

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033123\  
 Data File : VX034881.D  
 Acq On : 31 Mar 2023 16:21  
 Operator : JC/MD  
 Sample : 02149-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 03 01:20:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.549  | 168   | 225529   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 391644   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 351817   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 154332   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 165056   | 47.854   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.700%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 122930   | 47.456   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 94.920%  |
| 50) Toluene-d8              | 8.646  | 98    | 508669   | 53.200   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 106.400% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 166542   | 45.011   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 90.020%  |

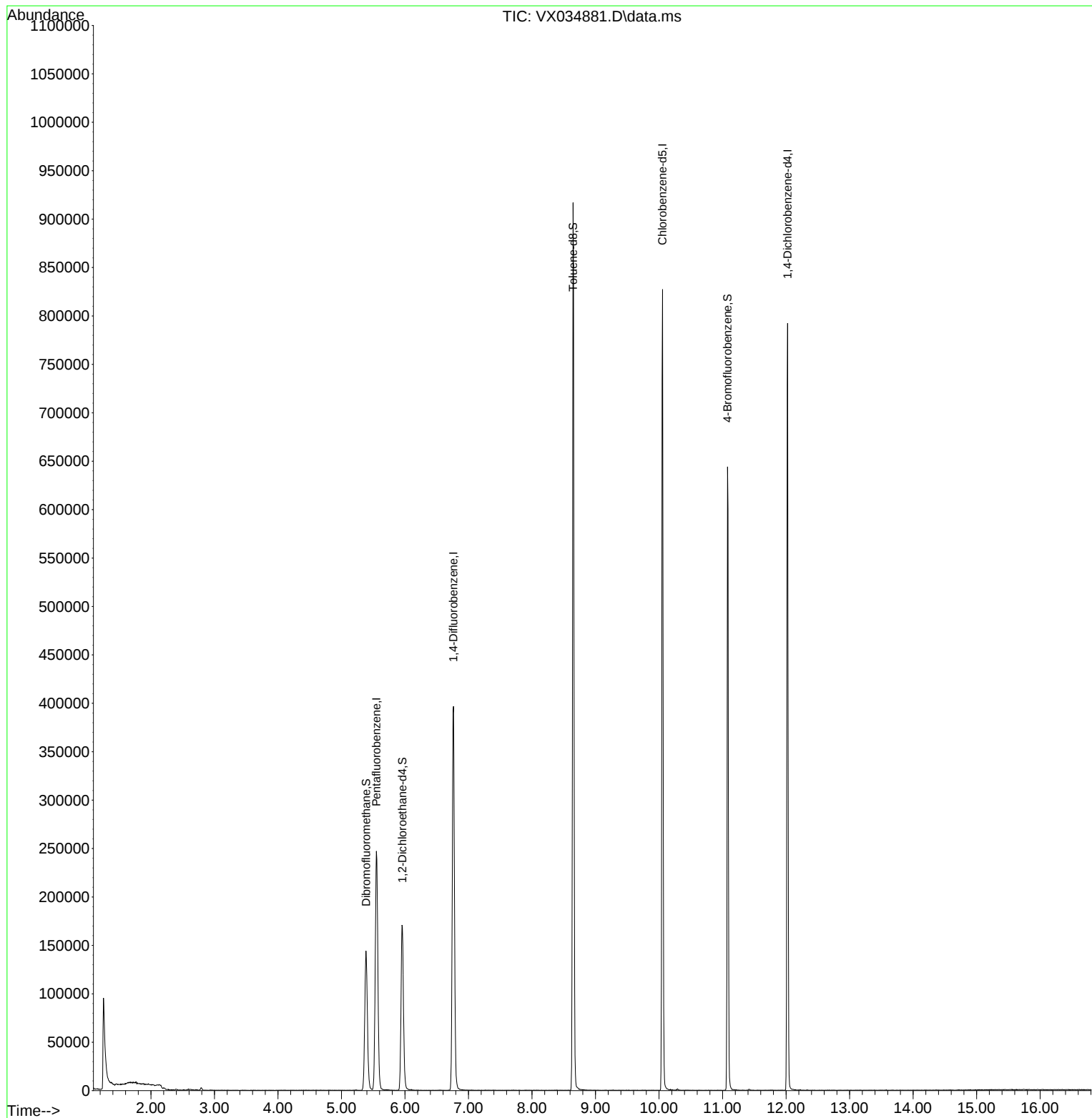
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 01 01:50:18 2023  
Response via : Initial Calibration

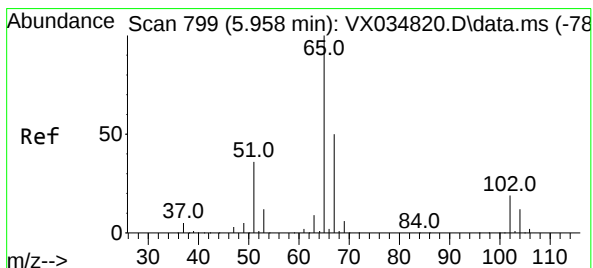
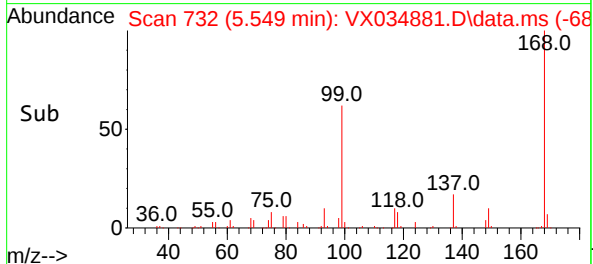
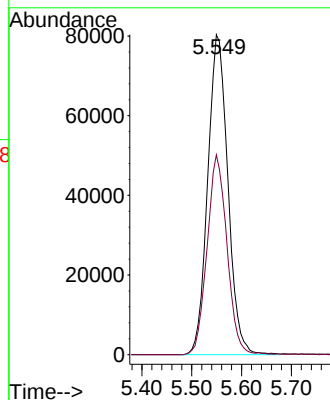
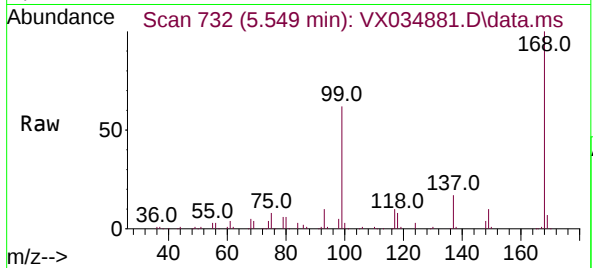




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX034881.D  
Acq: 31 Mar 2023 16:21

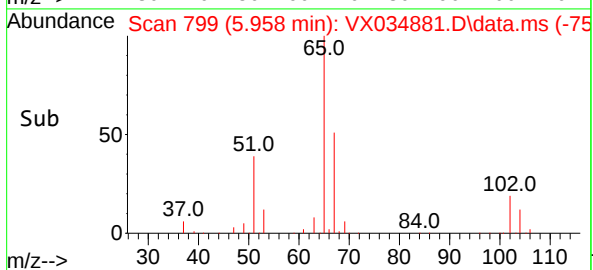
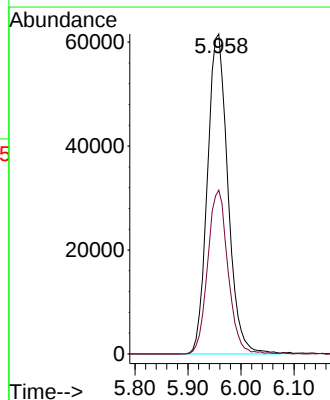
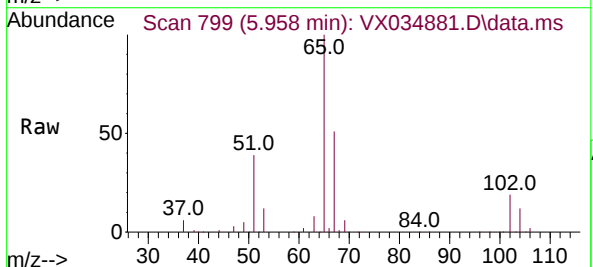
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

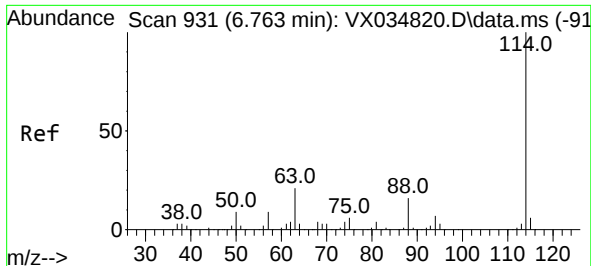
Tgt Ion:168 Resp: 225529  
Ion Ratio Lower Upper  
168 100  
99 62.5 45.7 68.5



#33  
1,2-Dichloroethane-d4  
Concen: 47.854 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX034881.D  
Acq: 31 Mar 2023 16:21

Tgt Ion: 65 Resp: 165056  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 104.0

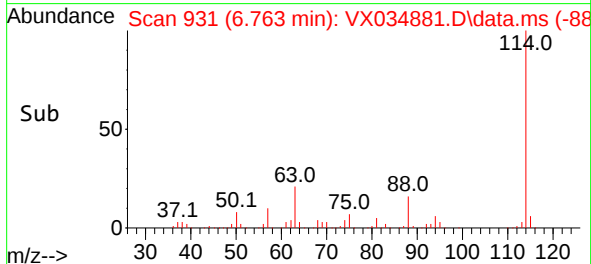
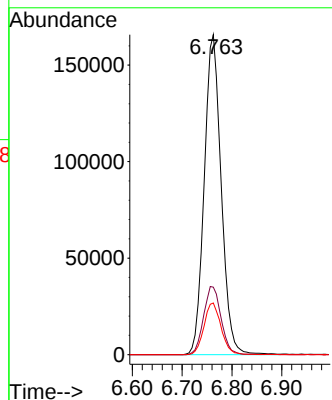
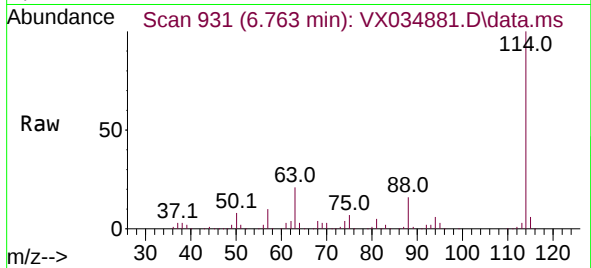




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX034881.D  
Acq: 31 Mar 2023 16:21

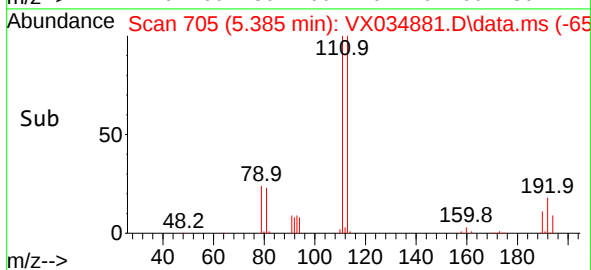
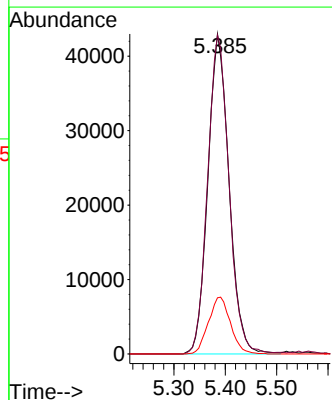
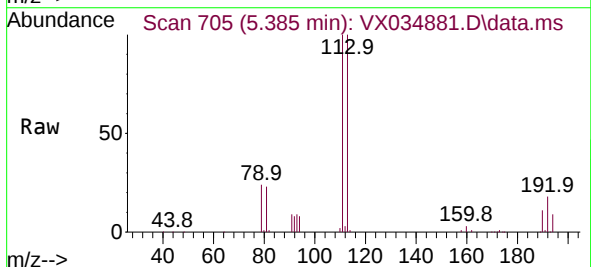
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:114 Resp: 391644  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 42.2  
88 16.1 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 47.456 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX034881.D  
Acq: 31 Mar 2023 16:21

Tgt Ion:113 Resp: 122930  
Ion Ratio Lower Upper  
113 100  
111 100.5 83.7 125.5  
192 18.5 15.4 23.2

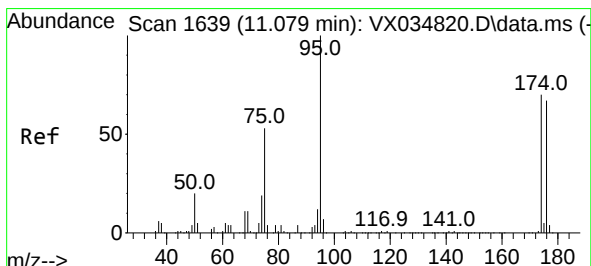
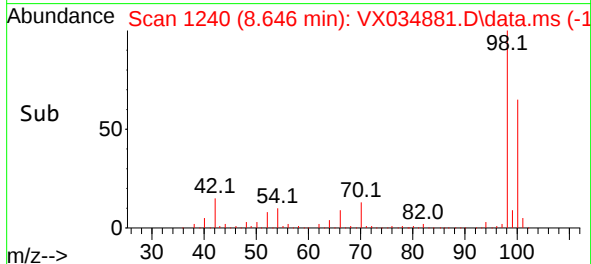
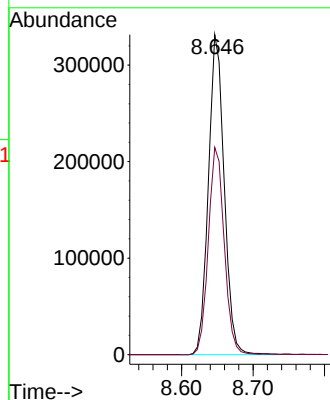
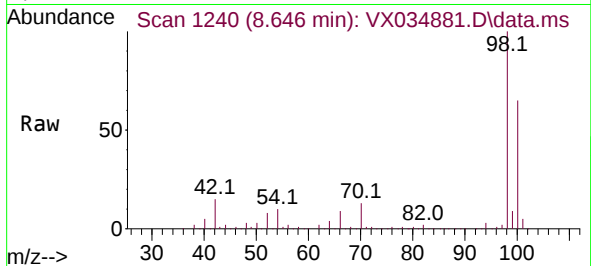




#50  
Toluene-d8  
Concen: 53.200 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034881.D  
Acq: 31 Mar 2023 16:21

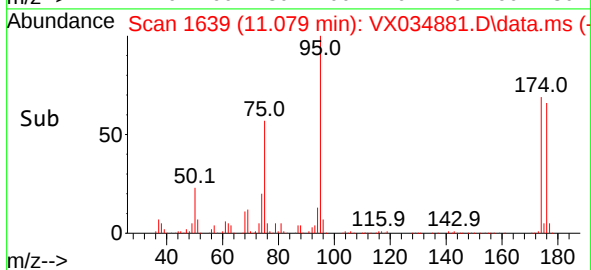
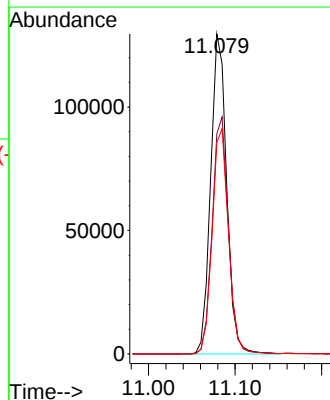
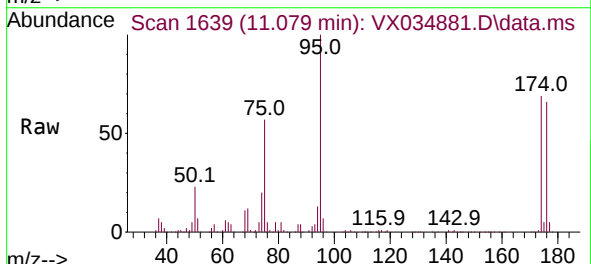
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

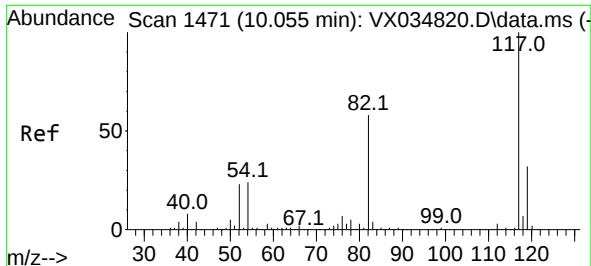
Tgt Ion: 98 Resp: 508669  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 45.011 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034881.D  
Acq: 31 Mar 2023 16:21

Tgt Ion: 95 Resp: 166542  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 147.4  
176 71.5 0.0 140.6

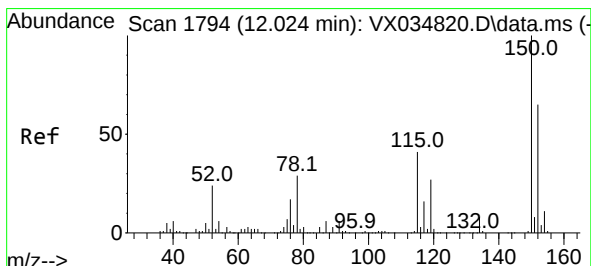
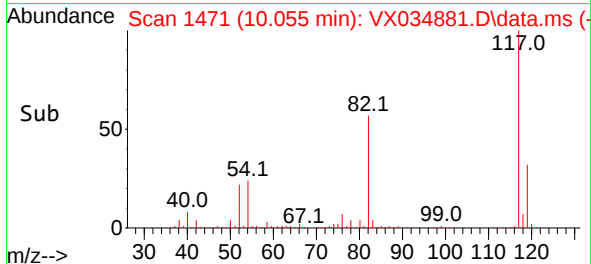
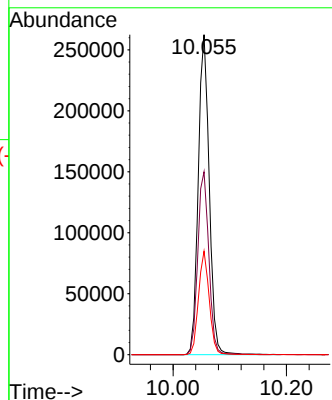
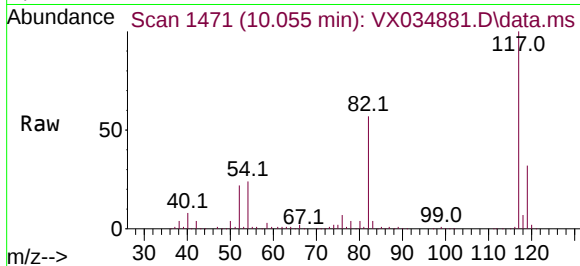




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034881.D  
Acq: 31 Mar 2023 16:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 351817  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.0 67.4  
119 32.4 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX034881.D  
Acq: 31 Mar 2023 16:21

Tgt Ion:152 Resp: 154332  
Ion Ratio Lower Upper  
152 100  
115 61.9 45.0 135.0  
150 159.4 0.0 352.4

