

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061025\  
 Data File : VX046600.D  
 Acq On : 10 Jun 2025 14:16  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Jun 11 01:47:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 06 16:56:12 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 108282   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 217498   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 224366   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 113620   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 97637    | 50.682   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 101.360% |
| 35) Dibromofluoromethane    | 5.403  | 113   | 78975    | 49.376   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.760%  |
| 50) Toluene-d8              | 8.653  | 98    | 287157   | 54.455   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 108.920% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 121630   | 55.748   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 111.500% |

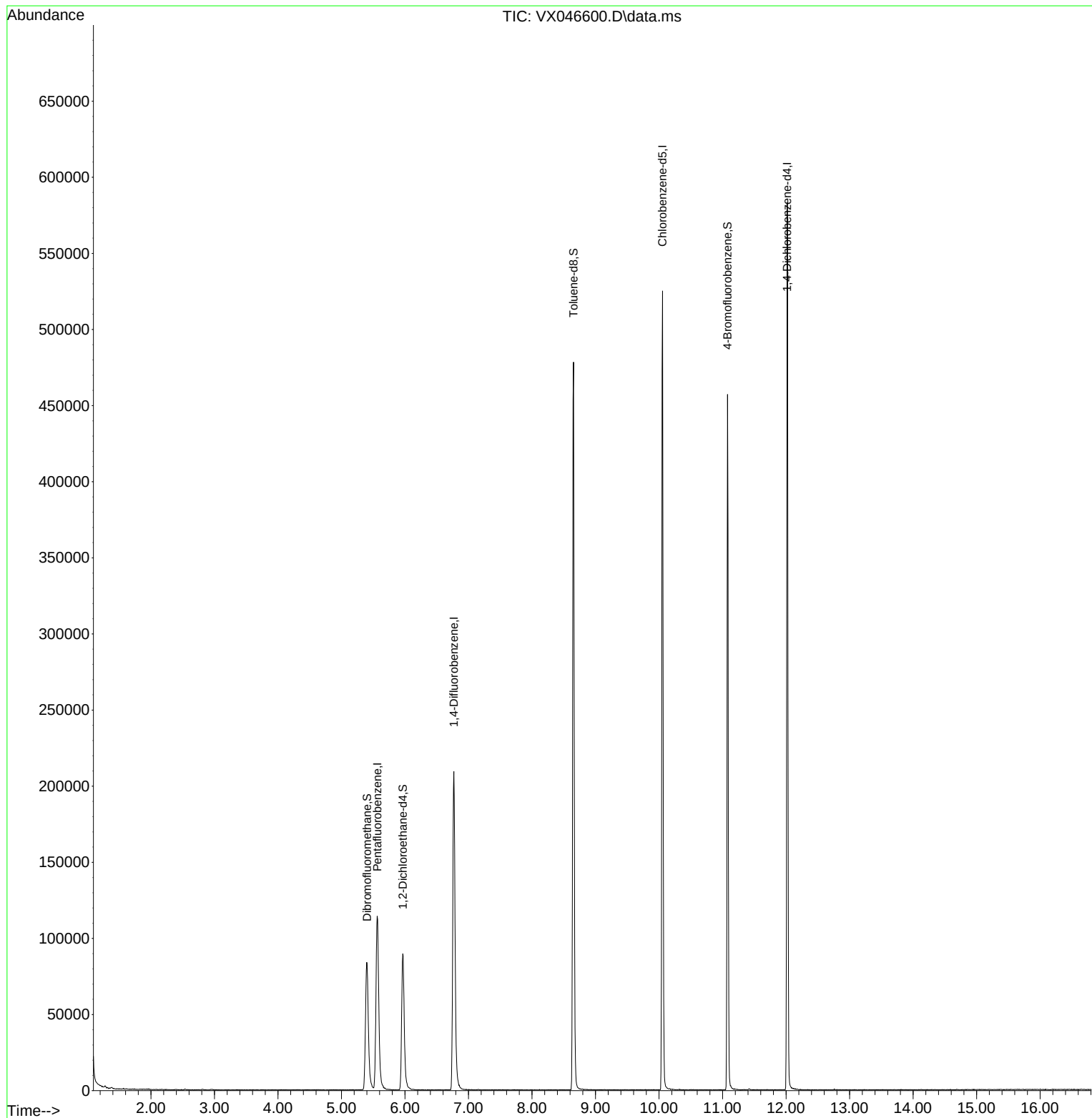
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

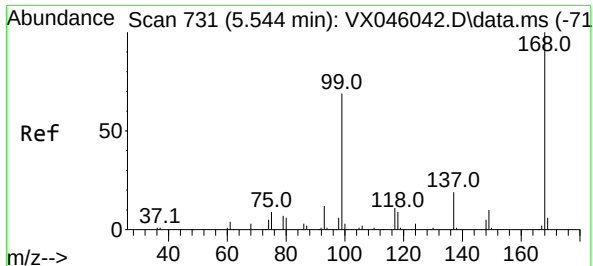
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Jun 11 01:47:52 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 06 16:56:12 2025  
Response via : Initial Calibration

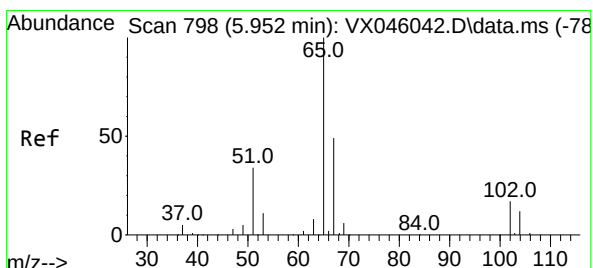
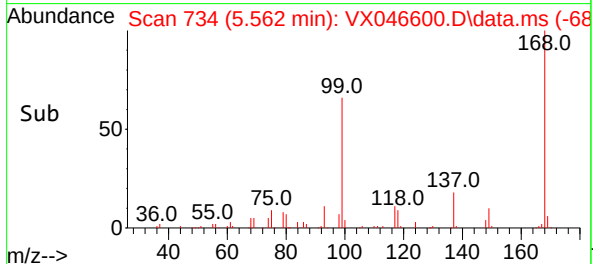
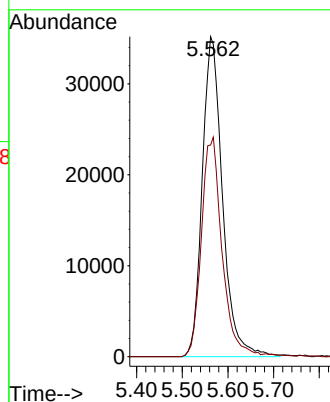
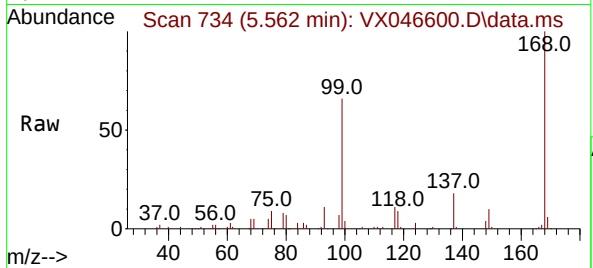




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX046600.D  
Acq: 10 Jun 2025 14:16

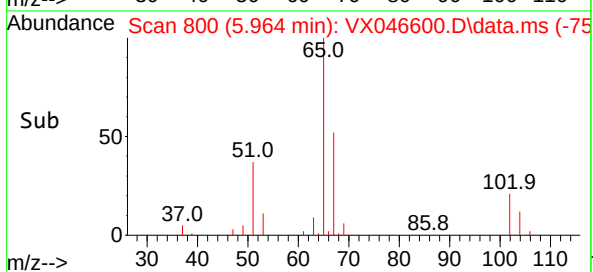
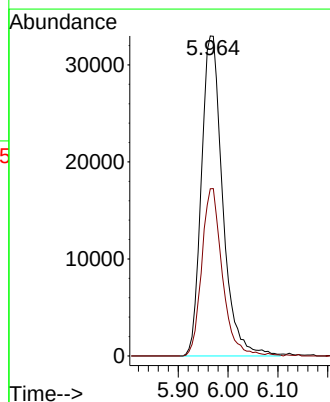
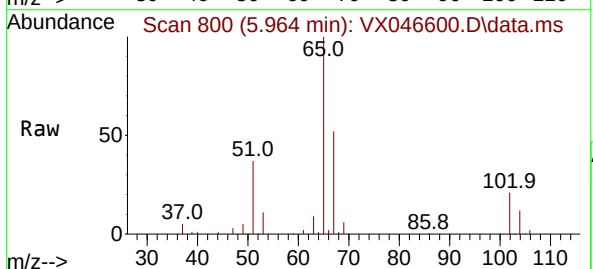
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

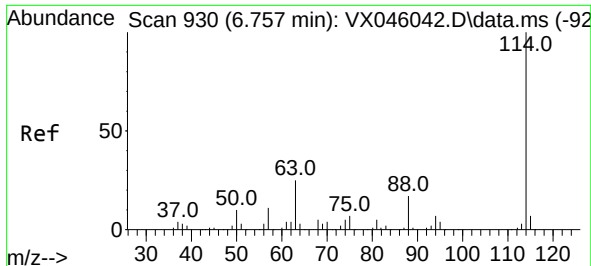
Tgt Ion:168 Resp: 108282  
Ion Ratio Lower Upper  
168 100  
99 66.2 54.9 82.3



#33  
1,2-Dichloroethane-d4  
Concen: 50.682 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: VX046600.D  
Acq: 10 Jun 2025 14:16

Tgt Ion: 65 Resp: 97637  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 99.0

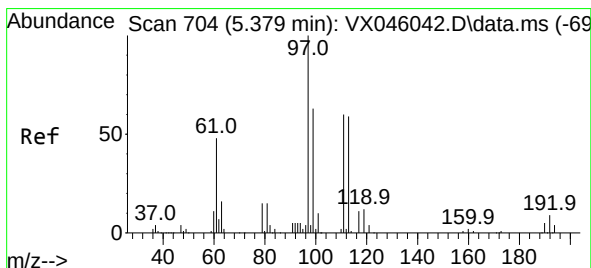
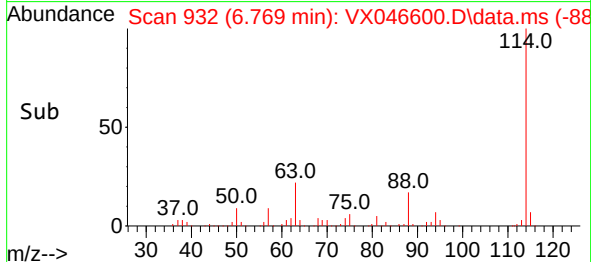
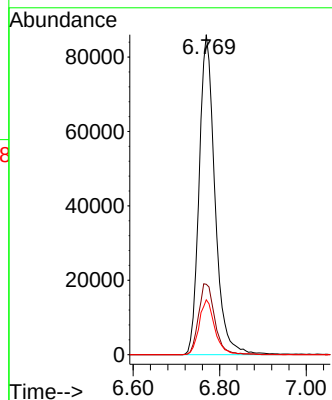
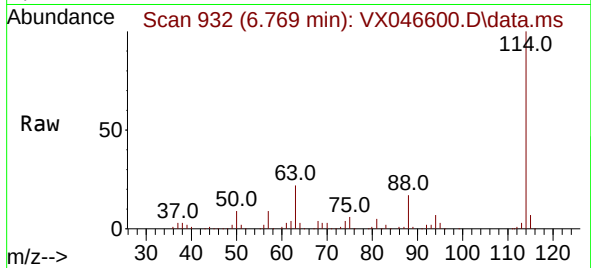




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX046600.D  
Acq: 10 Jun 2025 14:16

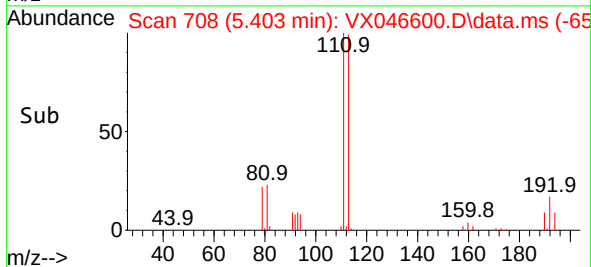
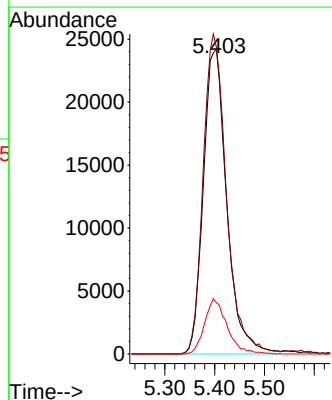
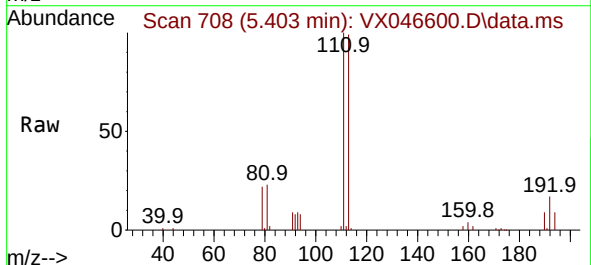
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

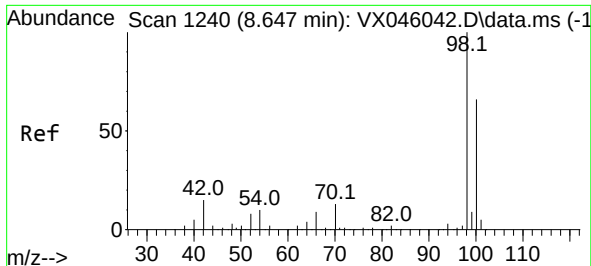
Tgt Ion:114 Resp: 217498  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 49.2  
88 17.2 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 49.376 ug/l  
RT: 5.403 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: VX046600.D  
Acq: 10 Jun 2025 14:16

Tgt Ion:113 Resp: 78975  
Ion Ratio Lower Upper  
113 100  
111 104.4 83.1 124.7  
192 17.4 13.3 19.9

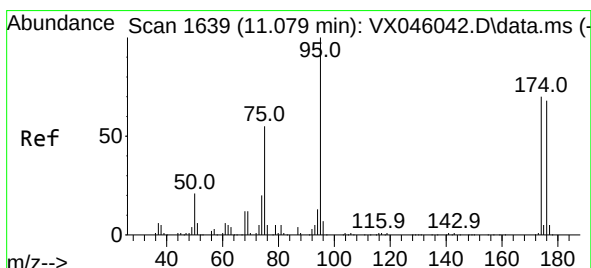
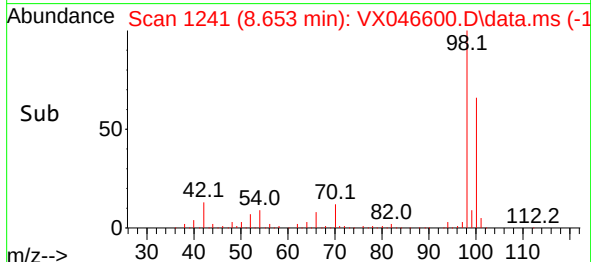
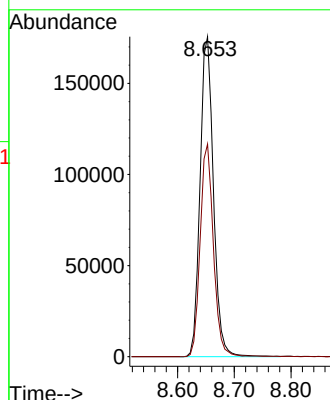
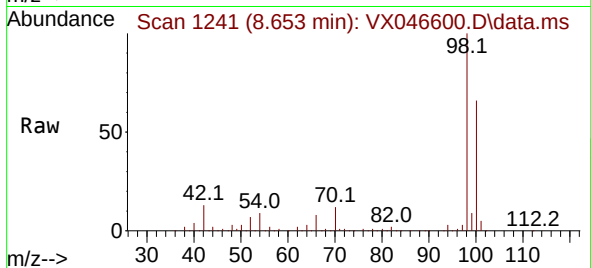




#50  
Toluene-d8  
Concen: 54.455 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046600.D  
Acq: 10 Jun 2025 14:16

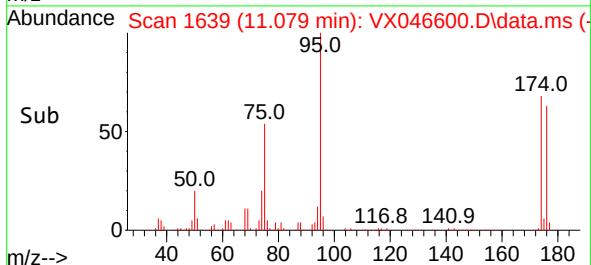
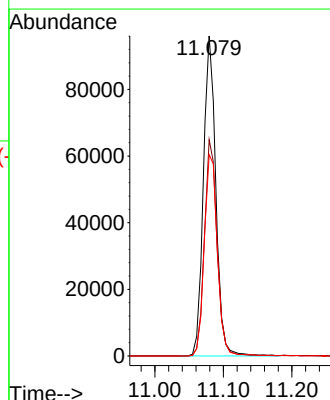
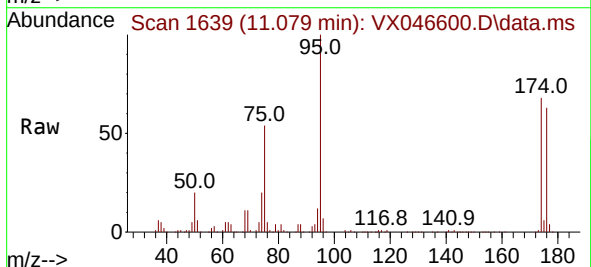
Instrument :  
MSVOA\_X  
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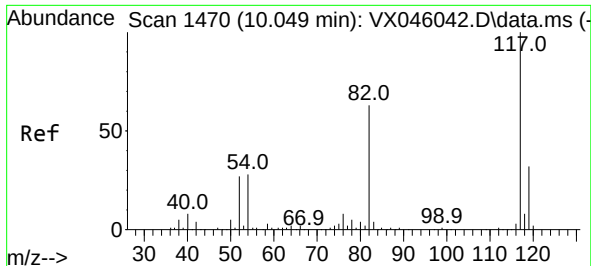
Tgt Ion: 98 Resp: 287157  
Ion Ratio Lower Upper  
98 100  
100 65.9 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 55.748 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046600.D  
Acq: 10 Jun 2025 14:16

Tgt Ion: 95 Resp: 121630  
Ion Ratio Lower Upper  
95 100  
174 68.4 0.0 135.8  
176 66.3 0.0 131.4

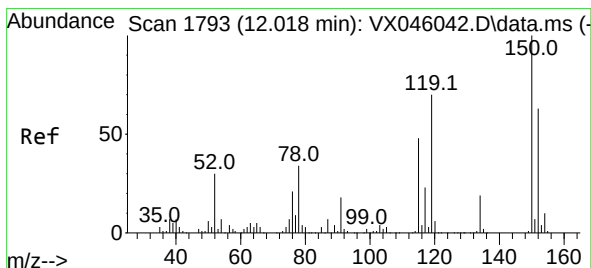
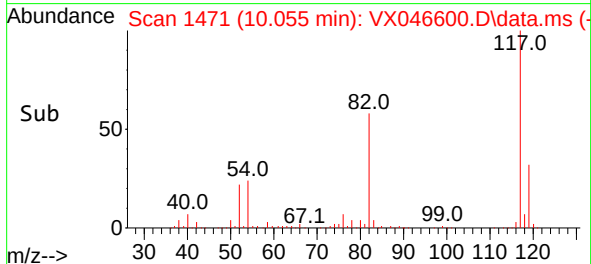
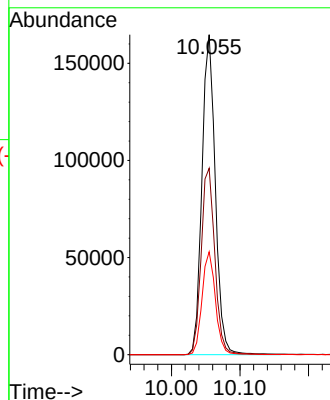
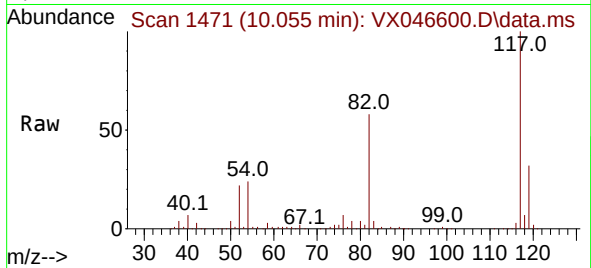




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046600.D  
Acq: 10 Jun 2025 14:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 224366  
Ion Ratio Lower Upper  
117 100  
82 58.2 50.6 76.0  
119 32.2 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX046600.D  
Acq: 10 Jun 2025 14:16

Tgt Ion:152 Resp: 113620  
Ion Ratio Lower Upper  
152 100  
115 63.7 46.9 140.7  
150 158.1 0.0 351.0

