

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060721\  
 Data File : VD069376.D  
 Acq On : 07 Jun 2021 19:05  
 Operator : VA/SY  
 Sample : M2625-04  
 Misc : 6.21G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 18-B12(150-154)

Quant Time: Jun 08 04:24:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060121S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 02 02:17:36 2021  
 Response via : Initial Calibration

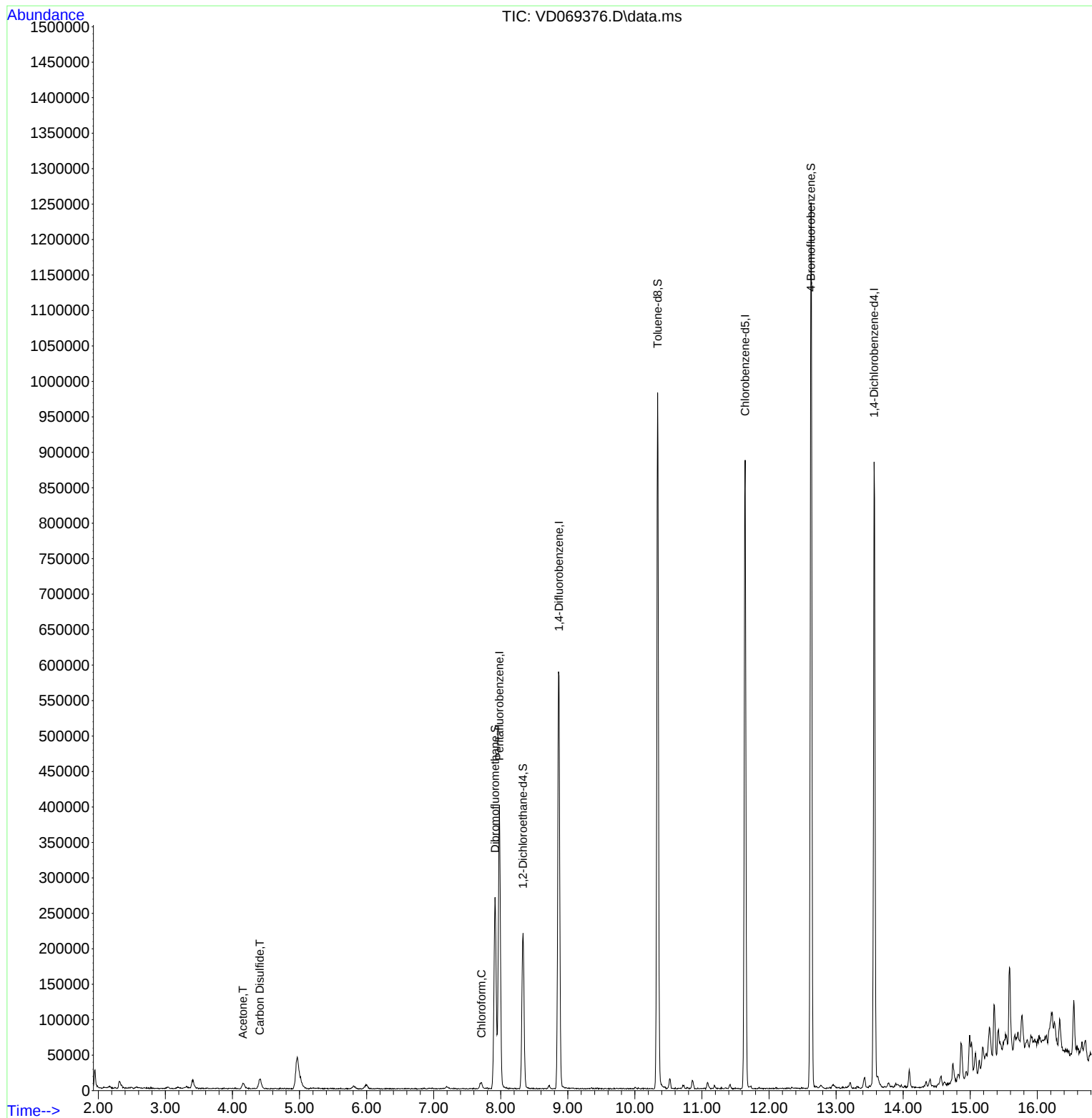
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.979     | 168   | 291697   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.867     | 114   | 541390   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.644    | 117   | 546083   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567    | 152   | 242934   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.332     | 65    | 180448   | 64.471   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | = 128.940% |          |
| 35) Dibromofluoromethane    | 7.914     | 113   | 190322   | 55.980   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | = 111.960% |          |
| 50) Toluene-d8              | 10.338    | 98    | 680831   | 55.070   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 49 - 140 | Recovery | = 110.140% |          |
| 62) 4-Bromofluorobenzene    | 12.626    | 95    | 231092   | 57.046   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 25 - 144 | Recovery | = 114.100% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 4.156     | 43    | 13605    | 27.855   | ug/l #     | 84       |
| 17) Carbon Disulfide        | 4.409     | 76    | 31121    | 3.217    | ug/l       | 100      |
| 30) Chloroform              | 7.714     | 83    | 6600     | 1.064    | ug/l #     | 79       |
| -----                       |           |       |          |          |            |          |

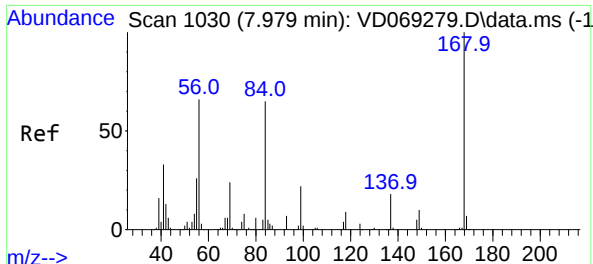
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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18-B12(150-154)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060121S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 02 02:17:36 2021  
Response via : Initial Calibration

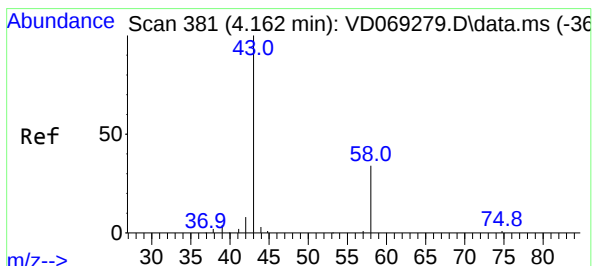
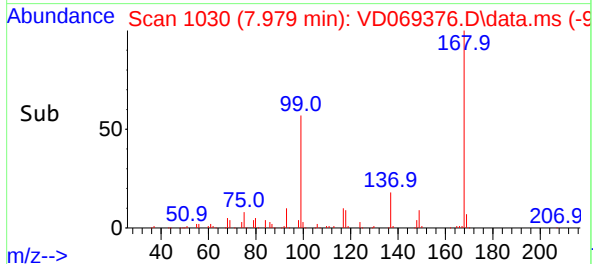
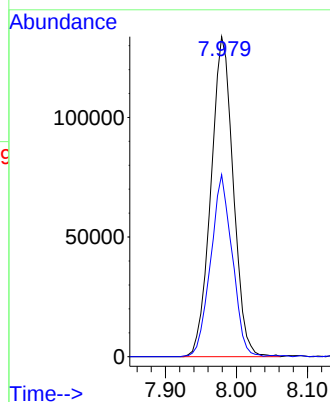
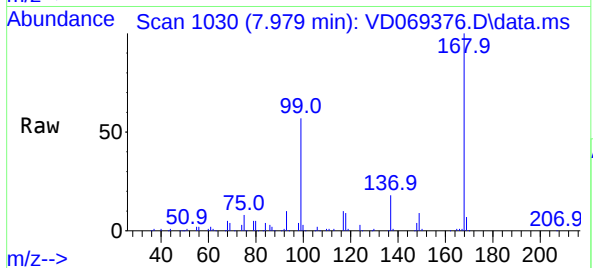




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

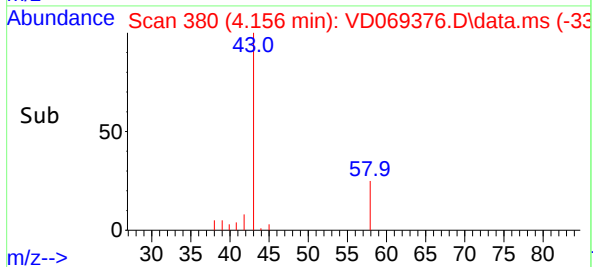
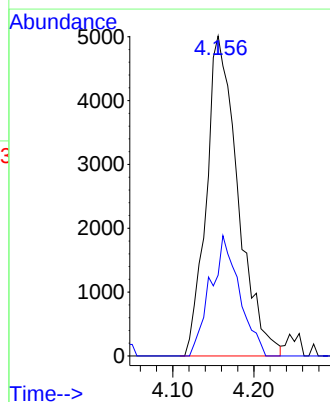
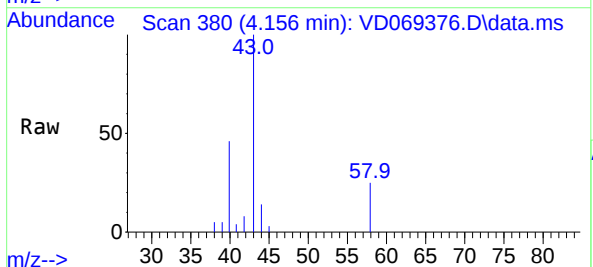
Instrument :  
MSVOA\_D  
ClientSampleId :  
18-B12(150-154)

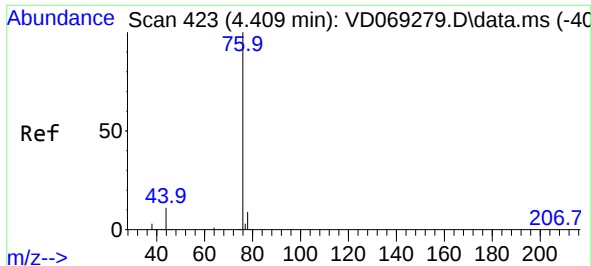
Tgt Ion:168 Resp: 291697  
Ion Ratio Lower Upper  
168 100  
99 56.8 46.2 69.2



#16  
Acetone  
Concen: 27.855 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

Tgt Ion: 43 Resp: 13605  
Ion Ratio Lower Upper  
43 100  
58 25.2 27.5 41.3#

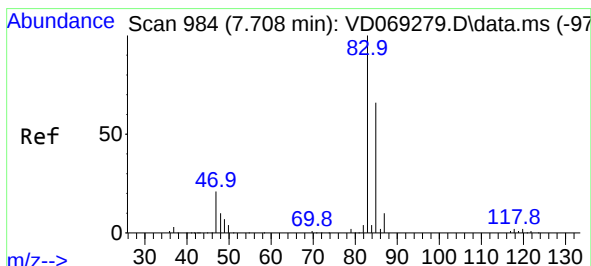
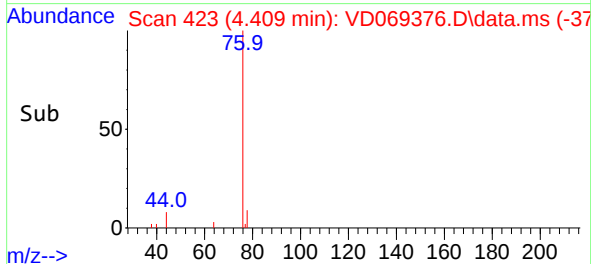
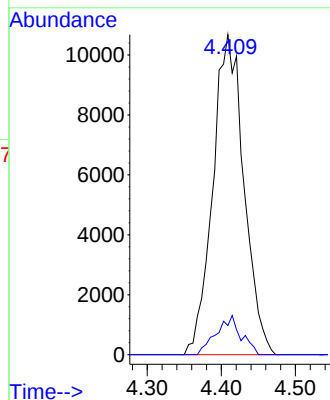
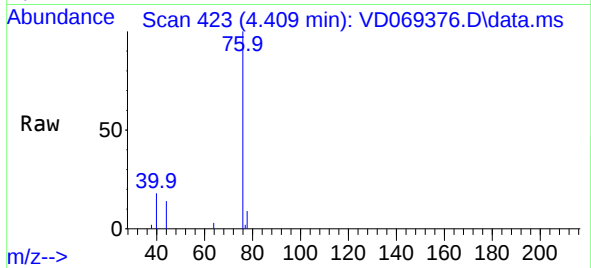




#17  
Carbon Disulfide  
Concen: 3.217 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. 0.000 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

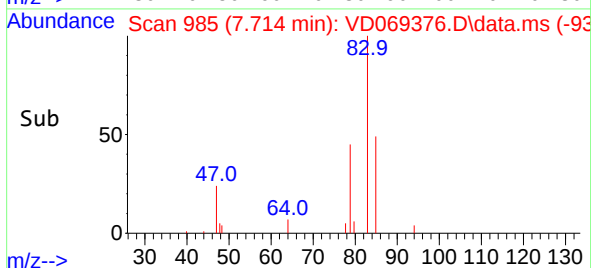
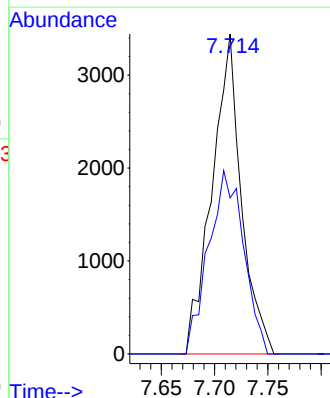
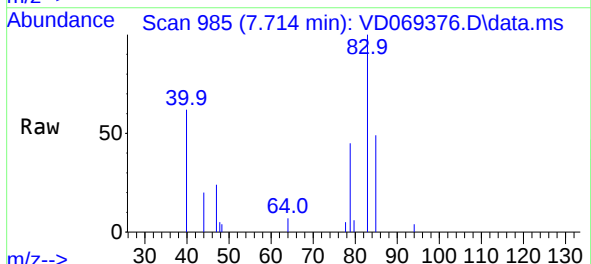
Instrument :  
MSVOA\_D  
ClientSampleId :  
18-B12(150-154)

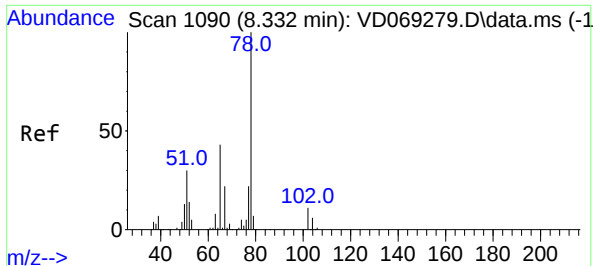
Tgt Ion: 76 Resp: 31121  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0



#30  
Chloroform  
Concen: 1.064 ug/l  
RT: 7.714 min Scan# 985  
Delta R.T. 0.006 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

Tgt Ion: 83 Resp: 6600  
Ion Ratio Lower Upper  
83 100  
85 48.8 52.6 78.8#

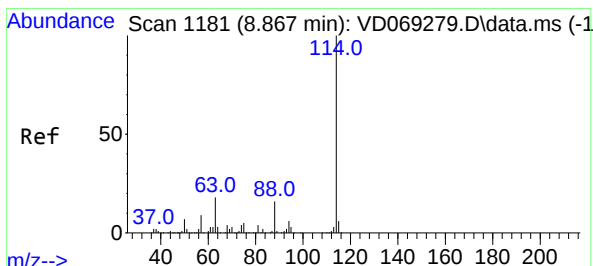
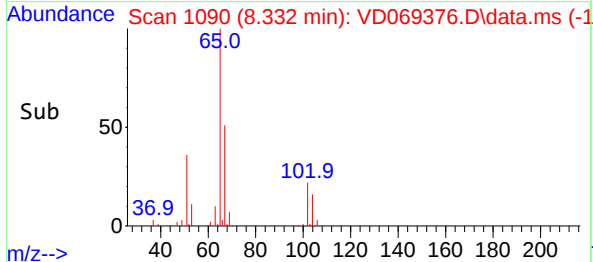
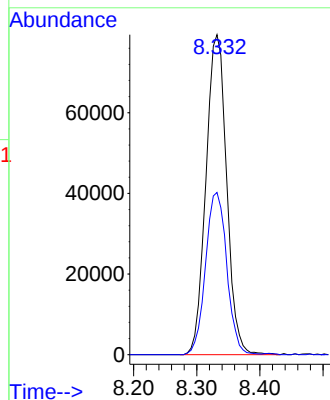
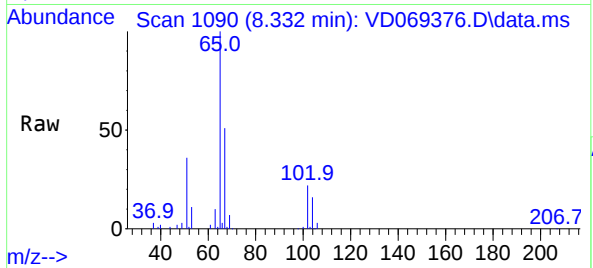




#33  
1,2-Dichloroethane-d4  
Concen: 64.471 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

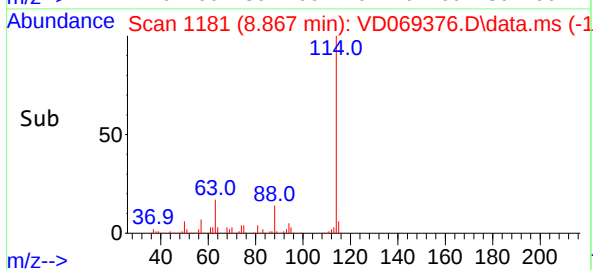
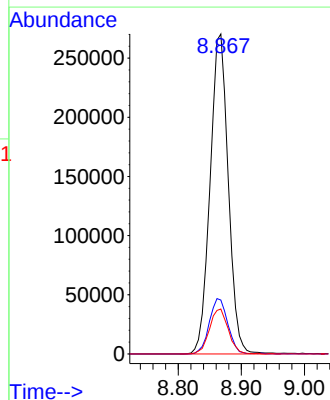
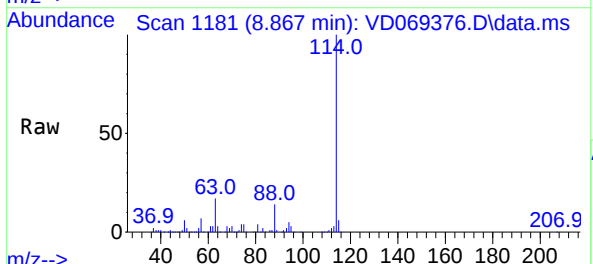
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18-B12(150-154)

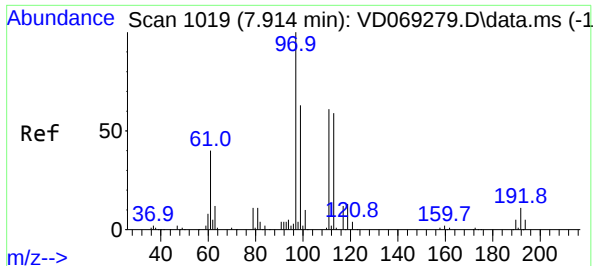
Tgt Ion: 65 Resp: 180448  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 105.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

Tgt Ion: 114 Resp: 541390  
Ion Ratio Lower Upper  
114 100  
63 16.8 0.0 35.6  
88 14.1 0.0 31.2

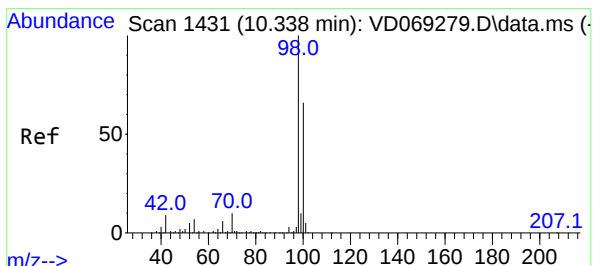
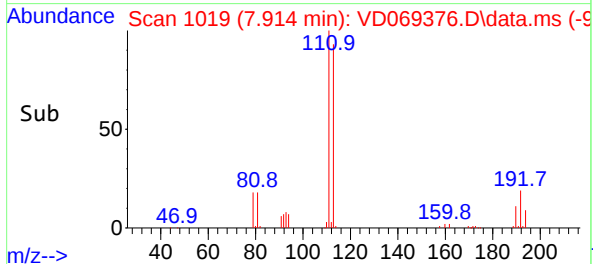
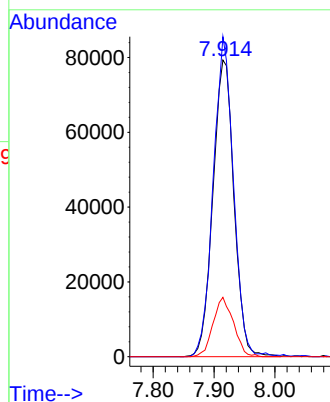
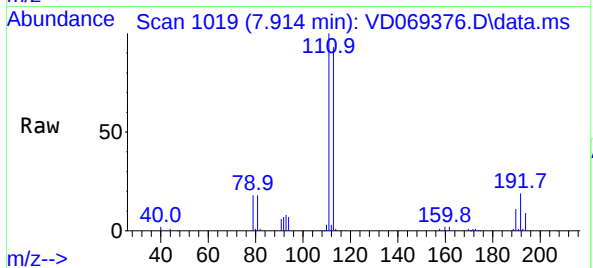




#35  
Dibromofluoromethane  
Concen: 55.980 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

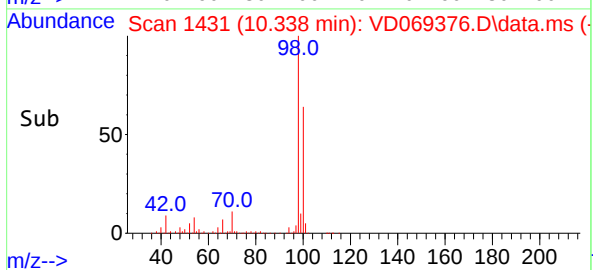
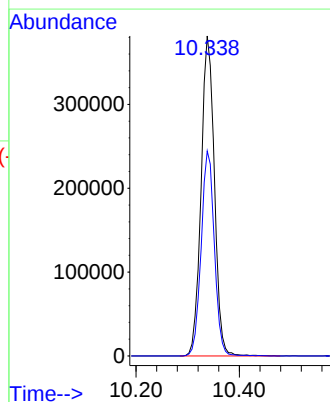
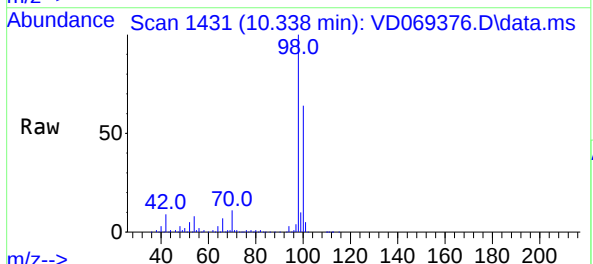
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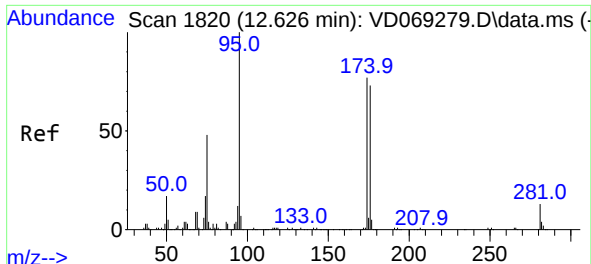
Tgt Ion:113 Resp: 190322  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.0 124.6  
192 19.5 15.1 22.7



#50  
Toluene-d8  
Concen: 55.070 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

Tgt Ion: 98 Resp: 680831  
Ion Ratio Lower Upper  
98 100  
100 63.5 52.1 78.1



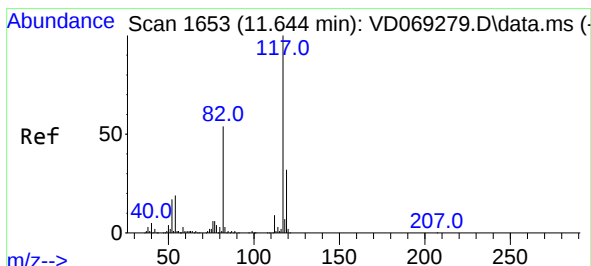
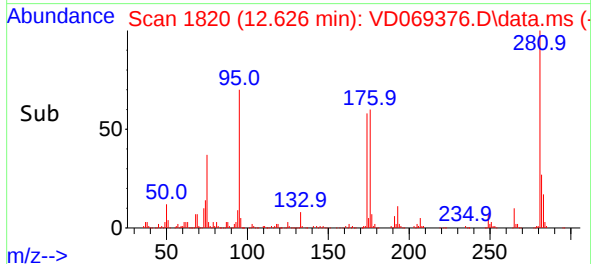
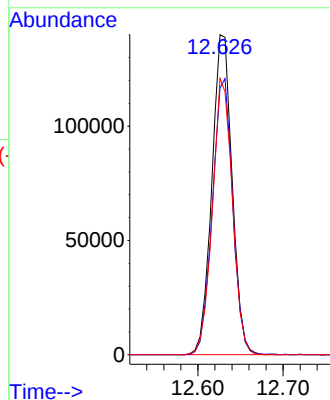
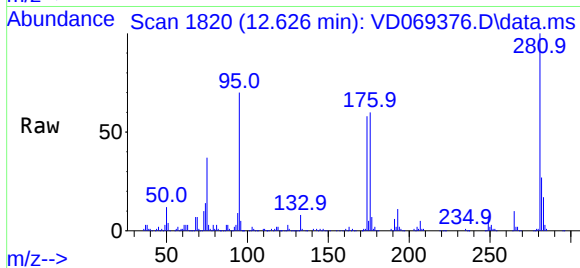


#62  
4-Bromofluorobenzene  
Concen: 57.046 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

Instrument :  
MSVOA\_D  
ClientSampleId :  
18-B12(150-154)

Tgt Ion: 95 Resp: 231092

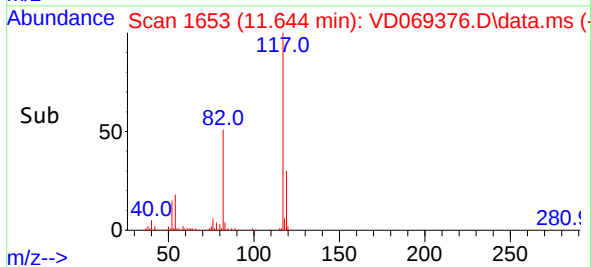
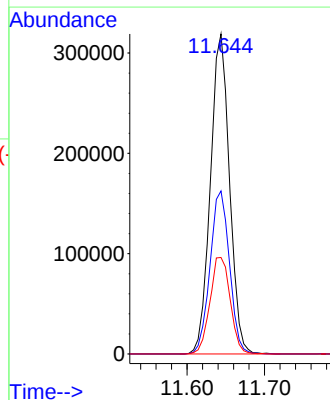
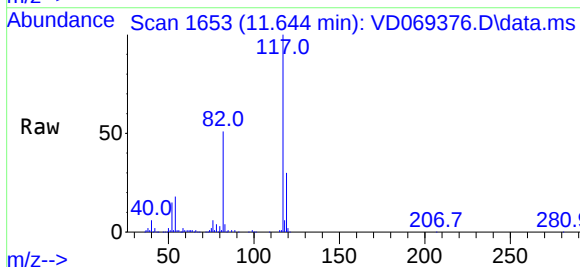
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 86.4  | 0.0   | 162.8 |
| 176 | 84.9  | 0.0   | 154.4 |

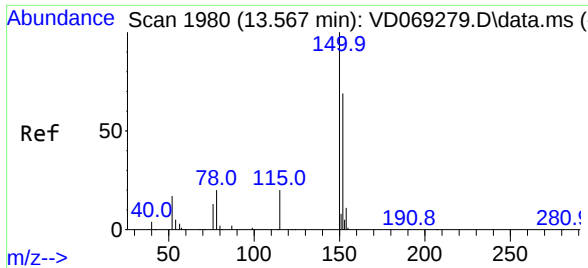


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD069376.D  
Acq: 07 Jun 2021 19:05

Tgt Ion: 117 Resp: 546083

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 50.9  | 43.3  | 64.9  |
| 119 | 30.1  | 25.3  | 37.9  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.567 min Scan# 1980  
 Delta R.T. 0.000 min  
 Lab File: VD069376.D  
 Acq: 07 Jun 2021 19:05

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 18-B12(150-154)

Tgt Ion:152 Resp: 242934  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 58.2  | 29.4  | 88.3  |
| 150 | 153.5 | 0.0   | 355.0 |

