

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072621\  
 Data File : VD069856.D  
 Acq On : 26 Jul 2021 19:13  
 Operator : VA/SY  
 Sample : M3118-03  
 Misc : 5.03G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 20210579-COM-2

Quant Time: Jul 27 05:13:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

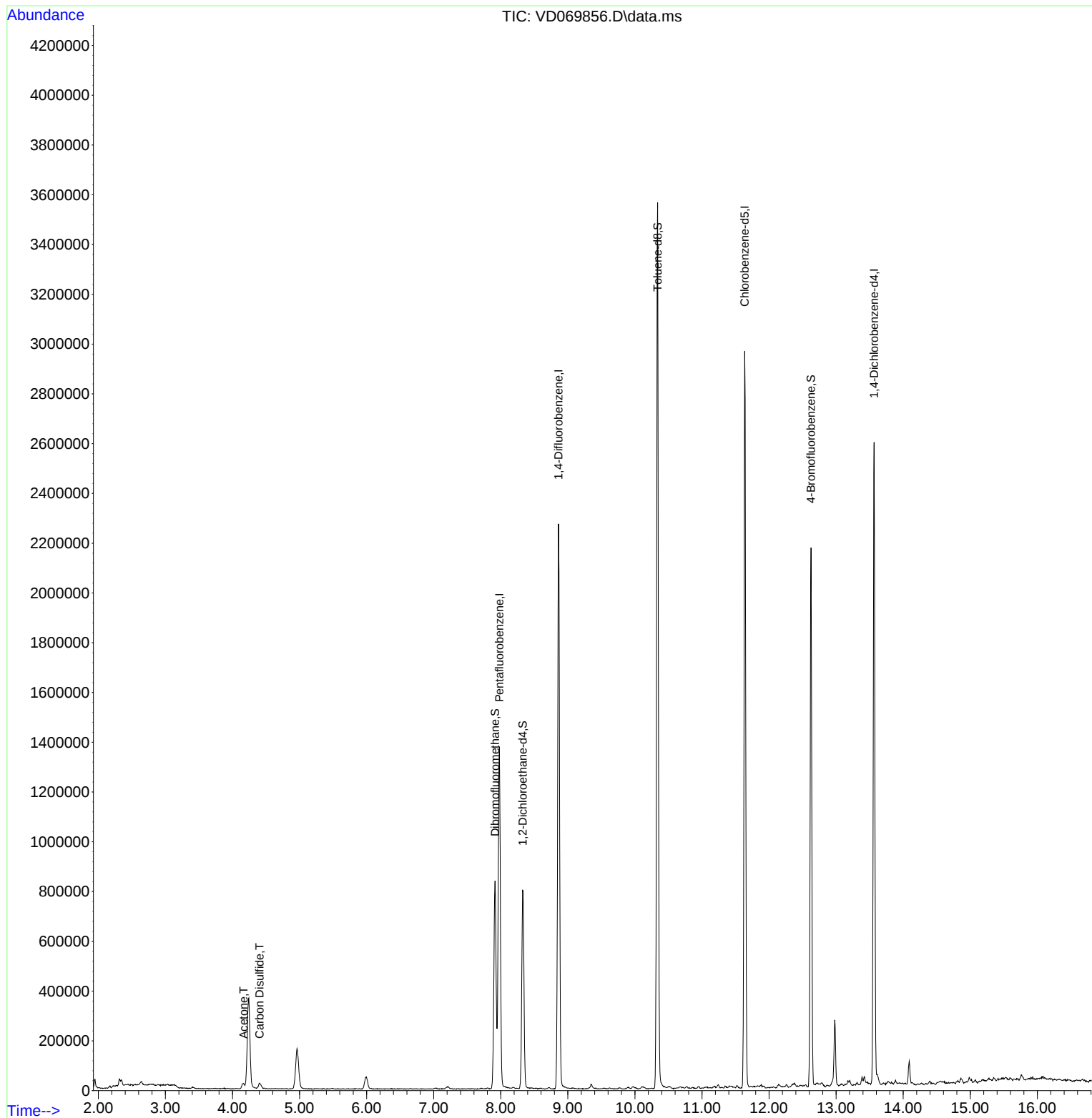
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|--------|----------------|----------|--------|----------|----------|
| -----                       |        |                |          |        |          |          |
| Internal Standards          |        |                |          |        |          |          |
| 1) Pentafluorobenzene       | 7.979  | 168            | 975830   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114            | 1918427  | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117            | 1719955  | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152            | 684069   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |        |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65             | 643860   | 57.370 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =      | 114.740% |          |
| 35) Dibromofluoromethane    | 7.914  | 113            | 614295   | 50.794 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =      | 101.580% |          |
| 50) Toluene-d8              | 10.338 | 98             | 2419431  | 51.883 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | =      | 103.760% |          |
| 62) 4-Bromofluorobenzene    | 12.626 | 95             | 750462   | 48.153 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | =      | 96.300%  |          |
| Target Compounds            |        |                |          |        |          |          |
|                             |        |                |          |        |          | Qvalue   |
| 16) Acetone                 | 4.167  | 43             | 41012    | 20.229 | ug/l     | 95       |
| 17) Carbon Disulfide        | 4.403  | 76             | 45730    | 1.146  | ug/l     | 98       |
| -----                       |        |                |          |        |          |          |

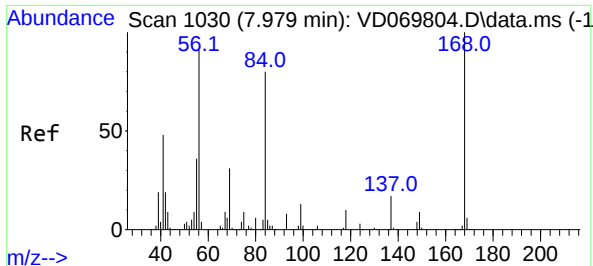
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072621\  
Data File : VD069856.D  
Acq On : 26 Jul 2021 19:13  
Operator : VA/SY  
Sample : M3118-03  
Misc : 5.03G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
20210579-COM-2

Quant Time: Jul 27 05:13:29 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 04:51:13 2021  
Response via : Initial Calibration

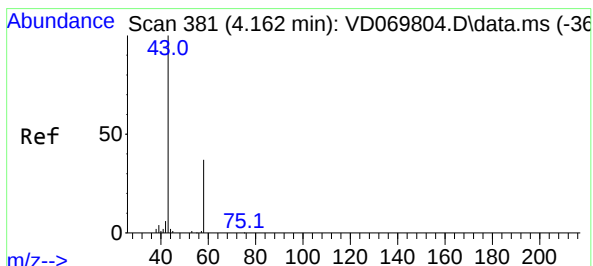
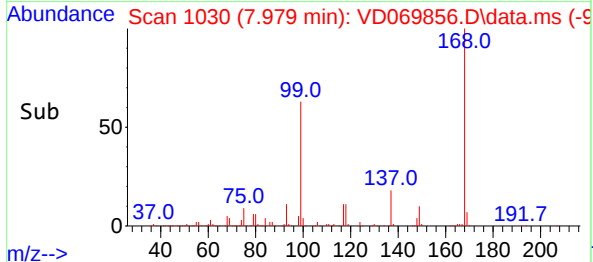
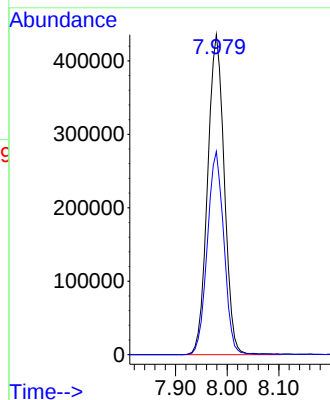
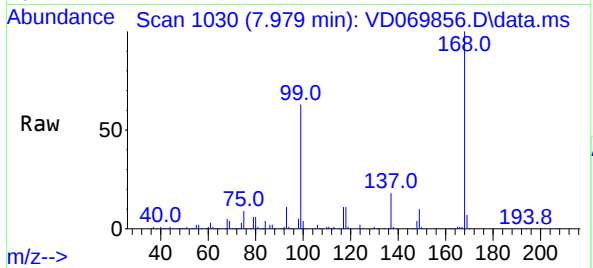




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

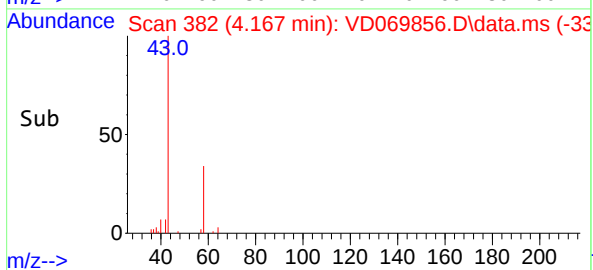
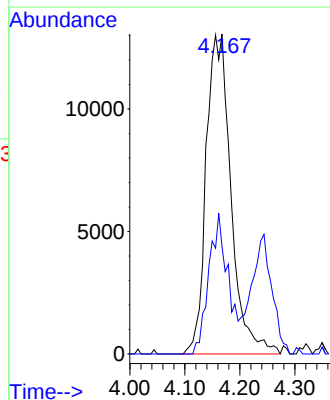
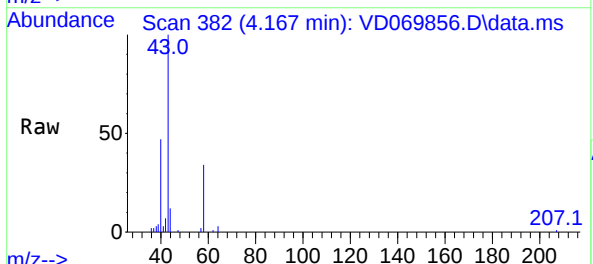
Instrument :  
MSVOA\_D  
ClientSampleId :  
20210579-COM-2

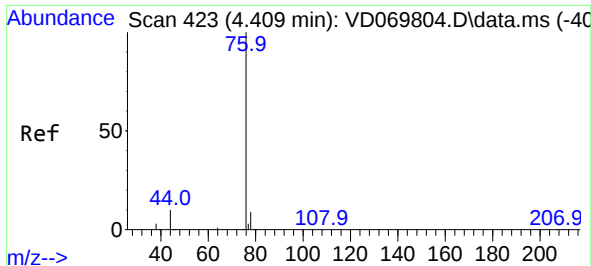
Tgt Ion:168 Resp: 975830  
Ion Ratio Lower Upper  
168 100  
99 63.5 51.1 76.7



#16  
Acetone  
Concen: 20.229 ug/l  
RT: 4.167 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

Tgt Ion: 43 Resp: 41012  
Ion Ratio Lower Upper  
43 100  
58 33.8 29.4 44.0

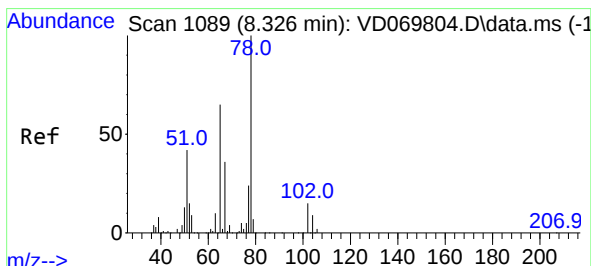
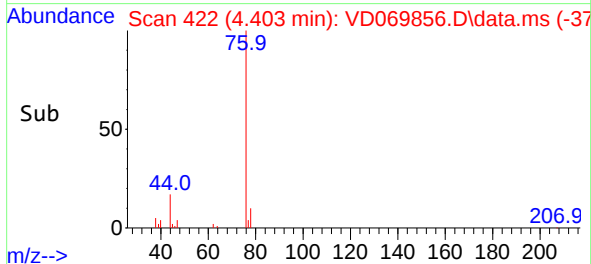
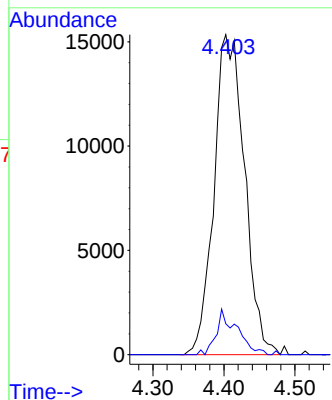
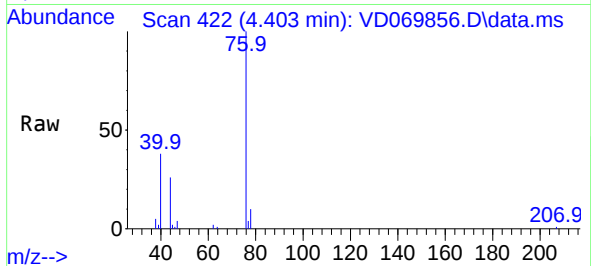




#17  
Carbon Disulfide  
Concen: 1.146 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

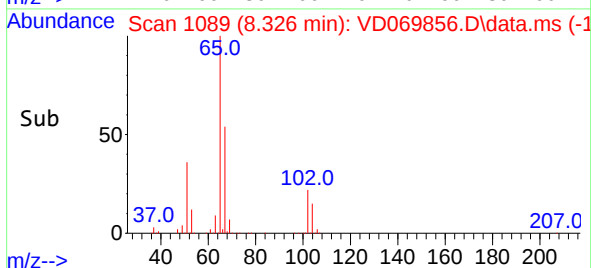
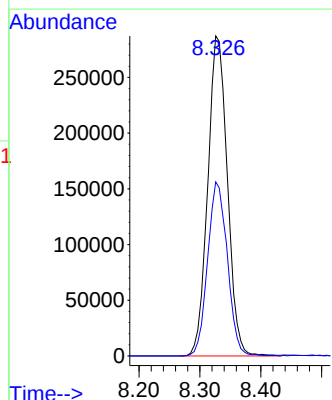
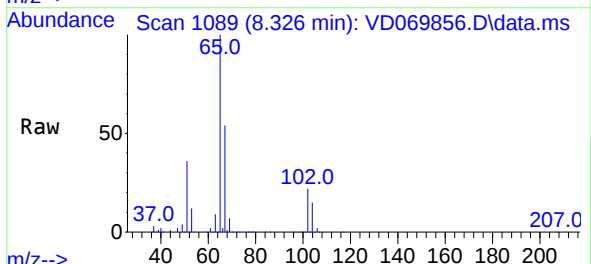
Instrument :  
MSVOA\_D  
ClientSampleId :  
20210579-COM-2

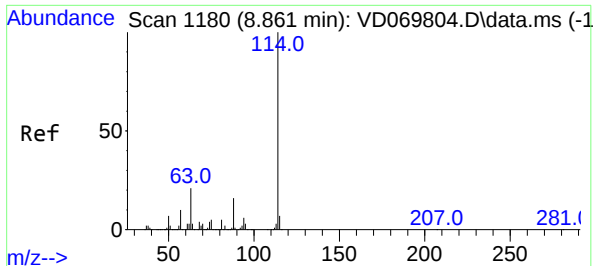
Tgt Ion: 76 Resp: 45730  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.3 10.9



#33  
1,2-Dichloroethane-d4  
Concen: 57.370 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

Tgt Ion: 65 Resp: 643860  
Ion Ratio Lower Upper  
65 100  
67 54.6 0.0 111.2



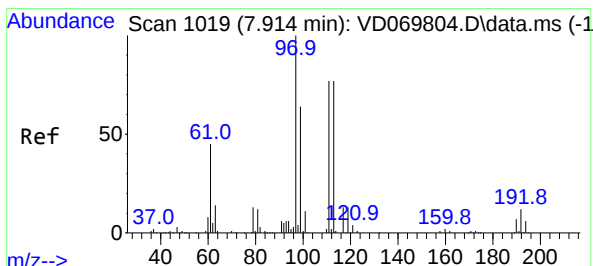
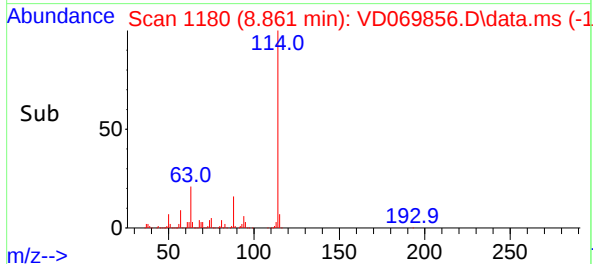
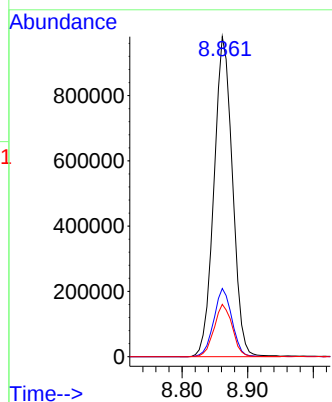
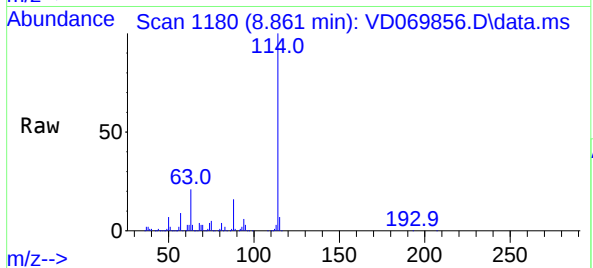


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

Instrument :  
MSVOA\_D  
ClientSampleId :  
20210579-COM-2

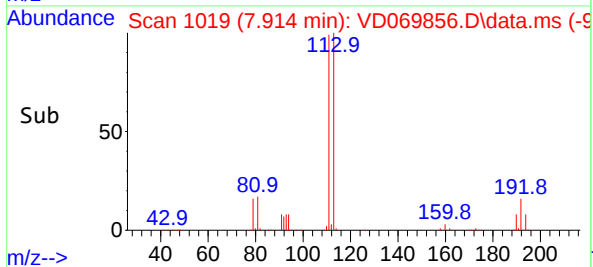
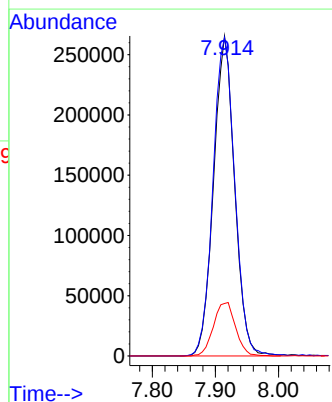
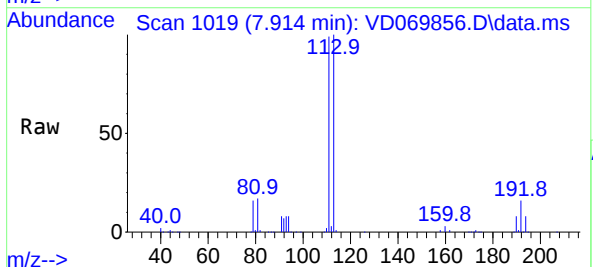
Tgt Ion:114 Resp: 1918427  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 41.6  
88 16.4 0.0 31.4

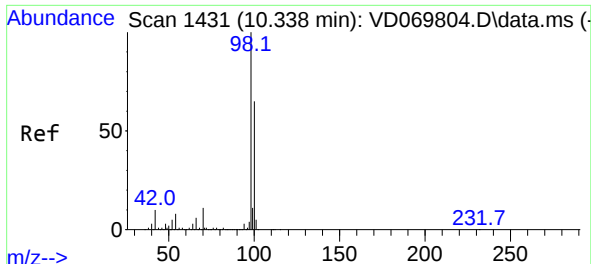


#35

Dibromofluoromethane  
Concen: 50.794 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

Tgt Ion:113 Resp: 614295  
Ion Ratio Lower Upper  
113 100  
111 102.9 80.5 120.7  
192 17.6 12.6 19.0

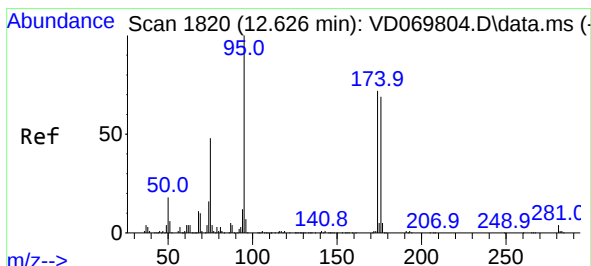
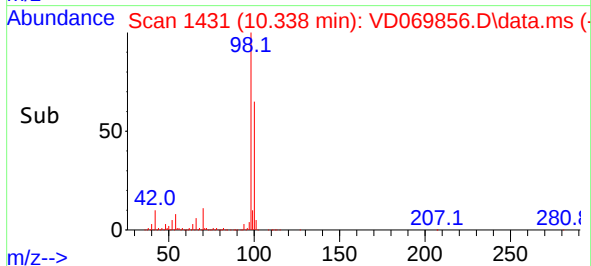
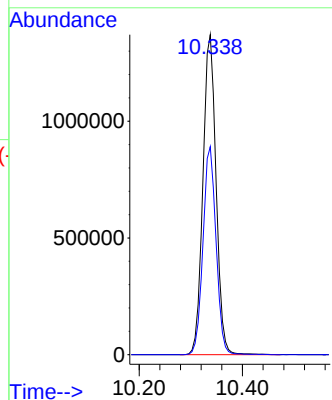
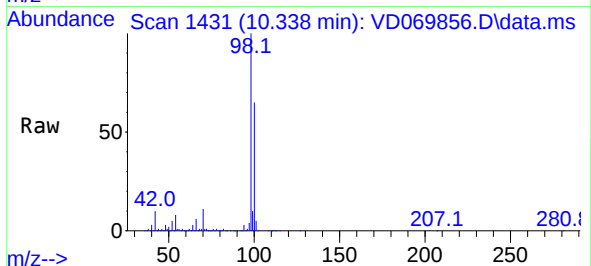




#50  
Toluene-d8  
Concen: 51.883 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

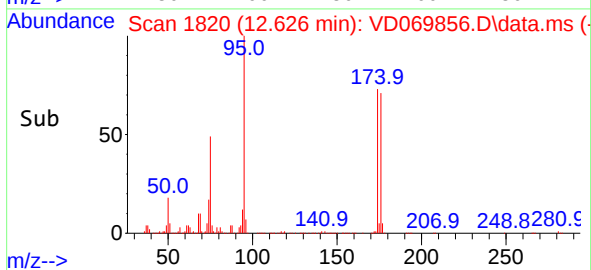
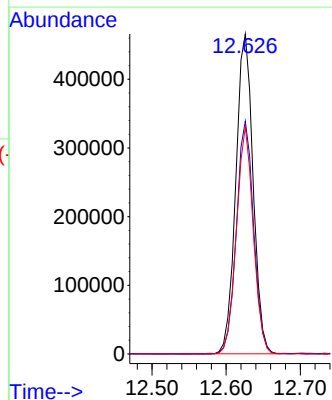
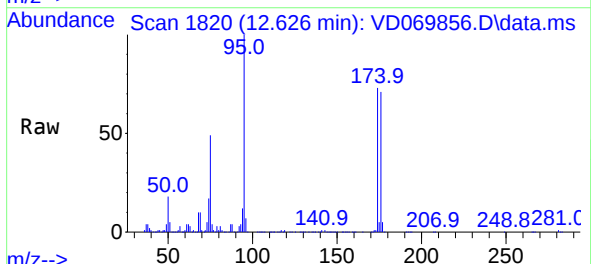
Instrument :  
MSVOA\_D  
ClientSampleId :  
20210579-COM-2

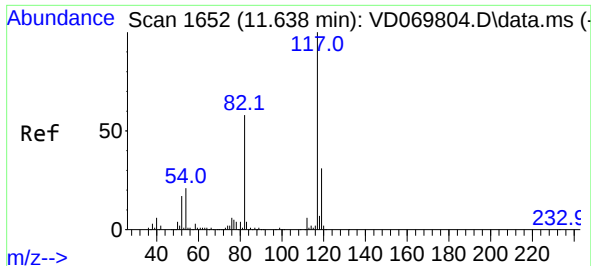
Tgt Ion: 98 Resp: 2419431  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 48.153 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

Tgt Ion: 95 Resp: 750462  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 142.6  
176 69.4 0.0 134.2

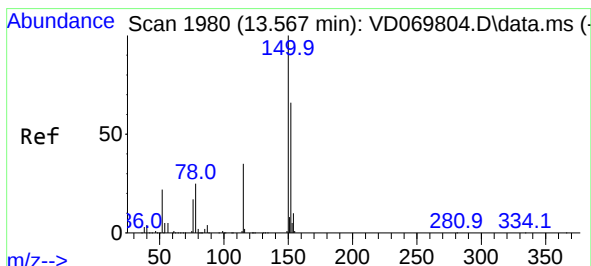
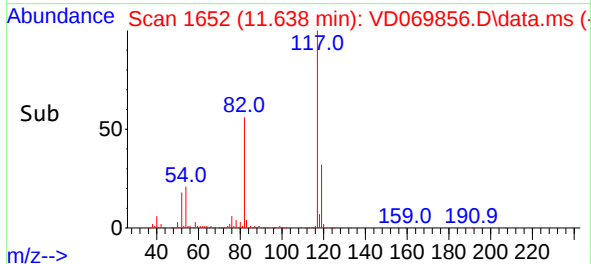
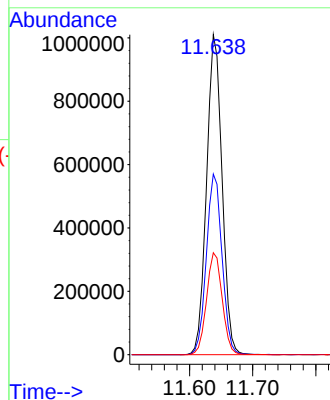
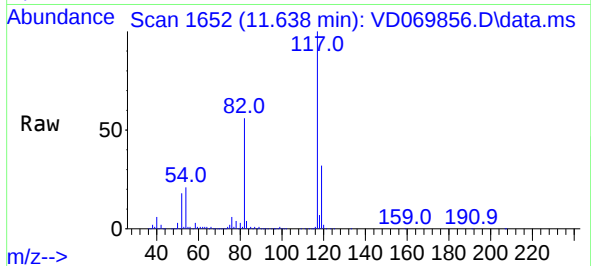




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

Instrument :  
MSVOA\_D  
ClientSampleId :  
20210579-COM-2

Tgt Ion:117 Resp: 1719955  
Ion Ratio Lower Upper  
117 100  
82 56.4 46.3 69.5  
119 31.9 24.7 37.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD069856.D  
Acq: 26 Jul 2021 19:13

Tgt Ion:152 Resp: 684069  
Ion Ratio Lower Upper  
152 100  
115 61.9 31.1 93.3  
150 157.9 0.0 343.0

