

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080125\  
 Data File : VX047209.D  
 Acq On : 01 Aug 2025 16:23  
 Operator : JC/MD  
 Sample : Q2744-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 02 00:27:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------------|----------|
| -----                       |        |       |          |          |             |          |
| Internal Standards          |        |       |          |          |             |          |
| 1) Pentafluorobenzene       | 5.568  | 168   | 262356   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 449740   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 402679   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 207141   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 194027   | 59.370   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 118.740%# |          |
| 35) Dibromofluoromethane    | 5.397  | 113   | 163415   | 58.849   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 117.700%  |          |
| 50) Toluene-d8              | 8.652  | 98    | 493171   | 54.841   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 109.680%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 232900   | 60.097   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 120.200%  |          |

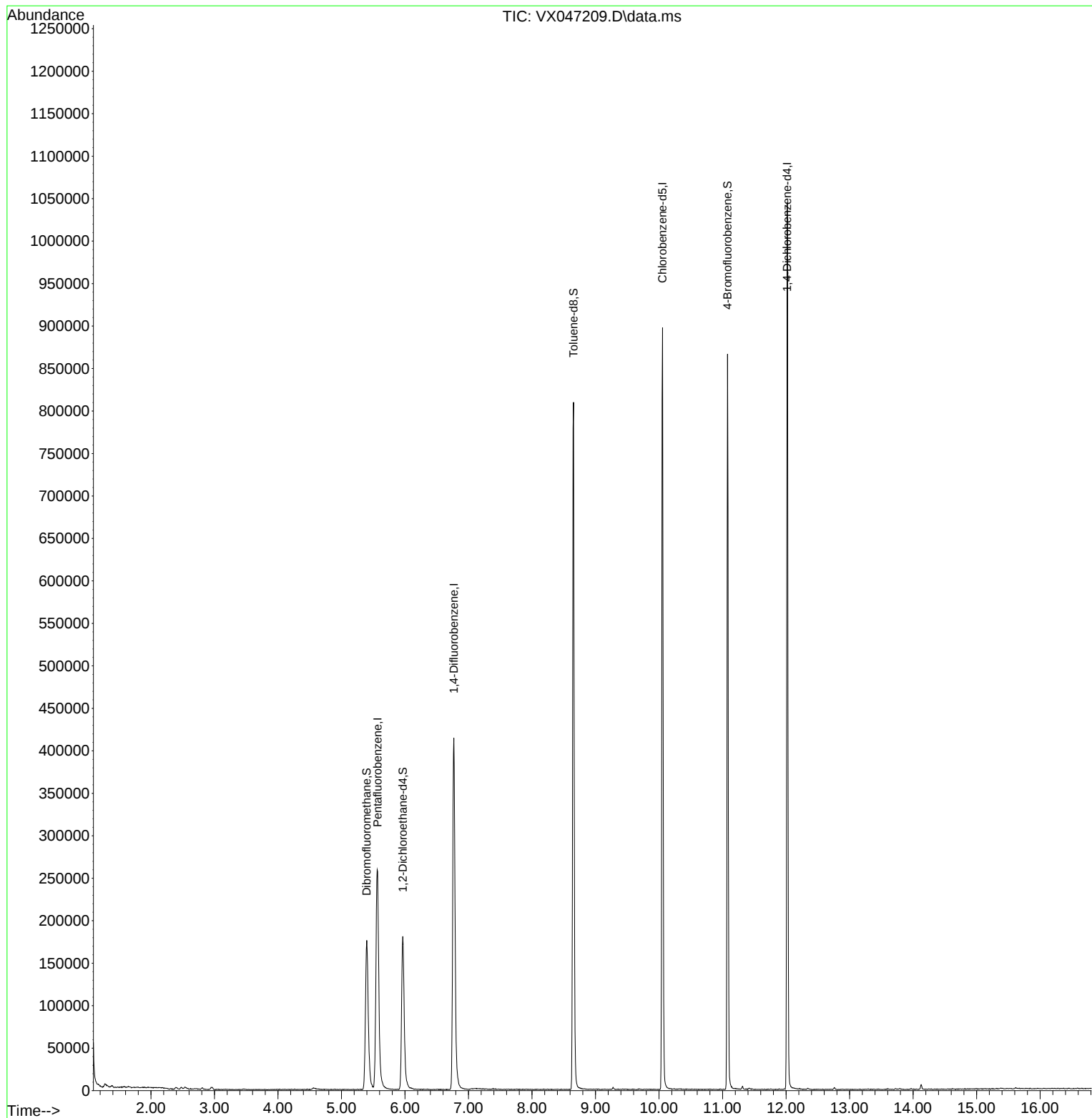
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

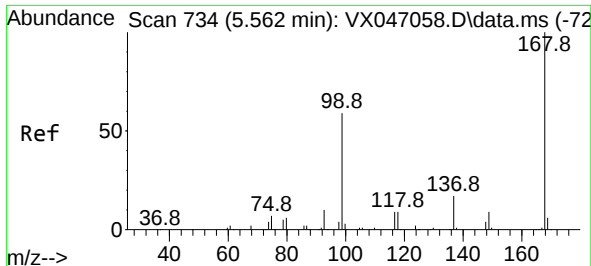
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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

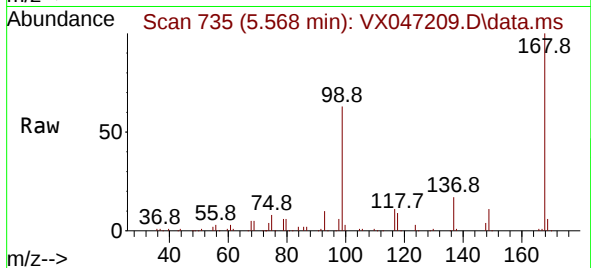
Quant Time: Aug 02 00:27:32 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 22 03:59:51 2025  
Response via : Initial Calibration



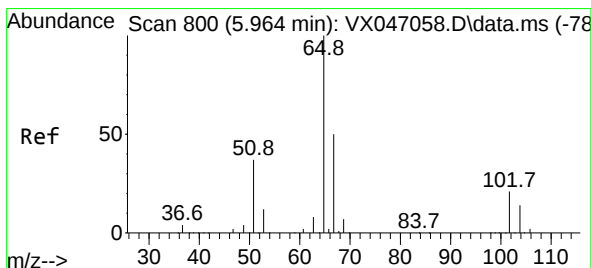
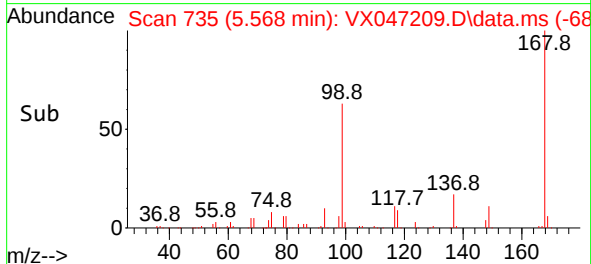
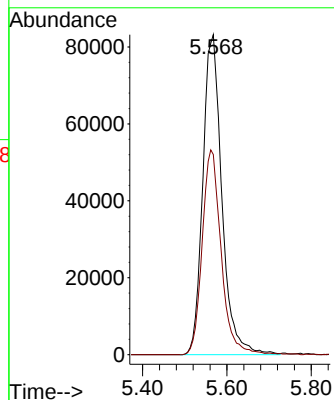


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX047209.D  
Acq: 01 Aug 2025 16:23

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

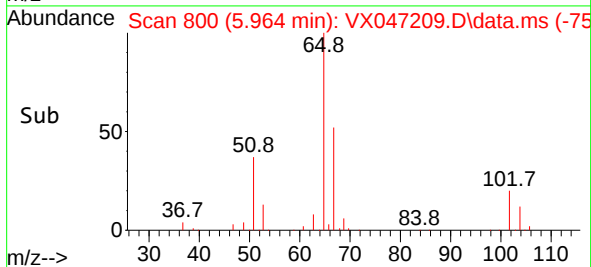
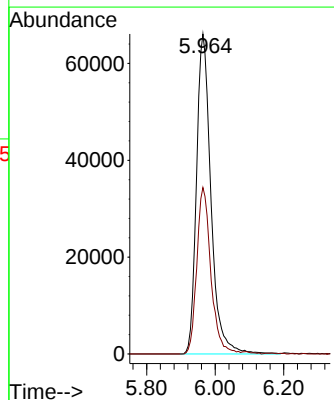
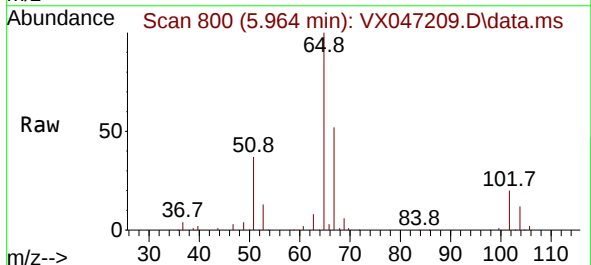


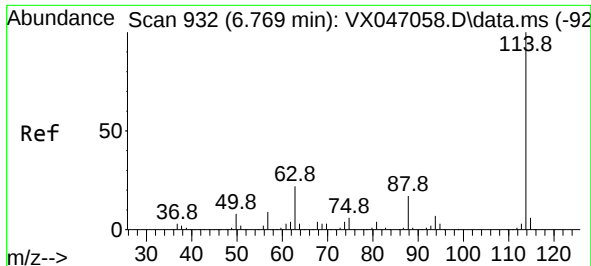
Tgt Ion:168 Resp: 262356  
Ion Ratio Lower Upper  
168 100  
99 62.6 48.0 72.0



#33  
1,2-Dichloroethane-d4  
Concen: 59.370 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VX047209.D  
Acq: 01 Aug 2025 16:23

Tgt Ion: 65 Resp: 194027  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 104.8

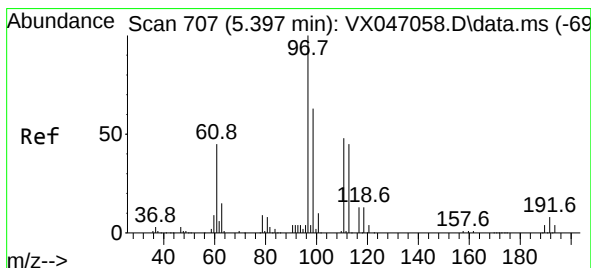
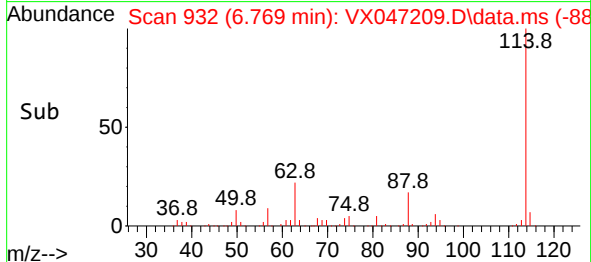
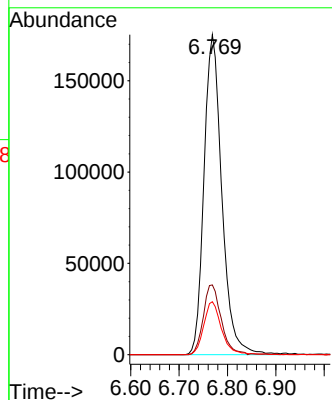
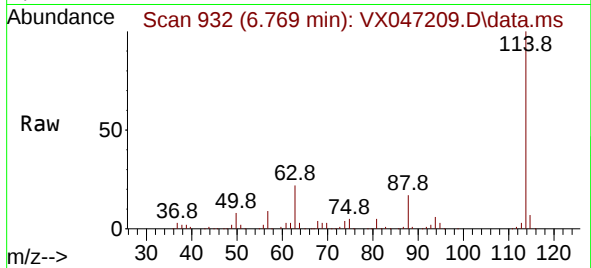




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX047209.D  
Acq: 01 Aug 2025 16:23

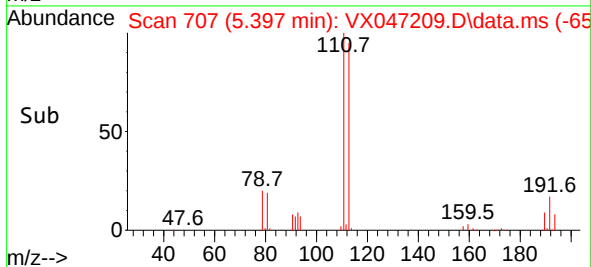
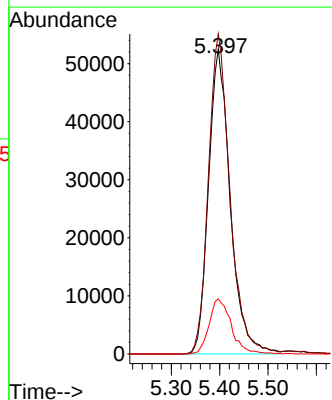
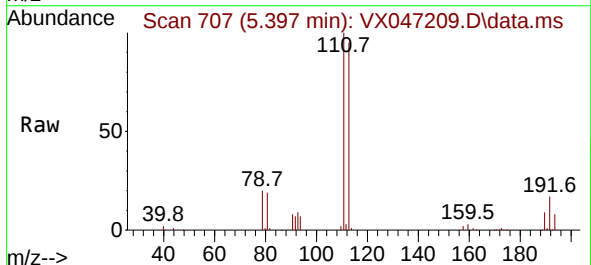
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

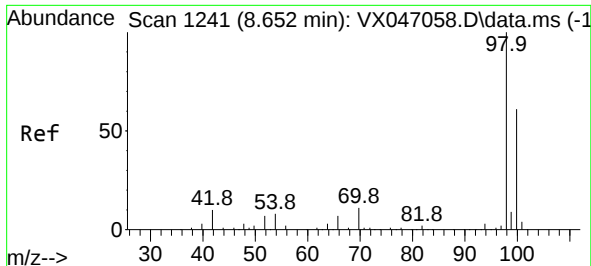
Tgt Ion:114 Resp: 449740  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 43.2  
88 16.5 0.0 33.8



#35  
Dibromofluoromethane  
Concen: 58.849 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VX047209.D  
Acq: 01 Aug 2025 16:23

Tgt Ion:113 Resp: 163415  
Ion Ratio Lower Upper  
113 100  
111 104.5 82.6 124.0  
192 18.5 14.9 22.3

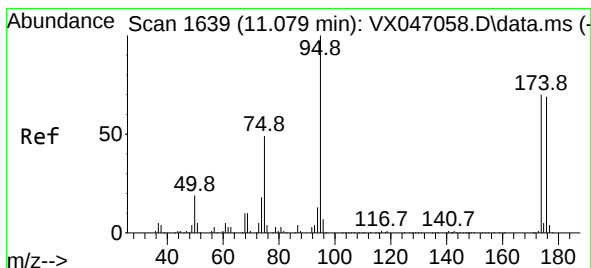
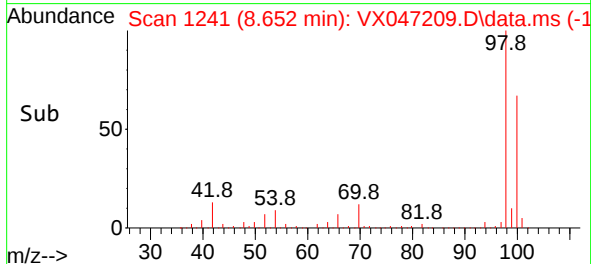
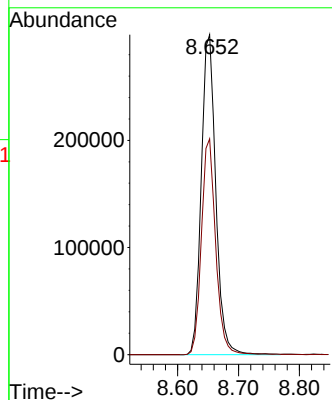
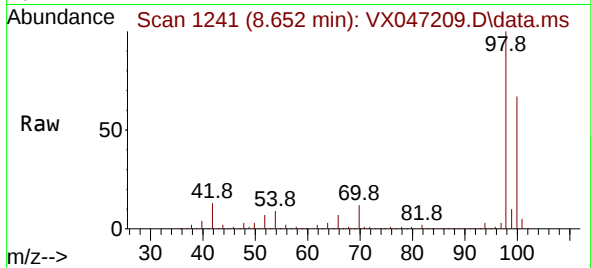




#50  
Toluene-d8  
Concen: 54.841 ug/l  
RT: 8.652 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX047209.D  
Acq: 01 Aug 2025 16:23

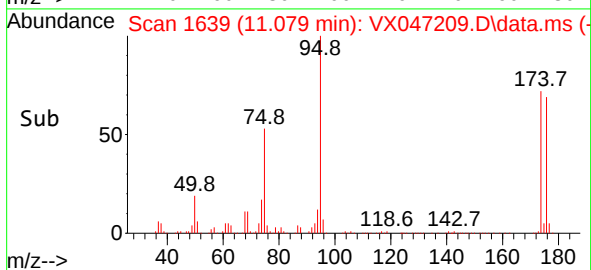
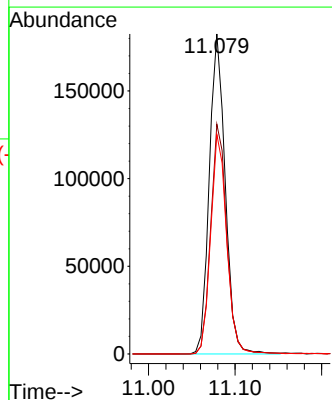
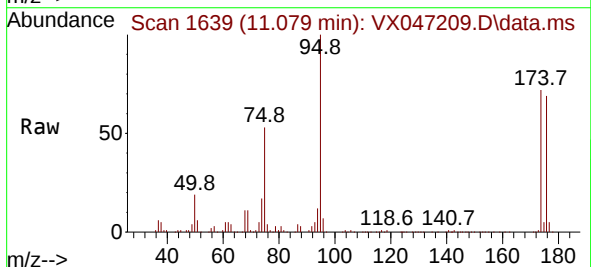
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

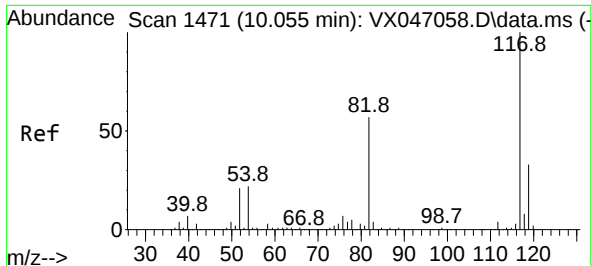
Tgt Ion: 98 Resp: 493171  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.3 79.9



#62  
4-Bromofluorobenzene  
Concen: 60.097 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX047209.D  
Acq: 01 Aug 2025 16:23

Tgt Ion: 95 Resp: 232900  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 144.6  
176 69.2 0.0 139.6

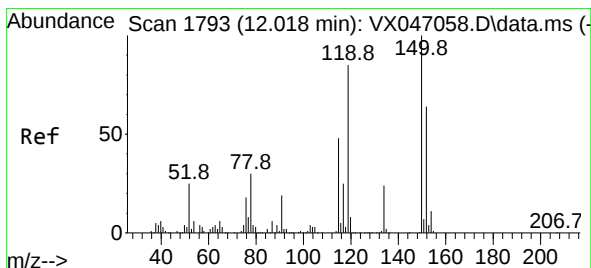
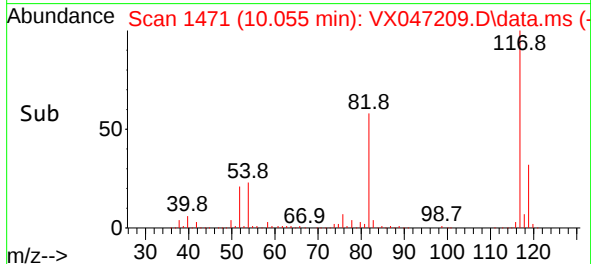
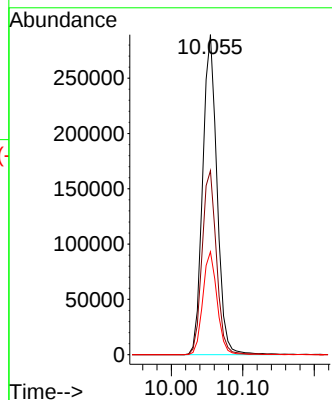
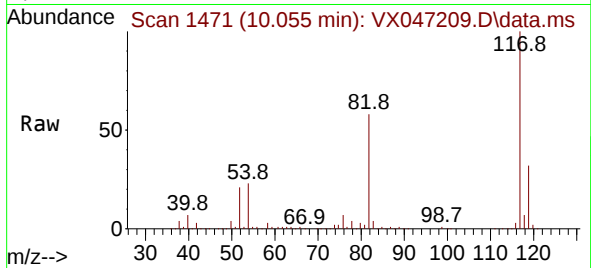




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX047209.D  
Acq: 01 Aug 2025 16:23

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

Tgt Ion:117 Resp: 402679  
Ion Ratio Lower Upper  
117 100  
82 57.5 45.4 68.2  
119 32.2 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX047209.D  
Acq: 01 Aug 2025 16:23

Tgt Ion:152 Resp: 207141  
Ion Ratio Lower Upper  
152 100  
115 62.2 45.6 136.7  
150 155.7 0.0 354.6

