

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121225\  
 Data File : VX048842.D  
 Acq On : 12 Dec 2025 10:31  
 Operator : JC/MD  
 Sample : VX1212WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1212WBL01

Quant Time: Dec 12 22:08:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.538  | 168  | 157967   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.745  | 114  | 331453   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 357991   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.000 | 152  | 186392   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 122324   | 57.694   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 115.380% |
| 35) Dibromofluoromethane    | 5.367  | 113   | 108700   | 47.630   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.260%  |
| 50) Toluene-d8              | 8.628  | 98    | 382048   | 47.757   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 95.520%  |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 165963   | 60.163   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 120.320% |

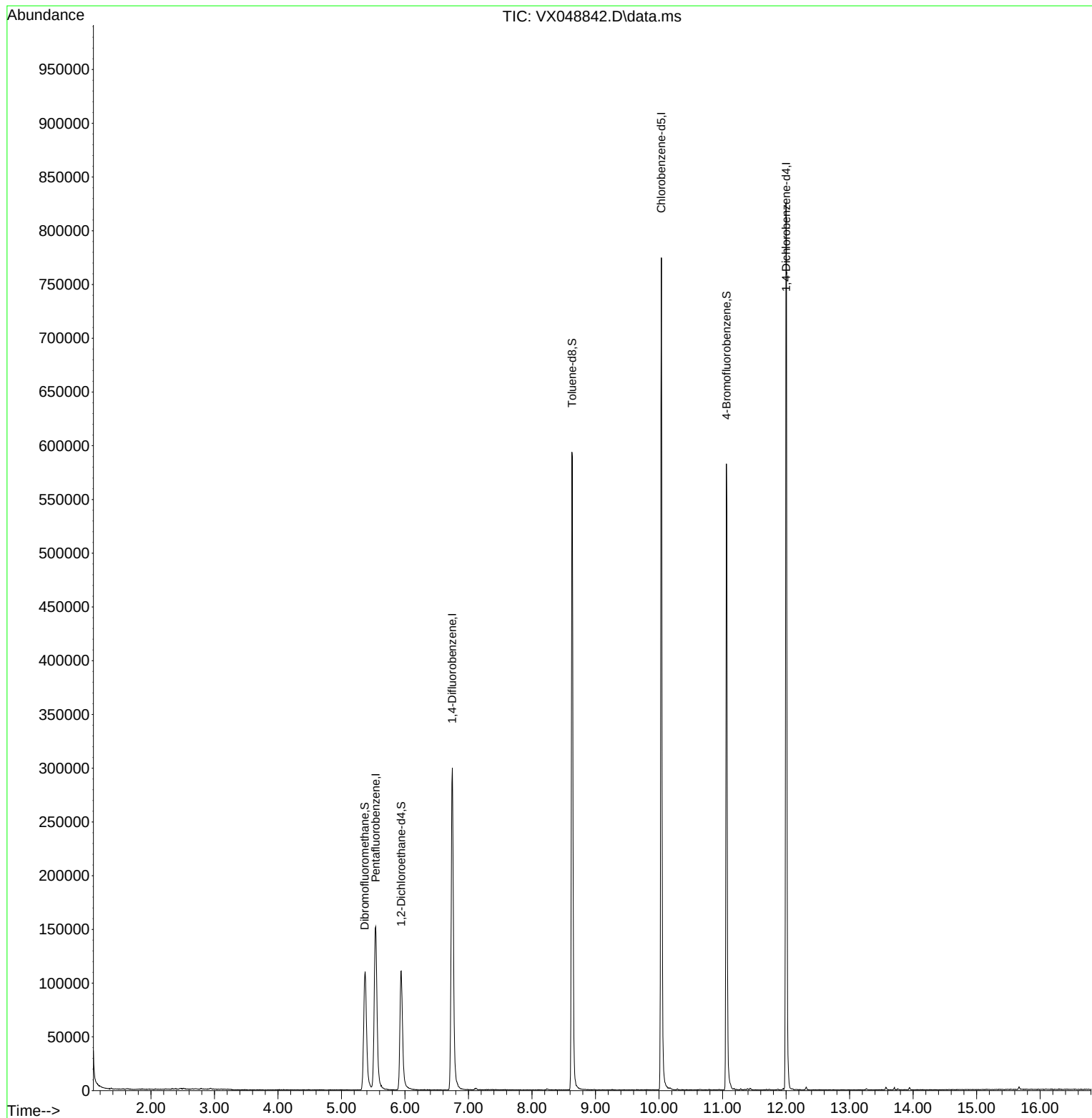
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

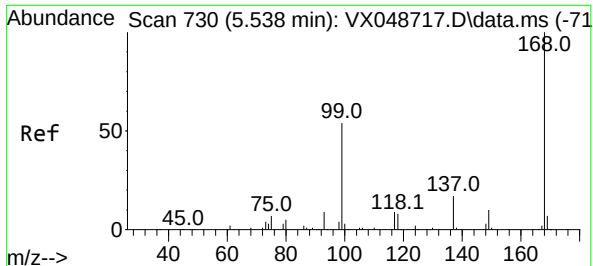
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX1212WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBL01

Quant Time: Dec 12 22:08:54 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 05 03:27:34 2025  
Response via : Initial Calibration

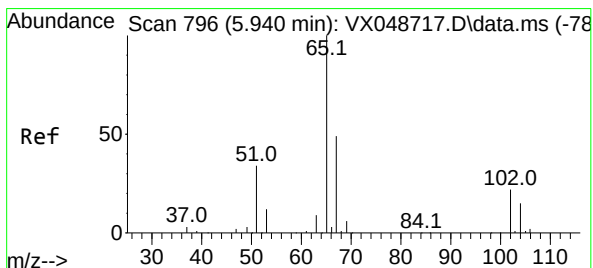
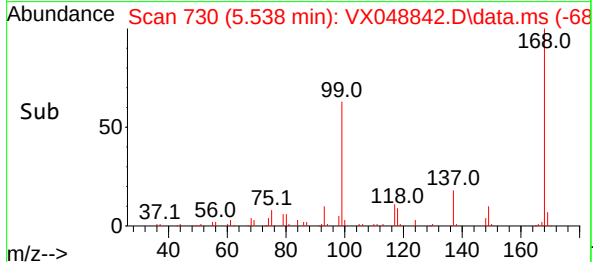
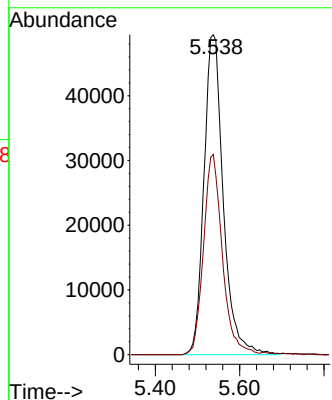
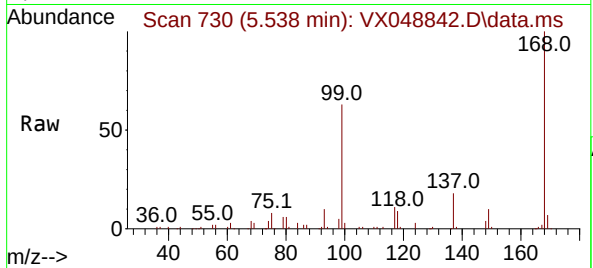




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048842.D  
Acq: 12 Dec 2025 10:31

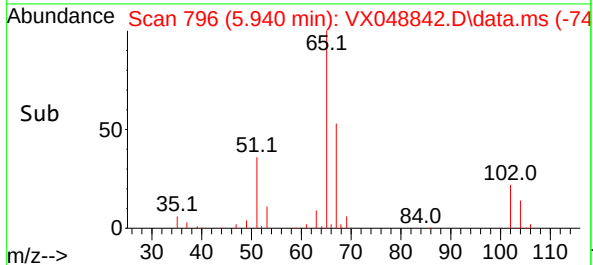
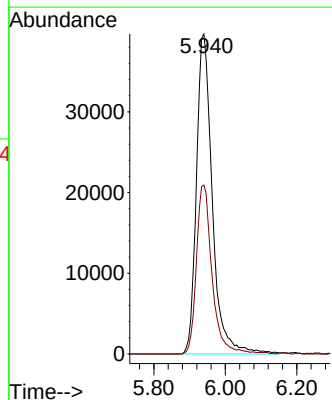
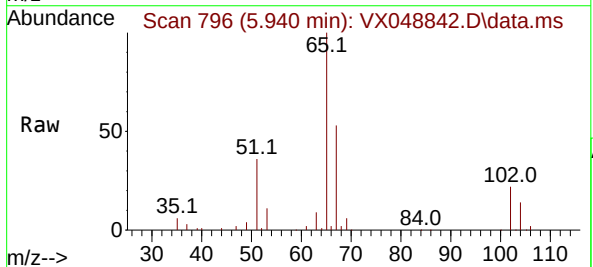
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBL01

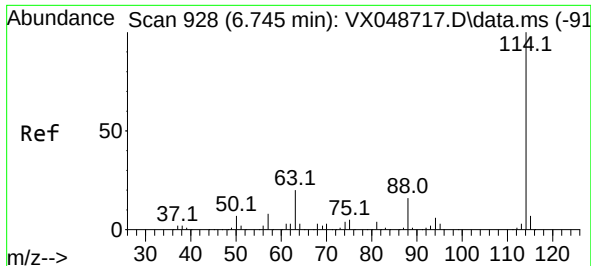
Tgt Ion:168 Resp: 157967  
Ion Ratio Lower Upper  
168 100  
99 62.6 44.2 66.4



#33  
1,2-Dichloroethane-d4  
Concen: 57.694 ug/l  
RT: 5.940 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: VX048842.D  
Acq: 12 Dec 2025 10:31

Tgt Ion: 65 Resp: 122324  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 107.4

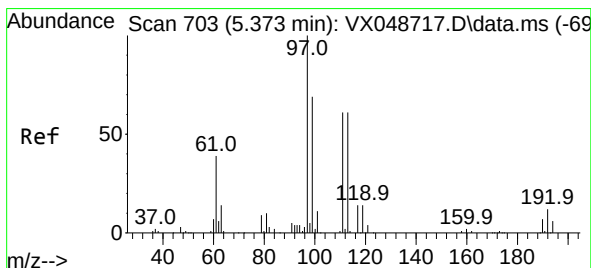
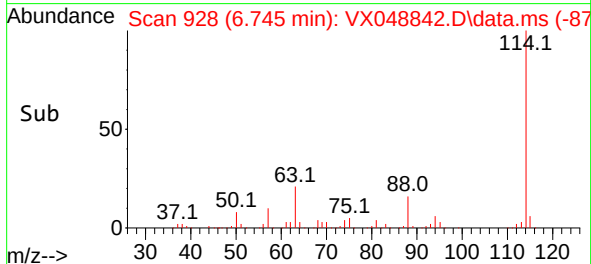
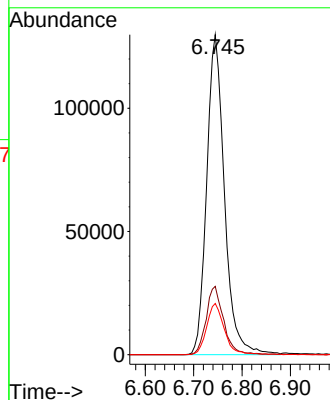
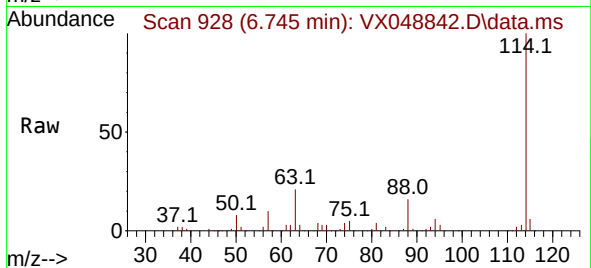




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.745 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX048842.D  
Acq: 12 Dec 2025 10:31

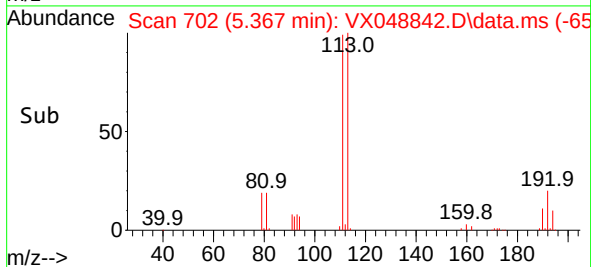
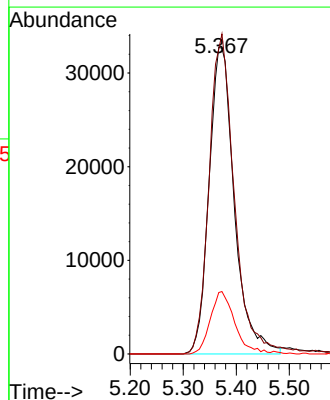
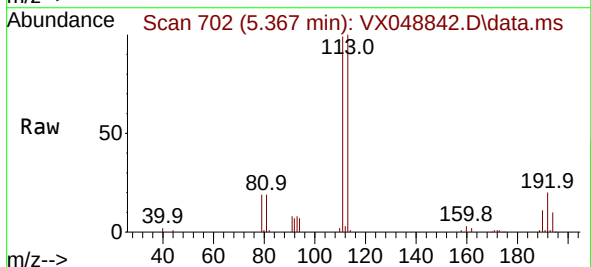
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBL01

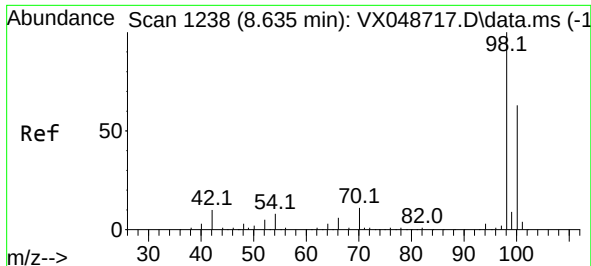
Tgt Ion:114 Resp: 331453  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 39.0  
88 16.0 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 47.630 ug/l  
RT: 5.367 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VX048842.D  
Acq: 12 Dec 2025 10:31

Tgt Ion:113 Resp: 108700  
Ion Ratio Lower Upper  
113 100  
111 104.3 79.5 119.3  
192 19.6 16.1 24.1

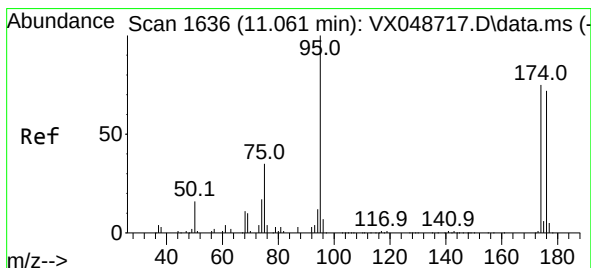
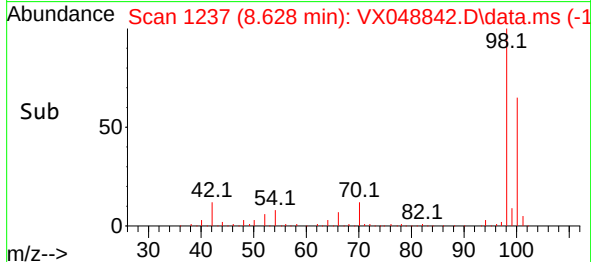
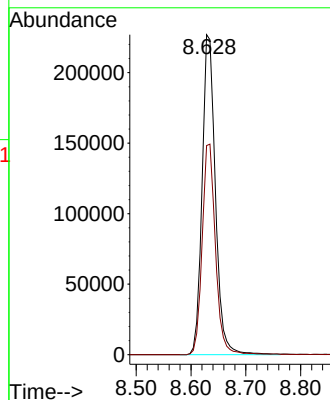
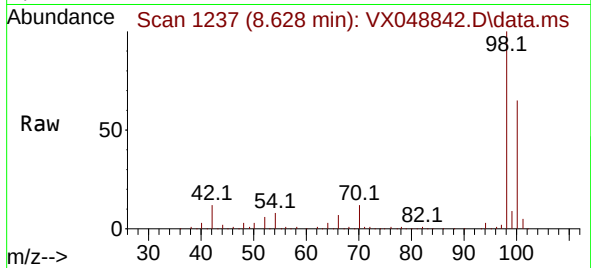




#50  
Toluene-d8  
Concen: 47.757 ug/l  
RT: 8.628 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX048842.D  
Acq: 12 Dec 2025 10:31

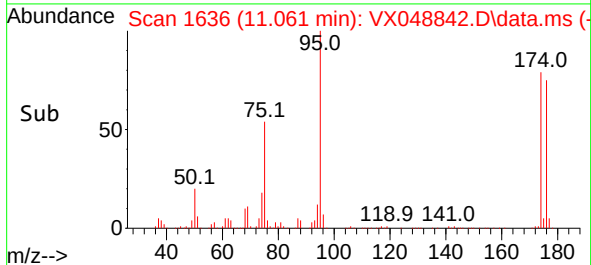
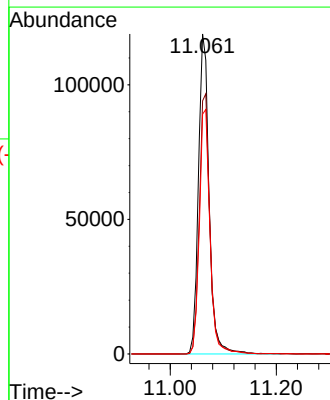
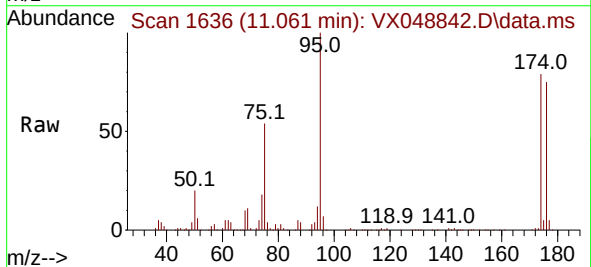
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBL01

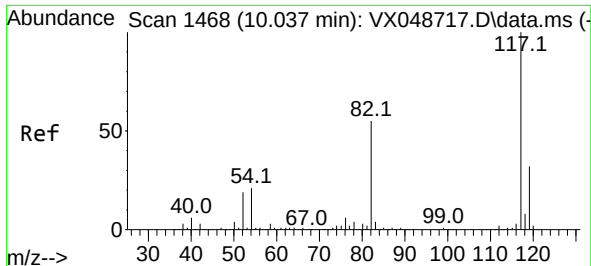
Tgt Ion: 98 Resp: 382048  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.4 80.0



#62  
4-Bromofluorobenzene  
Concen: 60.163 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048842.D  
Acq: 12 Dec 2025 10:31

Tgt Ion: 95 Resp: 165963  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 157.8  
176 76.5 0.0 154.0

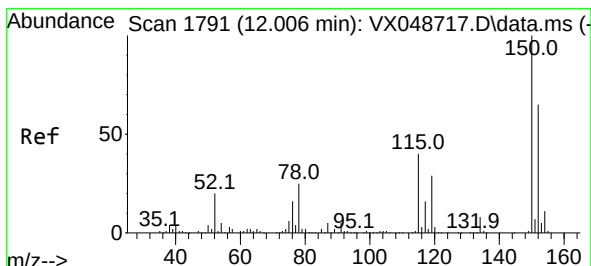
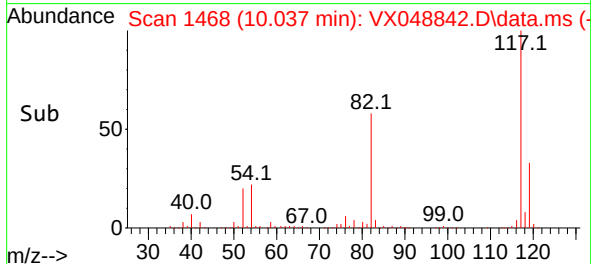
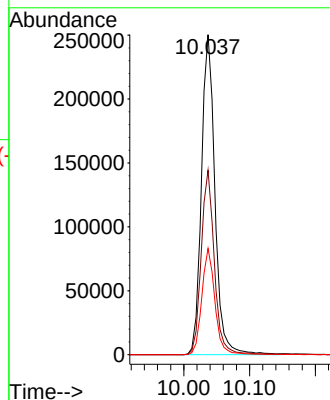
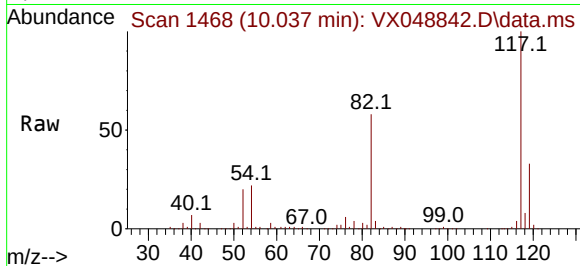




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048842.D  
Acq: 12 Dec 2025 10:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1212WBL01

Tgt Ion:117 Resp: 357991  
Ion Ratio Lower Upper  
117 100  
82 57.6 44.1 66.1  
119 33.2 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.000 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: VX048842.D  
Acq: 12 Dec 2025 10:31

Tgt Ion:152 Resp: 186392  
Ion Ratio Lower Upper  
152 100  
115 58.9 42.1 126.4  
150 158.1 0.0 347.8

