

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011223\  
 Data File : VX033702.D  
 Acq On : 12 Jan 2023 10:46  
 Operator : JC/MD  
 Sample : VX0112WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0112WBL01

Quant Time: Jan 13 00:40:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 11 14:48:42 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 174011   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 245043   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 184620   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 90521    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 90496    | 49.393   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 98.780%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 75902    | 49.884   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.760%  |
| 50) Toluene-d8              | 8.647  | 98    | 238596   | 43.037   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 86.080%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 85112    | 41.349   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 82.700%# |

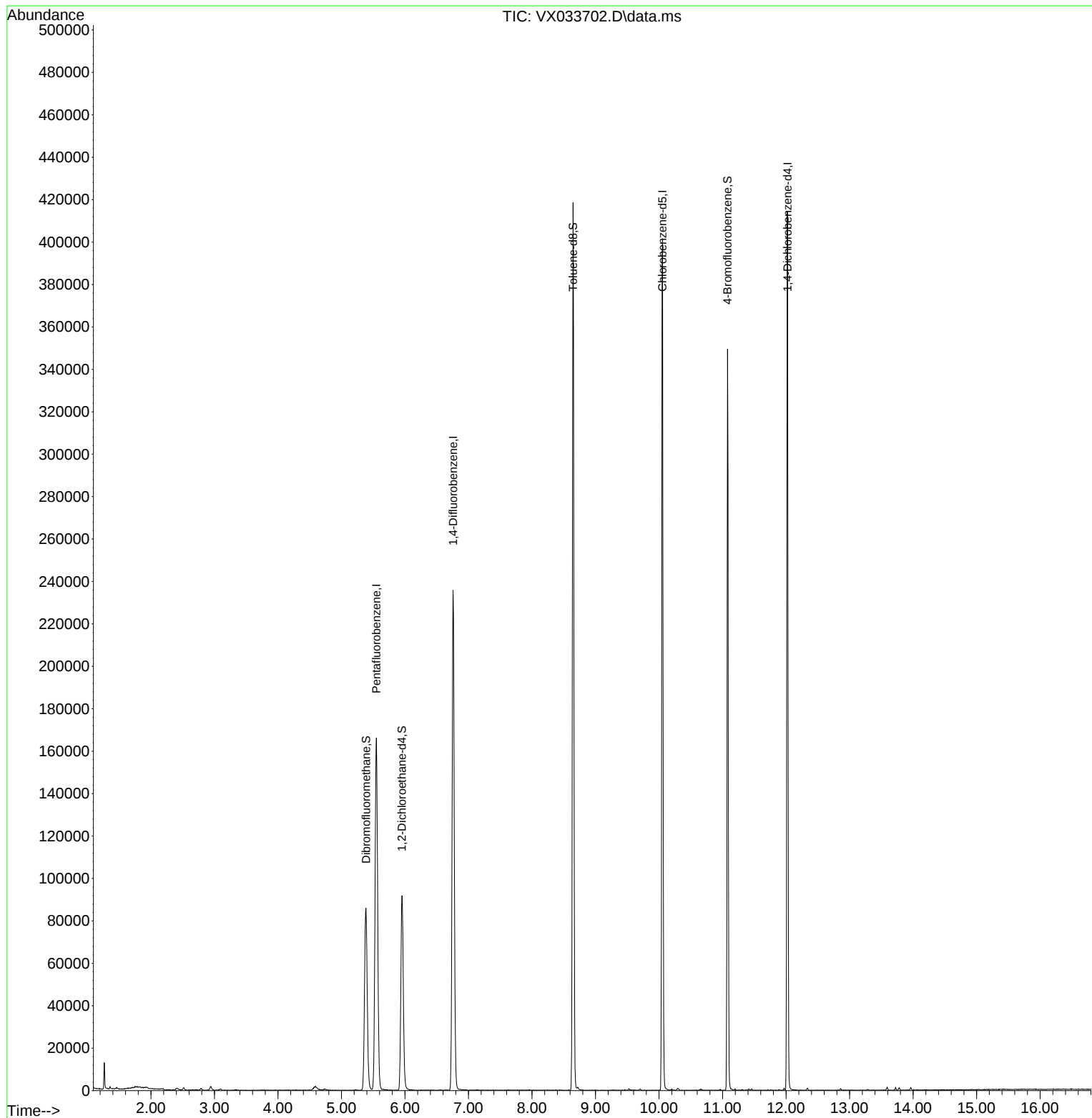
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

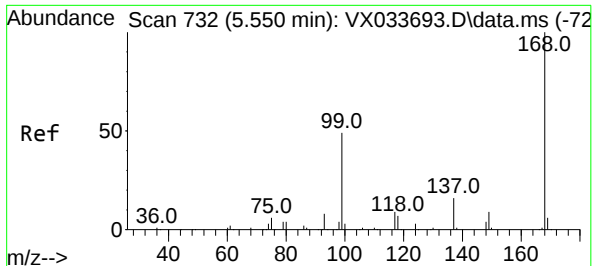
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0112WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0112WBL01

Quant Time: Jan 13 00:40:09 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X01123W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 11 14:48:42 2023  
Response via : Initial Calibration

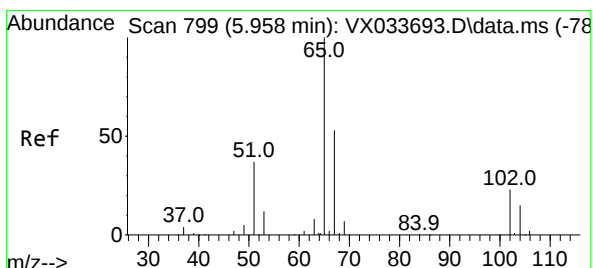
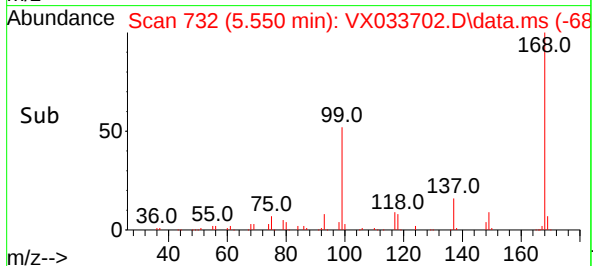
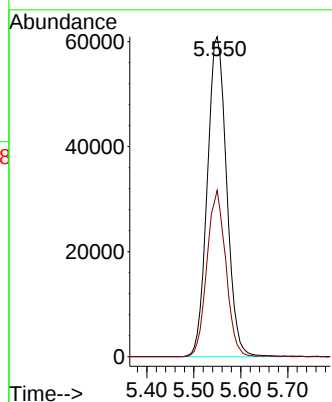
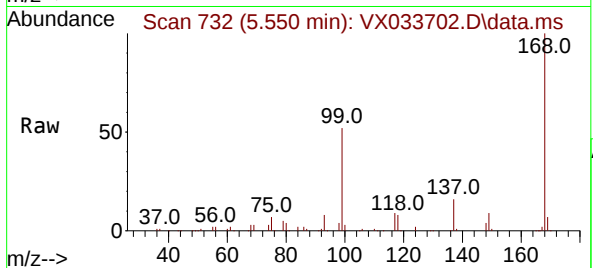




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.000 min  
Lab File: VX033702.D  
Acq: 12 Jan 2023 10:46

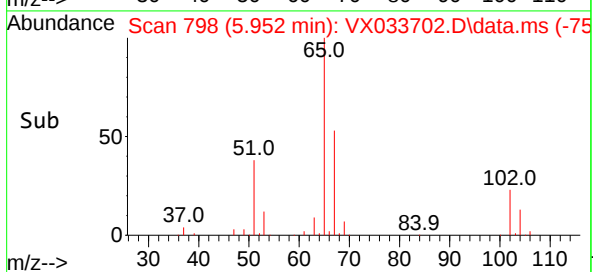
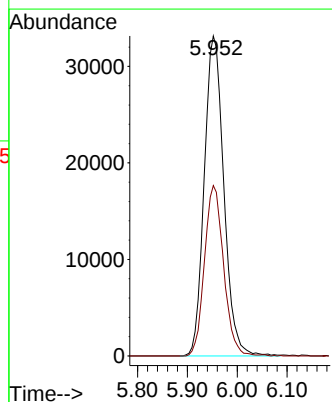
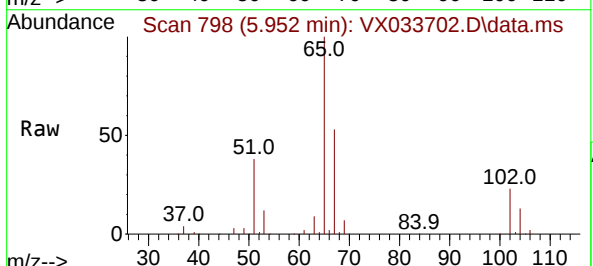
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0112WBL01

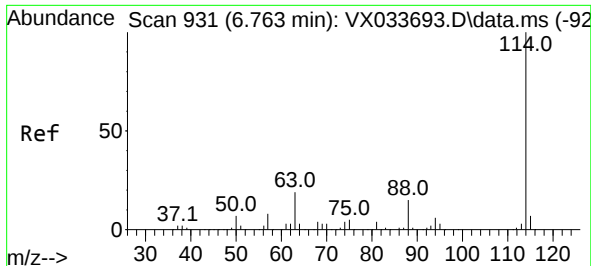
Tgt Ion:168 Resp: 174011  
Ion Ratio Lower Upper  
168 100  
99 52.0 39.6 59.4



#33  
1,2-Dichloroethane-d4  
Concen: 49.393 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX033702.D  
Acq: 12 Jan 2023 10:46

Tgt Ion: 65 Resp: 90496  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 104.8

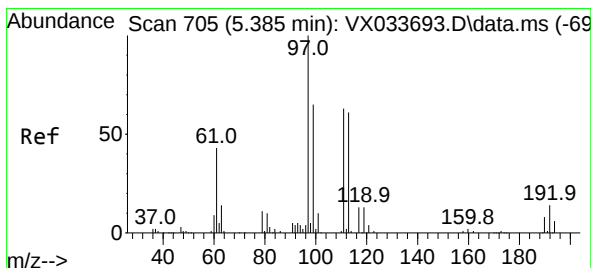
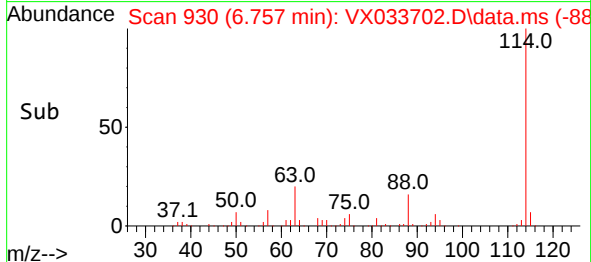
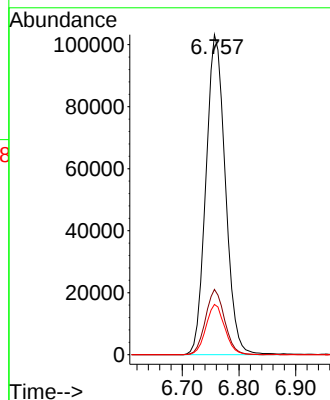
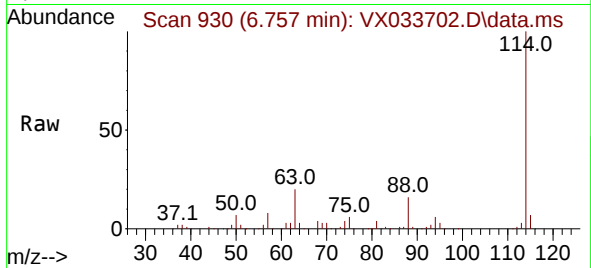




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX033702.D  
Acq: 12 Jan 2023 10:46

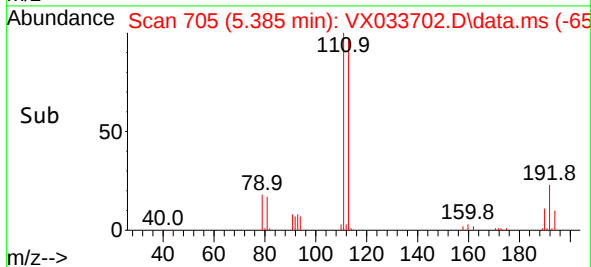
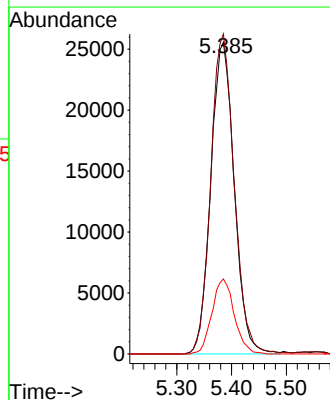
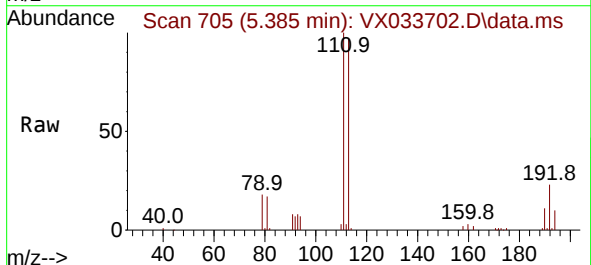
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0112WBL01

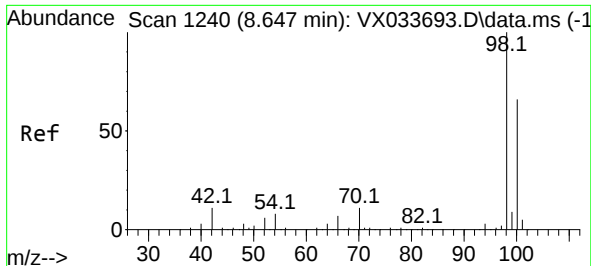
Tgt Ion:114 Resp: 245043  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 37.4  
88 15.7 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 49.884 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX033702.D  
Acq: 12 Jan 2023 10:46

Tgt Ion:113 Resp: 75902  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.0 124.6  
192 22.9 19.0 28.4

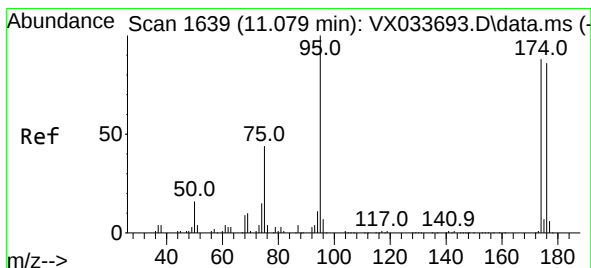
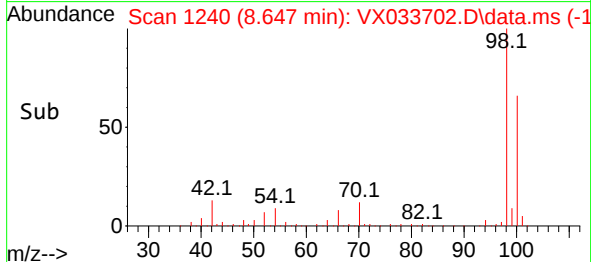
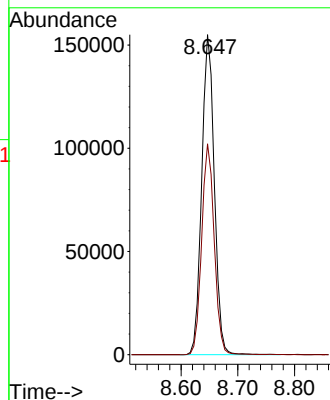
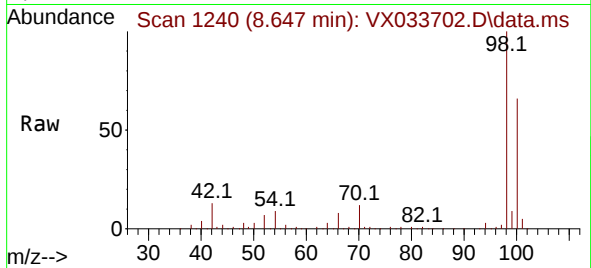




#50  
Toluene-d8  
Concen: 43.037 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033702.D  
Acq: 12 Jan 2023 10:46

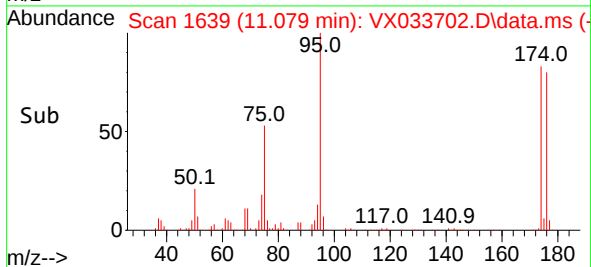
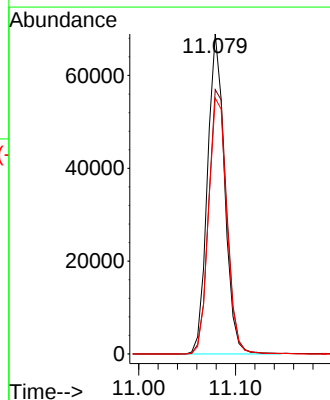
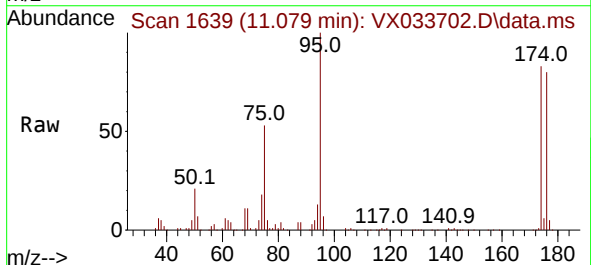
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0112WBL01

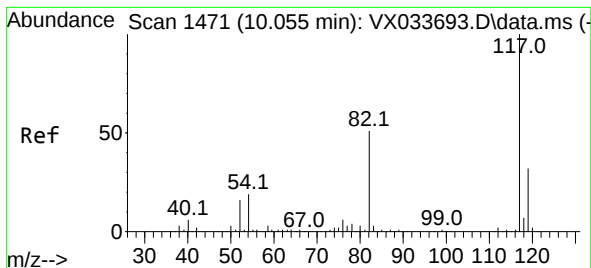
Tgt Ion: 98 Resp: 238596  
Ion Ratio Lower Upper  
98 100  
100 65.6 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 41.349 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033702.D  
Acq: 12 Jan 2023 10:46

Tgt Ion: 95 Resp: 85112  
Ion Ratio Lower Upper  
95 100  
174 88.3 0.0 184.4  
176 84.8 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033702.D

Acq: 12 Jan 2023 10:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0112WBL01

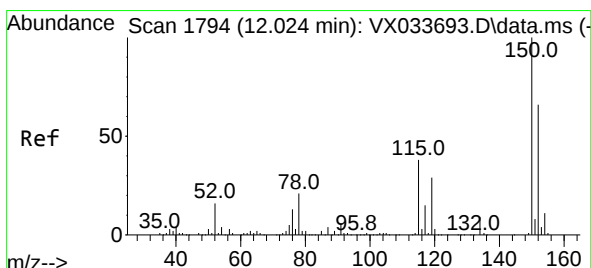
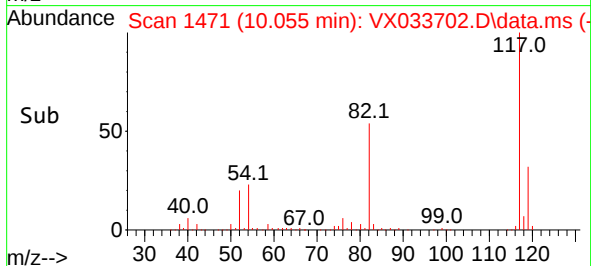
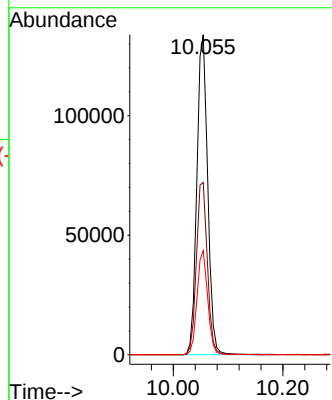
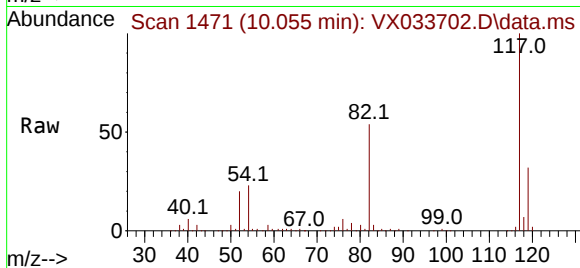
Tgt Ion:117 Resp: 184620

Ion Ratio Lower Upper

117 100

82 53.8 40.6 60.8

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX033702.D

Acq: 12 Jan 2023 10:46

Tgt Ion:152 Resp: 90521

Ion Ratio Lower Upper

152 100

115 55.5 38.7 116.1

150 154.2 0.0 348.2

