

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121820\  
 Data File : VW017676.D  
 Acq On : 18 Dec 2020 15:12  
 Operator : SY/VA  
 Sample : L5036-11  
 Misc : 6.41G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 B-10

Quant Time: Dec 19 00:12:49 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W121420S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 14 12:39:23 2020  
 Response via : Initial Calibration

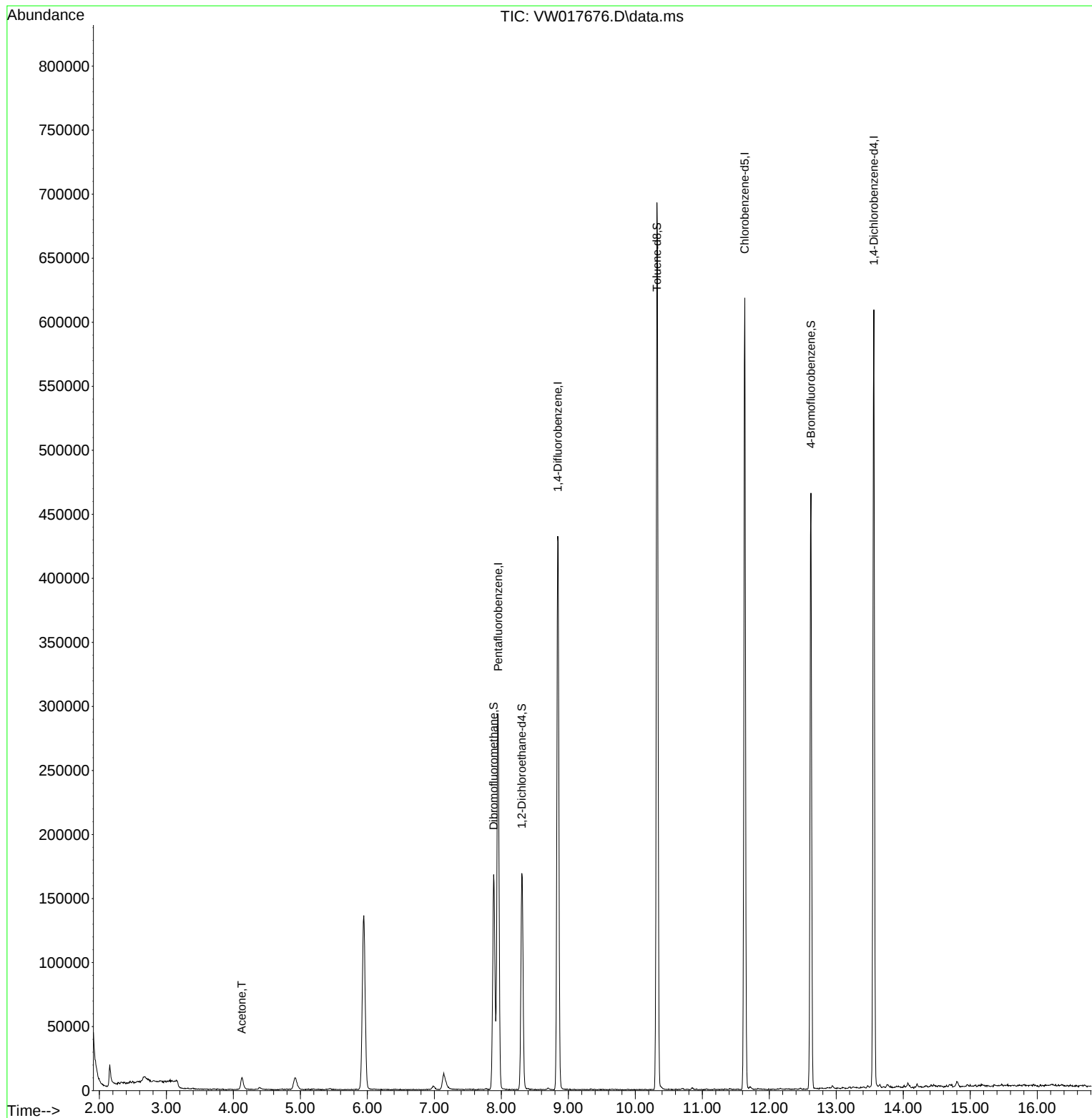
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|---------|-----------|
| -----                       |        |      |          |       |         |           |
| Internal Standards          |        |      |          |       |         |           |
| 1) Pentafluorobenzene       | 7.951  | 168  | 211091   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.842  | 114  | 362494   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.634 | 117  | 316079   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.560 | 152  | 140744   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |        |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.305  | 65   | 136489   | 53.08 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 106.16% |           |
| 35) Dibromofluoromethane    | 7.884  | 113  | 113194   | 47.19 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 94.38%  |           |
| 50) Toluene-d8              | 10.323 | 98   | 443412   | 47.48 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 94.96%  |           |
| 62) 4-Bromofluorobenzene    | 12.621 | 95   | 145643   | 43.68 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 87.36%  |           |
| Target Compounds            |        |      |          |       |         |           |
| 16) Acetone                 | 4.123  | 43   | 17195    | 30.73 | ug/l    | Qvalue 93 |
| -----                       |        |      |          |       |         |           |

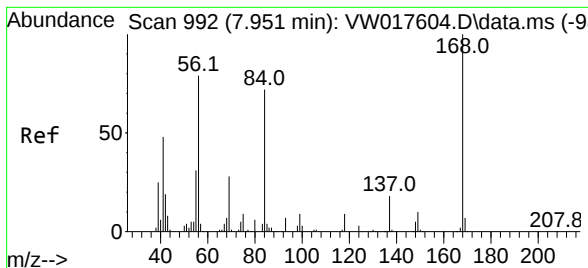
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121820\  
Data File : VW017676.D  
Acq On : 18 Dec 2020 15:12  
Operator : SY/VA  
Sample : L5036-11  
Misc : 6.41G/5ML/MSVOA\_W/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
B-10

Quant Time: Dec 19 00:12:49 2020  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W121420S.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 14 12:39:23 2020  
Response via : Initial Calibration

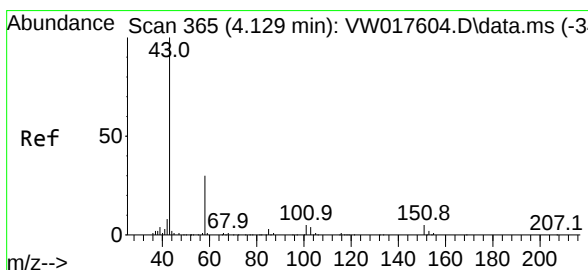
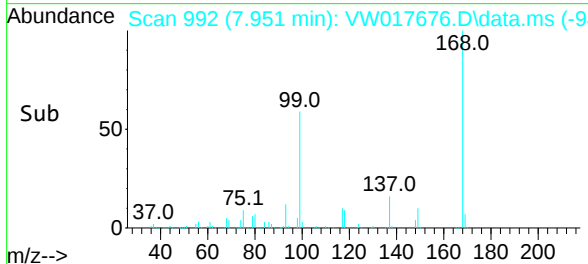
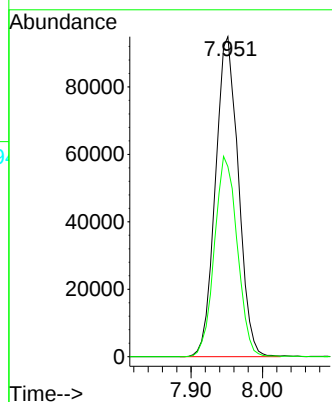
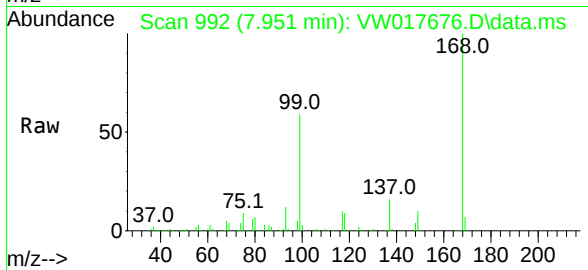




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VW017676.D  
Acq: 18 Dec 2020 15:12

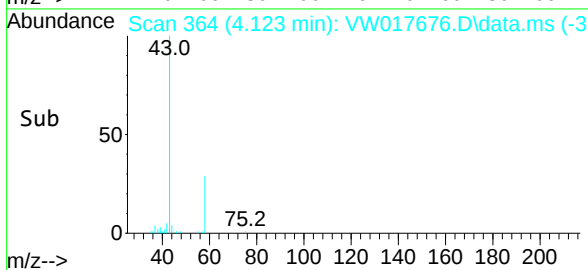
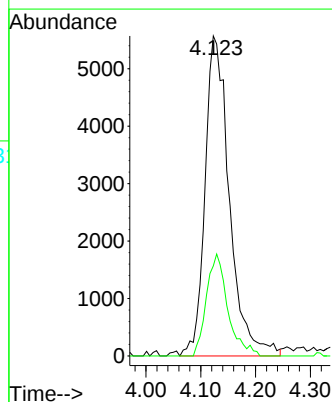
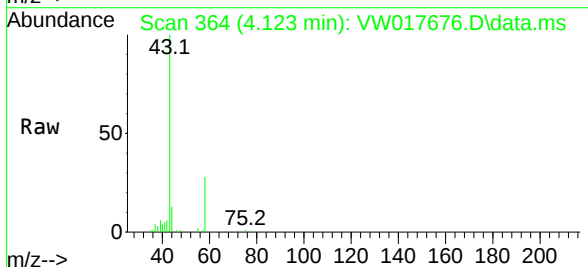
Instrument :  
MSVOA\_W  
ClientSampled :  
B-10

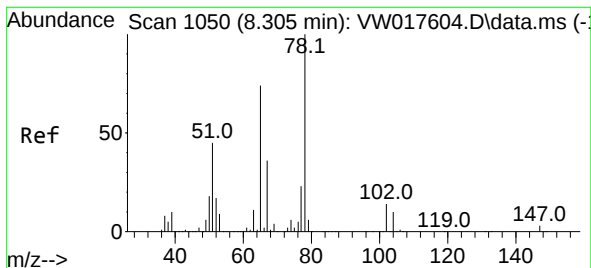
Tgt Ion:168 Resp: 211091  
Ion Ratio Lower Upper  
168 100  
99 59.4 40.7 61.1



#16  
Acetone  
Concen: 30.73 ug/l  
RT: 4.123 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VW017676.D  
Acq: 18 Dec 2020 15:12

Tgt Ion: 43 Resp: 17195  
Ion Ratio Lower Upper  
43 100  
58 28.1 25.7 38.5

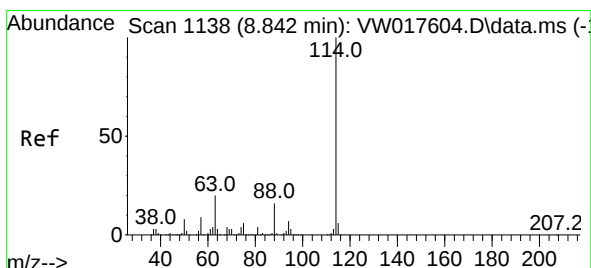
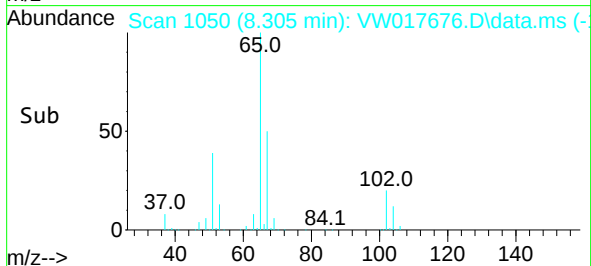
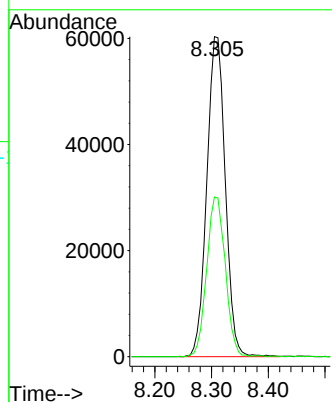
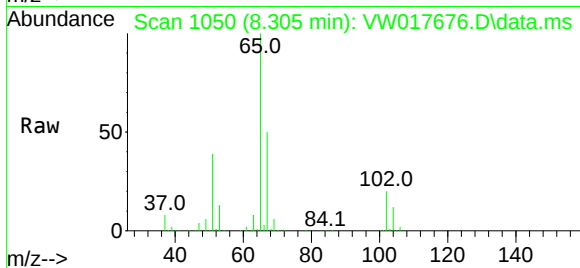




#33  
1,2-Dichloroethane-d4  
Concen: 53.08 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: VW017676.D  
Acq: 18 Dec 2020 15:12

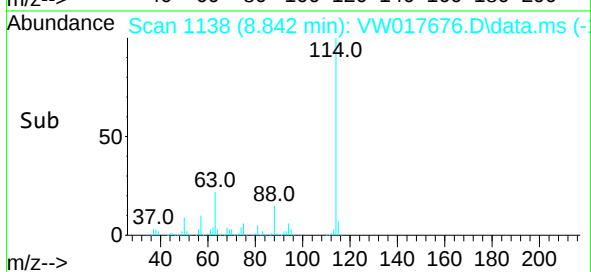
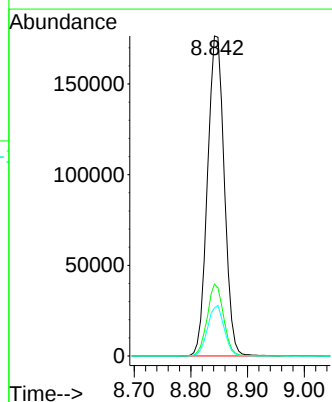
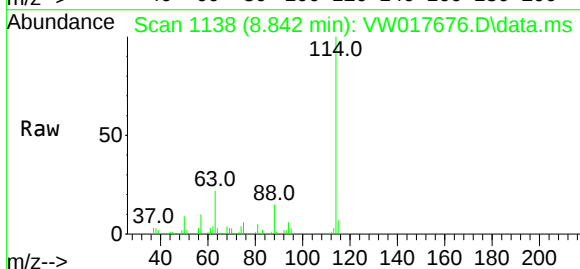
Instrument :  
MSVOA\_W  
ClientSampled :  
B-10

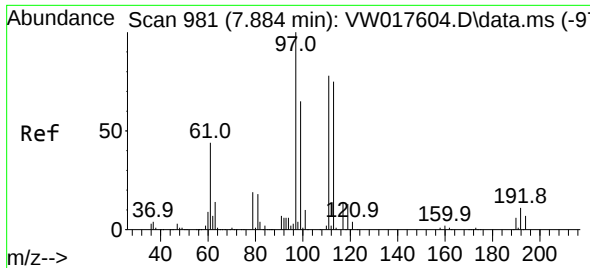
Tgt Ion: 65 Resp: 136489  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 103.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW017676.D  
Acq: 18 Dec 2020 15:12

Tgt Ion: 114 Resp: 362494  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 35.6  
88 15.1 0.0 30.4

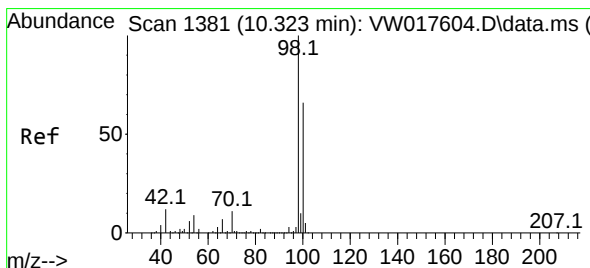
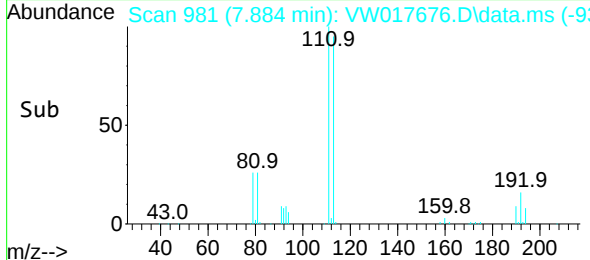
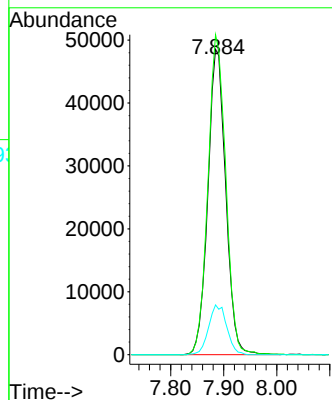
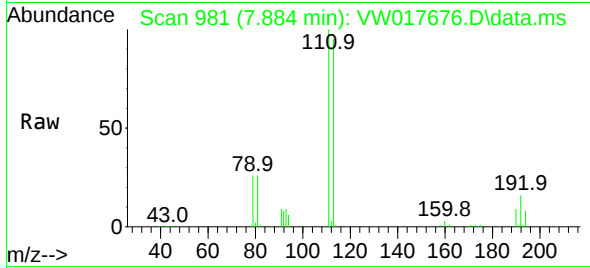




#35  
Dibromofluoromethane  
Concen: 47.19 ug/l  
RT: 7.884 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VW017676.D  
Acq: 18 Dec 2020 15:12

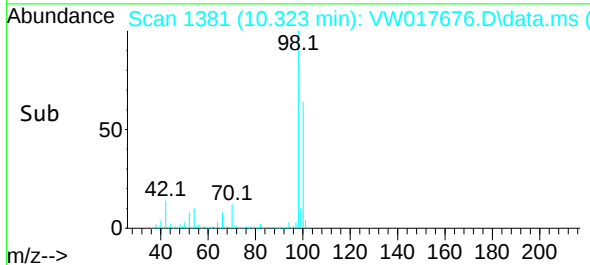
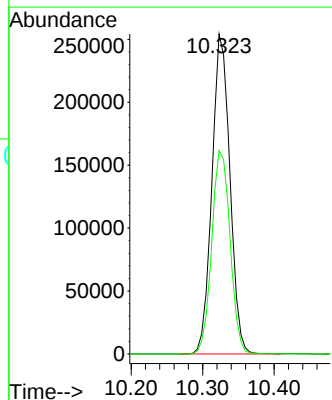
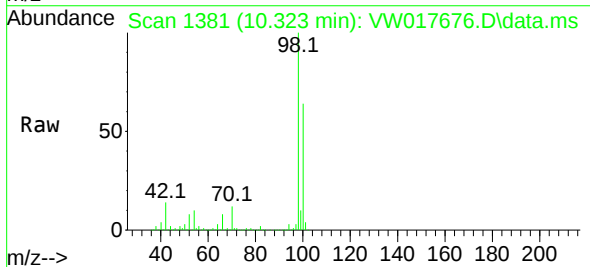
Instrument :  
MSVOA\_W  
ClientSampleId :  
B-10

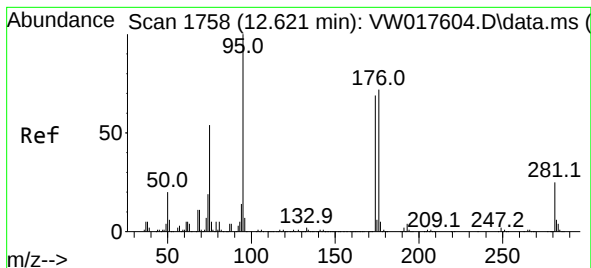
Tgt Ion:113 Resp: 113194  
Ion Ratio Lower Upper  
113 100  
111 105.0 81.4 122.2  
192 16.6 17.8 26.8#



#50  
Toluene-d8  
Concen: 47.48 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VW017676.D  
Acq: 18 Dec 2020 15:12

Tgt Ion: 98 Resp: 443412  
Ion Ratio Lower Upper  
98 100  
100 65.0 53.3 79.9

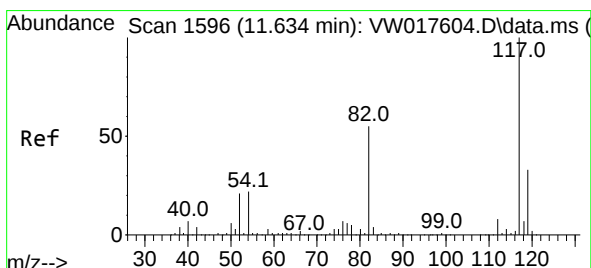
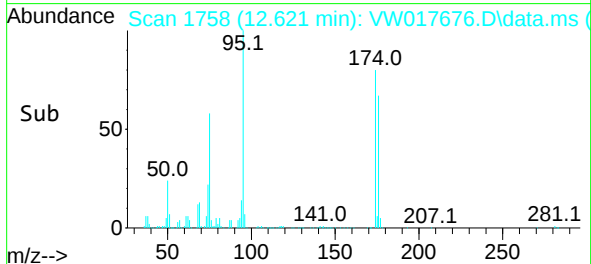
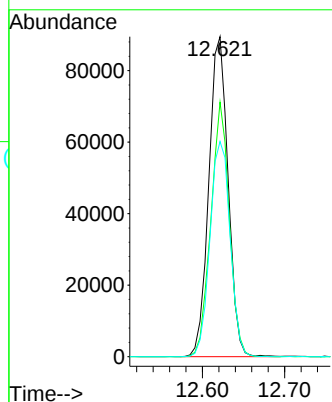
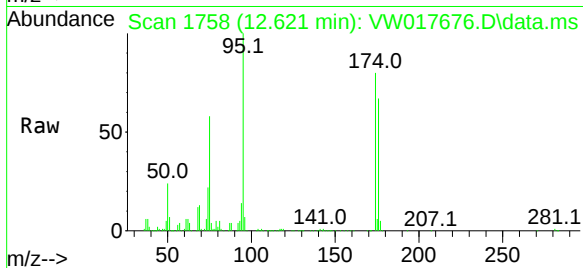




#62  
4-Bromofluorobenzene  
Concen: 43.68 ug/l  
RT: 12.621 min Scan# 1758  
Delta R.T. 0.000 min  
Lab File: VW017676.D  
Acq: 18 Dec 2020 15:12

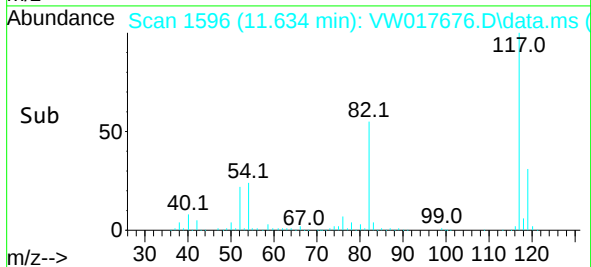
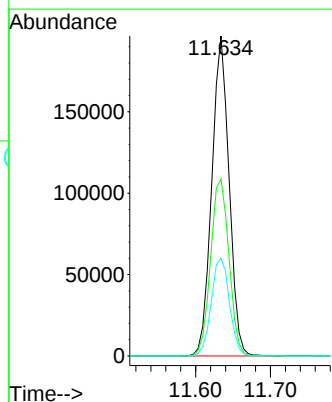
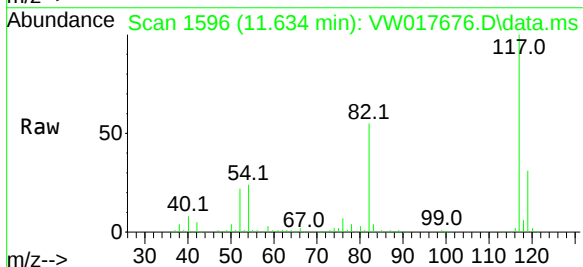
Instrument :  
MSVOA\_W  
ClientSampled :  
B-10

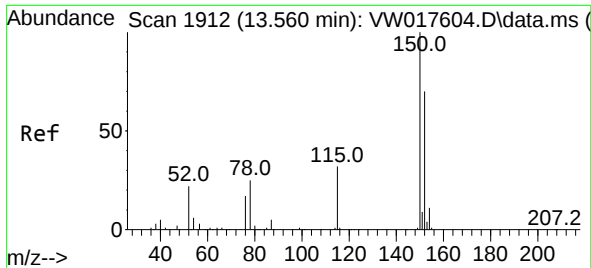
Tgt Ion: 95 Resp: 145643  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 180.6  
176 70.1 0.0 177.6



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW017676.D  
Acq: 18 Dec 2020 15:12

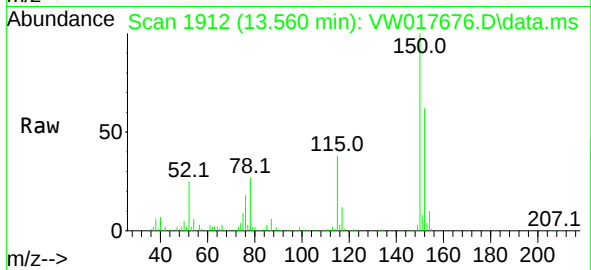
Tgt Ion: 117 Resp: 316079  
Ion Ratio Lower Upper  
117 100  
82 55.2 40.7 61.1  
119 30.5 25.0 37.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.560 min Scan# 1912  
 Delta R.T. 0.000 min  
 Lab File: VW017676.D  
 Acq: 18 Dec 2020 15:12

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 B-10



Tgt Ion:152 Resp: 140744  
 Ion Ratio Lower Upper  
 152 100  
 115 61.6 27.9 83.7  
 150 157.5 0.0 344.0

