

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD071521\  
 Data File : VD069708.D  
 Acq On : 15 Jul 2021 15:38  
 Operator : VA/SY  
 Sample : M3002-01  
 Misc : 5.56G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-F

Quant Time: Jul 16 02:02:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071321S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 14 06:00:31 2021  
 Response via : Initial Calibration

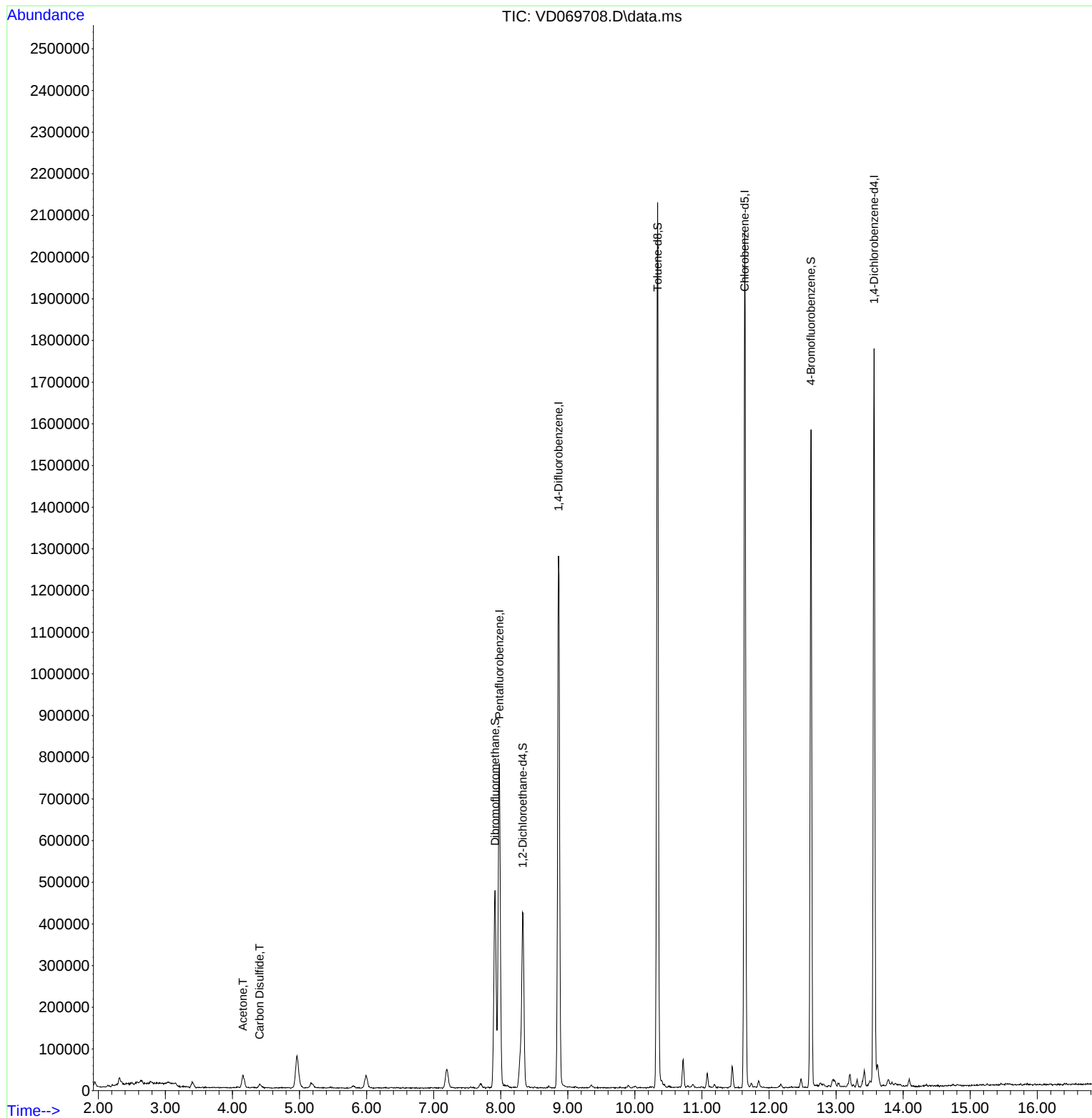
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 545824   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 1100836  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 1161642  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 454377   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 325682   | 47.787   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 95.580%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 351115   | 47.542   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 95.080%  |
| 50) Toluene-d8              | 10.338 | 98    | 1429096  | 49.808   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 99.620%  |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 506512   | 52.932   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 105.860% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.156  | 43    | 51527    | 45.937   | ug/l   | 96       |
| 17) Carbon Disulfide        | 4.403  | 76    | 15983    | 1.190    | ug/l # | 93       |
| -----                       |        |       |          |          |        |          |

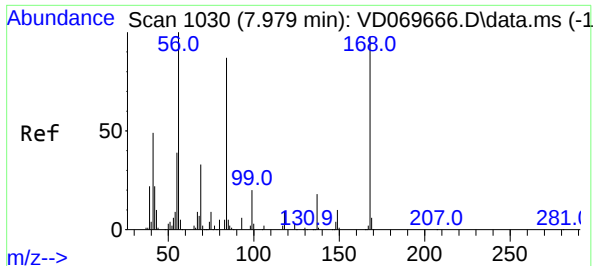
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD071521\  
Data File : VD069708.D  
Acq On : 15 Jul 2021 15:38  
Operator : VA/SY  
Sample : M3002-01  
Misc : 5.56G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP-F

Quant Time: Jul 16 02:02:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071321S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 14 06:00:31 2021  
Response via : Initial Calibration

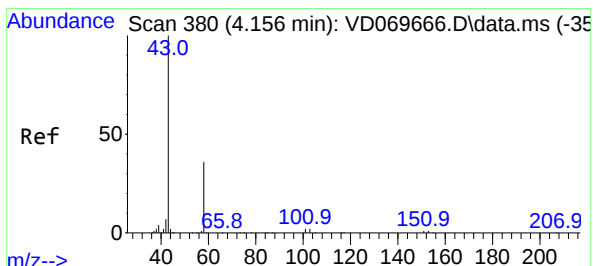
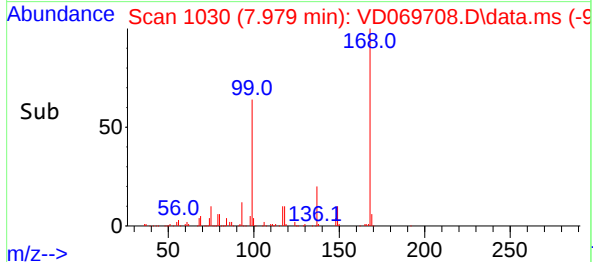
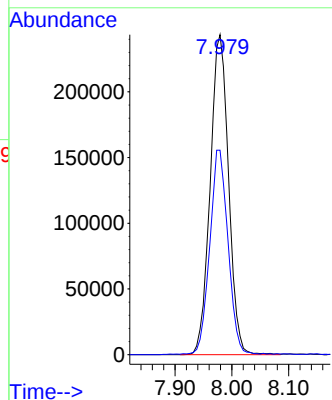
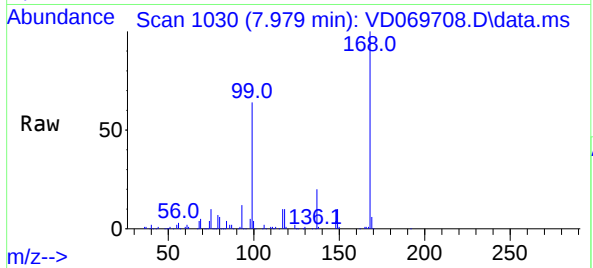




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

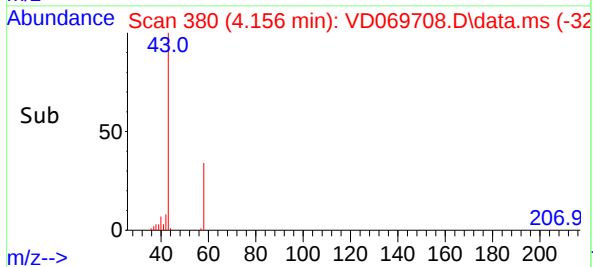
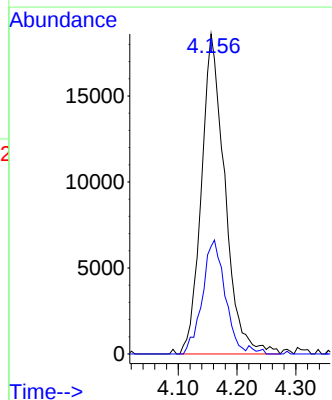
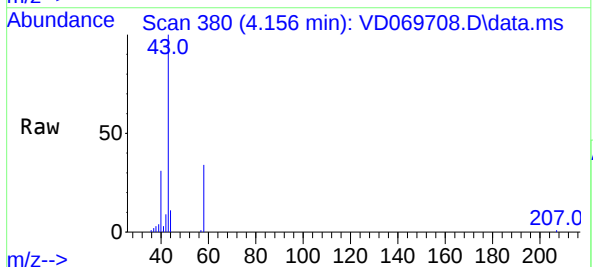
Instrument :  
MSVOA\_D  
ClientSampled :  
TP-F

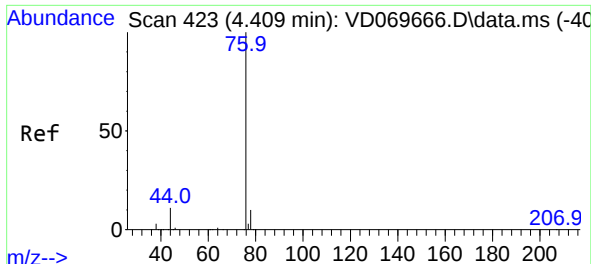
Tgt Ion:168 Resp: 545824  
Ion Ratio Lower Upper  
168 100  
99 63.8 51.8 77.6



#16  
Acetone  
Concen: 45.937 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

Tgt Ion: 43 Resp: 51527  
Ion Ratio Lower Upper  
43 100  
58 33.6 28.6 42.8

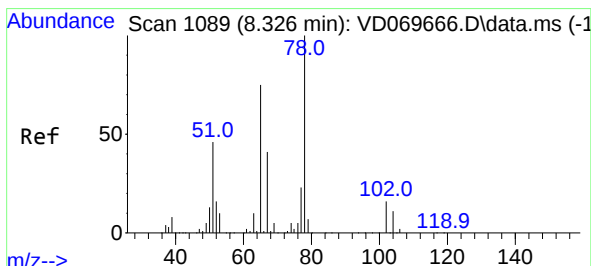
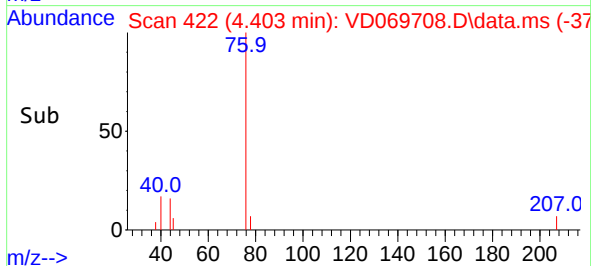
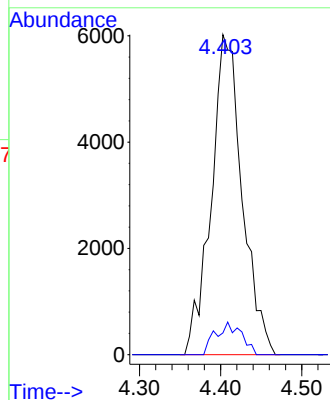
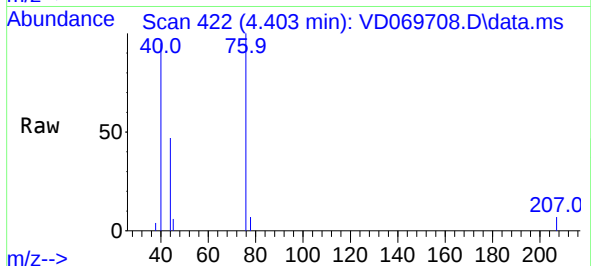




#17  
Carbon Disulfide  
Concen: 1.190 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

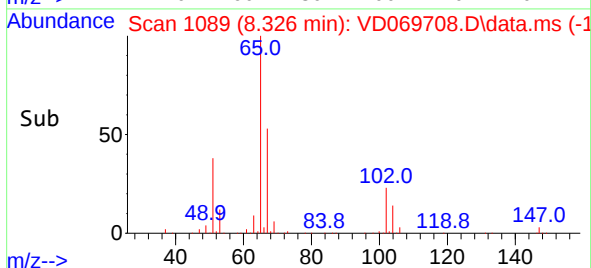
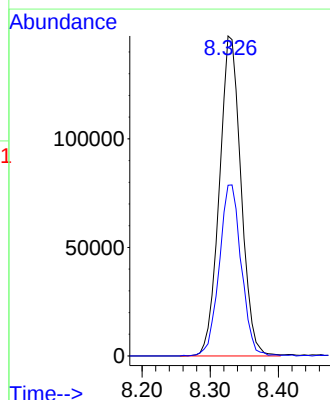
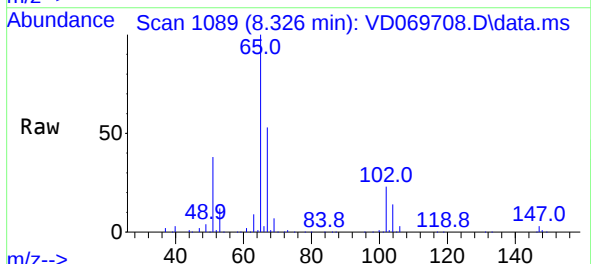
Instrument :  
MSVOA\_D  
ClientSampled :  
TP-F

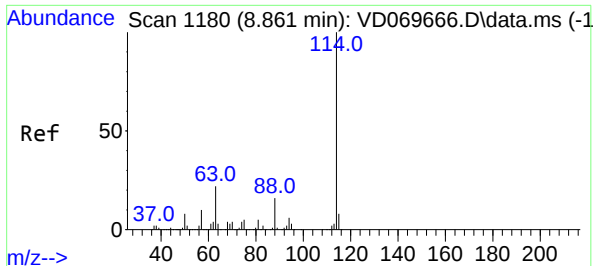
Tgt Ion: 76 Resp: 15983  
Ion Ratio Lower Upper  
76 100  
78 6.8 7.6 11.4#



#33  
1,2-Dichloroethane-d4  
Concen: 47.787 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

Tgt Ion: 65 Resp: 325682  
Ion Ratio Lower Upper  
65 100  
67 54.6 0.0 107.2



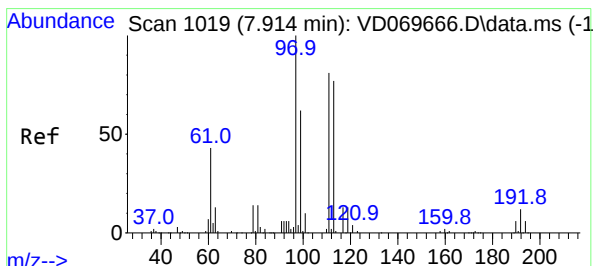
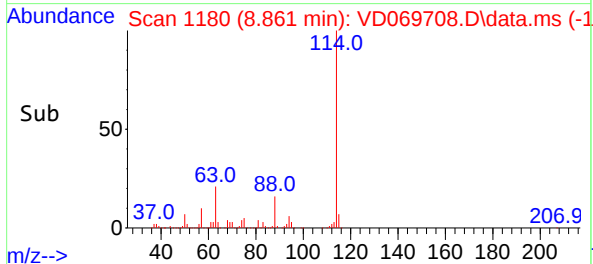
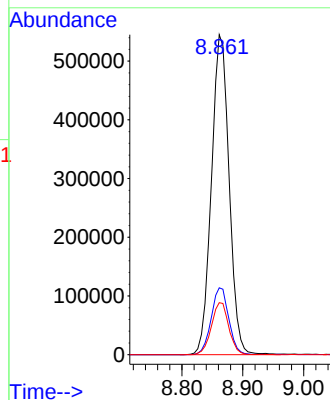
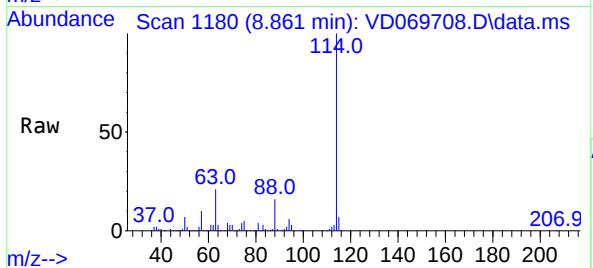


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

Instrument :  
MSVOA\_D  
ClientSampled :  
TP-F

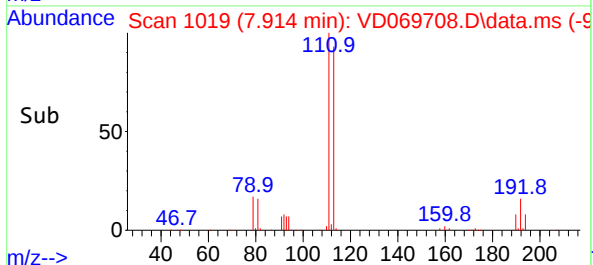
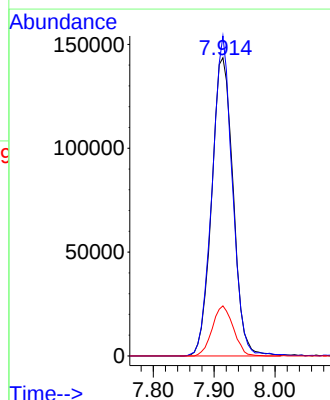
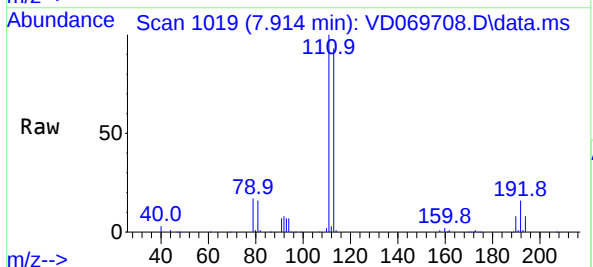
Tgt Ion:114 Resp: 1100836  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 43.4  
88 16.3 0.0 32.0

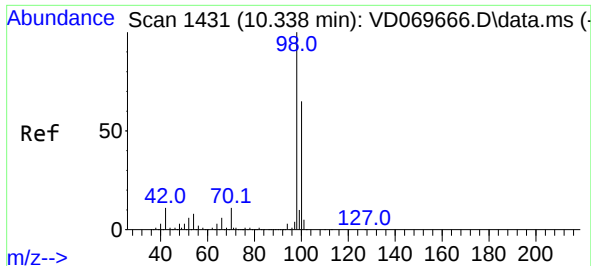


#35

Dibromofluoromethane  
Concen: 47.542 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

Tgt Ion:113 Resp: 351115  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.6 123.8  
192 16.5 12.7 19.1

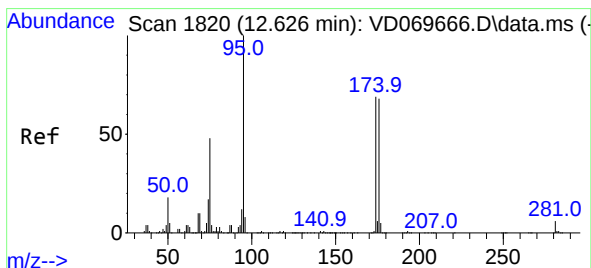
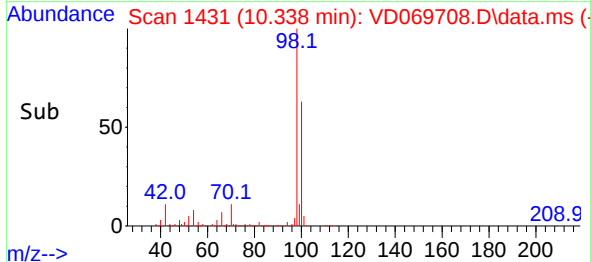
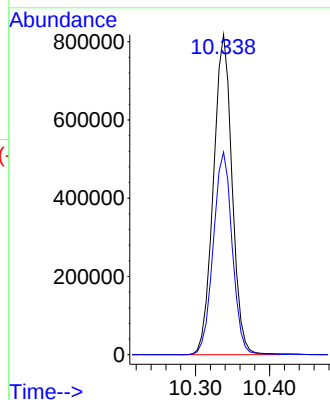
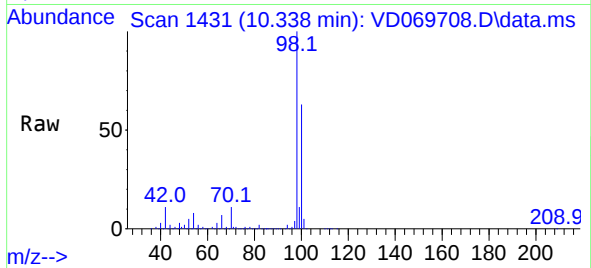




#50  
Toluene-d8  
Concen: 49.808 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

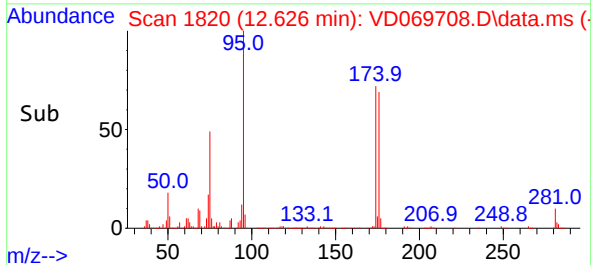
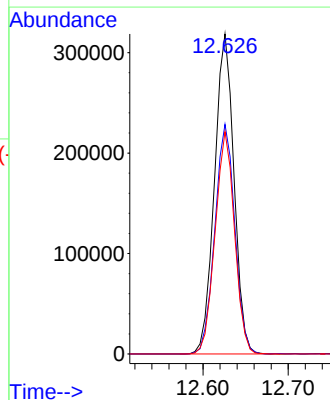
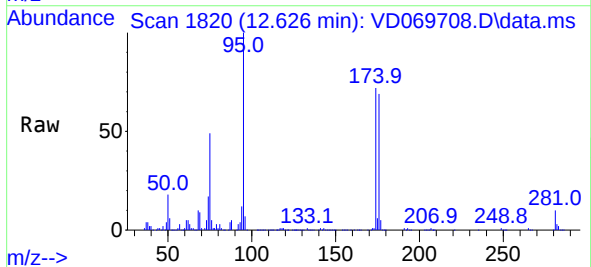
Instrument :  
MSVOA\_D  
ClientSampled :  
TP-F

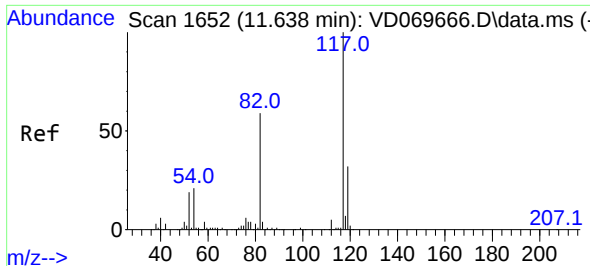
Tgt Ion: 98 Resp: 1429096  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.2 78.2



#62  
4-Bromofluorobenzene  
Concen: 52.932 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

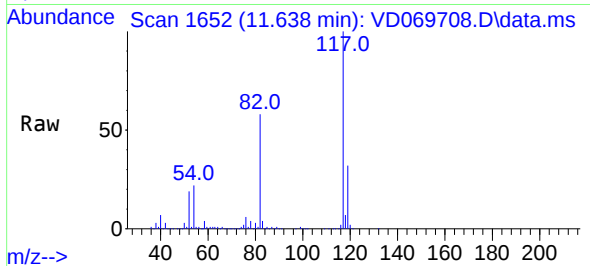
Tgt Ion: 95 Resp: 506512  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 140.0  
176 69.1 0.0 136.2



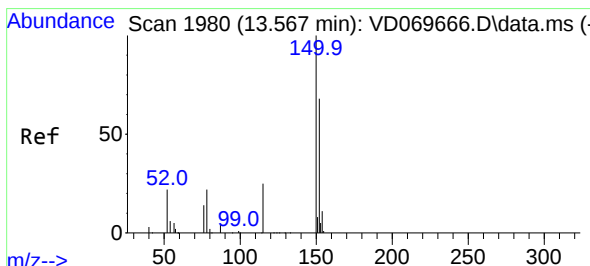
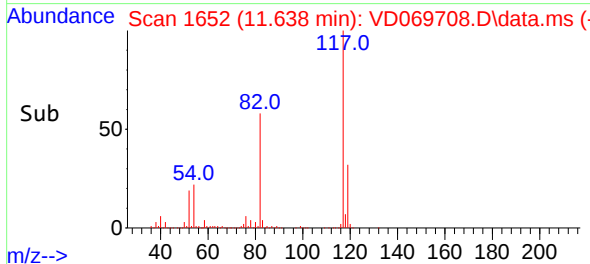
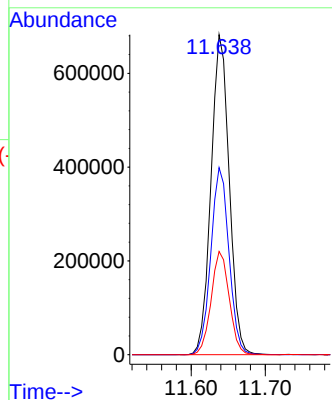


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP-F



Tgt Ion:117 Resp: 1161642  
Ion Ratio Lower Upper  
117 100  
82 58.4 47.4 71.2  
119 32.3 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD069708.D  
Acq: 15 Jul 2021 15:38

Tgt Ion:152 Resp: 454377  
Ion Ratio Lower Upper  
152 100  
115 62.8 31.7 95.1  
150 158.4 0.0 350.4

