

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061621\  
 Data File : VD069467.D  
 Acq On : 16 Jun 2021 15:21  
 Operator : VA/SY  
 Sample : M2672-12  
 Misc : 7.48G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 17-B6(52-56)

Quant Time: Jun 17 02:49:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061121S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 11 12:50:13 2021  
 Response via : Initial Calibration

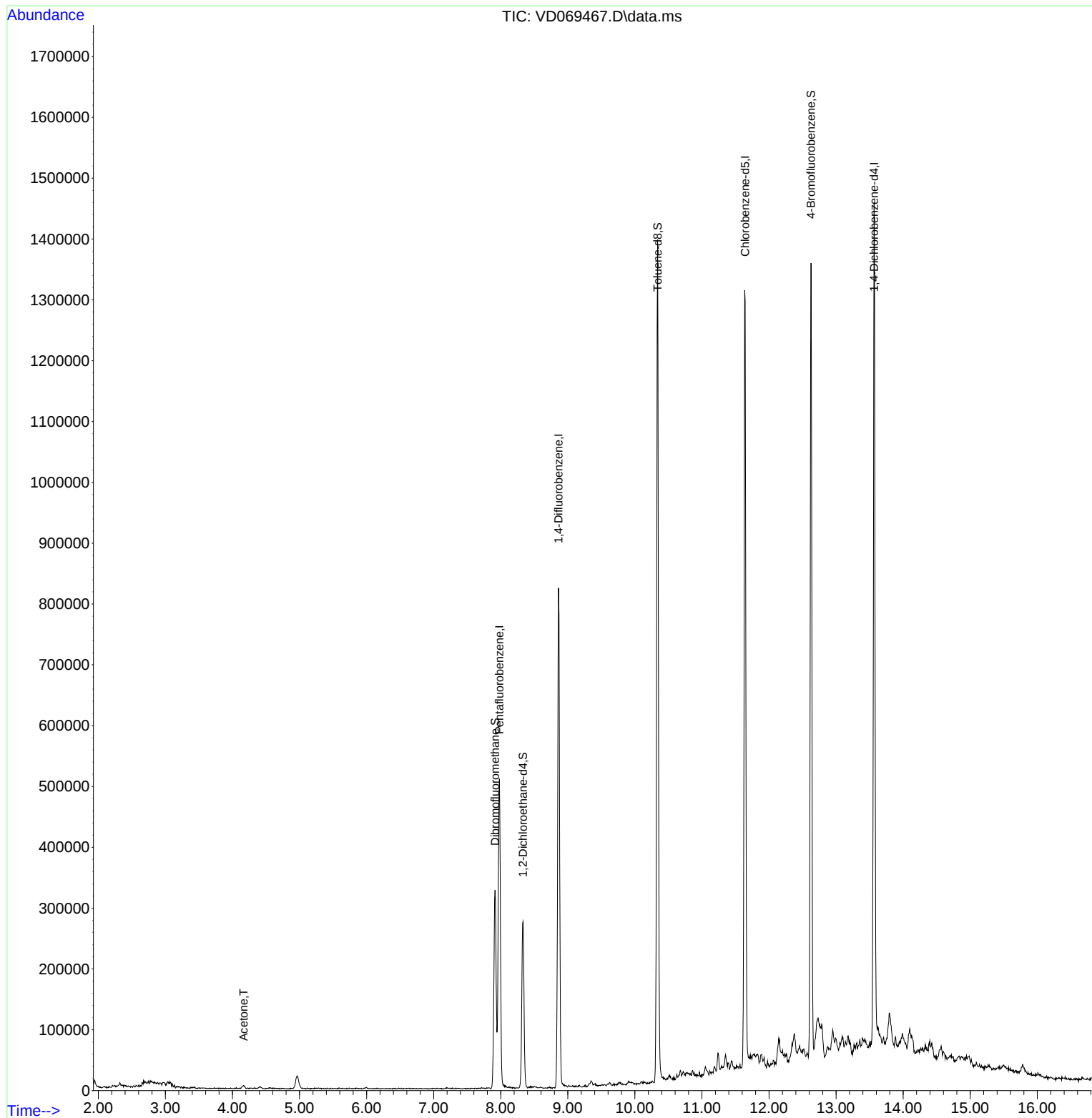
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| Internal Standards          |        |       |          |          |            |             |
| 1) Pentafluorobenzene       | 7.979  | 168   | 388303   | 50.000   | ug/l       | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 735189   | 50.000   | ug/l       | 0.00        |
| 63) Chlorobenzene-d5        | 11.644 | 117   | 798758   | 50.000   | ug/l       | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 388749   | 50.000   | ug/l       | 0.00        |
| System Monitoring Compounds |        |       |          |          |            |             |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 226372   | 51.675   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 103.360% |             |
| 35) Dibromofluoromethane    | 7.914  | 113   | 241219   | 43.806   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 87.620%  |             |
| 50) Toluene-d8              | 10.338 | 98    | 967973   | 48.062   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 96.120%  |             |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 367651   | 56.892   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 113.780% |             |
| Target Compounds            |        |       |          |          |            |             |
| 16) Acetone                 | 4.168  | 43    | 7558     | 10.423   | ug/l       | Qvalue # 84 |
| -----                       |        |       |          |          |            |             |

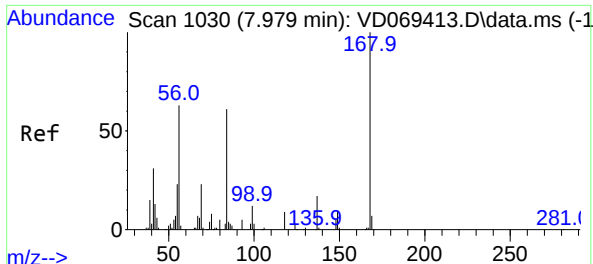
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
17-B6(52-56)

Quant Time: Jun 17 02:49:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061121S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 11 12:50:13 2021  
Response via : Initial Calibration

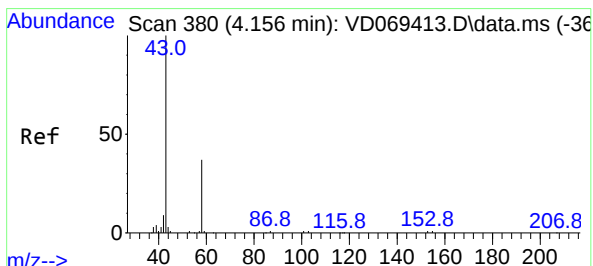
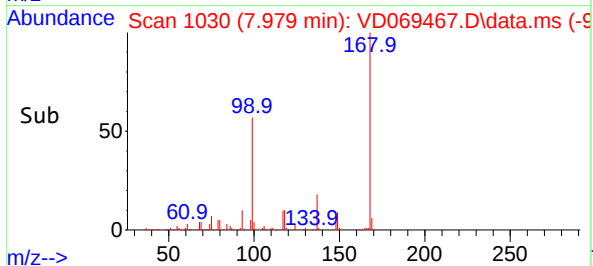
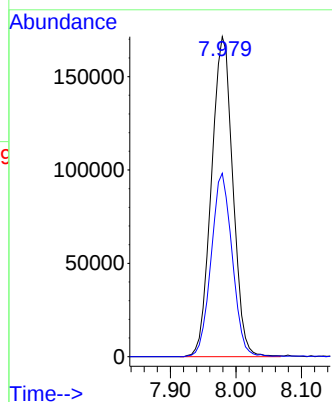
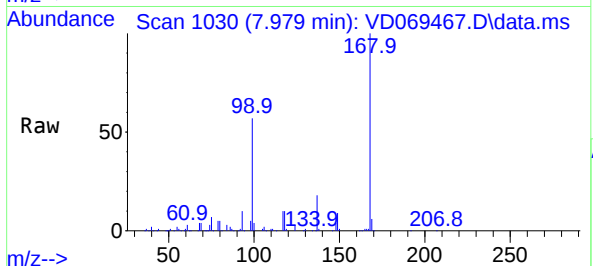




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069467.D  
Acq: 16 Jun 2021 15:21

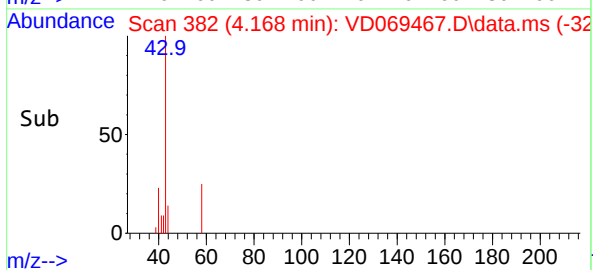
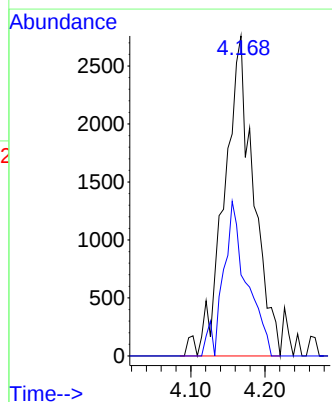
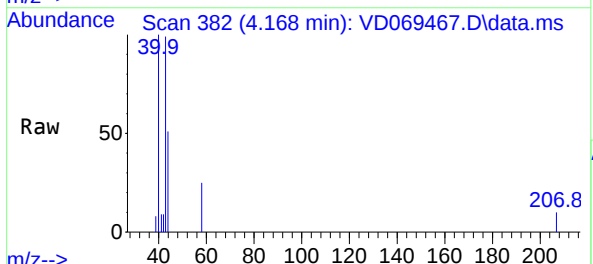
Instrument :  
MSVOA\_D  
ClientSampleId :  
17-B6(52-56)

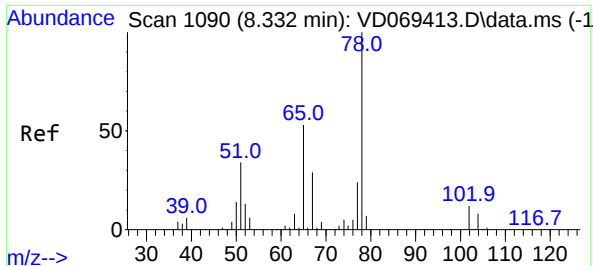
Tgt Ion:168 Resp: 388303  
Ion Ratio Lower Upper  
168 100  
99 57.3 46.2 69.2



#16  
Acetone  
Concen: 10.423 ug/l  
RT: 4.168 min Scan# 382  
Delta R.T. 0.012 min  
Lab File: VD069467.D  
Acq: 16 Jun 2021 15:21

Tgt Ion: 43 Resp: 7558  
Ion Ratio Lower Upper  
43 100  
58 25.3 27.5 41.3#

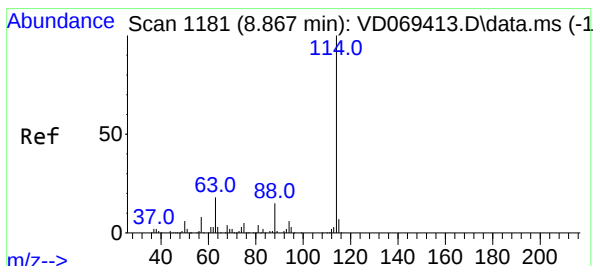
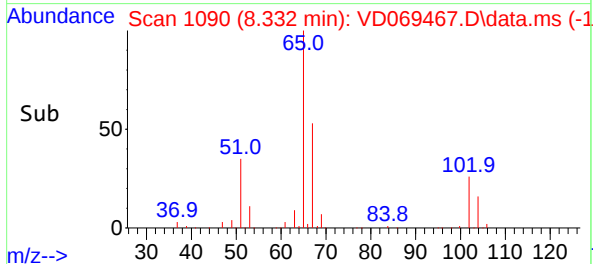
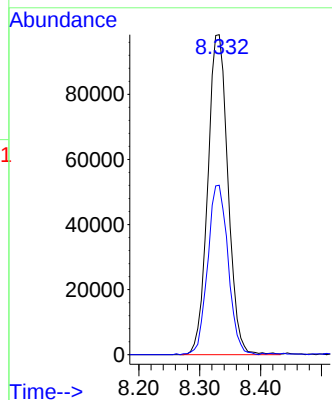
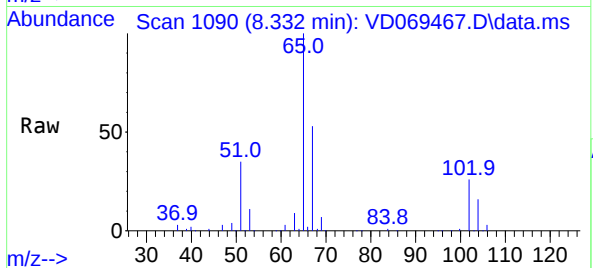




#33  
1,2-Dichloroethane-d4  
Concen: 51.675 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD069467.D  
Acq: 16 Jun 2021 15:21

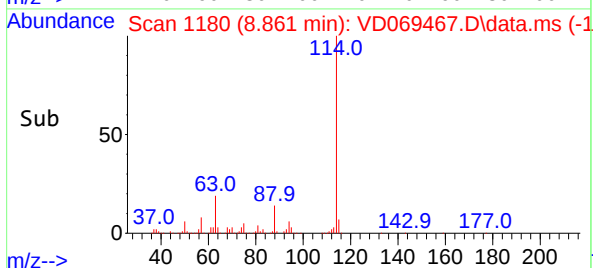
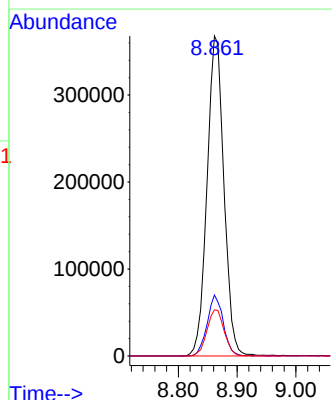
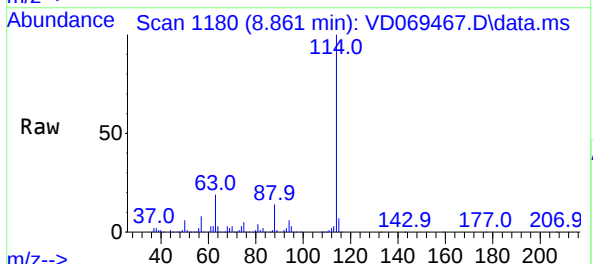
Instrument :  
MSVOA\_D  
ClientSampleId :  
17-B6(52-56)

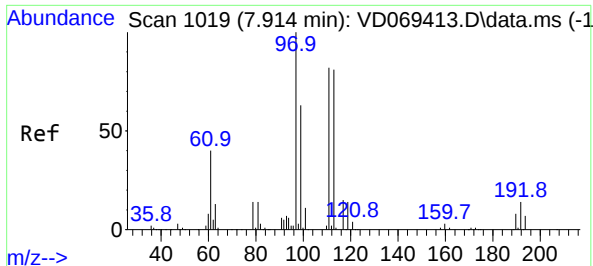
Tgt Ion: 65 Resp: 226372  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 105.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: VD069467.D  
Acq: 16 Jun 2021 15:21

Tgt Ion:114 Resp: 735189  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 35.6  
88 14.4 0.0 31.2



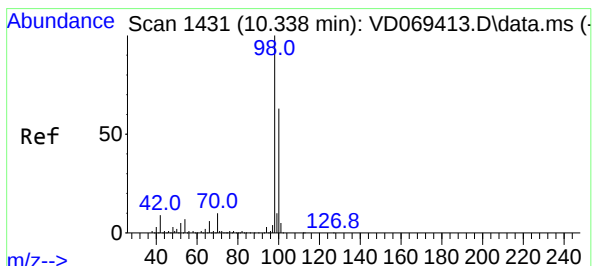
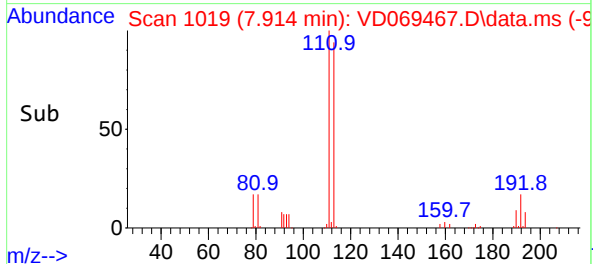
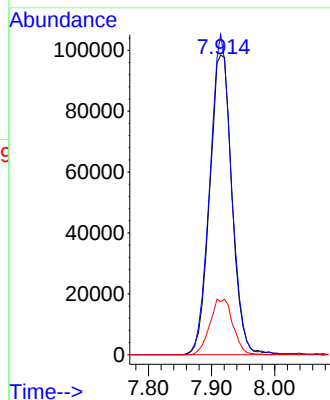
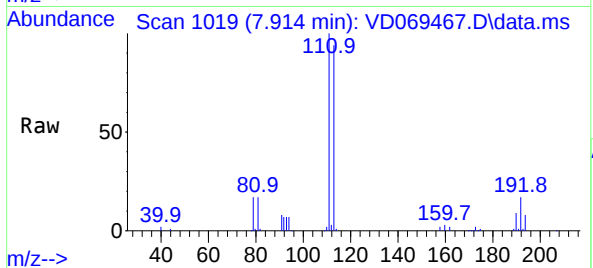


#35

Dibromofluoromethane  
Concen: 43.806 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD069467.D  
Acq: 16 Jun 2021 15:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
17-B6(52-56)

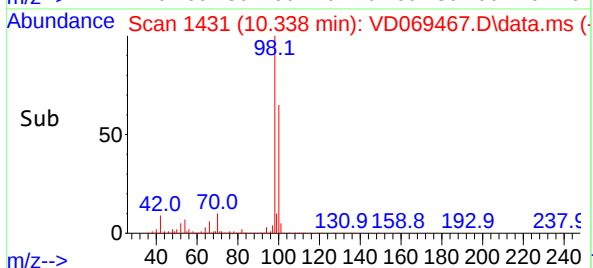
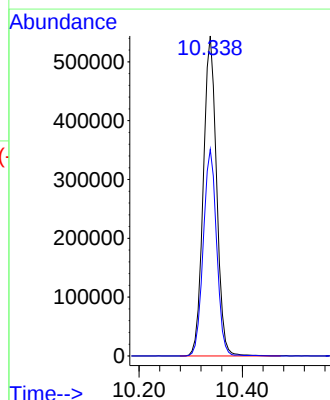
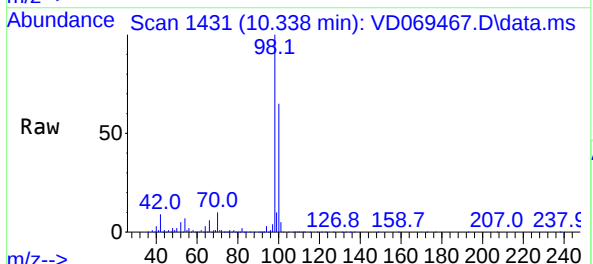
Tgt Ion:113 Resp: 241219  
Ion Ratio Lower Upper  
113 100  
111 103.4 83.0 124.6  
192 19.1 15.1 22.7

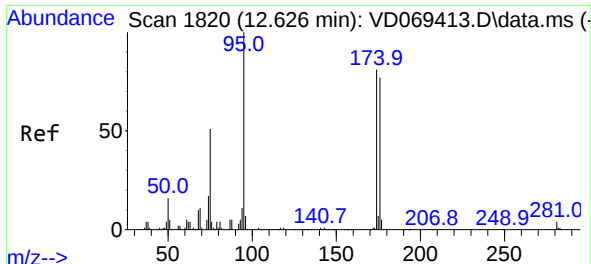


#50

Toluene-d8  
Concen: 48.062 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069467.D  
Acq: 16 Jun 2021 15:21

Tgt Ion: 98 Resp: 967973  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.1 78.1

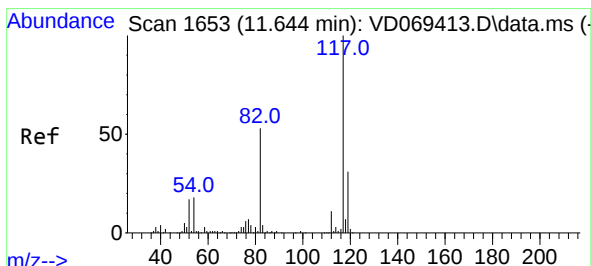
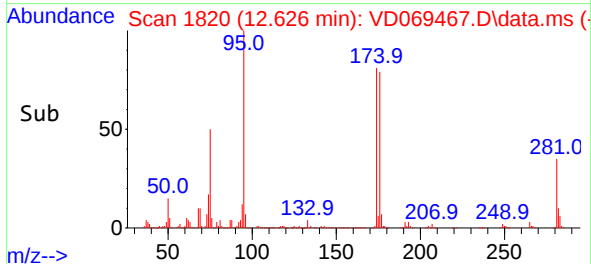
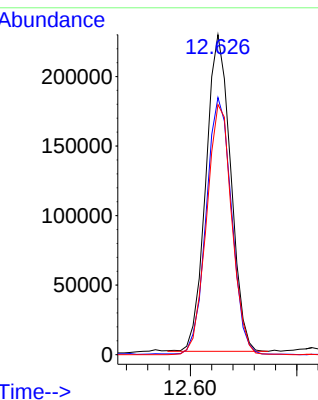
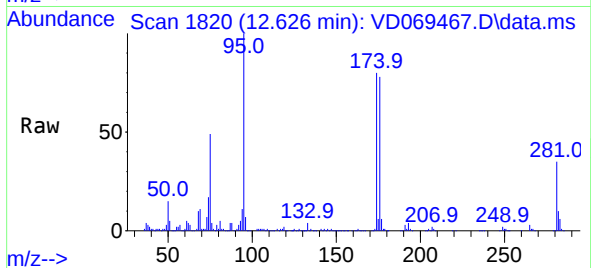




#62  
4-Bromofluorobenzene  
Concen: 56.892 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069467.D  
Acq: 16 Jun 2021 15:21

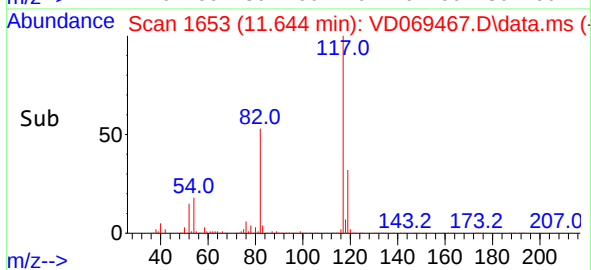
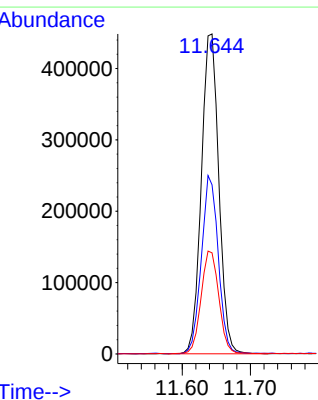
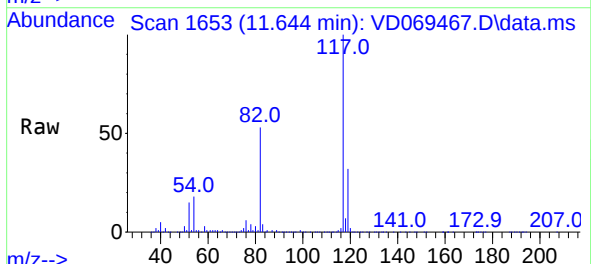
Instrument :  
MSVOA\_D  
ClientSampleId :  
17-B6(52-56)

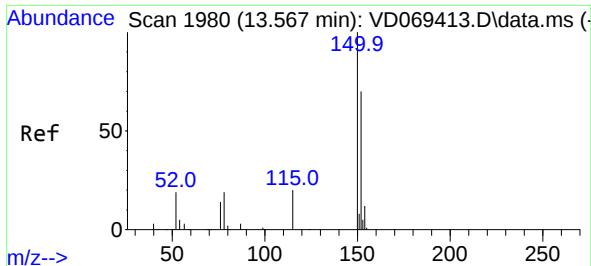
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 367651 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 83.2  | 0.0   | 162.8  |
| 176      | 80.5  | 0.0   | 154.4  |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.000 min  
Lab File: VD069467.D  
Acq: 16 Jun 2021 15:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 798758 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 52.7  | 43.3  | 64.9   |
| 119      | 31.5  | 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: VD069467.D  
 Acq: 16 Jun 2021 15:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 17-B6(52-56)

Tgt Ion:152 Resp: 388749  
 Ion Ratio Lower Upper  
 152 100  
 115 57.9 29.4 88.3  
 150 157.4 0.0 355.0

