

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111425\  
 Data File : VX048609.D  
 Acq On : 14 Nov 2025 15:00  
 Operator : JC/MD  
 Sample : Q3643-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

Quant Time: Nov 14 22:21:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 08 05:08:11 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.538  | 168  | 170242   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.751  | 114  | 262793   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 276084   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 147078   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 123174   | 51.924   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 103.840% |
| 35) Dibromofluoromethane    | 5.373  | 113   | 114145   | 57.389   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 114.780% |
| 50) Toluene-d8              | 8.635  | 98    | 308613   | 49.750   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 99.500%  |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 131774   | 57.001   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 114.000% |

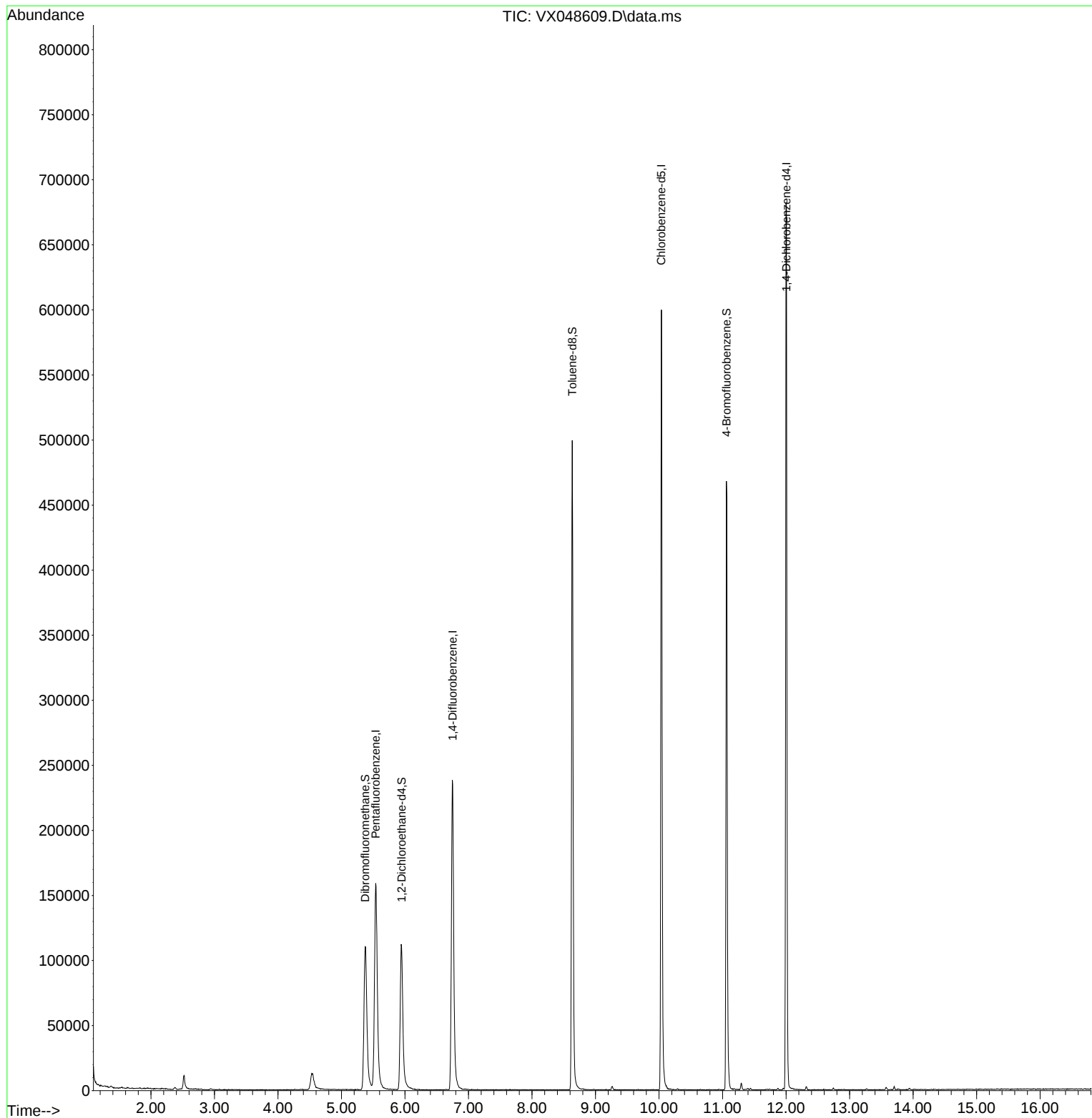
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

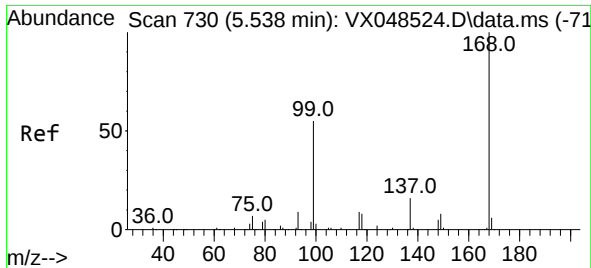
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 08 05:08:11 2025  
Response via : Initial Calibration

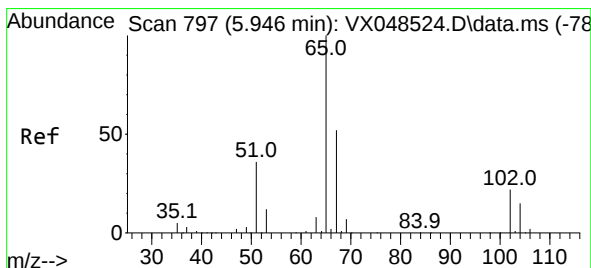
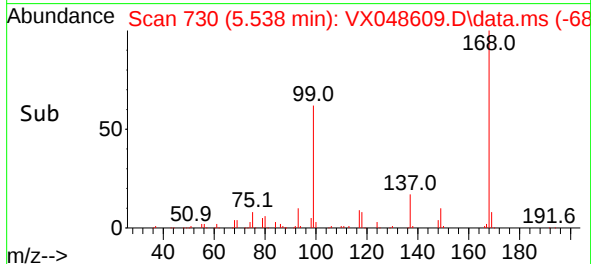
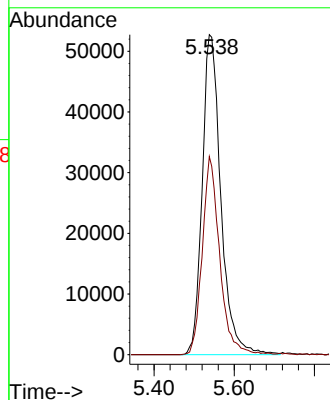
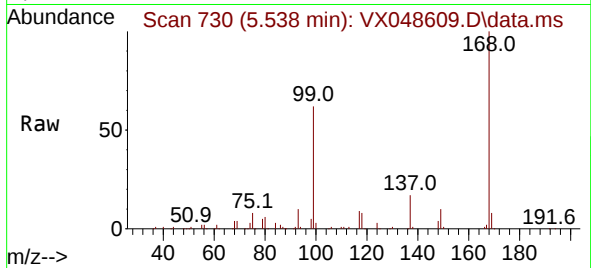




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048609.D  
Acq: 14 Nov 2025 15:00

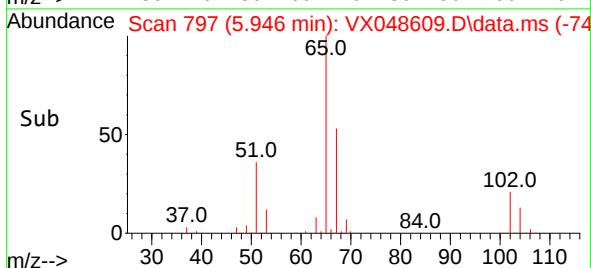
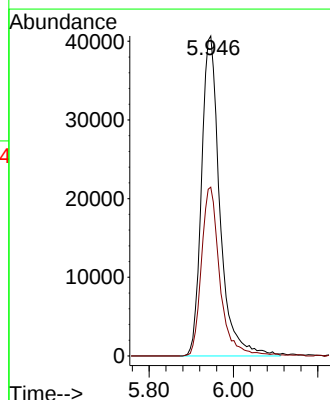
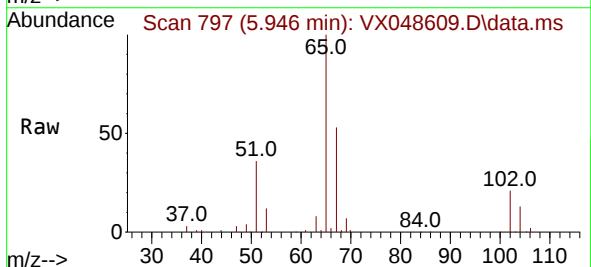
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

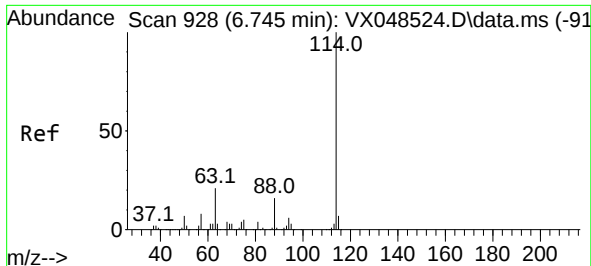
Tgt Ion:168 Resp: 170242  
Ion Ratio Lower Upper  
168 100  
99 61.9 45.2 67.8



#33  
1,2-Dichloroethane-d4  
Concen: 51.924 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: VX048609.D  
Acq: 14 Nov 2025 15:00

Tgt Ion: 65 Resp: 123174  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 106.2

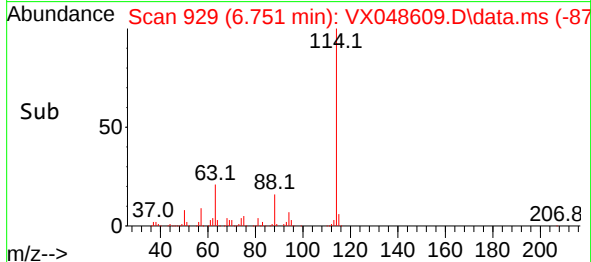
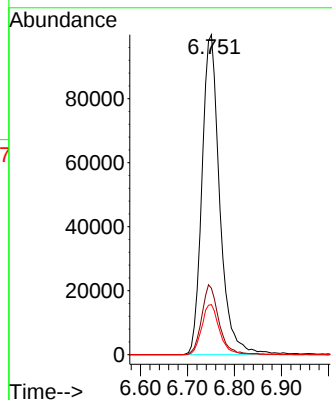
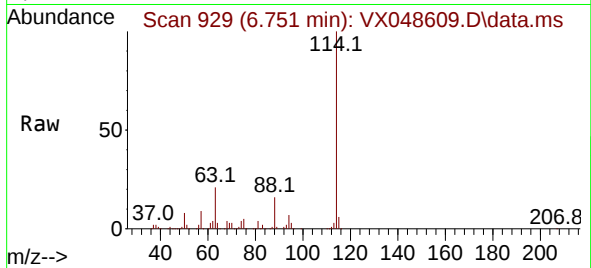




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX048609.D  
Acq: 14 Nov 2025 15:00

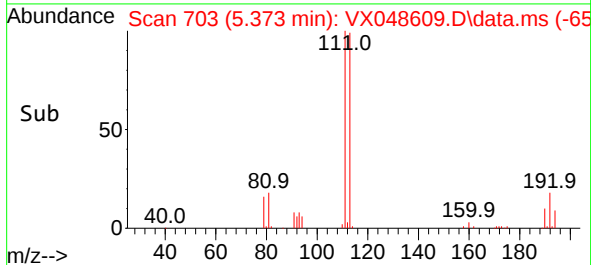
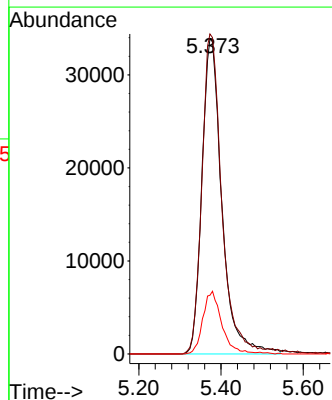
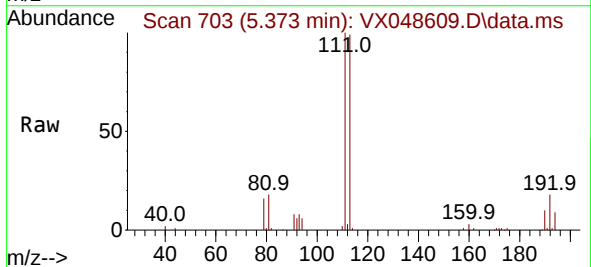
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

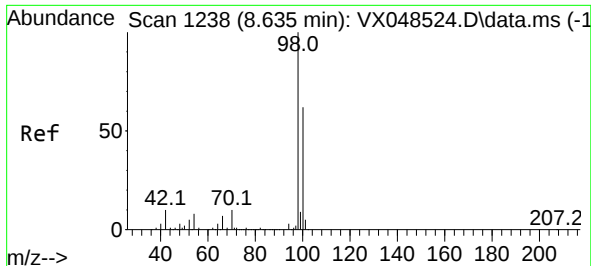
Tgt Ion:114 Resp: 262793  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 41.2  
88 15.7 0.0 32.2



#35  
Dibromofluoromethane  
Concen: 57.389 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX048609.D  
Acq: 14 Nov 2025 15:00

Tgt Ion:113 Resp: 114145  
Ion Ratio Lower Upper  
113 100  
111 100.5 81.9 122.9  
192 18.8 15.8 23.6

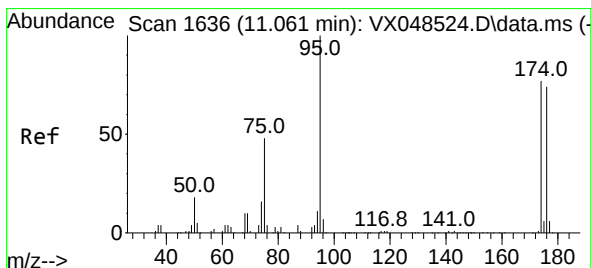
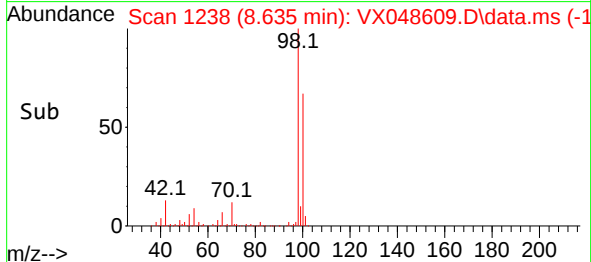
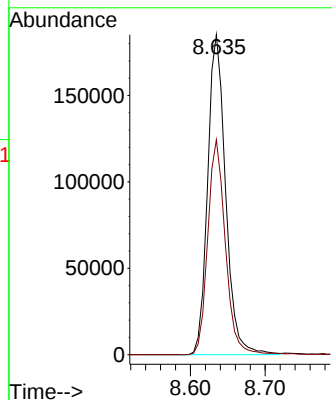
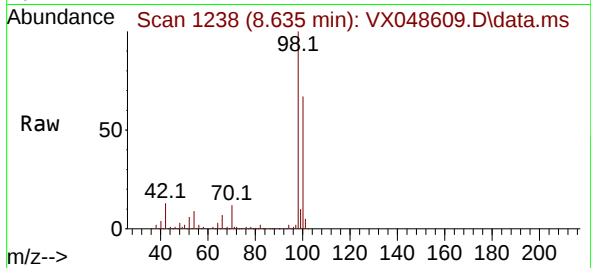




#50  
Toluene-d8  
Concen: 49.750 ug/l  
RT: 8.635 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048609.D  
Acq: 14 Nov 2025 15:00

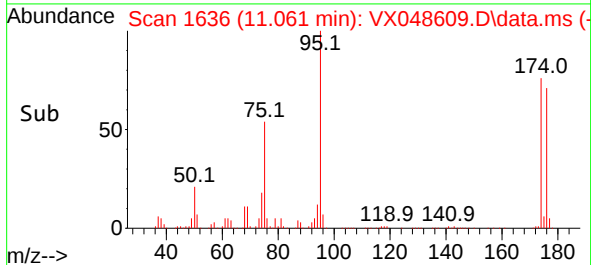
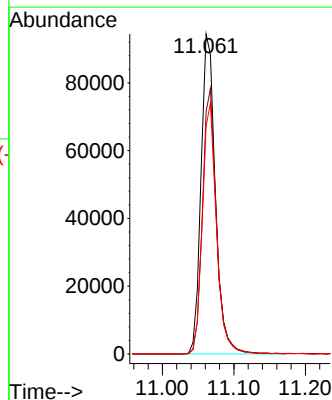
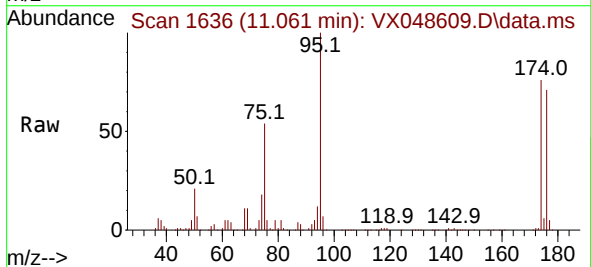
Instrument :  
MSVOA\_X  
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STORAGE-BLANK-WATER-REF-5

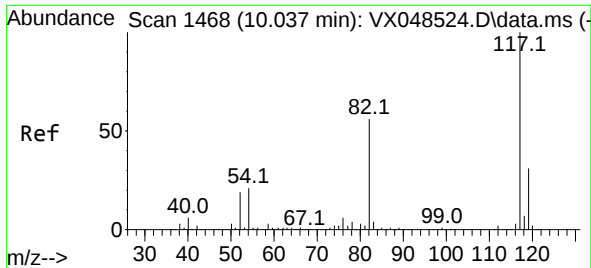
Tgt Ion: 98 Resp: 308613  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 57.001 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048609.D  
Acq: 14 Nov 2025 15:00

Tgt Ion: 95 Resp: 131774  
Ion Ratio Lower Upper  
95 100  
174 80.8 0.0 161.8  
176 77.2 0.0 153.6

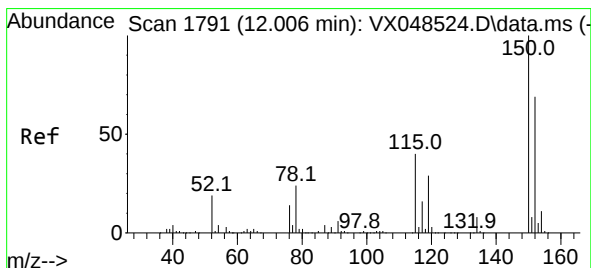
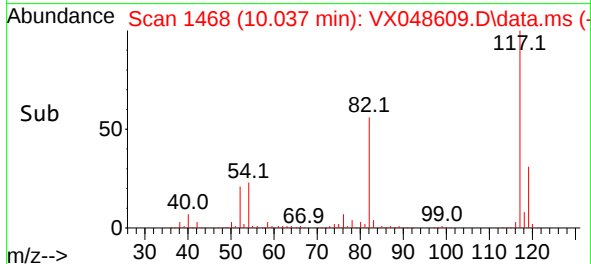
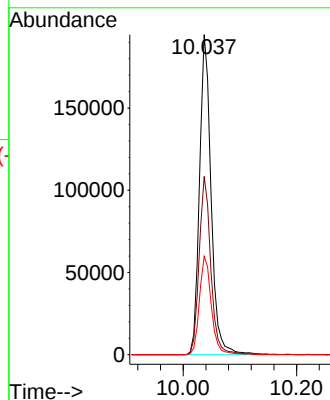
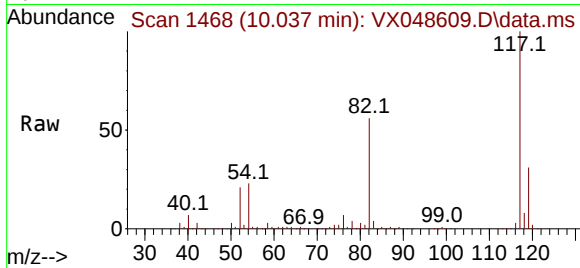




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048609.D  
Acq: 14 Nov 2025 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 276084  
Ion Ratio Lower Upper  
117 100  
82 55.7 44.4 66.6  
119 30.7 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX048609.D  
Acq: 14 Nov 2025 15:00

Tgt Ion:152 Resp: 147078  
Ion Ratio Lower Upper  
152 100  
115 58.5 39.2 117.6  
150 156.2 0.0 347.0

