

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_w\Data\Vw122120\  
 Data File : Vw017684.D  
 Acq On : 21 Dec 2020 11:18  
 Operator : SY/VA  
 Sample : Vw1221SBL01  
 Misc : 5.00G/5ML/MSVOA\_w/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1221SBL01

Quant Time: Dec 22 03:44:43 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       | 7.946  | 168  | 218577   | 50.00 | ug/l    | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.842  | 114  | 379807   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.634 | 117  | 328995   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.560 | 152  | 146836   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.305  | 65   | 135074   | 50.73 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 101.46% |          |
| 35) Dibromofluoromethane    | 7.885  | 113  | 122906   | 48.90 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.80%  |          |
| 50) Toluene-d8              | 10.323 | 98   | 467736   | 47.80 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.60%  |          |
| 62) 4-Bromofluorobenzene    | 12.615 | 95   | 152996   | 43.79 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 87.58%  |          |

Target Compounds Qvalue

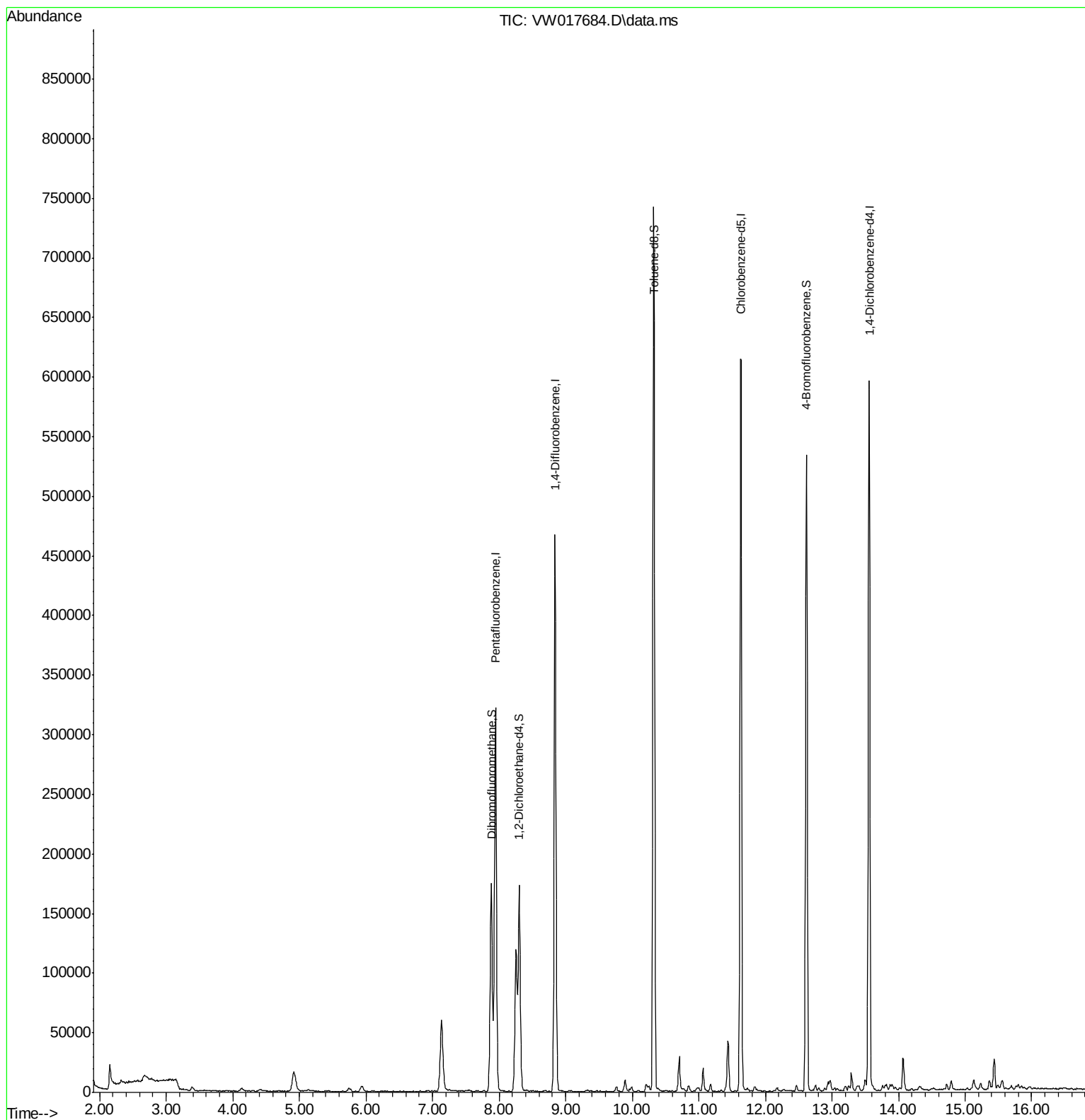
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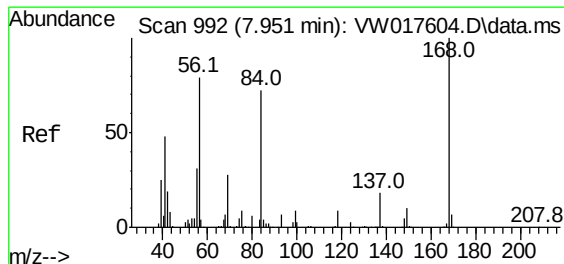
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VW1221SBL01

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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

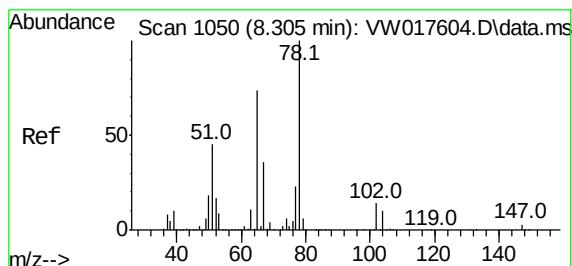
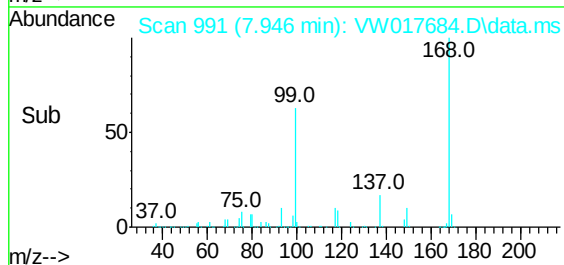
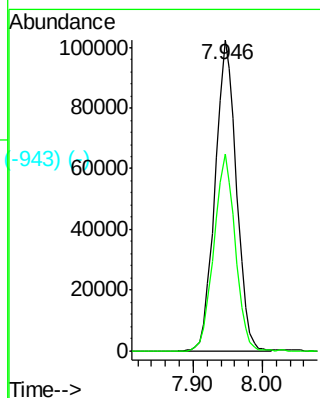
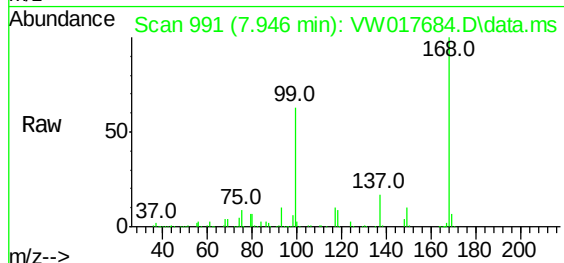




Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.946 min Scan# 991  
Delta R.T. -0.005 min  
Lab File: VW017684.D  
Acq: 21 Dec 2020 11:18

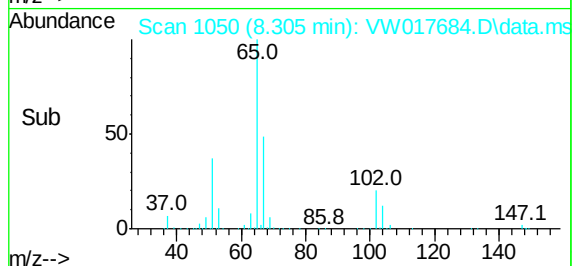
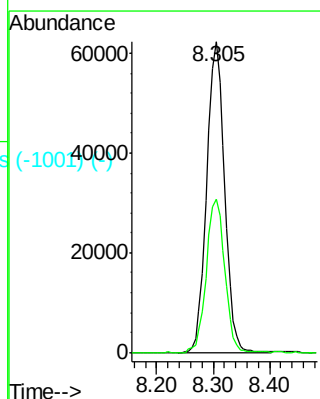
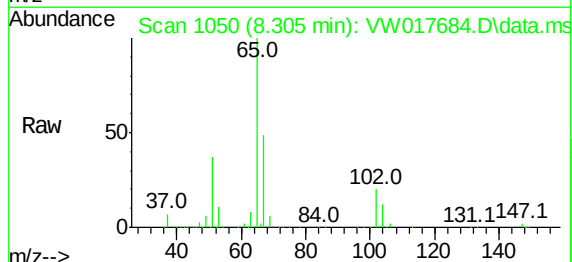
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1221SBL01

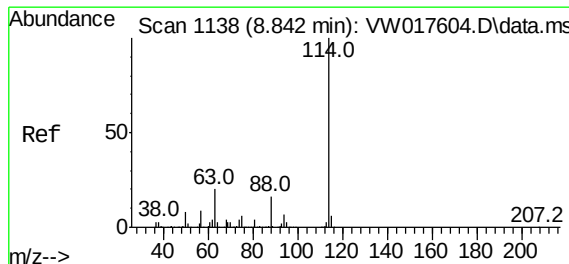
Tgt Ion:168 Resp: 218577  
Ion Ratio Lower Upper  
168 100  
99 63.2 40.7 61.1#



1,2-Dichloroethane-d4  
Concen: 50.73 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: VW017684.D  
Acq: 21 Dec 2020 11:18

Tgt Ion: 65 Resp: 135074  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 103.8

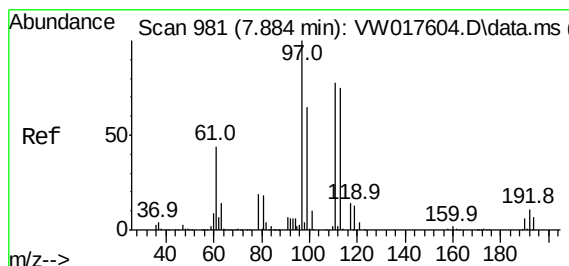
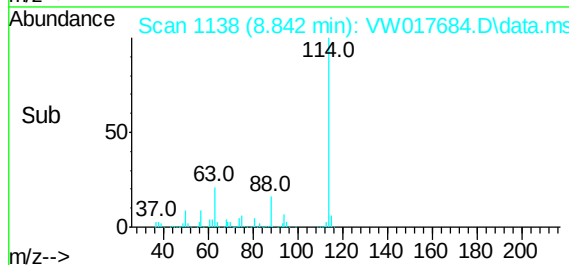
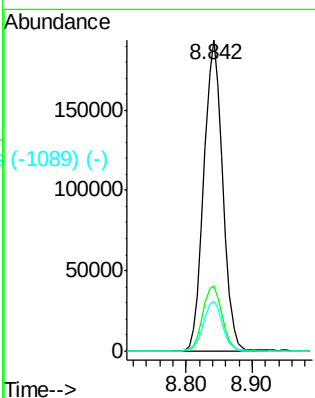
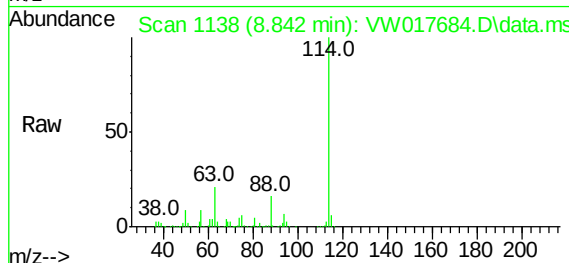




#118 (-)  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW017684.D  
Acq: 21 Dec 2020 11:18

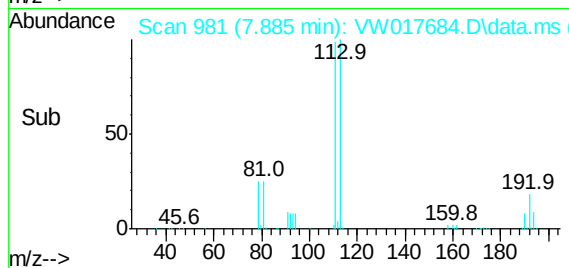
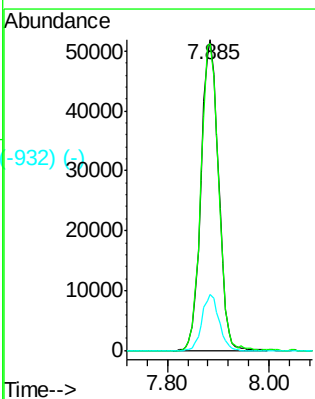
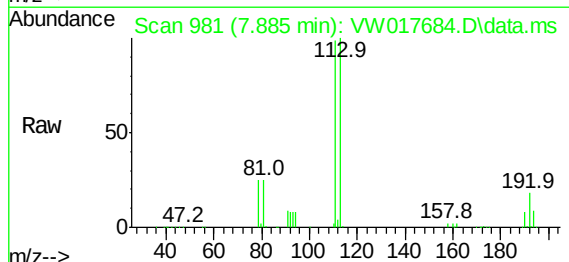
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1221SBL01

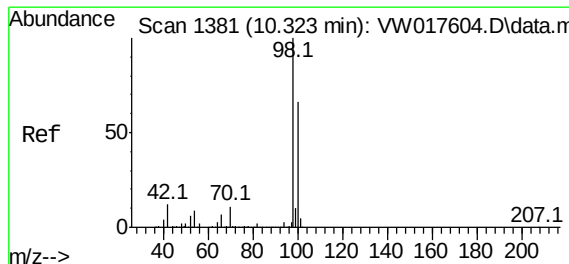
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 379807 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 20.9  | 0.0   | 35.6   |
| 88        | 15.8  | 0.0   | 30.4   |



#981 (-)  
Dibromofluoromethane  
Concen: 48.90 ug/l  
RT: 7.885 min Scan# 981  
Delta R.T. 0.001 min  
Lab File: VW017684.D  
Acq: 21 Dec 2020 11:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 122906 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 100.1 | 81.4  | 122.2  |
| 192       | 17.4  | 17.8  | 26.8#  |

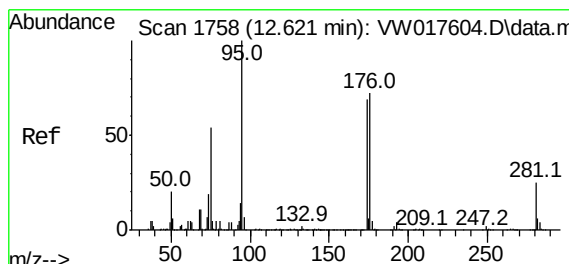
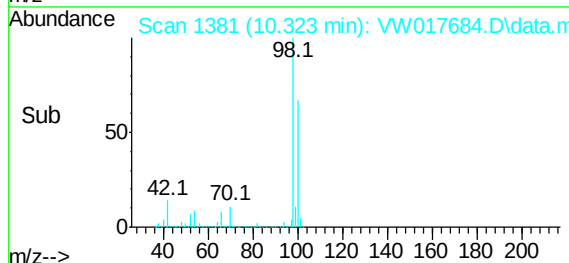
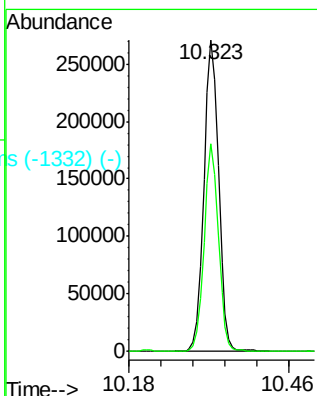
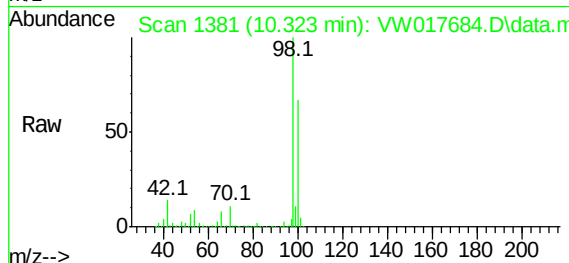




ToLuene-d8  
Concen: 47.80 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VW017684.D  
Acq: 21 Dec 2020 11:18

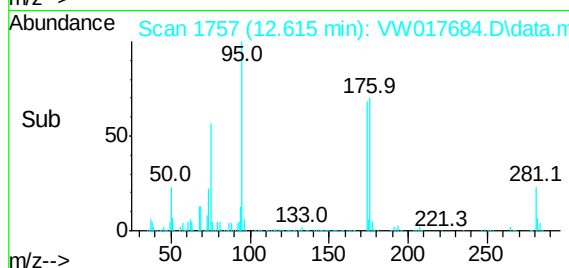
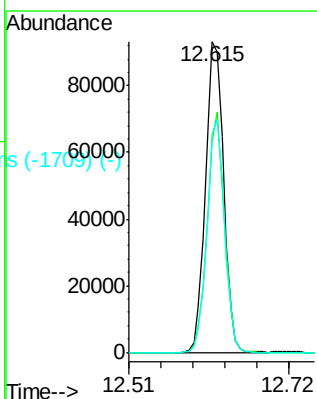
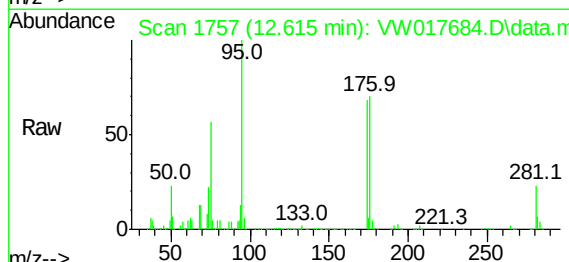
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1221SBL01

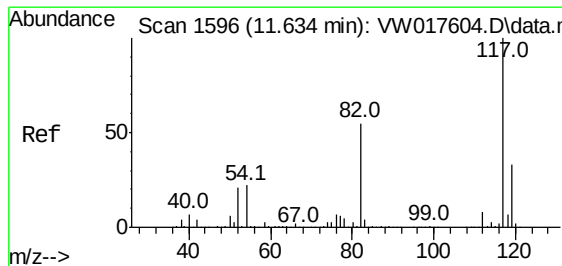
Tgt Ion: 98 Resp: 467736  
Ion Ratio Lower Upper  
98 100  
100 64.6 53.3 79.9



4-Bromofluorobenzene  
Concen: 43.79 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.006 min  
Lab File: VW017684.D  
Acq: 21 Dec 2020 11:18

Tgt Ion: 95 Resp: 152996  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 180.6  
176 72.3 0.0 177.6

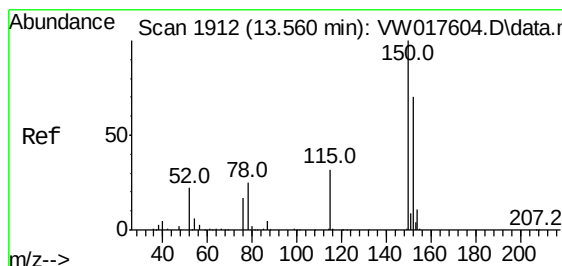
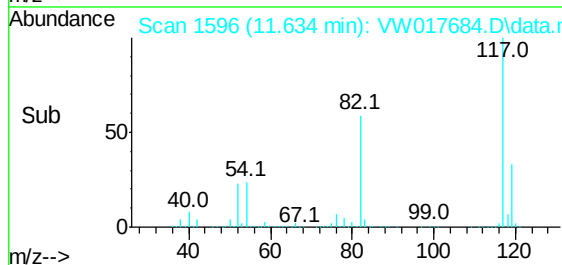
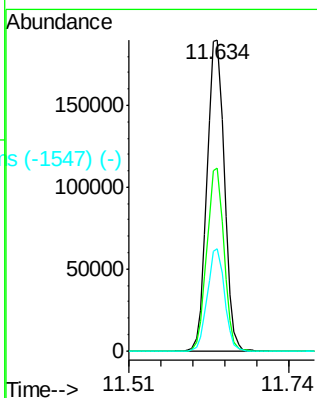
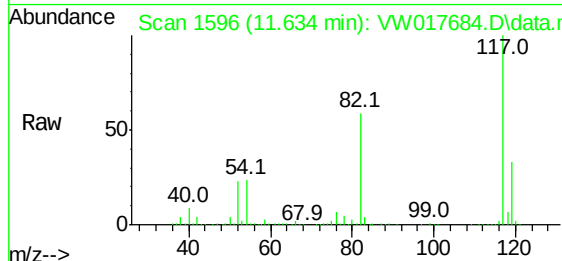




#6386 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW017684.D  
Acq: 21 Dec 2020 11:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1221SBL01

Tgt Ion:117 Resp: 328995  
Ion Ratio Lower Upper  
117 100  
82 58.8 40.7 61.1  
119 32.7 25.0 37.4



#7204 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW017684.D  
Acq: 21 Dec 2020 11:18

Tgt Ion:152 Resp: 146836  
Ion Ratio Lower Upper  
152 100  
115 60.0 27.9 83.7  
150 156.4 0.0 344.0

