

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051021\  
 Data File : VD069123.D  
 Acq On : 10 May 2021 15:16  
 Operator : VA/SY  
 Sample : M2309-01  
 Misc : 4.99G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MH-TP1

Quant Time: May 11 01:03:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 05 04:16:41 2021  
 Response via : Initial Calibration

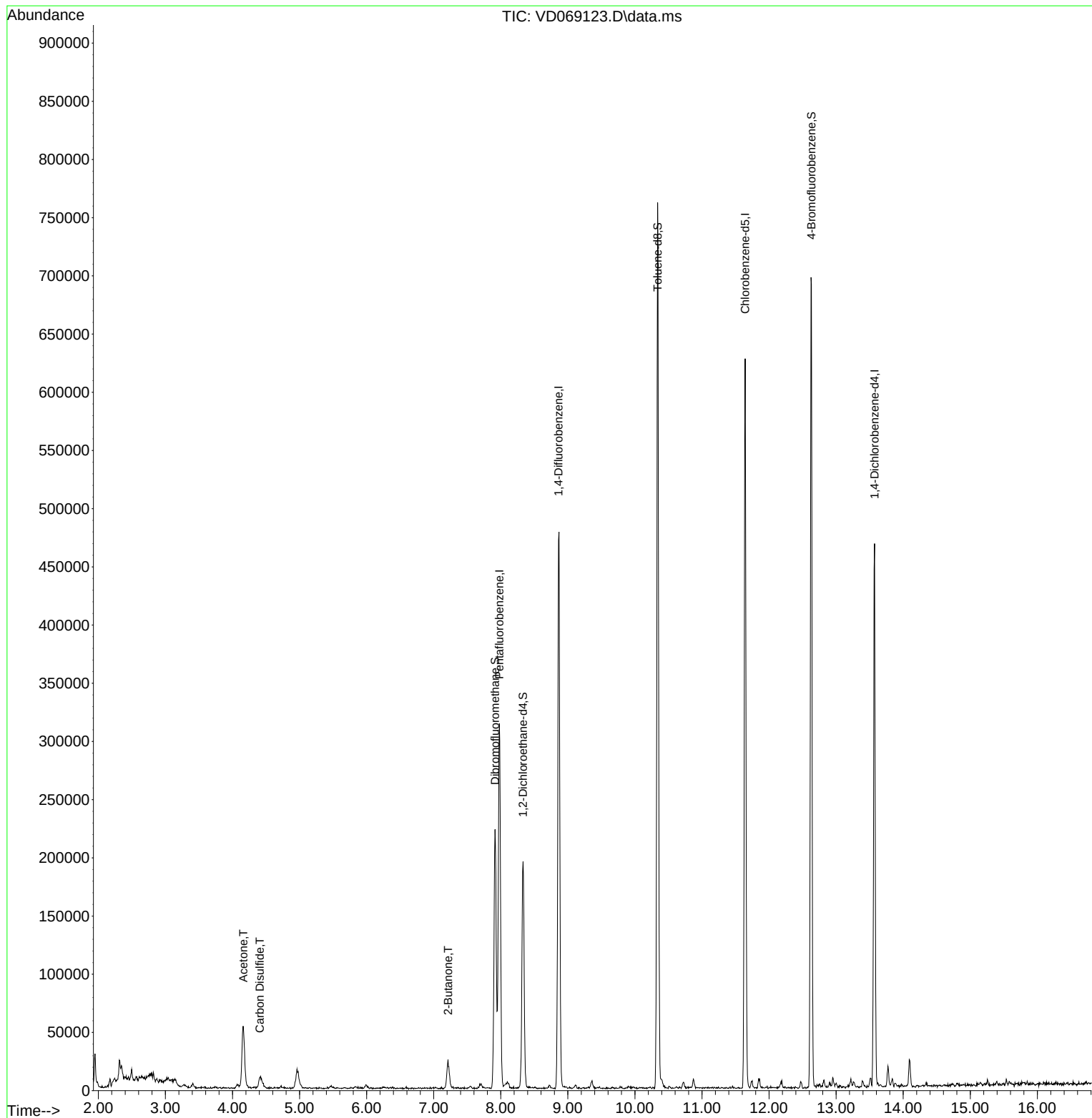
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 233891   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 426001   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 11.643 | 117   | 369434   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.573 | 152   | 126924   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 154844   | 51.37    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.74% |          |
| 35) Dibromofluoromethane    | 7.914  | 113   | 157219   | 53.82    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 107.64% |          |
| 50) Toluene-d8              | 10.338 | 98    | 521389   | 48.34    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 96.68%  |          |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 142849   | 40.27    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 80.54%  |          |
| Target Compounds            |        |       |          |          |           |          |
| 16) Acetone                 | 4.161  | 43    | 92806    | 215.87   | ug/l      | 97       |
| 17) Carbon Disulfide        | 4.408  | 76    | 18480    | 2.23     | ug/l      | 95       |
| 25) 2-Butanone              | 7.214  | 43    | 29508    | 45.79    | ug/l      | 90       |
| -----                       |        |       |          |          |           |          |

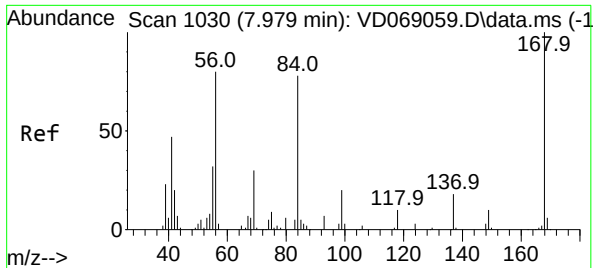
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051021\  
Data File : VD069123.D  
Acq On : 10 May 2021 15:16  
Operator : VA/SY  
Sample : M2309-01  
Misc : 4.99G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
MH-TP1

Quant Time: May 11 01:03:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050421S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 05 04:16:41 2021  
Response via : Initial Calibration

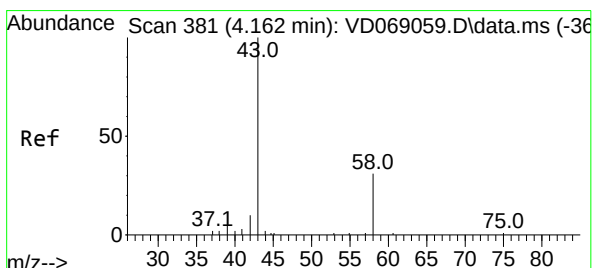
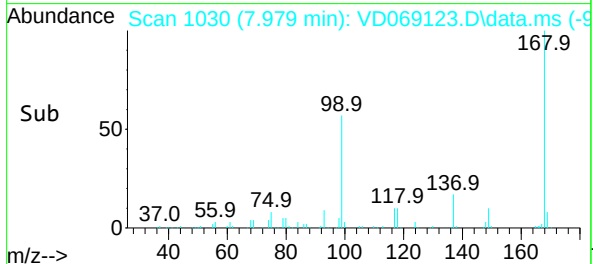
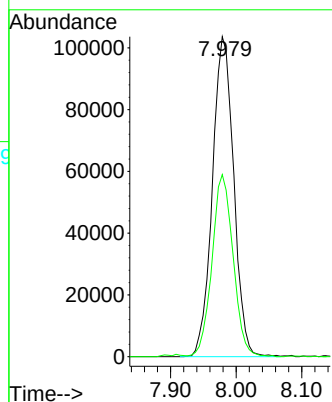
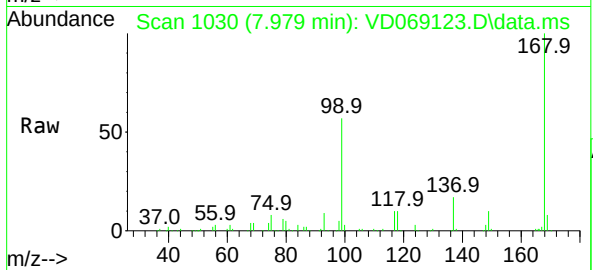




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

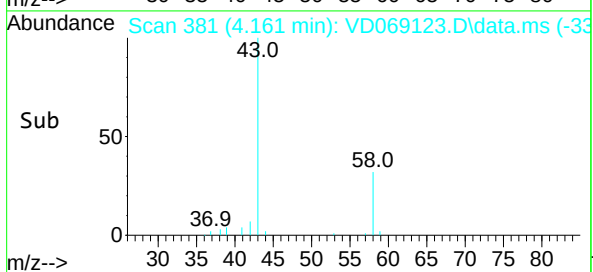
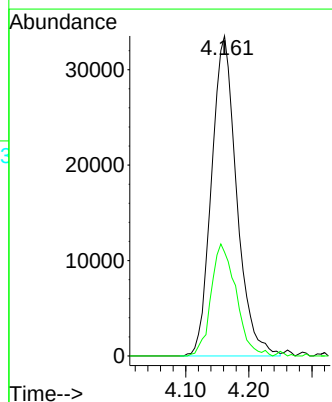
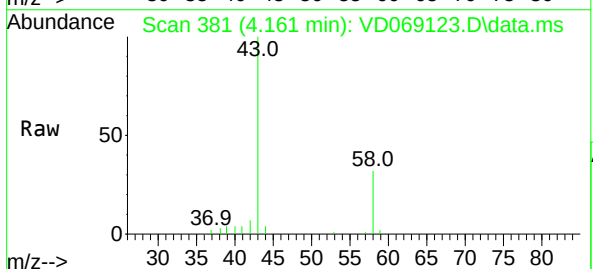
Instrument :  
MSVOA\_D  
ClientSampleId :  
MH-TP1

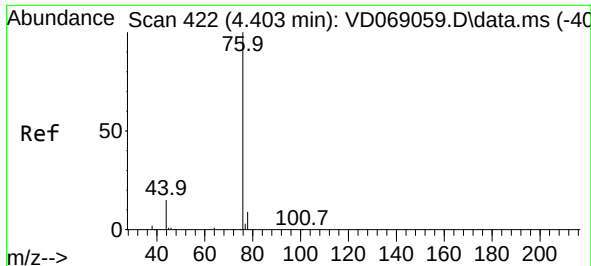
Tgt Ion:168 Resp: 233891  
Ion Ratio Lower Upper  
168 100  
99 56.9 52.6 78.8



#16  
Acetone  
Concen: 215.87 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. -0.001 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

Tgt Ion: 43 Resp: 92806  
Ion Ratio Lower Upper  
43 100  
58 32.4 24.5 36.7

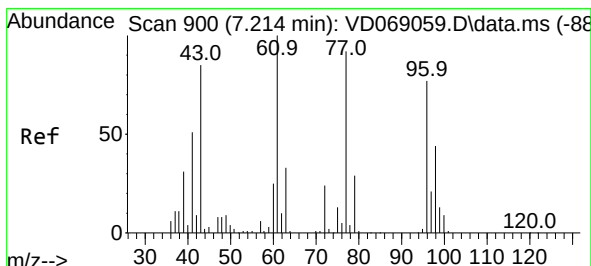
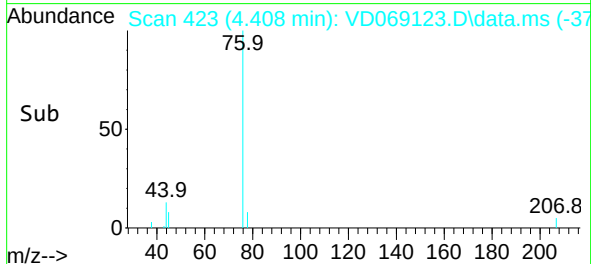
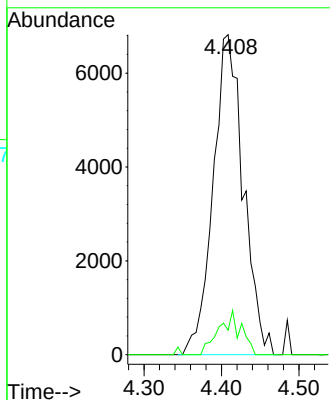
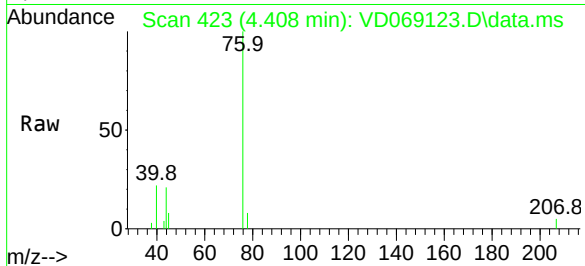




#17  
Carbon Disulfide  
Concen: 2.23 ug/l  
RT: 4.408 min Scan# 423  
Delta R.T. 0.006 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

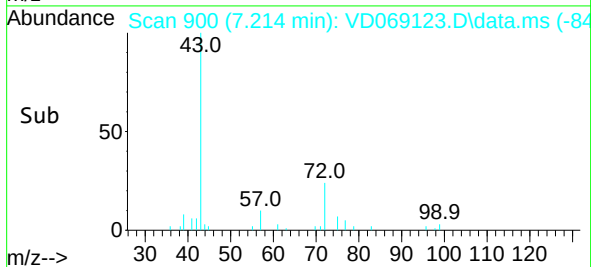
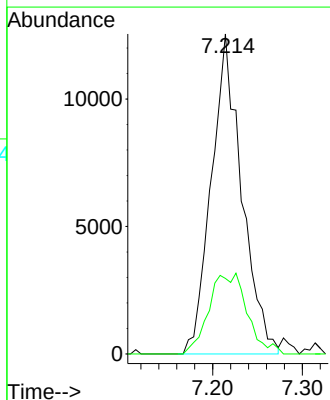
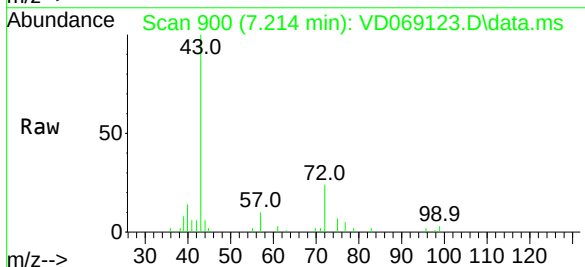
Instrument :  
MSVOA\_D  
ClientSampleId :  
MH-TP1

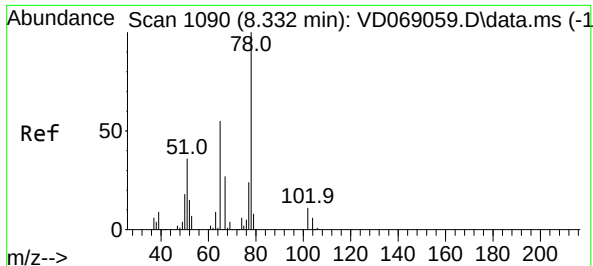
Tgt Ion: 76 Resp: 18480  
Ion Ratio Lower Upper  
76 100  
78 7.6 7.4 11.2



#25  
2-Butanone  
Concen: 45.79 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

Tgt Ion: 43 Resp: 29508  
Ion Ratio Lower Upper  
43 100  
72 23.6 23.0 34.4

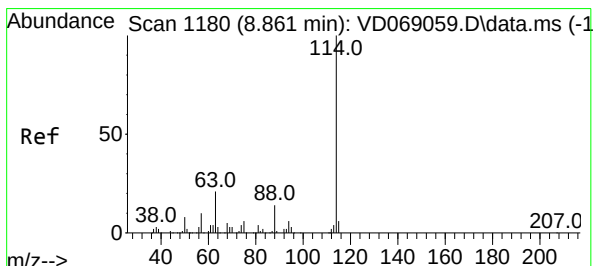
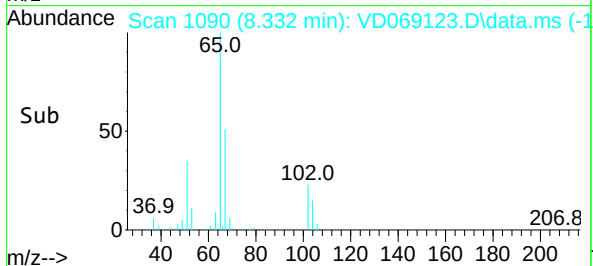
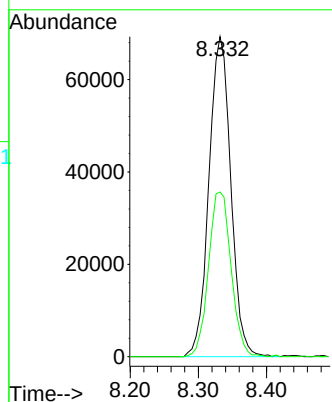
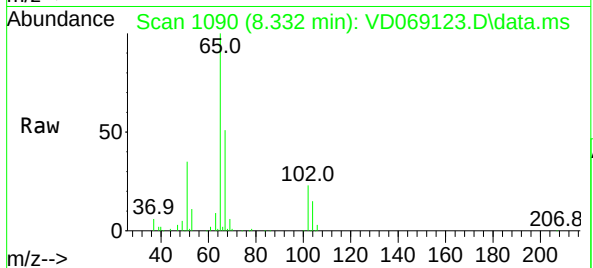




#33  
1,2-Dichloroethane-d4  
Concen: 51.37 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

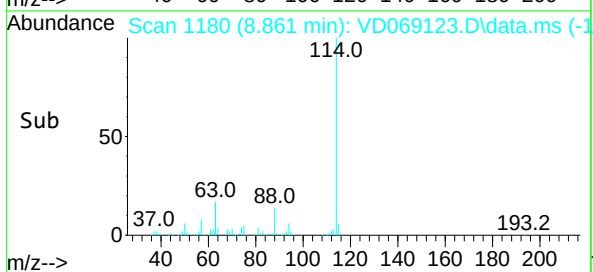
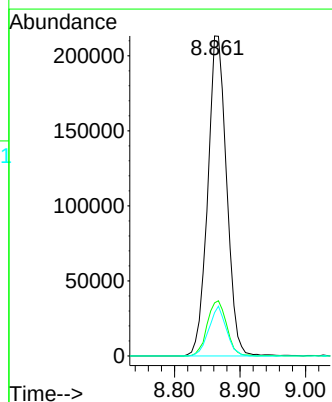
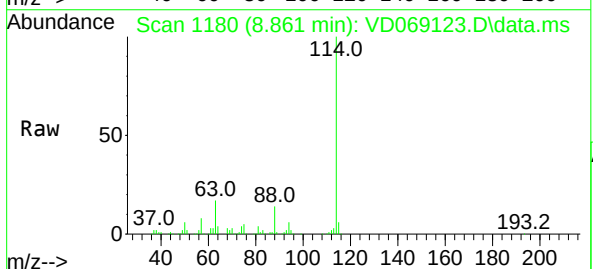
Instrument :  
MSVOA\_D  
ClientSampleId :  
MH-TP1

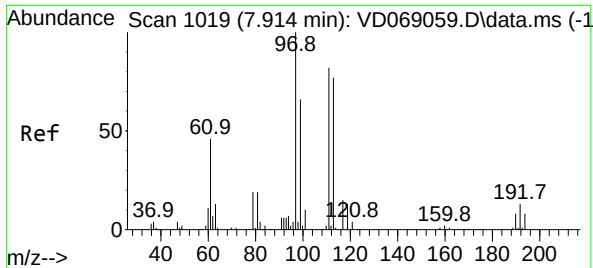
Tgt Ion: 65 Resp: 154844  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

Tgt Ion: 114 Resp: 426001  
Ion Ratio Lower Upper  
114 100  
63 16.6 0.0 41.4  
88 13.6 0.0 27.8

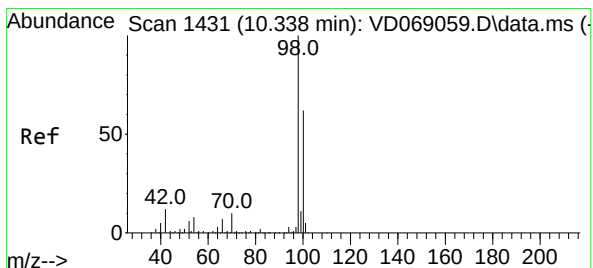
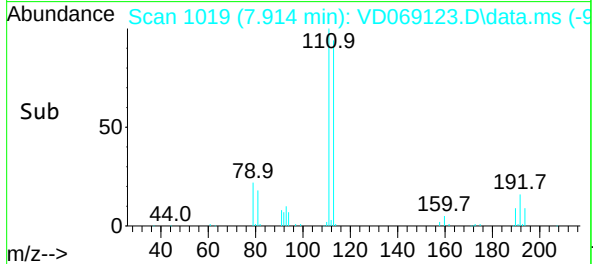
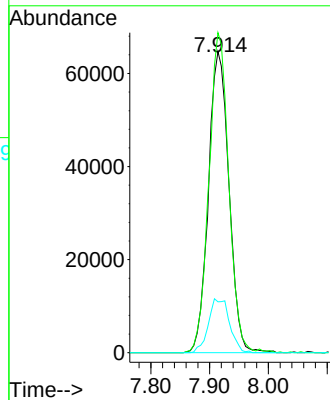
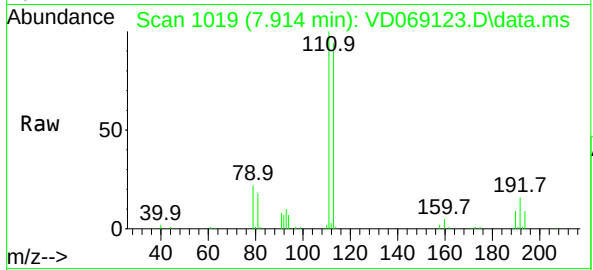




#35  
Dibromofluoromethane  
Concen: 53.82 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

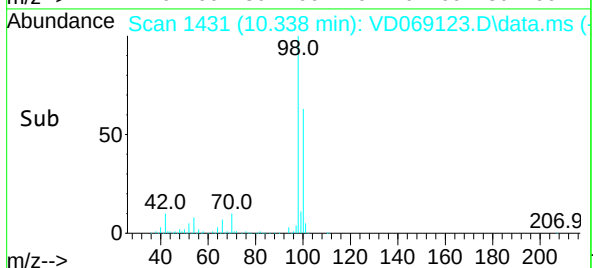
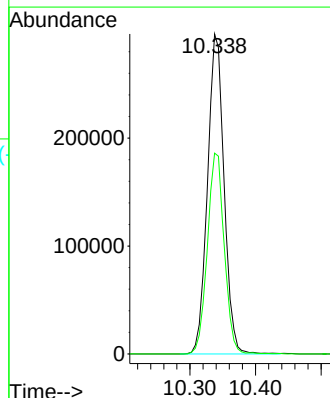
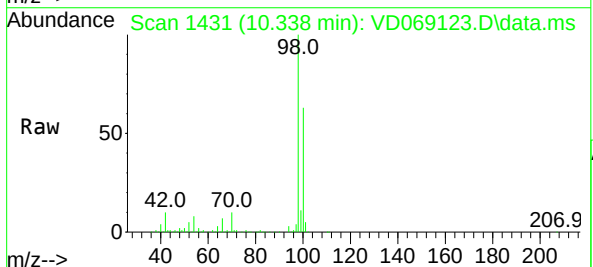
Instrument :  
MSVOA\_D  
ClientSampled :  
MH-TP1

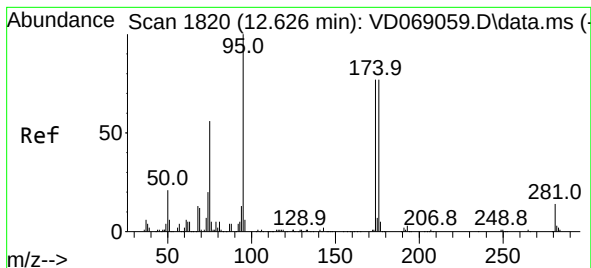
Tgt Ion:113 Resp: 157219  
Ion Ratio Lower Upper  
113 100  
111 102.4 84.6 126.8  
192 18.3 13.5 20.3



#50  
Toluene-d8  
Concen: 48.34 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

Tgt Ion: 98 Resp: 521389  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.6 77.4

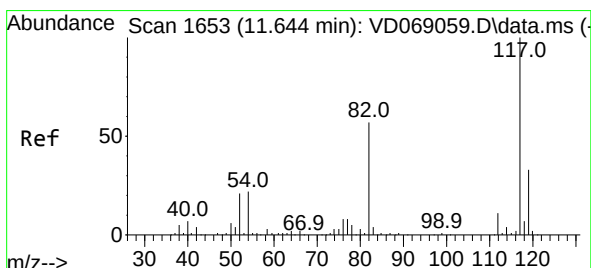
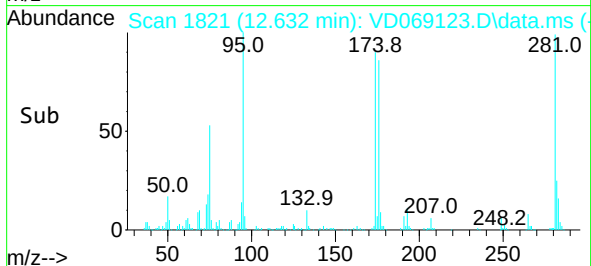
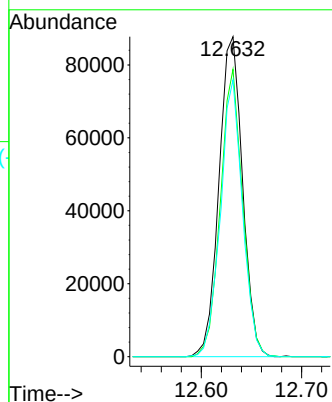
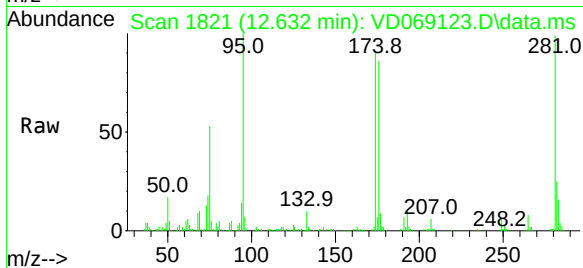




#62  
4-Bromofluorobenzene  
Concen: 40.27 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

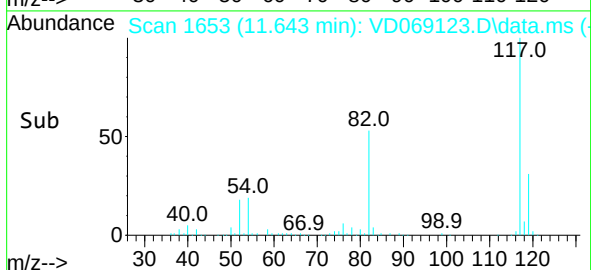
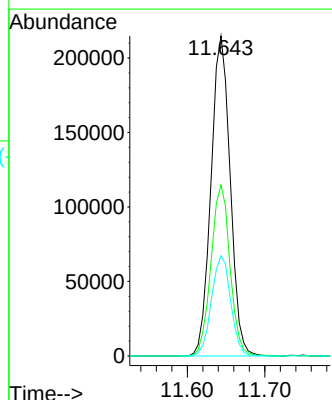
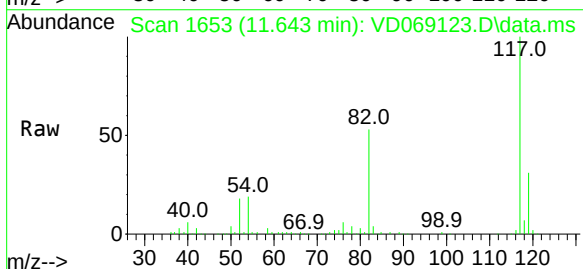
Instrument :  
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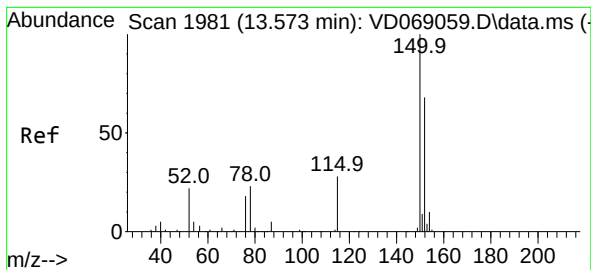
Tgt Ion: 95 Resp: 142849  
Ion Ratio Lower Upper  
95 100  
174 84.9 0.0 156.0  
176 81.1 0.0 149.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. -0.000 min  
Lab File: VD069123.D  
Acq: 10 May 2021 15:16

Tgt Ion: 117 Resp: 369434  
Ion Ratio Lower Upper  
117 100  
82 53.4 45.4 68.2  
119 31.4 26.8 40.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.573 min Scan# 1981  
 Delta R.T. -0.000 min  
 Lab File: VD069123.D  
 Acq: 10 May 2021 15:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MH-TP1

Tgt Ion:152 Resp: 126924  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 56.4  | 30.5  | 91.5  |
| 150 | 153.4 | 0.0   | 340.8 |

