 | ug/l | 97 |
| 23) Vinyl Acetate | 3.733 | 43 | 2777219 | 264.173 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.623 | 63 | 395739 | 49.449 | ug/l | 99 |
| 25) 2-Butanone | 4.562 | 43 | 538755 | 261.552 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.489 | 77 | 293933 | 49.351 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.501 | 96 | 247860 | 48.630 | ug/l | 99 |
| 28) Bromochloromethane | 4.910 | 49 | 198401 | 50.232 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.013 | 42 | 350947 | 267.272 | ug/l | 99 |
| 30) Chloroform | 5.105 | 83 | 395292 | 48.348 | ug/l | 100 |
| 31) Cyclohexane | 5.483 | 56 | 350463 | 49.328 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.397 | 97 | 335397 | 49.101 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 275506 | 49.261 | ug/l | 100 |
| 37) Ethyl Acetate | 4.721 | 43 | 229364 | 48.151 | ug/l | 100 |
| 38) Carbon Tetrachloride | 5.690 | 117 | 291659 | 49.327 | ug/l | 99 |
| 39) Methylcyclohexane | 7.385 | 83 | 355028 | 50.747 | ug/l | 98 |
| 40) Benzene | 6.050 | 78 | 835235 | 49.375 | ug/l | 100 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.928 | 41 | 137841 | 54.246 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.092 | 62 | 282094 | 49.110 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.342 | 43 | 390969 | 53.586 | ug/l | | 99 |
| 44) Trichloroethene | 7.129 | 130 | 212780 | 48.321 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 7.434 | 63 | 213351 | 49.920 | ug/l | | 98 |
| 46) Dibromomethane | 7.586 | 93 | 146563 | 49.494 | ug/l | | 100 |
| 47) Bromodichloromethane | 7.824 | 83 | 313088 | 49.516 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.696 | 41 | 206773 | 54.886 | ug/l | | 99 |
| 49) 1,4-Dioxane | 7.659 | 88 | 47208 | 1081.463 | ug/l | | 98 |
| 51) 4-Methyl-2-Pentanone | 8.574 | 43 | 1163206 | 270.137 | ug/l | | 100 |
| 52) Toluene | 8.720 | 92 | 524414 | 50.028 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 298344 | 52.871 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 334998 | 52.010 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 194738 | 49.876 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.116 | 69 | 294579 | 54.511 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 334325 | 49.728 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.245 | 63 | 817519 | 268.488 | ug/l | | 100 |
| 59) 2-Hexanone | 9.427 | 43 | 792449 | 277.453 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.519 | 129 | 234044 | 50.089 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 200842 | 51.219 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.275 | 164 | 174726 | 47.773 | ug/l | | 93 |
| 65) Chlorobenzene | 10.080 | 112 | 584424 | 49.208 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131 | 199525 | 49.975 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.189 | 91 | 1013473 | 49.829 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.299 | 106 | 760571 | 99.238 | ug/l | | 100 |
| 69) o-Xylene | 10.640 | 106 | 368751 | 49.809 | ug/l | | 99 |
| 70) Styrene | 10.653 | 104 | 644744 | 50.903 | ug/l | | 100 |
| 71) Bromoform | 10.799 | 173 | 147395 | 49.651 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.957 | 105 | 981991 | 50.742 | ug/l | | 100 |
| 74) N-amyl acetate | 10.842 | 43 | 359547 | 54.674 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 269327 | 50.612 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 218733m | 51.422 | ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 237950 | 49.363 | ug/l | | 99 |
| 78) n-propylbenzene | 11.299 | 91 | 1172148 | 50.231 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.360 | 91 | 678845 | 49.268 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 808534 | 51.418 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 82807 | 52.240 | ug/l | | 99 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 802710 | 50.483 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 826920 | 50.916 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 801503 | 50.428 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.890 | 105 | 1032626 | 50.429 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 867283 | 50.577 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 446776 | 49.558 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.037 | 146 | 448682 | 47.821 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.329 | 91 | 817746 | 50.753 | ug/l | | 99 |
| 90) Hexachloroethane | 12.536 | 117 | 151888 | 49.965 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 424172 | 48.553 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75 | 48557 | 52.171 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 301081 | 50.729 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.719 | 225 | 117882 | 52.667 | ug/l | | 99 |
| 95) Naphthalene | 13.774 | 128 | 844747 | 54.014 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 285334 | 50.881 | ug/l | | 98 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

ICAL Form

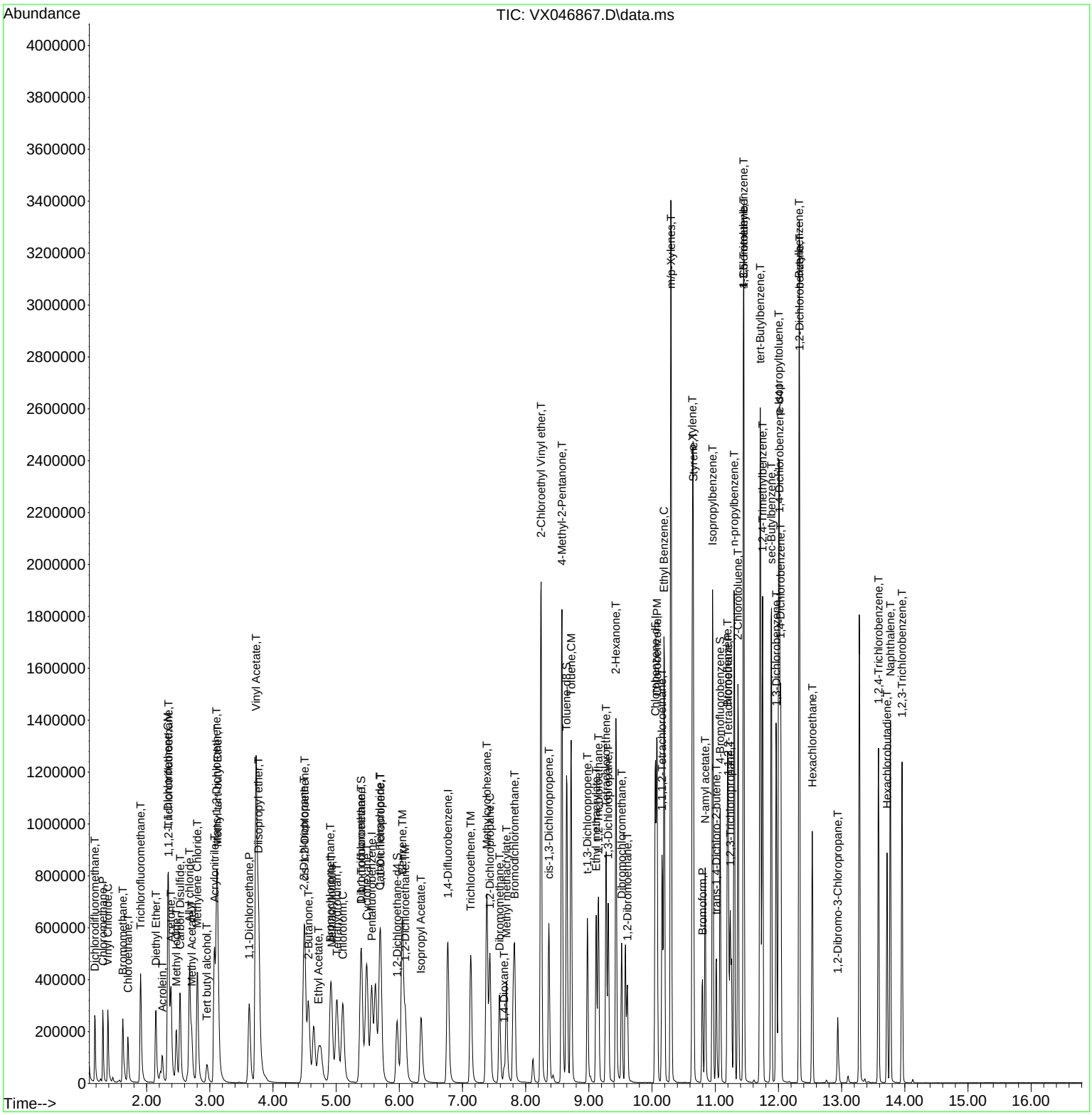
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



# Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 102 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.478 | 0.475 | 0.6 | 100 | 0.00 |
| 3 | P | Chloromethane | 0.522 | 0.512 | 1.9 | 103 | 0.00 |
| 4 | C | Vinyl Chloride | 0.569 | 0.555 | 2.5# | 103 | 0.00 |
| 5 | T | Bromomethane | 0.366 | 0.375 | -2.5 | 107 | 0.00 |
| 6 | T | Chloroethane | 0.376 | 0.351 | 6.6 | 104 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.880 | 0.868 | 1.4 | 103 | 0.00 |
| 8 | T | Diethyl Ether | 0.313 | 0.311 | 0.6 | 104 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.561 | 0.555 | 1.1 | 103 | 0.00 |
| 10 | T | Methyl Iodide | 0.611 | 0.611 | 0.0 | 99 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.043 | 0.046 | -7.0 | 112 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.542 | 0.526 | 3.0# | 103 | 0.00 |
| 13 | T | Acrolein | 0.052 | 0.046 | 11.5 | 104 | 0.00 |
| 14 | T | Allyl chloride | 0.965 | 0.957 | 0.8 | 104 | 0.00 |
| 15 | T | Acrylonitrile | 0.250 | 0.256 | -2.4 | 106 | 0.00 |
| 16 | T | Acetone | 0.205 | 0.200 | 2.4 | 106 | 0.00 |
| 17 | T | Carbon Disulfide | 1.422 | 1.332 | 6.3 | 101 | 0.00 |
| 18 | T | Methyl Acetate | 0.541 | 0.577 | -6.7 | 107 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.531 | 1.598 | -4.4 | 107 | 0.00 |
| 20 | T | Methylene Chloride | 0.607 | 0.596 | 1.8 | 104 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.555 | 0.547 | 1.4 | 103 | 0.00 |
| 22 | T | Diisopropyl ether | 1.865 | 1.923 | -3.1 | 103 | 0.00 |
| 23 | T | Vinyl Acetate | 1.397 | 1.476 | -5.7 | 106 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.064 | 1.052 | 1.1 | 103 | 0.00 |
| 25 | T | 2-Butanone | 0.274 | 0.286 | -4.4 | 106 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.792 | 0.781 | 1.4 | 105 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.677 | 0.659 | 2.7 | 102 | 0.00 |
| 28 | T | Bromochloromethane | 0.525 | 0.527 | -0.4 | 102 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.175 | 0.187 | -6.9 | 109 | 0.00 |
| 30 | C | Chloroform | 1.087 | 1.051 | 3.3# | 102 | 0.00 |
| 31 | T | Cyclohexane | 0.944 | 0.932 | 1.3 | 104 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.908 | 0.891 | 1.9 | 103 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.661 | 0.645 | 2.4 | 102 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 102 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.339 | 0.342 | -0.9 | 102 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.458 | 0.451 | 1.5 | 104 | 0.00 |
| 37 | T | Ethyl Acetate | 0.390 | 0.376 | 3.6 | 106 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.484 | 0.478 | 1.2 | 102 | 0.00 |
| 39 | T | Methylcyclohexane | 0.573 | 0.581 | -1.4 | 104 | 0.00 |
| 40 | TM | Benzene | 1.385 | 1.368 | 1.2 | 102 | 0.00 |
| 41 | T | Methacrylonitrile | 0.208 | 0.226 | -8.7 | 108 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.470 | 0.462 | 1.7 | 102 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.597 | 0.640 | -7.2 | 105 | 0.00 |
| 44 | TM | Trichloroethene | 0.361 | 0.348 | 3.6 | 103 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.350 | 0.349 | 0.3# | 103 | 0.00 |
| 46 | T | Dibromomethane | 0.242 | 0.240 | 0.8 | 102 | 0.00 |
| 47 | T | Bromodichloromethane | 0.518 | 0.513 | 1.0 | 102 | 0.00 |
| 48 | T | Methyl methacrylate | 0.308 | 0.339 | -10.1 | 107 | 0.00 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 108 | 0.00 |
| 50 | S | Toluene-d8 | 1.197 | 1.199 | -0.2 | 102 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.353 | 0.381 | -7.9 | 106 | 0.00 |
| 52 | CM | Toluene | 0.858 | 0.859 | -0.1# | 104 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.462 | 0.489 | -5.8 | 105 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.527 | 0.549 | -4.2 | 104 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.320 | 0.319 | 0.3 | 102 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.442 | 0.482 | -9.0 | 107 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.550 | 0.547 | 0.5 | 103 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.249 | 0.268 | -7.6 | 102 | 0.00 |
| 59 | T | 2-Hexanone | 0.234 | 0.260 | -11.1 | 107 | 0.00 |
| 60 | T | Dibromochloromethane | 0.383 | 0.383 | 0.0 | 103 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.321 | 0.329 | -2.5 | 104 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.455 | 0.463 | -1.8 | 103 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 102 | 0.00 |
| 64 | T | Tetrachloroethene | 0.333 | 0.318 | 4.5 | 103 | 0.00 |
| 65 | PM | Chlorobenzene | 1.081 | 1.064 | 1.6 | 103 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.363 | 0.363 | 0.0 | 103 | 0.00 |
| 67 | C | Ethyl Benzene | 1.851 | 1.845 | 0.3# | 103 | 0.00 |
| 68 | T | m/p-Xylenes | 0.698 | 0.692 | 0.9 | 102 | 0.00 |
| 69 | T | o-Xylene | 0.674 | 0.671 | 0.4 | 103 | 0.00 |
| 70 | T | Styrene | 1.153 | 1.174 | -1.8 | 102 | 0.00 |
| 71 | P | Bromoform | 0.270 | 0.268 | 0.7 | 101 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 103 | 0.00 |
| 73 | T | Isopropylbenzene | 3.515 | 3.567 | -1.5 | 102 | 0.00 |
| 74 | T | N-amyl acetate | 1.194 | 1.306 | -9.4 | 106 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.966 | 0.978 | -1.2 | 105 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.773 | 0.795 | -2.8 | 104 | 0.00 |
| 77 | T | Bromobenzene | 0.875 | 0.864 | 1.3 | 102 | 0.00 |
| 78 | T | n-propylbenzene | 4.238 | 4.258 | -0.5 | 102 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.503 | 2.466 | 1.5 | 102 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 2.856 | 2.937 | -2.8 | 104 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.288 | 0.301 | -4.5 | 106 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.888 | 2.916 | -1.0 | 103 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.950 | 3.004 | -1.8 | 103 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 2.887 | 2.911 | -0.8 | 102 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.719 | 3.751 | -0.9 | 102 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.114 | 3.150 | -1.2 | 103 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.637 | 1.623 | 0.9 | 103 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.704 | 1.630 | 4.3 | 103 | 0.00 |
| 89 | T | n-Butylbenzene | 2.926 | 2.970 | -1.5 | 103 | 0.00 |
| 90 | T | Hexachloroethane | 0.552 | 0.552 | 0.0 | 103 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.587 | 1.541 | 2.9 | 101 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.169 | 0.176 | -4.1 | 107 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.078 | 1.094 | -1.5 | 104 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.407 | 0.428 | -5.2 | 108 | 0.00 |
| 95 | T | Naphthalene | 2.840 | 3.069 | -8.1 | 104 | 0.00 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 1.019 | 1.036 | -1.7 | 102 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

# Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 102 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 49.661 | 0.7 | 100 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 48.967 | 2.1 | 103 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 48.733 | 2.5# | 103 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 51.285 | -2.6 | 107 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 46.751 | 6.5 | 104 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 49.325 | 1.3 | 103 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 49.670 | 0.7 | 104 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 49.499 | 1.0 | 103 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 50.021 | -0.0 | 99 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 266.531 | -6.6 | 112 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 48.521 | 3.0# | 103 | 0.00 |
| 13 | T | Acrolein | 250.000 | 242.250 | 3.1 | 104 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 49.549 | 0.9 | 104 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 255.809 | -2.3 | 106 | 0.00 |
| 16 | T | Acetone | 250.000 | 243.622 | 2.6 | 106 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.842 | 6.3 | 101 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 53.354 | -6.7 | 107 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 52.199 | -4.4 | 107 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 49.097 | 1.8 | 104 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 49.334 | 1.3 | 103 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 51.568 | -3.1 | 103 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 264.173 | -5.7 | 106 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 49.449 | 1.1 | 103 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 261.552 | -4.6 | 106 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 49.351 | 1.3 | 105 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 48.630 | 2.7 | 102 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 50.232 | -0.5 | 102 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 267.272 | -6.9 | 109 | 0.00 |
| 30 | C | Chloroform | 50.000 | 48.348 | 3.3# | 102 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 49.328 | 1.3 | 104 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 49.101 | 1.8 | 103 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 48.819 | 2.4 | 102 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 102 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 50.377 | -0.8 | 102 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 49.261 | 1.5 | 104 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 48.151 | 3.7 | 106 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 49.327 | 1.3 | 102 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 50.747 | -1.5 | 104 | 0.00 |
| 40 | TM | Benzene | 50.000 | 49.375 | 1.3 | 102 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 54.246 | -8.5 | 108 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 49.110 | 1.8 | 102 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 53.586 | -7.2 | 105 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 48.321 | 3.4 | 103 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 49.920 | 0.2# | 103 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 49.494 | 1.0 | 102 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 49.516 | 1.0 | 102 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 54.886 | -9.8 | 107 | 0.00 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 1081.463 | -8.1 | 108 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 50.047 | -0.1 | 102 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 270.137 | -8.1 | 106 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.028 | -0.1# | 104 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 52.871 | -5.7 | 105 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 52.010 | -4.0 | 104 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 49.876 | 0.2 | 102 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 54.511 | -9.0 | 107 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 49.728 | 0.5 | 103 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 268.488 | -7.4 | 102 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 277.453 | -11.0 | 107 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 50.089 | -0.2 | 103 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 51.219 | -2.4 | 104 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 50.818 | -1.6 | 103 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 102 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 47.773 | 4.5 | 103 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 49.208 | 1.6 | 103 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 49.975 | 0.0 | 103 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 49.829 | 0.3# | 103 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 99.238 | 0.8 | 102 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 49.809 | 0.4 | 103 | 0.00 |
| 70 | T | Styrene | 50.000 | 50.903 | -1.8 | 102 | 0.00 |
| 71 | P | Bromoform | 50.000 | 49.651 | 0.7 | 101 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 103 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 50.742 | -1.5 | 102 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 54.674 | -9.3 | 106 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 50.612 | -1.2 | 105 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 51.422 | -2.8 | 104 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 49.363 | 1.3 | 102 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 50.231 | -0.5 | 102 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 49.268 | 1.5 | 102 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 51.418 | -2.8 | 104 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 52.240 | -4.5 | 106 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 50.483 | -1.0 | 103 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 50.916 | -1.8 | 103 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 50.428 | -0.9 | 102 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 50.429 | -0.9 | 102 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 50.577 | -1.2 | 103 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 49.558 | 0.9 | 103 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 47.821 | 4.4 | 103 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 50.753 | -1.5 | 103 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 49.965 | 0.1 | 103 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 48.553 | 2.9 | 101 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 52.171 | -4.3 | 107 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 50.729 | -1.5 | 104 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 52.667 | -5.3 | 108 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 54.014 | -8.0 | 104 | 0.00 |

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 50.881 | -1.8 | 102 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX046933.D**

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: FIRS02
Lab Code: ACE
SDG No.: Q2553
Instrument ID: MSVOA_X
Calibration Date/Time: 07/10/2025 09:54
Lab File ID: VX046933.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.478 | 0.491 | | 2.72 | 20 |
| Chloromethane | 0.522 | 0.530 | 0.1 | 1.53 | 20 |
| Vinyl Chloride | 0.569 | 0.575 | | 1.05 | 20 |
| Bromomethane | 0.366 | 0.384 | | 4.92 | 20 |
| Chloroethane | 0.376 | 0.378 | | 0.53 | 20 |
| Trichlorofluoromethane | 0.880 | 0.925 | | 5.11 | 20 |
| 1,1,2-Trichlorotrifluoroethane | 0.561 | 0.602 | | 7.31 | 20 |
| 1,1-Dichloroethene | 0.542 | 0.561 | | 3.51 | 20 |
| Acetone | 0.205 | 0.237 | | 15.61 | 20 |
| Carbon Disulfide | 1.422 | 1.331 | | -6.4 | 20 |
| Methyl tert-butyl Ether | 1.531 | 1.789 | | 16.85 | 20 |
| Methyl Acetate | 0.541 | 0.697 | | 28.83 | 20 |
| Methylene Chloride | 0.607 | 0.664 | | 9.39 | 20 |
| trans-1,2-Dichloroethene | 0.555 | 0.582 | | 4.86 | 20 |
| 1,1-Dichloroethane | 1.064 | 1.156 | 0.1 | 8.65 | 20 |
| Cyclohexane | 0.944 | 0.949 | | 0.53 | 20 |
| 2-Butanone | 0.274 | 0.323 | | 17.88 | 20 |
| Carbon Tetrachloride | 0.484 | 0.514 | | 6.2 | 20 |
| cis-1,2-Dichloroethene | 0.677 | 0.724 | | 6.94 | 20 |
| Bromochloromethane | 0.525 | 0.563 | | 7.24 | 20 |
| Chloroform | 1.087 | 1.184 | | 8.92 | 20 |
| 1,1,1-Trichloroethane | 0.908 | 0.966 | | 6.39 | 20 |
| Methylcyclohexane | 0.573 | 0.572 | | -0.17 | 20 |
| Benzene | 1.385 | 1.459 | | 5.34 | 20 |
| 1,2-Dichloroethane | 0.470 | 0.518 | | 10.21 | 20 |
| Trichloroethene | 0.361 | 0.366 | | 1.38 | 20 |
| 1,2-Dichloropropane | 0.350 | 0.379 | | 8.29 | 20 |
| Bromodichloromethane | 0.518 | 0.576 | | 11.2 | 20 |
| 4-Methyl-2-Pentanone | 0.353 | 0.415 | | 17.56 | 20 |
| Toluene | 0.858 | 0.906 | | 5.59 | 20 |
| t-1,3-Dichloropropene | 0.462 | 0.530 | | 14.72 | 20 |
| cis-1,3-Dichloropropene | 0.527 | 0.594 | | 12.71 | 20 |
| 1,1,2-Trichloroethane | 0.320 | 0.359 | | 12.19 | 20 |
| 2-Hexanone | 0.234 | 0.282 | | 20.51 | 20 |
| Dibromochloromethane | 0.383 | 0.429 | | 12.01 | 20 |
| 1,2-Dibromoethane | 0.321 | 0.361 | | 12.46 | 20 |
| Tetrachloroethene | 0.333 | 0.343 | | 3 | 20 |
| Chlorobenzene | 1.081 | 1.156 | 0.3 | 6.94 | 20 |

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

Raw Data: **VX046933.D**

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

## VOLATILE CONTINUING CALIBRATION CHECK

| | | | |
|---|---|---|---|
| Lab Name: | Alliance | Contract: | FIRS02 |
| Lab Code: | ACE | SDG No.: | Q2553 |
| Instrument ID: | MSVOA_X | Calibration Date/Time: | 07/10/2025 09:54 |
| Lab File ID: | VX046933.D | Init. Calib. Date(s): | 07/02/2025 07/02/2025 |
| Heated Purge: (Y/N) | N | Init. Calib. Time(s): | 12:11 14:31 |

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Ethyl Benzene | 1.851 | 1.991 | | 7.56 | 20 |
| m/p-Xylenes | 0.698 | 0.748 | | 7.16 | 20 |
| o-Xylene | 0.674 | 0.731 | | 8.46 | 20 |
| Styrene | 1.153 | 1.280 | | 11.02 | 20 |
| Bromoform | 0.270 | 0.310 | 0.1 | 14.81 | 20 |
| Isopropylbenzene | 3.515 | 3.800 | | 8.11 | 20 |
| 1,1,2,2-Tetrachloroethane | 0.966 | 1.071 | 0.3 | 10.87 | 20 |
| 1,3-Dichlorobenzene | 1.637 | 1.724 | | 5.32 | 20 |
| 1,4-Dichlorobenzene | 1.704 | 1.741 | | 2.17 | 20 |
| 1,2-Dichlorobenzene | 1.587 | 1.671 | | 5.29 | 20 |
| 1,2-Dibromo-3-Chloropropane | 0.169 | 0.191 | | 13.02 | 20 |
| 1,2,4-Trichlorobenzene | 1.078 | 1.137 | | 5.47 | 20 |
| 1,2,3-Trichlorobenzene | 1.019 | 1.098 | | 7.75 | 20 |
| 1,2-Dichloroethane-d4 | 0.661 | 0.672 | | 1.66 | 20 |
| Dibromofluoromethane | 0.339 | 0.344 | | 1.48 | 20 |
| Toluene-d8 | 1.197 | 1.173 | | -2.01 | 20 |
| 4-Bromofluorobenzene | 0.455 | 0.452 | | -0.66 | 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\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 309661 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 506196 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 449744 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 231018 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 208244 | 50.904 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 101.800% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 174249 | 50.712 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 101.420% | | | |
| 50) Toluene-d8 | 8.646 | 98 | 593543 | 48.959 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 97.920% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 228990 | 49.699 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 99.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.184 | 85 | 151949 | 51.309 | ug/l | 99 |
| 3) Chloromethane | 1.306 | 50 | 164098 | 50.717 | ug/l | 95 |
| 4) Vinyl Chloride | 1.386 | 62 | 177948 | 50.503 | ug/l | 97 |
| 5) Bromomethane | 1.623 | 94 | 118796 | 52.473 | ug/l | 100 |
| 6) Chloroethane | 1.703 | 64 | 116983 | 50.280 | ug/l | 98 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 286380 | 52.565 | ug/l | 99 |
| 8) Diethyl Ether | 2.142 | 74 | 107924 | 55.664 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 186453 | 53.708 | ug/l | 100 |
| 10) Methyl Iodide | 2.465 | 142 | 206546 | 54.611 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.952 | 59 | 81303 | 303.026 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 173641 | 51.712 | ug/l | 98 |
| 13) Acrolein | 2.245 | 56 | 86467 | 291.173 | ug/l | 100 |
| 14) Allyl chloride | 2.678 | 41 | 322811 | 53.998 | ug/l | 99 |
| 15) Acrylonitrile | 3.068 | 53 | 449828 | 289.980 | ug/l | 99 |
| 16) Acetone | 2.385 | 43 | 366304 | 288.263 | ug/l | 100 |
| 17) Carbon Disulfide | 2.526 | 76 | 412212 | 46.811 | ug/l | 100 |
| 18) Methyl Acetate | 2.709 | 43 | 215920 | 64.467 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.117 | 73 | 553871 | 58.411 | ug/l | 99 |
| 20) Methylene Chloride | 2.800 | 84 | 205618 | 54.721 | ug/l | 99 |
| 21) trans-1,2-Dichloroethene | 3.099 | 96 | 180079 | 52.410 | ug/l | 97 |
| 22) Diisopropyl ether | 3.763 | 45 | 670716 | 58.072 | ug/l | 96 |
| 23) Vinyl Acetate | 3.727 | 43 | 2477454 | 286.319 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.617 | 63 | 357940 | 54.341 | ug/l | 99 |
| 25) 2-Butanone | 4.550 | 43 | 500177 | 295.023 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.483 | 77 | 260044 | 53.046 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.495 | 96 | 224062 | 53.411 | ug/l | 100 |
| 28) Bromochloromethane | 4.903 | 49 | 174450 | 53.663 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.001 | 42 | 319193 | 295.346 | ug/l | 99 |
| 30) Chloroform | 5.098 | 83 | 366588 | 54.475 | ug/l | 99 |
| 31) Cyclohexane | 5.476 | 56 | 293928 | 50.264 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 5.385 | 97 | 299014 | 53.185 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 233003 | 50.259 | ug/l | 98 |
| 37) Ethyl Acetate | 4.714 | 43 | 204824 | 51.873 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.677 | 117 | 260404 | 53.130 | ug/l | 98 |
| 39) Methylcyclohexane | 7.378 | 83 | 289659 | 49.948 | ug/l | 98 |
| 40) Benzene | 6.037 | 78 | 738545 | 52.669 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.915 | 41 | 131689 | 62.520 | ug/l | | 96 |
| 42) 1,2-Dichloroethane | 6.086 | 62 | 262211 | 55.069 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.336 | 43 | 354544 | 58.622 | ug/l | | 100 |
| 44) Trichloroethene | 7.122 | 130 | 185363 | 50.782 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 7.427 | 63 | 191861 | 54.156 | ug/l | | 97 |
| 46) Dibromomethane | 7.580 | 93 | 133790 | 54.505 | ug/l | | 100 |
| 47) Bromodichloromethane | 7.817 | 83 | 291450 | 55.607 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.689 | 41 | 183752 | 58.841 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.659 | 88 | 45551 | 1258.852 | ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.567 | 43 | 1050082 | 294.193 | ug/l | | 100 |
| 52) Toluene | 8.714 | 92 | 458577 | 52.775 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 268066 | 57.309 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 300493 | 56.281 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 9.146 | 97 | 181961 | 56.221 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.116 | 69 | 261996 | 58.487 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 307072 | 55.100 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.238 | 63 | 750523 | 297.352 | ug/l | | 99 |
| 59) 2-Hexanone | 9.427 | 43 | 714728 | 301.884 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.518 | 129 | 217275 | 56.096 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 182626 | 56.184 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.274 | 164 | 154054 | 51.447 | ug/l | | 91 |
| 65) Chlorobenzene | 10.079 | 112 | 519904 | 53.468 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.158 | 131 | 182763 | 55.912 | ug/l | | 100 |
| 67) Ethyl Benzene | 10.189 | 91 | 895395 | 53.771 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.299 | 106 | 673223 | 107.290 | ug/l | | 99 |
| 69) o-Xylene | 10.640 | 106 | 328951 | 54.271 | ug/l | | 99 |
| 70) Styrene | 10.652 | 104 | 575709 | 55.516 | ug/l | | 100 |
| 71) Bromoform | 10.799 | 173 | 139236 | 57.288 | ug/l | # | 97 |
| 73) Isopropylbenzene | 10.957 | 105 | 877918 | 54.059 | ug/l | | 99 |
| 74) N-amyl acetate | 10.841 | 43 | 314316 | 56.957 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 247309 | 55.381 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.237 | 75 | 196306m | 54.995 | ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 214087 | 52.925 | ug/l | | 98 |
| 78) n-propylbenzene | 11.298 | 91 | 1034484 | 52.828 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.359 | 91 | 601179 | 51.994 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 711235 | 53.899 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 73354 | 55.146 | ug/l | | 97 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 713998 | 53.511 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 732365 | 53.736 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 714758 | 53.589 | ug/l | | 97 |
| 85) sec-Butylbenzene | 11.890 | 105 | 903499 | 52.579 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 757887 | 52.668 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 398386 | 52.660 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.036 | 146 | 402250 | 51.089 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.329 | 91 | 710200 | 52.526 | ug/l | | 100 |
| 90) Hexachloroethane | 12.536 | 117 | 135916 | 53.280 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 386093 | 52.664 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.938 | 75 | 44132 | 56.504 | ug/l | | 95 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 262781 | 52.762 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 95431 | 50.808 | ug/l | | 99 |
| 95) Naphthalene | 13.774 | 128 | 748433 | 57.028 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.956 | 180 | 253738 | 53.919 | ug/l | | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

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

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

Sample Results: **VX046933.D**

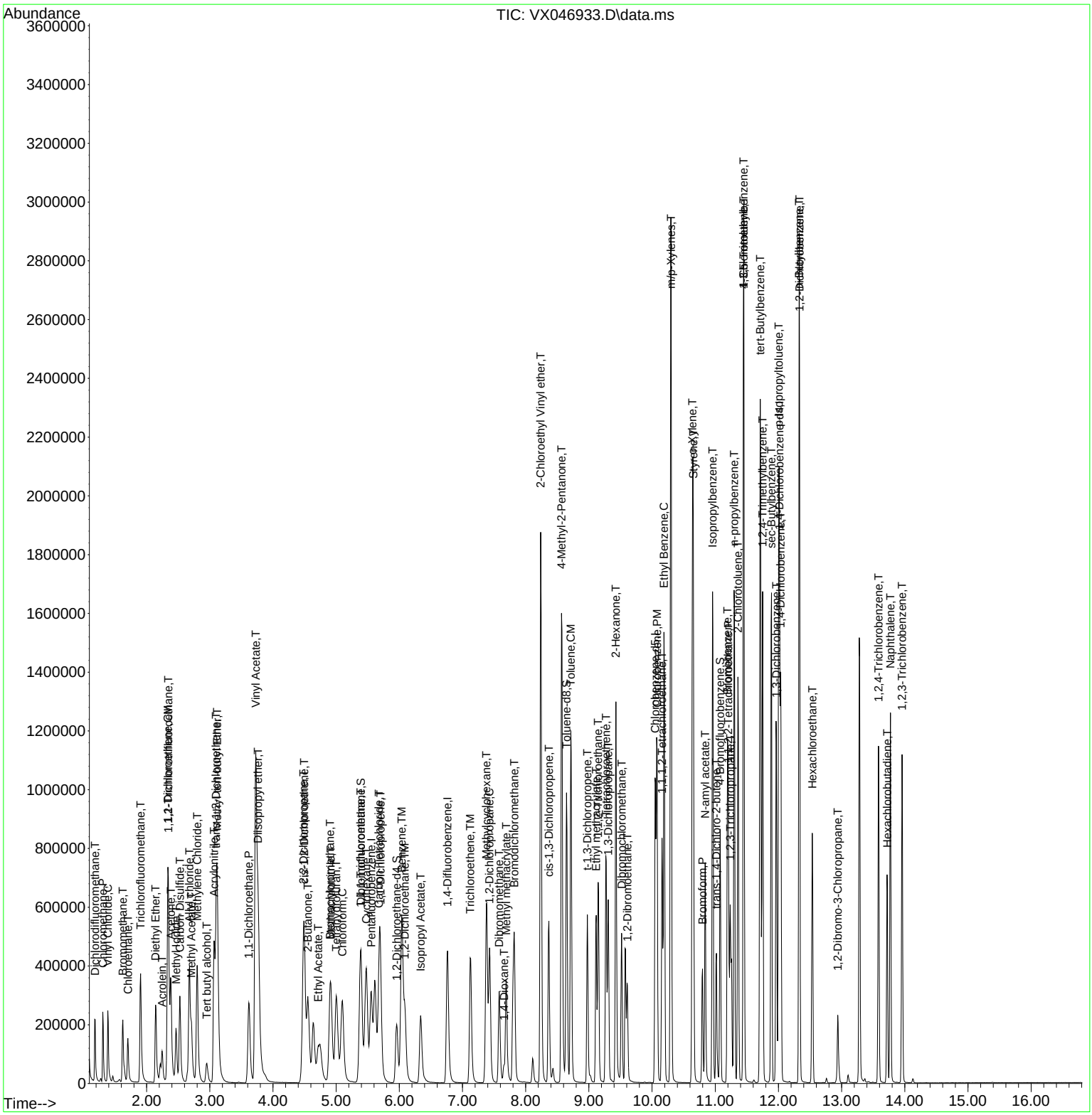
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



Sample Results: **VX046933.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 84 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.478 | 0.491 | -2.7 | 85 | 0.00 |
| 3 | P | Chloromethane | 0.522 | 0.530 | -1.5 | 88 | 0.00 |
| 4 | C | Vinyl Chloride | 0.569 | 0.575 | -1.1# | 88 | 0.00 |
| 5 | T | Bromomethane | 0.366 | 0.384 | -4.9 | 90 | 0.00 |
| 6 | T | Chloroethane | 0.376 | 0.378 | -0.5 | 92 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.880 | 0.925 | -5.1 | 91 | 0.00 |
| 8 | T | Diethyl Ether | 0.313 | 0.349 | -11.5 | 96 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.561 | 0.602 | -7.3 | 92 | 0.00 |
| 10 | T | Methyl Iodide | 0.611 | 0.667 | -9.2 | 89 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.043 | 0.053 | -23.3 | 105 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.542 | 0.561 | -3.5# | 90 | 0.00 |
| 13 | T | Acrolein | 0.052 | 0.056 | -7.7 | 103 | 0.00 |
| 14 | T | Allyl chloride | 0.965 | 1.042 | -8.0 | 93 | 0.00 |
| 15 | T | Acrylonitrile | 0.250 | 0.291 | -16.4 | 99 | 0.00 |
| 16 | T | Acetone | 0.205 | 0.237 | -15.6 | 103 | 0.00 |
| 17 | T | Carbon Disulfide | 1.422 | 1.331 | 6.4 | 83 | 0.00 |
| 18 | T | Methyl Acetate | 0.541 | 0.697 | -28.8# | 106 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.531 | 1.789 | -16.9 | 98 | 0.00 |
| 20 | T | Methylene Chloride | 0.607 | 0.664 | -9.4 | 95 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.555 | 0.582 | -4.9 | 90 | 0.00 |
| 22 | T | Diisopropyl ether | 1.865 | 2.166 | -16.1 | 96 | 0.00 |
| 23 | T | Vinyl Acetate | 1.397 | 1.600 | -14.5 | 95 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.064 | 1.156 | -8.6 | 94 | 0.00 |
| 25 | T | 2-Butanone | 0.274 | 0.323 | -17.9 | 99 | -0.01 |
| 26 | T | 2,2-Dichloropropane | 0.792 | 0.840 | -6.1 | 93 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.677 | 0.724 | -6.9 | 92 | 0.00 |
| 28 | T | Bromochloromethane | 0.525 | 0.563 | -7.2 | 90 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.175 | 0.206 | -17.7 | 99 | 0.00 |
| 30 | C | Chloroform | 1.087 | 1.184 | -8.9# | 95 | 0.00 |
| 31 | T | Cyclohexane | 0.944 | 0.949 | -0.5 | 87 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.908 | 0.966 | -6.4 | 92 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.661 | 0.672 | -1.7 | 87 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 84 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.339 | 0.344 | -1.5 | 85 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.458 | 0.460 | -0.4 | 88 | 0.00 |
| 37 | T | Ethyl Acetate | 0.390 | 0.405 | -3.8 | 95 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.484 | 0.514 | -6.2 | 91 | -0.01 |
| 39 | T | Methylcyclohexane | 0.573 | 0.572 | 0.2 | 85 | 0.00 |
| 40 | TM | Benzene | 1.385 | 1.459 | -5.3 | 91 | -0.01 |
| 41 | T | Methacrylonitrile | 0.208 | 0.260 | -25.0# | 103 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.470 | 0.518 | -10.2 | 95 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.597 | 0.700 | -17.3 | 95 | 0.00 |
| 44 | TM | Trichloroethene | 0.361 | 0.366 | -1.4 | 90 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.350 | 0.379 | -8.3# | 92 | 0.00 |
| 46 | T | Dibromomethane | 0.242 | 0.264 | -9.1 | 93 | 0.00 |
| 47 | T | Bromodichloromethane | 0.518 | 0.576 | -11.2 | 95 | 0.00 |
| 48 | T | Methyl methacrylate | 0.308 | 0.363 | -17.9 | 95 | 0.00 |

Sample Results: **VX046933.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 104 | 0.00 |
| 50 | S | Toluene-d8 | 1.197 | 1.173 | 2.0 | 83 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.353 | 0.415 | -17.6 | 95 | 0.00 |
| 52 | CM | Toluene | 0.858 | 0.906 | -5.6# | 91 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.462 | 0.530 | -14.7 | 94 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.527 | 0.594 | -12.7 | 94 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.320 | 0.359 | -12.2 | 95 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.442 | 0.518 | -17.2 | 95 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.550 | 0.607 | -10.4 | 94 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.249 | 0.297 | -19.3 | 94 | 0.00 |
| 59 | T | 2-Hexanone | 0.234 | 0.282 | -20.5 | 96 | 0.00 |
| 60 | T | Dibromochloromethane | 0.383 | 0.429 | -12.0 | 96 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.321 | 0.361 | -12.5 | 95 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.455 | 0.452 | 0.7 | 84 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 83 | 0.00 |
| 64 | T | Tetrachloroethene | 0.333 | 0.343 | -3.0 | 91 | 0.00 |
| 65 | PM | Chlorobenzene | 1.081 | 1.156 | -6.9 | 92 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.363 | 0.406 | -11.8 | 94 | 0.00 |
| 67 | C | Ethyl Benzene | 1.851 | 1.991 | -7.6# | 91 | 0.00 |
| 68 | T | m/p-Xylenes | 0.698 | 0.748 | -7.2 | 91 | 0.00 |
| 69 | T | o-Xylene | 0.674 | 0.731 | -8.5 | 92 | 0.00 |
| 70 | T | Styrene | 1.153 | 1.280 | -11.0 | 91 | 0.00 |
| 71 | P | Bromoform | 0.270 | 0.310 | -14.8 | 96 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 87 | 0.00 |
| 73 | T | Isopropylbenzene | 3.515 | 3.800 | -8.1 | 91 | 0.00 |
| 74 | T | N-amyl acetate | 1.194 | 1.361 | -14.0 | 93 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.966 | 1.071 | -10.9 | 96 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.773 | 0.850 | -10.0 | 93 | 0.00 |
| 77 | T | Bromobenzene | 0.875 | 0.927 | -5.9 | 92 | 0.00 |
| 78 | T | n-propylbenzene | 4.238 | 4.478 | -5.7 | 90 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.503 | 2.602 | -4.0 | 91 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 2.856 | 3.079 | -7.8 | 91 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.288 | 0.318 | -10.4 | 94 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.888 | 3.091 | -7.0 | 92 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.950 | 3.170 | -7.5 | 91 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 2.887 | 3.094 | -7.2 | 91 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.719 | 3.911 | -5.2 | 90 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.114 | 3.281 | -5.4 | 90 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.637 | 1.724 | -5.3 | 92 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.704 | 1.741 | -2.2 | 92 | 0.00 |
| 89 | T | n-Butylbenzene | 2.926 | 3.074 | -5.1 | 89 | 0.00 |
| 90 | T | Hexachloroethane | 0.552 | 0.588 | -6.5 | 92 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.587 | 1.671 | -5.3 | 92 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.169 | 0.191 | -13.0 | 97 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.078 | 1.137 | -5.5 | 91 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.407 | 0.413 | -1.5 | 87 | 0.00 |
| 95 | T | Naphthalene | 2.840 | 3.240 | -14.1 | 92 | 0.00 |

Sample Results: **VX046933.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 1.019 | 1.098 | -7.8 | 91 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

# Evaluate Continuing Calibration Report

Sample Results: **VX046933.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 84 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 51.309 | -2.6 | 85 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 50.717 | -1.4 | 88 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 50.503 | -1.0# | 88 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 52.473 | -4.9 | 90 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 50.280 | -0.6 | 92 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 52.565 | -5.1 | 91 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 55.664 | -11.3 | 96 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 53.708 | -7.4 | 92 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 54.611 | -9.2 | 89 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 303.026 | -21.2 | 105 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 51.712 | -3.4# | 90 | 0.00 |
| 13 | T | Acrolein | 250.000 | 291.173 | -16.5 | 103 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 53.998 | -8.0 | 93 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 289.980 | -16.0 | 99 | 0.00 |
| 16 | T | Acetone | 250.000 | 288.263 | -15.3 | 103 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 46.811 | 6.4 | 83 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 64.467 | -28.9# | 106 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 58.411 | -16.8 | 98 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 54.721 | -9.4 | 95 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 52.410 | -4.8 | 90 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 58.072 | -16.1 | 96 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 286.319 | -14.5 | 95 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 54.341 | -8.7 | 94 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 295.023 | -18.0 | 99 | -0.01 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 53.046 | -6.1 | 93 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 53.411 | -6.8 | 92 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 53.663 | -7.3 | 90 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 295.346 | -18.1 | 99 | 0.00 |
| 30 | C | Chloroform | 50.000 | 54.475 | -9.0# | 95 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 50.264 | -0.5 | 87 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 53.185 | -6.4 | 92 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 50.904 | -1.8 | 87 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 84 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 50.712 | -1.4 | 85 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 50.259 | -0.5 | 88 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 51.873 | -3.7 | 95 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 53.130 | -6.3 | 91 | -0.01 |
| 39 | T | Methylcyclohexane | 50.000 | 49.948 | 0.1 | 85 | 0.00 |
| 40 | TM | Benzene | 50.000 | 52.669 | -5.3 | 91 | -0.01 |
| 41 | T | Methacrylonitrile | 50.000 | 62.520 | -25.0# | 103 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 55.069 | -10.1 | 95 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 58.622 | -17.2 | 95 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 50.782 | -1.6 | 90 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 54.156 | -8.3# | 92 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 54.505 | -9.0 | 93 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 55.607 | -11.2 | 95 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 58.841 | -17.7 | 95 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 1258.852 | -25.9# | 104 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 48.959 | 2.1 | 83 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 294.193 | -17.7 | 95 | 0.00 |
| 52 | CM | Toluene | 50.000 | 52.775 | -5.5# | 91 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 57.309 | -14.6 | 94 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 56.281 | -12.6 | 94 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 56.221 | -12.4 | 95 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 58.487 | -17.0 | 95 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 55.100 | -10.2 | 94 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 297.352 | -18.9 | 94 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 301.884 | -20.8 | 96 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 56.096 | -12.2 | 96 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 56.184 | -12.4 | 95 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 49.699 | 0.6 | 84 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 83 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 51.447 | -2.9 | 91 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 53.468 | -6.9 | 92 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 55.912 | -11.8 | 94 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 53.771 | -7.5# | 91 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 107.290 | -7.3 | 91 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 54.271 | -8.5 | 92 | 0.00 |
| 70 | T | Styrene | 50.000 | 55.516 | -11.0 | 91 | 0.00 |
| 71 | P | Bromoform | 50.000 | 57.288 | -14.6 | 96 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 87 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 54.059 | -8.1 | 91 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 56.957 | -13.9 | 93 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 55.381 | -10.8 | 96 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 54.995 | -10.0 | 93 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 52.925 | -5.8 | 92 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.828 | -5.7 | 90 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 51.994 | -4.0 | 91 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 53.899 | -7.8 | 91 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 55.146 | -10.3 | 94 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 53.511 | -7.0 | 92 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 53.736 | -7.5 | 91 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 53.589 | -7.2 | 91 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.579 | -5.2 | 90 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 52.668 | -5.3 | 90 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 52.660 | -5.3 | 92 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 51.089 | -2.2 | 92 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 52.526 | -5.1 | 89 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 53.280 | -6.6 | 92 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 52.664 | -5.3 | 92 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 56.504 | -13.0 | 97 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 52.762 | -5.5 | 91 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 50.808 | -1.6 | 87 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 57.028 | -14.1 | 92 | 0.00 |

Sample Results: **VX046933.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046933.D
Acq On : 10 Jul 2025 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Jul 11 07:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 53.919 | -7.8 | 91 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX046961.D**

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: FIRS02
Lab Code: ACE
SDG No.: Q2553
Instrument ID: MSVOA_X
Calibration Date/Time: 07/14/2025 09:16
Lab File ID: VX046961.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.478 | 0.487 | | 1.88 | 20 |
| Chloromethane | 0.522 | 0.477 | 0.1 | -8.62 | 20 |
| Vinyl Chloride | 0.569 | 0.565 | | -0.7 | 20 |
| Bromomethane | 0.366 | 0.365 | | -0.27 | 20 |
| Chloroethane | 0.376 | 0.357 | | -5.05 | 20 |
| Trichlorofluoromethane | 0.880 | 0.919 | | 4.43 | 20 |
| 1,1,2-Trichlorotrifluoroethane | 0.561 | 0.585 | | 4.28 | 20 |
| 1,1-Dichloroethene | 0.542 | 0.553 | | 2.03 | 20 |
| Acetone | 0.205 | 0.234 | | 14.15 | 20 |
| Carbon Disulfide | 1.422 | 1.298 | | -8.72 | 20 |
| Methyl tert-butyl Ether | 1.531 | 1.868 | | 22.01 | 20 |
| Methyl Acetate | 0.541 | 0.769 | | 42.14 | 20 |
| Methylene Chloride | 0.607 | 0.629 | | 3.62 | 20 |
| trans-1,2-Dichloroethene | 0.555 | 0.557 | | 0.36 | 20 |
| 1,1-Dichloroethane | 1.064 | 1.127 | 0.1 | 5.92 | 20 |
| Cyclohexane | 0.944 | 0.919 | | -2.65 | 20 |
| 2-Butanone | 0.274 | 0.340 | | 24.09 | 20 |
| Carbon Tetrachloride | 0.484 | 0.506 | | 4.55 | 20 |
| cis-1,2-Dichloroethene | 0.677 | 0.712 | | 5.17 | 20 |
| Bromochloromethane | 0.525 | 0.551 | | 4.95 | 20 |
| Chloroform | 1.087 | 1.141 | | 4.97 | 20 |
| 1,1,1-Trichloroethane | 0.908 | 0.987 | | 8.7 | 20 |
| Methylcyclohexane | 0.573 | 0.556 | | -2.97 | 20 |
| Benzene | 1.385 | 1.391 | | 0.43 | 20 |
| 1,2-Dichloroethane | 0.470 | 0.497 | | 5.74 | 20 |
| Trichloroethene | 0.361 | 0.355 | | -1.66 | 20 |
| 1,2-Dichloropropane | 0.350 | 0.364 | | 4 | 20 |
| Bromodichloromethane | 0.518 | 0.552 | | 6.56 | 20 |
| 4-Methyl-2-Pentanone | 0.353 | 0.436 | | 23.51 | 20 |
| Toluene | 0.858 | 0.875 | | 1.98 | 20 |
| t-1,3-Dichloropropene | 0.462 | 0.534 | | 15.58 | 20 |
| cis-1,3-Dichloropropene | 0.527 | 0.581 | | 10.25 | 20 |
| 1,1,2-Trichloroethane | 0.320 | 0.348 | | 8.75 | 20 |
| 2-Hexanone | 0.234 | 0.300 | | 28.2 | 20 |
| Dibromochloromethane | 0.383 | 0.413 | | 7.83 | 20 |
| 1,2-Dibromoethane | 0.321 | 0.347 | | 8.1 | 20 |
| Tetrachloroethene | 0.333 | 0.320 | | -3.9 | 20 |
| Chlorobenzene | 1.081 | 1.090 | 0.3 | 0.83 | 20 |

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

Raw Data: **VX046961.D**

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

## VOLATILE CONTINUING CALIBRATION CHECK

| | | | |
|---|---|---|---|
| Lab Name: | Alliance | Contract: | FIRS02 |
| Lab Code: | ACE | SDG No.: | Q2553 |
| Instrument ID: | MSVOA_X | Calibration Date/Time: | 07/14/2025 09:16 |
| Lab File ID: | VX046961.D | Init. Calib. Date(s): | 07/02/2025 07/02/2025 |
| Heated Purge: (Y/N) | N | Init. Calib. Time(s): | 12:11 14:31 |

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Ethyl Benzene | 1.851 | 1.887 | | 1.95 | 20 |
| m/p-Xylenes | 0.698 | 0.709 | | 1.58 | 20 |
| o-Xylene | 0.674 | 0.690 | | 2.37 | 20 |
| Styrene | 1.153 | 1.208 | | 4.77 | 20 |
| Bromoform | 0.270 | 0.301 | 0.1 | 11.48 | 20 |
| Isopropylbenzene | 3.515 | 3.763 | | 7.05 | 20 |
| 1,1,2,2-Tetrachloroethane | 0.966 | 1.107 | 0.3 | 14.6 | 20 |
| 1,3-Dichlorobenzene | 1.637 | 1.719 | | 5.01 | 20 |
| 1,4-Dichlorobenzene | 1.704 | 1.738 | | 2 | 20 |
| 1,2-Dichlorobenzene | 1.587 | 1.657 | | 4.41 | 20 |
| 1,2-Dibromo-3-Chloropropane | 0.169 | 0.217 | | 28.4 | 20 |
| 1,2,4-Trichlorobenzene | 1.078 | 1.145 | | 6.22 | 20 |
| 1,2,3-Trichlorobenzene | 1.019 | 1.115 | | 9.42 | 20 |
| 1,2-Dichloroethane-d4 | 0.661 | 0.674 | | 1.97 | 20 |
| Dibromofluoromethane | 0.339 | 0.336 | | -0.88 | 20 |
| Toluene-d8 | 1.197 | 1.136 | | -5.1 | 20 |
| 4-Bromofluorobenzene | 0.455 | 0.448 | | -1.54 | 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\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 302863 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 503750 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 451308 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 220043 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 204085 | 51.007 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 102.020% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 169374 | 49.532 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 99.060% | | | |
| 50) Toluene-d8 | 8.646 | 98 | 572304 | 47.437 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 94.880% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 225723 | 49.228 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 98.460% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.184 | 85 | 147603 | 50.960 | ug/l | 97 |
| 3) Chloromethane | 1.306 | 50 | 144411 | 45.634 | ug/l | 100 |
| 4) Vinyl Chloride | 1.386 | 62 | 170975 | 49.613 | ug/l | 99 |
| 5) Bromomethane | 1.617 | 94 | 110416 | 49.866 | ug/l | 98 |
| 6) Chloroethane | 1.703 | 64 | 108263 | 47.576 | ug/l | 98 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 278444 | 52.255 | ug/l | 99 |
| 8) Diethyl Ether | 2.142 | 74 | 103256 | 54.452 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 177113 | 52.163 | ug/l | 98 |
| 10) Methyl Iodide | 2.465 | 142 | 150217 | 40.609 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.958 | 59 | 102389 | 390.182 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.331 | 96 | 167555 | 51.020 | ug/l | 99 |
| 13) Acrolein | 2.245 | 56 | 66890 | 230.897 | ug/l | 96 |
| 14) Allyl chloride | 2.678 | 41 | 314746 | 53.830 | ug/l | 99 |
| 15) Acrylonitrile | 3.068 | 53 | 446983 | 294.614 | ug/l | 100 |
| 16) Acetone | 2.385 | 43 | 355078 | 285.701 | ug/l | 97 |
| 17) Carbon Disulfide | 2.526 | 76 | 393167 | 45.650 | ug/l | 100 |
| 18) Methyl Acetate | 2.709 | 43 | 233009 | 71.131 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.123 | 73 | 565691 | 60.996 | ug/l | 98 |
| 20) Methylene Chloride | 2.800 | 84 | 190463 | 51.825 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 168719 | 50.206 | ug/l | 99 |
| 22) Diisopropyl ether | 3.763 | 45 | 636672 | 56.362 | ug/l | 93 |
| 23) Vinyl Acetate | 3.727 | 43 | 2457841 | 290.428 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.617 | 63 | 341398 | 52.993 | ug/l | 100 |
| 25) 2-Butanone | 4.556 | 43 | 515414 | 310.834 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.483 | 77 | 275917 | 57.548 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.495 | 96 | 215696 | 52.571 | ug/l | 98 |
| 28) Bromochloromethane | 4.903 | 49 | 166884 | 52.488 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.007 | 42 | 332902 | 314.945 | ug/l | 99 |
| 30) Chloroform | 5.098 | 83 | 345455 | 52.487 | ug/l | 97 |
| 31) Cyclohexane | 5.476 | 56 | 278385 | 48.675 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 5.385 | 97 | 298910 | 54.360 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.696 | 75 | 229070 | 49.651 | ug/l | 99 |
| 37) Ethyl Acetate | 4.714 | 43 | 218254 | 55.543 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.678 | 117 | 255121 | 52.305 | ug/l | 98 |
| 39) Methylcyclohexane | 7.378 | 83 | 280065 | 48.528 | ug/l | 100 |
| 40) Benzene | 6.037 | 78 | 700628 | 50.208 | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) | Methacrylonitrile | 4.922 | 41 | 128489 | 61.297 | ug/l | 98 |
| 42) | 1,2-Dichloroethane | 6.086 | 62 | 250462 | 52.857 | ug/l | 99 |
| 43) | Isopropyl Acetate | 6.336 | 43 | 372260 | 61.850 | ug/l | 100 |
| 44) | Trichloroethene | 7.128 | 130 | 178886 | 49.245 | ug/l | 100 |
| 45) | 1,2-Dichloropropane | 7.427 | 63 | 183547 | 52.061 | ug/l | 100 |
| 46) | Dibromomethane | 7.580 | 93 | 128605 | 52.647 | ug/l | 100 |
| 47) | Bromodichloromethane | 7.817 | 83 | 278122 | 53.321 | ug/l | 98 |
| 48) | Methyl methacrylate | 7.689 | 41 | 193946 | 62.407 | ug/l | 98 |
| 49) | 1,4-Dioxane | 7.659 | 88 | 48473 | 1346.109 | ug/l | 97 |
| 51) | 4-Methyl-2-Pentanone | 8.567 | 43 | 1097272 | 308.906 | ug/l | 99 |
| 52) | Toluene | 8.720 | 92 | 440638 | 50.957 | ug/l | 97 |
| 53) | t-1,3-Dichloropropene | 8.976 | 75 | 268934 | 57.773 | ug/l | 99 |
| 54) | cis-1,3-Dichloropropene | 8.366 | 75 | 292640 | 55.076 | ug/l | 99 |
| 55) | 1,1,2-Trichloroethane | 9.146 | 97 | 175548 | 54.503 | ug/l | 99 |
| 56) | Ethyl methacrylate | 9.116 | 69 | 266571 | 59.797 | ug/l | 99 |
| 57) | 1,3-Dichloropropane | 9.305 | 76 | 290044 | 52.297 | ug/l | 100 |
| 58) | 2-Chloroethyl Vinyl ether | 8.238 | 63 | 726836 | 289.366 | ug/l | 99 |
| 59) | 2-Hexanone | 9.427 | 43 | 756391 | 321.033 | ug/l | 99 |
| 60) | Dibromochloromethane | 9.518 | 129 | 208127 | 53.995 | ug/l | 98 |
| 61) | 1,2-Dibromoethane | 9.610 | 107 | 174833 | 54.048 | ug/l | 100 |
| 64) | Tetrachloroethene | 9.274 | 164 | 144564 | 48.111 | ug/l | 98 |
| 65) | Chlorobenzene | 10.079 | 112 | 492117 | 50.435 | ug/l | 99 |
| 66) | 1,1,1,2-Tetrachloroethane | 10.158 | 131 | 174818 | 53.296 | ug/l | 99 |
| 67) | Ethyl Benzene | 10.189 | 91 | 851825 | 50.977 | ug/l | 98 |
| 68) | m/p-Xylenes | 10.299 | 106 | 639926 | 101.630 | ug/l | 99 |
| 69) | o-Xylene | 10.640 | 106 | 311366 | 51.192 | ug/l | 99 |
| 70) | Styrene | 10.652 | 104 | 545199 | 52.392 | ug/l | 99 |
| 71) | Bromoform | 10.799 | 173 | 135889 | 55.717 | ug/l | 98 |
| 73) | Isopropylbenzene | 10.957 | 105 | 828004 | 53.529 | ug/l | 100 |
| 74) | N-amyl acetate | 10.841 | 43 | 332486 | 63.254 | ug/l | 99 |
| 75) | 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 243489 | 57.246 | ug/l | 100 |
| 76) | 1,2,3-Trichloropropane | 11.237 | 75 | 200865m | 59.079 | ug/l | |
| 77) | Bromobenzene | 11.195 | 156 | 203317 | 52.769 | ug/l | 99 |
| 78) | n-propylbenzene | 11.298 | 91 | 984641 | 52.791 | ug/l | 100 |
| 79) | 2-Chlorotoluene | 11.359 | 91 | 580504 | 52.710 | ug/l | 99 |
| 80) | 1,3,5-Trimethylbenzene | 11.451 | 105 | 678149 | 53.955 | ug/l | 99 |
| 81) | trans-1,4-Dichloro-2-b... | 11.018 | 75 | 77554 | 61.211 | ug/l | 99 |
| 82) | 4-Chlorotoluene | 11.451 | 91 | 675805 | 53.174 | ug/l | 100 |
| 83) | tert-Butylbenzene | 11.713 | 119 | 704065 | 54.236 | ug/l | 100 |
| 84) | 1,2,4-Trimethylbenzene | 11.750 | 105 | 686276 | 54.020 | ug/l | 97 |
| 85) | sec-Butylbenzene | 11.890 | 105 | 868859 | 53.085 | ug/l | 99 |
| 86) | p-Isopropyltoluene | 12.006 | 119 | 730626 | 53.306 | ug/l | 99 |
| 87) | 1,3-Dichlorobenzene | 11.969 | 146 | 378343 | 52.505 | ug/l | 99 |
| 88) | 1,4-Dichlorobenzene | 12.036 | 146 | 382476 | 51.000 | ug/l | 99 |
| 89) | n-Butylbenzene | 12.329 | 91 | 679556 | 52.767 | ug/l | 99 |
| 90) | Hexachloroethane | 12.536 | 117 | 133002 | 54.739 | ug/l | 97 |
| 91) | 1,2-Dichlorobenzene | 12.329 | 146 | 364556 | 52.207 | ug/l | 100 |
| 92) | 1,2-Dibromo-3-Chloropr... | 12.938 | 75 | 47729 | 64.157 | ug/l | 96 |
| 93) | 1,2,4-Trichlorobenzene | 13.585 | 180 | 251875 | 53.095 | ug/l | 99 |
| 94) | Hexachlorobutadiene | 13.719 | 225 | 94846 | 53.015 | ug/l | 98 |
| 95) | Naphthalene | 13.774 | 128 | 754921 | 60.391 | ug/l | 100 |
| 96) | 1,2,3-Trichlorobenzene | 13.957 | 180 | 245343 | 54.736 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 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

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

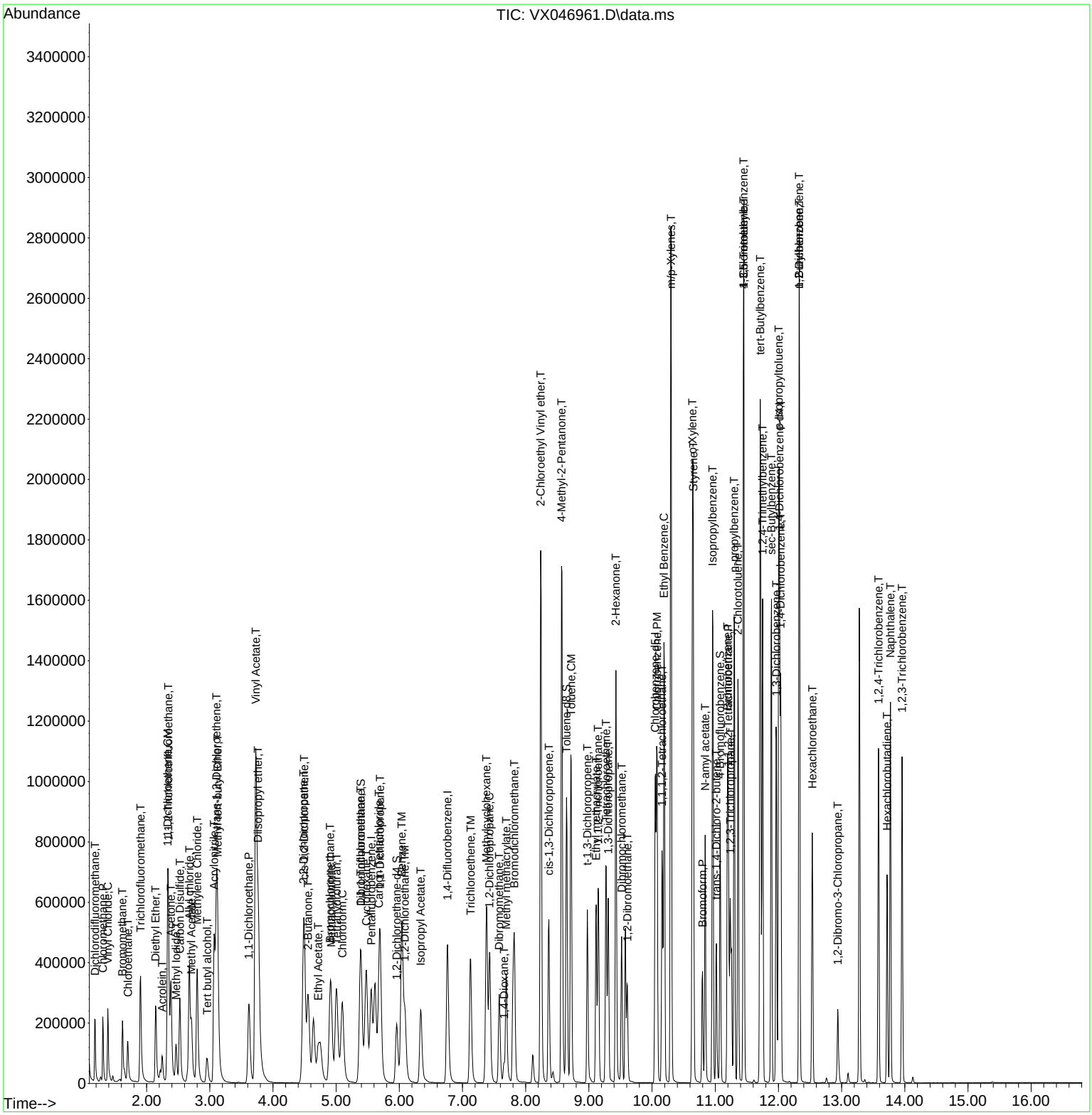
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 2025 09:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 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: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 82 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.478 | 0.487 | -1.9 | 82 | 0.00 |
| 3 | P | Chloromethane | 0.522 | 0.477 | 8.6 | 77 | 0.00 |
| 4 | C | Vinyl Chloride | 0.569 | 0.565 | 0.7# | 84 | 0.00 |
| 5 | T | Bromomethane | 0.366 | 0.365 | 0.3 | 83 | 0.00 |
| 6 | T | Chloroethane | 0.376 | 0.357 | 5.1 | 85 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.880 | 0.919 | -4.4 | 88 | 0.00 |
| 8 | T | Diethyl Ether | 0.313 | 0.341 | -8.9 | 92 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.561 | 0.585 | -4.3 | 88 | 0.00 |
| 10 | T | Methyl Iodide | 0.611 | 0.496 | 18.8 | 65 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.043 | 0.068 | -58.1# | 132 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.542 | 0.553 | -2.0# | 87 | 0.00 |
| 13 | T | Acrolein | 0.052 | 0.044 | 15.4 | 80 | 0.00 |
| 14 | T | Allyl chloride | 0.965 | 1.039 | -7.7 | 91 | 0.00 |
| 15 | T | Acrylonitrile | 0.250 | 0.295 | -18.0 | 99 | 0.00 |
| 16 | T | Acetone | 0.205 | 0.234 | -14.1 | 100 | 0.00 |
| 17 | T | Carbon Disulfide | 1.422 | 1.298 | 8.7 | 80 | 0.00 |
| 18 | T | Methyl Acetate | 0.541 | 0.769 | -42.1# | 114 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.531 | 1.868 | -22.0 | 101 | 0.00 |
| 20 | T | Methylene Chloride | 0.607 | 0.629 | -3.6 | 88 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.555 | 0.557 | -0.4 | 85 | 0.00 |
| 22 | T | Diisopropyl ether | 1.865 | 2.102 | -12.7 | 91 | 0.00 |
| 23 | T | Vinyl Acetate | 1.397 | 1.623 | -16.2 | 94 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 1.064 | 1.127 | -5.9 | 89 | 0.00 |
| 25 | T | 2-Butanone | 0.274 | 0.340 | -24.1 | 102 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.792 | 0.911 | -15.0 | 98 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.677 | 0.712 | -5.2 | 89 | 0.00 |
| 28 | T | Bromochloromethane | 0.525 | 0.551 | -5.0 | 86 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.175 | 0.220 | -25.7# | 103 | 0.00 |
| 30 | C | Chloroform | 1.087 | 1.141 | -5.0# | 89 | 0.00 |
| 31 | T | Cyclohexane | 0.944 | 0.919 | 2.6 | 82 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.908 | 0.987 | -8.7 | 92 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.661 | 0.674 | -2.0 | 86 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 84 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.339 | 0.336 | 0.9 | 83 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.458 | 0.455 | 0.7 | 87 | 0.00 |
| 37 | T | Ethyl Acetate | 0.390 | 0.433 | -11.0 | 101 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.484 | 0.506 | -4.5 | 89 | -0.01 |
| 39 | T | Methylcyclohexane | 0.573 | 0.556 | 3.0 | 82 | 0.00 |
| 40 | TM | Benzene | 1.385 | 1.391 | -0.4 | 86 | -0.01 |
| 41 | T | Methacrylonitrile | 0.208 | 0.255 | -22.6 | 100 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 0.470 | 0.497 | -5.7 | 91 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.597 | 0.739 | -23.8 | 100 | 0.00 |
| 44 | TM | Trichloroethene | 0.361 | 0.355 | 1.7 | 86 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.350 | 0.364 | -4.0# | 88 | 0.00 |
| 46 | T | Dibromomethane | 0.242 | 0.255 | -5.4 | 89 | 0.00 |
| 47 | T | Bromodichloromethane | 0.518 | 0.552 | -6.6 | 91 | 0.00 |
| 48 | T | Methyl methacrylate | 0.308 | 0.385 | -25.0# | 100 | 0.00 |

Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 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: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 0.005 | -25.0 | 111 | 0.00 |
| 50 | S | Toluene-d8 | 1.197 | 1.136 | 5.1 | 80 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.353 | 0.436 | -23.5 | 100 | 0.00 |
| 52 | CM | Toluene | 0.858 | 0.875 | -2.0# | 87 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.462 | 0.534 | -15.6 | 95 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.527 | 0.581 | -10.2 | 91 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.320 | 0.348 | -8.7 | 92 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.442 | 0.529 | -19.7 | 97 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.550 | 0.576 | -4.7 | 89 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.249 | 0.289 | -16.1 | 91 | 0.00 |
| 59 | T | 2-Hexanone | 0.234 | 0.300 | -28.2# | 102 | 0.00 |
| 60 | T | Dibromochloromethane | 0.383 | 0.413 | -7.8 | 92 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.321 | 0.347 | -8.1 | 91 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.455 | 0.448 | 1.5 | 83 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 84 | 0.00 |
| 64 | T | Tetrachloroethene | 0.333 | 0.320 | 3.9 | 85 | 0.00 |
| 65 | PM | Chlorobenzene | 1.081 | 1.090 | -0.8 | 87 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.363 | 0.387 | -6.6 | 90 | 0.00 |
| 67 | C | Ethyl Benzene | 1.851 | 1.887 | -1.9# | 86 | 0.00 |
| 68 | T | m/p-Xylenes | 0.698 | 0.709 | -1.6 | 86 | 0.00 |
| 69 | T | o-Xylene | 0.674 | 0.690 | -2.4 | 87 | 0.00 |
| 70 | T | Styrene | 1.153 | 1.208 | -4.8 | 86 | 0.00 |
| 71 | P | Bromoform | 0.270 | 0.301 | -11.5 | 94 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 82 | 0.00 |
| 73 | T | Isopropylbenzene | 3.515 | 3.763 | -7.1 | 86 | 0.00 |
| 74 | T | N-amyl acetate | 1.194 | 1.511 | -26.5# | 98 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.966 | 1.107 | -14.6 | 95 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.773 | 0.913 | -18.1 | 96 | 0.00 |
| 77 | T | Bromobenzene | 0.875 | 0.924 | -5.6 | 87 | 0.00 |
| 78 | T | n-propylbenzene | 4.238 | 4.475 | -5.6 | 86 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.503 | 2.638 | -5.4 | 88 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 2.856 | 3.082 | -7.9 | 87 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.288 | 0.352 | -22.2 | 100 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.888 | 3.071 | -6.3 | 87 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.950 | 3.200 | -8.5 | 87 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 2.887 | 3.119 | -8.0 | 87 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.719 | 3.949 | -6.2 | 86 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.114 | 3.320 | -6.6 | 87 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.637 | 1.719 | -5.0 | 87 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.704 | 1.738 | -2.0 | 88 | 0.00 |
| 89 | T | n-Butylbenzene | 2.926 | 3.088 | -5.5 | 85 | 0.00 |
| 90 | T | Hexachloroethane | 0.552 | 0.604 | -9.4 | 90 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.587 | 1.657 | -4.4 | 87 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.169 | 0.217 | -28.4# | 105 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 1.078 | 1.145 | -6.2 | 87 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.407 | 0.431 | -5.9 | 87 | 0.00 |
| 95 | T | Naphthalene | 2.840 | 3.431 | -20.8 | 93 | 0.00 |

Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 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: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 1.019 | 1.115 | -9.4 | 88 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 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: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 82 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 50.960 | -1.9 | 82 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 45.634 | 8.7 | 77 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 49.613 | 0.8# | 84 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 49.866 | 0.3 | 83 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 47.576 | 4.8 | 85 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 52.255 | -4.5 | 88 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 54.452 | -8.9 | 92 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 52.163 | -4.3 | 88 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 40.609 | 18.8 | 65 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 390.182 | -56.1# | 132 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 51.020 | -2.0# | 87 | 0.00 |
| 13 | T | Acrolein | 250.000 | 230.897 | 7.6 | 80 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 53.830 | -7.7 | 91 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 294.614 | -17.8 | 99 | 0.00 |
| 16 | T | Acetone | 250.000 | 285.701 | -14.3 | 100 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 45.650 | 8.7 | 80 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 71.131 | -42.3# | 114 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 60.996 | -22.0 | 101 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 51.825 | -3.7 | 88 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 50.206 | -0.4 | 85 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 56.362 | -12.7 | 91 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 290.428 | -16.2 | 94 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 52.993 | -6.0 | 89 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 310.834 | -24.3 | 102 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 57.548 | -15.1 | 98 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 52.571 | -5.1 | 89 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 52.488 | -5.0 | 86 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 314.945 | -26.0# | 103 | 0.00 |
| 30 | C | Chloroform | 50.000 | 52.487 | -5.0# | 89 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 48.675 | 2.7 | 82 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 54.360 | -8.7 | 92 | -0.01 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 51.007 | -2.0 | 86 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 84 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 49.532 | 0.9 | 83 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 49.651 | 0.7 | 87 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 55.543 | -11.1 | 101 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 52.305 | -4.6 | 89 | -0.01 |
| 39 | T | Methylcyclohexane | 50.000 | 48.528 | 2.9 | 82 | 0.00 |
| 40 | TM | Benzene | 50.000 | 50.208 | -0.4 | 86 | -0.01 |
| 41 | T | Methacrylonitrile | 50.000 | 61.297 | -22.6 | 100 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 52.857 | -5.7 | 91 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 61.850 | -23.7 | 100 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 49.245 | 1.5 | 86 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 52.061 | -4.1# | 88 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 52.647 | -5.3 | 89 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 53.321 | -6.6 | 91 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 62.407 | -24.8 | 100 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 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: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 1346.109 | -34.6# | 111 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 47.437 | 5.1 | 80 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 308.906 | -23.6 | 100 | 0.00 |
| 52 | CM | Toluene | 50.000 | 50.957 | -1.9# | 87 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 57.773 | -15.5 | 95 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 55.076 | -10.2 | 91 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 54.503 | -9.0 | 92 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 59.797 | -19.6 | 97 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 52.297 | -4.6 | 89 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 289.366 | -15.7 | 91 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 321.033 | -28.4# | 102 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 53.995 | -8.0 | 92 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 54.048 | -8.1 | 91 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 49.228 | 1.5 | 83 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 84 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 48.111 | 3.8 | 85 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.435 | -0.9 | 87 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 53.296 | -6.6 | 90 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 50.977 | -2.0# | 86 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 101.630 | -1.6 | 86 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 51.192 | -2.4 | 87 | 0.00 |
| 70 | T | Styrene | 50.000 | 52.392 | -4.8 | 86 | 0.00 |
| 71 | P | Bromoform | 50.000 | 55.717 | -11.4 | 94 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 82 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 53.529 | -7.1 | 86 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 63.254 | -26.5# | 98 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 57.246 | -14.5 | 95 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 59.079 | -18.2 | 96 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 52.769 | -5.5 | 87 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.791 | -5.6 | 86 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 52.710 | -5.4 | 88 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 53.955 | -7.9 | 87 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 61.211 | -22.4 | 100 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 53.174 | -6.3 | 87 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 54.236 | -8.5 | 87 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 54.020 | -8.0 | 87 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 53.085 | -6.2 | 86 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 53.306 | -6.6 | 87 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 52.505 | -5.0 | 87 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 51.000 | -2.0 | 88 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 52.767 | -5.5 | 85 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 54.739 | -9.5 | 90 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 52.207 | -4.4 | 87 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 64.157 | -28.3# | 105 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 53.095 | -6.2 | 87 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 53.015 | -6.0 | 87 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 60.391 | -20.8 | 93 | 0.00 |

Sample Results: **VX046961.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046961.D
Acq On : 14 Jul 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: Jul 15 01:12:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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 | 54.736 | -9.5 | 88 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6

# QC SAMPLE DATA

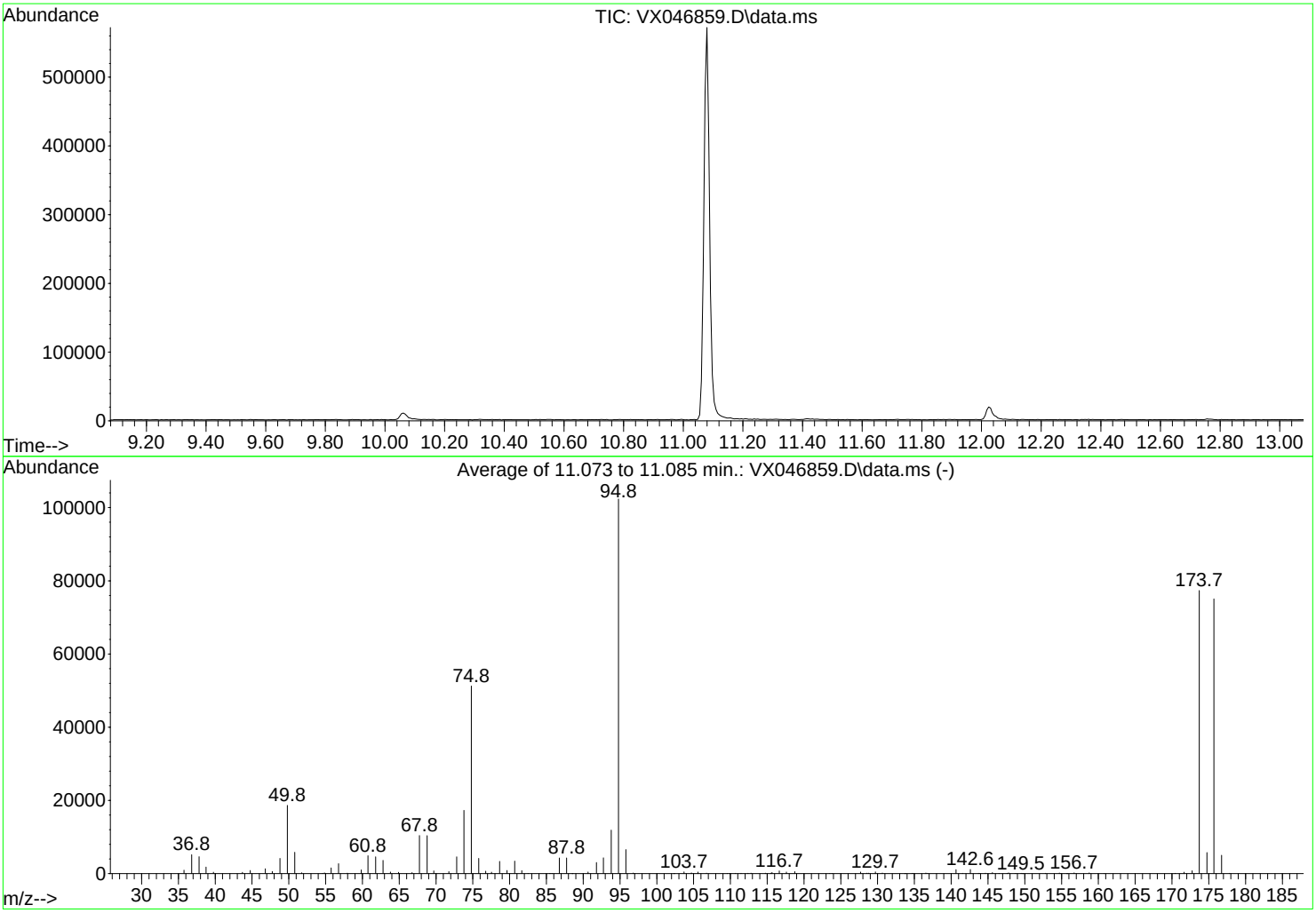
Sample Results: **VX046859.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046859.D
Acq On : 02 Jul 2025 11:12
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\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025




AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.2 | 18657 | PASS |
| 75 | 95 | 30 | 60 | 50.1 | 51248 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 102357 | PASS |
| 96 | 95 | 5 | 9 | 6.4 | 6574 | PASS |
| 173 | 174 | 0.00 | 2 | 1.0 | 779 | PASS |
| 174 | 95 | 50 | 100 | 75.5 | 77328 | PASS |
| 175 | 174 | 5 | 9 | 7.4 | 5758 | PASS |
| 176 | 174 | 95 | 101 | 97.1 | 75051 | PASS |
| 177 | 176 | 5 | 9 | 6.7 | 5020 | PASS |

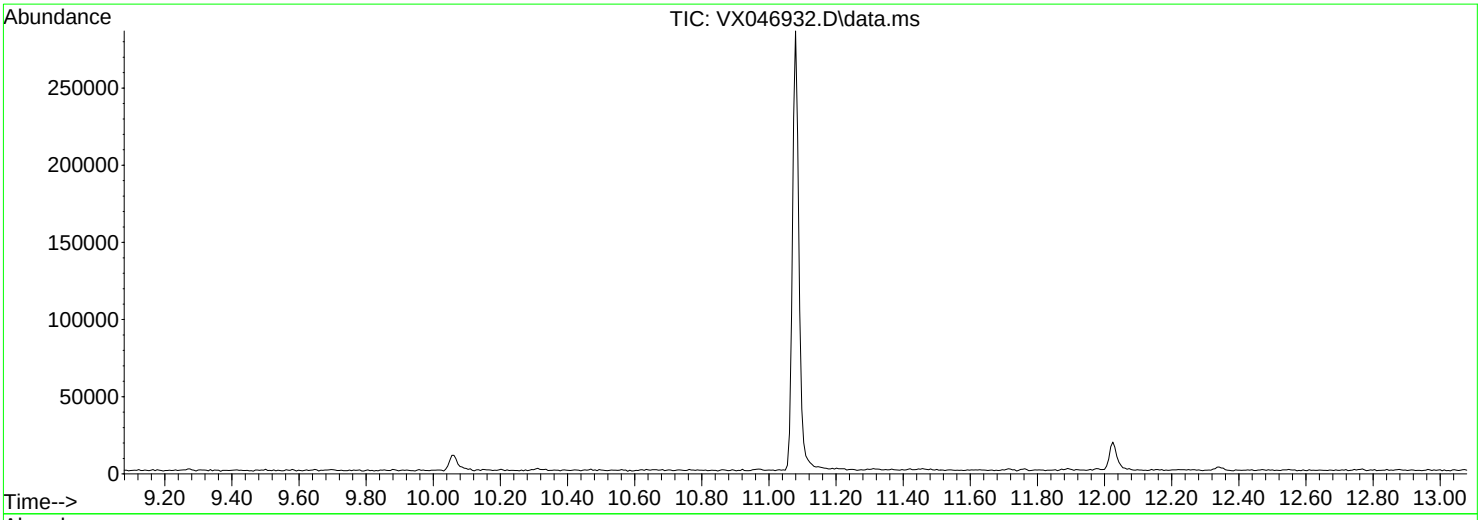
Sample Results: **VX046932.D**

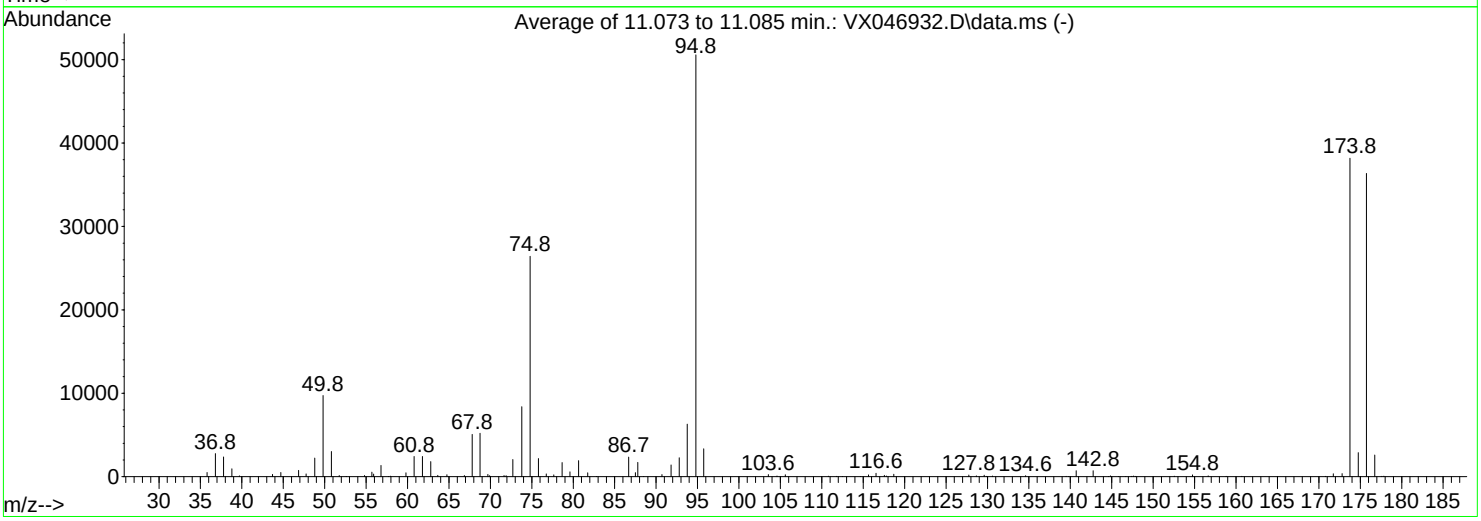
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046932.D
Acq On : 10 Jul 2025 08:43
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025




AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 19.2 | 9734 | PASS |
| 75 | 95 | 30 | 60 | 52.3 | 26427 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 50573 | PASS |
| 96 | 95 | 5 | 9 | 6.6 | 3335 | PASS |
| 173 | 174 | 0.00 | 2 | 1.0 | 375 | PASS |
| 174 | 95 | 50 | 100 | 75.5 | 38187 | PASS |
| 175 | 174 | 5 | 9 | 7.6 | 2886 | PASS |
| 176 | 174 | 95 | 101 | 95.2 | 36363 | PASS |
| 177 | 176 | 5 | 9 | 7.1 | 2582 | PASS |

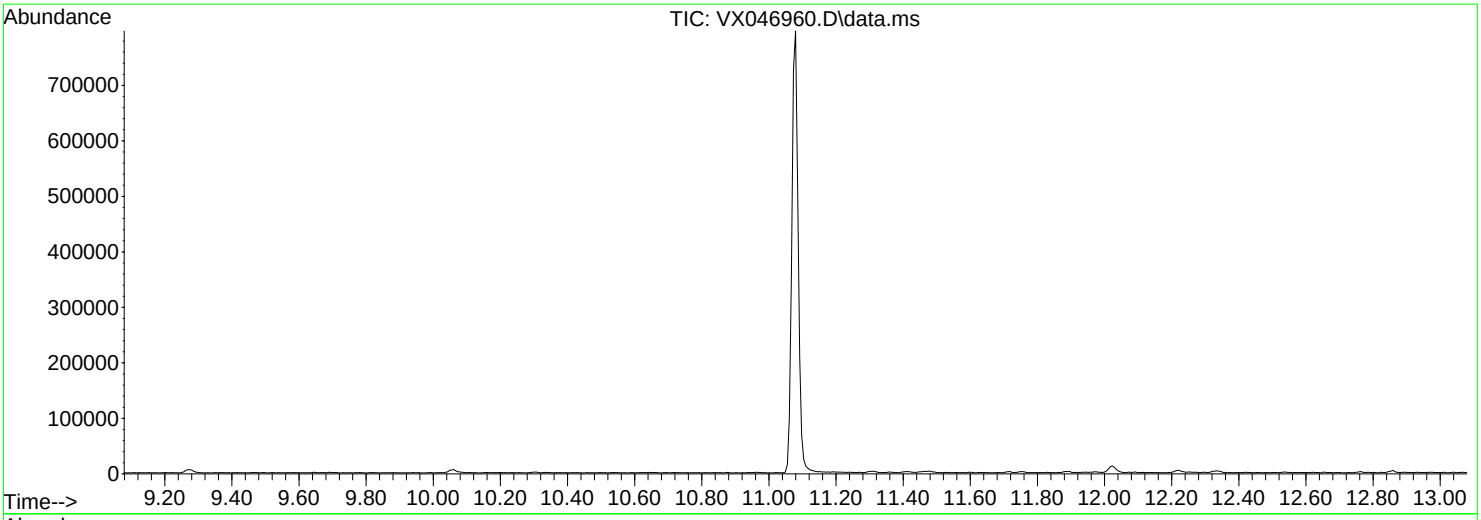
Sample Results: **VX046960.D**

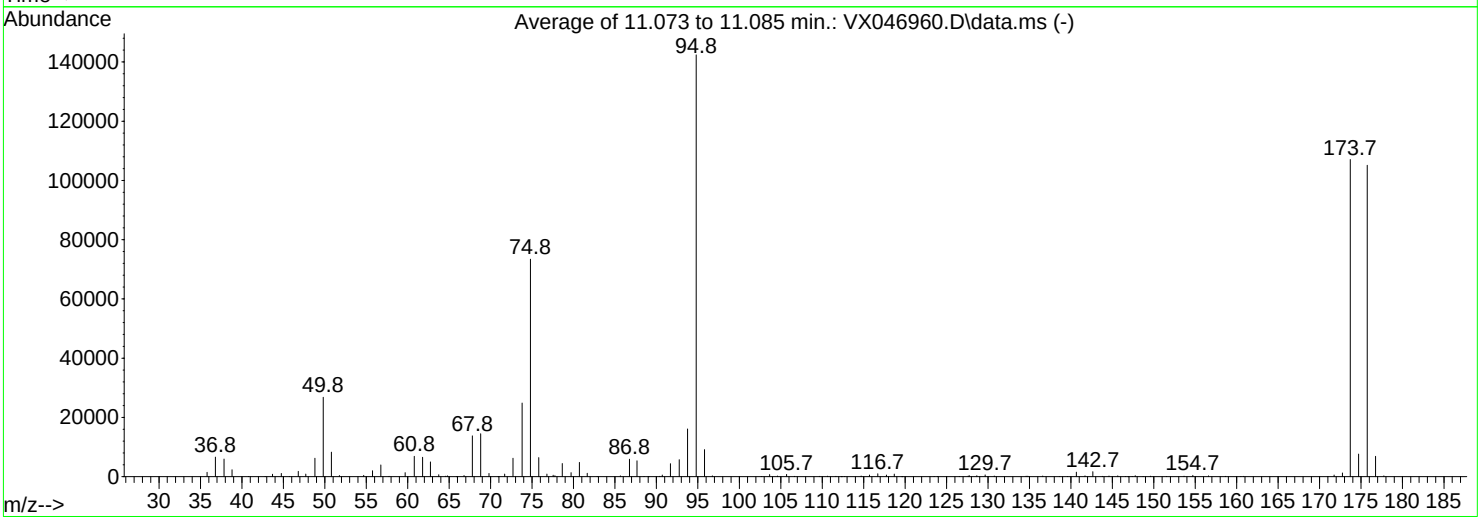
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046960.D
Acq On : 14 Jul 2025 08:10
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025




AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 50 | 95 | 15 | 40 | 18.8 | 26781 | PASS |
| 75 | 95 | 30 | 60 | 51.6 | 73443 | PASS |
| 95 | 95 | 100 | 100 | 100.0 | 142411 | PASS |
| 96 | 95 | 5 | 9 | 6.4 | 9140 | PASS |
| 173 | 174 | 0.00 | 2 | 1.2 | 1263 | PASS |
| 174 | 95 | 50 | 100 | 75.2 | 107085 | PASS |
| 175 | 174 | 5 | 9 | 7.1 | 7620 | PASS |
| 176 | 174 | 95 | 101 | 98.2 | 105131 | PASS |
| 177 | 176 | 5 | 9 | 6.5 | 6863 | PASS |

Raw Data: **VX046935.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0710WBL01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0710WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046935.D | 1 | 07/10/25 11:44 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 1.00 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 1.00 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 1.00 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 5.00 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 1.00 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 1.00 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.00 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 1.00 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 5.00 | U | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 1.00 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 1.00 | U | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 1.00 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 1.00 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 1.00 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 1.00 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 5.00 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 5.00 | U | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 1.00 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 1.00 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 1.00 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 1.00 | U | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 1.00 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 1.00 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 1.00 | U | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 1.00 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 1.00 | U | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 1.00 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 1.00 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 5.00 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 1.00 | U | 0.14 | 1.00 | ug/L |

Raw Data: **VX046935.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0710WBL01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0710WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046935.D | 1 | 07/10/25 11:44 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 1.00 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.00 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 1.00 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 5.00 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 1.00 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 1.00 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 1.00 | U | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 1.00 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 1.00 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 2.00 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 1.00 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 1.00 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 1.00 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 1.00 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.00 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 1.00 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 1.00 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 1.00 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 1.00 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.00 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.00 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 56.6 | | 70 (74) - 130 (125) | 113% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.6 | | 70 (75) - 130 (124) | 99% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 50.8 | | 70 (86) - 130 (113) | 102% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 51.5 | | 70 (77) - 130 (121) | 103% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 311000 | 5.555 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 569000 | 6.763 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 544000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 272000 | 12.018 | | | |

Raw Data: **VX046935.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0710WBL01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0710WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046935.D | 1 | 07/10/25 11:44 | VX071025 |

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Quant Time: Jul 11 01:26:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.555 | 168 | 311309 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 568946 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 543608 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 271904 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 232769 | 56.598 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 113.200% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 191587 | 49.608 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 99.220% | | | |
| 50) Toluene-d8 | 8.646 | 98 | 692184 | 50.799 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 101.600% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 266771 | 51.513 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 103.020% | | | |

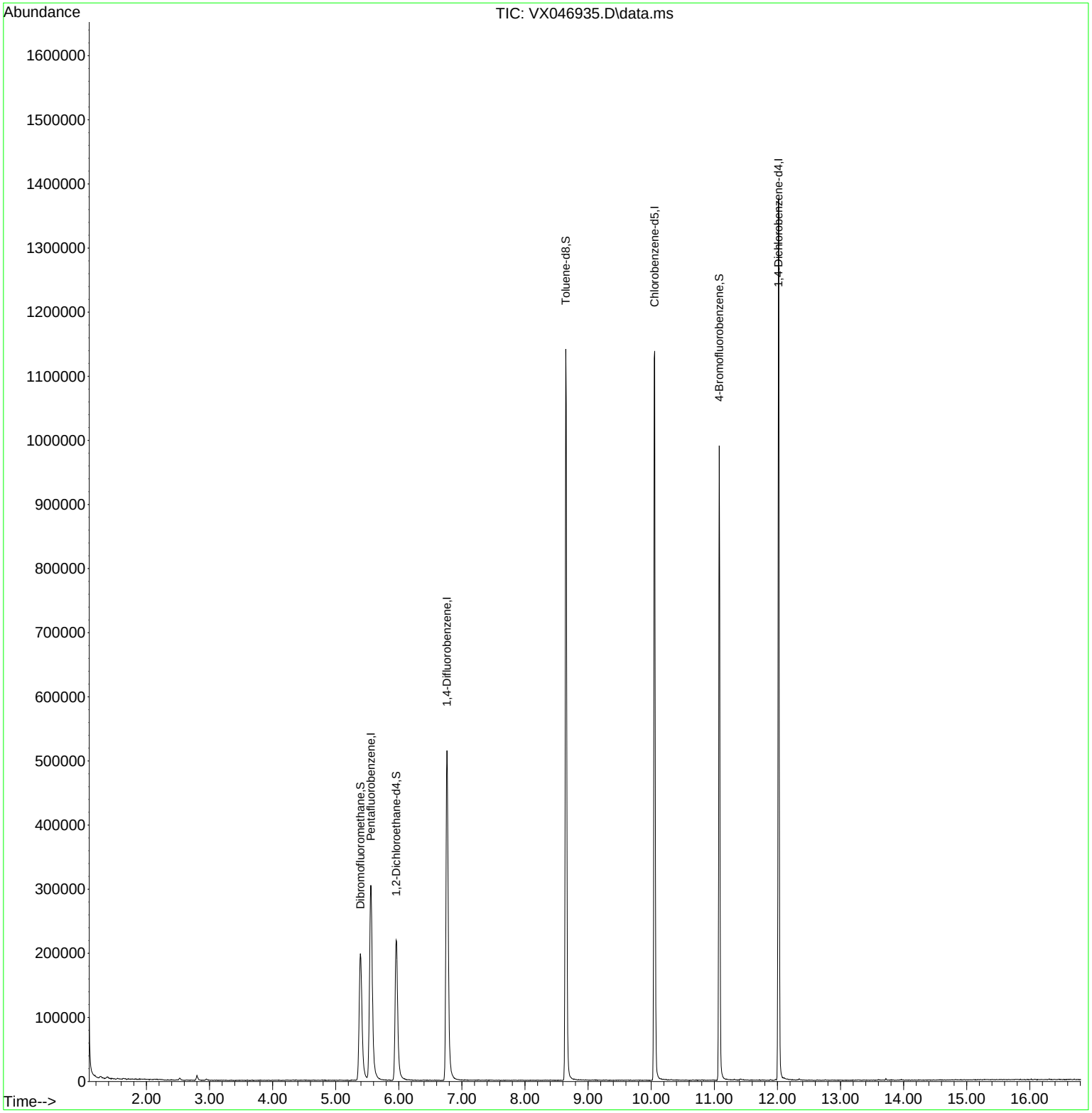
Target Compounds Qvalue

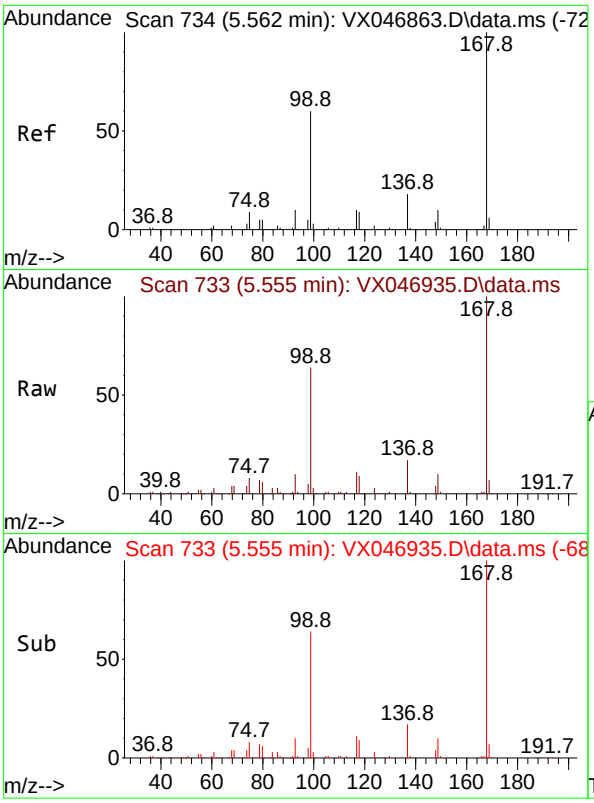
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Quant Time: Jul 11 01:26:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



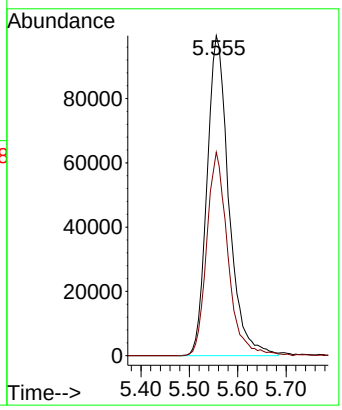


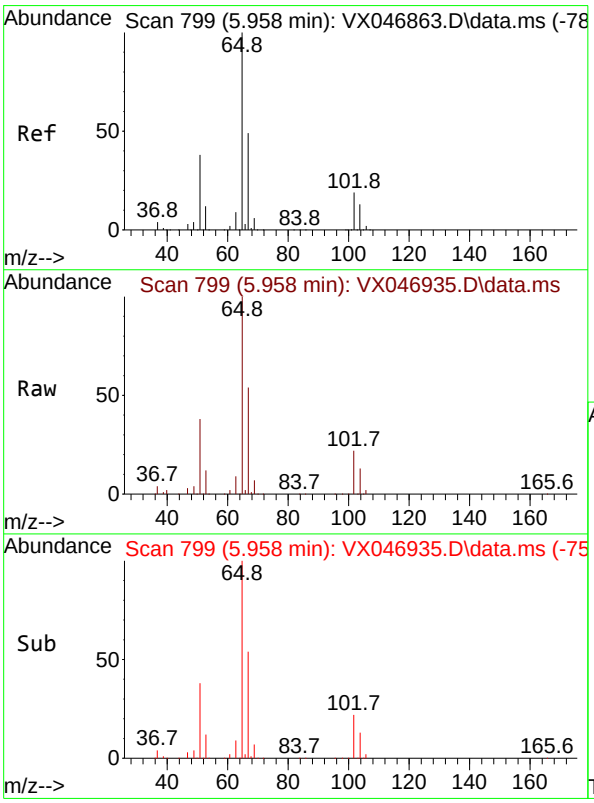

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Tgt Ion:168 Resp: 311309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.6 | 48.8 | 73.2 |

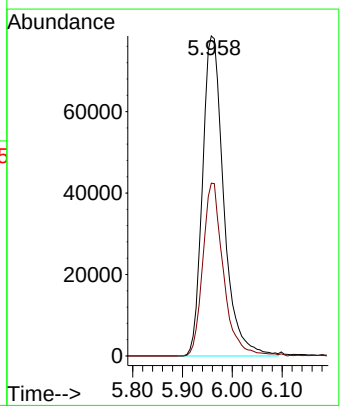


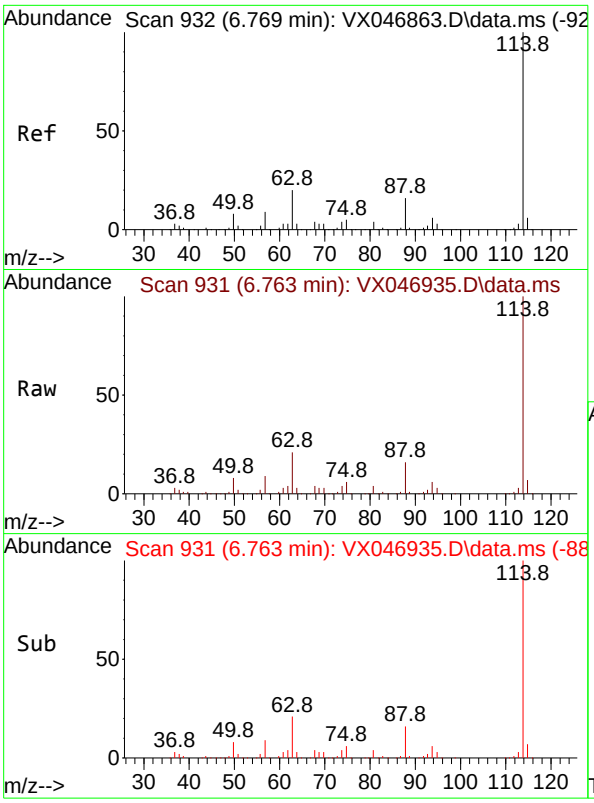




#33
1,2-Dichloroethane-d4
Concen: 56.598 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion: 65 Resp: 232769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.4 | 0.0 | 105.2 |



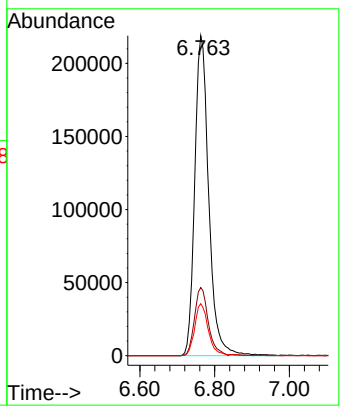


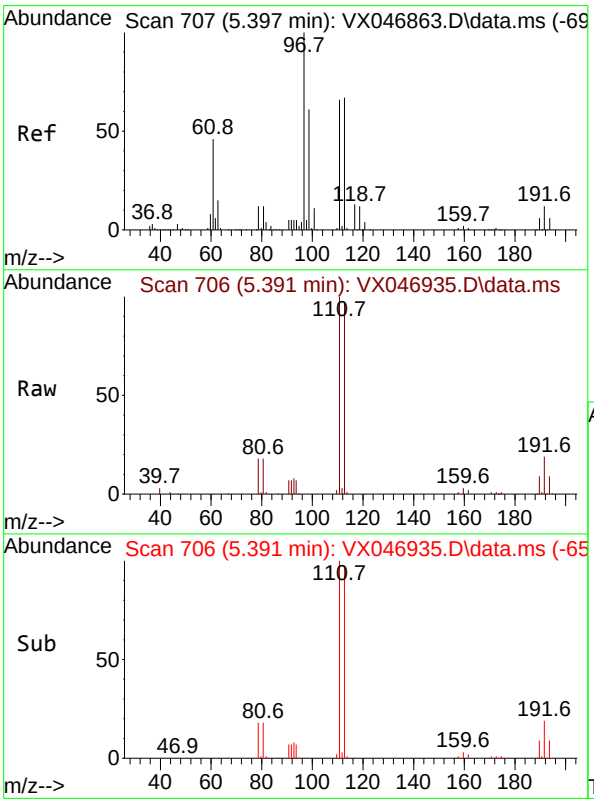

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.007 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Tgt Ion:114 Resp: 568946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.3 | 0.0 | 40.4 |
| 88 | 16.3 | 0.0 | 31.0 |

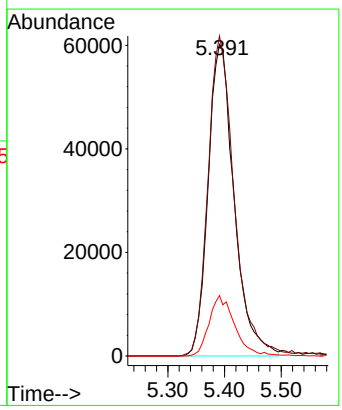


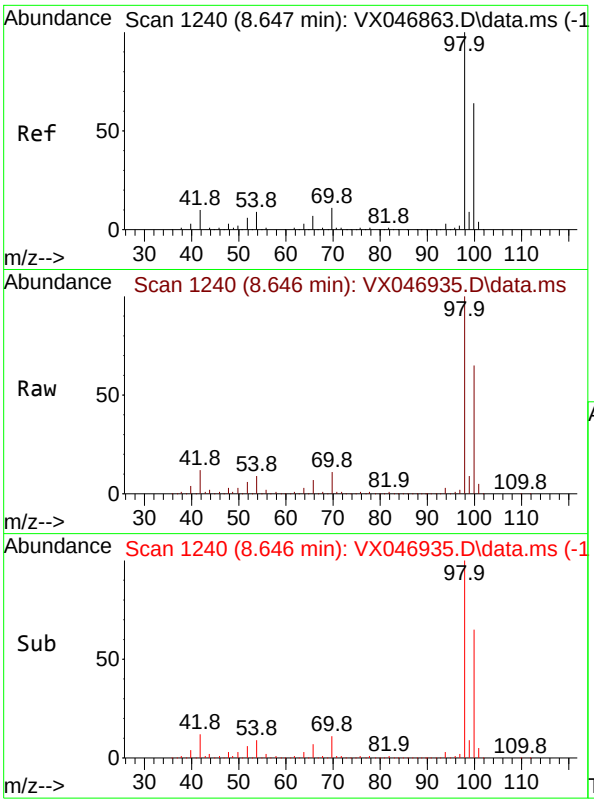




#35
Dibromofluoromethane
Concen: 49.608 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.007 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion:113 Resp: 191587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 81.2 | 121.8 |
| 192 | 19.1 | 15.3 | 22.9 |



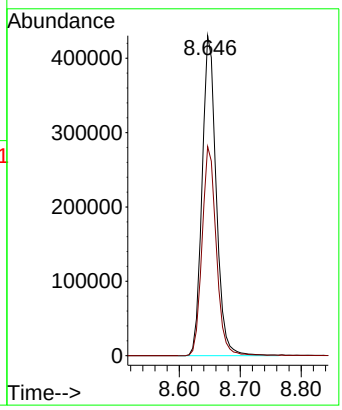


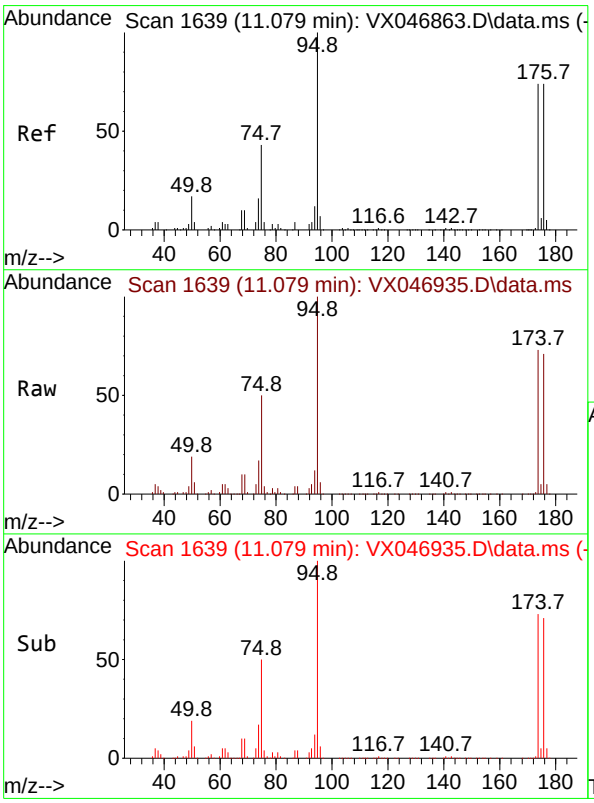

#50
Toluene-d8
Concen: 50.799 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Tgt Ion: 98 Resp: 692184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 53.0 | 79.6 |

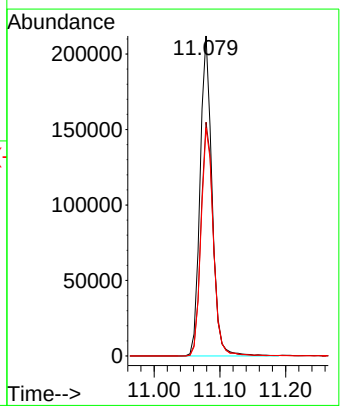


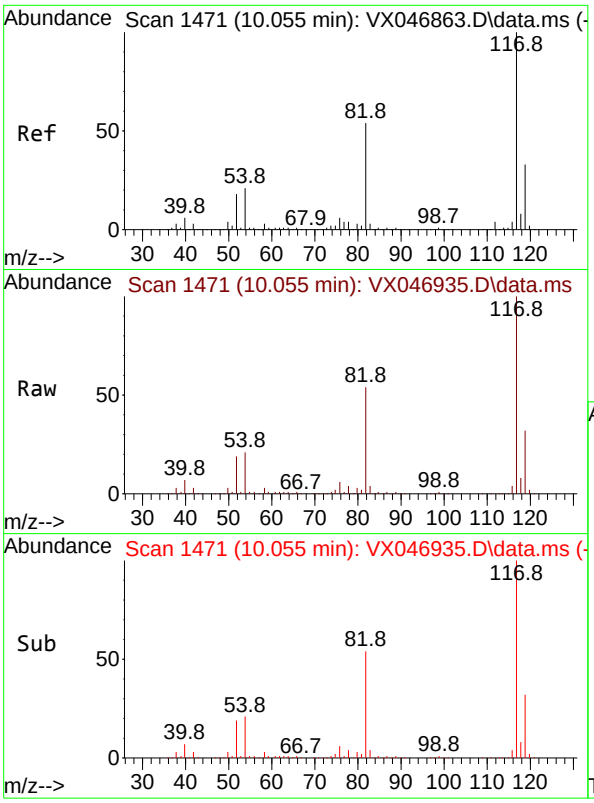




#62
4-Bromofluorobenzene
Concen: 51.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion: 95 Resp: 266771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.9 | 0.0 | 152.0 |
| 176 | 73.7 | 0.0 | 145.2 |



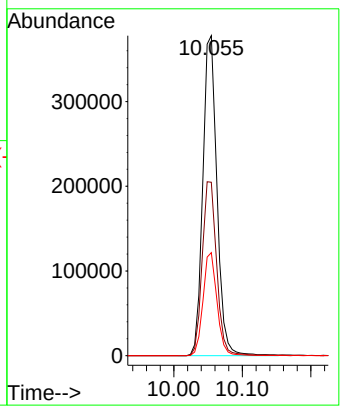


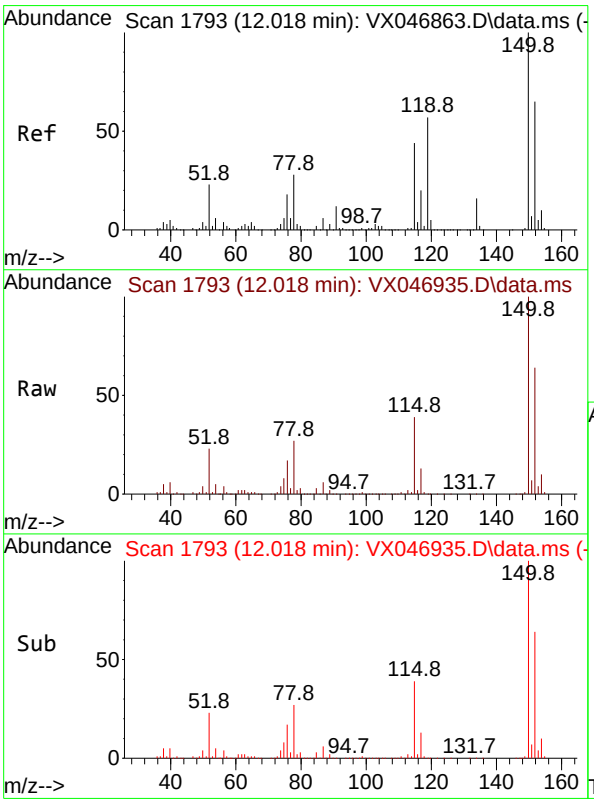

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Tgt Ion:117 Resp: 543608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.2 | 43.3 | 64.9 |
| 119 | 32.2 | 26.4 | 39.6 |

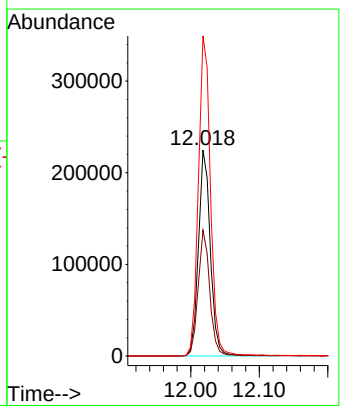



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion:152 Resp: 271904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.8 | 42.4 | 127.1 |
| 150 | 158.6 | 0.0 | 349.2 |



Sample Results: **VX046935.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046935.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.391 | 694 | 706 | 723 | rBV3 | 197586 | 633668 | 34.11% | 6.330% |
| 2 | 5.555 | 723 | 733 | 755 | rVB | 302424 | 944882 | 50.86% | 9.439% |
| 3 | 5.958 | 789 | 799 | 821 | rBV2 | 218636 | 646842 | 34.82% | 6.462% |
| 4 | 6.763 | 922 | 931 | 957 | rBV | 514445 | 1339691 | 72.11% | 13.384% |
| 5 | 8.646 | 1233 | 1240 | 1261 | rBV | 1140292 | 1857754 | 100.00% | 18.559% |
| 6 | 10.055 | 1465 | 1471 | 1487 | rBV | 1137415 | 1663715 | 89.56% | 16.621% |
| 7 | 11.079 | 1634 | 1639 | 1656 | rBV | 988904 | 1267962 | 68.25% | 12.667% |
| 8 | 12.018 | 1788 | 1793 | 1806 | rBV | 1374516 | 1655375 | 89.11% | 16.537% |

Sum of corrected areas: 10009889

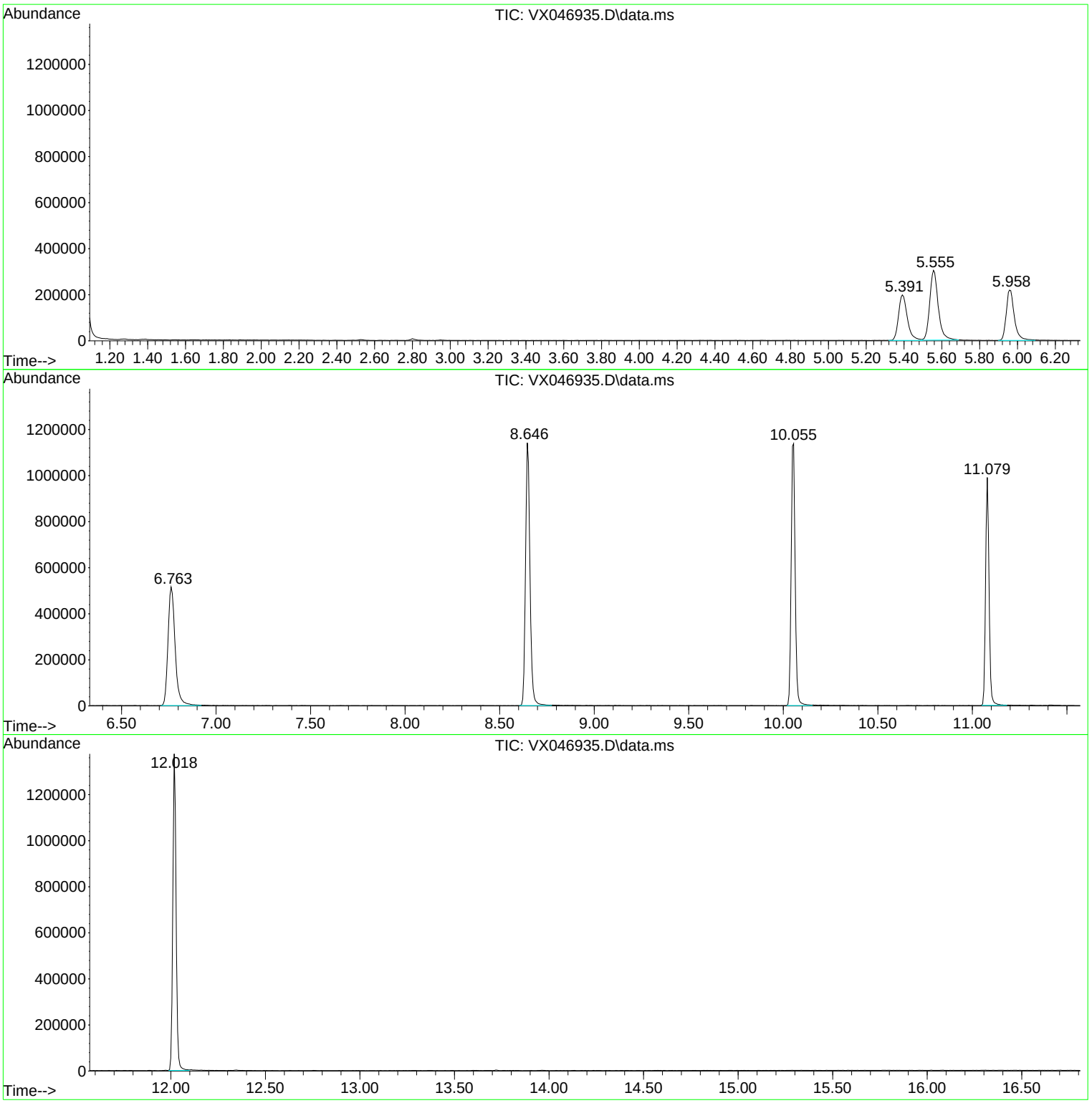
Sample Results: **VX046935.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX046935.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
Acq On : 10 Jul 2025 11:44
Operator : JC/MD
Sample : VX0710WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX046963.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0714WBL01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0714WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046963.D | 1 | 07/14/25 11:18 | VX071425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 74-87-3 | Chloromethane | 5.00 | U | 0.32 | 5.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 5.00 | U | 0.26 | 5.00 | ug/L |
| 74-83-9 | Bromomethane | 5.00 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 5.00 | U | 0.47 | 5.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 5.00 | U | 0.33 | 5.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 5.00 | U | 0.25 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 67-64-1 | Acetone | 25.0 | U | 1.50 | 25.0 | ug/L |
| 75-15-0 | Carbon Disulfide | 5.00 | U | 0.21 | 5.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-20-9 | Methyl Acetate | 5.00 | U | 0.27 | 5.00 | ug/L |
| 75-09-2 | Methylene Chloride | 5.00 | U | 0.28 | 5.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 5.00 | U | 0.23 | 5.00 | ug/L |
| 110-82-7 | Cyclohexane | 5.00 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 25.0 | U | 0.98 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 5.00 | U | 0.25 | 5.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 74-97-5 | Bromochloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 5.00 | U | 0.25 | 5.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 5.00 | U | 0.16 | 5.00 | ug/L |
| 71-43-2 | Benzene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 5.00 | U | 0.090 | 5.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 5.00 | U | 0.20 | 5.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 5.00 | U | 0.22 | 5.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 25.0 | U | 0.68 | 25.0 | ug/L |
| 108-88-3 | Toluene | 5.00 | U | 0.14 | 5.00 | ug/L |

Raw Data: **VX046963.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0714WBL01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0714WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046963.D | 1 | 07/14/25 11:18 | VX071425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 5.00 | U | 0.17 | 5.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 5.00 | U | 0.21 | 5.00 | ug/L |
| 591-78-6 | 2-Hexanone | 25.0 | U | 0.89 | 25.0 | ug/L |
| 124-48-1 | Dibromochloromethane | 5.00 | U | 0.18 | 5.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 5.00 | U | 0.15 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 5.00 | U | 0.23 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 5.00 | U | 0.13 | 5.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 10.0 | U | 0.24 | 10.0 | ug/L |
| 95-47-6 | o-Xylene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 100-42-5 | Styrene | 5.00 | U | 0.15 | 5.00 | ug/L |
| 75-25-2 | Bromoform | 5.00 | U | 0.19 | 5.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 5.00 | U | 0.12 | 5.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.00 | U | 0.26 | 5.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 5.00 | U | 0.19 | 5.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 5.00 | U | 0.16 | 5.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 5.00 | U | 0.53 | 5.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.00 | U | 0.20 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 54.0 | | 70 (74) - 130 (125) | 108% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 50.9 | | 70 (75) - 130 (124) | 102% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 48.7 | | 70 (86) - 130 (113) | 97% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 52.2 | | 70 (77) - 130 (121) | 104% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 331000 | 5.562 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 558000 | 6.769 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 513000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 263000 | 12.018 | | | |

Raw Data: **VX046963.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0714WBL01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0714WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046963.D | 1 | 07/14/25 11:18 | VX071425 |

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Quant Time: Jul 15 01:14:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 330854 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 558126 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 513014 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 263407 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 236008 | 53.995 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 108.000% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 192755 | 50.878 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 101.760% | | | |
| 50) Toluene-d8 | 8.646 | 98 | 650923 | 48.697 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 97.400% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 265134 | 52.190 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 104.380% | | | |

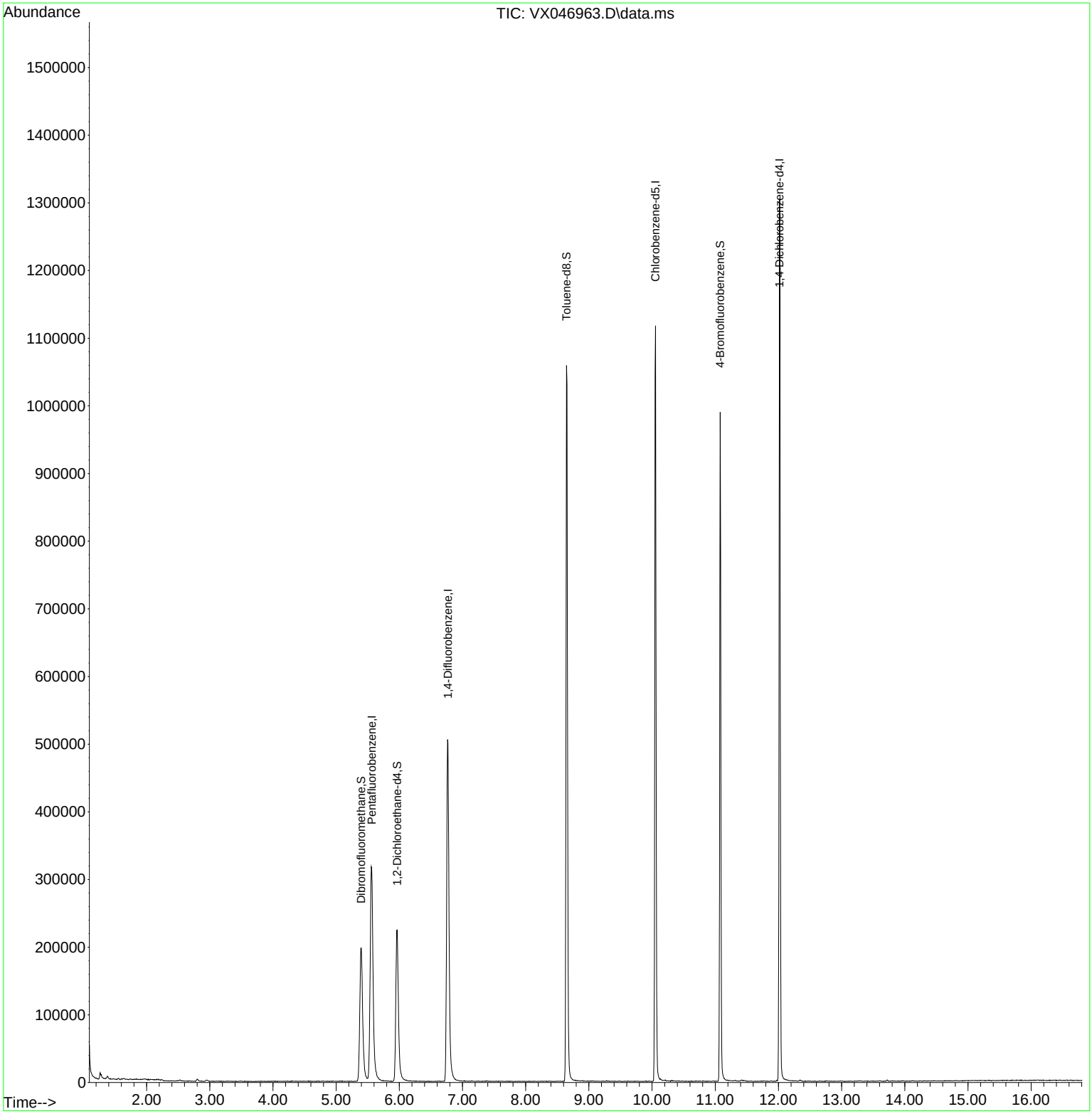
Target Compounds Qvalue

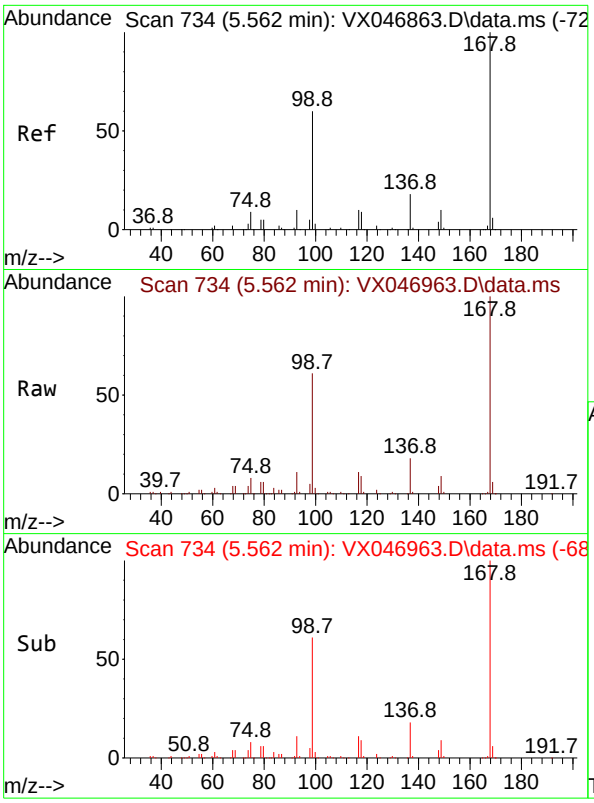
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Quant Time: Jul 15 01:14:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



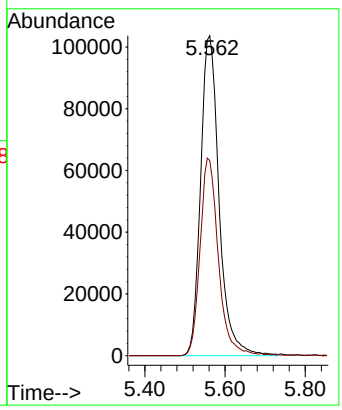


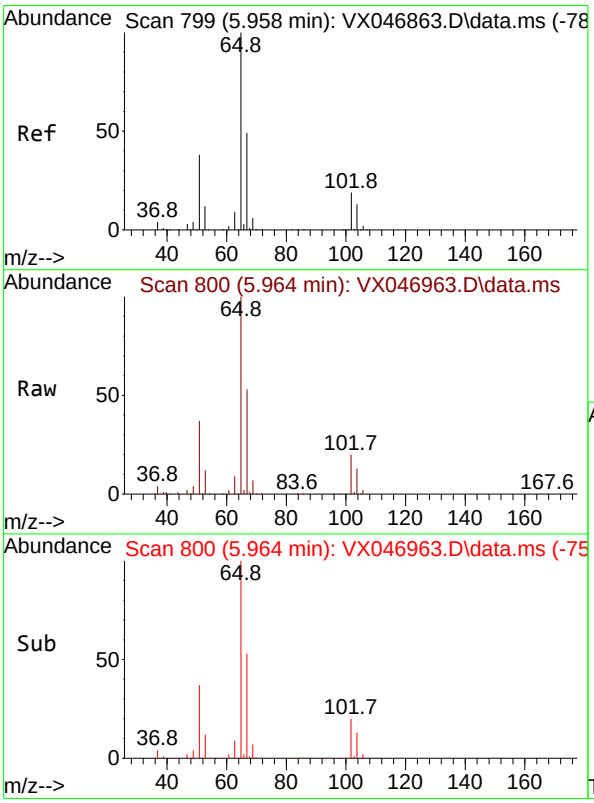

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Tgt Ion:168 Resp: 330854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.0 | 48.8 | 73.2 |

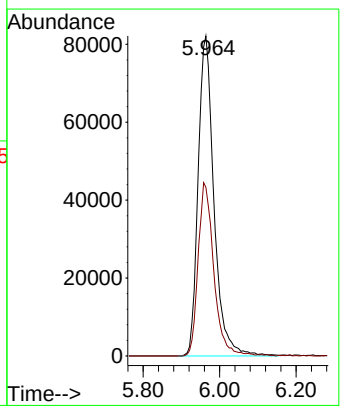


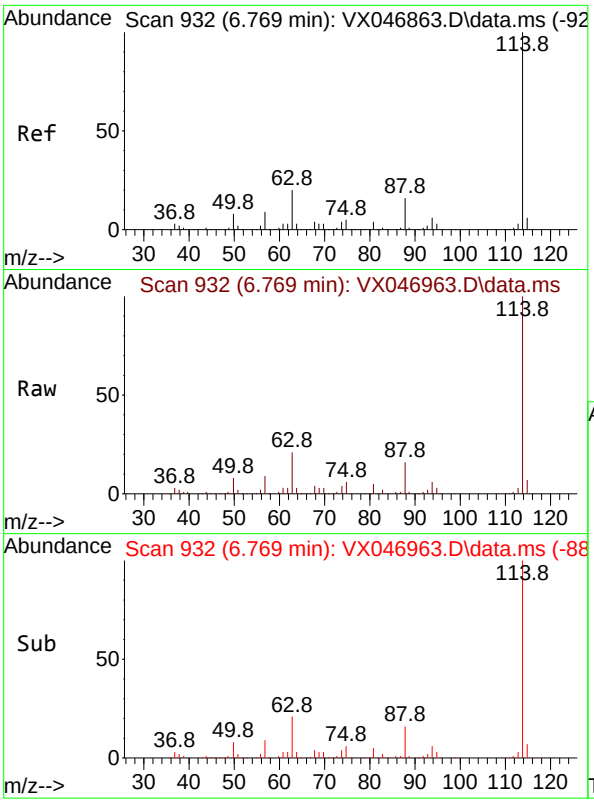




#33
1,2-Dichloroethane-d4
Concen: 53.995 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 65 Resp: 236008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.7 | 0.0 | 105.2 |



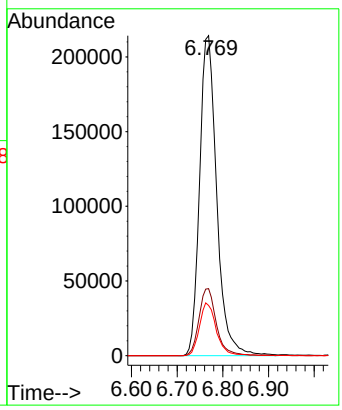


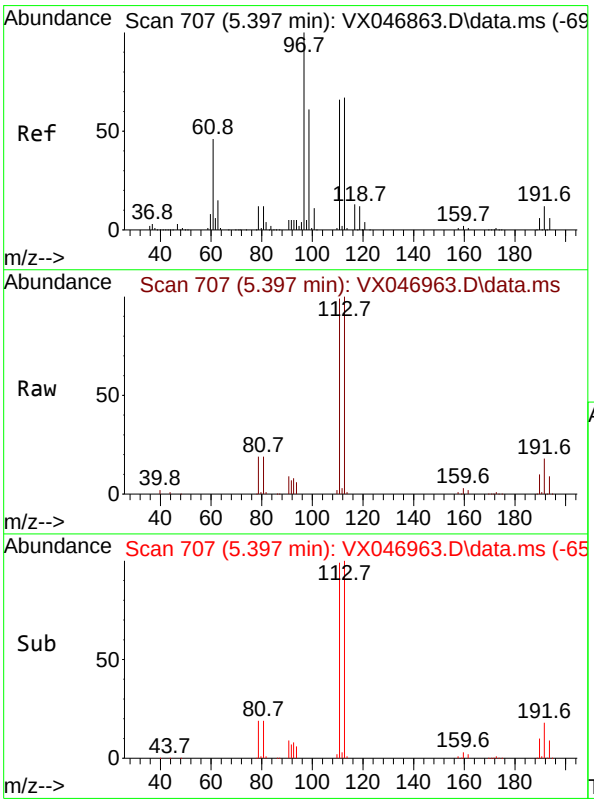

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Tgt Ion:114 Resp: 558126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.9 | 0.0 | 40.4 |
| 88 | 15.7 | 0.0 | 31.0 |

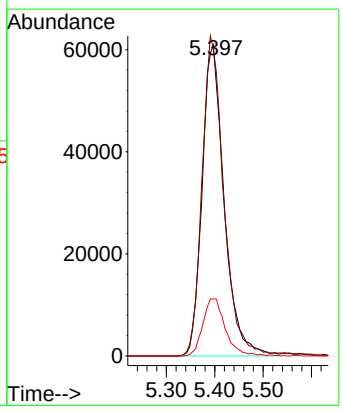


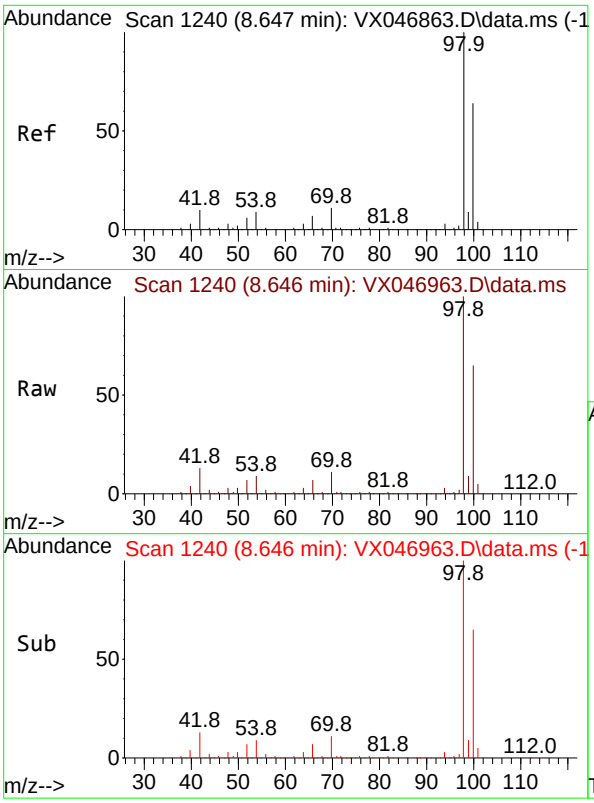




#35
Dibromofluoromethane
Concen: 50.878 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion:113 Resp: 192755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.3 | 81.2 | 121.8 |
| 192 | 18.7 | 15.3 | 22.9 |



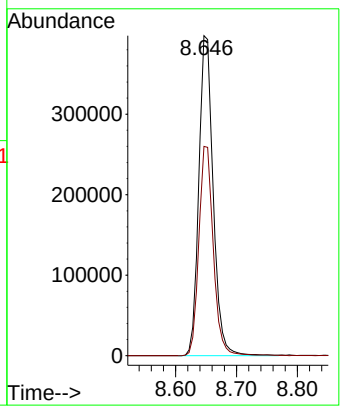


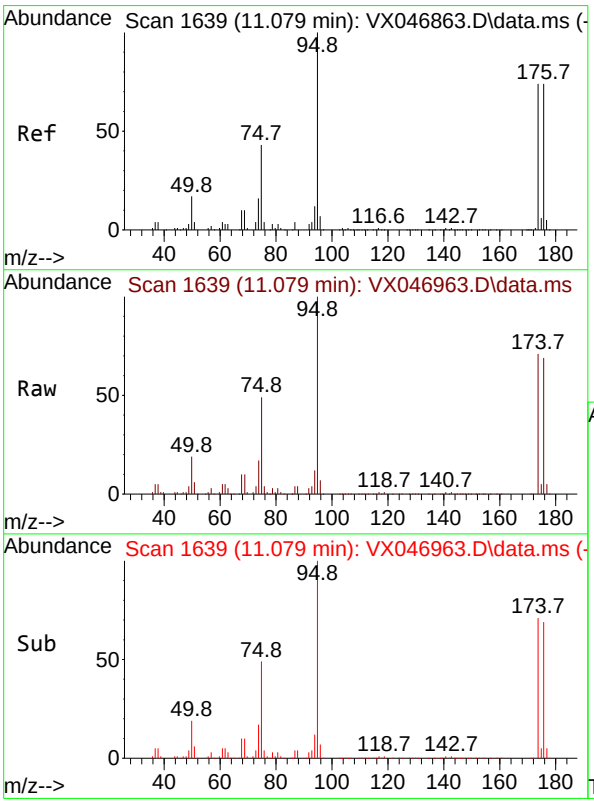

#50
Toluene-d8
Concen: 48.697 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Tgt Ion: 98 Resp: 650923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 53.0 | 79.6 |

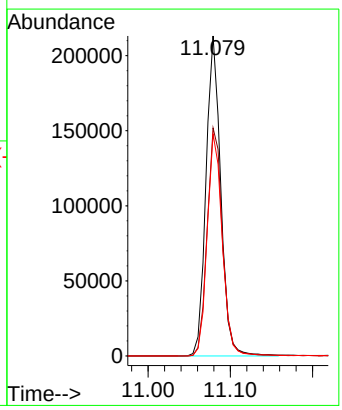


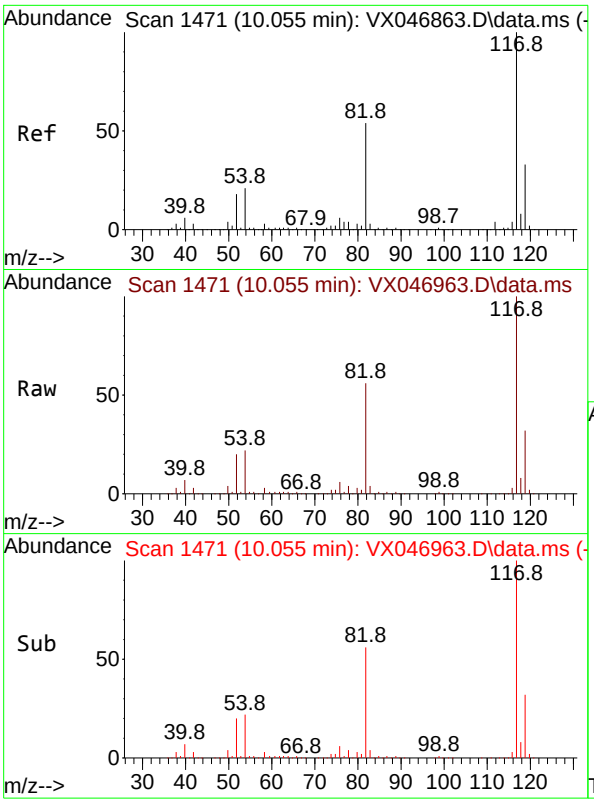




#62
4-Bromofluorobenzene
Concen: 52.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 95 Resp: 265134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.3 | 0.0 | 152.0 |
| 176 | 71.2 | 0.0 | 145.2 |



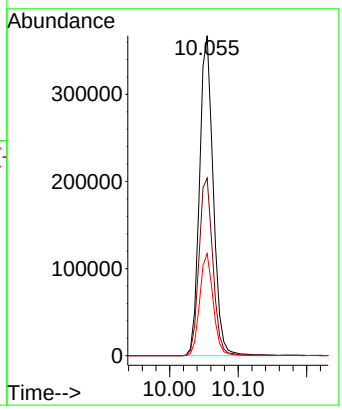


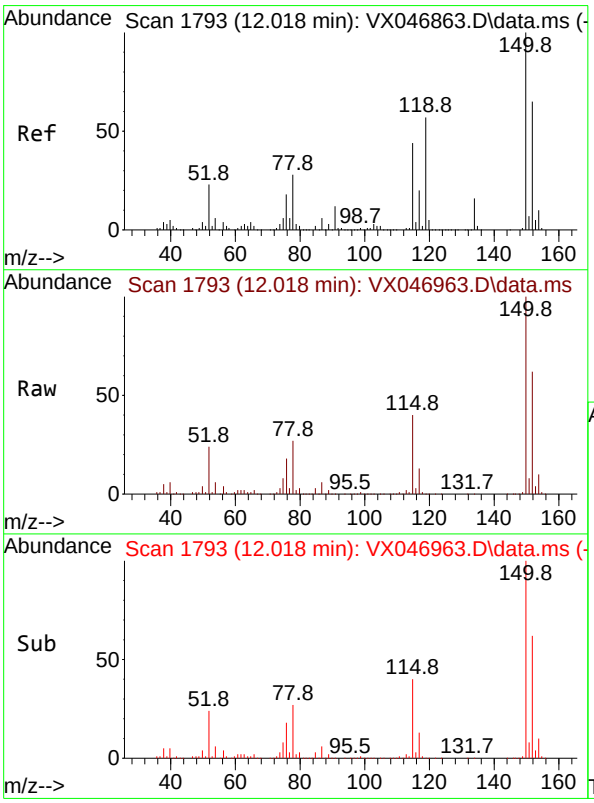

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Tgt Ion:117 Resp: 513014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.5 | 43.3 | 64.9 |
| 119 | 31.9 | 26.4 | 39.6 |

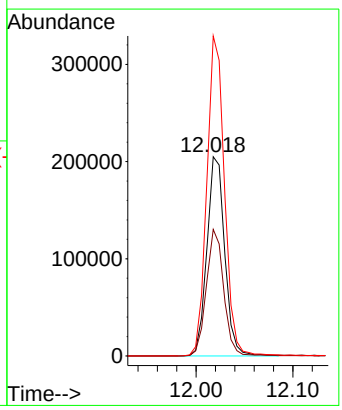



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion:152 Resp: 263407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 62.3 | 42.4 | 127.1 |
| 150 | 159.5 | 0.0 | 349.2 |



Sample Results: **VX046963.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046963.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.397 | 695 | 707 | 724 | rBV4 | 197125 | 630030 | 36.19% | 6.421% |
| 2 | 5.555 | 724 | 733 | 755 | rVB | 314880 | 993286 | 57.06% | 10.123% |
| 3 | 5.964 | 787 | 800 | 823 | rBV | 223907 | 658480 | 37.83% | 6.711% |
| 4 | 6.763 | 923 | 931 | 954 | rBV | 504942 | 1319211 | 75.78% | 13.444% |
| 5 | 8.646 | 1234 | 1240 | 1258 | rBV | 1057832 | 1740801 | 100.00% | 17.741% |
| 6 | 10.055 | 1465 | 1471 | 1482 | rBV | 1116370 | 1580299 | 90.78% | 16.105% |
| 7 | 11.079 | 1634 | 1639 | 1656 | rBV | 988148 | 1251070 | 71.87% | 12.750% |
| 8 | 12.018 | 1788 | 1793 | 1809 | rBV | 1303461 | 1639340 | 94.17% | 16.707% |

Sum of corrected areas: 9812517

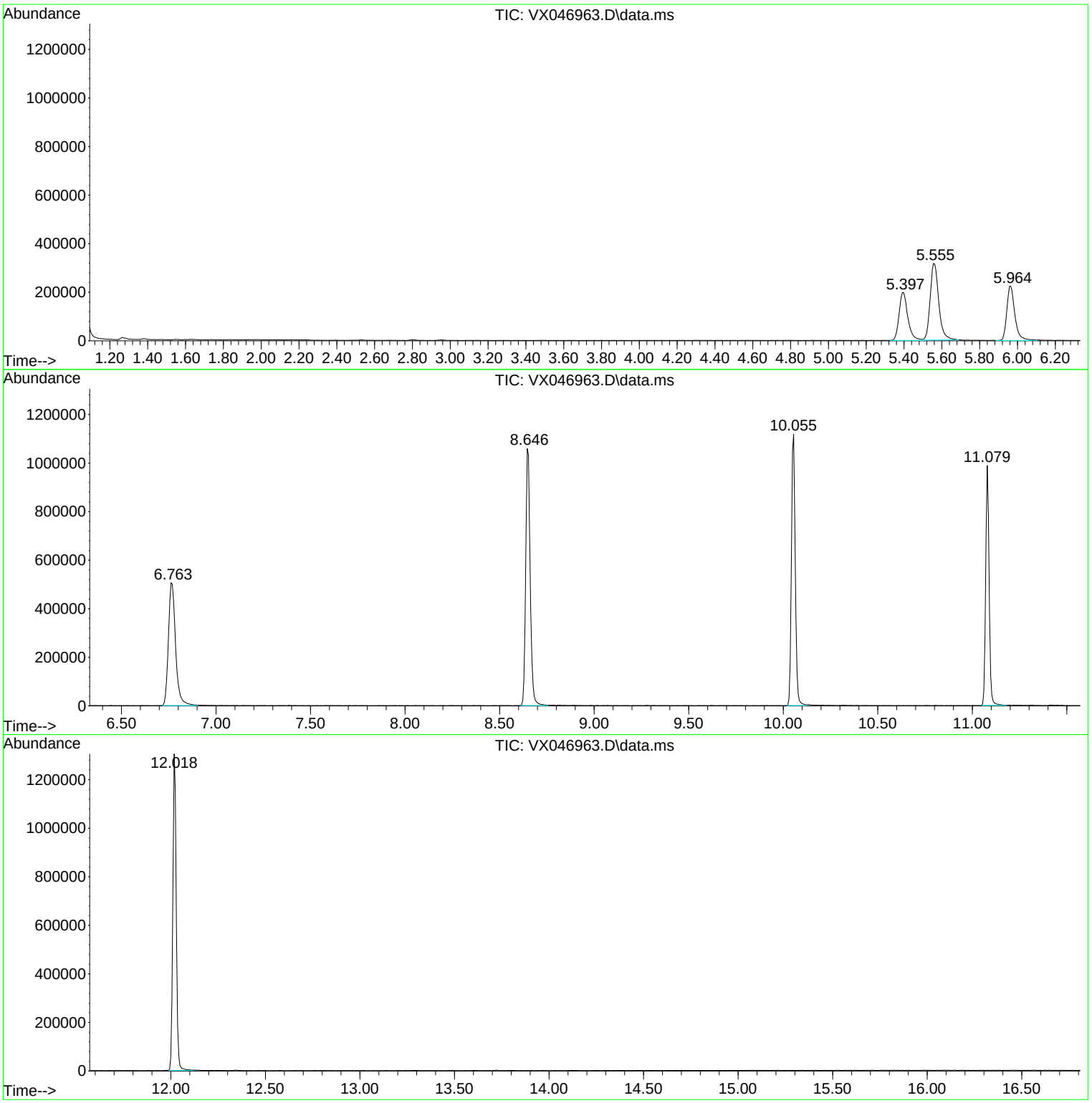
Sample Results: **VX046963.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX046963.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
Acq On : 14 Jul 2025 11:18
Operator : JC/MD
Sample : VX0714WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Raw Data: **VX046936.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0710WBS01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0710WBS01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046936.D | 1 | 07/10/25 12:10 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 18.6 | | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 18.8 | | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 18.3 | | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 19.2 | | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 18.1 | | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 19.4 | | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 19.6 | | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 18.2 | | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 96.3 | | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 16.9 | | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 20.0 | | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 23.0 | | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 20.6 | | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 19.4 | | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 19.9 | | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 18.8 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 100 | | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 19.5 | | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 19.4 | | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 21.7 | | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 19.7 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 19.3 | | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 17.8 | | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 19.1 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 20.0 | | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 18.3 | | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 19.5 | | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 19.4 | | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 110 | | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 19.7 | | 0.14 | 1.00 | ug/L |

Raw Data: **VX046936.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0710WBS01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0710WBS01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046936.D | 1 | 07/10/25 12:10 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 19.1 | | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 19.3 | | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 20.5 | | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 110 | | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 19.9 | | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 20.2 | | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 18.4 | | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 19.2 | | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 19.3 | | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 38.5 | | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 19.1 | | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 19.7 | | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 19.4 | | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 18.9 | | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 19.5 | | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 19.0 | | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 18.5 | | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 18.7 | | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 19.3 | | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 17.8 | | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 18.7 | | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 51.9 | | 70 (74) - 130 (125) | 104% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 51.2 | | 70 (75) - 130 (124) | 102% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 49.9 | | 70 (86) - 130 (113) | 100% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 52.6 | | 70 (77) - 130 (121) | 105% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 342000 | 5.562 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 567000 | 6.763 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 521000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 270000 | 12.018 | | | |

Raw Data: **VX046936.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0710WBS01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0710WBS01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046936.D | 1 | 07/10/25 12:10 | VX071025 |

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046936.D
Acq On : 10 Jul 2025 12:10
Operator : JC/MD
Sample : VX0710WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 11 01:26:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 342120 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 567066 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 521192 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 270401 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 234548 | 51.894 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 103.780% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 197050 | 51.192 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 102.380% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 678032 | 49.925 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.860% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 271465 | 52.594 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 105.180% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.185 | 85 | 61016 | 18.649 | ug/l | 96 |
| 3) Chloromethane | 1.307 | 50 | 67307 | 18.828 | ug/l | 99 |
| 4) Vinyl Chloride | 1.386 | 62 | 71046 | 18.250 | ug/l | 95 |
| 5) Bromomethane | 1.630 | 94 | 48098 | 19.229 | ug/l | 95 |
| 6) Chloroethane | 1.703 | 64 | 46534 | 18.103 | ug/l | 96 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 116905 | 19.422 | ug/l | 98 |
| 8) Diethyl Ether | 2.148 | 74 | 41110 | 19.192 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.349 | 101 | 75030 | 19.562 | ug/l | 98 |
| 10) Methyl Iodide | 2.465 | 142 | 74997 | 17.948 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.946 | 59 | 30821 | 103.975 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 67539 | 18.206 | ug/l | 98 |
| 13) Acrolein | 2.245 | 56 | 31369 | 97.516 | ug/l | 99 |
| 14) Allyl chloride | 2.678 | 41 | 124487 | 18.848 | ug/l | 100 |
| 15) Acrylonitrile | 3.068 | 53 | 174048 | 101.555 | ug/l | 99 |
| 16) Acetone | 2.386 | 43 | 135205 | 96.305 | ug/l | 92 |
| 17) Carbon Disulfide | 2.526 | 76 | 164198 | 16.877 | ug/l | 99 |
| 18) Methyl Acetate | 2.715 | 43 | 85181 | 23.019 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.117 | 73 | 209200 | 19.969 | ug/l | 99 |
| 20) Methylene Chloride | 2.800 | 84 | 85351 | 20.559 | ug/l | 95 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 73715 | 19.419 | ug/l | 95 |
| 22) Diisopropyl ether | 3.763 | 45 | 260326 | 20.401 | ug/l # | 79 |
| 23) Vinyl Acetate | 3.733 | 43 | 943294 | 98.673 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.617 | 63 | 144666 | 19.879 | ug/l | 99 |
| 25) 2-Butanone | 4.562 | 43 | 196139 | 104.714 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.483 | 77 | 100390 | 18.536 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.501 | 96 | 89983 | 19.415 | ug/l | 99 |
| 28) Bromochloromethane | 4.903 | 49 | 77759 | 21.650 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.013 | 42 | 124356 | 104.148 | ug/l | 99 |
| 30) Chloroform | 5.099 | 83 | 146648 | 19.725 | ug/l | 96 |
| 31) Cyclohexane | 5.483 | 56 | 121774 | 18.849 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 5.391 | 97 | 119784 | 19.284 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 98120 | 18.893 | ug/l | 99 |
| 37) Ethyl Acetate | 4.727 | 43 | 83234 | 18.817 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.684 | 117 | 106862 | 19.463 | ug/l | 96 |
| 39) Methylcyclohexane | 7.385 | 83 | 115800 | 17.825 | ug/l | 98 |
| 40) Benzene | 6.043 | 78 | 299729 | 19.081 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046936.D
Acq On : 10 Jul 2025 12:10
Operator : JC/MD
Sample : VX0710WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 11 01:26:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.934 | 41 | 50916 | 21.578 | ug/l | 99 |
| 42) 1,2-Dichloroethane | 6.092 | 62 | 106539 | 19.973 | ug/l | 99 |
| 43) Isopropyl Acetate | 6.342 | 43 | 136536 | 20.152 | ug/l | 100 |
| 44) Trichloroethene | 7.129 | 130 | 74786 | 18.289 | ug/l | 96 |
| 45) 1,2-Dichloropropane | 7.433 | 63 | 77257 | 19.466 | ug/l | 96 |
| 46) Dibromomethane | 7.586 | 93 | 54255 | 19.730 | ug/l | 100 |
| 47) Bromodichloromethane | 7.824 | 83 | 114011 | 19.418 | ug/l | 97 |
| 48) Methyl methacrylate | 7.696 | 41 | 70593 | 20.179 | ug/l | 98 |
| 49) 1,4-Dioxane | 7.665 | 88 | 16434 | 405.420 | ug/l | 94 |
| 51) 4-Methyl-2-Pentanone | 8.573 | 43 | 422464 | 105.653 | ug/l | 99 |
| 52) Toluene | 8.720 | 92 | 191596 | 19.683 | ug/l | 99 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 99831 | 19.051 | ug/l | 99 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 115486 | 19.308 | ug/l | 99 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 74446 | 20.533 | ug/l | 97 |
| 56) Ethyl methacrylate | 9.116 | 69 | 97179 | 19.365 | ug/l | 95 |
| 57) 1,3-Dichloropropane | 9.311 | 76 | 125336 | 20.076 | ug/l | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.244 | 63 | 272902 | 96.516 | ug/l | 100 |
| 59) 2-Hexanone | 9.427 | 43 | 285526 | 107.654 | ug/l | 99 |
| 60) Dibromochloromethane | 9.518 | 129 | 86441 | 19.922 | ug/l | 99 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 73636 | 20.222 | ug/l | 98 |
| 64) Tetrachloroethene | 9.275 | 164 | 63838 | 18.397 | ug/l | 98 |
| 65) Chlorobenzene | 10.079 | 112 | 216268 | 19.192 | ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131 | 73716 | 19.460 | ug/l | 99 |
| 67) Ethyl Benzene | 10.195 | 91 | 372697 | 19.313 | ug/l | 100 |
| 68) m/p-Xylenes | 10.299 | 106 | 280311 | 38.549 | ug/l | 100 |
| 69) o-Xylene | 10.640 | 106 | 134279 | 19.117 | ug/l | 100 |
| 70) Styrene | 10.652 | 104 | 236656 | 19.693 | ug/l | 99 |
| 71) Bromoform | 10.799 | 173 | 54539 | 19.364 | ug/l | 98 |
| 73) Isopropylbenzene | 10.957 | 105 | 358608 | 18.866 | ug/l | 99 |
| 74) N-amyl acetate | 10.841 | 43 | 121038 | 18.739 | ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 101874 | 19.491 | ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 79044m | 18.919 | ug/l | |
| 77) Bromobenzene | 11.195 | 156 | 88746 | 18.744 | ug/l | 100 |
| 78) n-propylbenzene | 11.305 | 91 | 429853 | 18.754 | ug/l | 99 |
| 79) 2-Chlorotoluene | 11.360 | 91 | 256603 | 18.960 | ug/l | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 293197 | 18.983 | ug/l | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 27406 | 17.602 | ug/l | 95 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 300271 | 19.226 | ug/l | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 301031 | 18.871 | ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 297901 | 19.082 | ug/l | 95 |
| 85) sec-Butylbenzene | 11.890 | 105 | 372487 | 18.520 | ug/l | 99 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 314193 | 18.654 | ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 168470 | 19.025 | ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 12.036 | 146 | 170202 | 18.469 | ug/l | 99 |
| 89) n-Butylbenzene | 12.329 | 91 | 283785 | 17.932 | ug/l | 99 |
| 90) Hexachloroethane | 12.536 | 117 | 53299 | 17.851 | ug/l | 96 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 160687 | 18.726 | ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75 | 17681 | 19.341 | ug/l | 95 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 103852 | 17.815 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 37291 | 16.962 | ug/l | 99 |
| 95) Naphthalene | 13.774 | 128 | 295355 | 19.227 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 102820 | 18.667 | ug/l | 100 |

Sample Results: **VX046936.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046936.D
Acq On : 10 Jul 2025 12:10
Operator : JC/MD
Sample : VX0710WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:26:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

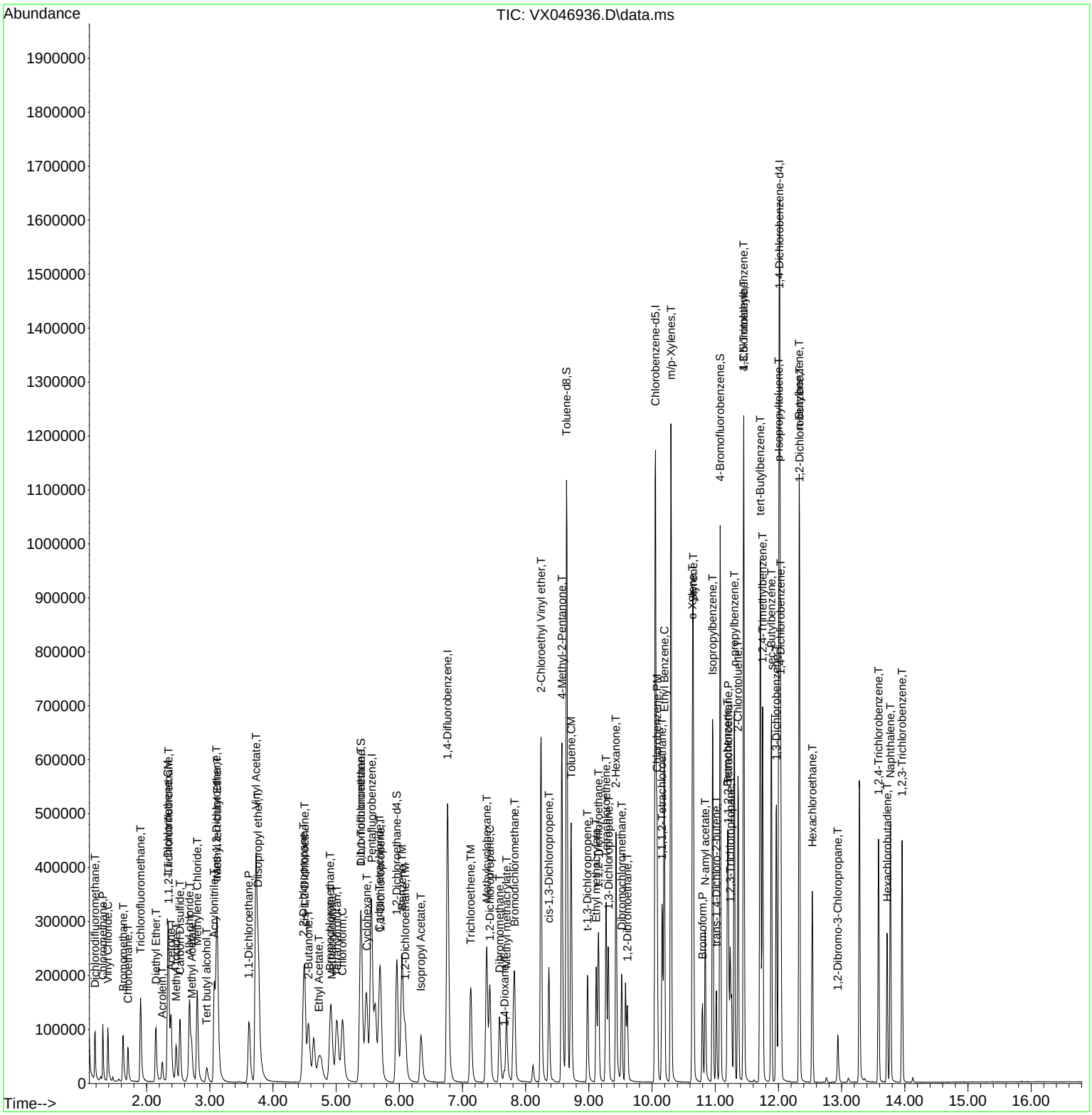
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046936.D
Acq On : 10 Jul 2025 12:10
Operator : JC/MD
Sample : VX0710WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 11 01:26:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



Raw Data: **VX046968.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0714WBS01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0714WBS01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046968.D | 1 | 07/14/25 13:10 | VX071425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 17.0 | | 0.22 | 5.00 | ug/L |
| 74-87-3 | Chloromethane | 15.6 | | 0.32 | 5.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 17.4 | | 0.26 | 5.00 | ug/L |
| 74-83-9 | Bromomethane | 17.8 | | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 18.3 | | 0.47 | 5.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 18.1 | | 0.33 | 5.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 18.8 | | 0.25 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 17.1 | | 0.23 | 5.00 | ug/L |
| 67-64-1 | Acetone | 110 | | 1.50 | 25.0 | ug/L |
| 75-15-0 | Carbon Disulfide | 14.3 | | 0.21 | 5.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 22.8 | | 0.16 | 5.00 | ug/L |
| 79-20-9 | Methyl Acetate | 30.0 | | 0.27 | 5.00 | ug/L |
| 75-09-2 | Methylene Chloride | 19.4 | | 0.28 | 5.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 18.7 | | 0.23 | 5.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 19.7 | | 0.23 | 5.00 | ug/L |
| 110-82-7 | Cyclohexane | 18.8 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 140 | | 0.98 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 18.8 | | 0.25 | 5.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 19.3 | | 0.19 | 5.00 | ug/L |
| 74-97-5 | Bromochloromethane | 20.9 | | 0.22 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 19.9 | | 0.25 | 5.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 19.9 | | 0.20 | 5.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 17.6 | | 0.16 | 5.00 | ug/L |
| 71-43-2 | Benzene | 19.2 | | 0.15 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 20.5 | | 0.22 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 18.5 | | 0.090 | 5.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 19.8 | | 0.20 | 5.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 19.2 | | 0.22 | 5.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 140 | | 0.68 | 25.0 | ug/L |
| 108-88-3 | Toluene | 19.7 | | 0.14 | 5.00 | ug/L |

Raw Data: **VX046968.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0714WBS01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0714WBS01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046968.D | 1 | 07/14/25 13:10 | VX071425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 19.7 | | 0.17 | 5.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 19.6 | | 0.16 | 5.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 21.5 | | 0.21 | 5.00 | ug/L |
| 591-78-6 | 2-Hexanone | 140 | | 0.89 | 25.0 | ug/L |
| 124-48-1 | Dibromochloromethane | 19.3 | | 0.18 | 5.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 20.7 | | 0.15 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 18.4 | | 0.23 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 19.4 | | 0.12 | 5.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 19.5 | | 0.13 | 5.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 39.9 | | 0.24 | 10.0 | ug/L |
| 95-47-6 | o-Xylene | 20.2 | | 0.12 | 5.00 | ug/L |
| 100-42-5 | Styrene | 20.4 | | 0.15 | 5.00 | ug/L |
| 75-25-2 | Bromoform | 20.1 | | 0.19 | 5.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 19.7 | | 0.12 | 5.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 22.6 | | 0.26 | 5.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 19.7 | | 0.16 | 5.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 18.9 | | 0.19 | 5.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 19.7 | | 0.16 | 5.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 24.8 | | 0.53 | 5.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 19.1 | | 0.20 | 5.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 20.0 | | 0.20 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 55.5 | | 70 (74) - 130 (125) | 111% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 53.5 | | 70 (75) - 130 (124) | 107% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 52.6 | | 70 (86) - 130 (113) | 105% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 55.0 | | 70 (77) - 130 (121) | 110% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 311000 | 5.568 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 518000 | 6.769 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 465000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 241000 | 12.018 | | | |

Raw Data: **VX046968.D**

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0714WBS01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0714WBS01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046968.D | 1 | 07/14/25 13:10 | VX071425 |

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046968.D
Acq On : 14 Jul 2025 13:10
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 01:18:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.568 | 168 | 311322 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 518025 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 465228 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 241384 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 228375 | 55.527 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 111.060% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 188158 | 53.509 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 107.020% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 652952 | 52.630 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 105.260% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 259398 | 55.013 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 110.020% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.185 | 85 | 50576 | 16.987 | ug/l | 97 |
| 3) Chloromethane | 1.307 | 50 | 50844 | 15.630 | ug/l | 98 |
| 4) Vinyl Chloride | 1.386 | 62 | 61492 | 17.359 | ug/l | 95 |
| 5) Bromomethane | 1.624 | 94 | 40526 | 17.805 | ug/l | 100 |
| 6) Chloroethane | 1.703 | 64 | 42692 | 18.251 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 99192 | 18.109 | ug/l | 98 |
| 8) Diethyl Ether | 2.148 | 74 | 38659 | 19.833 | ug/l | 96 |
| 9) 1,1,2-Trichlorotrifluo... | 2.349 | 101 | 65459 | 18.755 | ug/l | 98 |
| 10) Methyl Iodide | 2.465 | 142 | 51744 | 13.608 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.959 | 59 | 45645 | 169.217 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 57803 | 17.123 | ug/l | 99 |
| 13) Acrolein | 2.252 | 56 | 28984 | 98.971 | ug/l | 97 |
| 14) Allyl chloride | 2.678 | 41 | 115355 | 19.193 | ug/l | 98 |
| 15) Acrylonitrile | 3.075 | 53 | 188770 | 121.041 | ug/l | 99 |
| 16) Acetone | 2.392 | 43 | 146236 | 114.467 | ug/l | 97 |
| 17) Carbon Disulfide | 2.526 | 76 | 126416 | 14.279 | ug/l | 99 |
| 18) Methyl Acetate | 2.715 | 43 | 100936 | 29.975 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 3.130 | 73 | 216994 | 22.762 | ug/l | 96 |
| 20) Methylene Chloride | 2.806 | 84 | 73334 | 19.412 | ug/l | 95 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 64505 | 18.673 | ug/l | 91 |
| 22) Diisopropyl ether | 3.776 | 45 | 245180 | 21.115 | ug/l | 96 |
| 23) Vinyl Acetate | 3.733 | 43 | 943078 | 108.410 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.623 | 63 | 130299 | 19.676 | ug/l | 99 |
| 25) 2-Butanone | 4.568 | 43 | 230434 | 135.193 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.489 | 77 | 95953 | 19.469 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.507 | 96 | 81572 | 19.341 | ug/l | 98 |
| 28) Bromochloromethane | 4.910 | 49 | 68222 | 20.874 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.013 | 42 | 145842 | 134.226 | ug/l | 99 |
| 30) Chloroform | 5.111 | 83 | 134497 | 19.880 | ug/l | 97 |
| 31) Cyclohexane | 5.489 | 56 | 110365 | 18.773 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 5.397 | 97 | 112549 | 19.912 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.708 | 75 | 86578 | 18.249 | ug/l | 98 |
| 37) Ethyl Acetate | 4.727 | 43 | 88069 | 21.795 | ug/l | 96 |
| 38) Carbon Tetrachloride | 5.690 | 117 | 94543 | 18.849 | ug/l | 96 |
| 39) Methylcyclohexane | 7.385 | 83 | 104699 | 17.642 | ug/l | 96 |
| 40) Benzene | 6.050 | 78 | 275003 | 19.164 | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046968.D
Acq On : 14 Jul 2025 13:10
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 01:18:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.934 | 41 | 54131 | 25.112 | ug/l | | 96 |
| 42) 1,2-Dichloroethane | 6.099 | 62 | 99664 | 20.453 | ug/l | | 98 |
| 43) Isopropyl Acetate | 6.348 | 43 | 155021 | 25.047 | ug/l | | 99 |
| 44) Trichloroethene | 7.135 | 130 | 69201 | 18.525 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.434 | 63 | 71878 | 19.825 | ug/l | | 97 |
| 46) Dibromomethane | 7.586 | 93 | 50203 | 19.985 | ug/l | | 98 |
| 47) Bromodichloromethane | 7.824 | 83 | 102745 | 19.155 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.702 | 41 | 78422 | 24.539 | ug/l | | 97 |
| 49) 1,4-Dioxane | 7.665 | 88 | 22981 | 620.603 | ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.574 | 43 | 497521 | 136.204 | ug/l | | 99 |
| 52) Toluene | 8.720 | 92 | 174835 | 19.661 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.982 | 75 | 94271 | 19.694 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 8.373 | 75 | 107227 | 19.625 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 71161 | 21.485 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.116 | 69 | 108310 | 23.626 | ug/l | | 97 |
| 57) 1,3-Dichloropropane | 9.311 | 76 | 118416 | 20.763 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.245 | 63 | 286969 | 111.099 | ug/l | | 100 |
| 59) 2-Hexanone | 9.433 | 43 | 344106 | 142.023 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.525 | 129 | 76497 | 19.299 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 68692 | 20.650 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.275 | 164 | 56970 | 18.392 | ug/l | | 97 |
| 65) Chlorobenzene | 10.080 | 112 | 194907 | 19.377 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131 | 67124 | 19.852 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.195 | 91 | 336342 | 19.526 | ug/l | | 97 |
| 68) m/p-Xylenes | 10.299 | 106 | 259177 | 39.930 | ug/l | | 100 |
| 69) o-Xylene | 10.640 | 106 | 126691 | 20.206 | ug/l | | 97 |
| 70) Styrene | 10.653 | 104 | 218738 | 20.391 | ug/l | | 99 |
| 71) Bromoform | 10.799 | 173 | 50540 | 20.102 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.964 | 105 | 334801 | 19.731 | ug/l | | 99 |
| 74) N-amyl acetate | 10.842 | 43 | 138470 | 24.014 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 105297 | 22.567 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 82806m | 22.202 | ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 80762 | 19.108 | ug/l | | 96 |
| 78) n-propylbenzene | 11.305 | 91 | 395854 | 19.347 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.360 | 91 | 237047 | 19.621 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 278151 | 20.174 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 27676 | 19.913 | ug/l | | 94 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 280145 | 20.094 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 281349 | 19.757 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 278436 | 19.979 | ug/l | | 95 |
| 85) sec-Butylbenzene | 11.890 | 105 | 356721 | 19.868 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 297713 | 19.801 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 155791 | 19.709 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 12.043 | 146 | 155145 | 18.858 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.329 | 91 | 275787 | 19.521 | ug/l | | 99 |
| 90) Hexachloroethane | 12.536 | 117 | 47178 | 17.700 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 150672 | 19.670 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75 | 20215 | 24.771 | ug/l | | 95 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 99618 | 19.143 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 37048 | 18.878 | ug/l | | 99 |
| 95) Naphthalene | 13.774 | 128 | 317265 | 23.136 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 98213 | 19.974 | ug/l | | 98 |

Sample Results: **VX046968.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046968.D
Acq On : 14 Jul 2025 13:10
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 01:18:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

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

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

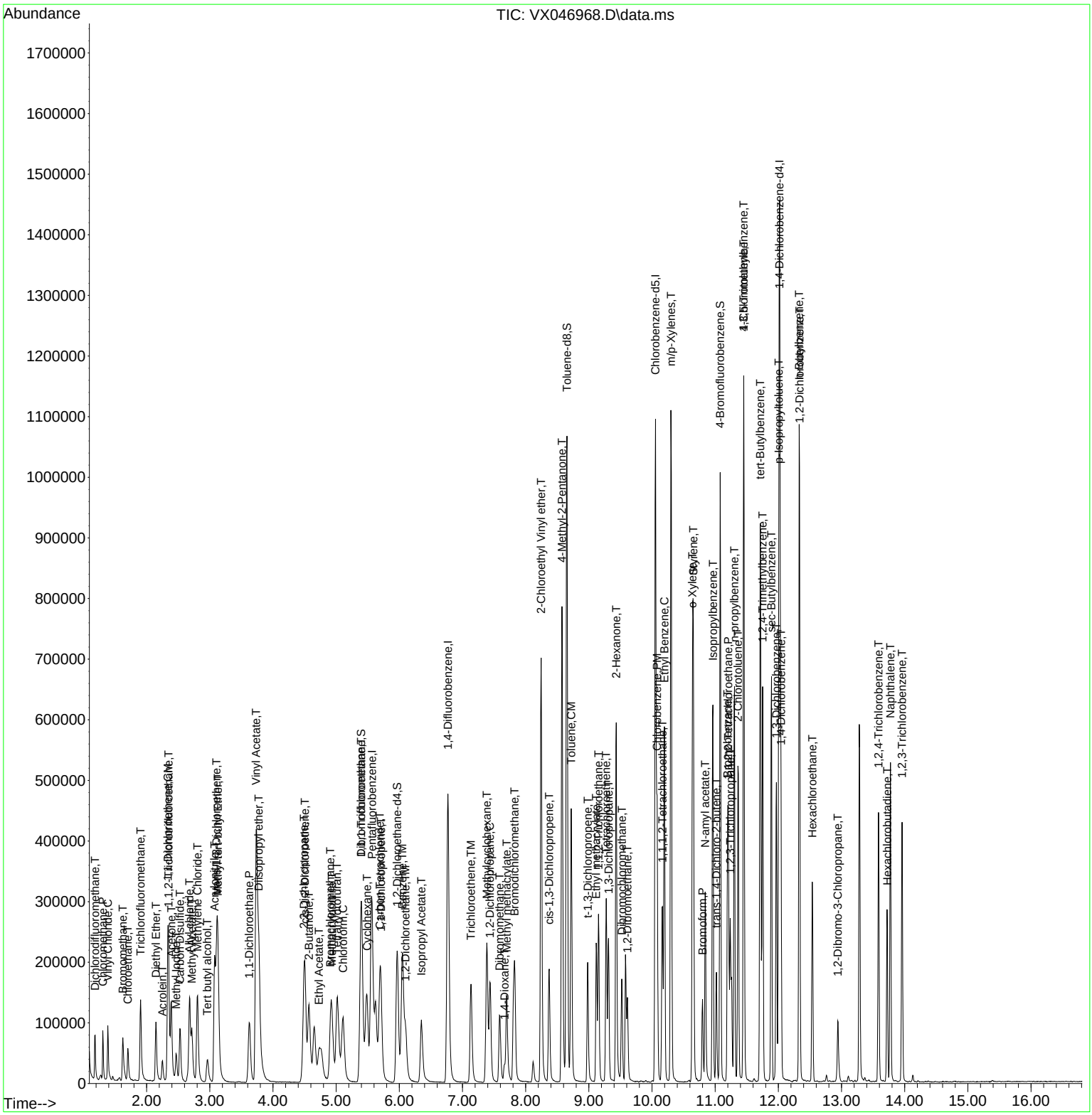
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046968.D
Acq On : 14 Jul 2025 13:10
Operator : JC/MD
Sample : VX0714WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 01:18:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0714WBS01

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0710WBSD01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0710WBSD01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046937.D | 1 | 07/10/25 12:35 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 17.6 | | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 17.9 | | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 17.5 | | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 19.1 | | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 17.7 | | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 18.8 | | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 19.2 | | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 18.0 | | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 98.0 | | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 16.3 | | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 21.1 | | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 24.3 | | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 20.6 | | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 18.5 | | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 19.5 | | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 18.9 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 110 | | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 19.5 | | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 19.3 | | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 21.4 | | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 20.0 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 19.5 | | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 18.2 | | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 19.5 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 20.7 | | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 18.7 | | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 20.3 | | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 20.4 | | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 120 | | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 19.9 | | 0.14 | 1.00 | ug/L |

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0710WBSD01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0710WBSD01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046937.D | 1 | 07/10/25 12:35 | VX071025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 20.0 | | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 19.8 | | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 21.2 | | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 110 | | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 20.7 | | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 20.8 | | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 18.5 | | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 19.6 | | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 19.5 | | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 39.1 | | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 19.2 | | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 20.1 | | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 20.1 | | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 19.4 | | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.6 | | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 19.8 | | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 18.8 | | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 19.5 | | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 20.5 | | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 19.2 | | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 19.6 | | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 52.1 | | 70 (74) - 130 (125) | 104% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 51.2 | | 70 (75) - 130 (124) | 102% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 49.6 | | 70 (86) - 130 (113) | 99% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 52.7 | | 70 (77) - 130 (121) | 105% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 320000 | 5.562 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 525000 | 6.763 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 482000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 249000 | 12.018 | | | |

Raw Data: **VX046937.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | First Environment, Inc. | Date Collected: | |
| Project: | White Plains Housing Authority - WPHAU006 | Date Received: | |
| Client Sample ID: | VX0710WBSD01 | SDG No.: | Q2553 |
| Lab Sample ID: | VX0710WBSD01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOC-TCLVOA-10 |
| GC Column: | DB-624UI ID : 0.18 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Date Analyzed | Prep Batch ID |
|---|---|---|---|
| VX046937.D | 1 | 07/10/25 12:35 | VX071025 |

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046937.D
Acq On : 10 Jul 2025 12:35
Operator : JC/MD
Sample : VX0710WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 01:27:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 319533 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 525170 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 482068 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 249133 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 220021 | 52.121 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 104.240% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 182598 | 51.222 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 102.440% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 623409 | 49.565 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.120% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 252132 | 52.745 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 105.480% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.185 | 85 | 53733 | 17.584 | ug/l | 98 |
| 3) Chloromethane | 1.307 | 50 | 59649 | 17.866 | ug/l | 94 |
| 4) Vinyl Chloride | 1.386 | 62 | 63527 | 17.472 | ug/l | 94 |
| 5) Bromomethane | 1.624 | 94 | 44527 | 19.060 | ug/l | 96 |
| 6) Chloroethane | 1.703 | 64 | 42569 | 17.731 | ug/l | 96 |
| 7) Trichlorofluoromethane | 1.904 | 101 | 105523 | 18.770 | ug/l | 98 |
| 8) Diethyl Ether | 2.148 | 74 | 39050 | 19.519 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 68760 | 19.195 | ug/l | 99 |
| 10) Methyl Iodide | 2.465 | 142 | 72032 | 18.457 | ug/l | 97 |
| 11) Tert butyl alcohol | 2.953 | 59 | 31363 | 113.282 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.337 | 96 | 62360 | 17.998 | ug/l | 98 |
| 13) Acrolein | 2.246 | 56 | 30430 | 101.174 | ug/l | 100 |
| 14) Allyl chloride | 2.678 | 41 | 116429 | 18.874 | ug/l | 99 |
| 15) Acrylonitrile | 3.075 | 53 | 168593 | 105.325 | ug/l | 99 |
| 16) Acetone | 2.386 | 43 | 128443 | 97.956 | ug/l | 96 |
| 17) Carbon Disulfide | 2.526 | 76 | 147876 | 16.274 | ug/l | 99 |
| 18) Methyl Acetate | 2.715 | 43 | 83919 | 24.281 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.123 | 73 | 206539 | 21.108 | ug/l | 99 |
| 20) Methylene Chloride | 2.800 | 84 | 79772 | 20.574 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 3.105 | 96 | 65723 | 18.537 | ug/l | 99 |
| 22) Diisopropyl ether | 3.764 | 45 | 249844 | 20.964 | ug/l # | 80 |
| 23) Vinyl Acetate | 3.733 | 43 | 918815 | 102.907 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.617 | 63 | 132724 | 19.527 | ug/l | 100 |
| 25) 2-Butanone | 4.562 | 43 | 193429 | 110.567 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.483 | 77 | 91246 | 18.038 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.501 | 96 | 83722 | 19.341 | ug/l | 98 |
| 28) Bromochloromethane | 4.910 | 49 | 71901 | 21.434 | ug/l | 100 |
| 29) Tetrahydrofuran | 5.013 | 42 | 124855 | 111.958 | ug/l | 98 |
| 30) Chloroform | 5.099 | 83 | 139208 | 20.047 | ug/l | 98 |
| 31) Cyclohexane | 5.477 | 56 | 114072 | 18.905 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 5.391 | 97 | 112983 | 19.475 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 90333 | 18.781 | ug/l | 100 |
| 37) Ethyl Acetate | 4.715 | 43 | 79219 | 19.338 | ug/l # | 95 |
| 38) Carbon Tetrachloride | 5.684 | 117 | 99159 | 19.500 | ug/l | 99 |
| 39) Methylcyclohexane | 7.385 | 83 | 109536 | 18.206 | ug/l | 98 |
| 40) Benzene | 6.044 | 78 | 283408 | 19.481 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046937.D
Acq On : 10 Jul 2025 12:35
Operator : JC/MD
Sample : VX0710WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 01:27:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.928 | 41 | 47598 | 21.781 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.092 | 62 | 102213 | 20.691 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.342 | 43 | 135040 | 21.521 | ug/l | | 100 |
| 44) Trichloroethene | 7.129 | 130 | 70835 | 18.705 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 7.434 | 63 | 74569 | 20.288 | ug/l | | 98 |
| 46) Dibromomethane | 7.586 | 93 | 52704 | 20.695 | ug/l | | 99 |
| 47) Bromodichloromethane | 7.824 | 83 | 110763 | 20.369 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.696 | 41 | 70164 | 21.656 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.659 | 88 | 17500 | 466.159 | ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 8.574 | 43 | 426933 | 115.289 | ug/l | | 98 |
| 52) Toluene | 8.720 | 92 | 179467 | 19.908 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.982 | 75 | 97297 | 20.049 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 109903 | 19.841 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 71082 | 21.169 | ug/l | | 96 |
| 56) Ethyl methacrylate | 9.116 | 69 | 97795 | 21.042 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 120732 | 20.881 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.238 | 63 | 266721 | 101.855 | ug/l | | 98 |
| 59) 2-Hexanone | 9.427 | 43 | 282302 | 114.930 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.519 | 129 | 83023 | 20.660 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 70125 | 20.794 | ug/l | | 98 |
| 64) Tetrachloroethene | 9.275 | 164 | 59405 | 18.508 | ug/l | | 96 |
| 65) Chlorobenzene | 10.080 | 112 | 204652 | 19.636 | ug/l | | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131 | 70200 | 20.036 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.195 | 91 | 347539 | 19.471 | ug/l | | 98 |
| 68) m/p-Xylenes | 10.299 | 106 | 262922 | 39.092 | ug/l | | 99 |
| 69) o-Xylene | 10.640 | 106 | 125026 | 19.244 | ug/l | | 97 |
| 70) Styrene | 10.653 | 104 | 223608 | 20.117 | ug/l | | 99 |
| 71) Bromoform | 10.799 | 173 | 52454 | 20.135 | ug/l | # | 98 |
| 73) Isopropylbenzene | 10.964 | 105 | 339278 | 19.373 | ug/l | | 99 |
| 74) N-amyl acetate | 10.842 | 43 | 122668 | 20.612 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 99420 | 20.645 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 79046m | 20.534 | ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 84831 | 19.446 | ug/l | | 99 |
| 78) n-propylbenzene | 11.299 | 91 | 402815 | 19.075 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.360 | 91 | 238425 | 19.121 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 281806 | 19.803 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 27480 | 19.157 | ug/l | | 95 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 286076 | 19.881 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 282461 | 19.218 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 285057 | 19.818 | ug/l | | 96 |
| 85) sec-Butylbenzene | 11.890 | 105 | 356072 | 19.215 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 295422 | 19.037 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 161268 | 19.767 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.037 | 146 | 159372 | 18.770 | ug/l | | 97 |
| 89) n-Butylbenzene | 12.329 | 91 | 270809 | 18.573 | ug/l | | 99 |
| 90) Hexachloroethane | 12.536 | 117 | 50082 | 18.205 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 154222 | 19.507 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75 | 17282 | 20.518 | ug/l | | 100 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 103384 | 19.248 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 13.719 | 225 | 37025 | 18.279 | ug/l | | 99 |
| 95) Naphthalene | 13.774 | 128 | 295349 | 20.868 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 99576 | 19.621 | ug/l | | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046937.D
Acq On : 10 Jul 2025 12:35
Operator : JC/MD
Sample : VX0710WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 01:27:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

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

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

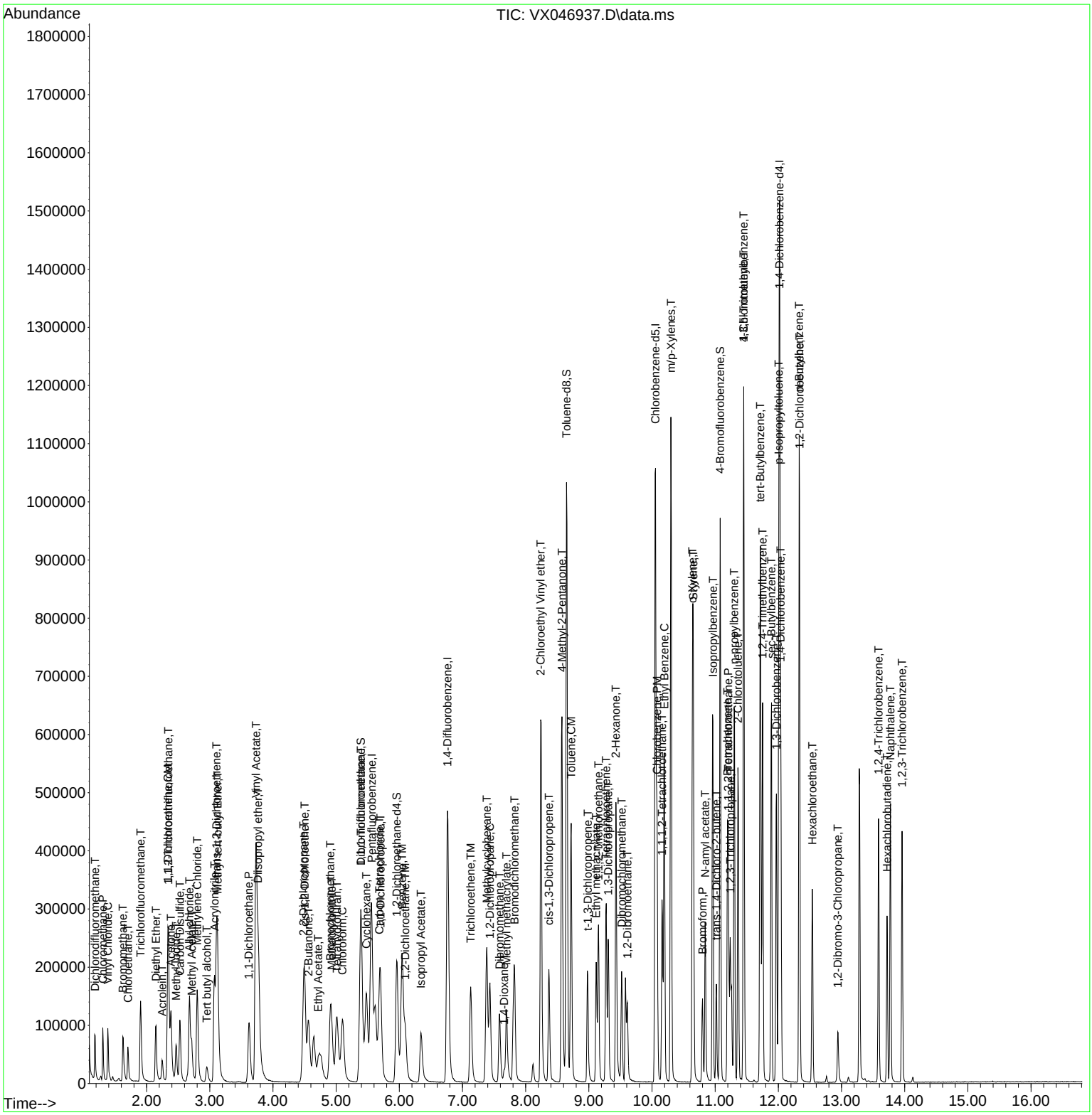
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046937.D
Acq On : 10 Jul 2025 12:35
Operator : JC/MD
Sample : VX0710WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 11 01:27:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0710WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



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

# Manual Integration Report

| Sequence: | VX070225 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICC001 | VX046860.D | 1,2,3-Trichloropropane | JOHN | 7/3/2025 8:43:52 AM | MMDadoda | 7/3/2025 3:09:42 PM | Peak Integrated by Software |
| VSTDICC001 | VX046860.D | 1,4-Dichlorobenzene | JOHN | 7/3/2025 8:43:52 AM | MMDadoda | 7/3/2025 3:09:42 PM | Peak Integrated by Software |
| VSTDICC001 | VX046860.D | 1,4-Dioxane | JOHN | 7/3/2025 8:43:52 AM | MMDadoda | 7/3/2025 3:09:42 PM | Peak Integrated by Software |
| VSTDICC001 | VX046860.D | 2-Butanone | JOHN | 7/3/2025 8:43:52 AM | MMDadoda | 7/3/2025 3:09:42 PM | Peak Integrated by Software |
| VSTDICC001 | VX046860.D | Acrylonitrile | JOHN | 7/3/2025 8:43:52 AM | MMDadoda | 7/3/2025 3:09:42 PM | Peak Integrated by Software |
| VSTDICC001 | VX046860.D | Carbon Tetrachloride | JOHN | 7/3/2025 8:43:52 AM | MMDadoda | 7/3/2025 3:09:42 PM | Peak Integrated by Software |
| VSTDICC001 | VX046860.D | Ethyl Acetate | JOHN | 7/3/2025 8:43:52 AM | MMDadoda | 7/3/2025 3:09:42 PM | Peak Integrated by Software |
| VSTDICC001 | VX046860.D | Methacrylonitrile | JOHN | 7/3/2025 8:43:52 AM | MMDadoda | 7/3/2025 3:09:42 PM | Peak Integrated by Software |
| VSTDICC005 | VX046861.D | 1,2,3-Trichloropropane | JOHN | 7/3/2025 8:43:57 AM | MMDadoda | 7/3/2025 3:09:44 PM | Peak Integrated by Software |
| VSTDICC020 | VX046862.D | 1,2,3-Trichloropropane | JOHN | 7/3/2025 8:44:01 AM | MMDadoda | 7/3/2025 3:09:46 PM | Peak Integrated by Software |
| VSTDICCC050 | VX046863.D | 1,2,3-Trichloropropane | JOHN | 7/3/2025 8:44:05 AM | MMDadoda | 7/3/2025 3:09:47 PM | Peak Integrated by Software |
| VSTDICC100 | VX046864.D | 1,2,3-Trichloropropane | JOHN | 7/3/2025 8:44:09 AM | MMDadoda | 7/3/2025 3:09:49 PM | Peak Integrated by Software |
| VSTDICC150 | VX046865.D | 1,2,3-Trichloropropane | JOHN | 7/3/2025 8:44:13 AM | MMDadoda | 7/3/2025 3:09:51 PM | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | VX070225 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICV050 | VX046867.D | 1,2,3-Trichloropropane | JOHN | 7/3/2025 8:44:17 AM | MMDadoda | 7/3/2025 3:09:53 PM | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | vx071025 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VX046933.D | 1,2,3-Trichloropropane | JOHN | 7/11/2025 8:39:45 AM | MMDadoda | 7/14/2025 7:46:10 AM | Peak Integrated by Software |
| VX0710WBS01 | VX046936.D | 1,2,3-Trichloropropane | JOHN | 7/11/2025 8:39:49 AM | MMDadoda | 7/14/2025 7:46:12 AM | Peak Integrated by Software |
| VX0710WBSD01 | VX046937.D | 1,2,3-Trichloropropane | JOHN | 7/11/2025 8:39:53 AM | MMDadoda | 7/14/2025 7:46:17 AM | Peak Integrated by Software |
| Q2553-01 | VX046943.D | Acetone | JOHN | 7/11/2025 8:39:57 AM | MMDadoda | 7/14/2025 7:46:18 AM | Peak Integrated by Software |
| Q2553-01 | VX046943.D | n-Butylbenzene | JOHN | 7/11/2025 8:39:57 AM | MMDadoda | 7/14/2025 7:46:18 AM | Peak Integrated by Software |
| Q2553-02 | VX046944.D | n-Butylbenzene | JOHN | 7/11/2025 8:40:01 AM | MMDadoda | 7/14/2025 7:46:20 AM | Peak Integrated by Software |
| Q2553-03 | VX046945.D | n-Butylbenzene | JOHN | 7/11/2025 8:40:06 AM | MMDadoda | 7/14/2025 7:46:22 AM | Peak Integrated by Software |
| Q2553-04 | VX046946.D | n-Butylbenzene | JOHN | 7/11/2025 8:40:11 AM | MMDadoda | 7/14/2025 7:46:24 AM | Peak Integrated by Software |
| VSTDCCC050 | VX046959.D | 1,2,3-Trichloropropane | JOHN | 7/11/2025 8:41:21 AM | MMDadoda | 7/14/2025 7:47:02 AM | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | VX071425 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VX046961.D | 1,2,3-Trichloropropane | MMDadoda | 7/15/2025 4:53:58 AM | SAM | 7/15/2025 4:55:11 AM | Peak Integrated by Software |
| VX0714WBS01 | VX046968.D | 1,2,3-Trichloropropane | MMDadoda | 7/15/2025 4:54:03 AM | SAM | 7/15/2025 4:55:18 AM | Peak Integrated by Software |
| VSTDCCC050 | VX046986.D | 1,2,3-Trichloropropane | MMDadoda | 7/15/2025 4:54:13 AM | SAM | 7/15/2025 4:55:26 AM | Peak Integrated by Software |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 7/3/2025 8:44:30 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 7/3/2025 3:09:59 PM | | |
| SubDirectory | VX070225 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134642 |
| Initial Calibration Stds | VP134633,VP134634,VP134635,VP134638,VP134639,VP134640 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | VP134641 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX046859.D | 02 Jul 2025 11:12 | JC/MD | Ok |
| 2 | VSTDICC001 | VX046860.D | 02 Jul 2025 12:11 | JC/MD | Ok,M |
| 3 | VSTDICC005 | VX046861.D | 02 Jul 2025 12:37 | JC/MD | Ok,M |
| 4 | VSTDICC020 | VX046862.D | 02 Jul 2025 13:18 | JC/MD | Ok,M |
| 5 | VSTDICCC050 | VX046863.D | 02 Jul 2025 13:39 | JC/MD | Ok,M |
| 6 | VSTDICC100 | VX046864.D | 02 Jul 2025 14:10 | JC/MD | Ok,M |
| 7 | VSTDICC150 | VX046865.D | 02 Jul 2025 14:31 | JC/MD | Ok,M |
| 8 | VIBLK | VX046866.D | 02 Jul 2025 14:53 | JC/MD | Ok |
| 9 | VSTDICV050 | VX046867.D | 02 Jul 2025 15:14 | JC/MD | Ok,M |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX071025

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 7/11/2025 8:53:41 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 7/14/2025 7:47:20 AM | | |
| SubDirectory | VX071025 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134710 |
| Initial Calibration Stds | |
| CCC | VP134714,VP134715 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX046932.D | 10 Jul 2025 08:43 | JC/MD | Ok |
| 2 | VSTDCCC050 | VX046933.D | 10 Jul 2025 09:54 | JC/MD | Ok,M |
| 3 | VX0710MBL01 | VX046934.D | 10 Jul 2025 10:22 | JC/MD | Ok |
| 4 | VX0710WBL01 | VX046935.D | 10 Jul 2025 11:44 | JC/MD | Ok |
| 5 | VX0710WBS01 | VX046936.D | 10 Jul 2025 12:10 | JC/MD | Ok,M |
| 6 | VX0710WBSD01 | VX046937.D | 10 Jul 2025 12:35 | JC/MD | Ok,M |
| 7 | IBLK | VX046938.D | 10 Jul 2025 12:57 | JC/MD | Ok |
| 8 | Q2553-06 | VX046939.D | 10 Jul 2025 13:18 | JC/MD | Ok |
| 9 | Q2553-05 | VX046940.D | 10 Jul 2025 13:39 | JC/MD | ReRun |
| 10 | Q2554-02 | VX046941.D | 10 Jul 2025 14:00 | JC/MD | Ok |
| 11 | Q2554-04 | VX046942.D | 10 Jul 2025 14:21 | JC/MD | Ok |
| 12 | Q2553-01 | VX046943.D | 10 Jul 2025 14:43 | JC/MD | Ok,M |
| 13 | Q2553-02 | VX046944.D | 10 Jul 2025 15:04 | JC/MD | Ok,M |
| 14 | Q2553-03 | VX046945.D | 10 Jul 2025 15:26 | JC/MD | Ok,M |
| 15 | Q2553-04 | VX046946.D | 10 Jul 2025 15:47 | JC/MD | Ok,M |
| 16 | PB168762TB | VX046947.D | 10 Jul 2025 16:08 | JC/MD | Ok,M |
| 17 | Q2517-04 | VX046948.D | 10 Jul 2025 16:30 | JC/MD | Ok |
| 18 | Q2519-04 | VX046949.D | 10 Jul 2025 16:51 | JC/MD | Ok,M |
| 19 | Q2554-03 | VX046950.D | 10 Jul 2025 17:12 | JC/MD | Ok |
| 20 | Q2554-01 | VX046951.D | 10 Jul 2025 17:34 | JC/MD | Ok,M |
| 21 | IBLK | VX046952.D | 10 Jul 2025 17:55 | JC/MD | Ok |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX071025

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 7/11/2025 8:53:41 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 7/14/2025 7:47:20 AM | | |
| SubDirectory | VX071025 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134710 |
| Initial Calibration Stds | |
| CCC | VP134714,VP134715 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | VX0710MBS01 | VX046953.D | 10 Jul 2025 18:16 | JC/MD | Ok,M |
| 23 | VX0710MBSD01 | VX046954.D | 10 Jul 2025 18:37 | JC/MD | Ok,M |
| 24 | Q2480-05 | VX046955.D | 10 Jul 2025 18:59 | JC/MD | Ok,M |
| 25 | Q2480-06ME | VX046956.D | 10 Jul 2025 19:20 | JC/MD | Ok,M |
| 26 | Q2480-07ME | VX046957.D | 10 Jul 2025 19:41 | JC/MD | Ok,M |
| 27 | Q2480-08 | VX046958.D | 10 Jul 2025 20:02 | JC/MD | Ok,M |
| 28 | VSTDCCC050 | VX046959.D | 10 Jul 2025 20:23 | JC/MD | Ok,M |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 7/15/2025 4:54:26 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 7/15/2025 4:55:39 AM | | |
| SubDirectory | VX071425 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134751 |
| Initial Calibration Stds | |
| CCC | VP134752,VP134753 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX046960.D | 14 Jul 2025 08:10 | JC/MD | Ok |
| 2 | VSTDCCC050 | VX046961.D | 14 Jul 2025 09:16 | JC/MD | Ok,M |
| 3 | VX0714MBL01 | VX046962.D | 14 Jul 2025 10:54 | JC/MD | Ok |
| 4 | VX0714WBL01 | VX046963.D | 14 Jul 2025 11:18 | JC/MD | Ok |
| 5 | VX0714MBS01 | VX046964.D | 14 Jul 2025 11:39 | JC/MD | Ok,M |
| 6 | VX0714MBSD01 | VX046965.D | 14 Jul 2025 12:06 | JC/MD | Ok,M |
| 7 | Q2480-04ME | VX046966.D | 14 Jul 2025 12:27 | JC/MD | Ok |
| 8 | Q2480-02ME | VX046967.D | 14 Jul 2025 12:49 | JC/MD | Ok,M |
| 9 | VX0714WBS01 | VX046968.D | 14 Jul 2025 13:10 | JC/MD | Ok,M |
| 10 | VX0714WBSD01 | VX046969.D | 14 Jul 2025 13:37 | JC/MD | Ok,M |
| 11 | Q2523-01 | VX046970.D | 14 Jul 2025 13:58 | JC/MD | Not Ok |
| 12 | Q2526-02 | VX046971.D | 14 Jul 2025 14:19 | JC/MD | Ok |
| 13 | Q2565-03 | VX046972.D | 14 Jul 2025 14:41 | JC/MD | Ok |
| 14 | Q2565-04 | VX046973.D | 14 Jul 2025 15:02 | JC/MD | Ok,M |
| 15 | Q2565-05 | VX046974.D | 14 Jul 2025 15:23 | JC/MD | Not Ok |
| 16 | IBLK | VX046975.D | 14 Jul 2025 15:45 | JC/MD | Ok |
| 17 | Q2578-01 | VX046976.D | 14 Jul 2025 16:06 | JC/MD | ReRun |
| 18 | Q2578-05 | VX046977.D | 14 Jul 2025 16:28 | JC/MD | ReRun |
| 19 | Q2578-09 | VX046978.D | 14 Jul 2025 16:49 | JC/MD | ReRun |
| 20 | Q2578-13 | VX046979.D | 14 Jul 2025 17:10 | JC/MD | ReRun |
| 21 | Q2578-17 | VX046980.D | 14 Jul 2025 17:31 | JC/MD | ReRun |

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**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 7/15/2025 4:54:26 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 7/15/2025 4:55:39 AM | | |
| SubDirectory | VX071425 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134751 |
| Initial Calibration Stds | |
| CCC | VP134752,VP134753 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q2579-01 | VX046981.D | 14 Jul 2025 17:53 | JC/MD | ReRun |
| 23 | Q2579-05 | VX046982.D | 14 Jul 2025 18:14 | JC/MD | ReRun |
| 24 | IBLK | VX046983.D | 14 Jul 2025 18:35 | JC/MD | Ok |
| 25 | Q2553-05 | VX046984.D | 14 Jul 2025 18:56 | JC/MD | Ok |
| 26 | Q2595-01 | VX046985.D | 14 Jul 2025 19:17 | JC/MD | Ok |
| 27 | VSTDCCC050 | VX046986.D | 14 Jul 2025 19:38 | JC/MD | Ok,M |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 7/3/2025 8:44:30 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 7/3/2025 3:09:59 PM | | |
| SubDirectory | VX070225 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134642 |
| Initial Calibration Stds | VP134633,VP134634,VP134635,VP134638,VP134639,VP134640 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | VP134641 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VX046859.D | 02 Jul 2025 11:12 | | JC/MD | Ok |
| 2 | VSTDICC001 | VSTDICC001 | VX046860.D | 02 Jul 2025 12:11 | | JC/MD | Ok,M |
| 3 | VSTDICC005 | VSTDICC005 | VX046861.D | 02 Jul 2025 12:37 | %D Failed for com.#13 in 5 ppb | JC/MD | Ok,M |
| 4 | VSTDICC020 | VSTDICC020 | VX046862.D | 02 Jul 2025 13:18 | | JC/MD | Ok,M |
| 5 | VSTDICCC050 | VSTDICCC050 | VX046863.D | 02 Jul 2025 13:39 | LR-13 | JC/MD | Ok,M |
| 6 | VSTDICC100 | VSTDICC100 | VX046864.D | 02 Jul 2025 14:10 | | JC/MD | Ok,M |
| 7 | VSTDICC150 | VSTDICC150 | VX046865.D | 02 Jul 2025 14:31 | | JC/MD | Ok,M |
| 8 | VIBLK | VIBLK | VX046866.D | 02 Jul 2025 14:53 | | JC/MD | Ok |
| 9 | VSTDICV050 | ICVVX070225 | VX046867.D | 02 Jul 2025 15:14 | | JC/MD | Ok,M |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX071025

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 7/11/2025 8:53:41 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 7/14/2025 7:47:20 AM | | |
| SubDirectory | VX071025 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134710 |
| Initial Calibration Stds | |
| CCC | VP134714,VP134715 |
| 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 | VX046932.D | 10 Jul 2025 08:43 | | JC/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VX046933.D | 10 Jul 2025 09:54 | | JC/MD | Ok,M |
| 3 | VX0710MBL01 | VX0710MBL01 | VX046934.D | 10 Jul 2025 10:22 | | JC/MD | Ok |
| 4 | VX0710WBL01 | VX0710WBL01 | VX046935.D | 10 Jul 2025 11:44 | | JC/MD | Ok |
| 5 | VX0710WBS01 | VX0710WBS01 | VX046936.D | 10 Jul 2025 12:10 | | JC/MD | Ok,M |
| 6 | VX0710WBSD01 | VX0710WBSD01 | VX046937.D | 10 Jul 2025 12:35 | | JC/MD | Ok,M |
| 7 | IBLK | IBLK | VX046938.D | 10 Jul 2025 12:57 | | JC/MD | Ok |
| 8 | Q2553-06 | TB | VX046939.D | 10 Jul 2025 13:18 | vial A pH<2 TB | JC/MD | Ok |
| 9 | Q2553-05 | FB | VX046940.D | 10 Jul 2025 13:39 | vial A pH<2 FB;Hit of com.#17 | JC/MD | ReRun |
| 10 | Q2554-02 | 250709059-10 Trip blar | VX046941.D | 10 Jul 2025 14:00 | vial A pH#6.0 TB | JC/MD | Ok |
| 11 | Q2554-04 | 250709059-11 Trip blar | VX046942.D | 10 Jul 2025 14:21 | vial A pH#6.0 TB | JC/MD | Ok |
| 12 | Q2553-01 | AOC-201 | VX046943.D | 10 Jul 2025 14:43 | vial A pH<2 | JC/MD | Ok,M |
| 13 | Q2553-02 | AOC-202 | VX046944.D | 10 Jul 2025 15:04 | vial A pH<2 | JC/MD | Ok,M |
| 14 | Q2553-03 | AOC-203 | VX046945.D | 10 Jul 2025 15:26 | vial A pH<2 | JC/MD | Ok,M |
| 15 | Q2553-04 | AOC-205 | VX046946.D | 10 Jul 2025 15:47 | vial A pH<2 | JC/MD | Ok,M |
| 16 | PB168762TB | PB168762TB | VX046947.D | 10 Jul 2025 16:08 | | JC/MD | Ok,M |
| 17 | Q2517-04 | TP-14 | VX046948.D | 10 Jul 2025 16:30 | vial A pH#5.0 | JC/MD | Ok |
| 18 | Q2519-04 | TP-15 | VX046949.D | 10 Jul 2025 16:51 | vial A pH#5.0 | JC/MD | Ok,M |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX071025

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 7/11/2025 8:53:41 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 7/14/2025 7:47:20 AM | | |
| SubDirectory | VX071025 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134710 |
| Initial Calibration Stds | |
| CCC | VP134714,VP134715 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q2554-03 | 250709104-01 VOA | VX046950.D | 10 Jul 2025 17:12 | vial A pH#6.0 | JC/MD | Ok |
| 20 | Q2554-01 | 250709071-01 VOA | VX046951.D | 10 Jul 2025 17:34 | vial A pH#6.0 Need 5X. No more vials. | JC/MD | Ok,M |
| 21 | IBLK | IBLK | VX046952.D | 10 Jul 2025 17:55 | | JC/MD | Ok |
| 22 | VX0710MBS01 | VX0710MBS01 | VX046953.D | 10 Jul 2025 18:16 | BS Failed Low for com.#05 | JC/MD | Ok,M |
| 23 | VX0710MBSD01 | VX0710MBSD01 | VX046954.D | 10 Jul 2025 18:37 | BSD Failed Low for com.#05 | JC/MD | Ok,M |
| 24 | Q2480-05 | GPX5 | VX046955.D | 10 Jul 2025 18:59 | | JC/MD | Ok,M |
| 25 | Q2480-06ME | GPX6ME | VX046956.D | 10 Jul 2025 19:20 | | JC/MD | Ok,M |
| 26 | Q2480-07ME | GPX7ME | VX046957.D | 10 Jul 2025 19:41 | | JC/MD | Ok,M |
| 27 | Q2480-08 | GPX8 | VX046958.D | 10 Jul 2025 20:02 | | JC/MD | Ok,M |
| 28 | VSTDCCC050 | VSTDCCC050EC | VX046959.D | 10 Jul 2025 20:23 | | JC/MD | Ok,M |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 7/15/2025 4:54:26 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 7/15/2025 4:55:39 AM | | |
| SubDirectory | VX071425 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134751 |
| Initial Calibration Stds | |
| CCC | VP134752,VP134753 |
| 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 | VX046960.D | 14 Jul 2025 08:10 | | JC/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VX046961.D | 14 Jul 2025 09:16 | pH#Lot#V12668 | JC/MD | Ok,M |
| 3 | VX0714MBL01 | VX0714MBL01 | VX046962.D | 14 Jul 2025 10:54 | | JC/MD | Ok |
| 4 | VX0714WBL01 | VX0714WBL01 | VX046963.D | 14 Jul 2025 11:18 | | JC/MD | Ok |
| 5 | VX0714MBS01 | VX0714MBS01 | VX046964.D | 14 Jul 2025 11:39 | | JC/MD | Ok,M |
| 6 | VX0714MBSD01 | VX0714MBSD01 | VX046965.D | 14 Jul 2025 12:06 | | JC/MD | Ok,M |
| 7 | Q2480-04ME | GPX4ME | VX046966.D | 14 Jul 2025 12:27 | | JC/MD | Ok |
| 8 | Q2480-02ME | GPX2ME | VX046967.D | 14 Jul 2025 12:49 | | JC/MD | Ok,M |
| 9 | VX0714WBS01 | VX0714WBS01 | VX046968.D | 14 Jul 2025 13:10 | | JC/MD | Ok,M |
| 10 | VX0714WBSD01 | VX0714WBSD01 | VX046969.D | 14 Jul 2025 13:37 | | JC/MD | Ok,M |
| 11 | Q2523-01 | MOO-25-0190 | VX046970.D | 14 Jul 2025 13:58 | Need Soil Run | JC/MD | Not Ok |
| 12 | Q2526-02 | LAW-25-0101 | VX046971.D | 14 Jul 2025 14:19 | wipe sample | JC/MD | Ok |
| 13 | Q2565-03 | MOO-25-0191 | VX046972.D | 14 Jul 2025 14:41 | wipe sample | JC/MD | Ok |
| 14 | Q2565-04 | MOO-25-0196 | VX046973.D | 14 Jul 2025 15:02 | wipe sample | JC/MD | Ok,M |
| 15 | Q2565-05 | MOO-25-0180 | VX046974.D | 14 Jul 2025 15:23 | Need Soil Run | JC/MD | Not Ok |
| 16 | IBLK | IBLK | VX046975.D | 14 Jul 2025 15:45 | | JC/MD | Ok |
| 17 | Q2578-01 | WC-A5-01-G | VX046976.D | 14 Jul 2025 16:06 | Surrogate fail | JC/MD | ReRun |
| 18 | Q2578-05 | WC-A2-09-G | VX046977.D | 14 Jul 2025 16:28 | Surrogate fail | JC/MD | ReRun |

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**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX071425

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 7/15/2025 4:54:26 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 7/15/2025 4:55:39 AM | | |
| SubDirectory | VX071425 | HP Acquire Method | | HP Processing Method | 82X070225W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP134751 |
| Initial Calibration Stds | |
| CCC | VP134752,VP134753 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q2578-09 | WC-A2-10-G | VX046978.D | 14 Jul 2025 16:49 | Surrogate fail | JC/MD | ReRun |
| 20 | Q2578-13 | WC-A2-11-G | VX046979.D | 14 Jul 2025 17:10 | Surrogate fail | JC/MD | ReRun |
| 21 | Q2578-17 | WC-A2-12-G | VX046980.D | 14 Jul 2025 17:31 | Surrogate fail | JC/MD | ReRun |
| 22 | Q2579-01 | WC-A2-13-G | VX046981.D | 14 Jul 2025 17:53 | Surrogate fail | JC/MD | ReRun |
| 23 | Q2579-05 | WC-A2-14-G | VX046982.D | 14 Jul 2025 18:14 | Surrogate fail | JC/MD | ReRun |
| 24 | IBLK | IBLK | VX046983.D | 14 Jul 2025 18:35 | | JC/MD | Ok |
| 25 | Q2553-05 | FB | VX046984.D | 14 Jul 2025 18:56 | vial B pH<2 FB | JC/MD | Ok |
| 26 | Q2595-01 | CHRT-24849 | VX046985.D | 14 Jul 2025 19:17 | jelly like sample | JC/MD | Ok |
| 27 | VSTDCCC050 | VSTDCCC050EC | VX046986.D | 14 Jul 2025 19:38 | | JC/MD | Ok,M |

M : Manual Integration


# 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. Q2553
COC Number 2047560

## CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: First Environment Inc.
ADDRESS: 10 Park Pl Suite 504
CITY Butler STATE: NJ ZIP: 07405
ATTENTION: Ken Cwiekа
PHONE: 973-334-0003 FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: White Plains Housing Auth
PROJECT NO. WPHA006 LOCATION: N.Y.
PROJECT MANAGER: Ken Cwiekа
e-mail: KMC@FirstEnvironment.com
PHONE: 973-334-0003 FAX:

## CLIENT BILLING INFORMATION

BILL TO: First Environment PO#:
ADDRESS: 10 Park Pl
CITY Butler STATE: N.J. ZIP: 07405
ATTENTION: Accounting PHONE:

## DATA TURNAROUND INFORMATION

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

## DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ~~Reduced~~ ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ☒ NYS ASP A ❑ NYS ASP B
❑ Other _____
☒ EDD FORMAT _____

## ANALYSIS

1: VOC +15 2: BN +15 3. 4 5 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | HCl | NONE | | | | | | | | ← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER |
| 1. | AOC-201 | GW | | ✓ | 7-9-25 | 1247 | 4 | 2 | 2 | | | | | | | | |
| 2. | AOC-202 | GW | | ✓ | 7-9-25 | 1315 | 3 | 2 | 1 | | | | | | | | |
| 3. | AOC-203 | GW | | ✓ | 7-9-25 | 1300 | 3 | 2 | 1 | | | | | | | | |
| 4. | AOC-205 | GW | | ✓ | 7-9-25 | 1236 | 4 | 2 | 2 | | | | | | | | |
| 5. | FB | DI | | ✓ | 7-9-25 | 1320 | 3 | 2 | 1 | | | | | | | | |
| 6. | TB | DI | | | 7-9-25 | | 2 | 2 | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | |

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

| RELINQUISHED BY SAMPLER: | DATE/TIME: | RECEIVED BY: |
|---|---|---|
| 1. KMC | 7-9-2025 | 1. |
| 2. | 7/9/25 16:15 | 2. |
| 3. | | 3. |

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2-8° °C
Comments: All AOC Wells - 3 Day Turnaround
FB Standard Turnaround Time

Page _____ of

CLIENT: ❑ Hand Delivered ❑ Other _____

Shipment Complete ❑ YES ❑ NO



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

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| | |
| CAS EPA CLP Contract | 68HERH20D0011 |
| | |
| Connecticut | PH-0830 |
| | |
| DOD ELAP (ANAB) | L2219 |
| | |
| Maine | 2024021 |
| | |
| Maryland | 296 |
| | |
| New Hampshire | 255424 Rev 1 |
| | |
| New Jersey | 20012 |
| | |
| New York | 11376 |
| | |
| Pennsylvania | 68-00548 |
| | |
| Soil Permit | 525-24-234-08441 |
| | |
| Texas | T104704488 |

QA Control Code: A2070148

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q2553 FIRS02
**Client Name :** First Environment, Inc.
**Client Contact :** Ken Cwieka
**Invoice Name :** First Environment, Inc.
**Invoice Contact :** Ken Cwieka

**Order Date :** 7/9/2025 4:20:00 PM
**Project Name :** White Plains Housing Auth
**Receive DateTime :** 7/9/2025 4:15:00 PM
**Purchase Order :**

**Project Mgr :**
**Report Type :** NYS ASP A
**EDD Type :** Excel NJ
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q2553-01 | AOC-201 | Water | 07/09/2025 | 12:47 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 3 Bus. Days |
| Q2553-02 | AOC-202 | Water | 07/09/2025 | 13:15 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 3 Bus. Days |
| Q2553-03 | AOC-203 | Water | 07/09/2025 | 13:00 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 3 Bus. Days |
| Q2553-04 | AOC-205 | Water | 07/09/2025 | 12:36 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 3 Bus. Days |
| Q2553-05 | FB | Water | 07/09/2025 | 13:20 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q2553-06 | TB | Water | 07/09/2025 | 13:20 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |

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**Client Name :** First Environment, Inc.
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**Invoice Contact :** Ken Cwieka

**Order Date :** 7/9/2025 4:20:00 PM
**Project Name :** White Plains Housing Auth
**Receive DateTime :** 7/9/2025 4:15:00 PM
**Purchase Order :**

**Project Mgr :**
**Report Type :** NYS ASP A
**EDD Type :** Excel NJ
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|

**Relinguished By :** CP
**Date / Time :** 7/10/25 8:45

**Received By :** [signature]
**Date / Time :** 07/10/25 8:45 Ref 5

**Storage Area :** VOA Refridgerator Room