

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060722\  
 Data File : VX029277.D  
 Acq On : 07 Jun 2022 13:48  
 Operator : JC/MD  
 Sample : VX0607WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0607WBL01

Quant Time: Jun 08 01:23:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 01 04:45:42 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 399426   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 664518   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 578023   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 249149   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 236969   | 52.612   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 105.220% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 199762   | 45.258   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 90.520%  |
| 50) Toluene-d8              | 8.653  | 98    | 752371   | 46.606   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 93.220%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 266009   | 42.628   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 85.260%  |

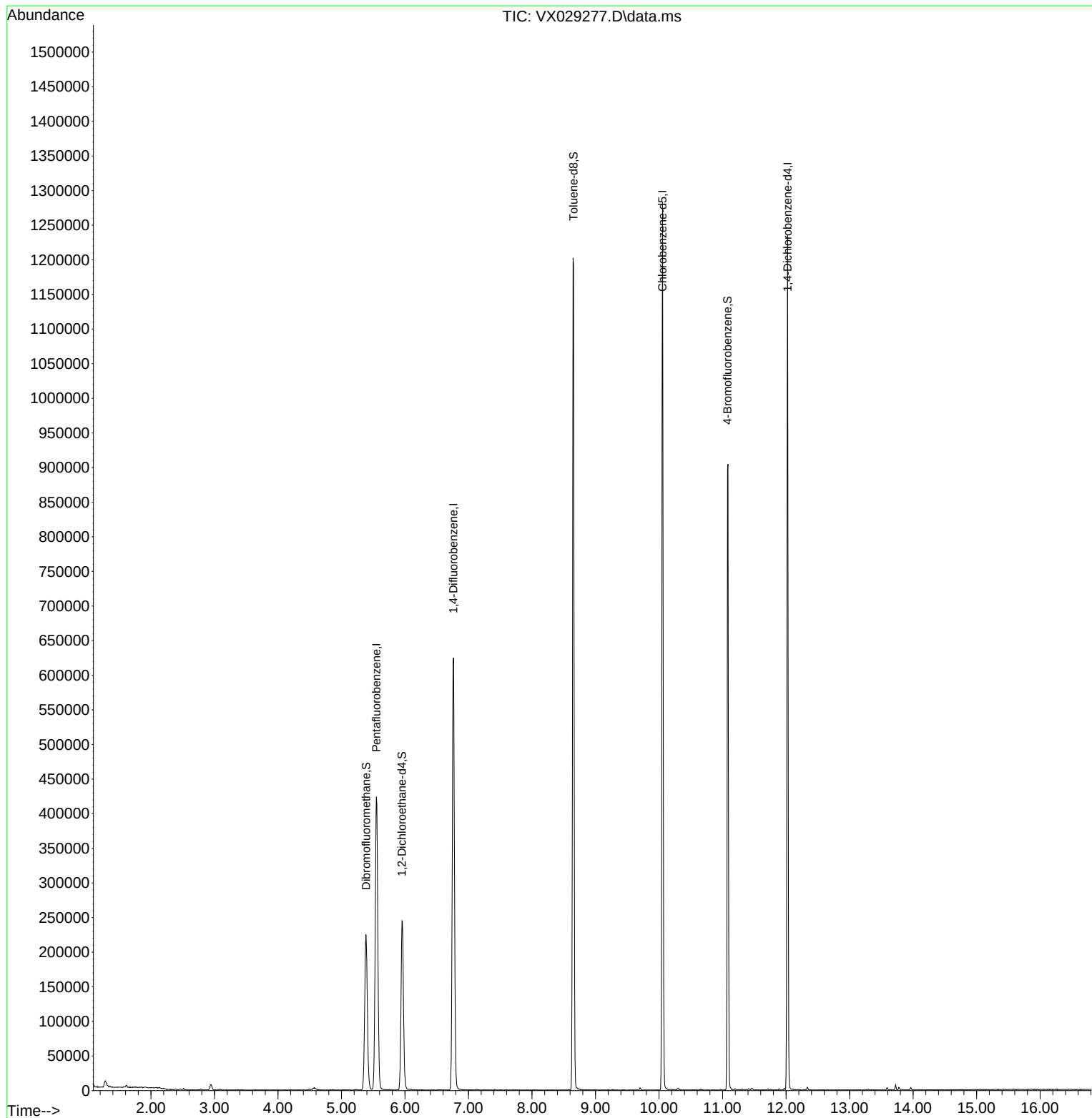
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

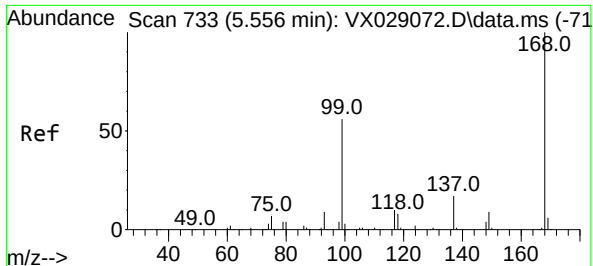
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0607WBL01

Quant Time: Jun 08 01:23:25 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053122W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 01 04:45:42 2022  
Response via : Initial Calibration

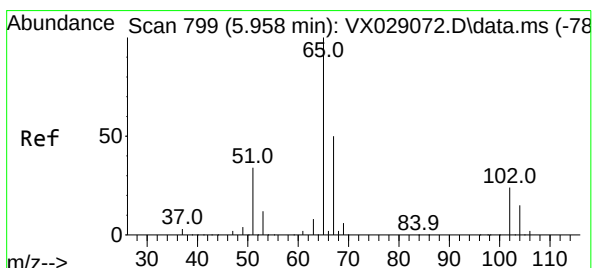
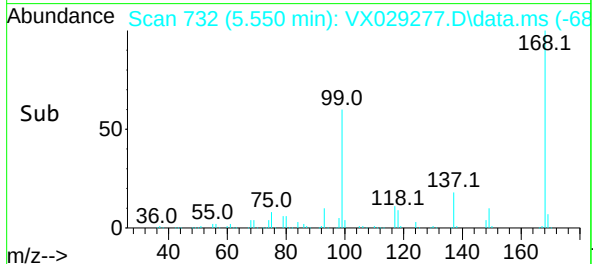
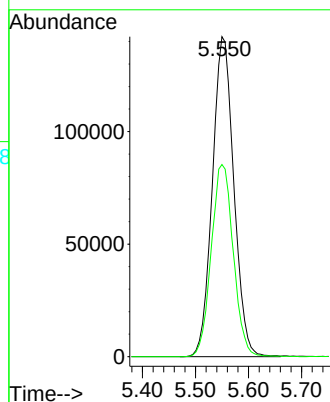
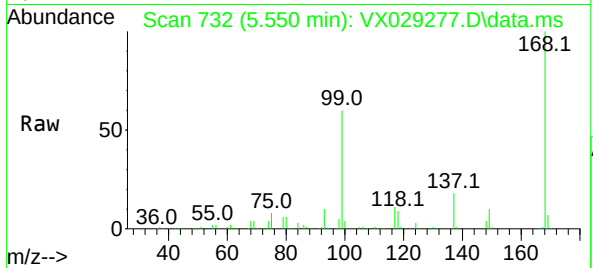




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX029277.D  
Acq: 07 Jun 2022 13:48

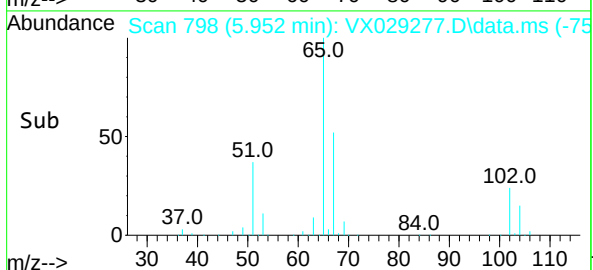
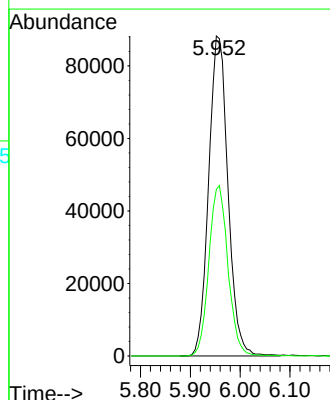
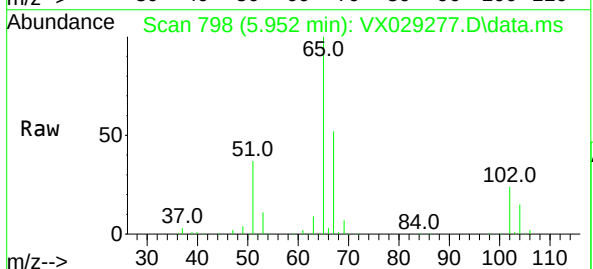
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0607WBL01

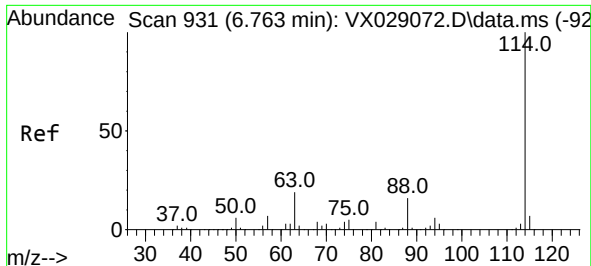
Tgt Ion:168 Resp: 399426  
Ion Ratio Lower Upper  
168 100  
99 60.1 41.7 62.5



#33  
1,2-Dichloroethane-d4  
Concen: 52.612 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX029277.D  
Acq: 07 Jun 2022 13:48

Tgt Ion: 65 Resp: 236969  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 107.4

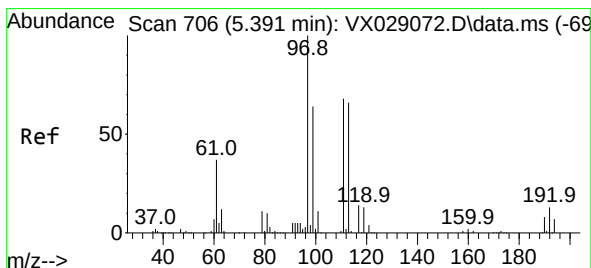
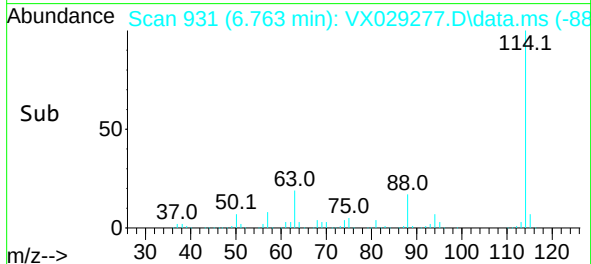
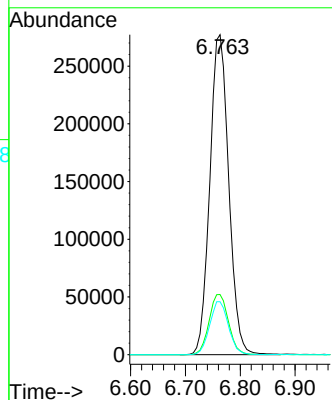
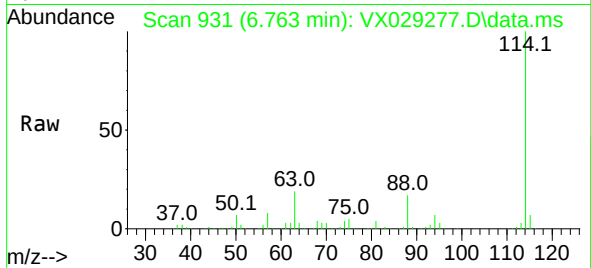




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX029277.D  
 Acq: 07 Jun 2022 13:48

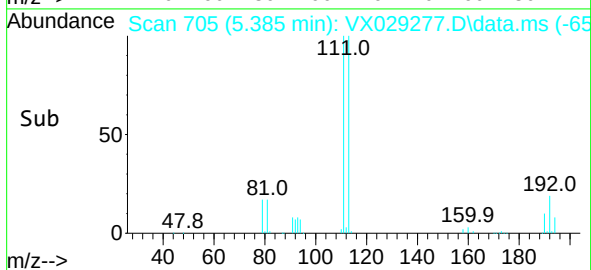
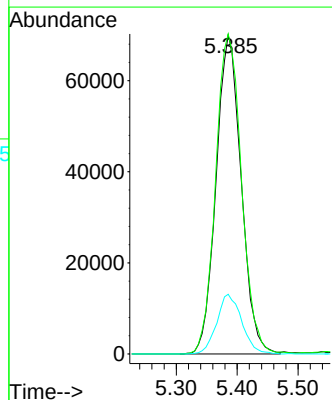
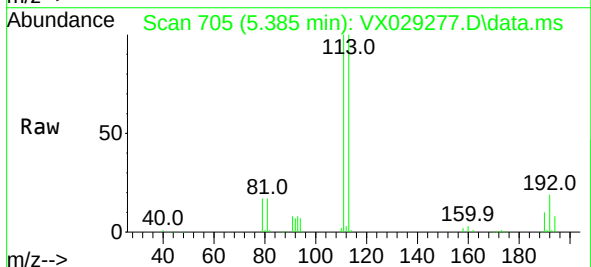
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0607WBL01

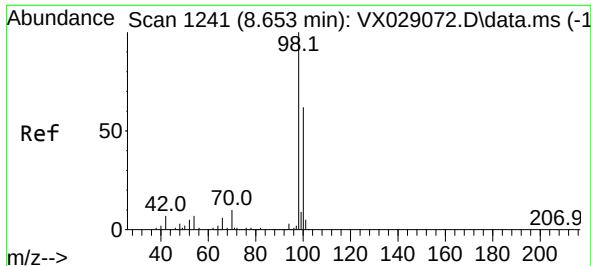
Tgt Ion:114 Resp: 664518  
 Ion Ratio Lower Upper  
 114 100  
 63 18.8 0.0 36.8  
 88 16.6 0.0 32.4



#35  
 Dibromofluoromethane  
 Concen: 45.258 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. -0.006 min  
 Lab File: VX029277.D  
 Acq: 07 Jun 2022 13:48

Tgt Ion:113 Resp: 199762  
 Ion Ratio Lower Upper  
 113 100  
 111 103.8 82.8 124.2  
 192 18.7 16.9 25.3

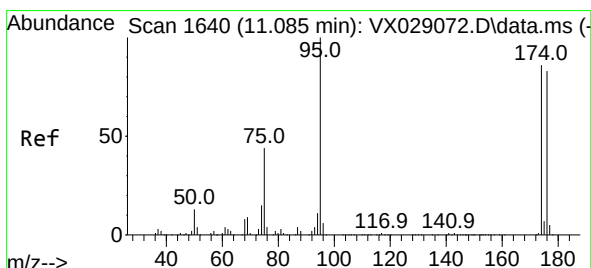
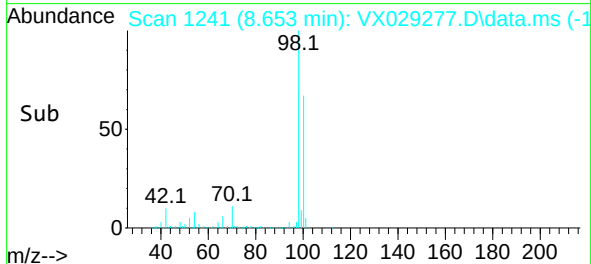
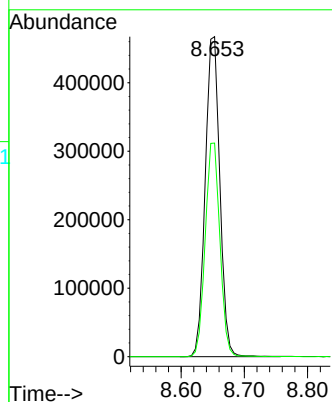
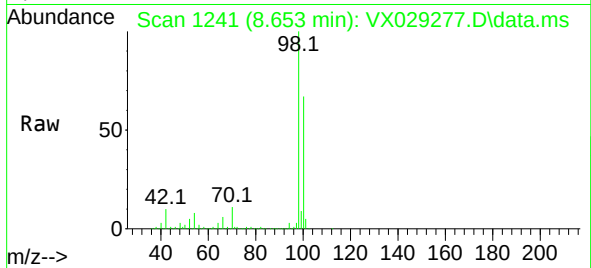




#50  
Toluene-d8  
Concen: 46.606 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029277.D  
Acq: 07 Jun 2022 13:48

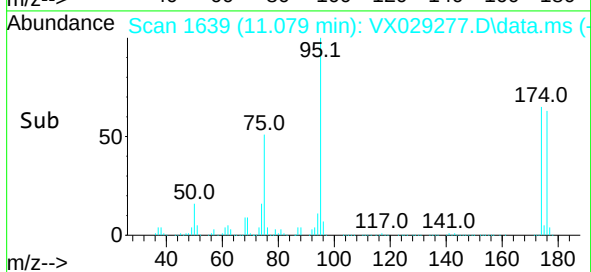
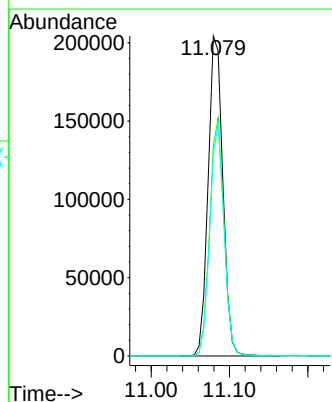
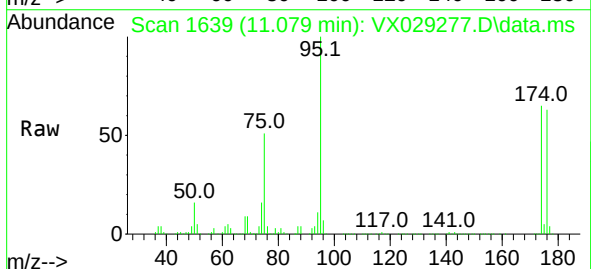
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0607WBL01

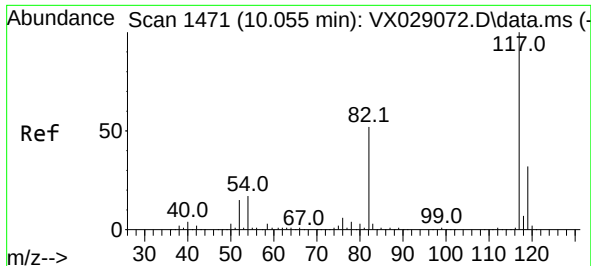
Tgt Ion: 98 Resp: 752371  
Ion Ratio Lower Upper  
98 100  
100 67.2 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 42.628 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029277.D  
Acq: 07 Jun 2022 13:48

Tgt Ion: 95 Resp: 266009  
Ion Ratio Lower Upper  
95 100  
174 72.7 0.0 163.0  
176 69.7 0.0 155.0

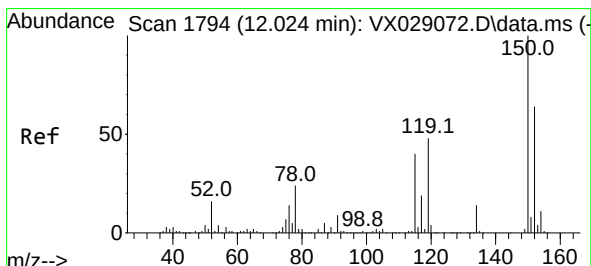
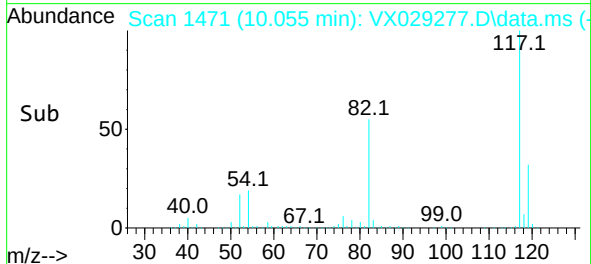
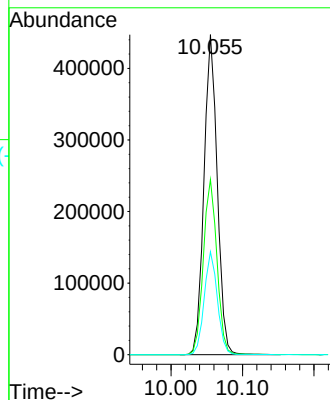
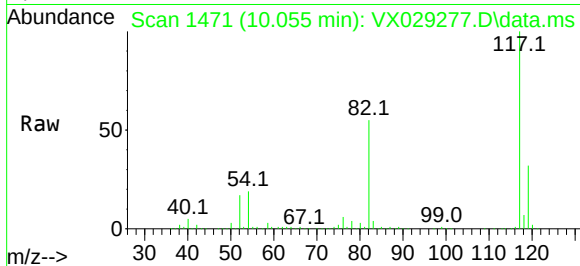




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029277.D  
Acq: 07 Jun 2022 13:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0607WBL01

Tgt Ion:117 Resp: 578023  
Ion Ratio Lower Upper  
117 100  
82 54.7 41.8 62.8  
119 32.2 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX029277.D  
Acq: 07 Jun 2022 13:48

Tgt Ion:152 Resp: 249149  
Ion Ratio Lower Upper  
152 100  
115 63.0 37.5 112.7  
150 157.8 0.0 338.2

