

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102621\  
 Data File : VD070838.D  
 Acq On : 26 Oct 2021 14:14  
 Operator : VA/SY  
 Sample : VD1026SBL01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1026SBL01

Quant Time: Oct 27 05:39:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D102621S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 27 05:34:47 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 543111   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 941405   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 854134   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 387264   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 265918   | 48.682   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 97.360% |
| 35) Dibromofluoromethane    | 7.908  | 113   | 298230   | 48.046   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 96.100% |
| 50) Toluene-d8              | 10.332 | 98    | 1152006  | 49.332   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 98.660% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 373205   | 48.437   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 96.880% |

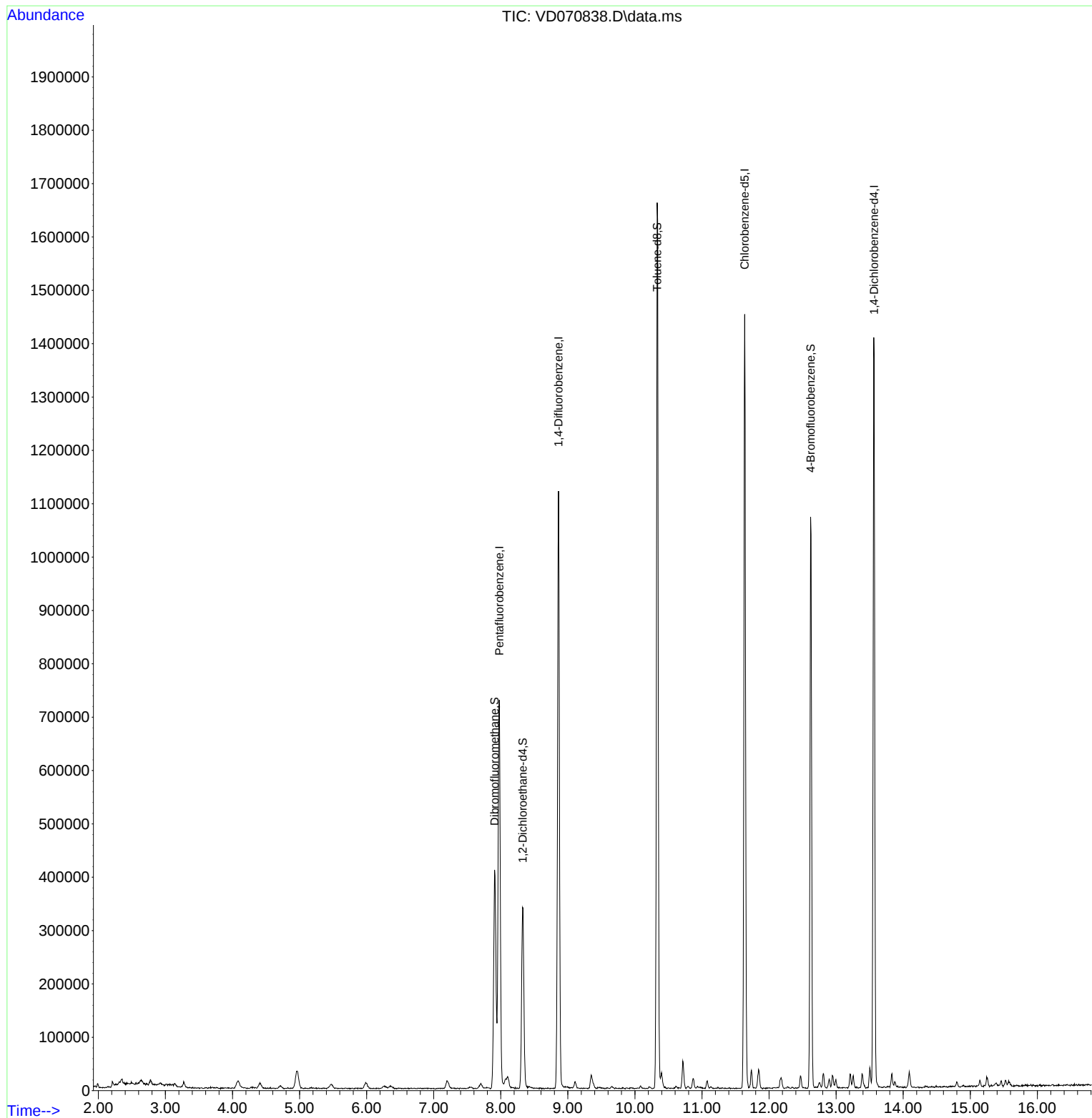
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

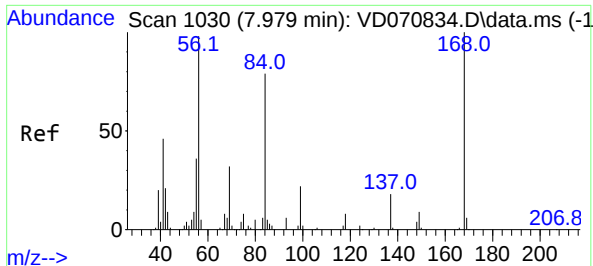
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102621\  
Data File : VD070838.D  
Acq On : 26 Oct 2021 14:14  
Operator : VA/SY  
Sample : VD1026SBL01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1026SBL01

Quant Time: Oct 27 05:39:13 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D102621S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 27 05:34:47 2021  
Response via : Initial Calibration

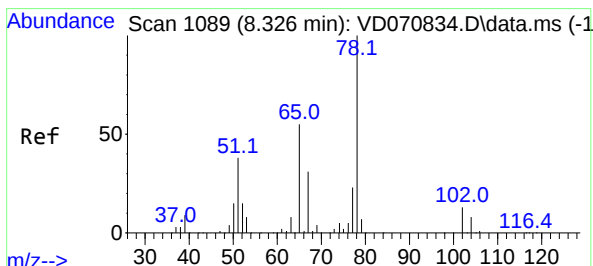
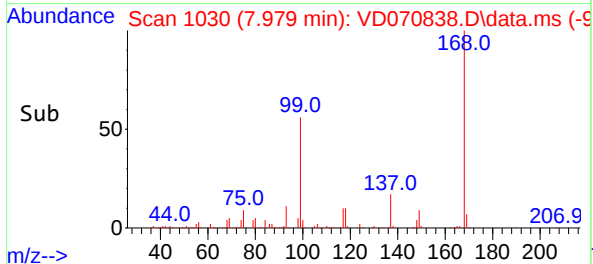
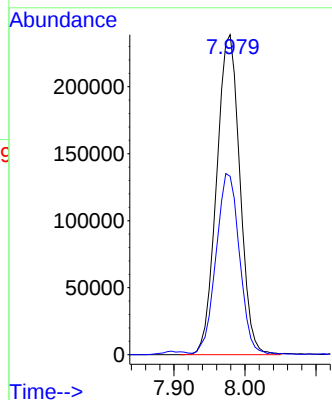
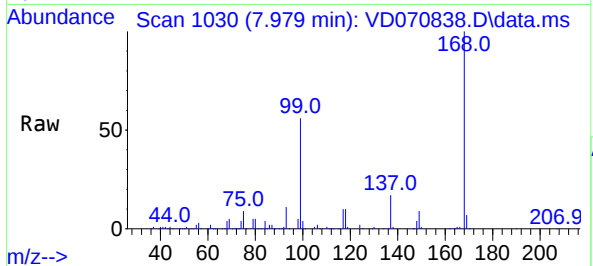




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD070838.D  
Acq: 26 Oct 2021 14:14

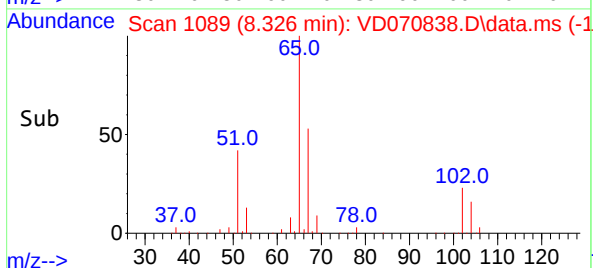
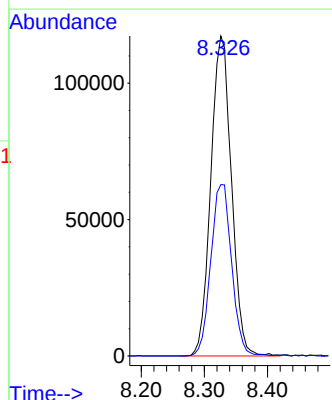
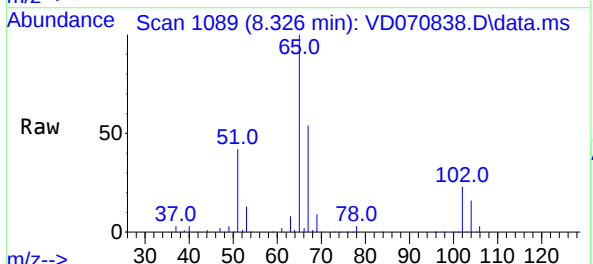
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1026SBL01

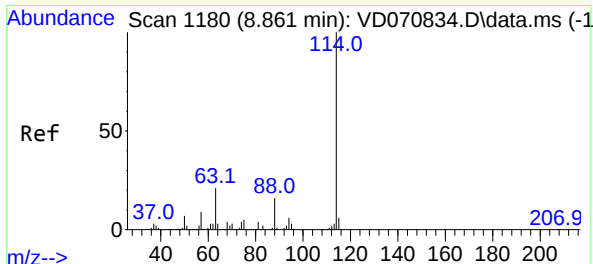
Tgt Ion:168 Resp: 543111  
Ion Ratio Lower Upper  
168 100  
99 55.3 46.6 69.8



#33  
1,2-Dichloroethane-d4  
Concen: 48.682 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070838.D  
Acq: 26 Oct 2021 14:14

Tgt Ion: 65 Resp: 265918  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070838.D

Acq: 26 Oct 2021 14:14

Instrument :

MSVOA\_D

ClientSampleId :

VD1026SBL01

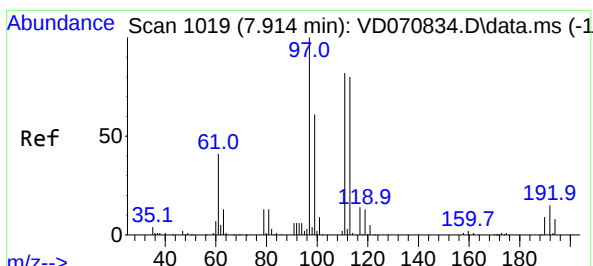
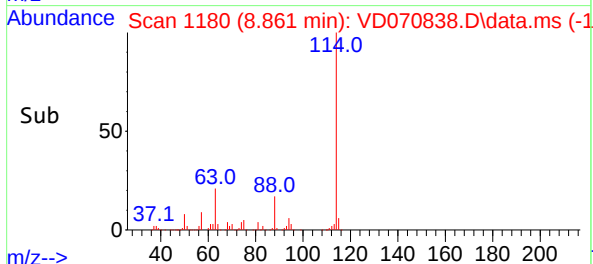
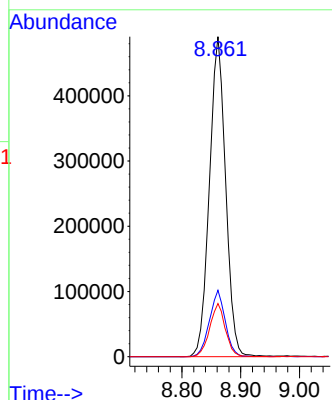
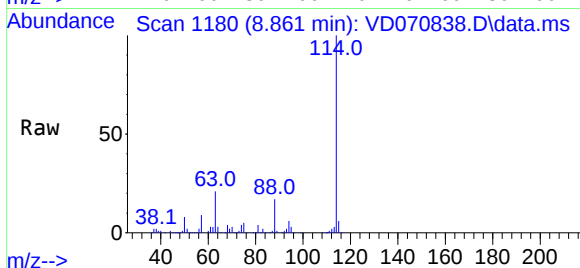
Tgt Ion:114 Resp: 941405

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.046 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070838.D

Acq: 26 Oct 2021 14:14

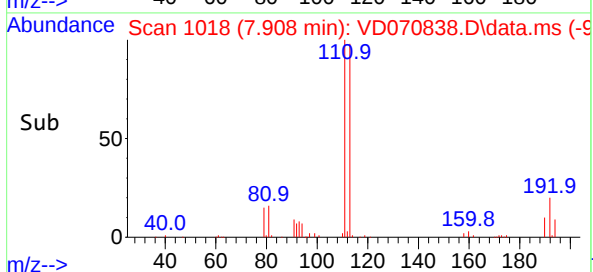
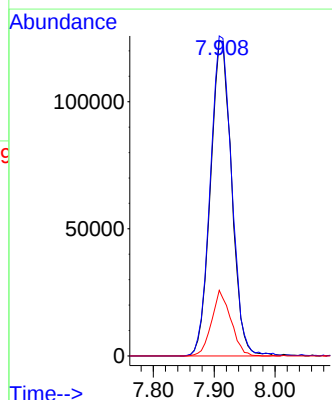
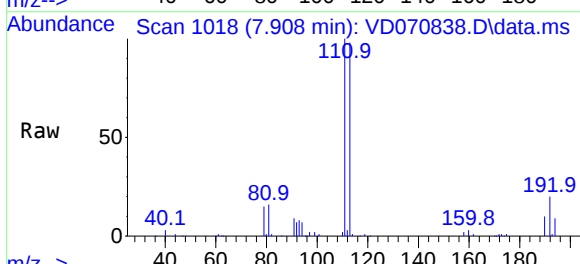
Tgt Ion:113 Resp: 298230

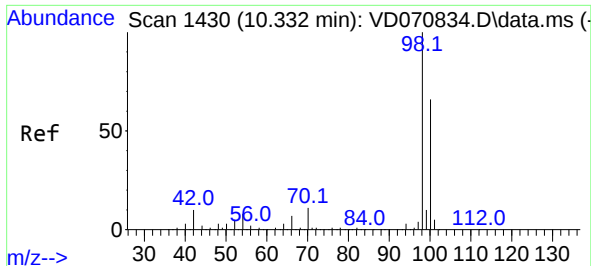
Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 19.0 15.2 22.8

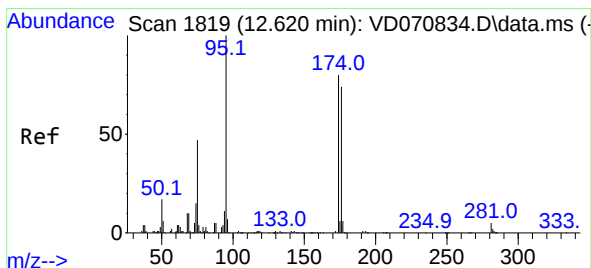
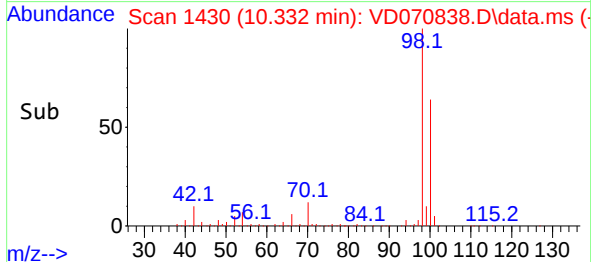
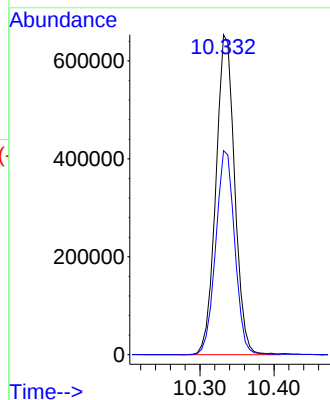
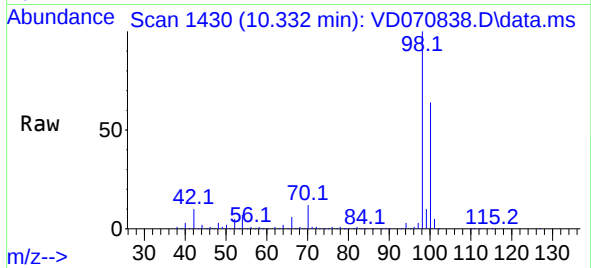




#50  
Toluene-d8  
Concen: 49.332 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD070838.D  
Acq: 26 Oct 2021 14:14

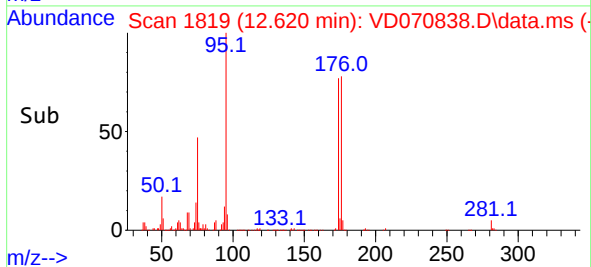
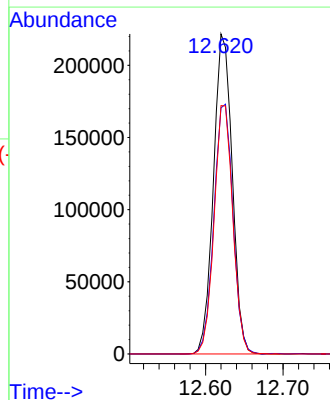
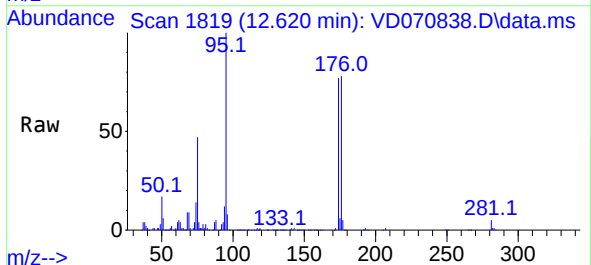
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1026SBL01

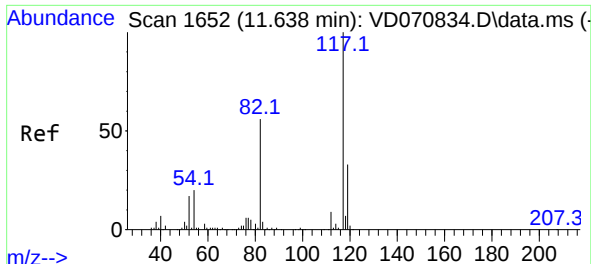
Tgt Ion: 98 Resp: 1152006  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 48.437 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD070838.D  
Acq: 26 Oct 2021 14:14

Tgt Ion: 95 Resp: 373205  
Ion Ratio Lower Upper  
95 100  
174 79.4 0.0 159.4  
176 77.4 0.0 154.0

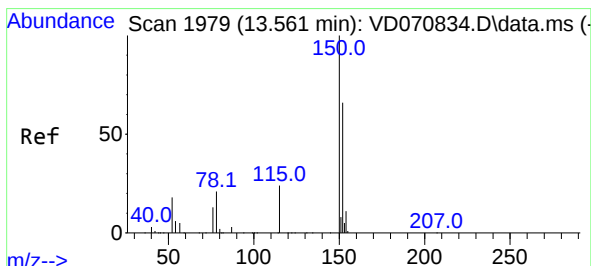
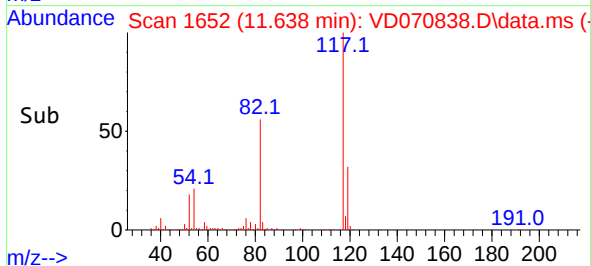
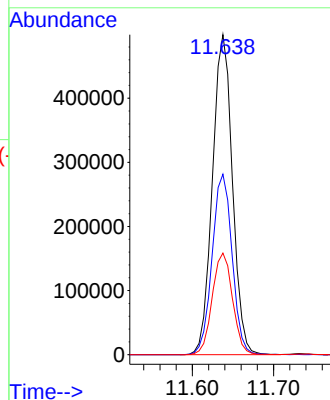
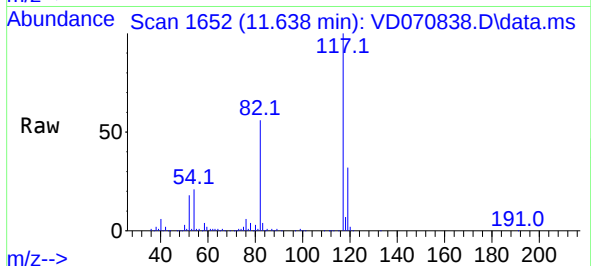




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VD070838.D  
Acq: 26 Oct 2021 14:14

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1026SBL01

Tgt Ion:117 Resp: 854134  
Ion Ratio Lower Upper  
117 100  
82 56.4 44.7 67.1  
119 31.7 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.006 min  
Lab File: VD070838.D  
Acq: 26 Oct 2021 14:14

Tgt Ion:152 Resp: 387264  
Ion Ratio Lower Upper  
152 100  
115 60.0 29.8 89.3  
150 159.1 0.0 349.2

