

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071825\  
 Data File : VX047048.D  
 Acq On : 18 Jul 2025 14:39  
 Operator : JC/MD  
 Sample : Q2637-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 19 04:24:47 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 03 05:51:11 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 426682   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 766336   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 718184   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 332673   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 310317   | 55.051   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 110.100% |          |
| 35) Dibromofluoromethane    | 5.397  | 113   | 254444   | 48.914   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 97.820%  |          |
| 50) Toluene-d8              | 8.653  | 98    | 919453   | 50.097   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 100.200% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 366760   | 52.579   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 105.160% |          |

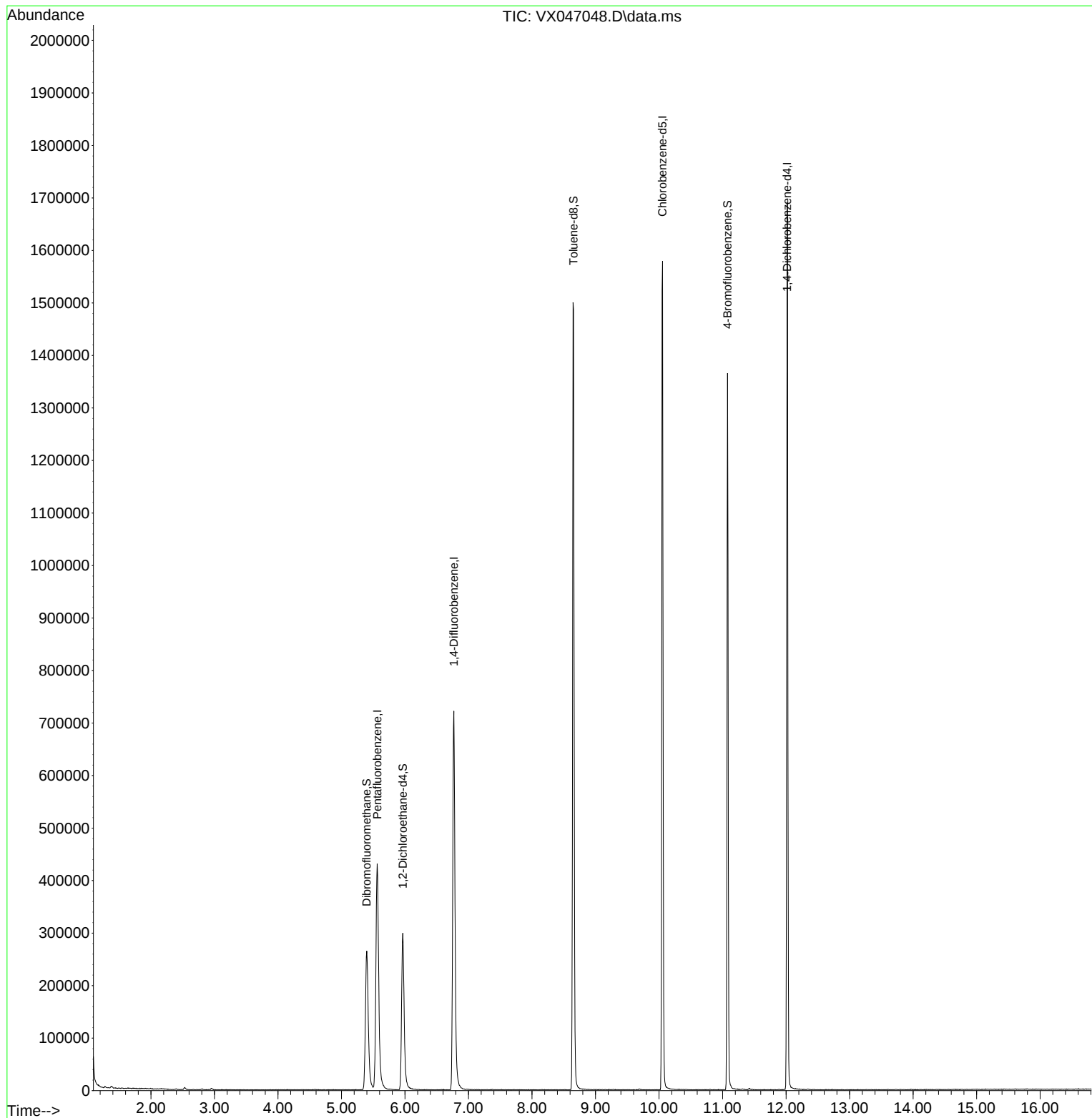
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

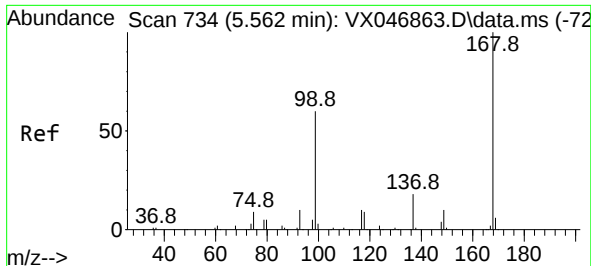
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Jul 19 04:24:47 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 03 05:51:11 2025  
Response via : Initial Calibration

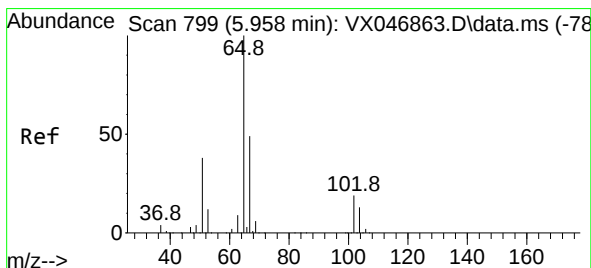
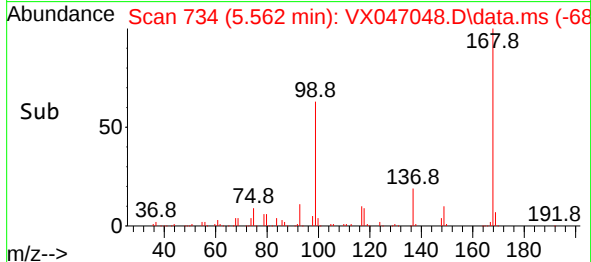
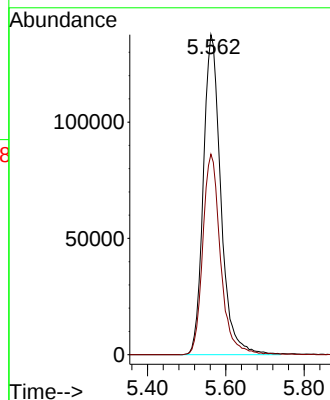
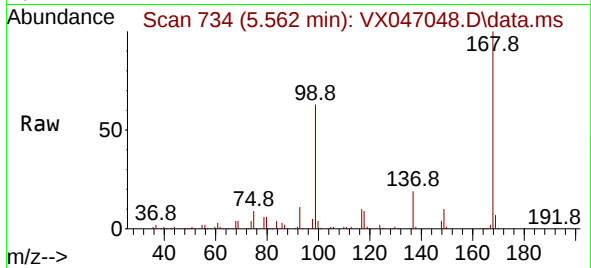




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

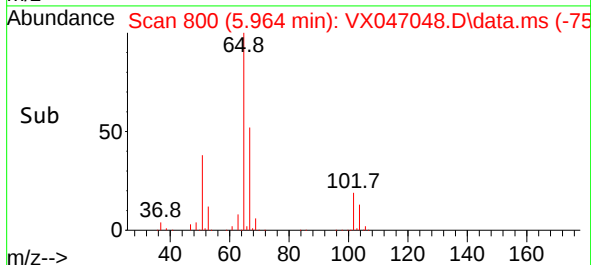
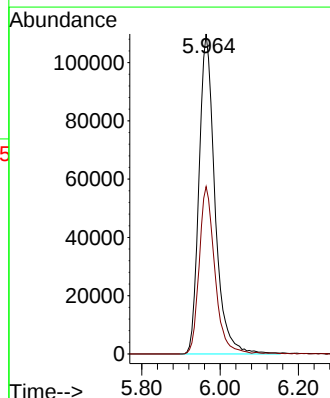
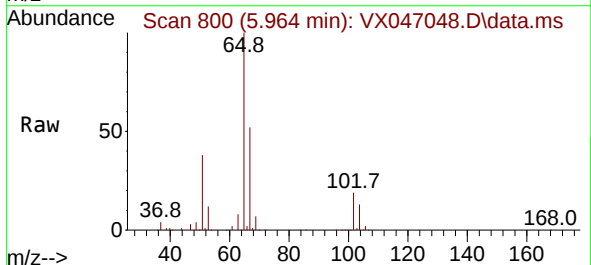
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

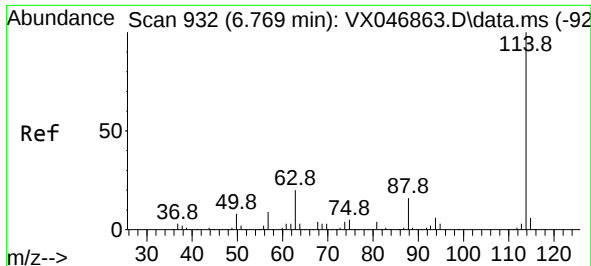
Tgt Ion:168 Resp: 426682  
Ion Ratio Lower Upper  
168 100  
99 62.6 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 55.051 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Tgt Ion: 65 Resp: 310317  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 105.2

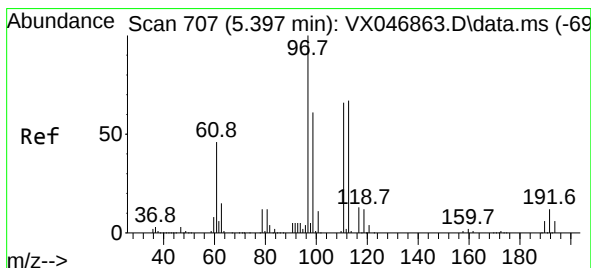
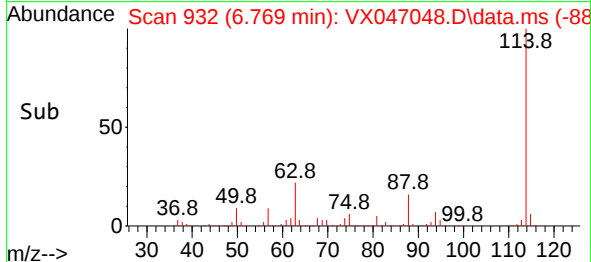
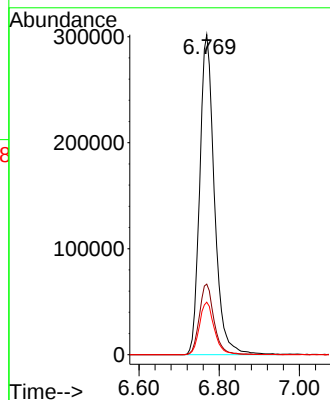
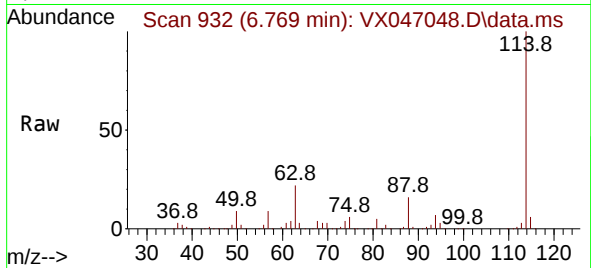




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

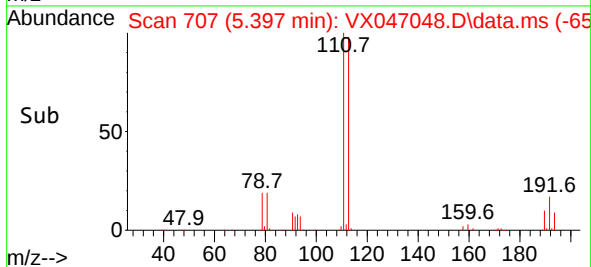
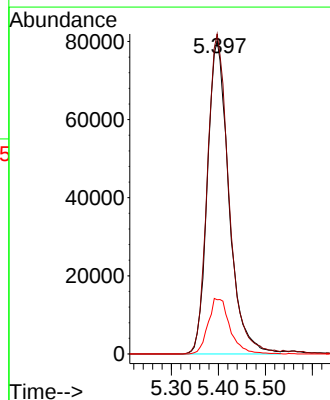
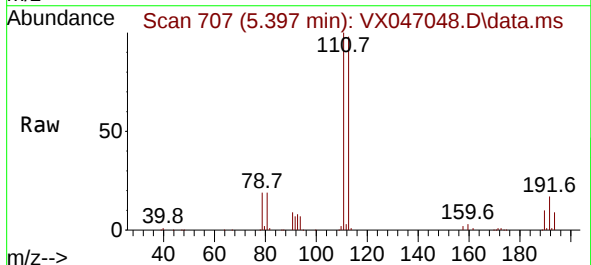
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

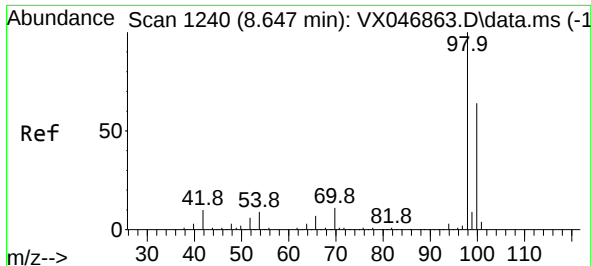
Tgt Ion:114 Resp: 766336  
Ion Ratio Lower Upper  
114 100  
63 24.9 0.0 40.4  
88 16.4 0.0 31.0



#35  
Dibromofluoromethane  
Concen: 48.914 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Tgt Ion:113 Resp: 254444  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.2 121.8  
192 18.0 15.3 22.9

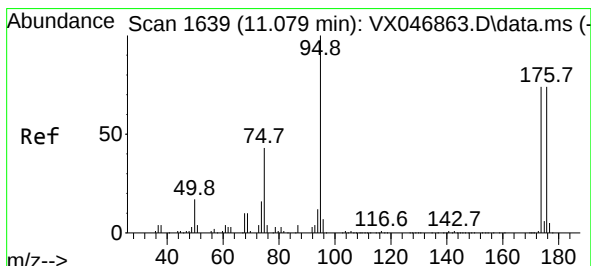
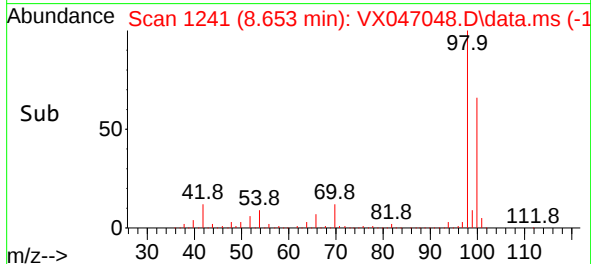
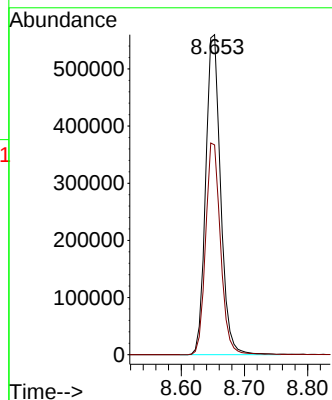
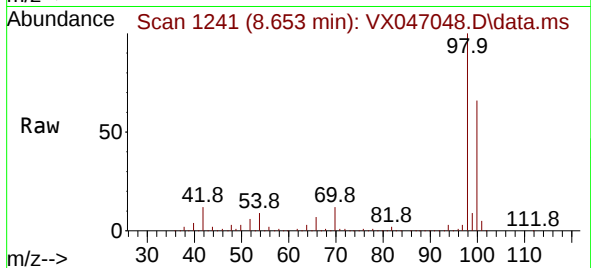




#50  
Toluene-d8  
Concen: 50.097 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

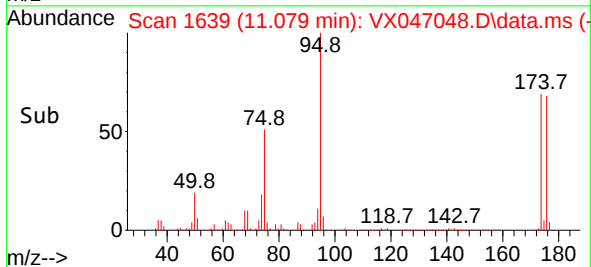
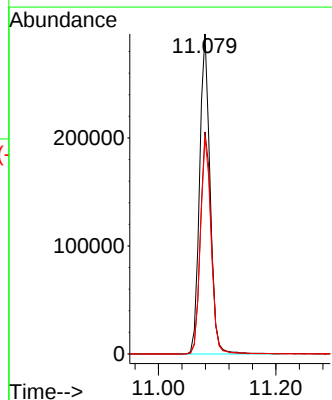
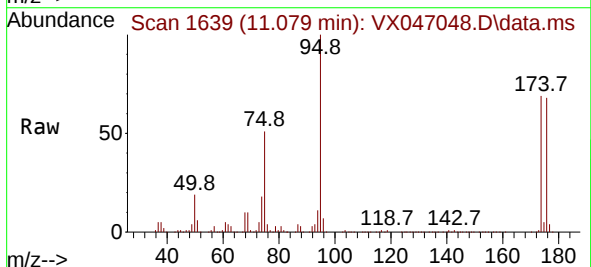
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

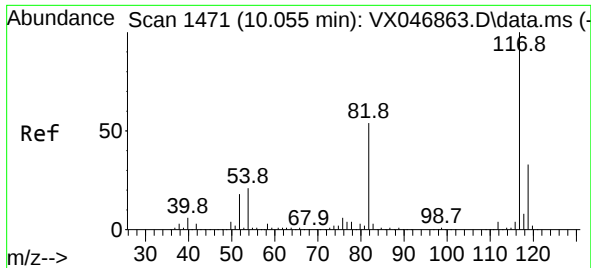
Tgt Ion: 98 Resp: 919453  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 52.579 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Tgt Ion: 95 Resp: 366760  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 152.0  
176 69.0 0.0 145.2

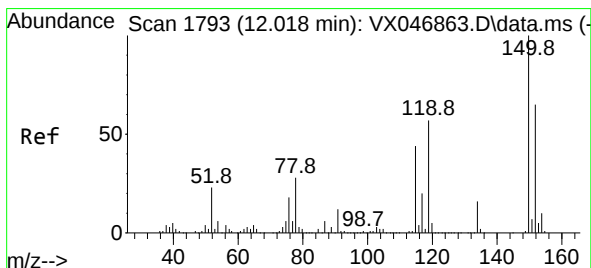
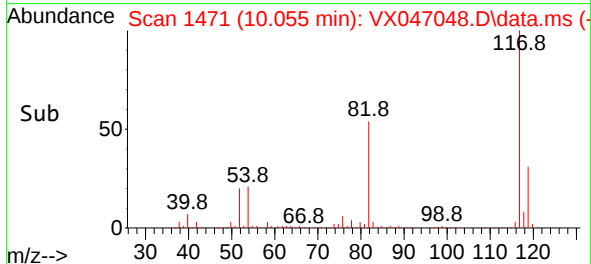
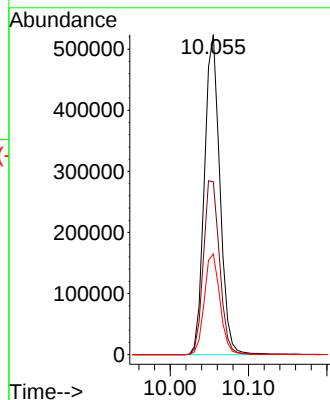
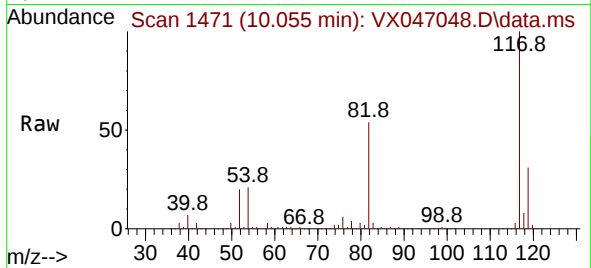




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

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

Tgt Ion:117 Resp: 718184  
Ion Ratio Lower Upper  
117 100  
82 54.1 43.3 64.9  
119 31.5 26.4 39.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX047048.D  
Acq: 18 Jul 2025 14:39

Tgt Ion:152 Resp: 332673  
Ion Ratio Lower Upper  
152 100  
115 62.3 42.4 127.1  
150 157.4 0.0 349.2

