

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030223\  
 Data File : VX034303.D  
 Acq On : 02 Mar 2023 12:46  
 Operator : JC/MD  
 Sample : 01759-01 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DEP-1

Quant Time: Mar 03 00:22:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 256315   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 416598   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 357430   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 146786   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 149748   | 43.381   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 86.760%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 129433   | 47.718   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.440%  |
| 50) Toluene-d8              | 8.647  | 98    | 493895   | 50.715   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 101.420% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 159193   | 42.735   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 85.480%  |

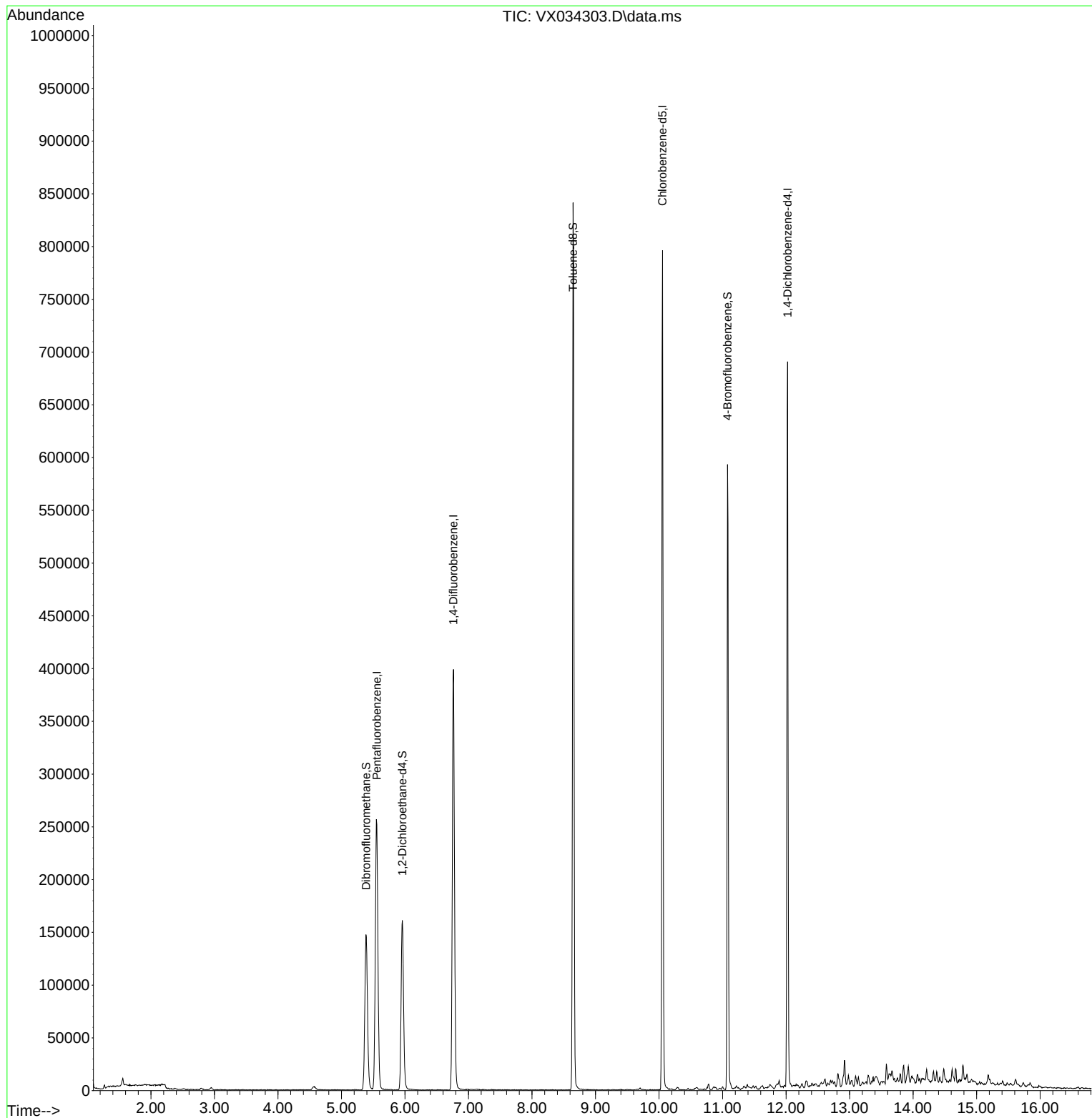
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

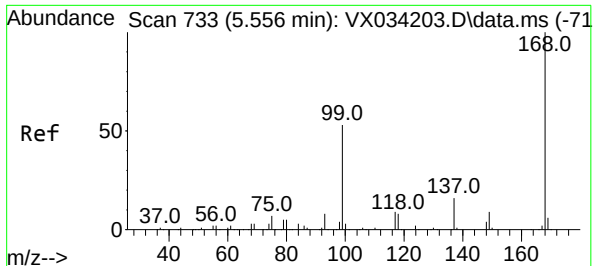
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
DEP-1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 17 12:33:35 2023  
Response via : Initial Calibration

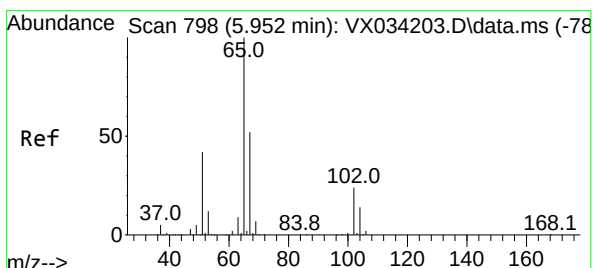
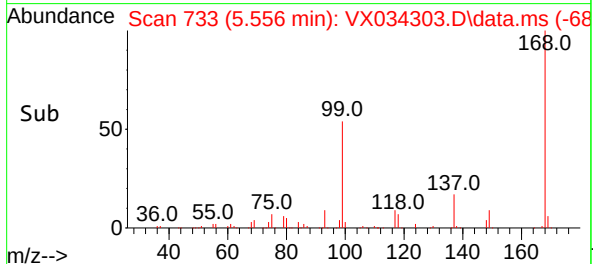
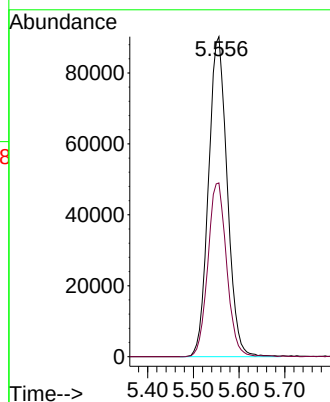
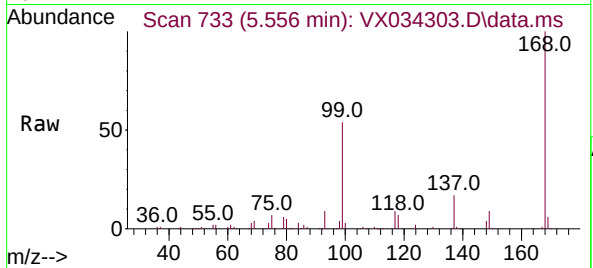




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX034303.D  
Acq: 02 Mar 2023 12:46

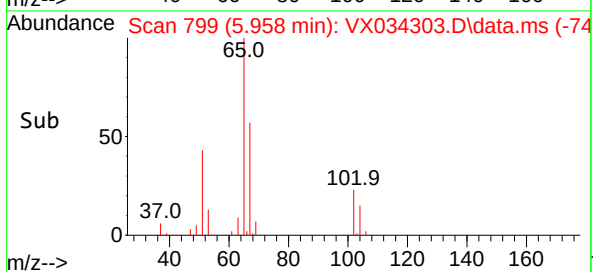
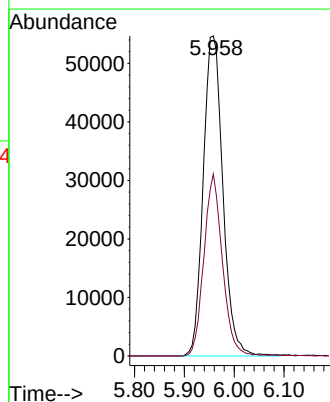
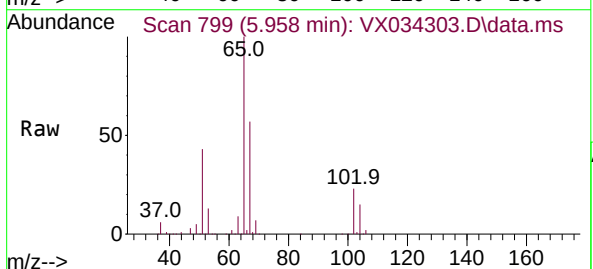
Instrument :  
MSVOA\_X  
ClientSampleId :  
DEP-1

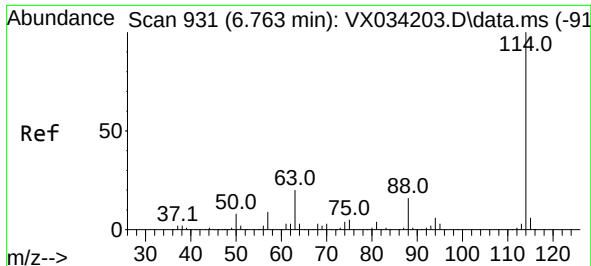
Tgt Ion:168 Resp: 256315  
Ion Ratio Lower Upper  
168 100  
99 54.3 39.6 59.4



#33  
1,2-Dichloroethane-d4  
Concen: 43.381 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX034303.D  
Acq: 02 Mar 2023 12:46

Tgt Ion: 65 Resp: 149748  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 104.8

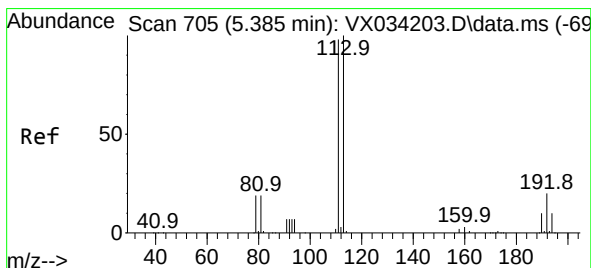
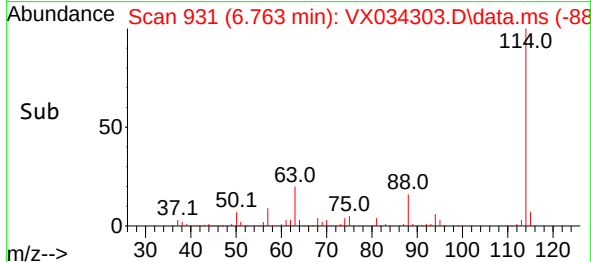
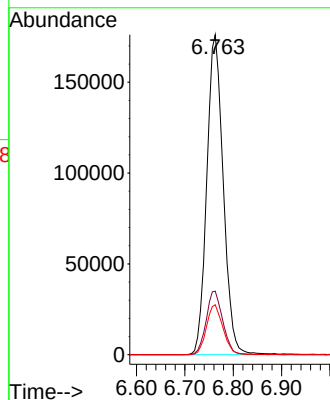
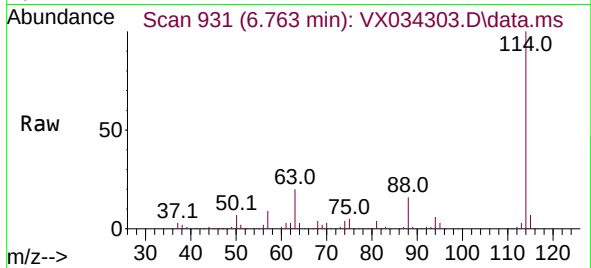




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX034303.D  
Acq: 02 Mar 2023 12:46

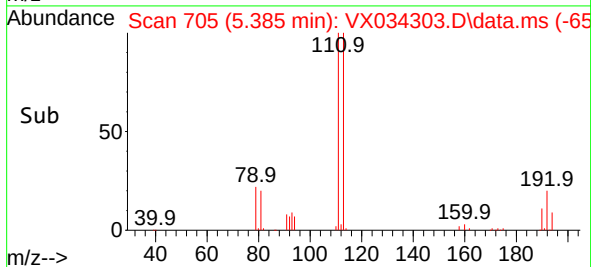
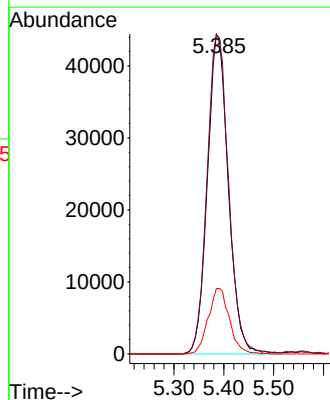
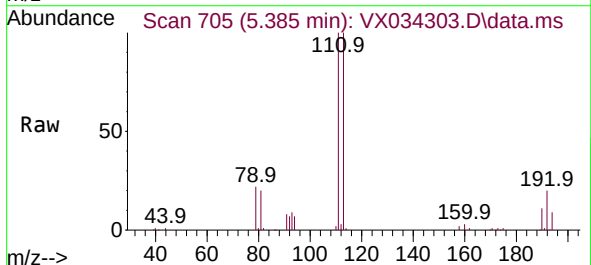
Instrument :  
MSVOA\_X  
ClientSampleId :  
DEP-1

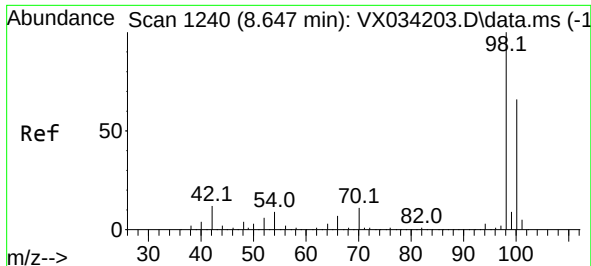
Tgt Ion:114 Resp: 416598  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 37.4  
88 15.6 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 47.718 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX034303.D  
Acq: 02 Mar 2023 12:46

Tgt Ion:113 Resp: 129433  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.0 124.6  
192 20.7 19.0 28.4

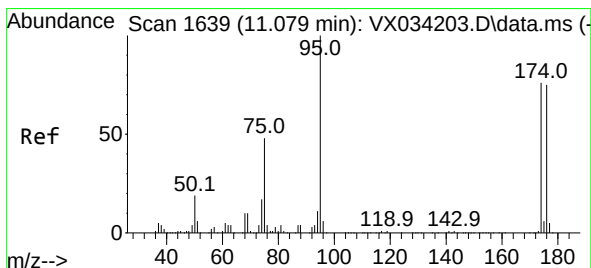
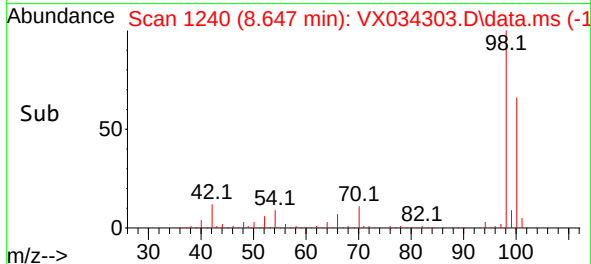
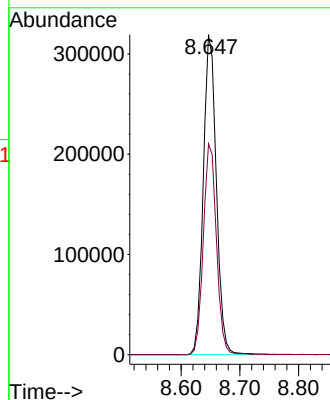
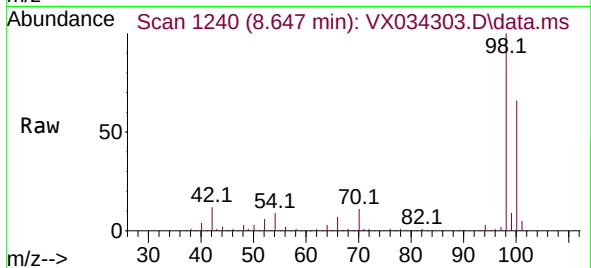




#50  
Toluene-d8  
Concen: 50.715 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034303.D  
Acq: 02 Mar 2023 12:46

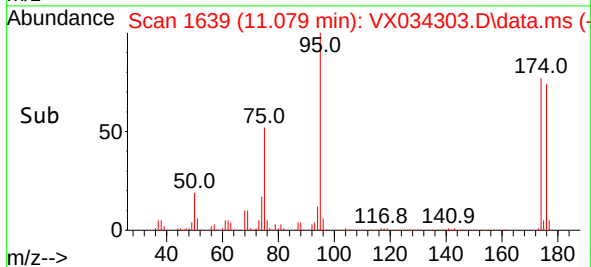
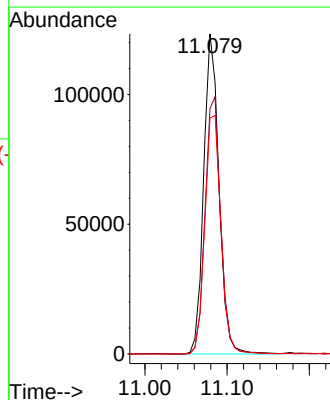
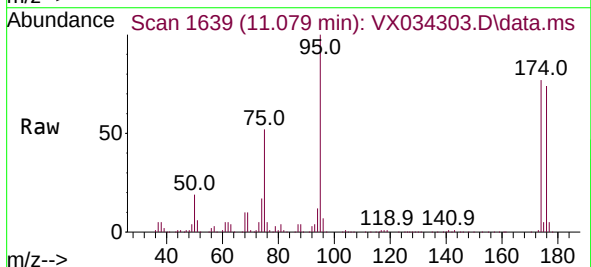
Instrument :  
MSVOA\_X  
ClientSampleId :  
DEP-1

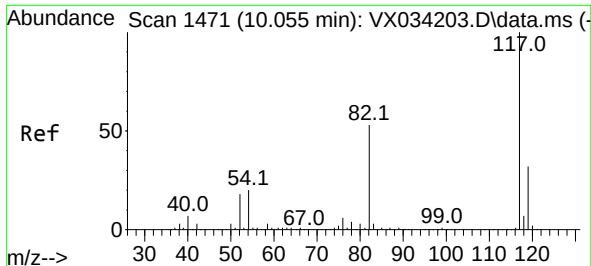
Tgt Ion: 98 Resp: 493895  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 42.735 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034303.D  
Acq: 02 Mar 2023 12:46

Tgt Ion: 95 Resp: 159193  
Ion Ratio Lower Upper  
95 100  
174 82.3 0.0 184.4  
176 78.8 0.0 178.8

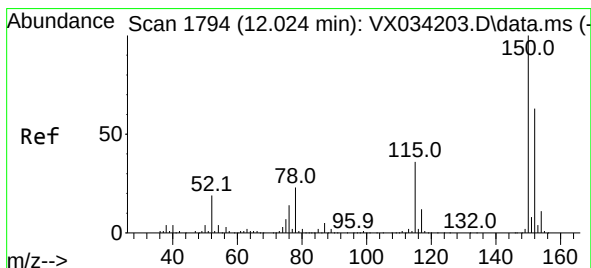
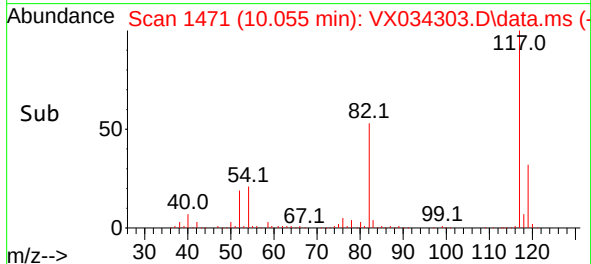
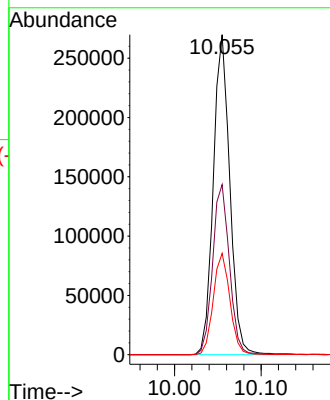
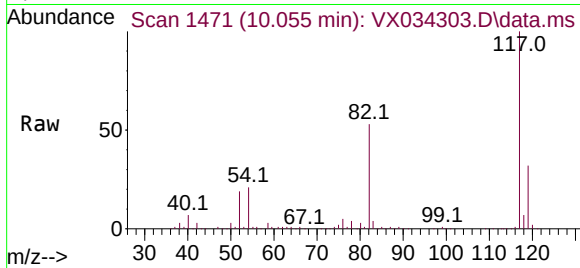




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034303.D  
Acq: 02 Mar 2023 12:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
DEP-1

Tgt Ion:117 Resp: 357430  
Ion Ratio Lower Upper  
117 100  
82 53.1 40.6 60.8  
119 31.6 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: VX034303.D  
Acq: 02 Mar 2023 12:46

Tgt Ion:152 Resp: 146786  
Ion Ratio Lower Upper  
152 100  
115 57.7 38.7 116.1  
150 157.1 0.0 348.2

