

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021825\  
 Data File : VX044978.D  
 Acq On : 18 Feb 2025 11:31  
 Operator : JC/MD  
 Sample : VX0218WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0218WBL01

Quant Time: Feb 18 11:57:49 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 92895    | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 191012   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 185140   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 91305    | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 77390    | 56.91    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 113.82% |          |
| 35) Dibromofluoromethane    | 5.379  | 113   | 65431    | 52.69    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.38% |          |
| 50) Toluene-d8              | 8.647  | 98    | 243600   | 51.87    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.74% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 89284    | 56.40    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 112.80% |          |

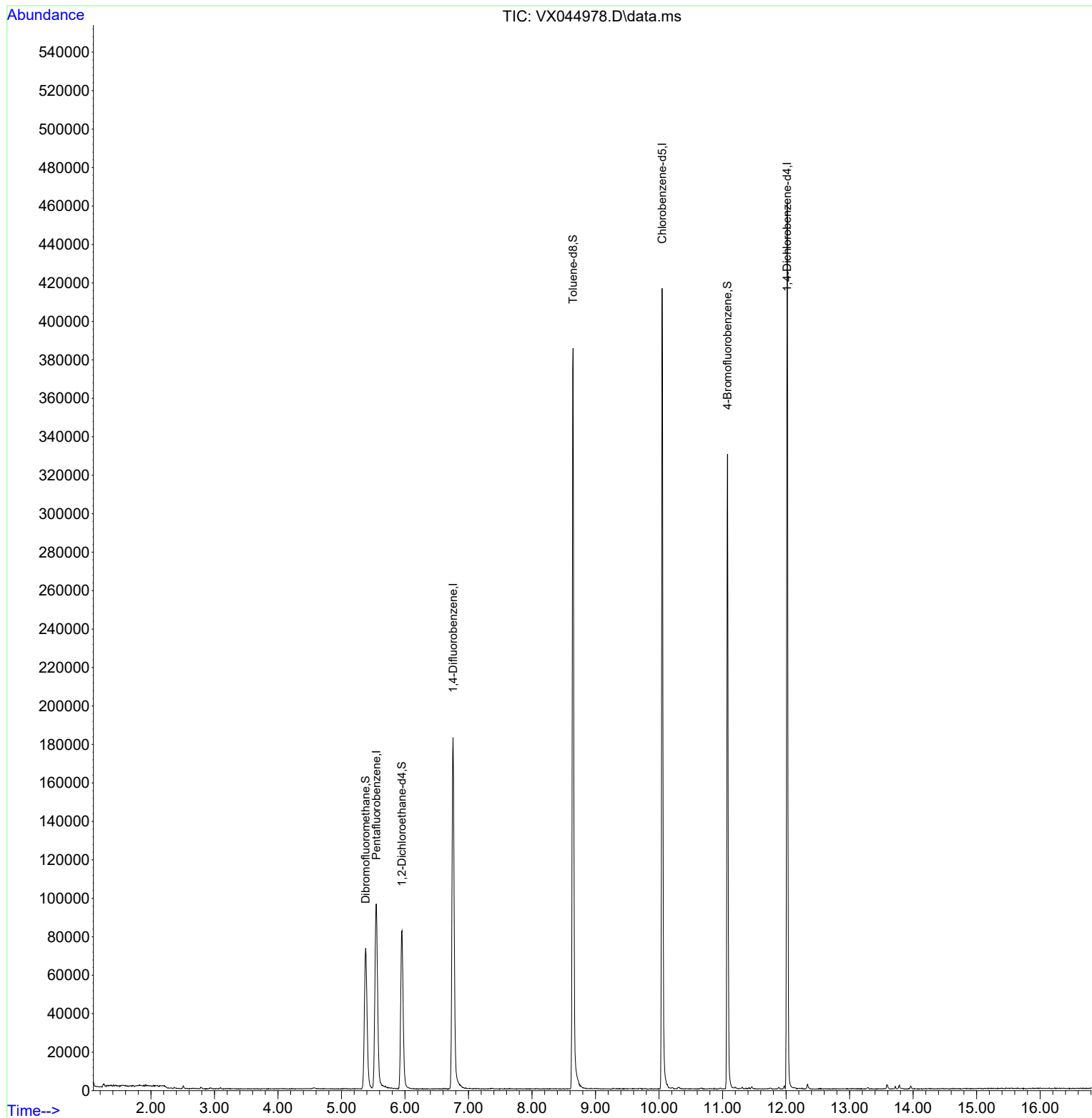
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

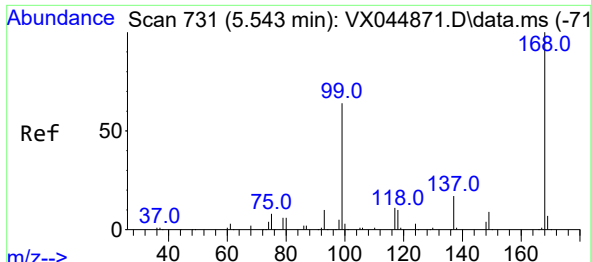
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0218WBL01

Quant Time: Feb 18 11:57:49 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration

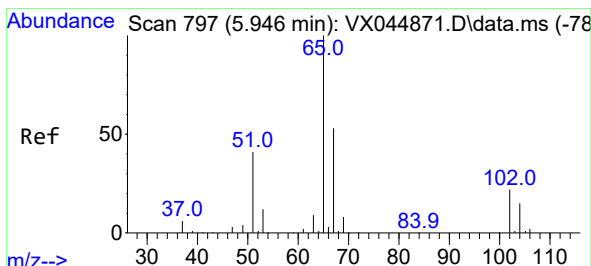
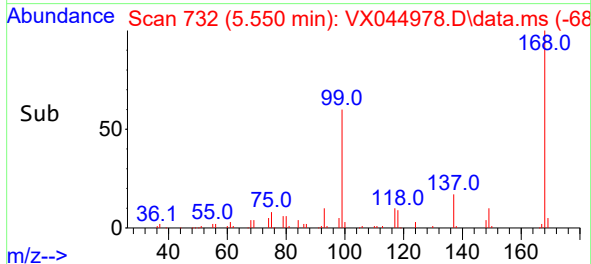
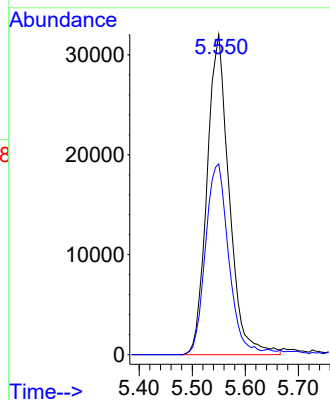
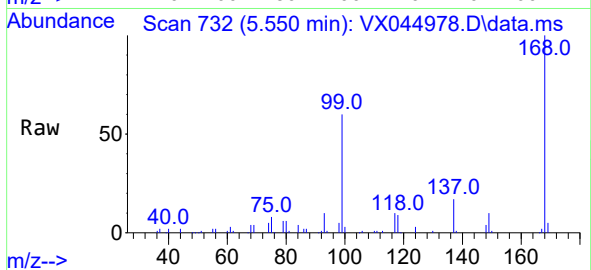




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX044978.D  
Acq: 18 Feb 2025 11:31

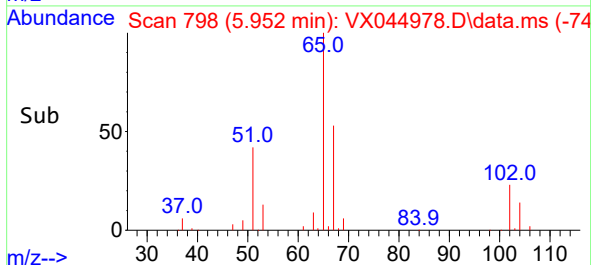
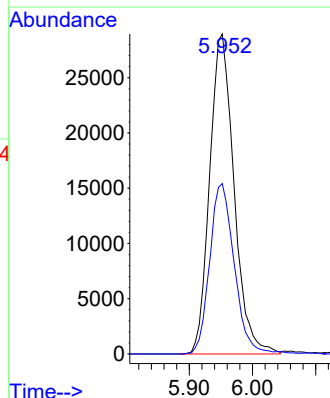
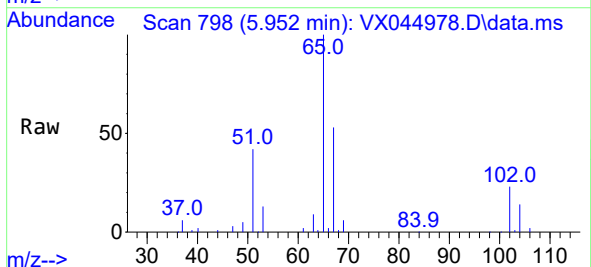
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0218WBL01

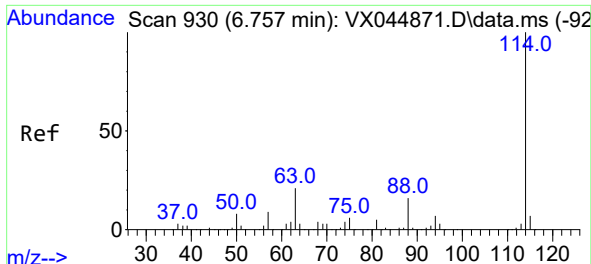
Tgt Ion:168 Resp: 92895  
Ion Ratio Lower Upper  
168 100  
99 59.6 51.2 76.8



#33  
1,2-Dichloroethane-d4  
Concen: 56.91 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX044978.D  
Acq: 18 Feb 2025 11:31

Tgt Ion: 65 Resp: 77390  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 108.2

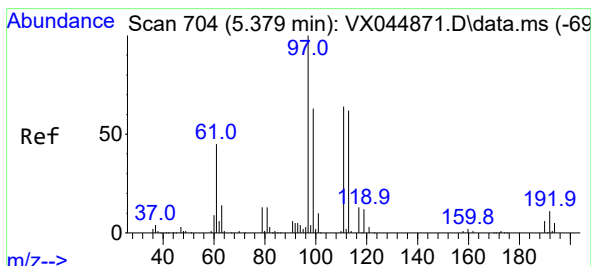
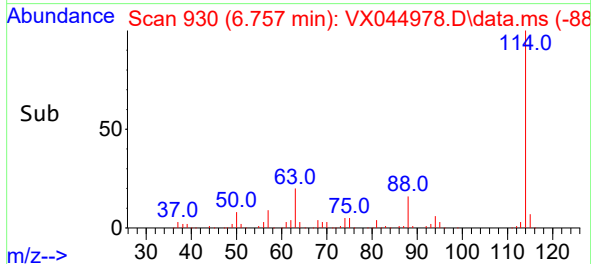
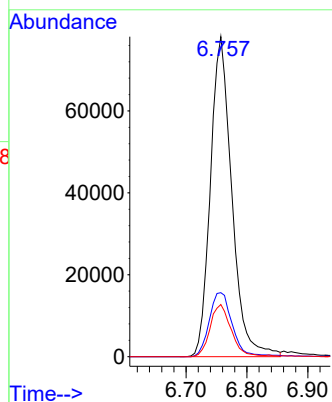
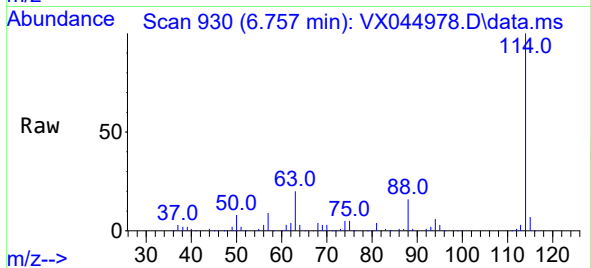




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX044978.D  
Acq: 18 Feb 2025 11:31

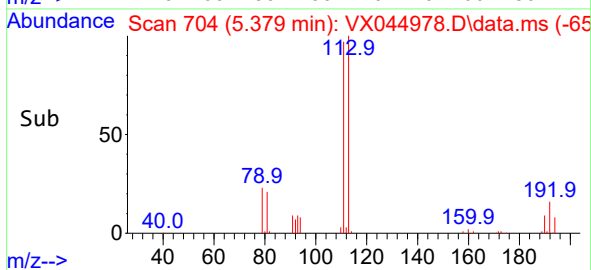
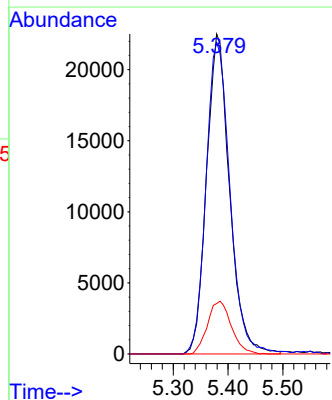
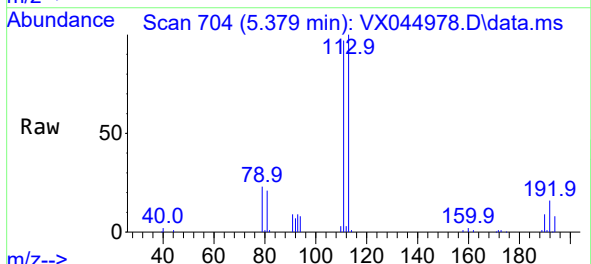
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0218WBL01

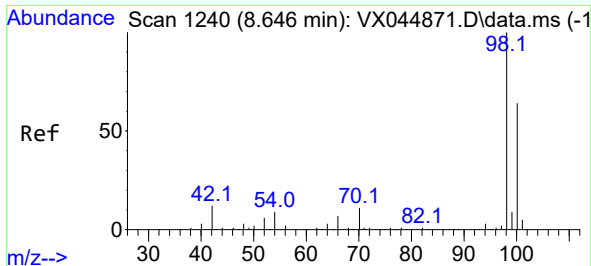
Tgt Ion:114 Resp: 191012  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 42.4  
88 16.3 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 52.69 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044978.D  
Acq: 18 Feb 2025 11:31

Tgt Ion:113 Resp: 65431  
Ion Ratio Lower Upper  
113 100  
111 101.7 83.5 125.3  
192 17.1 14.4 21.6

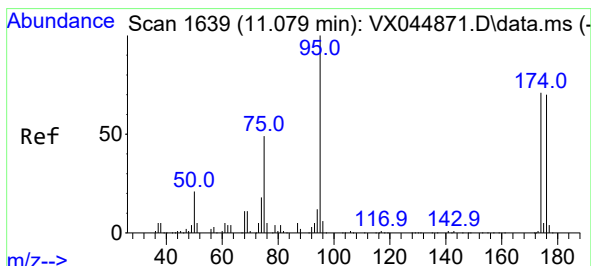
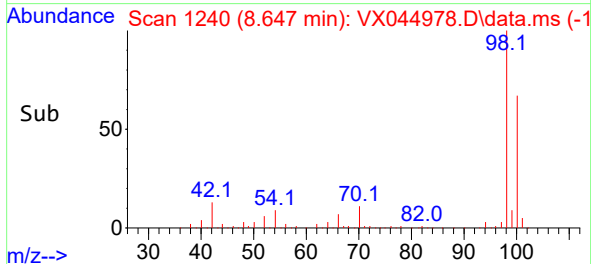
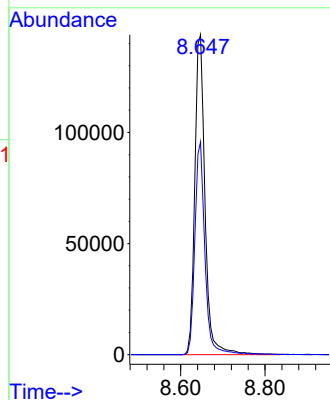
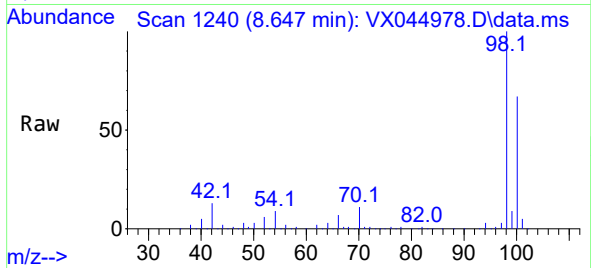




#50  
Toluene-d8  
Concen: 51.87 ug/l  
RT: 8.647 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: VX044978.D  
Acq: 18 Feb 2025 11:31

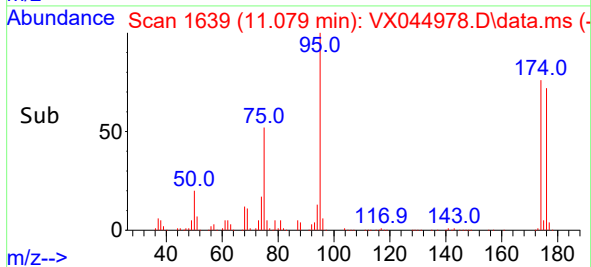
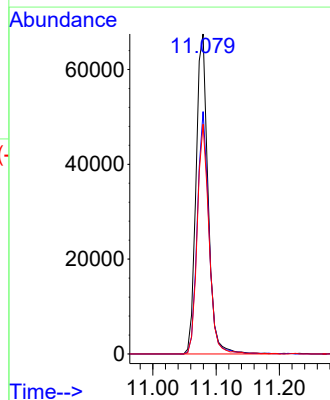
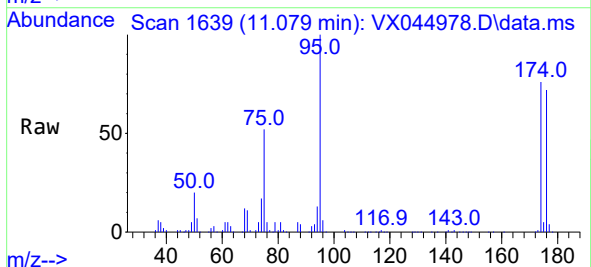
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0218WBL01

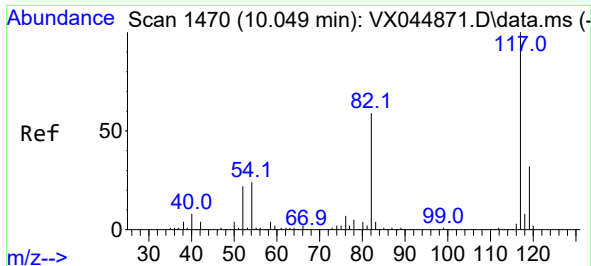
Tgt Ion: 98 Resp: 243600  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.7 79.1



#62  
4-Bromofluorobenzene  
Concen: 56.40 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044978.D  
Acq: 18 Feb 2025 11:31

Tgt Ion: 95 Resp: 89284  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 142.6  
176 70.1 0.0 141.6

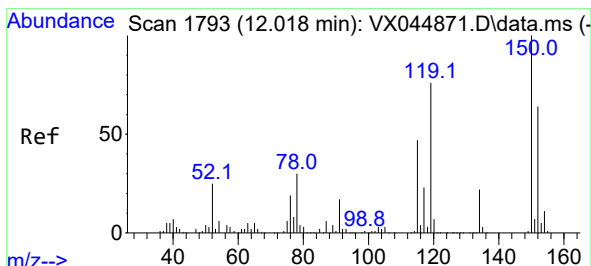
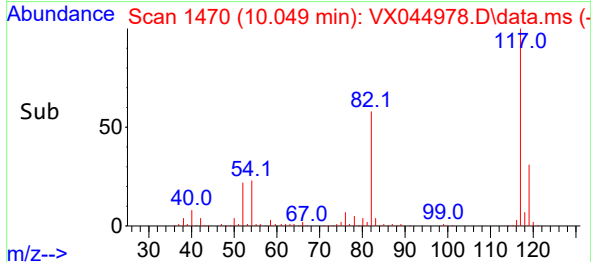
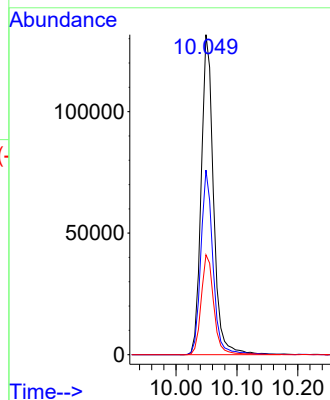
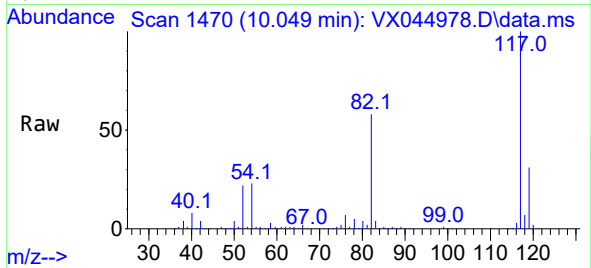




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044978.D  
Acq: 18 Feb 2025 11:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0218WBL01

Tgt Ion:117 Resp: 185140  
Ion Ratio Lower Upper  
117 100  
82 57.7 47.5 71.3  
119 31.2 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX044978.D  
Acq: 18 Feb 2025 11:31

Tgt Ion:152 Resp: 91305  
Ion Ratio Lower Upper  
152 100  
115 60.2 43.4 130.1  
150 155.1 0.0 350.4

