

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042925\  
 Data File : VX045977.D  
 Acq On : 29 Apr 2025 13:12  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Apr 30 01:38:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 66370    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 132077   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 124629   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 52756    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 66614    | 54.884   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 109.760% |
| 35) Dibromofluoromethane    | 5.379  | 113   | 47722    | 50.926   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.860% |
| 50) Toluene-d8              | 8.647  | 98    | 165446   | 50.583   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 101.160% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 63597    | 53.380   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 106.760% |

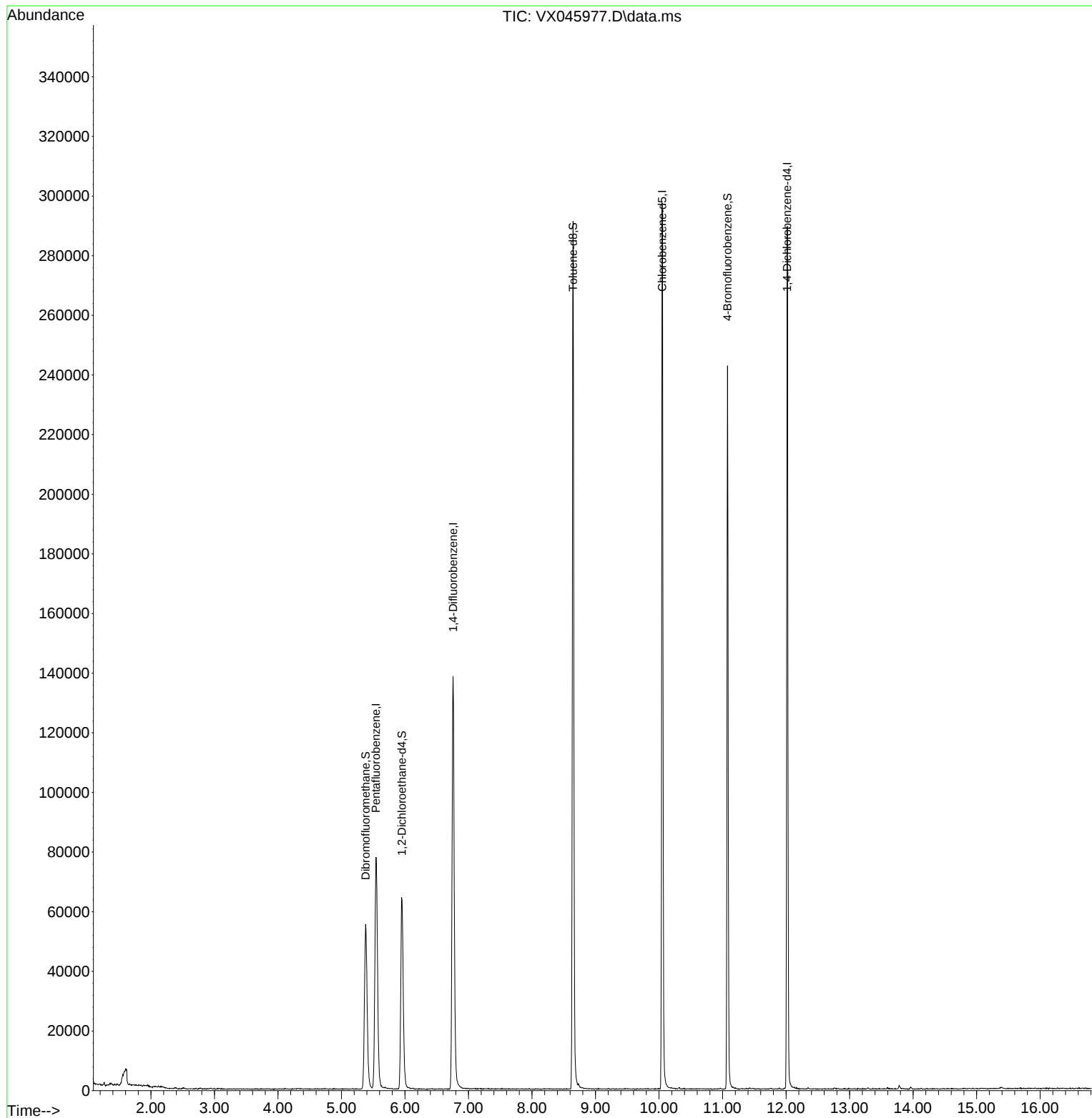
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

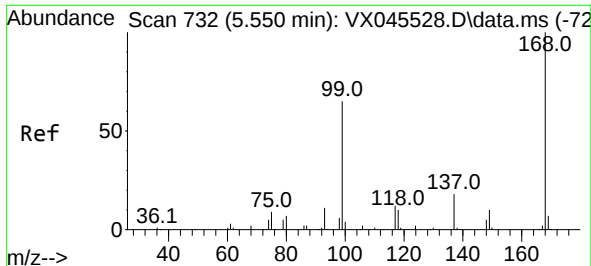
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration

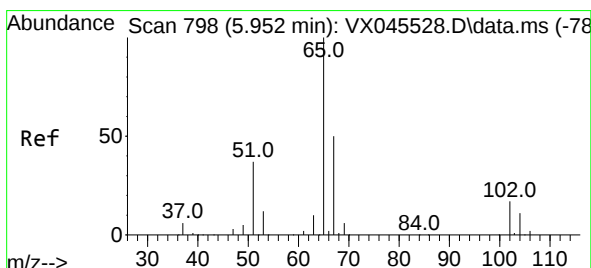
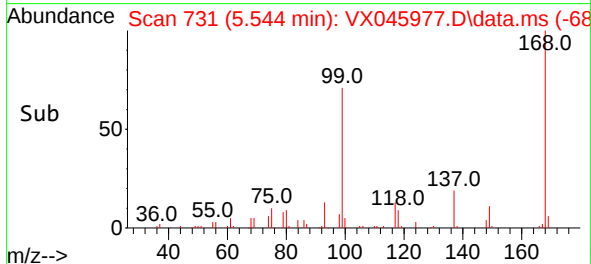
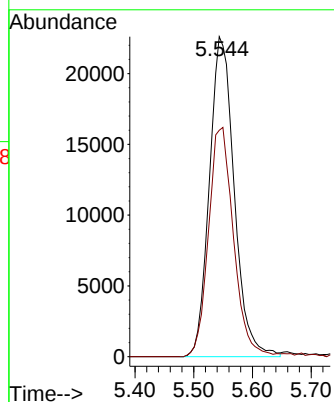
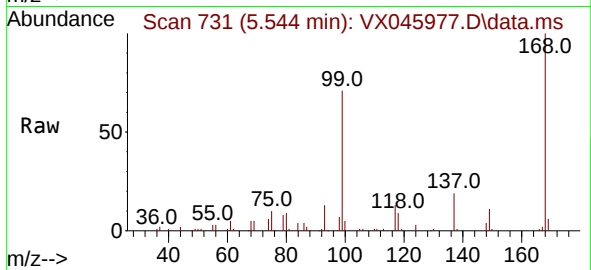




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX045977.D  
Acq: 29 Apr 2025 13:12

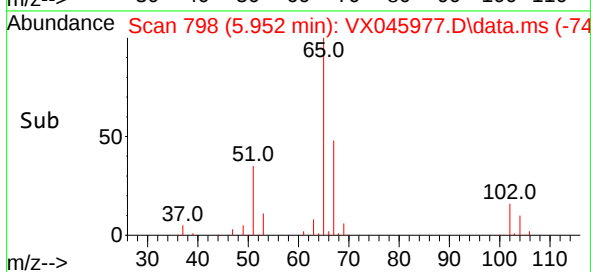
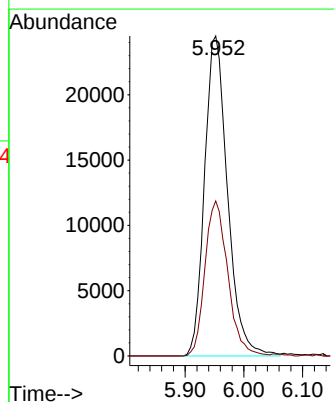
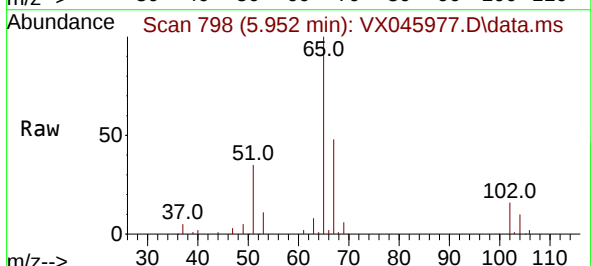
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

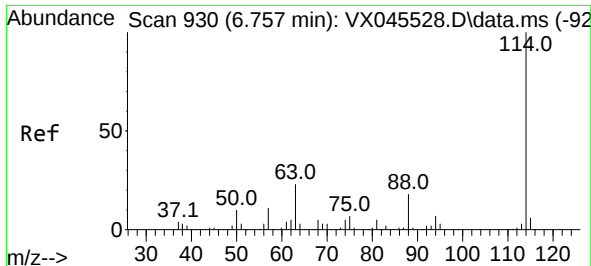
Tgt Ion:168 Resp: 66370  
Ion Ratio Lower Upper  
168 100  
99 70.8 52.3 78.5



#33  
1,2-Dichloroethane-d4  
Concen: 54.884 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX045977.D  
Acq: 29 Apr 2025 13:12

Tgt Ion: 65 Resp: 66614  
Ion Ratio Lower Upper  
65 100  
67 48.2 0.0 99.0

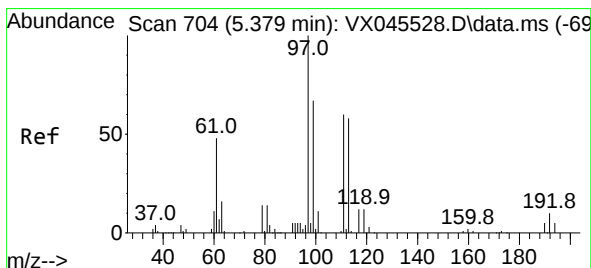
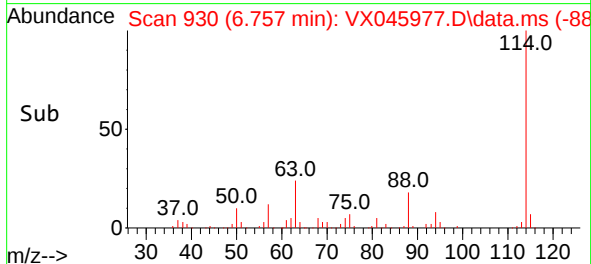
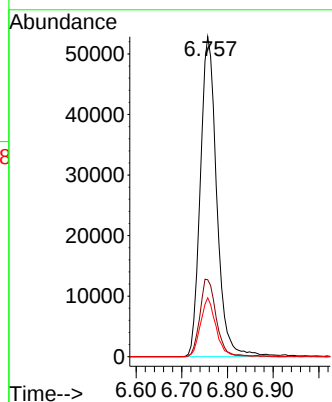
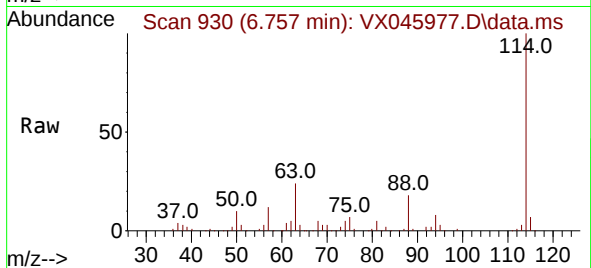




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX045977.D  
Acq: 29 Apr 2025 13:12

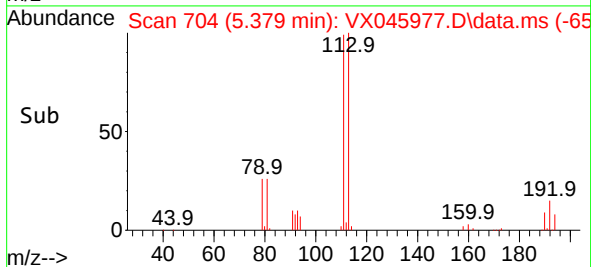
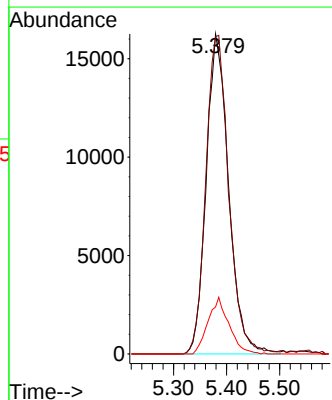
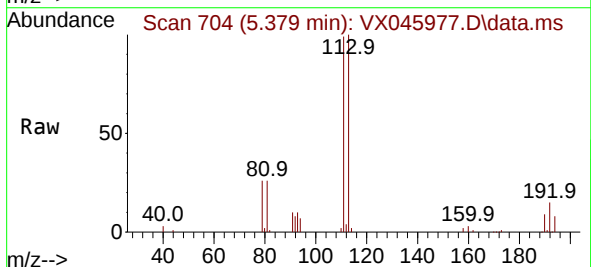
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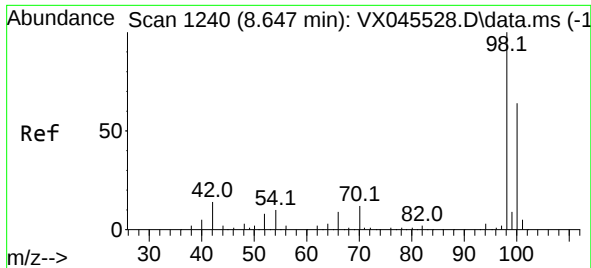
Tgt Ion:114 Resp: 132077  
Ion Ratio Lower Upper  
114 100  
63 24.1 0.0 46.8  
88 18.4 0.0 35.4



#35  
Dibromofluoromethane  
Concen: 50.926 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX045977.D  
Acq: 29 Apr 2025 13:12

Tgt Ion:113 Resp: 47722  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.8 122.6  
192 16.6 13.8 20.6

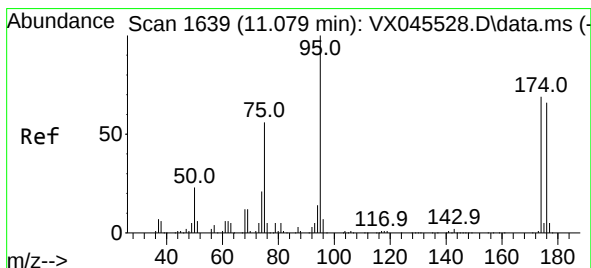
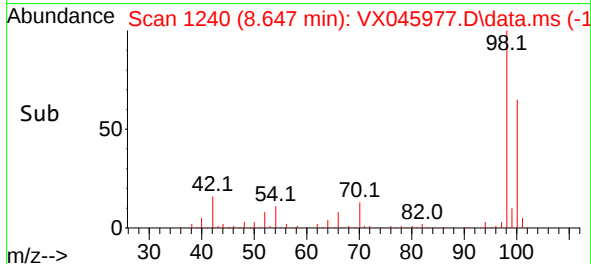
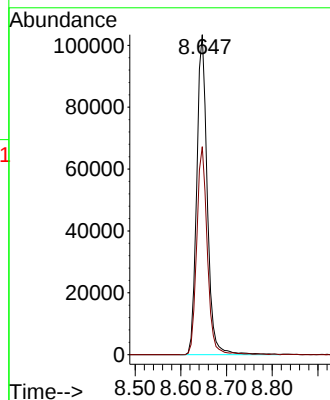
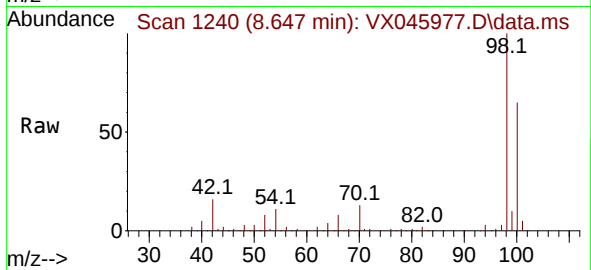




#50  
Toluene-d8  
Concen: 50.583 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045977.D  
Acq: 29 Apr 2025 13:12

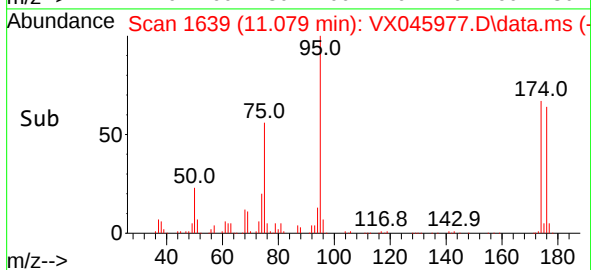
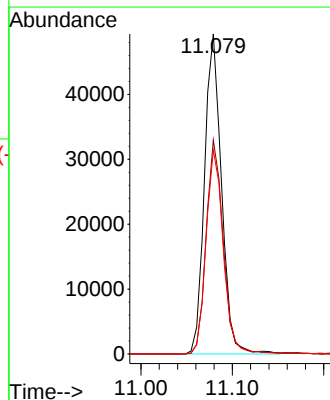
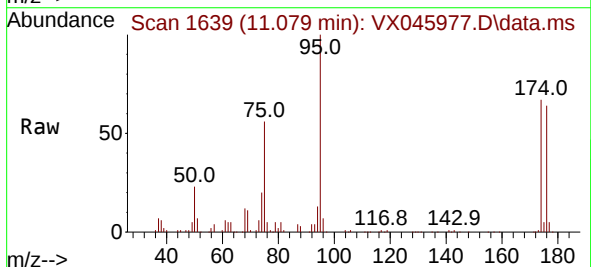
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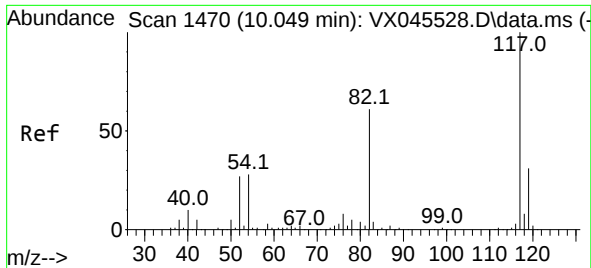
Tgt Ion: 98 Resp: 165446  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 53.380 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045977.D  
Acq: 29 Apr 2025 13:12

Tgt Ion: 95 Resp: 63597  
Ion Ratio Lower Upper  
95 100  
174 67.2 0.0 135.8  
176 64.4 0.0 131.4

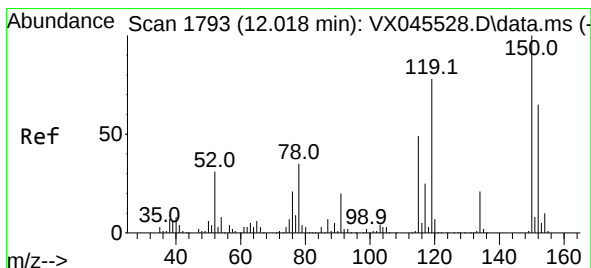
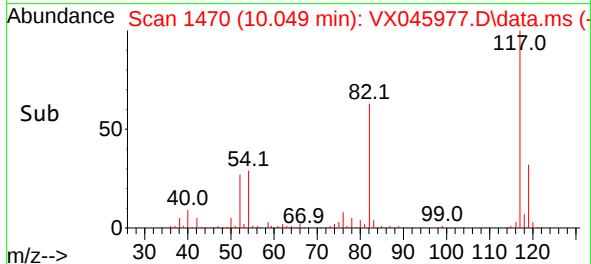
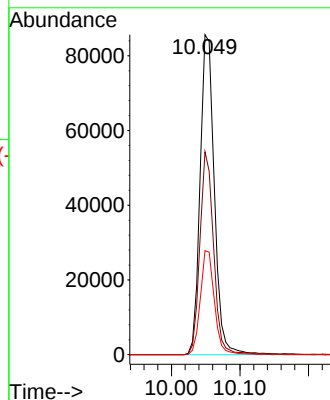
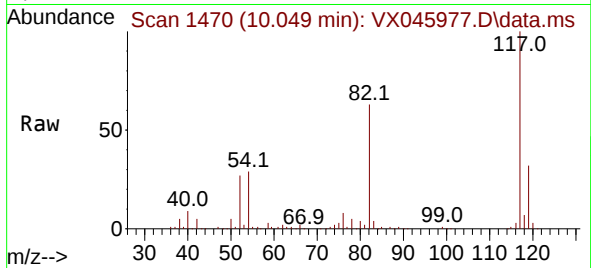




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045977.D  
Acq: 29 Apr 2025 13:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 124629  
Ion Ratio Lower Upper  
117 100  
82 63.4 49.2 73.8  
119 32.5 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX045977.D  
Acq: 29 Apr 2025 13:12

Tgt Ion:152 Resp: 52756  
Ion Ratio Lower Upper  
152 100  
115 66.4 46.9 140.7  
150 162.3 0.0 349.4

