

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062123\  
 Data File : VX036258.D  
 Acq On : 21 Jun 2023 10:11  
 Operator : JC/MD  
 Sample : VX0621MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0621MBL01

Quant Time: Jun 22 04:59:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 16 16:28:40 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 147754   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 261488   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 221670   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 101280   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 115783   | 42.881   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 85.760%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 82081    | 46.290   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 92.580%  |
| 50) Toluene-d8              | 8.647  | 98    | 286696   | 44.201   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 88.400%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 102291   | 39.069   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 78.140%# |

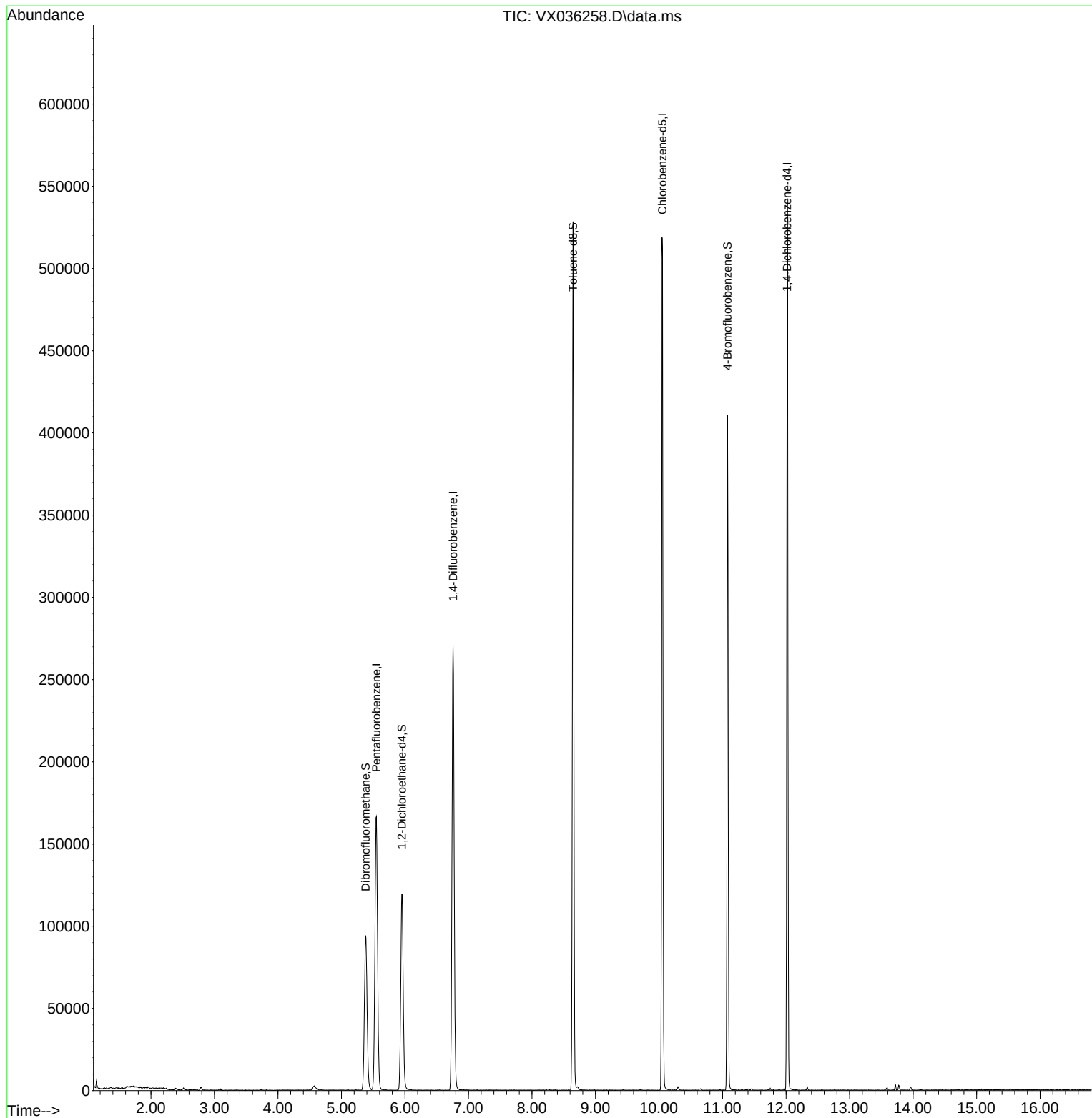
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

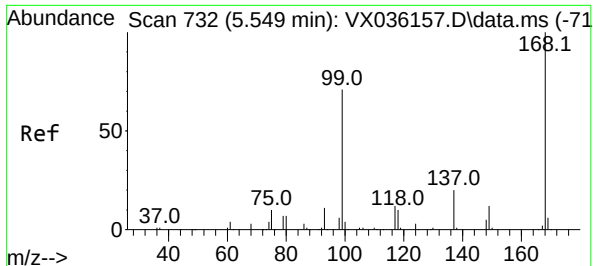
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Jun 16 16:28:40 2023  
Response via : Initial Calibration

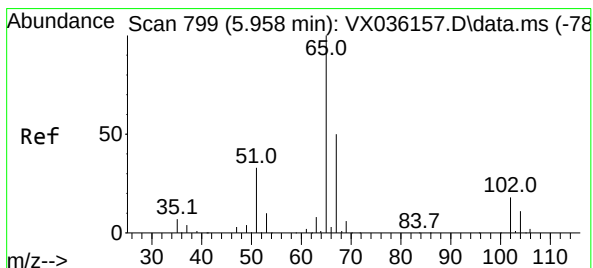
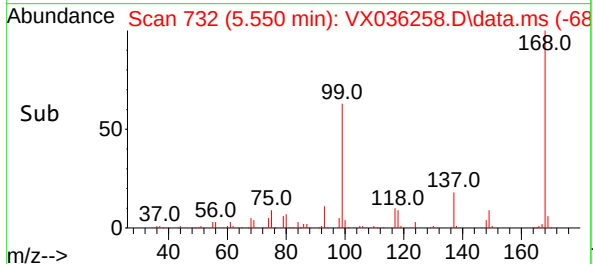
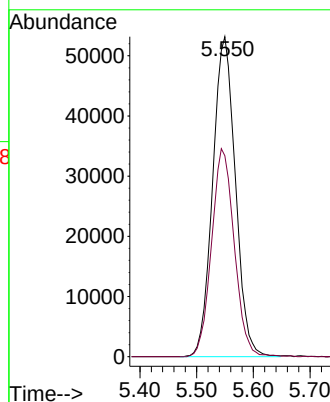
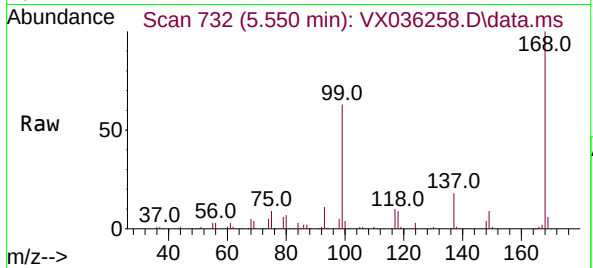




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX036258.D  
Acq: 21 Jun 2023 10:11

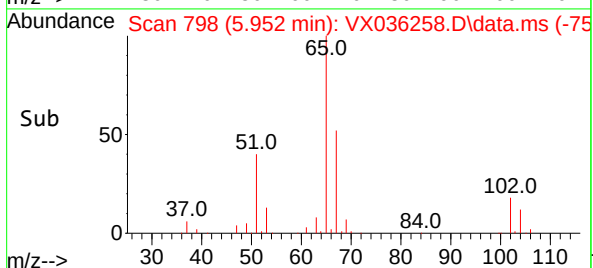
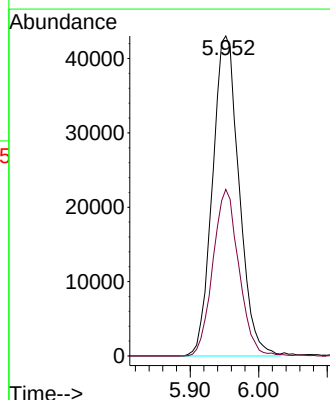
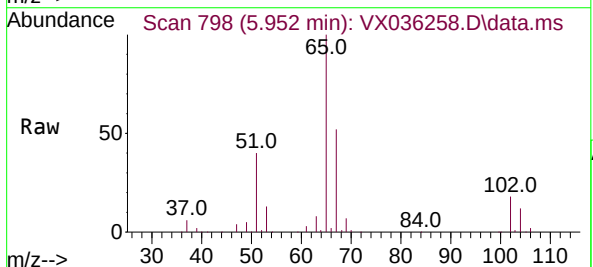
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0621MBL01

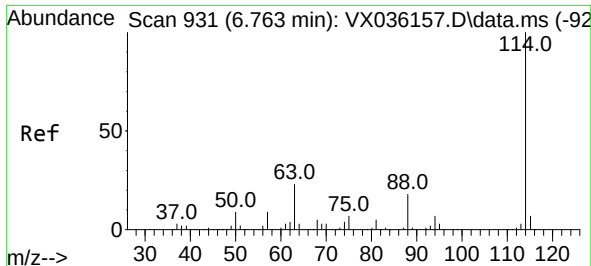
Tgt Ion:168 Resp: 147754  
Ion Ratio Lower Upper  
168 100  
99 62.8 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 42.881 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX036258.D  
Acq: 21 Jun 2023 10:11

Tgt Ion: 65 Resp: 115783  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 100.2

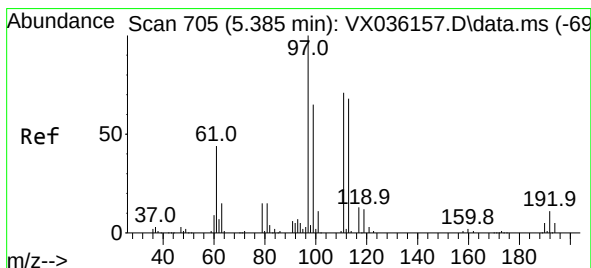
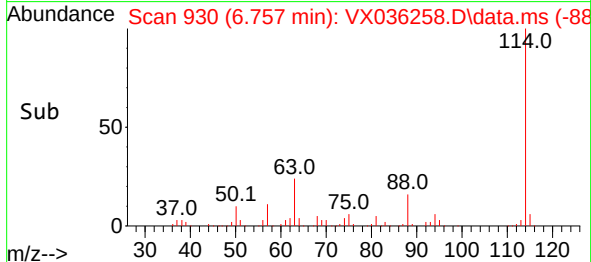
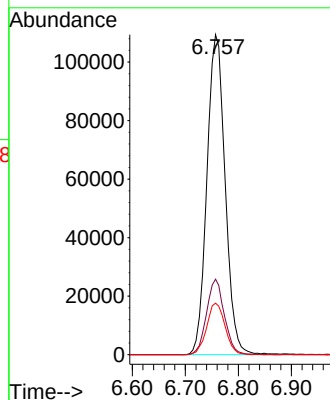
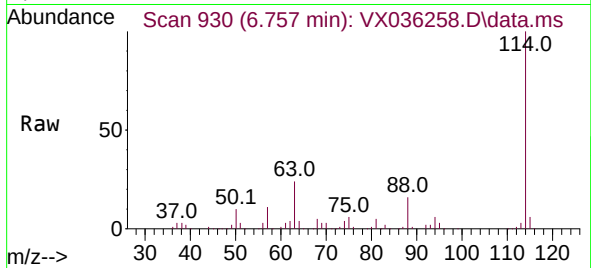




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX036258.D  
Acq: 21 Jun 2023 10:11

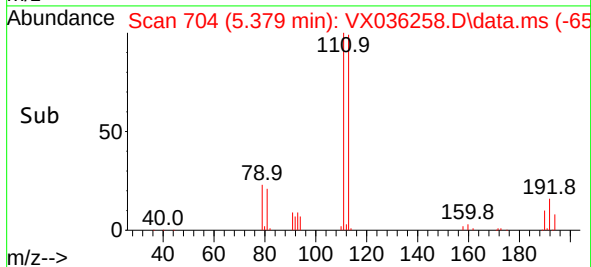
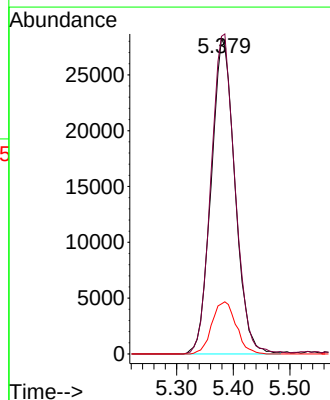
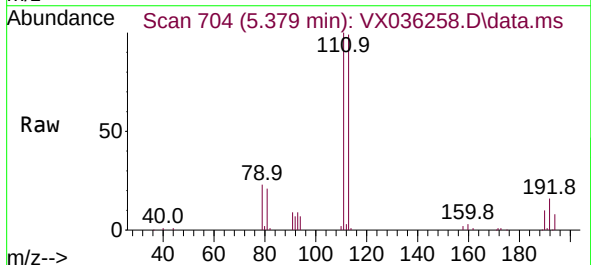
Instrument :  
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ClientSampleId :  
VX0621MBL01

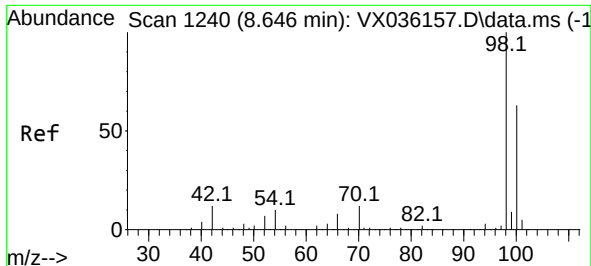
Tgt Ion:114 Resp: 261488  
Ion Ratio Lower Upper  
114 100  
63 23.6 0.0 45.0  
88 16.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.290 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX036258.D  
Acq: 21 Jun 2023 10:11

Tgt Ion:113 Resp: 82081  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.9 124.3  
192 16.9 13.3 19.9

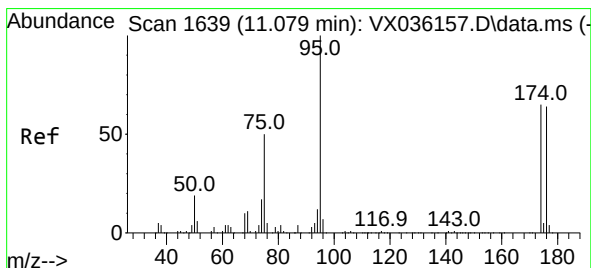
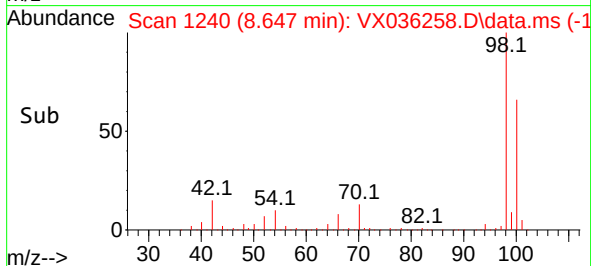
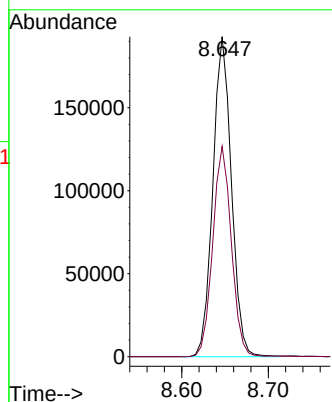
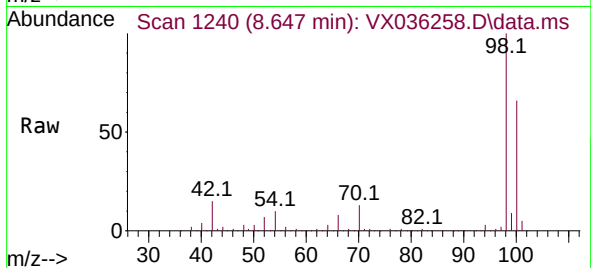




#50  
Toluene-d8  
Concen: 44.201 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX036258.D  
Acq: 21 Jun 2023 10:11

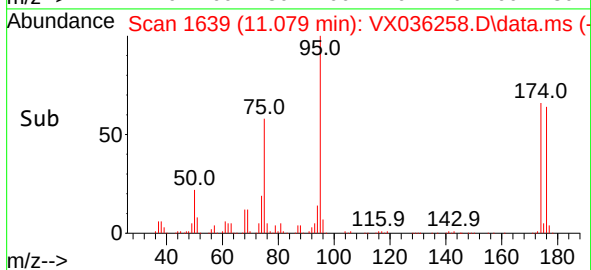
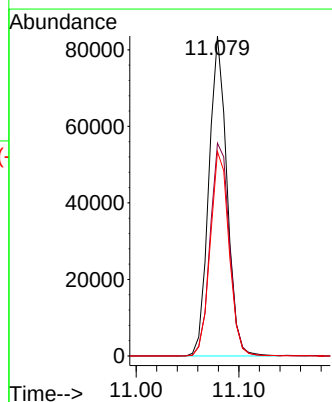
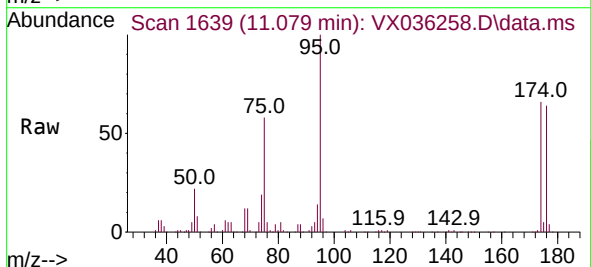
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0621MBL01

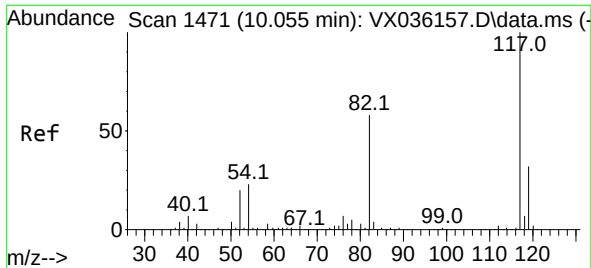
Tgt Ion: 98 Resp: 286696  
Ion Ratio Lower Upper  
98 100  
100 66.0 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 39.069 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036258.D  
Acq: 21 Jun 2023 10:11

Tgt Ion: 95 Resp: 102291  
Ion Ratio Lower Upper  
95 100  
174 70.6 0.0 135.6  
176 66.3 0.0 131.0

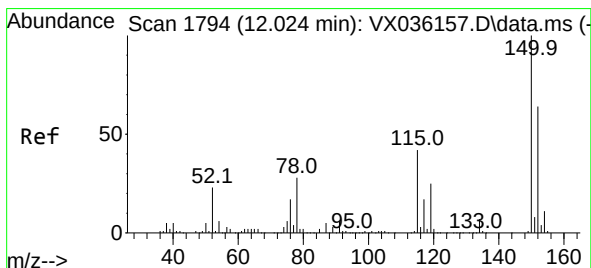
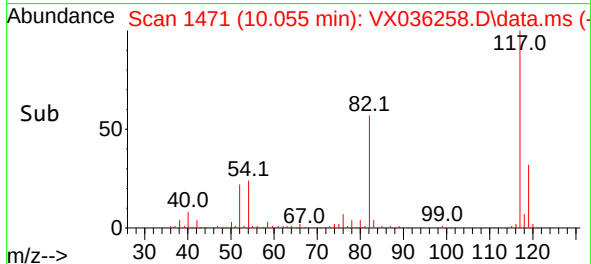
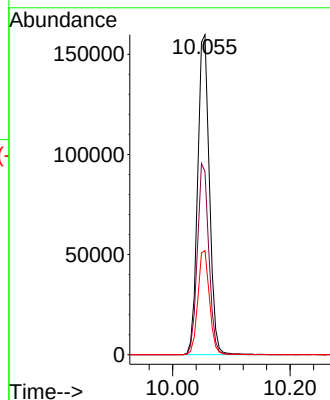
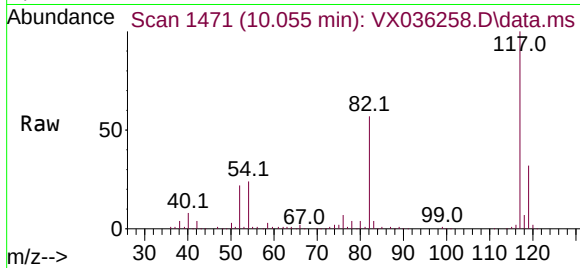




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX036258.D  
Acq: 21 Jun 2023 10:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0621MBL01

Tgt Ion:117 Resp: 221670  
Ion Ratio Lower Upper  
117 100  
82 57.2 46.2 69.4  
119 32.5 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX036258.D  
Acq: 21 Jun 2023 10:11

Tgt Ion:152 Resp: 101280  
Ion Ratio Lower Upper  
152 100  
115 62.3 43.3 129.9  
150 156.0 0.0 345.0

