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

# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1576

**Client:** G Environmental

| Sample ID | Client ID | Matrix | Parameter | | Concentration | | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|---|
| **Client ID:** | **MW14** | | | | | | | | | |
| Q1576-01 | MW14 | Water | Acetone | | 3.80 | | J | 1.50 | 5.00 | ug/L |
| Q1576-01 | MW14 | Water | 1,1-Dichloroethane | | 0.79 | | J | 0.23 | 1.00 | ug/L |
| Q1576-01 | MW14 | Water | Trichloroethene | | 0.92 | | J | 0.090 | 1.00 | ug/L |
| | | | **Total Voc :** | | | 5.51 | | | | |
| Q1576-01 | MW14 | Water | Diethyl Ether | * | 1.50 | | J | 0.31 | 1.00 | ug/L |
| | | | **Total Tics :** | | | 1.50 | | | | |
| | | | **Total Concentration:** | | | 7.01 | | | | |

# SAMPLE DATA

Raw Data: **VX045334.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 03/12/25 |
| Project: | Ave L | Date Received: | 03/14/25 |
| Client Sample ID: | MW14 | SDG No.: | Q1576 |
| Lab Sample ID: | Q1576-01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045334.D | 1 | | 03/18/25 18:43 | VX031825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 3.80 | J | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.79 | J | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 0.98 | U | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 0.25 | U | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.92 | J | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 0.14 | U | 0.14 | 1.00 | ug/L |

Raw Data: **VX045334.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 03/12/25 |
| Project: | Ave L | Date Received: | 03/14/25 |
| Client Sample ID: | MW14 | SDG No.: | Q1576 |
| Lab Sample ID: | Q1576-01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045334.D | 1 | | 03/18/25 18:43 | VX031825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 57.2 | | 70 (74) - 130 (125) | 114% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 51.8 | | 70 (75) - 130 (124) | 104% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.5 | | 70 (86) - 130 (113) | 103% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 55.7 | | 70 (77) - 130 (121) | 111% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 70000 | 5.544 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 138000 | 6.757 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 128000 | 10.049 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 54200 | 12.018 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |

Raw Data: **VX045334.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 03/12/25 |
| Project: | Ave L | Date Received: | 03/14/25 |
| Client Sample ID: | MW14 | SDG No.: | Q1576 |
| Lab Sample ID: | Q1576-01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045334.D | 1 | | 03/18/25 18:43 | VX031825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 60-29-7 | Diethyl Ether | 1.50 | J | | 2.13 | ug/L |

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

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

# QC SUMMARY

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

# Surrogate Summary

**SDG No.:** Q1576

**Client:** G Environmental

**Analytical Method:** SW8260-Low

| Lab Sample ID | Client ID | Parameter | Spike | Result | RecoveryQual | Limits Low | Limits High |
|---|---|---|---|---|---|---|---|
| Q1576-01 | MW14 | 1,2-Dichloroethane-d4 | 50 | 57.2 | 114 | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 51.8 | 104 | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 51.5 | 103 | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 55.7 | 111 | 70 (77) | 130 (121) |
| VX0318WBL01 | VX0318WBL01 | 1,2-Dichloroethane-d4 | 50 | 56.3 | 113 | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 54.0 | 108 | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 52.3 | 105 | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 52.2 | 104 | 70 (77) | 130 (121) |
| VX0318WBS01 | VX0318WBS01 | 1,2-Dichloroethane-d4 | 50 | 53.2 | 106 | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 52.9 | 106 | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 51.2 | 102 | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 54.1 | 108 | 70 (77) | 130 (121) |
| VX0318WBSD0 | VX0318WBSD01 | 1,2-Dichloroethane-d4 | 50 | 54.3 | 109 | 70 (74) | 130 (125) |
| | | Dibromofluoromethane | 50 | 52.5 | 105 | 70 (75) | 130 (124) |
| | | Toluene-d8 | 50 | 51.0 | 102 | 70 (86) | 130 (113) |
| | | 4-Bromofluorobenzene | 50 | 54.4 | 109 | 70 (77) | 130 (121) |

( ) = LABORATORY INHOUSE LIMIT

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

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q1576

**Client:** G Environmental

**Analytical Method:** SW8260-Low **Datafile :** VX045315.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX0318WBS01 | Dichlorodifluoromethane | 20 | 18.6 | ug/L | 93 | | | 40 (69) | 160 (116) | |
| | Chloromethane | 20 | 16.7 | ug/L | 84 | | | 40 (65) | 160 (116) | |
| | Vinyl chloride | 20 | 15.9 | ug/L | 79 | | | 70 (65) | 130 (117) | |
| | Bromomethane | 20 | 18.2 | ug/L | 91 | | | 40 (58) | 160 (125) | |
| | Chloroethane | 20 | 20.3 | ug/L | 102 | | | 40 (56) | 160 (128) | |
| | Trichlorofluoromethane | 20 | 18.6 | ug/L | 93 | | | 40 (73) | 160 (115) | |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 20.8 | ug/L | 104 | | | 70 (80) | 130 (112) | |
| | 1,1-Dichloroethene | 20 | 18.5 | ug/L | 93 | | | 70 (74) | 130 (110) | |
| | Acetone | 100 | 99.4 | ug/L | 99 | | | 40 (60) | 160 (125) | |
| | Carbon disulfide | 20 | 14.6 | ug/L | 73 | | | 40 (64) | 160 (112) | |
| | Methyl tert-butyl Ether | 20 | 19.8 | ug/L | 99 | | | 70 (78) | 130 (114) | |
| | Methyl Acetate | 20 | 24.5 | ug/L | 123 | | | 70 (67) | 130 (125) | |
| | Methylene Chloride | 20 | 18.8 | ug/L | 94 | | | 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 | 18.6 | ug/L | 93 | | | 70 (75) | 130 (110) | |
| | 2-Butanone | 100 | 100 | ug/L | 100 | | | 40 (65) | 160 (122) | |
| | Carbon Tetrachloride | 20 | 19.7 | ug/L | 99 | | | 70 (77) | 130 (113) | |
| | cis-1,2-Dichloroethene | 20 | 19.6 | ug/L | 98 | | | 70 (77) | 130 (110) | |
| | Bromochloromethane | 20 | 21.8 | ug/L | 109 | | | 70 (70) | 130 (124) | |
| | Chloroform | 20 | 20.5 | ug/L | 103 | | | 70 (79) | 130 (113) | |
| | 1,1,1-Trichloroethane | 20 | 20.0 | ug/L | 100 | | | 70 (80) | 130 (108) | |
| | Methylcyclohexane | 20 | 19.8 | ug/L | 99 | | | 70 (72) | 130 (115) | |
| | Benzene | 20 | 19.7 | ug/L | 99 | | | 70 (82) | 130 (109) | |
| | 1,2-Dichloroethane | 20 | 21.3 | ug/L | 106 | | | 70 (80) | 130 (115) | |
| | Trichloroethene | 20 | 18.9 | ug/L | 95 | | | 70 (77) | 130 (113) | |
| | 1,2-Dichloropropane | 20 | 19.8 | ug/L | 99 | | | 70 (83) | 130 (111) | |
| | Bromodichloromethane | 20 | 20.6 | ug/L | 103 | | | 70 (83) | 130 (110) | |
| | 4-Methyl-2-Pentanone | 100 | 110 | ug/L | 110 | | | 40 (74) | 160 (118) | |
| | Toluene | 20 | 20.5 | ug/L | 103 | | | 70 (82) | 130 (110) | |
| | t-1,3-Dichloropropene | 20 | 20.4 | ug/L | 102 | | | 70 (79) | 130 (110) | |
| | cis-1,3-Dichloropropene | 20 | 21.2 | ug/L | 106 | | | 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 | 20.3 | ug/L | 102 | | | 70 (82) | 130 (110) | |
| | 1,2-Dibromoethane | 20 | 20.4 | ug/L | 102 | | | 70 (81) | 130 (110) | |
| | Tetrachloroethene | 20 | 20.0 | ug/L | 100 | | | 70 (67) | 130 (123) | |
| | Chlorobenzene | 20 | 19.9 | ug/L | 100 | | | 70 (82) | 130 (109) | |
| | Ethyl Benzene | 20 | 20.3 | ug/L | 102 | | | 70 (83) | 130 (109) | |
| | m/p-Xylenes | 40 | 41.2 | ug/L | 103 | | | 70 (82) | 130 (110) | |
| | o-Xylene | 20 | 20.1 | ug/L | 101 | | | 70 (83) | 130 (109) | |
| | Styrene | 20 | 20.9 | ug/L | 104 | | | 70 (80) | 130 (111) | |
| | Bromoform | 20 | 20.0 | ug/L | 100 | | | 70 (79) | 130 (109) | |
| | Isopropylbenzene | 20 | 21.0 | ug/L | 105 | | | 70 (83) | 130 (112) | |
| | 1,1,2,2-Tetrachloroethane | 20 | 20.2 | ug/L | 101 | | | 70 (76) | 130 (118) | |
| | 1,3-Dichlorobenzene | 20 | 20.2 | ug/L | 101 | | | 70 (82) | 130 (108) | |
| | 1,4-Dichlorobenzene | 20 | 19.9 | ug/L | 100 | | | 70 (82) | 130 (107) | |
| | 1,2-Dichlorobenzene | 20 | 20.5 | ug/L | 103 | | | 70 (82) | 130 (109) | |

( ) = LABORATORY INHOUSE LIMIT

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

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q1576

**Client:** G Environmental

**Analytical Method:** SW8260-Low **Datafile :** VX045315.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX0318WBS01 | 1,2-Dibromo-3-Chloropropane | 20 | 20.1 | ug/L | 101 | | | 40 (68) | 160 (112) | |
| | 1,2,4-Trichlorobenzene | 20 | 19.7 | ug/L | 99 | | | 70 (75) | 130 (113) | |
| | 1,2,3-Trichlorobenzene | 20 | 19.7 | ug/L | 99 | | | 70 (76) | 130 (114) | |

( ) = LABORATORY INHOUSE LIMIT

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

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q1576

**Client:** G Environmental

**Analytical Method:** SW8260-Low **Datafile :** VX045316.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX0318WBSD01 | Dichlorodifluoromethane | 20 | 18.7 | ug/L | 94 | 1 | | 40 (69) | 160 (116) | 20 (20) |
| | Chloromethane | 20 | 16.8 | ug/L | 84 | 0 | | 40 (65) | 160 (116) | 20 (20) |
| | Vinyl chloride | 20 | 15.8 | ug/L | 79 | 0 | | 70 (65) | 130 (117) | 20 (20) |
| | Bromomethane | 20 | 18.4 | ug/L | 92 | 1 | | 40 (58) | 160 (125) | 20 (20) |
| | Chloroethane | 20 | 19.8 | ug/L | 99 | 3 | | 40 (56) | 160 (128) | 20 (20) |
| | Trichlorofluoromethane | 20 | 17.9 | ug/L | 90 | 3 | | 40 (73) | 160 (115) | 20 (20) |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 21.2 | ug/L | 106 | 2 | | 70 (80) | 130 (112) | 20 (20) |
| | 1,1-Dichloroethene | 20 | 18.4 | ug/L | 92 | 1 | | 70 (74) | 130 (110) | 20 (20) |
| | Acetone | 100 | 100 | ug/L | 100 | 1 | | 40 (60) | 160 (125) | 20 (20) |
| | Carbon disulfide | 20 | 14.8 | ug/L | 74 | 1 | | 40 (64) | 160 (112) | 20 (20) |
| | Methyl tert-butyl Ether | 20 | 20.5 | ug/L | 103 | 4 | | 70 (78) | 130 (114) | 20 (20) |
| | Methyl Acetate | 20 | 25.7 | ug/L | 129 | 5 | | 70 (67) | 130 (125) | 20 (20) |
| | Methylene Chloride | 20 | 19.1 | ug/L | 96 | 2 | | 70 (72) | 130 (114) | 20 (20) |
| | trans-1,2-Dichloroethene | 20 | 18.4 | ug/L | 92 | 2 | | 70 (75) | 130 (108) | 20 (20) |
| | 1,1-Dichloroethane | 20 | 19.7 | ug/L | 99 | 0 | | 70 (78) | 130 (112) | 20 (20) |
| | Cyclohexane | 20 | 18.7 | ug/L | 94 | 1 | | 70 (75) | 130 (110) | 20 (20) |
| | 2-Butanone | 100 | 110 | ug/L | 110 | 10 | | 40 (65) | 160 (122) | 20 (20) |
| | Carbon Tetrachloride | 20 | 19.7 | ug/L | 99 | 0 | | 70 (77) | 130 (113) | 20 (20) |
| | cis-1,2-Dichloroethene | 20 | 19.5 | ug/L | 98 | 0 | | 70 (77) | 130 (110) | 20 (20) |
| | Bromochloromethane | 20 | 22.4 | ug/L | 112 | 3 | | 70 (70) | 130 (124) | 20 (20) |
| | Chloroform | 20 | 20.1 | ug/L | 101 | 2 | | 70 (79) | 130 (113) | 20 (20) |
| | 1,1,1-Trichloroethane | 20 | 19.8 | ug/L | 99 | 1 | | 70 (80) | 130 (108) | 20 (20) |
| | Methylcyclohexane | 20 | 20.5 | ug/L | 103 | 4 | | 70 (72) | 130 (115) | 20 (20) |
| | Benzene | 20 | 19.7 | ug/L | 99 | 0 | | 70 (82) | 130 (109) | 20 (20) |
| | 1,2-Dichloroethane | 20 | 21.6 | ug/L | 108 | 2 | | 70 (80) | 130 (115) | 20 (20) |
| | Trichloroethene | 20 | 19.0 | ug/L | 95 | 0 | | 70 (77) | 130 (113) | 20 (20) |
| | 1,2-Dichloropropane | 20 | 20.5 | ug/L | 103 | 4 | | 70 (83) | 130 (111) | 20 (20) |
| | Bromodichloromethane | 20 | 20.4 | ug/L | 102 | 1 | | 70 (83) | 130 (110) | 20 (20) |
| | 4-Methyl-2-Pentanone | 100 | 110 | ug/L | 110 | 0 | | 40 (74) | 160 (118) | 20 (20) |
| | Toluene | 20 | 20.4 | ug/L | 102 | 1 | | 70 (82) | 130 (110) | 20 (20) |
| | t-1,3-Dichloropropene | 20 | 20.5 | ug/L | 103 | 1 | | 70 (79) | 130 (110) | 20 (20) |
| | cis-1,3-Dichloropropene | 20 | 21.6 | ug/L | 108 | 2 | | 70 (82) | 130 (110) | 20 (20) |
| | 1,1,2-Trichloroethane | 20 | 21.3 | ug/L | 106 | 3 | | 70 (83) | 130 (112) | 20 (20) |
| | 2-Hexanone | 100 | 110 | ug/L | 110 | 0 | | 40 (73) | 160 (117) | 20 (20) |
| | Dibromochloromethane | 20 | 21.4 | ug/L | 107 | 5 | | 70 (82) | 130 (110) | 20 (20) |
| | 1,2-Dibromoethane | 20 | 21.3 | ug/L | 106 | 4 | | 70 (81) | 130 (110) | 20 (20) |
| | Tetrachloroethene | 20 | 19.6 | ug/L | 98 | 2 | | 70 (67) | 130 (123) | 20 (20) |
| | Chlorobenzene | 20 | 20.0 | ug/L | 100 | 0 | | 70 (82) | 130 (109) | 20 (20) |
| | Ethyl Benzene | 20 | 20.2 | ug/L | 101 | 1 | | 70 (83) | 130 (109) | 20 (20) |
| | m/p-Xylenes | 40 | 41.3 | ug/L | 103 | 0 | | 70 (82) | 130 (110) | 20 (20) |
| | o-Xylene | 20 | 20.3 | ug/L | 102 | 1 | | 70 (83) | 130 (109) | 20 (20) |
| | Styrene | 20 | 21.2 | ug/L | 106 | 2 | | 70 (80) | 130 (111) | 20 (20) |
| | Bromoform | 20 | 20.4 | ug/L | 102 | 2 | | 70 (79) | 130 (109) | 20 (20) |
| | Isopropylbenzene | 20 | 20.7 | ug/L | 104 | 1 | | 70 (83) | 130 (112) | 20 (20) |
| | 1,1,2,2-Tetrachloroethane | 20 | 20.8 | ug/L | 104 | 3 | | 70 (76) | 130 (118) | 20 (20) |
| | 1,3-Dichlorobenzene | 20 | 20.8 | ug/L | 104 | 3 | | 70 (82) | 130 (108) | 20 (20) |
| | 1,4-Dichlorobenzene | 20 | 20.3 | ug/L | 102 | 2 | | 70 (82) | 130 (107) | 20 (20) |
| | 1,2-Dichlorobenzene | 20 | 20.9 | ug/L | 104 | 1 | | 70 (82) | 130 (109) | 20 (20) |

( ) = LABORATORY INHOUSE LIMIT

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

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q1576

**Client:** G Environmental

**Analytical Method:** SW8260-Low **Datafile :** VX045316.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VX0318WBSD01 | 1,2-Dibromo-3-Chloropropane | 20 | 21.1 | ug/L | 106 | 5 | | 40 (68) | 160 (112) | 20 (20) |
| | 1,2,4-Trichlorobenzene | 20 | 20.1 | ug/L | 101 | 2 | | 70 (75) | 130 (113) | 20 (20) |
| | 1,2,3-Trichlorobenzene | 20 | 20.1 | ug/L | 101 | 2 | | 70 (76) | 130 (114) | 20 (20) |

( ) = LABORATORY INHOUSE LIMIT

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

# VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0318WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

Lab File ID: VX045314.D Lab Sample ID: VX0318WBL01

Date Analyzed: 03/18/2025 Time Analyzed: 10:53

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 |
|---|---|---|---|
| VX0318WBS01 | VX0318WBS01 | VX045315.D | 03/18/2025 |
| VX0318WBSD01 | VX0318WBSD01 | VX045316.D | 03/18/2025 |
| MW14 | Q1576-01 | VX045334.D | 03/18/2025 |

COMMENTS:

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

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

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

Lab File ID: VX045067.D BFB Injection Date: 02/28/2025

Instrument ID: MSVOA_X BFB Injection Time: 01:03

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 | 20.7 |
| 75 | 30.0 - 60.0% of mass 95 | 53.6 |
| 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 | 73.8 |
| 175 | 5.0 - 9.0% of mass 174 | 5.8 ( 7.9 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 70.6 ( 95.6 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.3 ( 6.2 ) 2 |

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

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDICC001 | VSTDICC001 | VX045068.D | 02/28/2025 | 01:27 |
| VSTDICC005 | VSTDICC005 | VX045069.D | 02/28/2025 | 02:13 |
| VSTDICC020 | VSTDICC020 | VX045070.D | 02/28/2025 | 02:37 |
| VSTDICCC050 | VSTDICCC050 | VX045071.D | 02/28/2025 | 03:00 |
| VSTDICC100 | VSTDICC100 | VX045072.D | 02/28/2025 | 03:23 |
| VSTDICC150 | VSTDICC150 | VX045073.D | 02/28/2025 | 03:47 |

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

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

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

Lab File ID: VX045311.D BFB Injection Date: 03/18/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:33

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 | 22.5 |
| 75 | 30.0 - 60.0% of mass 95 | 54.6 |
| 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 | 1 ( 1.4 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 70.3 |
| 175 | 5.0 - 9.0% of mass 174 | 5.5 ( 7.9 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 67.9 ( 96.5 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.4 ( 6.6 ) 2 |

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

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VX045312.D | 03/18/2025 | 10:02 |
| VX0318WBL01 | VX0318WBL01 | VX045314.D | 03/18/2025 | 10:53 |
| VX0318WBS01 | VX0318WBS01 | VX045315.D | 03/18/2025 | 11:16 |
| VX0318WBSD01 | VX0318WBSD01 | VX045316.D | 03/18/2025 | 11:43 |
| MW14 | Q1576-01 | VX045334.D | 03/18/2025 | 18:43 |

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

## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

Lab File ID: VX045312.D Date Analyzed: 03/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

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 | 99818 | 5.54 | 175808 | 6.76 | 151375 | 10.05 |
| UPPER LIMIT | 199636 | 6.044 | 351616 | 7.257 | 302750 | 10.549 |
| LOWER LIMIT | 49909 | 5.044 | 87904 | 6.257 | 75687.5 | 9.549 |
| EPA SAMPLE NO. | | | | | | |
| MW14 | 70033 | 5.54 | 137531 | 6.76 | 128480 | 10.05 |
| VX0318WBL01 | 66984 | 5.54 | 130552 | 6.76 | 117786 | 10.05 |
| VX0318WBS01 | 101216 | 5.55 | 179978 | 6.76 | 159085 | 10.05 |
| VX0318WBSD01 | 94187 | 5.54 | 168890 | 6.76 | 150181 | 10.05 |

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.

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

# VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

Lab File ID: VX045312.D Date Analyzed: 03/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

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

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 71356 | 12.018 | | | | |
| UPPER LIMIT | 142712 | 12.518 | | | | |
| LOWER LIMIT | 35678 | 11.518 | | | | |
| EPA SAMPLE NO. | | | | | | |
| MW14 | 54246 | 12.02 | | | | |
| VX0318WBL01 | 46358 | 12.02 | | | | |
| VX0318WBS01 | 70581 | 12.02 | | | | |
| VX0318WBSD01 | 66832 | 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.

# QC SAMPLE DATA

Raw Data: **VX045314.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Ave L | Date Received: | |
| Client Sample ID: | VX0318WBL01 | SDG No.: | Q1576 |
| Lab Sample ID: | VX0318WBL01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045314.D | 1 | | 03/18/25 10:53 | VX031825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 1.50 | U | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 0.98 | U | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 0.25 | U | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.090 | U | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 0.14 | U | 0.14 | 1.00 | ug/L |

Raw Data: **VX045314.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Ave L | Date Received: | |
| Client Sample ID: | VX0318WBL01 | SDG No.: | Q1576 |
| Lab Sample ID: | VX0318WBL01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045314.D | 1 | | 03/18/25 10:53 | VX031825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 56.3 | | 70 (74) - 130 (125) | 113% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 54.0 | | 70 (75) - 130 (124) | 108% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 52.3 | | 70 (86) - 130 (113) | 105% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 52.2 | | 70 (77) - 130 (121) | 104% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 67000 | 5.544 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 131000 | 6.757 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 118000 | 10.049 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 46400 | 12.018 | | | |

Raw Data: **VX045314.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Ave L | Date Received: | |
| Client Sample ID: | VX0318WBL01 | SDG No.: | Q1576 |
| Lab Sample ID: | VX0318WBL01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045314.D | 1 | | 03/18/25 10:53 | VX031825 |

| 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

Raw Data: **VX045315.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Ave L | Date Received: | |
| Client Sample ID: | VX0318WBS01 | SDG No.: | Q1576 |
| Lab Sample ID: | VX0318WBS01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045315.D | 1 | | 03/18/25 11:16 | VX031825 |

| 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 | 16.7 | | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 15.9 | | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 18.2 | | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 20.3 | | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 18.6 | | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 20.8 | | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 18.5 | | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 99.4 | | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 14.6 | | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 19.8 | | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 24.5 | | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 18.8 | | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 18.7 | | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 19.7 | | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 18.6 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 100 | | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 19.7 | | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 19.6 | | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 21.8 | | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 20.5 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 20.0 | | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 19.8 | | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 19.7 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 21.3 | | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 18.9 | | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 19.8 | | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 20.6 | | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 110 | | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 20.5 | | 0.14 | 1.00 | ug/L |

Raw Data: **VX045315.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Ave L | Date Received: | |
| Client Sample ID: | VX0318WBS01 | SDG No.: | Q1576 |
| Lab Sample ID: | VX0318WBS01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045315.D | 1 | | 03/18/25 11:16 | VX031825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 20.4 | | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 21.2 | | 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 | 20.3 | | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 20.4 | | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 20.0 | | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 19.9 | | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 20.3 | | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 41.2 | | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 20.1 | | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 20.9 | | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 20.0 | | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 21.0 | | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.2 | | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 20.2 | | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 19.9 | | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 20.5 | | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 20.1 | | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 19.7 | | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 19.7 | | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 53.2 | | 70 (74) - 130 (125) | 106% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 52.9 | | 70 (75) - 130 (124) | 106% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.2 | | 70 (86) - 130 (113) | 102% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 54.1 | | 70 (77) - 130 (121) | 108% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 101000 | 5.55 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 180000 | 6.757 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 159000 | 10.049 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 70600 | 12.018 | | | |

Raw Data: **VX045315.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Ave L | Date Received: | |
| Client Sample ID: | VX0318WBS01 | SDG No.: | Q1576 |
| Lab Sample ID: | VX0318WBS01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045315.D | 1 | | 03/18/25 11:16 | VX031825 |

| 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

Raw Data: **VX045316.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Ave L | Date Received: | |
| Client Sample ID: | VX0318WBSD01 | SDG No.: | Q1576 |
| Lab Sample ID: | VX0318WBSD01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045316.D | 1 | | 03/18/25 11:43 | VX031825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 18.7 | | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 16.8 | | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 15.8 | | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 18.4 | | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 19.8 | | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 17.9 | | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 21.2 | | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 18.4 | | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 100 | | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 14.8 | | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 20.5 | | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 25.7 | | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 19.1 | | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 18.4 | | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 19.7 | | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 18.7 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 110 | | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 19.7 | | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 19.5 | | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 22.4 | | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 20.1 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 19.8 | | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 20.5 | | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 19.7 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 21.6 | | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 19.0 | | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 20.5 | | 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 | 110 | | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 20.4 | | 0.14 | 1.00 | ug/L |

Raw Data: **VX045316.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Ave L | Date Received: | |
| Client Sample ID: | VX0318WBSD01 | SDG No.: | Q1576 |
| Lab Sample ID: | VX0318WBSD01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045316.D | 1 | | 03/18/25 11:43 | VX031825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 20.5 | | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 21.6 | | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 21.3 | | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 110 | | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 21.4 | | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 21.3 | | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 19.6 | | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 20.0 | | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 20.2 | | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 41.3 | | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 20.3 | | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 21.2 | | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 20.4 | | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 20.7 | | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.8 | | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 20.8 | | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 20.3 | | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 20.9 | | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 21.1 | | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 20.1 | | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 20.1 | | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 54.3 | | 70 (74) - 130 (125) | 109% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 52.5 | | 70 (75) - 130 (124) | 105% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.0 | | 70 (86) - 130 (113) | 102% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 54.4 | | 70 (77) - 130 (121) | 109% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 94200 | 5.544 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 169000 | 6.757 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 150000 | 10.049 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 66800 | 12.018 | | | |

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Ave L | Date Received: | |
| Client Sample ID: | VX0318WBSD01 | SDG No.: | Q1576 |
| Lab Sample ID: | VX0318WBSD01 | Matrix: | Water |
| Analytical Method: | SW8260 | % 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: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX045316.D | 1 | | 03/18/25 11:43 | VX031825 |

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

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

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

# CALIBRATION SUMMARY

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

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG No.: Q1576

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.624 | 0.646 | 0.646 | 0.627 | 0.626 | 0.607 | 0.629 | 2.4 |
| Chloromethane | 0.755 | 0.821 | 0.828 | 0.753 | 0.721 | 0.744 | 0.770 | 5.7 |
| Vinyl Chloride | 0.773 | 0.755 | 0.774 | 0.761 | 0.765 | 0.758 | 0.764 | 1 |
| Bromomethane | | 0.337 | 0.298 | 0.292 | 0.284 | 0.291 | 0.300 | 7 |
| Chloroethane | 0.373 | 0.421 | 0.366 | 0.373 | 0.297 | 0.286 | 0.352 | 14.5 |
| Trichlorofluoromethane | 0.978 | 1.061 | 1.050 | 1.050 | 0.982 | 0.948 | 1.012 | 4.7 |
| 1,1,2-Trichlorotrifluoroethane | 0.526 | 0.613 | 0.595 | 0.594 | 0.596 | 0.563 | 0.581 | 5.4 |
| 1,1-Dichloroethene | 0.609 | 0.620 | 0.612 | 0.623 | 0.620 | 0.603 | 0.614 | 1.3 |
| Acetone | 0.414 | 0.363 | 0.384 | 0.351 | 0.345 | 0.356 | 0.369 | 7 |
| Carbon Disulfide | 1.584 | 1.582 | 1.587 | 1.660 | 1.708 | 1.698 | 1.636 | 3.6 |
| Methyl tert-butyl Ether | 1.955 | 1.913 | 2.127 | 2.083 | 2.132 | 2.158 | 2.061 | 5 |
| Methyl Acetate | 0.954 | 0.835 | 0.903 | 0.867 | 0.869 | 0.899 | 0.888 | 4.6 |
| Methylene Chloride | 0.806 | 0.730 | 0.752 | 0.698 | 0.694 | 0.706 | 0.731 | 5.8 |
| trans-1,2-Dichloroethene | 0.540 | 0.619 | 0.603 | 0.631 | 0.634 | 0.616 | 0.607 | 5.7 |
| 1,1-Dichloroethane | 1.200 | 1.223 | 1.280 | 1.242 | 1.270 | 1.264 | 1.247 | 2.5 |
| Cyclohexane | | 1.021 | 1.087 | 1.108 | 1.142 | 1.052 | 1.082 | 4.3 |
| 2-Butanone | 0.476 | 0.545 | 0.610 | 0.579 | 0.553 | 0.570 | 0.555 | 8.1 |
| Carbon Tetrachloride | 0.463 | 0.463 | 0.447 | 0.468 | 0.489 | 0.463 | 0.465 | 3 |
| cis-1,2-Dichloroethene | 0.687 | 0.746 | 0.765 | 0.762 | 0.767 | 0.769 | 0.749 | 4.2 |
| Bromochloromethane | 0.557 | 0.633 | 0.613 | 0.603 | 0.563 | 0.596 | 0.594 | 5 |
| Chloroform | 1.206 | 1.247 | 1.278 | 1.246 | 1.230 | 1.225 | 1.239 | 2 |
| 1,1,1-Trichloroethane | 0.908 | 0.992 | 1.009 | 1.024 | 1.044 | 1.025 | 1.000 | 4.8 |
| Methylcyclohexane | 0.464 | 0.530 | 0.560 | 0.585 | 0.607 | 0.550 | 0.549 | 9.1 |
| Benzene | 1.321 | 1.459 | 1.491 | 1.496 | 1.497 | 1.424 | 1.448 | 4.7 |
| 1,2-Dichloroethane | 0.487 | 0.525 | 0.545 | 0.528 | 0.524 | 0.520 | 0.521 | 3.6 |
| Trichloroethene | 0.319 | 0.351 | 0.339 | 0.341 | 0.354 | 0.336 | 0.340 | 3.7 |
| 1,2-Dichloropropane | 0.354 | 0.378 | 0.382 | 0.371 | 0.376 | 0.373 | 0.372 | 2.7 |
| Bromodichloromethane | 0.478 | 0.503 | 0.536 | 0.524 | 0.528 | 0.528 | 0.516 | 4.2 |
| 4-Methyl-2-Pentanone | 0.535 | 0.570 | 0.647 | 0.610 | 0.579 | 0.579 | 0.587 | 6.5 |
| Toluene | 0.716 | 0.872 | 0.892 | 0.898 | 0.874 | 0.845 | 0.849 | 8 |

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

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

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG No.: Q1576

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| t-1,3-Dichloropropene | 0.304 | 0.389 | 0.436 | 0.469 | 0.490 | 0.502 | 0.431 | 17.3 |
| cis-1,3-Dichloropropene | 0.404 | 0.463 | 0.509 | 0.535 | 0.555 | 0.553 | 0.503 | 11.8 |
| 1,1,2-Trichloroethane | 0.346 | 0.348 | 0.371 | 0.356 | 0.341 | 0.336 | 0.350 | 3.6 |
| 2-Hexanone | 0.349 | 0.412 | 0.476 | 0.448 | 0.431 | 0.436 | 0.425 | 10.1 |
| Dibromochloromethane | 0.305 | 0.349 | 0.390 | 0.384 | 0.385 | 0.380 | 0.366 | 9 |
| 1,2-Dibromoethane | 0.311 | 0.352 | 0.371 | 0.356 | 0.355 | 0.350 | 0.349 | 5.7 |
| Tetrachloroethene | 0.315 | 0.326 | 0.319 | 0.324 | 0.329 | 0.309 | 0.320 | 2.3 |
| Chlorobenzene | 0.968 | 1.054 | 1.090 | 1.092 | 1.100 | 1.045 | 1.058 | 4.7 |
| Ethyl Benzene | 1.566 | 1.794 | 1.889 | 1.952 | 1.972 | 1.888 | 1.843 | 8.1 |
| m/p-Xylenes | 0.555 | 0.672 | 0.711 | 0.724 | 0.715 | 0.673 | 0.675 | 9.3 |
| o-Xylene | 0.609 | 0.689 | 0.702 | 0.706 | 0.707 | 0.670 | 0.681 | 5.5 |
| Styrene | 0.879 | 1.060 | 1.170 | 1.181 | 1.183 | 1.134 | 1.101 | 10.7 |
| Bromoform | 0.209 | 0.234 | 0.276 | 0.276 | 0.300 | 0.300 | 0.266 | 13.9 |
| Isopropylbenzene | 3.397 | 4.034 | 3.999 | 4.135 | 4.006 | 3.845 | 3.903 | 6.8 |
| 1,1,2,2-Tetrachloroethane | 1.395 | 1.479 | 1.513 | 1.419 | 1.391 | 1.396 | 1.432 | 3.6 |
| 1,3-Dichlorobenzene | 1.502 | 1.652 | 1.710 | 1.668 | 1.675 | 1.649 | 1.643 | 4.4 |
| 1,4-Dichlorobenzene | 1.605 | 1.702 | 1.665 | 1.687 | 1.669 | 1.643 | 1.662 | 2.1 |
| 1,2-Dichlorobenzene | 1.479 | 1.695 | 1.735 | 1.668 | 1.687 | 1.622 | 1.648 | 5.5 |
| 1,2-Dibromo-3-Chloropropane | 0.237 | 0.243 | 0.285 | 0.289 | 0.300 | 0.320 | 0.279 | 11.6 |
| 1,2,4-Trichlorobenzene | 0.668 | 0.821 | 0.978 | 1.009 | 1.074 | 1.080 | 0.938 | 17.3 |
| 1,2,3-Trichlorobenzene | 0.747 | 0.897 | 1.032 | 1.059 | 1.107 | 1.096 | 0.990 | 14.2 |
| 1,2-Dichloroethane-d4 | | 0.836 | 0.784 | 0.757 | 0.783 | 0.817 | 0.795 | 3.9 |
| Dibromofluoromethane | | 0.329 | 0.335 | 0.329 | 0.340 | 0.338 | 0.334 | 1.5 |
| Toluene-d8 | | 1.237 | 1.191 | 1.210 | 1.219 | 1.203 | 1.212 | 1.4 |
| 4-Bromofluorobenzene | | 0.383 | 0.393 | 0.402 | 0.410 | 0.421 | 0.402 | 3.7 |

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

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

# VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG No.: Q1576

Instrument ID: MSVOA_X Calibration Date/Time: 03/18/2025 10:02

Lab File ID: VX045312.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.629 | 0.603 | | -4.13 | 20 |
| Chloromethane | 0.770 | 0.700 | 0.1 | -9.09 | 20 |
| Vinyl Chloride | 0.764 | 0.630 | | -17.54 | 20 |
| Bromomethane | 0.300 | 0.274 | | -8.67 | 20 |
| Chloroethane | 0.352 | 0.317 | | -9.94 | 20 |
| Trichlorofluoromethane | 1.012 | 0.936 | | -7.51 | 20 |
| 1,1,2-Trichlorotrifluoroethane | 0.581 | 0.621 | | 6.89 | 20 |
| 1,1-Dichloroethene | 0.614 | 0.582 | | -5.21 | 20 |
| Acetone | 0.369 | 0.341 | | -7.59 | 20 |
| Carbon Disulfide | 1.636 | 1.304 | | -20.29 | 20 |
| Methyl tert-butyl Ether | 2.061 | 2.048 | | -0.63 | 20 |
| Methyl Acetate | 0.888 | 1.047 | | 17.91 | 20 |
| Methylene Chloride | 0.731 | 0.679 | | -7.11 | 20 |
| trans-1,2-Dichloroethene | 0.607 | 0.576 | | -5.11 | 20 |
| 1,1-Dichloroethane | 1.247 | 1.218 | 0.1 | -2.33 | 20 |
| Cyclohexane | 1.082 | 1.015 | | -6.19 | 20 |
| 2-Butanone | 0.555 | 0.537 | | -3.24 | 20 |
| Carbon Tetrachloride | 0.465 | 0.471 | | 1.29 | 20 |
| cis-1,2-Dichloroethene | 0.749 | 0.729 | | -2.67 | 20 |
| Bromochloromethane | 0.594 | 0.601 | | 1.18 | 20 |
| Chloroform | 1.239 | 1.221 | | -1.45 | 20 |
| 1,1,1-Trichloroethane | 1.000 | 0.996 | | -0.4 | 20 |
| Methylcyclohexane | 0.549 | 0.568 | | 3.46 | 20 |
| Benzene | 1.448 | 1.413 | | -2.42 | 20 |
| 1,2-Dichloroethane | 0.521 | 0.545 | | 4.61 | 20 |
| Trichloroethene | 0.340 | 0.329 | | -3.23 | 20 |
| 1,2-Dichloropropane | 0.372 | 0.365 | | -1.88 | 20 |
| Bromodichloromethane | 0.516 | 0.537 | | 4.07 | 20 |
| 4-Methyl-2-Pentanone | 0.587 | 0.609 | | 3.75 | 20 |
| Toluene | 0.849 | 0.858 | | 1.06 | 20 |
| t-1,3-Dichloropropene | 0.431 | 0.479 | | 11.14 | 20 |
| cis-1,3-Dichloropropene | 0.503 | 0.545 | | 8.35 | 20 |
| 1,1,2-Trichloroethane | 0.350 | 0.352 | | 0.57 | 20 |
| 2-Hexanone | 0.425 | 0.449 | | 5.65 | 20 |
| Dibromochloromethane | 0.366 | 0.388 | | 6.01 | 20 |
| 1,2-Dibromoethane | 0.349 | 0.352 | | 0.86 | 20 |
| Tetrachloroethene | 0.320 | 0.327 | | 2.19 | 20 |
| Chlorobenzene | 1.058 | 1.075 | 0.3 | 1.61 | 20 |

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

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

## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG No.: Q1576

Instrument ID: MSVOA_X Calibration Date/Time: 03/18/2025 10:02

Lab File ID: VX045312.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Ethyl Benzene | 1.843 | 1.908 | | 3.53 | 20 |
| m/p-Xylenes | 0.675 | 0.703 | | 4.15 | 20 |
| o-Xylene | 0.681 | 0.698 | | 2.5 | 20 |
| Styrene | 1.101 | 1.193 | | 8.36 | 20 |
| Bromoform | 0.266 | 0.287 | 0.1 | 7.89 | 20 |
| Isopropylbenzene | 3.903 | 3.904 | | 0.03 | 20 |
| 1,1,2,2-Tetrachloroethane | 1.432 | 1.398 | 0.3 | -2.37 | 20 |
| 1,3-Dichlorobenzene | 1.643 | 1.686 | | 2.62 | 20 |
| 1,4-Dichlorobenzene | 1.662 | 1.658 | | -0.24 | 20 |
| 1,2-Dichlorobenzene | 1.648 | 1.675 | | 1.64 | 20 |
| 1,2-Dibromo-3-Chloropropane | 0.279 | 0.294 | | 5.38 | 20 |
| 1,2,4-Trichlorobenzene | 0.938 | 1.026 | | 9.38 | 20 |
| 1,2,3-Trichlorobenzene | 0.990 | 1.049 | | 5.96 | 20 |
| 1,2-Dichloroethane-d4 | 0.795 | 0.819 | | 3.02 | 20 |
| Dibromofluoromethane | 0.334 | 0.351 | | 5.09 | 20 |
| Toluene-d8 | 1.212 | 1.212 | | 0 | 20 |
| 4-Bromofluorobenzene | 0.402 | 0.438 | | 8.95 | 20 |

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

# SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Quant Time: Mar 19 01:49:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

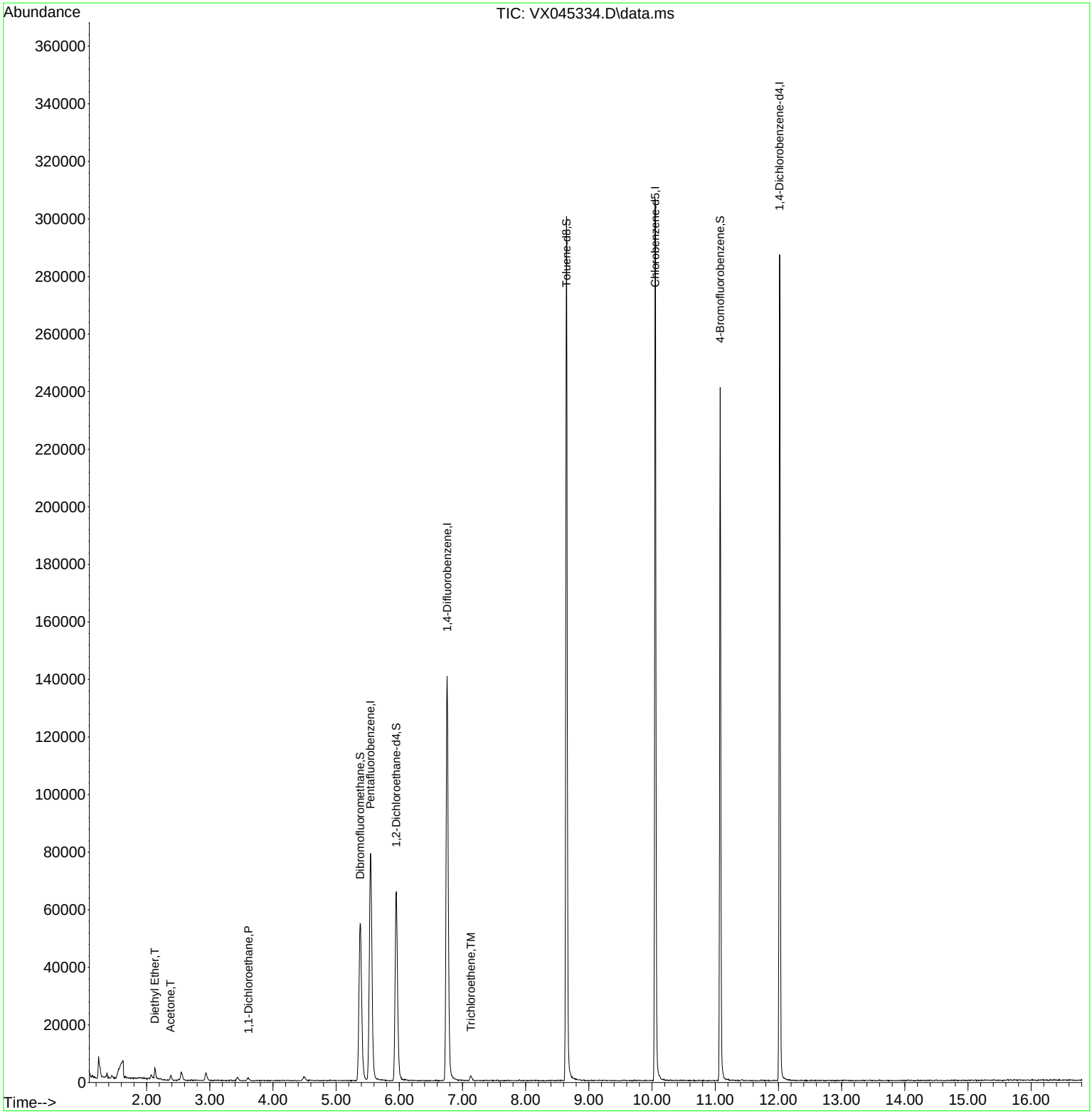
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 70033 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 137531 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 128480 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 54246 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 63738 | 57.217 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 114.440% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 47622 | 51.784 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 103.560% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 171547 | 51.454 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 102.900% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 61548 | 55.710 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 111.420% | | | |
| Target Compounds | | | | | | Qvalue |
| 8) Diethyl Ether | 2.130 | 74 | 818 | 1.476 | ug/l | 50 |
| 16) Acetone | 2.379 | 43 | 1951 | 3.775 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 3.611 | 63 | 1375 | 0.788 | ug/l # | 83 |
| 44) Trichloroethene | 7.135 | 130 | 860 | 0.920 | ug/l | 98 |

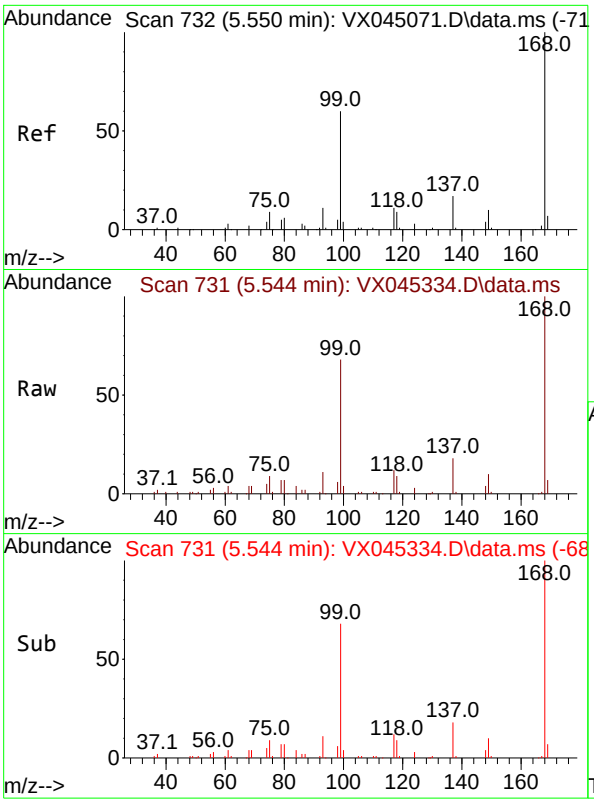
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Quant Time: Mar 19 01:49:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



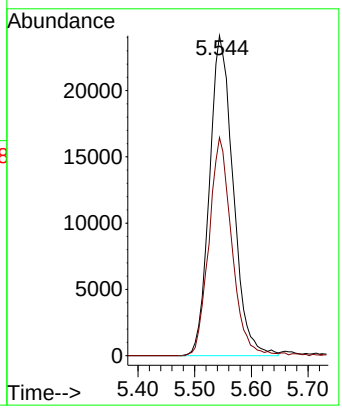


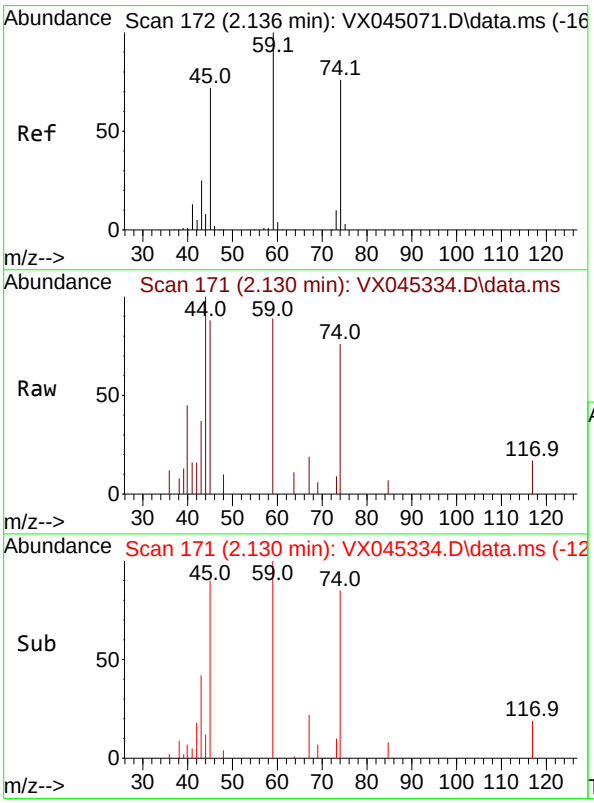

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Tgt Ion:168 Resp: 70033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 68.2 | 48.2 | 72.4 |

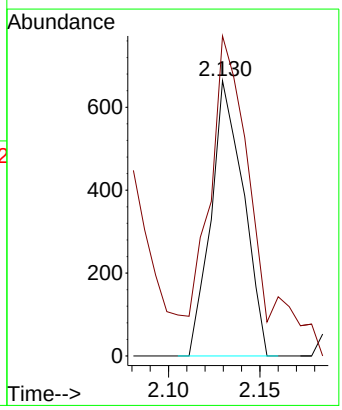


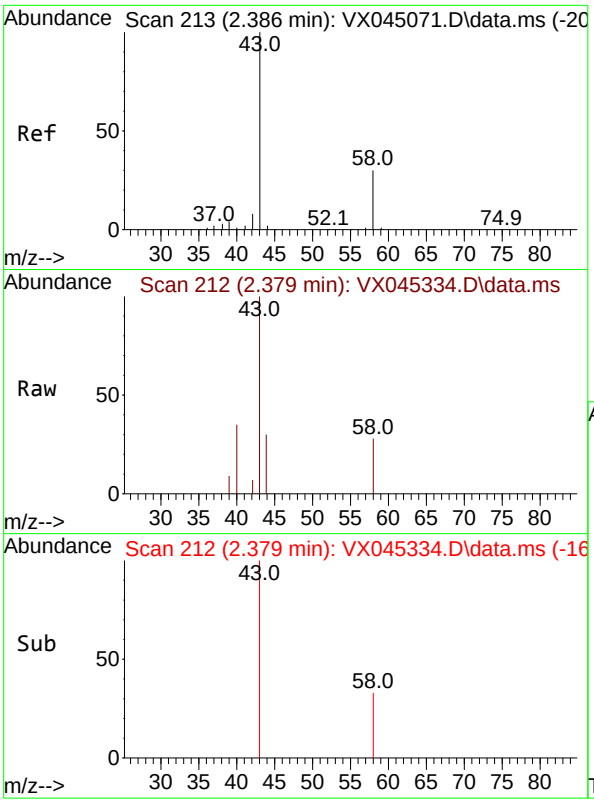




#8
Diethyl Ether
Concen: 1.476 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 74 Resp: 818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 153.4 | 51.5 | 154.5 |



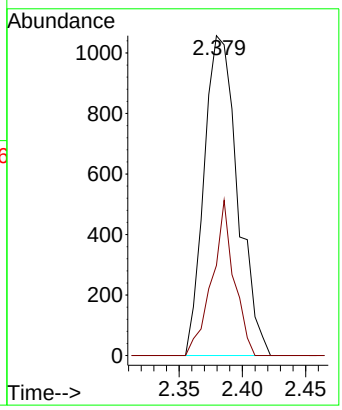


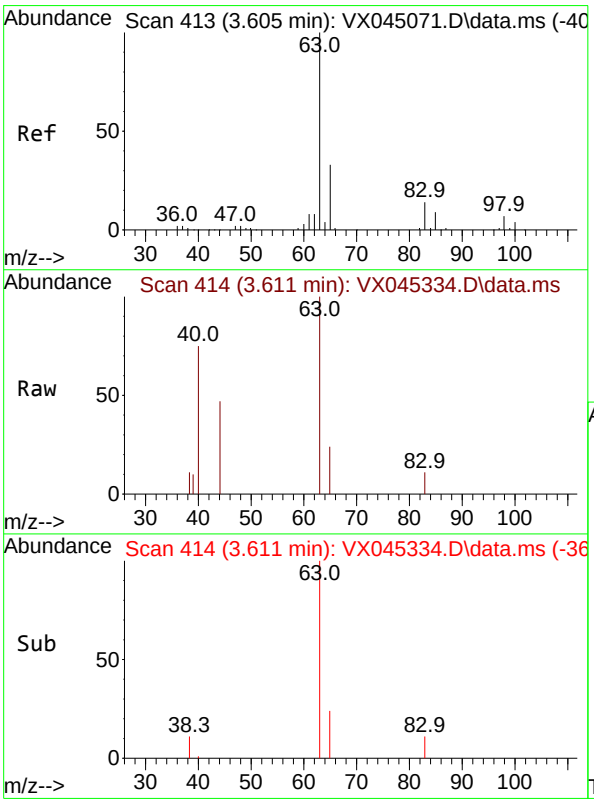

#16
Acetone
Concen: 3.775 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Tgt Ion: 43 Resp: 1951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 24.2 | 36.4 |

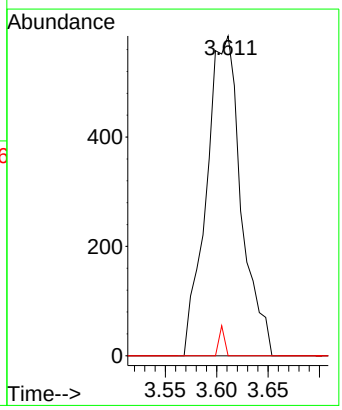


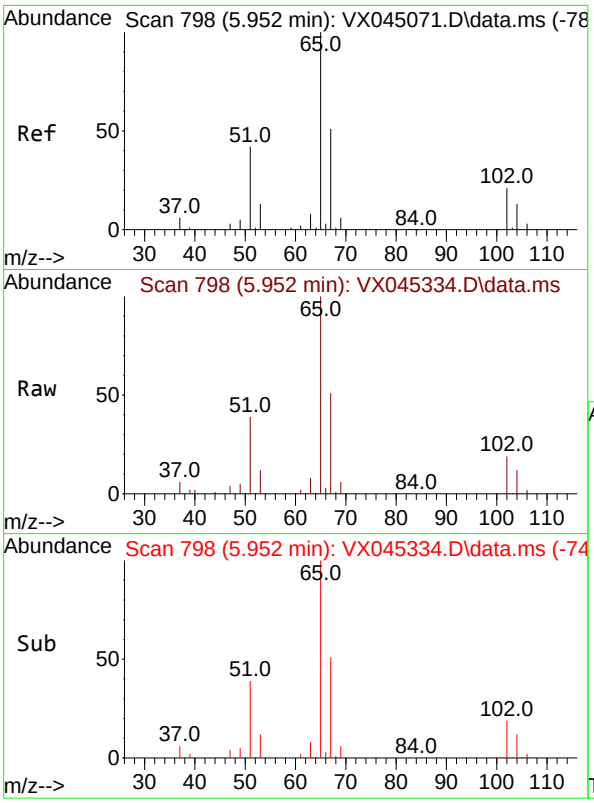




#24
1,1-Dichloroethane
Concen: 0.788 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 63 Resp: 1375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 0.0 | 3.4 | 10.2# |
| 100 | 0.0 | 2.1 | 6.5# |



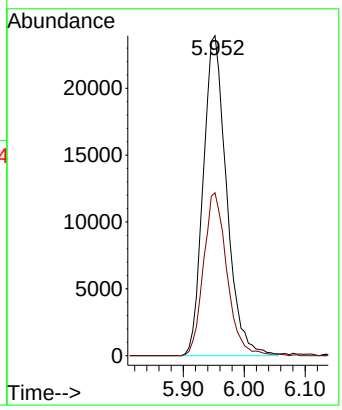


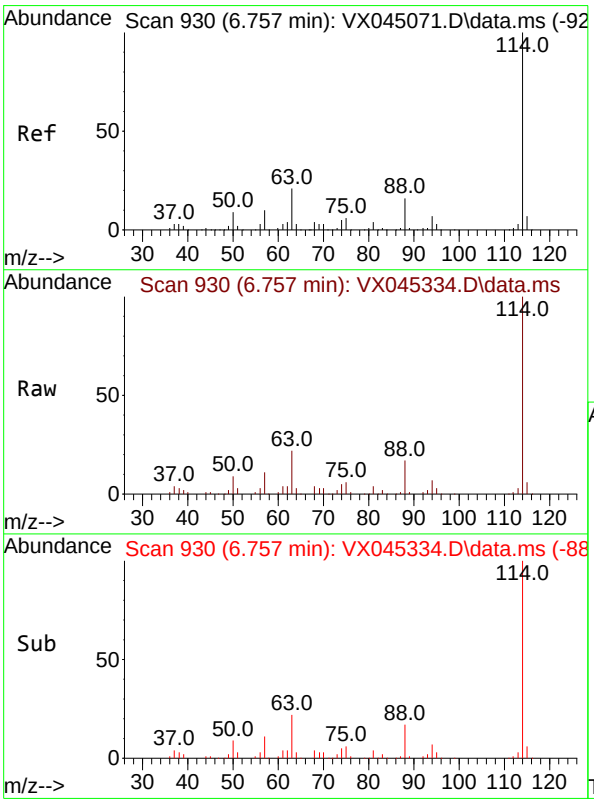

#33
1,2-Dichloroethane-d4
Concen: 57.217 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Tgt Ion: 65 Resp: 63738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.0 | 0.0 | 106.2 |

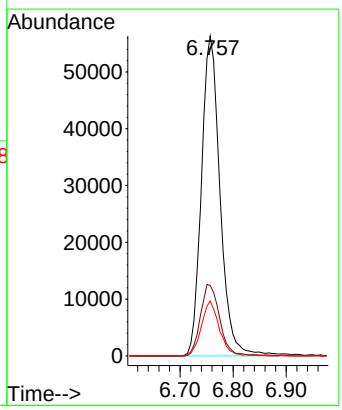


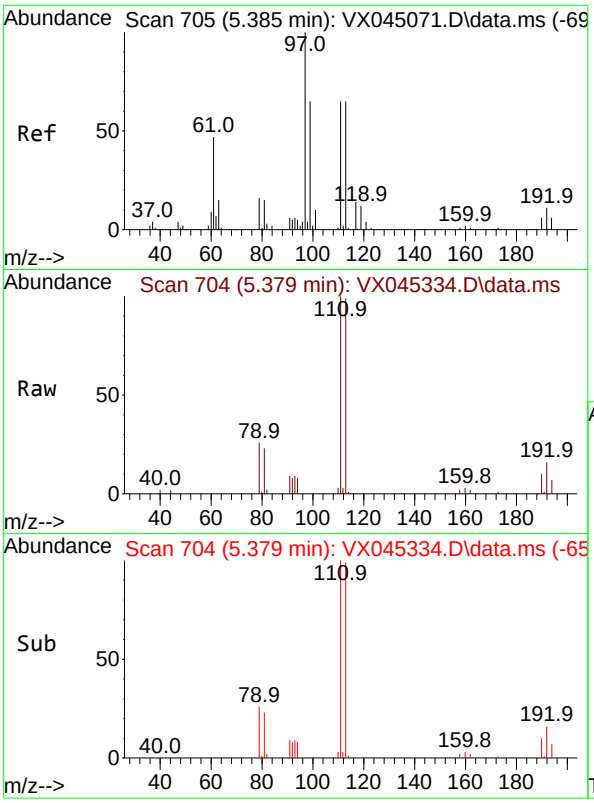




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:114 Resp: 137531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.1 | 0.0 | 41.8 |
| 88 | 17.2 | 0.0 | 32.8 |



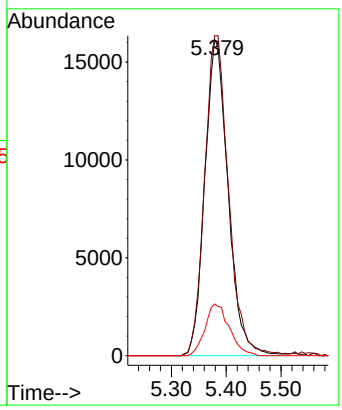


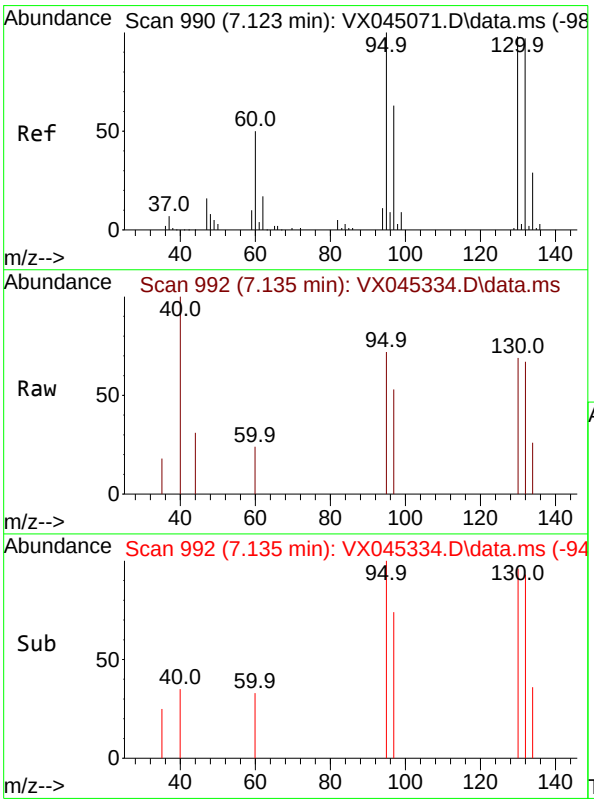

#35
Dibromofluoromethane
Concen: 51.784 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Tgt Ion:113 Resp: 47622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 81.8 | 122.6 |
| 192 | 17.0 | 14.3 | 21.5 |

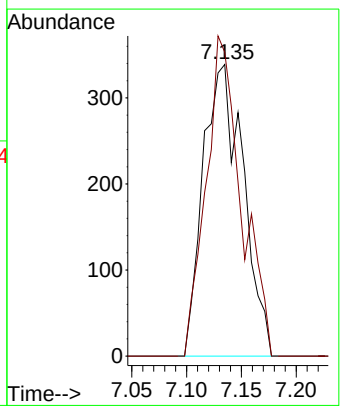


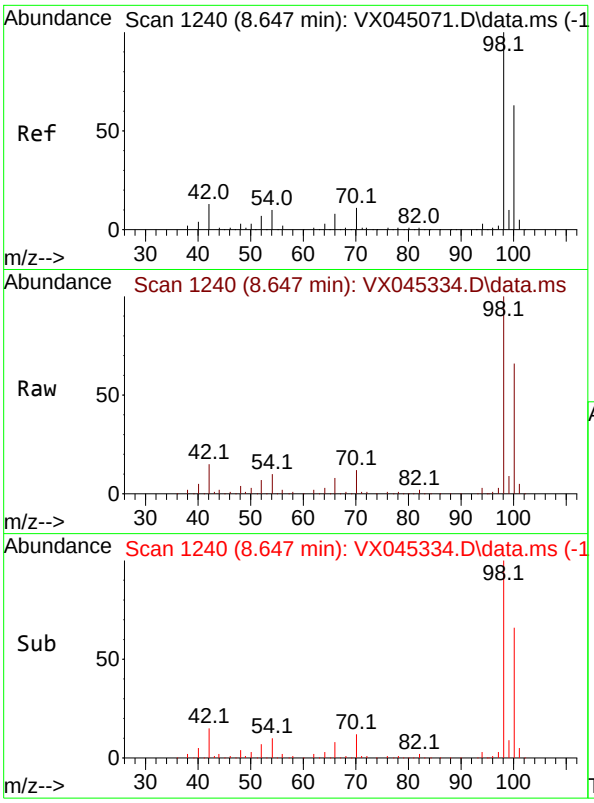




#44
Trichloroethene
Concen: 0.920 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:130 Resp: 860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 104.1 | 0.0 | 205.0 |



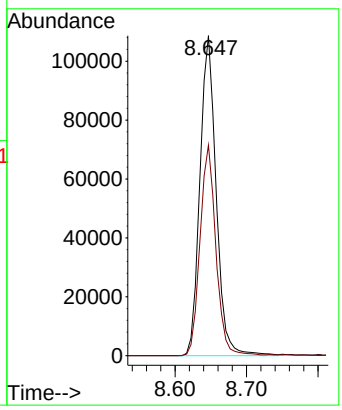


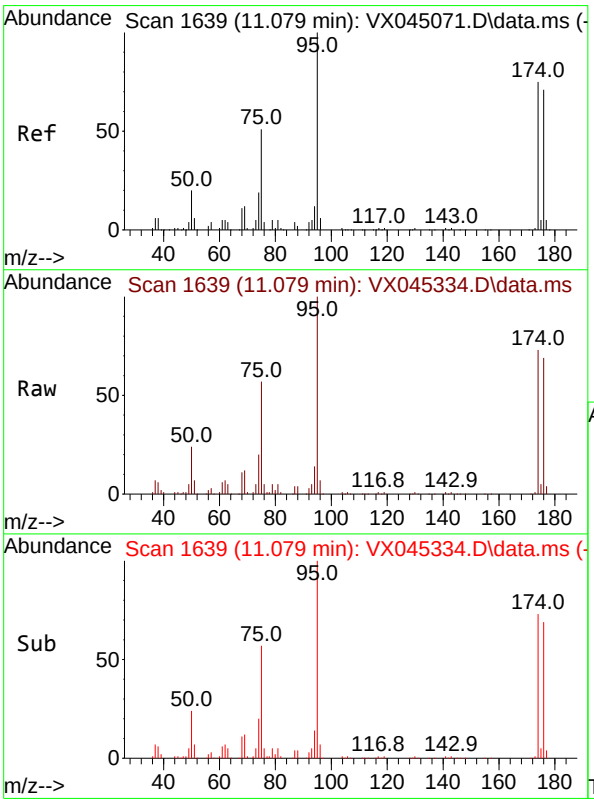

#50
Toluene-d8
Concen: 51.454 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Tgt Ion: 98 Resp: 171547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.3 | 52.0 | 78.0 |

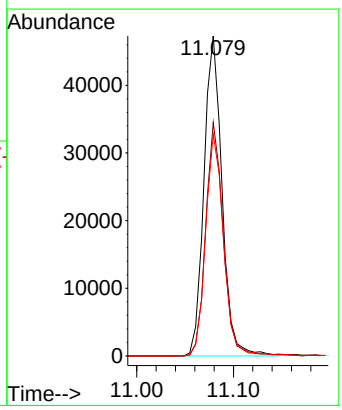


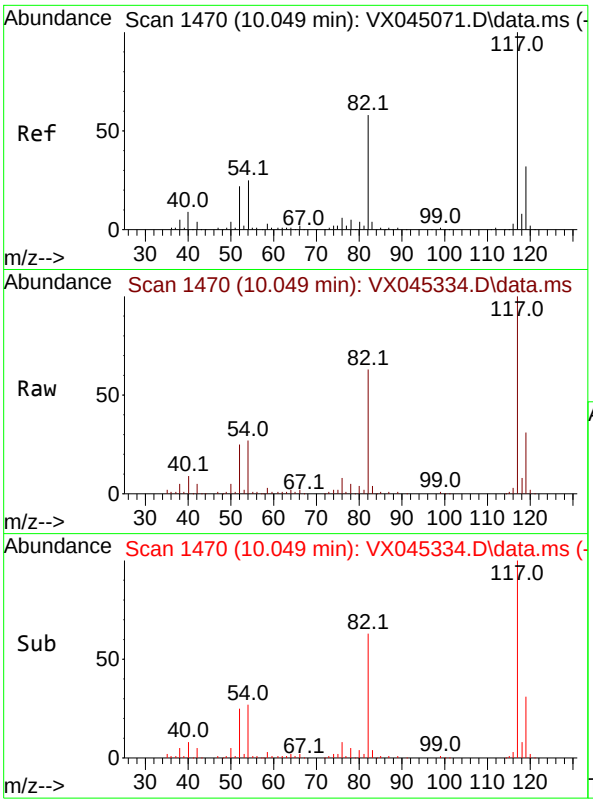




#62
4-Bromofluorobenzene
Concen: 55.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 95 Resp: 61548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 71.3 | 0.0 | 148.2 |
| 176 | 69.2 | 0.0 | 141.4 |



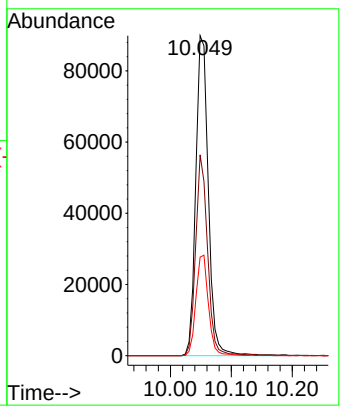


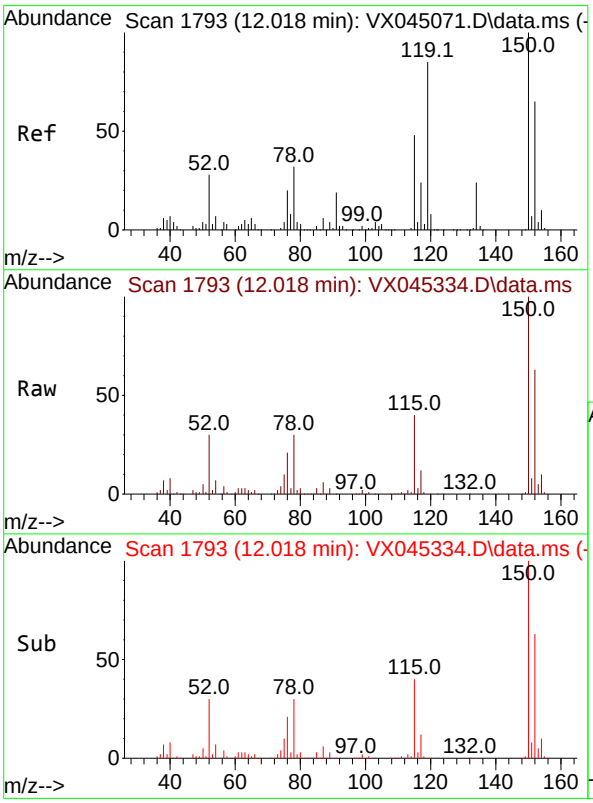

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Tgt Ion:117 Resp: 128480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 62.8 | 46.3 | 69.5 |
| 119 | 30.8 | 25.7 | 38.5 |

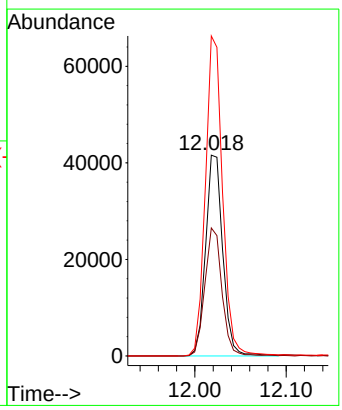



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:152 Resp: 54246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.6 | 44.2 | 132.6 |
| 150 | 159.6 | 0.0 | 349.0 |



Sample Results: **VX045334.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

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\82X022825W.M
Title : SW846 8260

Signal : TIC: VX045334.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.239 | 21 | 25 | 33 | rBV2 | 7673 | 14286 | 3.00% | 0.566% |
| 2 | 1.556 | 70 | 77 | 78 | rBV5 | 3322 | 5732 | 1.20% | 0.227% |
| 3 | 1.605 | 78 | 85 | 86 | rVV4 | 2277 | 5097 | 1.07% | 0.202% |
| 4 | 2.130 | 168 | 171 | 181 | rVB3 | 3819 | 5864 | 1.23% | 0.232% |
| 5 | 2.550 | 235 | 240 | 248 | rVB2 | 2746 | 5530 | 1.16% | 0.219% |
| 6 | 2.940 | 297 | 304 | 311 | rBV2 | 2680 | 5907 | 1.24% | 0.234% |
| 7 | 5.379 | 694 | 704 | 721 | rBV2 | 54456 | 162483 | 34.09% | 6.433% |
| 8 | 5.544 | 721 | 731 | 748 | rVV | 78590 | 223753 | 46.95% | 8.858% |
| 9 | 5.952 | 789 | 798 | 812 | rBV | 65645 | 175500 | 36.82% | 6.948% |
| 10 | 6.757 | 921 | 930 | 945 | rBV | 140420 | 339350 | 71.20% | 13.434% |
| 11 | 8.647 | 1234 | 1240 | 1255 | rBV | 300132 | 476597 | 100.00% | 18.868% |
| 12 | 10.049 | 1465 | 1470 | 1488 | rBV | 306379 | 429227 | 90.06% | 16.993% |
| 13 | 11.079 | 1634 | 1639 | 1650 | rBV | 240854 | 310100 | 65.07% | 12.276% |
| 14 | 12.018 | 1788 | 1793 | 1806 | rBV | 287016 | 366543 | 76.91% | 14.511% |

Sum of corrected areas: 2525969

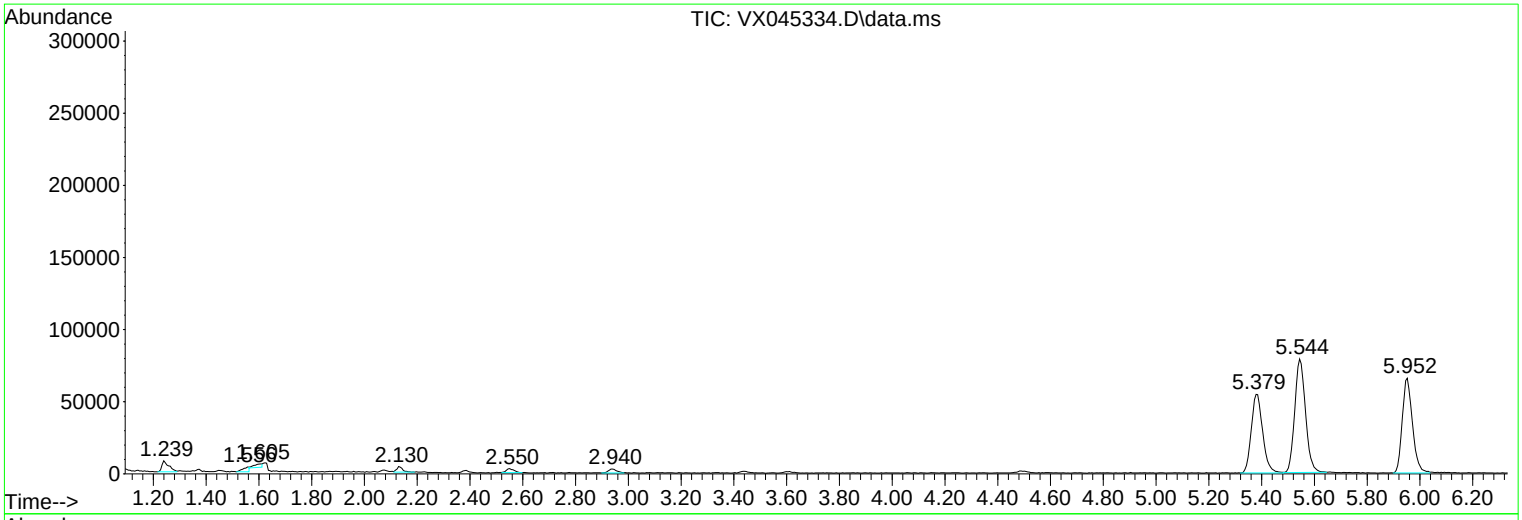
Sample Results: **VX045334.D**

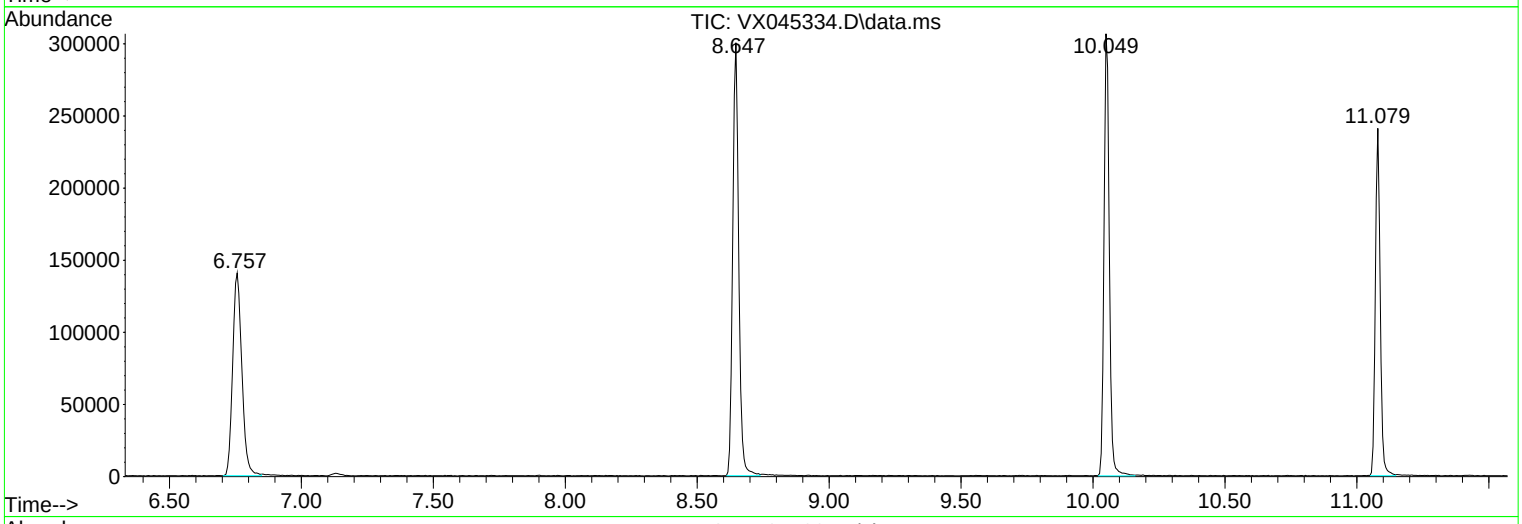
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

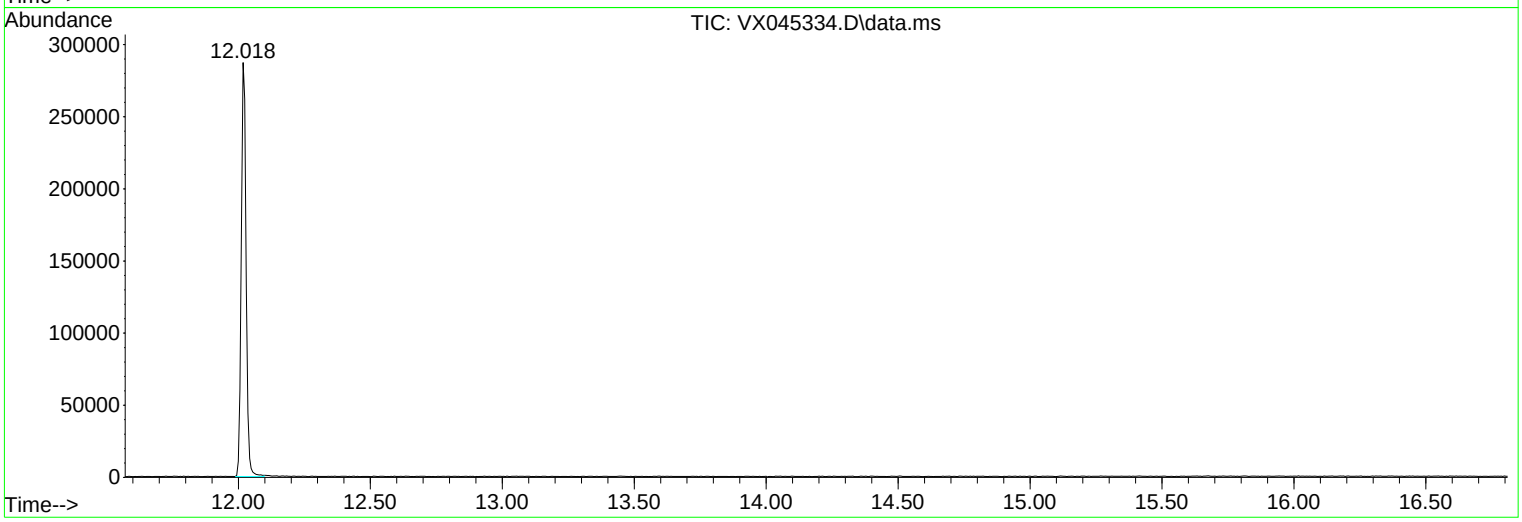
**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX045334.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.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\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

Quant Time: Mar 19 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 66984 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 130552 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 117786 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 46358 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 59994 | 56.307 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 112.620% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 47101 | 53.955 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 107.920% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 165615 | 52.330 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 104.660% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 54760 | 52.216 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 104.440% | | | |

Target Compounds Qvalue

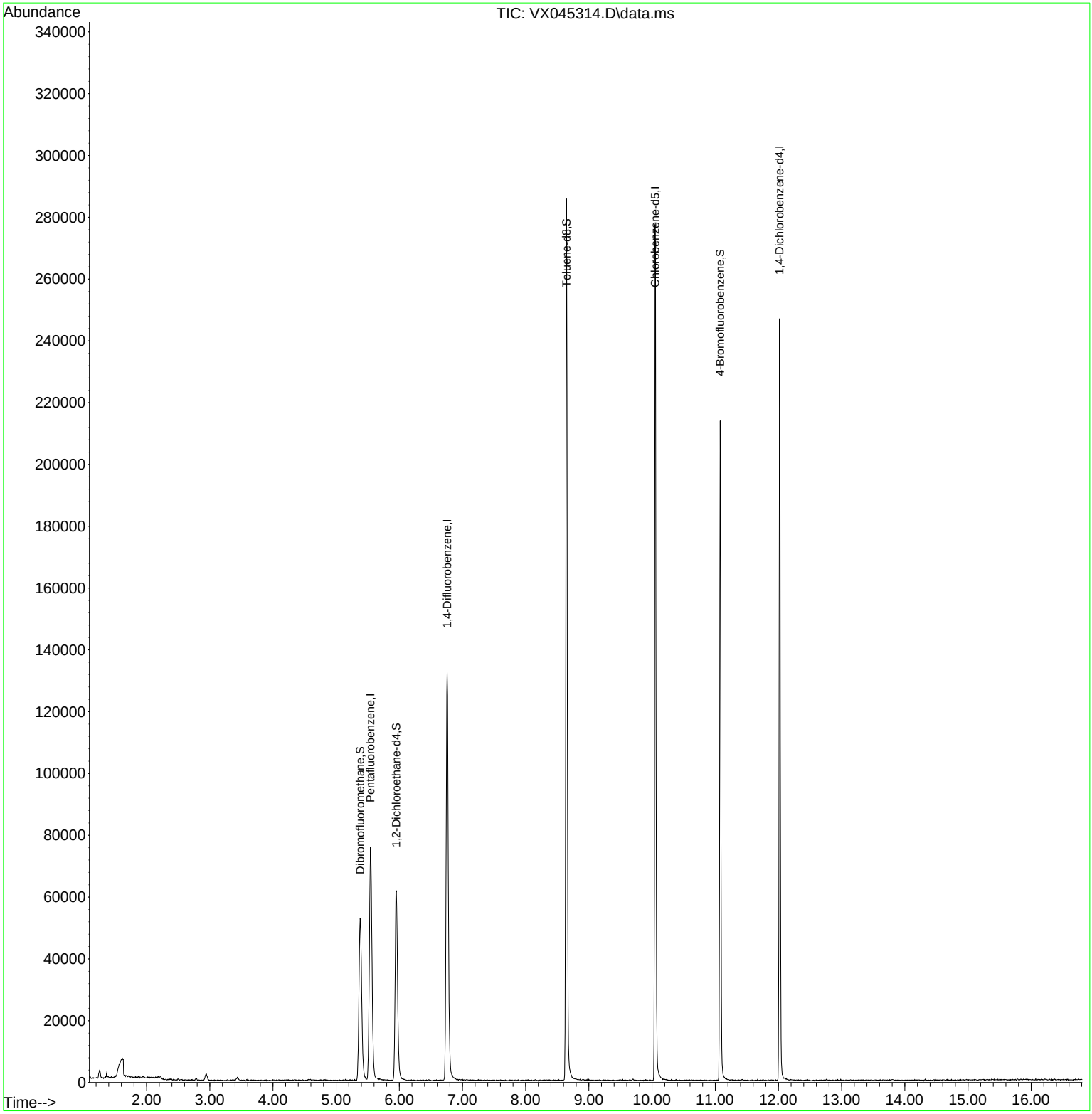
(#) = qualifier out of range (m) = manual integration (+) = signals summed

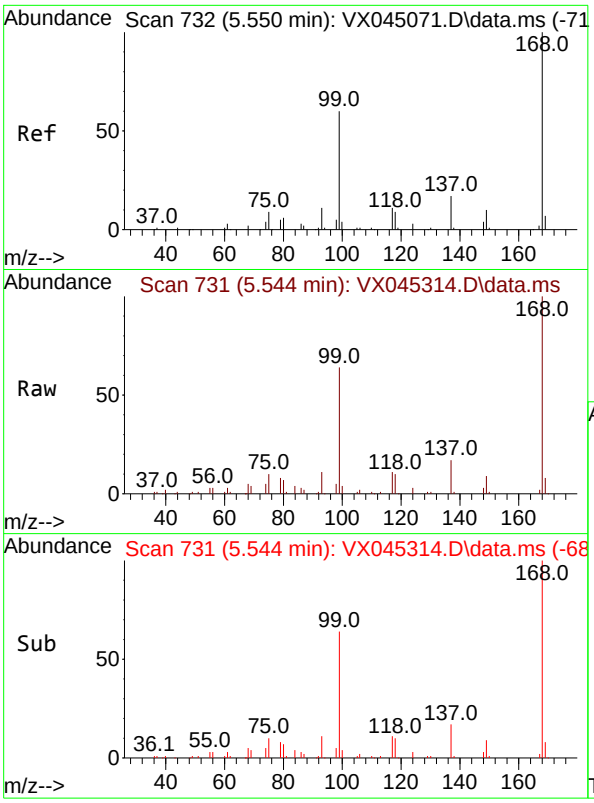
Sample Results: **VX045314.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

Quant Time: Mar 19 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



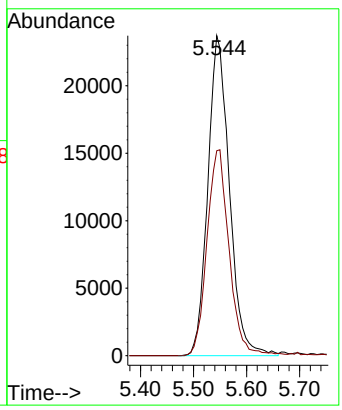


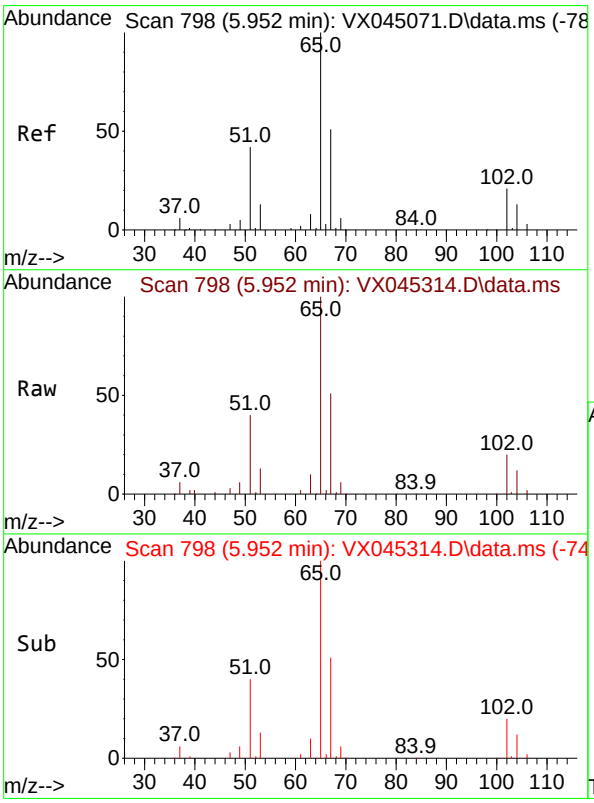

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

Tgt Ion:168 Resp: 66984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 64.0 | 48.2 | 72.4 |

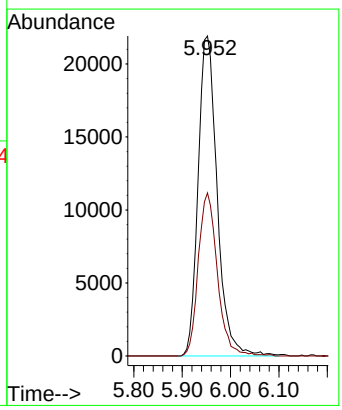


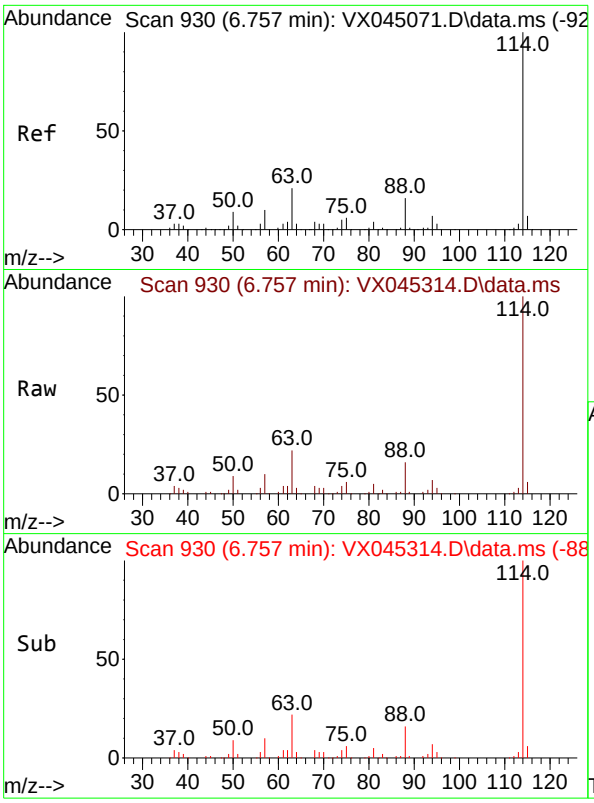




#33
1,2-Dichloroethane-d4
Concen: 56.307 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 65 Resp: 59994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.1 | 0.0 | 106.2 |



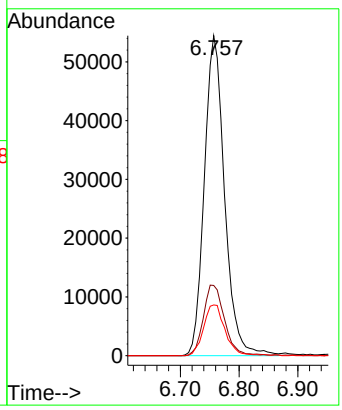


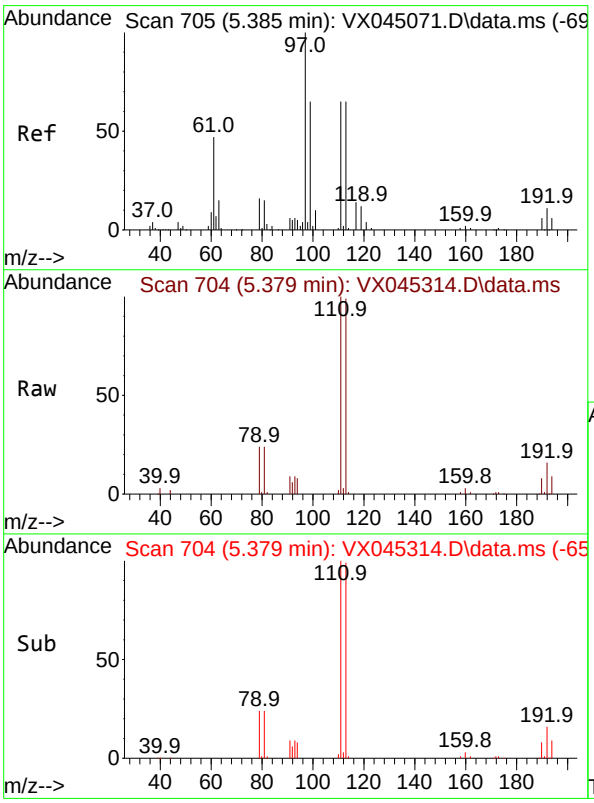

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

Tgt Ion:114 Resp: 130552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.0 | 0.0 | 41.8 |
| 88 | 15.9 | 0.0 | 32.8 |

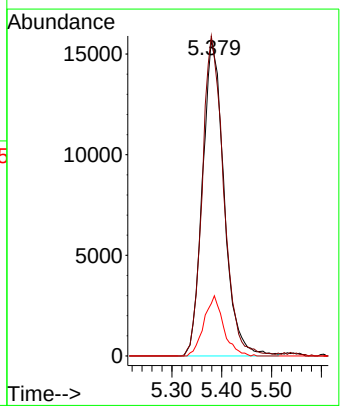


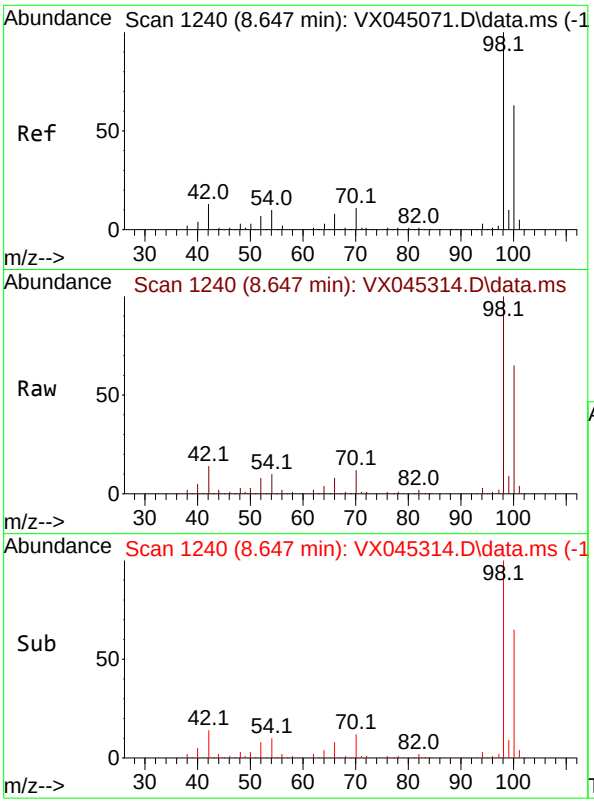




#35
Dibromofluoromethane
Concen: 53.955 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion:113 Resp: 47101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.4 | 81.8 | 122.6 |
| 192 | 17.3 | 14.3 | 21.5 |



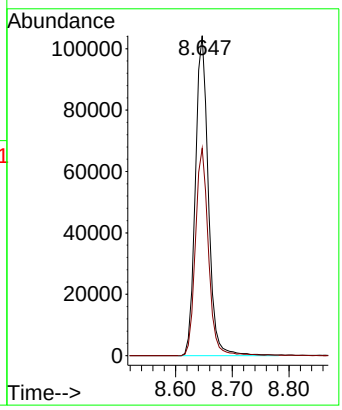


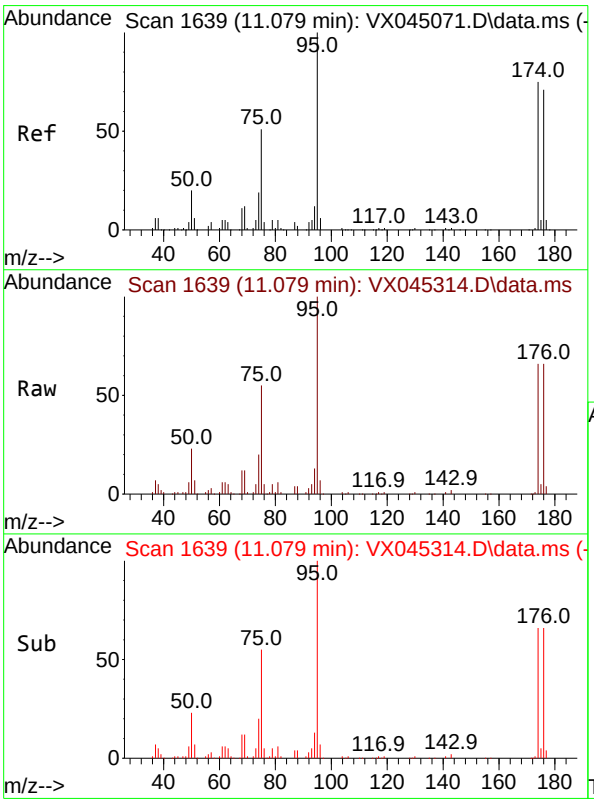

#50
Toluene-d8
Concen: 52.330 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

Tgt Ion: 98 Resp: 165615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.0 | 52.0 | 78.0 |

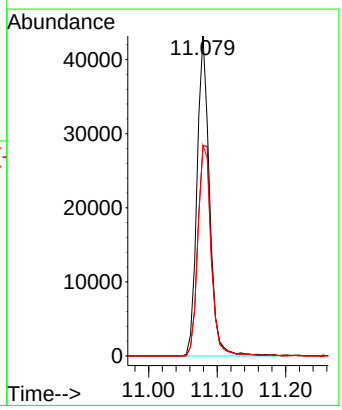


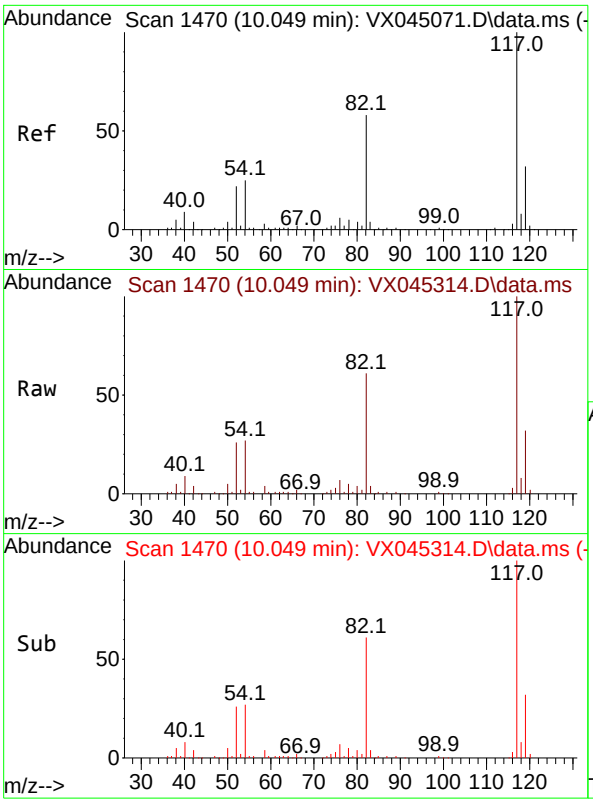




#62
4-Bromofluorobenzene
Concen: 52.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 95 Resp: 54760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 71.8 | 0.0 | 148.2 |
| 176 | 70.1 | 0.0 | 141.4 |



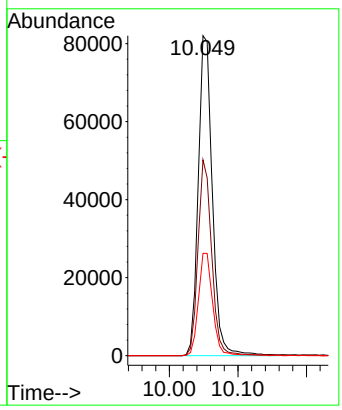


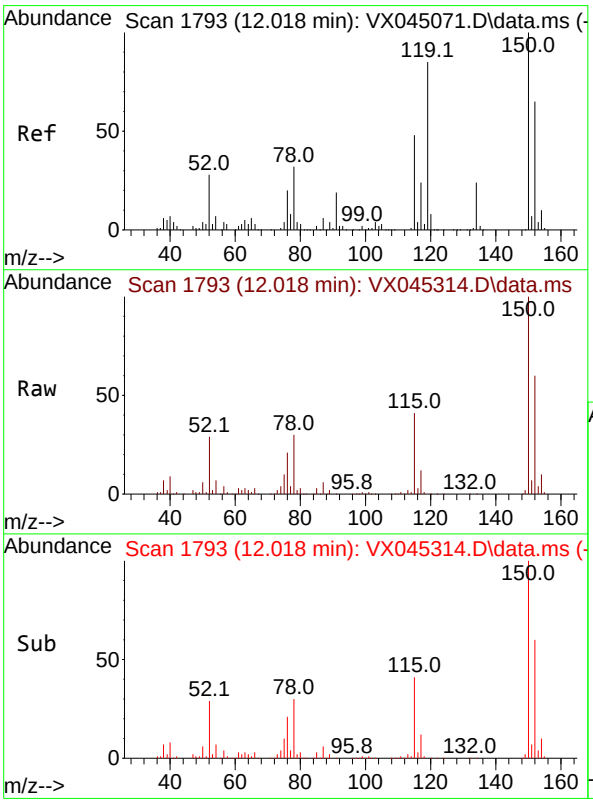

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

Tgt Ion:117 Resp: 117786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.2 | 46.3 | 69.5 |
| 119 | 32.0 | 25.7 | 38.5 |

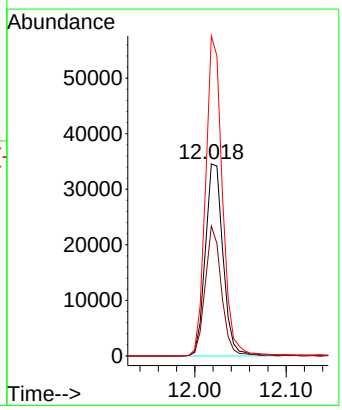



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion:152 Resp: 46358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 62.3 | 44.2 | 132.6 |
| 150 | 158.8 | 0.0 | 349.0 |



Sample Results: **VX045314.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

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\82X022825W.M
Title : SW846 8260

Signal : TIC: VX045314.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.258 | 22 | 28 | 32 | rBV5 | 2740 | 4836 | 1.06% | 0.209% |
| 2 | 1.569 | 67 | 79 | 80 | rBV3 | 4398 | 10840 | 2.38% | 0.468% |
| 3 | 1.618 | 80 | 87 | 88 | rVV5 | 2057 | 5268 | 1.16% | 0.227% |
| 4 | 2.940 | 298 | 304 | 310 | rBV2 | 2209 | 4757 | 1.04% | 0.205% |
| 5 | 5.379 | 695 | 704 | 717 | rBV3 | 52515 | 156784 | 34.44% | 6.769% |
| 6 | 5.544 | 721 | 731 | 746 | rVV | 75232 | 212616 | 46.70% | 9.180% |
| 7 | 5.952 | 789 | 798 | 815 | rBV | 61172 | 165575 | 36.37% | 7.149% |
| 8 | 6.757 | 920 | 930 | 943 | rBV | 131923 | 322435 | 70.82% | 13.922% |
| 9 | 8.647 | 1234 | 1240 | 1257 | rBV | 285040 | 455264 | 100.00% | 19.657% |
| 10 | 10.049 | 1465 | 1470 | 1490 | rBV | 277018 | 393133 | 86.35% | 16.974% |
| 11 | 11.079 | 1634 | 1639 | 1653 | rBV | 213455 | 275384 | 60.49% | 11.890% |
| 12 | 12.018 | 1788 | 1793 | 1804 | rBV | 246419 | 309148 | 67.91% | 13.348% |

Sum of corrected areas: 2316040

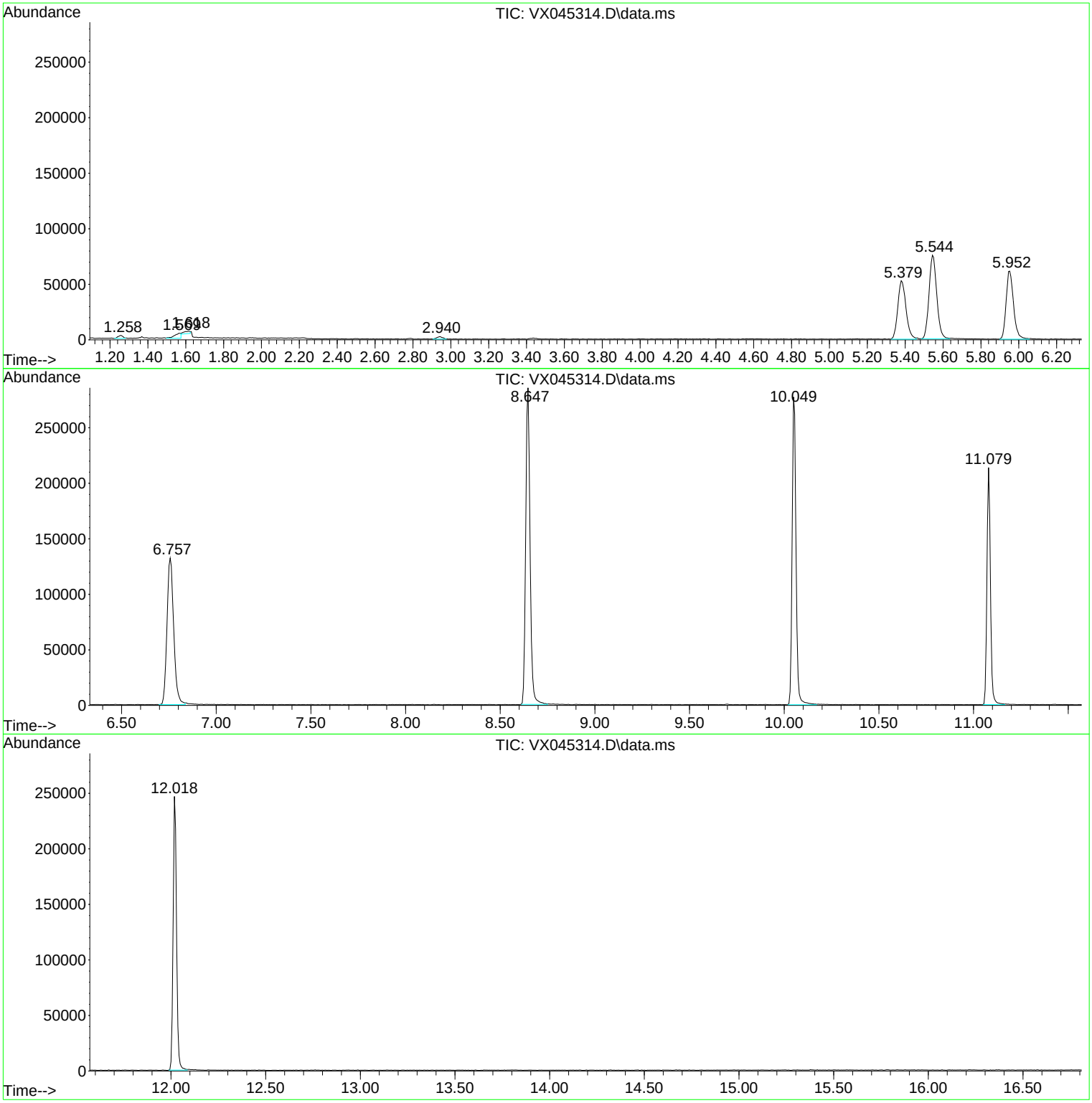
Sample Results: **VX045314.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX045314.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.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 |

Sample Results: **VX045315.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 101216 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 179978 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 159085 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 70581 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 85669 | 53.211 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 106.420% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 63666 | 52.902 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 105.800% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 223393 | 51.202 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 102.400% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 78279 | 54.144 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 108.280% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.166 | 85 | 23648 | 18.561 | ug/l | 96 |
| 3) Chloromethane | 1.307 | 50 | 26060 | 16.714 | ug/l | 96 |
| 4) Vinyl Chloride | 1.374 | 62 | 24585 | 15.895 | ug/l | 99 |
| 5) Bromomethane | 1.593 | 94 | 11086 | 18.232 | ug/l | 97 |
| 6) Chloroethane | 1.666 | 64 | 14472 | 20.285 | ug/l | 97 |
| 7) Trichlorofluoromethane | 1.874 | 101 | 38112 | 18.613 | ug/l | 98 |
| 8) Diethyl Ether | 2.136 | 74 | 13147 | 16.415 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluo... | 2.319 | 101 | 24411 | 20.751 | ug/l | 98 |
| 10) Methyl Iodide | 2.441 | 142 | 27544 | 18.736 | ug/l | 97 |
| 11) Tert butyl alcohol | 2.977 | 59 | 23962 | 78.575 | ug/l | 97 |
| 12) 1,1-Dichloroethene | 2.307 | 96 | 22967 | 18.466 | ug/l | 93 |
| 13) Acrolein | 2.233 | 56 | 18007 | 51.080 | ug/l | 100 |
| 14) Allyl chloride | 2.654 | 41 | 43853 | 19.808 | ug/l | 97 |
| 15) Acrylonitrile | 3.062 | 53 | 81578 | 99.811 | ug/l | 99 |
| 16) Acetone | 2.386 | 43 | 74275 | 99.433 | ug/l | 100 |
| 17) Carbon Disulfide | 2.502 | 76 | 48265 | 14.570 | ug/l | 100 |
| 18) Methyl Acetate | 2.703 | 43 | 44014 | 24.493 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.117 | 73 | 82507 | 19.773 | ug/l | 97 |
| 20) Methylene Chloride | 2.782 | 84 | 27791 | 18.782 | ug/l | 95 |
| 21) trans-1,2-Dichloroethene | 3.087 | 96 | 23029 | 18.742 | ug/l | 91 |
| 22) Diisopropyl ether | 3.757 | 45 | 91341 | 20.287 | ug/l # | 79 |
| 23) Vinyl Acetate | 3.721 | 43 | 368514 | 98.077 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 49698 | 19.695 | ug/l | 97 |
| 25) 2-Butanone | 4.556 | 43 | 115779 | 102.970 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.477 | 77 | 33045 | 27.919 | ug/l | 97 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 29728 | 19.599 | ug/l | 96 |
| 28) Bromochloromethane | 4.898 | 49 | 26265 | 21.837 | ug/l | 100 |
| 29) Tetrahydrofuran | 5.007 | 42 | 72963 | 96.628 | ug/l | 99 |
| 30) Chloroform | 5.087 | 83 | 51341 | 20.477 | ug/l | 98 |
| 31) Cyclohexane | 5.465 | 56 | 40755 | 18.606 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 5.379 | 97 | 40576 | 20.038 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.690 | 75 | 32750 | 19.843 | ug/l | 98 |
| 37) Ethyl Acetate | 4.721 | 43 | 41898 | 19.701 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.672 | 117 | 32994 | 19.691 | ug/l | 97 |
| 39) Methylcyclohexane | 7.373 | 83 | 39221 | 19.833 | ug/l | 96 |
| 40) Benzene | 6.031 | 78 | 102609 | 19.688 | ug/l | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.916 | 41 | 23090 | 20.079 | ug/l | | 94 |
| 42) 1,2-Dichloroethane | 6.086 | 62 | 39956 | 21.290 | ug/l | | 98 |
| 43) Isopropyl Acetate | 6.342 | 43 | 63959 | 20.338 | ug/l | | 99 |
| 44) Trichloroethene | 7.117 | 130 | 23097 | 18.874 | ug/l | | 97 |
| 45) 1,2-Dichloropropane | 7.428 | 63 | 26591 | 19.844 | ug/l | | 98 |
| 46) Dibromomethane | 7.580 | 93 | 19209 | 20.282 | ug/l | | 99 |
| 47) Bromodichloromethane | 7.818 | 83 | 38279 | 20.605 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.690 | 41 | 32572 | 20.645 | ug/l | | 96 |
| 49) 1,4-Dioxane | 7.665 | 88 | 12054 | 362.201 | ug/l | | 93 |
| 51) 4-Methyl-2-Pentanone | 8.574 | 43 | 230272 | 109.054 | ug/l | | 98 |
| 52) Toluene | 8.714 | 92 | 62616 | 20.477 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 31720 | 20.424 | ug/l | | 96 |
| 54) cis-1,3-Dichloropropene | 8.360 | 75 | 38346 | 21.174 | ug/l | | 93 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 25793 | 20.490 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.116 | 69 | 39605 | 20.698 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 44804 | 20.567 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.238 | 63 | 88727 | 95.056 | ug/l | | 99 |
| 59) 2-Hexanone | 9.427 | 43 | 167637 | 109.574 | ug/l | | 98 |
| 60) Dibromochloromethane | 9.519 | 129 | 26686 | 20.275 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 25665 | 20.423 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.269 | 164 | 20403 | 20.025 | ug/l | | 96 |
| 65) Chlorobenzene | 10.080 | 112 | 66830 | 19.853 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131 | 22645 | 20.200 | ug/l | | 97 |
| 67) Ethyl Benzene | 10.189 | 91 | 119008 | 20.290 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.299 | 106 | 88510 | 41.222 | ug/l | | 98 |
| 69) o-Xylene | 10.640 | 106 | 43529 | 20.101 | ug/l | | 96 |
| 70) Styrene | 10.653 | 104 | 73075 | 20.855 | ug/l | | 98 |
| 71) Bromoform | 10.799 | 173 | 16873 | 19.960 | ug/l | # | 96 |
| 73) Isopropylbenzene | 10.957 | 105 | 115722 | 21.006 | ug/l | | 99 |
| 74) N-amyl acetate | 10.842 | 43 | 52935 | 20.478 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 40904 | 20.233 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 33063m | 20.126 | ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 26393 | 20.305 | ug/l | | 98 |
| 78) n-propylbenzene | 11.299 | 91 | 133799 | 21.500 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.360 | 91 | 81371 | 20.531 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 93706 | 21.036 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 9303 | 19.380 | ug/l | # | 83 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 90708 | 21.000 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 94270 | 20.597 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 95258 | 21.253 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.890 | 105 | 118093 | 21.540 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 93774 | 21.165 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 46929 | 20.238 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.036 | 146 | 46719 | 19.915 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.329 | 91 | 81793 | 21.434 | ug/l | | 99 |
| 90) Hexachloroethane | 12.536 | 117 | 15561 | 19.417 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 47575 | 20.453 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75 | 7898 | 20.053 | ug/l | | 95 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 26039 | 19.660 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 11193 | 20.613 | ug/l | | 99 |
| 95) Naphthalene | 13.774 | 128 | 99469 | 19.547 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.963 | 180 | 27553 | 19.719 | ug/l | | 99 |

Sample Results: **VX045315.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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

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

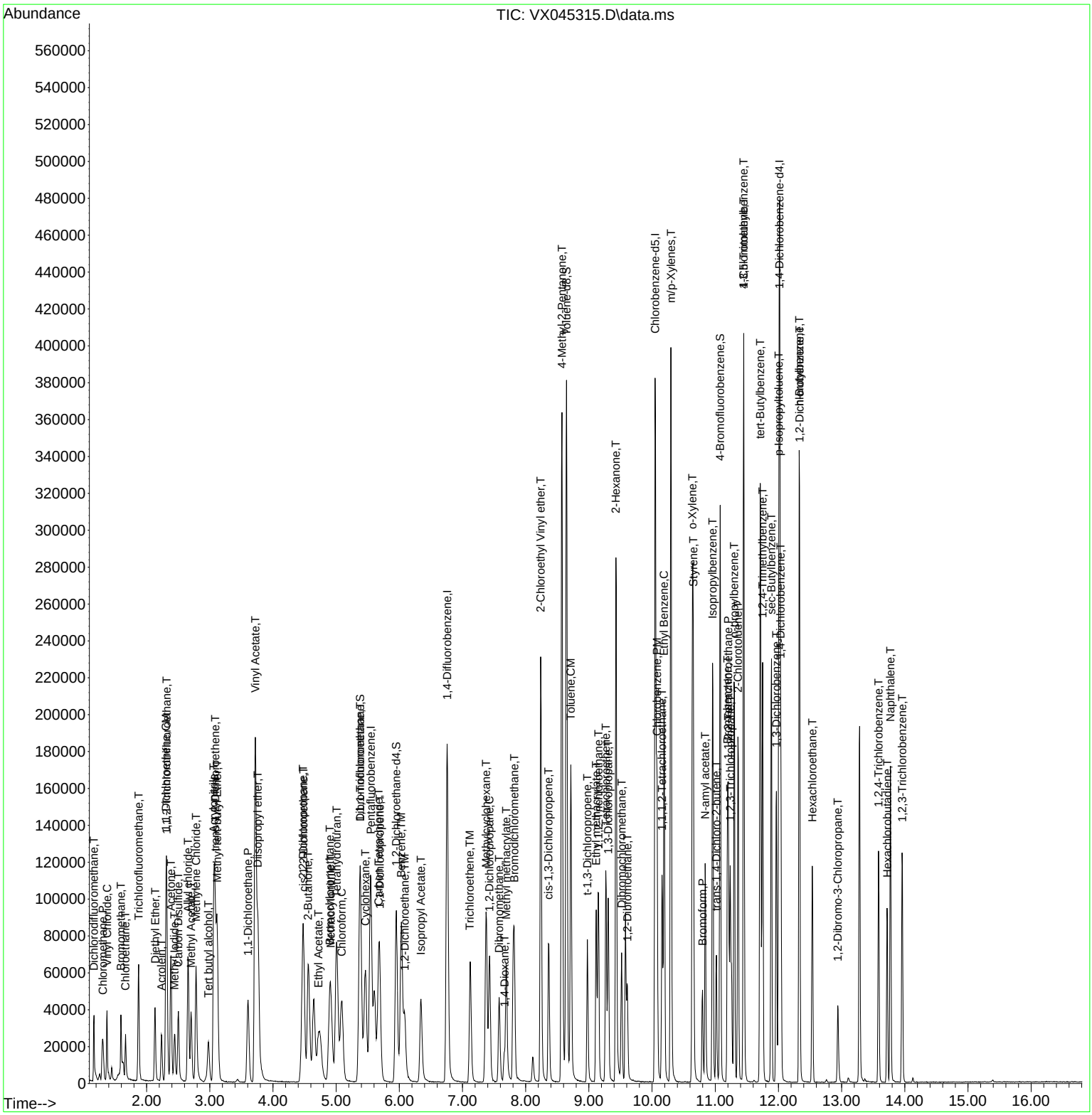
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBS01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045316.D
Acq On : 18 Mar 2025 11:43
Operator : JC/MD
Sample : VX0318WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 01:41:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 94187 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 168890 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 150181 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 66832 | 50.000 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.946 | 65 | 81345 | 54.296 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 108.600% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 59251 | 52.466 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 104.940% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 208939 | 51.033 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 102.060% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 73800 | 54.397 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 108.800% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.166 | 85 | 22132 | 18.667 | ug/l | 98 |
| 3) Chloromethane | 1.307 | 50 | 24334 | 16.772 | ug/l | 98 |
| 4) Vinyl Chloride | 1.368 | 62 | 22741 | 15.800 | ug/l | 97 |
| 5) Bromomethane | 1.593 | 94 | 10409 | 18.396 | ug/l | 91 |
| 6) Chloroethane | 1.666 | 64 | 13145 | 19.800 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.874 | 101 | 34041 | 17.866 | ug/l | 98 |
| 8) Diethyl Ether | 2.130 | 74 | 12697 | 17.037 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluo... | 2.313 | 101 | 23216 | 21.208 | ug/l | 99 |
| 10) Methyl Iodide | 2.441 | 142 | 25842 | 18.890 | ug/l | 97 |
| 11) Tert butyl alcohol | 2.977 | 59 | 25328 | 89.252 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.306 | 96 | 21337 | 18.436 | ug/l | 99 |
| 13) Acrolein | 2.233 | 56 | 17483 | 53.295 | ug/l | 99 |
| 14) Allyl chloride | 2.654 | 41 | 41829 | 20.304 | ug/l | 98 |
| 15) Acrylonitrile | 3.062 | 53 | 78894 | 103.731 | ug/l | 99 |
| 16) Acetone | 2.386 | 43 | 70913 | 102.017 | ug/l | 99 |
| 17) Carbon Disulfide | 2.502 | 76 | 45656 | 14.811 | ug/l | 97 |
| 18) Methyl Acetate | 2.703 | 43 | 42913 | 25.662 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 79562 | 20.490 | ug/l | 98 |
| 20) Methylene Chloride | 2.782 | 84 | 26357 | 19.142 | ug/l | 95 |
| 21) trans-1,2-Dichloroethene | 3.081 | 96 | 21084 | 18.440 | ug/l | 95 |
| 22) Diisopropyl ether | 3.764 | 45 | 85197 | 20.334 | ug/l | 93 |
| 23) Vinyl Acetate | 3.715 | 43 | 351902 | 100.645 | ug/l | 98 |
| 24) 1,1-Dichloroethane | 3.605 | 63 | 46155 | 19.656 | ug/l | 98 |
| 25) 2-Butanone | 4.556 | 43 | 111349 | 106.420 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.465 | 77 | 30901 | 28.056 | ug/l | 95 |
| 27) cis-1,2-Dichloroethene | 4.483 | 96 | 27512 | 19.492 | ug/l | 94 |
| 28) Bromochloromethane | 4.885 | 49 | 25092 | 22.419 | ug/l | 99 |
| 29) Tetrahydrofuran | 5.007 | 42 | 71884 | 102.304 | ug/l | 99 |
| 30) Chloroform | 5.086 | 83 | 46961 | 20.128 | ug/l | 100 |
| 31) Cyclohexane | 5.464 | 56 | 38035 | 18.660 | ug/l | 92 |
| 32) 1,1,1-Trichloroethane | 5.373 | 97 | 37299 | 19.794 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.684 | 75 | 29283 | 18.907 | ug/l | 99 |
| 37) Ethyl Acetate | 4.715 | 43 | 40485 | 20.286 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.666 | 117 | 31045 | 19.744 | ug/l | 97 |
| 39) Methylcyclohexane | 7.373 | 83 | 38119 | 20.541 | ug/l | 97 |
| 40) Benzene | 6.031 | 78 | 96177 | 19.666 | ug/l | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045316.D
Acq On : 18 Mar 2025 11:43
Operator : JC/MD
Sample : VX0318WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 01:41:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.922 | 41 | 22596 | 20.940 | ug/l | | 94 |
| 42) 1,2-Dichloroethane | 6.080 | 62 | 38026 | 21.592 | ug/l | | 98 |
| 43) Isopropyl Acetate | 6.336 | 43 | 62490 | 21.176 | ug/l | | 99 |
| 44) Trichloroethene | 7.123 | 130 | 21822 | 19.003 | ug/l | | 94 |
| 45) 1,2-Dichloropropane | 7.427 | 63 | 25816 | 20.531 | ug/l | | 94 |
| 46) Dibromomethane | 7.574 | 93 | 18760 | 21.108 | ug/l | | 97 |
| 47) Bromodichloromethane | 7.818 | 83 | 35623 | 20.434 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.690 | 41 | 31848 | 21.512 | ug/l | | 96 |
| 49) 1,4-Dioxane | 7.659 | 88 | 11556 | 370.034 | ug/l | | 93 |
| 51) 4-Methyl-2-Pentanone | 8.574 | 43 | 222705 | 112.395 | ug/l | | 99 |
| 52) Toluene | 8.714 | 92 | 58577 | 20.414 | ug/l | | 97 |
| 53) t-1,3-Dichloropropene | 8.976 | 75 | 29819 | 20.460 | ug/l | | 95 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 36677 | 21.582 | ug/l | | 96 |
| 55) 1,1,2-Trichloroethane | 9.147 | 97 | 25123 | 21.268 | ug/l | | 97 |
| 56) Ethyl methacrylate | 9.116 | 69 | 39272 | 21.871 | ug/l | | 96 |
| 57) 1,3-Dichloropropane | 9.305 | 76 | 43040 | 21.054 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.238 | 63 | 86100 | 98.298 | ug/l | | 99 |
| 59) 2-Hexanone | 9.427 | 43 | 159687 | 111.230 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.519 | 129 | 26487 | 21.445 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 25153 | 21.330 | ug/l | | 98 |
| 64) Tetrachloroethene | 9.275 | 164 | 18822 | 19.569 | ug/l | | 95 |
| 65) Chlorobenzene | 10.079 | 112 | 63629 | 20.023 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131 | 21107 | 19.945 | ug/l | | 97 |
| 67) Ethyl Benzene | 10.189 | 91 | 112021 | 20.231 | ug/l | | 100 |
| 68) m/p-Xylenes | 10.299 | 106 | 83669 | 41.277 | ug/l | | 99 |
| 69) o-Xylene | 10.640 | 106 | 41442 | 20.271 | ug/l | | 99 |
| 70) Styrene | 10.653 | 104 | 70171 | 21.213 | ug/l | | 99 |
| 71) Bromoform | 10.799 | 173 | 16250 | 20.363 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.957 | 105 | 108230 | 20.748 | ug/l | | 98 |
| 74) N-amyl acetate | 10.842 | 43 | 51327 | 20.969 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83 | 39864 | 20.825 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.238 | 75 | 32413m | 20.837 | ug/l | | |
| 77) Bromobenzene | 11.195 | 156 | 25277 | 20.537 | ug/l | | 98 |
| 78) n-propylbenzene | 11.299 | 91 | 125607 | 21.316 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.360 | 91 | 77573 | 20.671 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 89825 | 21.296 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 9250 | 20.350 | ug/l | | 88 |
| 82) 4-Chlorotoluene | 11.451 | 91 | 86122 | 21.056 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.713 | 119 | 88195 | 20.351 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.750 | 105 | 90117 | 21.234 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.890 | 105 | 111586 | 21.495 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.006 | 119 | 90468 | 21.564 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 45671 | 20.801 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.043 | 146 | 45020 | 20.267 | ug/l | | 97 |
| 89) n-Butylbenzene | 12.329 | 91 | 78785 | 21.804 | ug/l | | 99 |
| 90) Hexachloroethane | 12.536 | 117 | 14375 | 18.944 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 46115 | 20.937 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75 | 7852 | 21.055 | ug/l | | 92 |
| 93) 1,2,4-Trichlorobenzene | 13.585 | 180 | 25188 | 20.084 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 11003 | 21.399 | ug/l | | 98 |
| 95) Naphthalene | 13.774 | 128 | 98470 | 20.436 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.957 | 180 | 26632 | 20.129 | ug/l | | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045316.D
Acq On : 18 Mar 2025 11:43
Operator : JC/MD
Sample : VX0318WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 01:41:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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

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

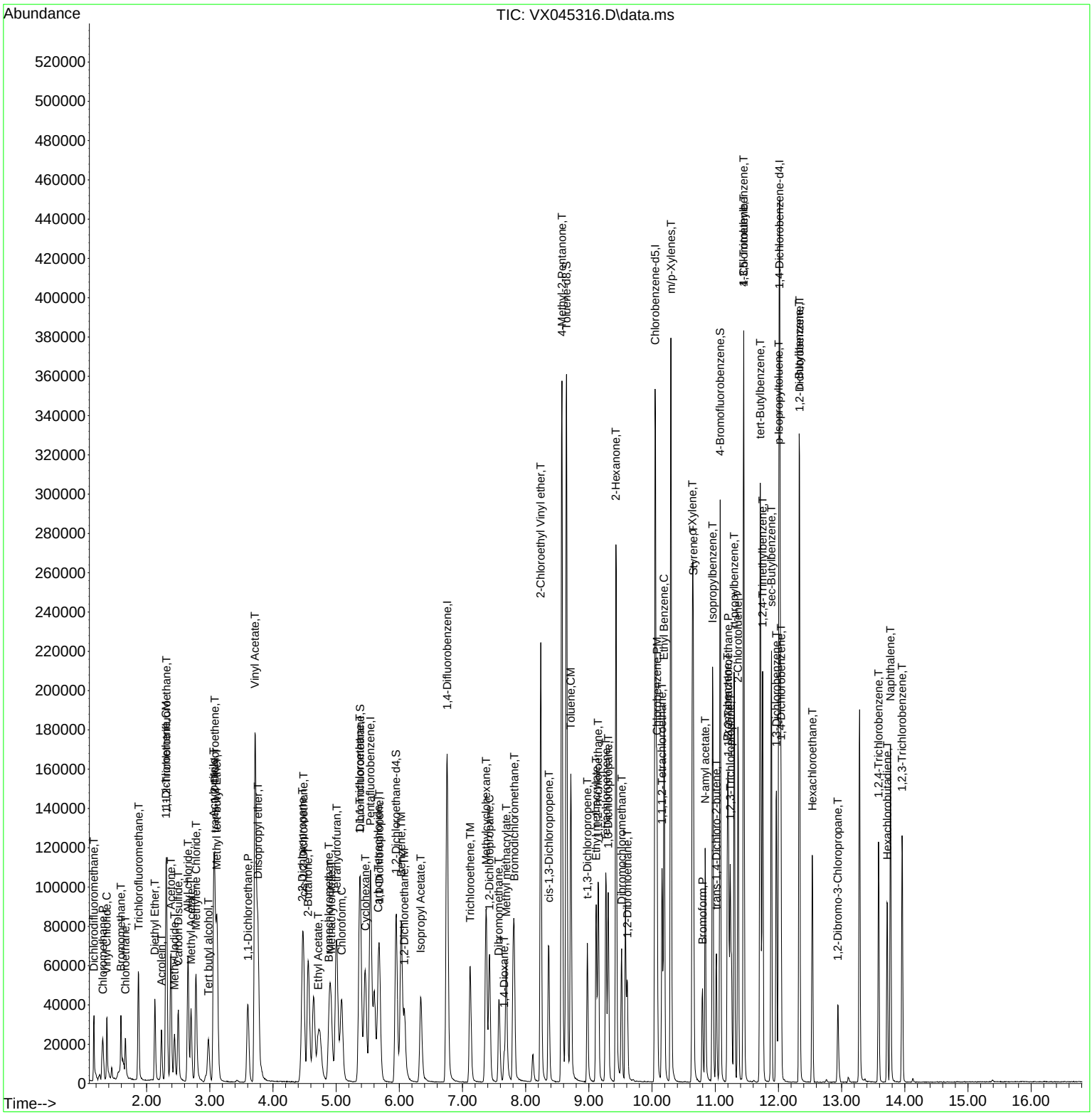
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045316.D
Acq On : 18 Mar 2025 11:43
Operator : JC/MD
Sample : VX0318WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 01:41:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0318WBSD01

**Manual Integrations APPROVED**

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



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

# Manual Integration Report

| Sequence: | VX022825 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICC001 | VX045068.D | 1,2,3-Trichloropropane | JOHN | 2/28/2025 10:05:09 AM | MMDadoda | 2/28/2025 11:09:31 AM | Peak Integrated by Software |
| VSTDICC001 | VX045068.D | 1,4-Dichlorobenzene | JOHN | 2/28/2025 10:05:09 AM | MMDadoda | 2/28/2025 11:09:31 AM | Peak Integrated by Software |
| VSTDICC001 | VX045068.D | Carbon Tetrachloride | JOHN | 2/28/2025 10:05:09 AM | MMDadoda | 2/28/2025 11:09:31 AM | Peak Integrated by Software |
| VSTDICC001 | VX045068.D | Chloroethane | JOHN | 2/28/2025 10:05:09 AM | MMDadoda | 2/28/2025 11:09:31 AM | Peak Integrated by Software |
| VSTDICC001 | VX045068.D | Ethyl Acetate | JOHN | 2/28/2025 10:05:09 AM | MMDadoda | 2/28/2025 11:09:31 AM | Peak Integrated by Software |
| VSTDICC001 | VX045068.D | Methacrylonitrile | JOHN | 2/28/2025 10:05:09 AM | MMDadoda | 2/28/2025 11:09:31 AM | Peak Integrated by Software |
| VSTDICC001 | VX045068.D | Methyl methacrylate | JOHN | 2/28/2025 10:05:09 AM | MMDadoda | 2/28/2025 11:09:31 AM | Peak Integrated by Software |
| VSTDICC005 | VX045069.D | 1,2,3-Trichloropropane | JOHN | 2/28/2025 10:05:14 AM | MMDadoda | 2/28/2025 11:09:31 AM | Peak Integrated by Software |
| VSTDICC005 | VX045069.D | Tert butyl alcohol | JOHN | 2/28/2025 10:05:14 AM | MMDadoda | 2/28/2025 11:09:31 AM | Peak Integrated by Software |
| VSTDICC020 | VX045070.D | 1,2,3-Trichloropropane | JOHN | 2/28/2025 10:05:21 AM | MMDadoda | 2/28/2025 11:09:33 AM | Peak Integrated by Software |
| VSTDICCC050 | VX045071.D | 1,2,3-Trichloropropane | JOHN | 2/28/2025 10:05:25 AM | MMDadoda | 2/28/2025 11:09:35 AM | Peak Integrated by Software |
| VSTDICC100 | VX045072.D | 1,2,3-Trichloropropane | JOHN | 2/28/2025 10:05:30 AM | MMDadoda | 2/28/2025 11:09:37 AM | Peak Integrated by Software |
| VSTDICC150 | VX045073.D | 1,2,3-Trichloropropane | JOHN | 2/28/2025 10:05:33 AM | MMDadoda | 2/28/2025 11:09:42 AM | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | VX022825 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDICV050 | VX045075.D | 1,2,3-Trichloropropane | JOHN | 2/28/2025 10:05:38 AM | MMDadoda | 2/28/2025 11:09:44 AM | Peak Integrated by Software |
| VSTDCCC050 | VX045077.D | 1,2,3-Trichloropropane | JOHN | 3/3/2025 8:20:45 AM | MMDadoda | 3/3/2025 1:49:43 PM | Peak Integrated by Software |
| VSTDCCC050 | VX045077.D | Tert butyl alcohol | JOHN | 3/3/2025 8:20:45 AM | MMDadoda | 3/3/2025 1:49:43 PM | Peak Integrated by Software |
| VSTDCCC050 | VX045098.D | 1,2,3-Trichloropropane | JOHN | 3/3/2025 8:20:59 AM | MMDadoda | 3/3/2025 1:49:50 PM | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | vx031825 | Instrument | MSVOA_x |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| VSTDCCC050 | VX045312.D | 1,2,3-Trichloropropane | JOHN | 3/19/2025 9:50:30 AM | MMDadoda | 3/19/2025 2:22:25 PM | Peak Integrated by Software |
| VX0318WBS01 | VX045315.D | 1,2,3-Trichloropropane | JOHN | 3/19/2025 9:50:36 AM | MMDadoda | 3/19/2025 2:22:25 PM | Peak Integrated by Software |
| VX0318WBSD01 | VX045316.D | 1,2,3-Trichloropropane | JOHN | 3/19/2025 9:50:41 AM | MMDadoda | 3/19/2025 2:22:27 PM | Peak Integrated by Software |
| VSTDCCC050 | VX045338.D | 1,2,3-Trichloropropane | JOHN | 3/19/2025 9:51:19 AM | MMDadoda | 3/19/2025 2:22:32 PM | Peak Integrated by Software |

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

**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 2/28/2025 11:09:50 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 2/28/2025 11:11:09 AM | | |
| SubDirectory | VX022825 | HP Acquire Method | | HP Processing Method | 82X022825W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133187,VP133189 |
| Initial Calibration Stds | VP133194,VP133195,VP133196,VP133197,VP133198,VP133199 |
| CCC | VP133188,VP133190 |
| Internal Standard/PEM | |
| ICV/I.BLK | VP133200 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX045067.D | 28 Feb 2025 01:03 | JC/MD | Ok |
| 2 | VSTDICC001 | VX045068.D | 28 Feb 2025 01:27 | JC/MD | Ok,M |
| 3 | VSTDICC005 | VX045069.D | 28 Feb 2025 02:13 | JC/MD | Ok,M |
| 4 | VSTDICC020 | VX045070.D | 28 Feb 2025 02:37 | JC/MD | Ok,M |
| 5 | VSTDICCC050 | VX045071.D | 28 Feb 2025 03:00 | JC/MD | Ok,M |
| 6 | VSTDICC100 | VX045072.D | 28 Feb 2025 03:23 | JC/MD | Ok,M |
| 7 | VSTDICC150 | VX045073.D | 28 Feb 2025 03:47 | JC/MD | Ok,M |
| 8 | IBLK | VX045074.D | 28 Feb 2025 04:10 | JC/MD | Ok |
| 9 | VSTDICV050 | VX045075.D | 28 Feb 2025 04:33 | JC/MD | Ok,M |
| 10 | BFB | VX045076.D | 28 Feb 2025 10:03 | JC/MD | Ok |
| 11 | VSTDCCC050 | VX045077.D | 28 Feb 2025 10:32 | JC/MD | Ok,M |
| 12 | VX0228MBL01 | VX045078.D | 28 Feb 2025 11:00 | JC/MD | Ok |
| 13 | VX0228WBL01 | VX045079.D | 28 Feb 2025 11:23 | JC/MD | Ok |
| 14 | VX0228WBS01 | VX045080.D | 28 Feb 2025 11:46 | JC/MD | Ok,M |
| 15 | VX0228WBSD01 | VX045081.D | 28 Feb 2025 12:13 | JC/MD | Ok,M |
| 16 | Q1401-03 | VX045082.D | 28 Feb 2025 12:37 | JC/MD | Ok |
| 17 | Q1401-06 | VX045083.D | 28 Feb 2025 13:00 | JC/MD | Ok |
| 18 | Q1423-01 | VX045084.D | 28 Feb 2025 13:23 | JC/MD | Ok |
| 19 | Q1423-03 | VX045085.D | 28 Feb 2025 13:47 | JC/MD | Ok |
| 20 | Q1403-01 | VX045086.D | 28 Feb 2025 14:10 | JC/MD | Ok |
| 21 | Q1403-02 | VX045087.D | 28 Feb 2025 14:33 | JC/MD | Ok |

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

**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 2/28/2025 11:09:50 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 2/28/2025 11:11:09 AM | | |
| SubDirectory | VX022825 | HP Acquire Method | | HP Processing Method | 82X022825W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133187,VP133189 |
| Initial Calibration Stds | VP133194,VP133195,VP133196,VP133197,VP133198,VP133199 |
| CCC | VP133188,VP133190 |
| Internal Standard/PEM | |
| ICV/I.BLK | VP133200 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q1435-01 | VX045088.D | 28 Feb 2025 14:57 | JC/MD | Ok |
| 23 | Q1403-04 | VX045089.D | 28 Feb 2025 15:20 | JC/MD | Ok |
| 24 | Q1462-02 | VX045090.D | 28 Feb 2025 15:44 | JC/MD | Ok |
| 25 | Q1469-01 | VX045091.D | 28 Feb 2025 16:07 | JC/MD | Ok |
| 26 | Q1469-02 | VX045092.D | 28 Feb 2025 16:31 | JC/MD | Ok |
| 27 | Q1469-03 | VX045093.D | 28 Feb 2025 16:54 | JC/MD | Ok |
| 28 | Q1469-04 | VX045094.D | 28 Feb 2025 17:17 | JC/MD | Ok |
| 29 | Q1403-03 | VX045095.D | 28 Feb 2025 17:41 | JC/MD | Ok |
| 30 | Q1462-01 | VX045096.D | 28 Feb 2025 18:04 | JC/MD | Ok,M |
| 31 | IBLK | VX045097.D | 28 Feb 2025 18:27 | JC/MD | Ok |
| 32 | VSTDCCC050 | VX045098.D | 28 Feb 2025 18:50 | JC/MD | Ok,M |

M : Manual Integration

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

**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 3/19/2025 10:07:00 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 3/19/2025 2:22:41 PM | | |
| SubDirectory | VX031825 | HP Acquire Method | | HP Processing Method | 82X022825W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133349 |
| Initial Calibration Stds | |
| CCC | VP133350,VP133351 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | BFB | VX045311.D | 18 Mar 2025 09:33 | JC/MD | Ok |
| 2 | VSTDCCC050 | VX045312.D | 18 Mar 2025 10:02 | JC/MD | Ok,M |
| 3 | VX0318MBL01 | VX045313.D | 18 Mar 2025 10:30 | JC/MD | Ok |
| 4 | VX0318WBL01 | VX045314.D | 18 Mar 2025 10:53 | JC/MD | Ok |
| 5 | VX0318WBS01 | VX045315.D | 18 Mar 2025 11:16 | JC/MD | Ok,M |
| 6 | VX0318WBSD01 | VX045316.D | 18 Mar 2025 11:43 | JC/MD | Ok,M |
| 7 | Q1559-07DL | VX045317.D | 18 Mar 2025 12:07 | JC/MD | Ok |
| 8 | Q1559-01DL | VX045318.D | 18 Mar 2025 12:30 | JC/MD | Ok |
| 9 | Q1559-05DL | VX045319.D | 18 Mar 2025 12:54 | JC/MD | Ok |
| 10 | Q1559-16DL | VX045320.D | 18 Mar 2025 13:17 | JC/MD | Ok |
| 11 | Q1559-04DL | VX045321.D | 18 Mar 2025 13:41 | JC/MD | Ok |
| 12 | Q1559-03 | VX045322.D | 18 Mar 2025 14:04 | JC/MD | Ok |
| 13 | Q1559-06 | VX045323.D | 18 Mar 2025 14:27 | JC/MD | Ok |
| 14 | Q1557-01 | VX045324.D | 18 Mar 2025 14:51 | JC/MD | Ok |
| 15 | Q1557-02 | VX045325.D | 18 Mar 2025 15:14 | JC/MD | Ok |
| 16 | Q1557-06 | VX045326.D | 18 Mar 2025 15:38 | JC/MD | Ok |
| 17 | Q1557-07 | VX045327.D | 18 Mar 2025 16:01 | JC/MD | Ok |
| 18 | Q1557-08 | VX045328.D | 18 Mar 2025 16:24 | JC/MD | Ok |
| 19 | Q1559-21 | VX045329.D | 18 Mar 2025 16:47 | JC/MD | Dilution |
| 20 | Q1559-22 | VX045330.D | 18 Mar 2025 17:10 | JC/MD | Dilution |
| 21 | Q1559-08 | VX045331.D | 18 Mar 2025 17:34 | JC/MD | ReRun |

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

**Instrument ID: MSVOA_X**

## Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 3/19/2025 10:07:00 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 3/19/2025 2:22:41 PM | | |
| SubDirectory | VX031825 | HP Acquire Method | | HP Processing Method | 82X022825W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133349 |
| Initial Calibration Stds | |
| CCC | VP133350,VP133351 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q1559-09 | VX045332.D | 18 Mar 2025 17:57 | JC/MD | Dilution |
| 23 | Q1559-19 | VX045333.D | 18 Mar 2025 18:20 | JC/MD | Ok |
| 24 | Q1576-01 | VX045334.D | 18 Mar 2025 18:43 | JC/MD | Ok |
| 25 | Q1557-03 | VX045335.D | 18 Mar 2025 19:07 | JC/MD | Ok |
| 26 | Q1557-04MS | VX045336.D | 18 Mar 2025 19:30 | JC/MD | Ok,M |
| 27 | Q1557-05MSD | VX045337.D | 18 Mar 2025 19:53 | JC/MD | Ok,M |
| 28 | VSTDCCC050 | VX045338.D | 18 Mar 2025 20:16 | JC/MD | Ok,M |

M : Manual Integration

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

**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 2/28/2025 11:09:50 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 2/28/2025 11:11:09 AM | | |
| SubDirectory | VX022825 | HP Acquire Method | | HP Processing Method | 82X022825W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133187,VP133189 |
| Initial Calibration Stds | VP133194,VP133195,VP133196,VP133197,VP133198,VP133199 |
| CCC | VP133188,VP133190 |
| Internal Standard/PEM | |
| ICV/I.BLK | VP133200 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | BFB | BFB | VX045067.D | 28 Feb 2025 01:03 | | JC/MD | Ok |
| 2 | VSTDICC001 | VSTDICC001 | VX045068.D | 28 Feb 2025 01:27 | | JC/MD | Ok,M |
| 3 | VSTDICC005 | VSTDICC005 | VX045069.D | 28 Feb 2025 02:13 | | JC/MD | Ok,M |
| 4 | VSTDICC020 | VSTDICC020 | VX045070.D | 28 Feb 2025 02:37 | | JC/MD | Ok,M |
| 5 | VSTDICCC050 | VSTDICCC050 | VX045071.D | 28 Feb 2025 03:00 | | JC/MD | Ok,M |
| 6 | VSTDICC100 | VSTDICC100 | VX045072.D | 28 Feb 2025 03:23 | | JC/MD | Ok,M |
| 7 | VSTDICC150 | VSTDICC150 | VX045073.D | 28 Feb 2025 03:47 | | JC/MD | Ok,M |
| 8 | IBLK | IBLK | VX045074.D | 28 Feb 2025 04:10 | | JC/MD | Ok |
| 9 | VSTDICV050 | ICVVX022825 | VX045075.D | 28 Feb 2025 04:33 | | JC/MD | Ok,M |
| 10 | BFB | BFB | VX045076.D | 28 Feb 2025 10:03 | | JC/MD | Ok |
| 11 | VSTDCCC050 | VSTDCCC050 | VX045077.D | 28 Feb 2025 10:32 | V12668 | JC/MD | Ok,M |
| 12 | VX0228MBL01 | VX0228MBL01 | VX045078.D | 28 Feb 2025 11:00 | | JC/MD | Ok |
| 13 | VX0228WBL01 | VX0228WBL01 | VX045079.D | 28 Feb 2025 11:23 | | JC/MD | Ok |
| 14 | VX0228WBS01 | VX0228WBS01 | VX045080.D | 28 Feb 2025 11:46 | | JC/MD | Ok,M |
| 15 | VX0228WBSD01 | VX0228WBSD01 | VX045081.D | 28 Feb 2025 12:13 | | JC/MD | Ok,M |
| 16 | Q1401-03 | BP-VPB-192-GW-840-8 | VX045082.D | 28 Feb 2025 12:37 | vial B pH<2 | JC/MD | Ok |
| 17 | Q1401-06 | BP-VPB-192-GW-900-9 | VX045083.D | 28 Feb 2025 13:00 | vial B pH<2 | JC/MD | Ok |
| 18 | Q1423-01 | BP-VPB-192-TB-20250 | VX045084.D | 28 Feb 2025 13:23 | vial B pH<2 TB | JC/MD | Ok |

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

**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

| | | | | | |
|---|---|---|---|---|---|
| Review By | Mahesh Dadoda | Review On | 2/28/2025 11:09:50 AM | | |
| Supervise By | Semsettin Yesilyurt | Supervise On | 2/28/2025 11:11:09 AM | | |
| SubDirectory | VX022825 | HP Acquire Method | | HP Processing Method | 82X022825W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133187,VP133189 |
| Initial Calibration Stds | VP133194,VP133195,VP133196,VP133197,VP133198,VP133199 |
| CCC | VP133188,VP133190 |
| Internal Standard/PEM | |
| ICV/I.BLK | VP133200 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q1423-03 | BP-VPB-192-EB-20250 | VX045085.D | 28 Feb 2025 13:47 | vial B pH<2 EB | JC/MD | Ok |
| 20 | Q1403-01 | Storage-Blank-SOIL-RE | VX045086.D | 28 Feb 2025 14:10 | vial B pH<2 | JC/MD | Ok |
| 21 | Q1403-02 | Storage-Blank-WATER- | VX045087.D | 28 Feb 2025 14:33 | vial B pH<2 | JC/MD | Ok |
| 22 | Q1435-01 | 286107 | VX045088.D | 28 Feb 2025 14:57 | vial A pH<2 | JC/MD | Ok |
| 23 | Q1403-04 | Storage-Blank-SAMPLE | VX045089.D | 28 Feb 2025 15:20 | vial B pH<2 | JC/MD | Ok |
| 24 | Q1462-02 | FB | VX045090.D | 28 Feb 2025 15:44 | vial A pH<2 FB | JC/MD | Ok |
| 25 | Q1469-01 | Storage-Blank-SOIL-RE | VX045091.D | 28 Feb 2025 16:07 | vial A pH<2 | JC/MD | Ok |
| 26 | Q1469-02 | Storage-Blank-WATER- | VX045092.D | 28 Feb 2025 16:31 | vial A pH<2 | JC/MD | Ok |
| 27 | Q1469-03 | Storage-Blank-WATER- | VX045093.D | 28 Feb 2025 16:54 | vial A pH<2 | JC/MD | Ok |
| 28 | Q1469-04 | Storage-Blank-SAMPLE | VX045094.D | 28 Feb 2025 17:17 | vial A pH<2 | JC/MD | Ok |
| 29 | Q1403-03 | Storage-Blank-WATER- | VX045095.D | 28 Feb 2025 17:41 | vial B pH<2 | JC/MD | Ok |
| 30 | Q1462-01 | MW2 | VX045096.D | 28 Feb 2025 18:04 | vial A pH<2 | JC/MD | Ok,M |
| 31 | IBLK | IBLK | VX045097.D | 28 Feb 2025 18:27 | | JC/MD | Ok |
| 32 | VSTDCCC050 | VSTDCCC050EC | VX045098.D | 28 Feb 2025 18:50 | | JC/MD | Ok,M |

M : Manual Integration

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

**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 3/19/2025 10:07:00 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 3/19/2025 2:22:41 PM | | |
| SubDirectory | VX031825 | HP Acquire Method | | HP Processing Method | 82X022825W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133349 |
| Initial Calibration Stds | |
| CCC | VP133350,VP133351 |
| 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 | VX045311.D | 18 Mar 2025 09:33 | | JC/MD | Ok |
| 2 | VSTDCCC050 | VSTDCCC050 | VX045312.D | 18 Mar 2025 10:02 | pH#Lot#V12668 | JC/MD | Ok,M |
| 3 | VX0318MBL01 | VX0318MBL01 | VX045313.D | 18 Mar 2025 10:30 | | JC/MD | Ok |
| 4 | VX0318WBL01 | VX0318WBL01 | VX045314.D | 18 Mar 2025 10:53 | | JC/MD | Ok |
| 5 | VX0318WBS01 | VX0318WBS01 | VX045315.D | 18 Mar 2025 11:16 | | JC/MD | Ok,M |
| 6 | VX0318WBSD01 | VX0318WBSD01 | VX045316.D | 18 Mar 2025 11:43 | | JC/MD | Ok,M |
| 7 | Q1559-07DL | RE125D3-20250310DL | VX045317.D | 18 Mar 2025 12:07 | vial B pH<2 | JC/MD | Ok |
| 8 | Q1559-01DL | RE115D1-20250310DL | VX045318.D | 18 Mar 2025 12:30 | vial B pH<2 | JC/MD | Ok |
| 9 | Q1559-05DL | RE134D4-20250310DL | VX045319.D | 18 Mar 2025 12:54 | vial B pH<2 | JC/MD | Ok |
| 10 | Q1559-16DL | RW4-RE137-20250311 | VX045320.D | 18 Mar 2025 13:17 | vial B pH<2 | JC/MD | Ok |
| 11 | Q1559-04DL | RE134D3-20250310DL | VX045321.D | 18 Mar 2025 13:41 | vial B pH<2 | JC/MD | Ok |
| 12 | Q1559-03 | RE134D1-20250310 | VX045322.D | 18 Mar 2025 14:04 | vial B pH<2 | JC/MD | Ok |
| 13 | Q1559-06 | TT149S1-20250310 | VX045323.D | 18 Mar 2025 14:27 | vial B pH<2 | JC/MD | Ok |
| 14 | Q1557-01 | BPOW6-7-20250312 | VX045324.D | 18 Mar 2025 14:51 | vial A pH<2 | JC/MD | Ok |
| 15 | Q1557-02 | BPOW6-8-20250312 | VX045325.D | 18 Mar 2025 15:14 | vial A pH<2 | JC/MD | Ok |
| 16 | Q1557-06 | BPOW6-10-20250312 | VX045326.D | 18 Mar 2025 15:38 | vial A pH<2 | JC/MD | Ok |
| 17 | Q1557-07 | BPOW6-11-20250312 | VX045327.D | 18 Mar 2025 16:01 | vial A pH<2 | JC/MD | Ok |
| 18 | Q1557-08 | DUP04-20250312 | VX045328.D | 18 Mar 2025 16:24 | vial A pH<2 | JC/MD | Ok |

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

**Instrument ID:** MSVOA_X

## Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

| | | | | | |
|---|---|---|---|---|---|
| Review By | John Carlone | Review On | 3/19/2025 10:07:00 AM | | |
| Supervise By | Mahesh Dadoda | Supervise On | 3/19/2025 2:22:41 PM | | |
| SubDirectory | VX031825 | HP Acquire Method | | HP Processing Method | 82X022825W.M |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | VP133349 |
| Initial Calibration Stds | |
| CCC | VP133350,VP133351 |
| Internal Standard/PEM | |
| ICV/I.BLK | |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | Q1559-21 | RE120D3-20250312 | VX045329.D | 18 Mar 2025 16:47 | vial A pH<2 Need 20X | JC/MD | Dilution |
| 20 | Q1559-22 | RE120D2-20250312 | VX045330.D | 18 Mar 2025 17:10 | vial A pH<2 Need 10X | JC/MD | Dilution |
| 21 | Q1559-08 | DUP02-20250310 | VX045331.D | 18 Mar 2025 17:34 | vial A pH<2 E flag of previous sample | JC/MD | ReRun |
| 22 | Q1559-09 | DUP03-20250310 | VX045332.D | 18 Mar 2025 17:57 | vial A pH<2 Need 10X | JC/MD | Dilution |
| 23 | Q1559-19 | DUP05-20250312 | VX045333.D | 18 Mar 2025 18:20 | vial A pH<2 | JC/MD | Ok |
| 24 | Q1576-01 | MW14 | VX045334.D | 18 Mar 2025 18:43 | vial B pH<2 | JC/MD | Ok |
| 25 | Q1557-03 | BPOW6-9-20250312 | VX045335.D | 18 Mar 2025 19:07 | vial A pH<2 | JC/MD | Ok |
| 26 | Q1557-04MS | BPOW6-9-20250312MS | VX045336.D | 18 Mar 2025 19:30 | vial A pH<2 | JC/MD | Ok,M |
| 27 | Q1557-05MSD | BPOW6-9-20250312MS | VX045337.D | 18 Mar 2025 19:53 | vial A pH<2 | JC/MD | Ok,M |
| 28 | VSTDCCC050 | VSTDCCC050EC | VX045338.D | 18 Mar 2025 20:16 | | JC/MD | Ok,M |

M : Manual Integration

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

# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q1576 | **OrderDate:** | 3/14/2025 11:28:00 AM |
| **Client:** | G Environmental | **Project:** | Ave L |
| **Contact:** | Gary Landis | **Location:** | I31,VOA Ref. #3 Water |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q1576-01** | **MW14** | **Water** | | | **03/12/25** | | | **03/14/25** |
| | | | VOC-TCLVOA-10 | 8260-Low | | | 03/18/25 | |