

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070825\  
 Data File : VX046917.D  
 Acq On : 08 Jul 2025 13:45  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Jul 09 05:15:12 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 09 05:05:09 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 488080   | 50.000 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 867510   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 794307   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 386571   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 344446   | 53.419   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 106.840% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 290579   | 49.345   | ug/l | -0.01    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.700%  |
| 50) Toluene-d8              | 8.647  | 98    | 1036486  | 49.887   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 99.780%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 392049   | 49.650   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 99.300%  |

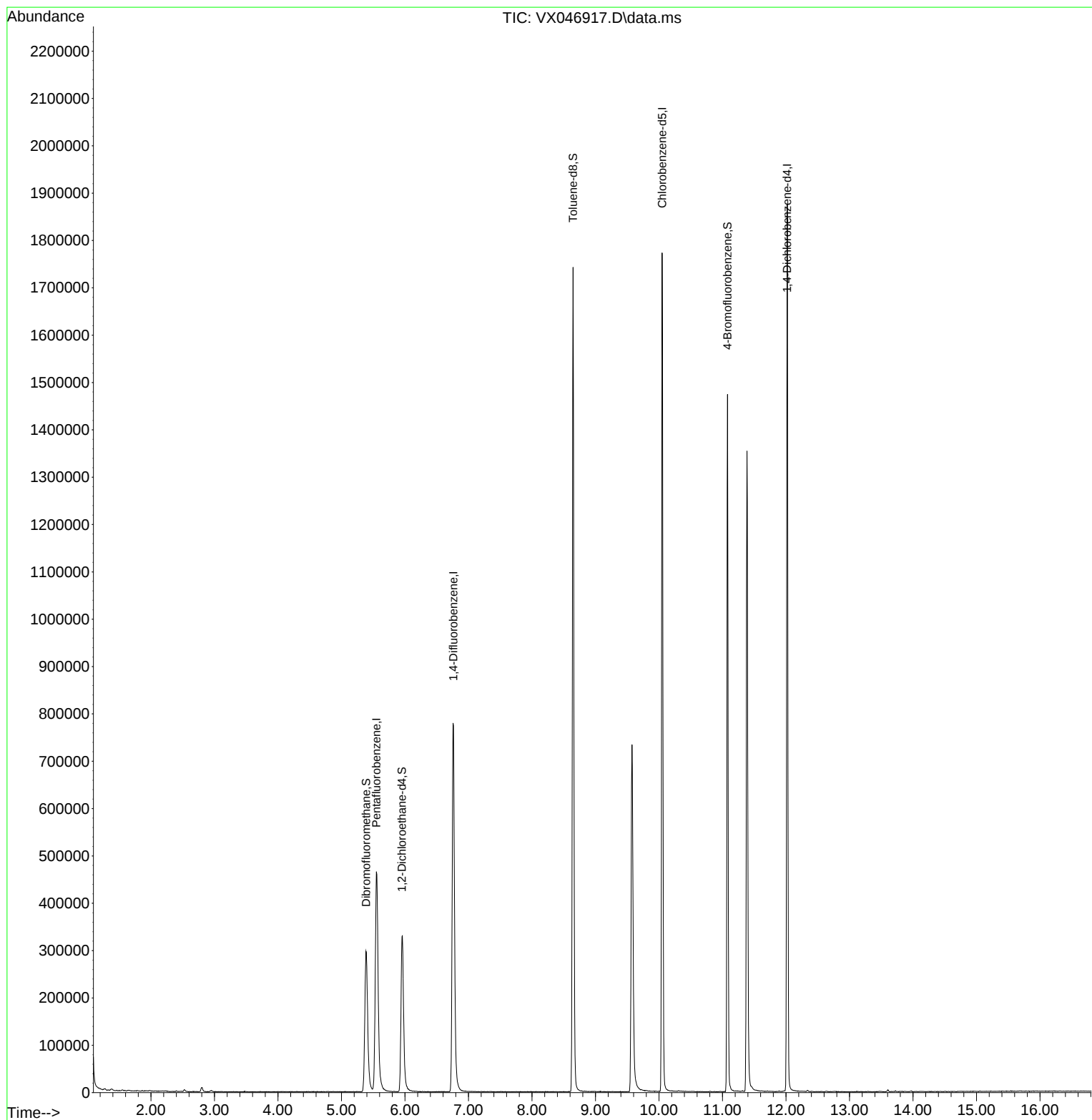
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

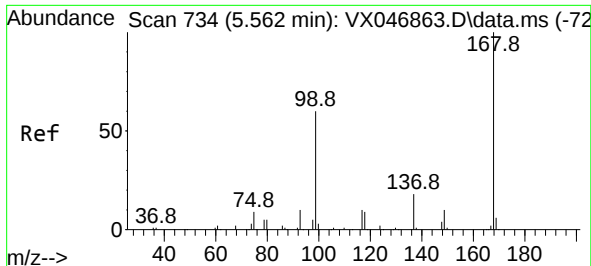
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Jul 09 05:05:09 2025  
Response via : Initial Calibration

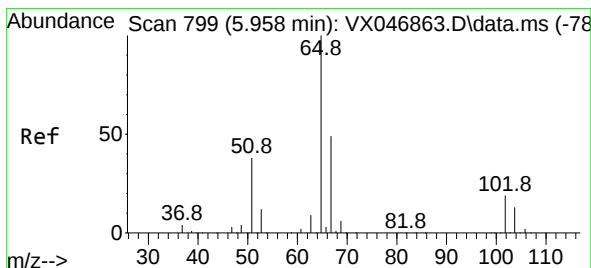
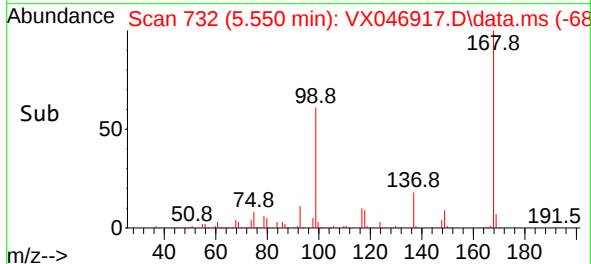
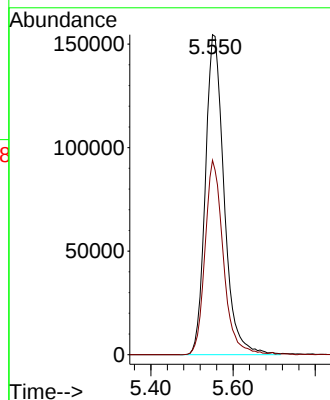
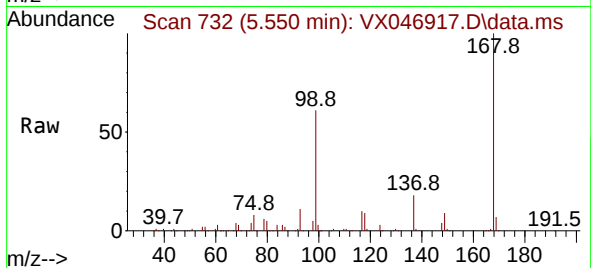




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.012 min  
Lab File: VX046917.D  
Acq: 08 Jul 2025 13:45

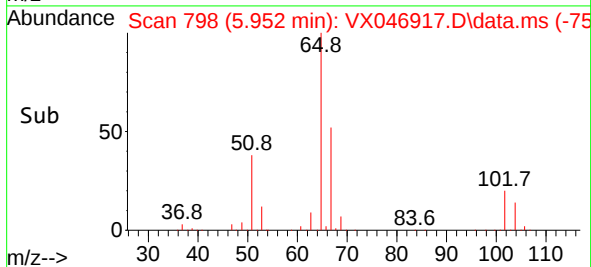
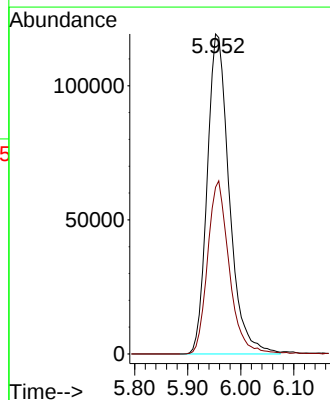
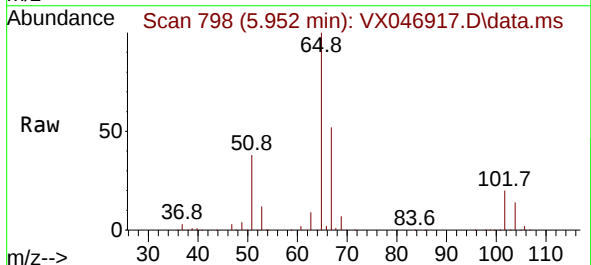
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

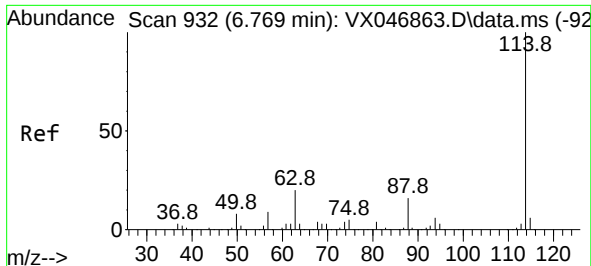
Tgt Ion:168 Resp: 488080  
Ion Ratio Lower Upper  
168 100  
99 60.7 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 53.419 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX046917.D  
Acq: 08 Jul 2025 13:45

Tgt Ion: 65 Resp: 344446  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 105.2

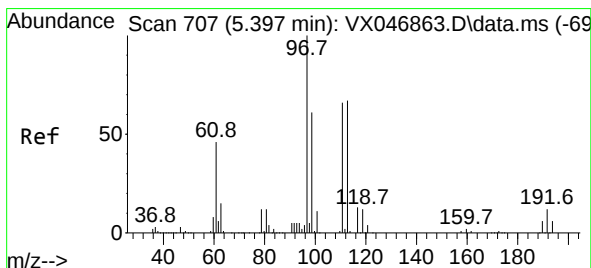
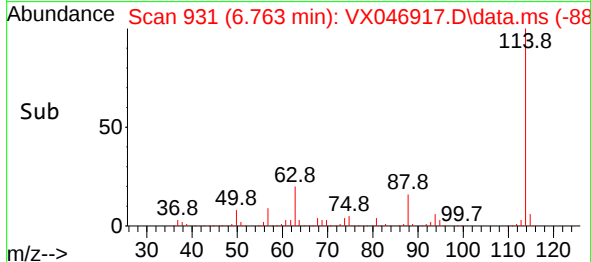
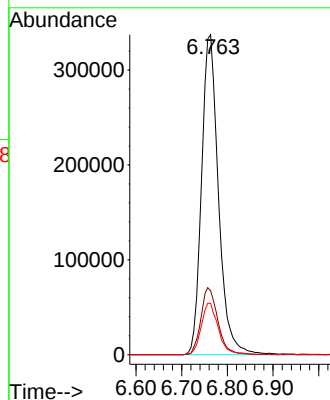
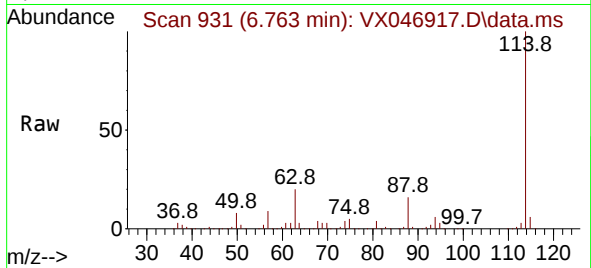




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX046917.D  
Acq: 08 Jul 2025 13:45

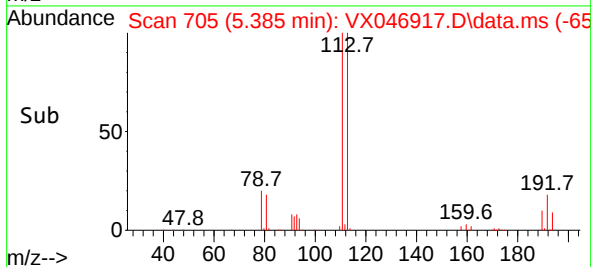
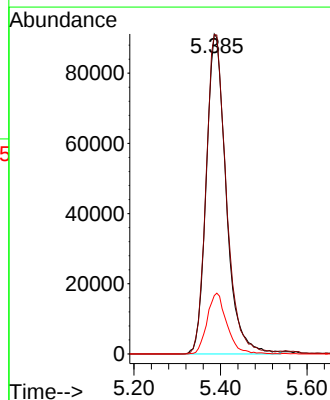
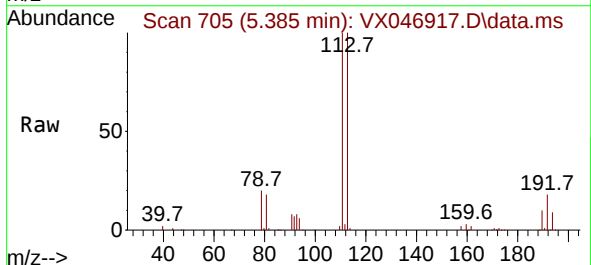
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

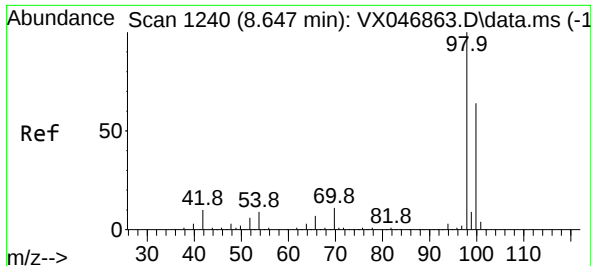
Tgt Ion:114 Resp: 867510  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 40.4  
88 16.0 0.0 31.0



#35  
Dibromofluoromethane  
Concen: 49.345 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.012 min  
Lab File: VX046917.D  
Acq: 08 Jul 2025 13:45

Tgt Ion:113 Resp: 290579  
Ion Ratio Lower Upper  
113 100  
111 101.3 81.2 121.8  
192 18.9 15.3 22.9

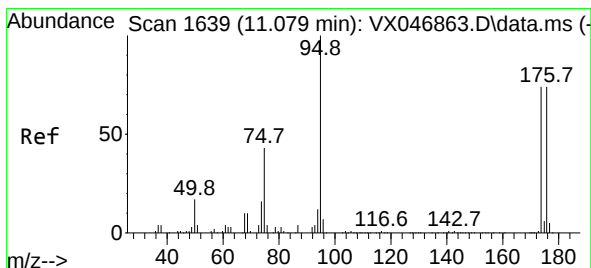
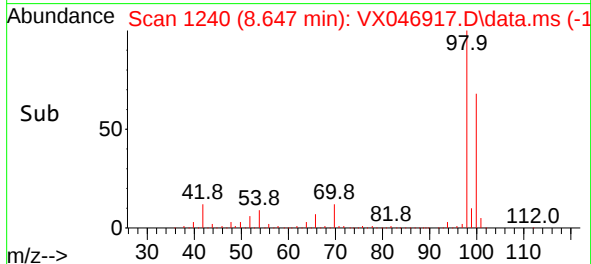
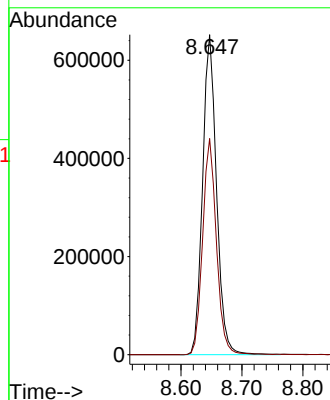
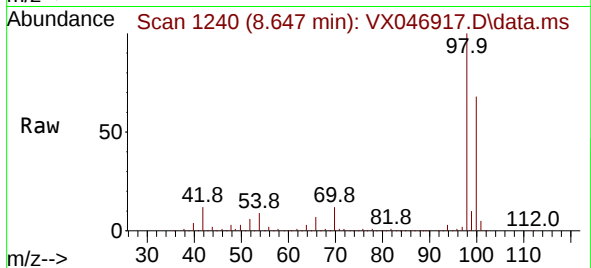




#50  
Toluene-d8  
Concen: 49.887 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX046917.D  
Acq: 08 Jul 2025 13:45

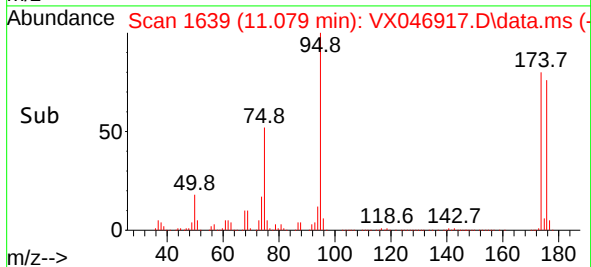
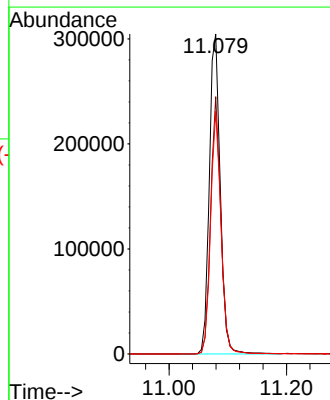
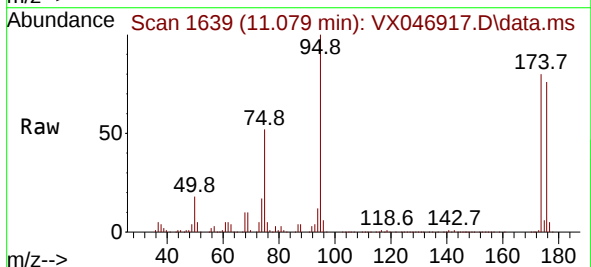
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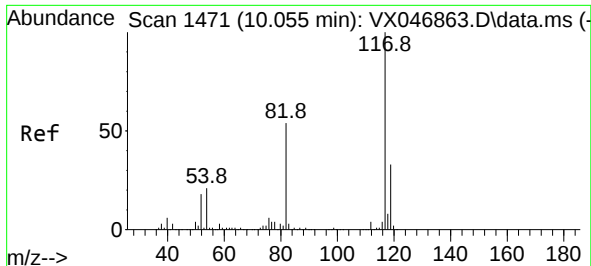
Tgt Ion: 98 Resp: 1036486  
Ion Ratio Lower Upper  
98 100  
100 66.8 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 49.650 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046917.D  
Acq: 08 Jul 2025 13:45

Tgt Ion: 95 Resp: 392049  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 152.0  
176 72.5 0.0 145.2

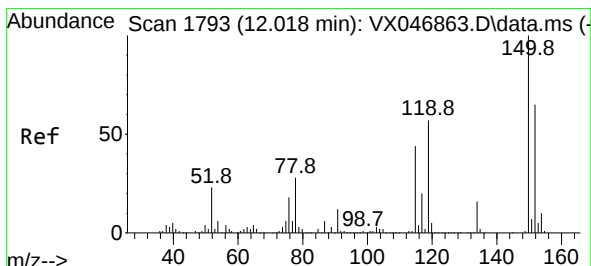
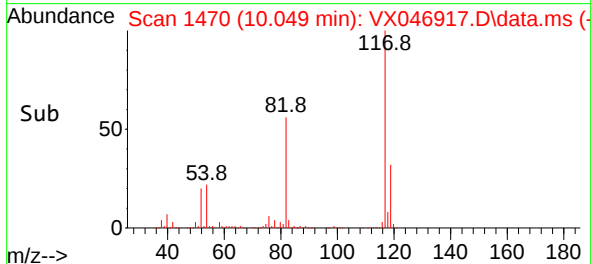
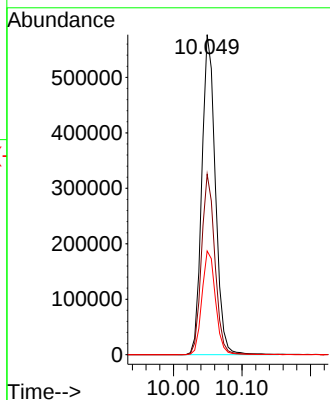
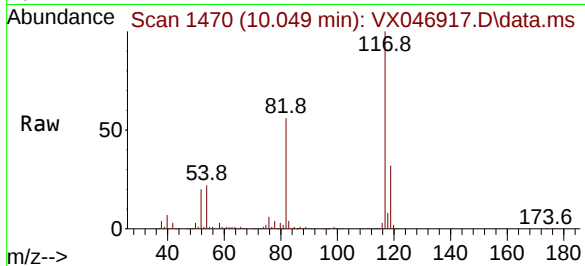




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX046917.D  
Acq: 08 Jul 2025 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 794307  
Ion Ratio Lower Upper  
117 100  
82 56.4 43.3 64.9  
119 32.4 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: VX046917.D  
Acq: 08 Jul 2025 13:45

Tgt Ion:152 Resp: 386571  
Ion Ratio Lower Upper  
152 100  
115 60.4 42.4 127.1  
150 157.1 0.0 349.2

