

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\Vw121520\  
 Data File : VW017626.D  
 Acq On : 15 Dec 2020 11:53  
 Operator : SY/VA  
 Sample : VW1215SBL01  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1215SBL01

Quant Time: Dec 16 02:35:40 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

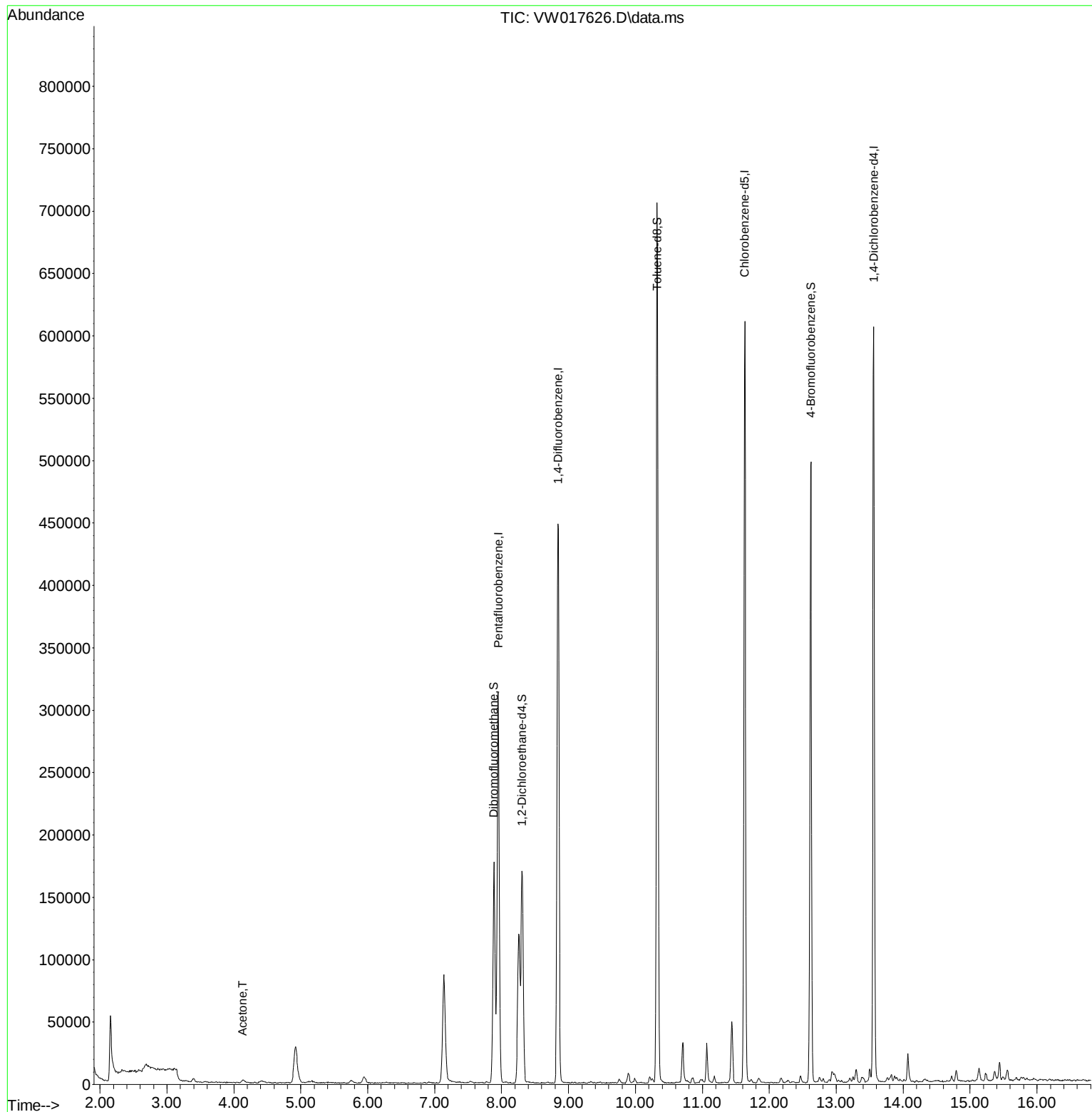
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|--------|-----------|
| -----                       |        |      |          |       |        |           |
| Internal Standards          |        |      |          |       |        |           |
| 1) Pentafluorobenzene       | 7.952  | 168  | 228119   | 50.00 | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.848  | 114  | 384895   | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.634 | 117  | 321541   | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.560 | 152  | 144022   | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |        |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.305  | 65   | 134045   | 48.24 | ug/l   | 0.00      |
| Spiked Amount 50.000        |        |      | Recovery | =     | 96.48% |           |
| 35) Dibromofluoromethane    | 7.885  | 113  | 123296   | 48.41 | ug/l   | 0.00      |
| Spiked Amount 50.000        |        |      | Recovery | =     | 96.82% |           |
| 50) Toluene-d8              | 10.323 | 98   | 459635   | 46.35 | ug/l   | 0.00      |
| Spiked Amount 50.000        |        |      | Recovery | =     | 92.70% |           |
| 62) 4-Bromofluorobenzene    | 12.621 | 95   | 155130   | 43.81 | ug/l   | 0.00      |
| Spiked Amount 50.000        |        |      | Recovery | =     | 87.62% |           |
| Target Compounds            |        |      |          |       |        |           |
| 16) Acetone                 | 4.129  | 43   | 4565     | 7.55  | ug/l # | Qvalue 81 |
| -----                       |        |      |          |       |        |           |

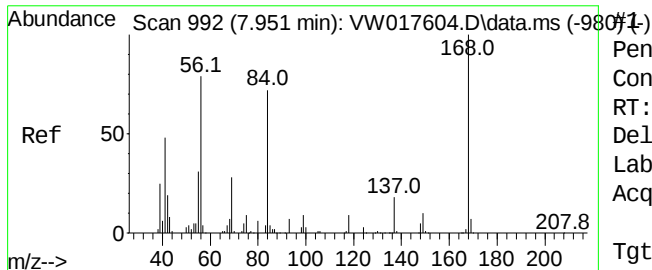
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121520\  
Data File : VW017626.D  
Acq On : 15 Dec 2020 11:53  
Operator : SY/VA  
Sample : VW1215SBL01  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1215SBL01

Quant Time: Dec 16 02:35:40 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

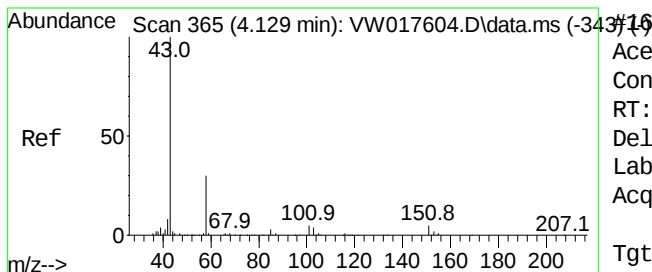
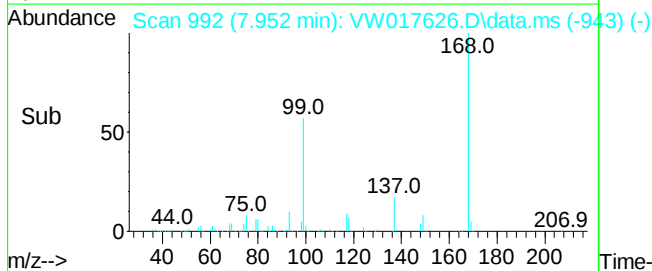
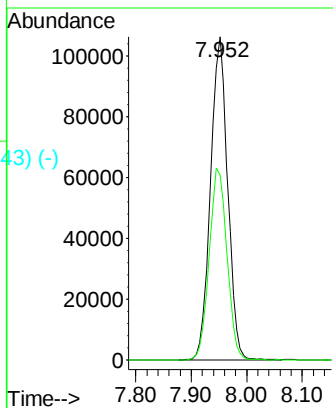
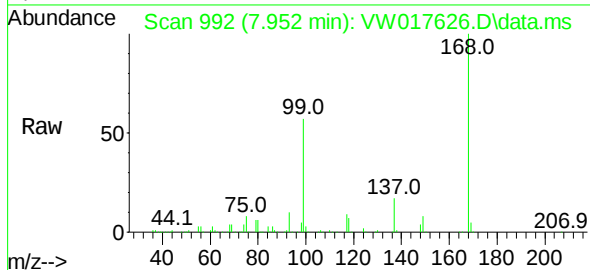




Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.952 min Scan# 992  
 Delta R.T. 0.001 min  
 Lab File: VW017626.D  
 Acq: 15 Dec 2020 11:53

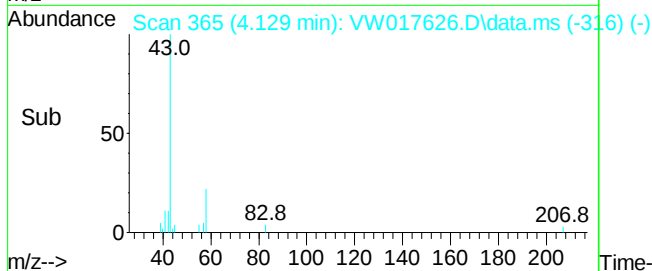
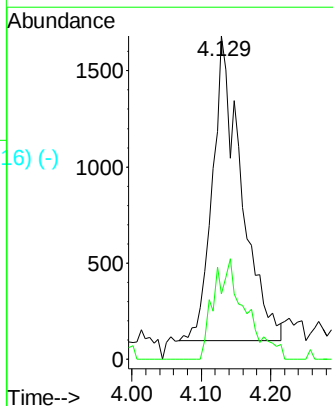
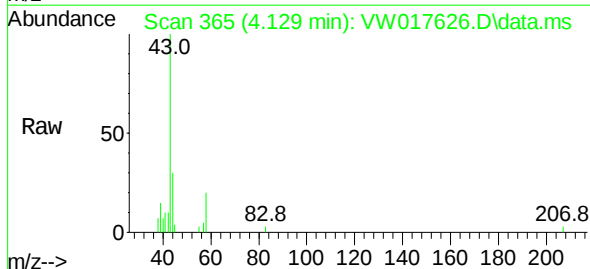
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW1215SBL01

Tgt Ion:168 Resp: 228119  
 Ion Ratio Lower Upper  
 168 100  
 99 57.2 40.7 61.1

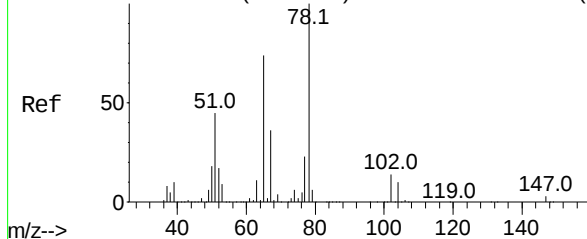


Acetone  
 Concen: 7.55 ug/l  
 RT: 4.129 min Scan# 365  
 Delta R.T. 0.000 min  
 Lab File: VW017626.D  
 Acq: 15 Dec 2020 11:53

Tgt Ion: 43 Resp: 4565  
 Ion Ratio Lower Upper  
 43 100  
 58 21.5 25.7 38.5#



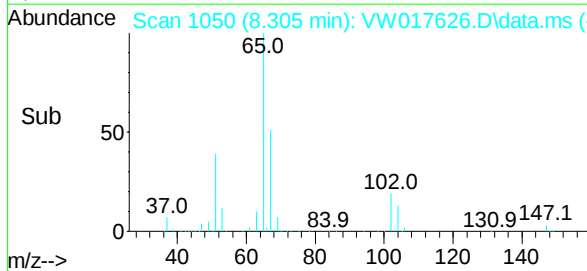
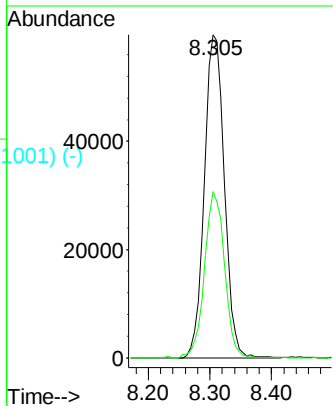
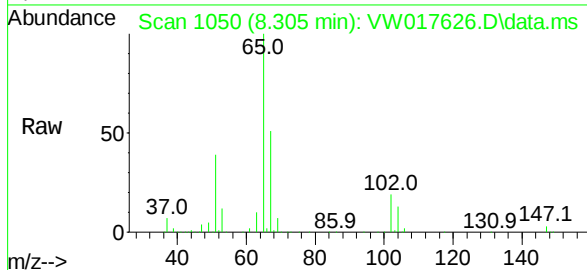
Abundance Scan 1050 (8.305 min): VW017604.D\data.ms (-1050) (-)



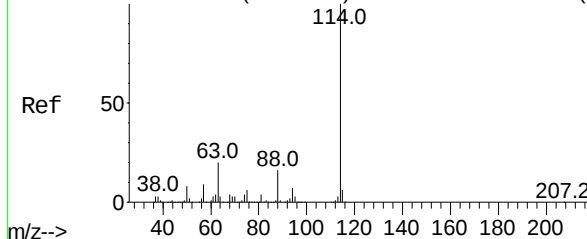
1,2-Dichloroethane-d4  
Concen: 48.24 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: VW017626.D  
Acq: 15 Dec 2020 11:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1215SBL01

Tgt Ion: 65 Resp: 134045  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 103.8

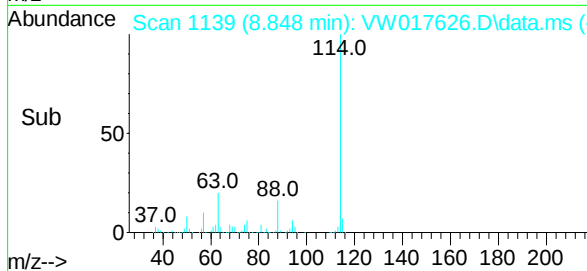
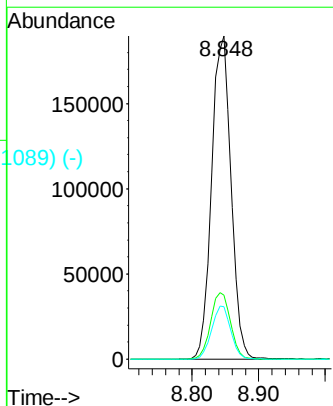
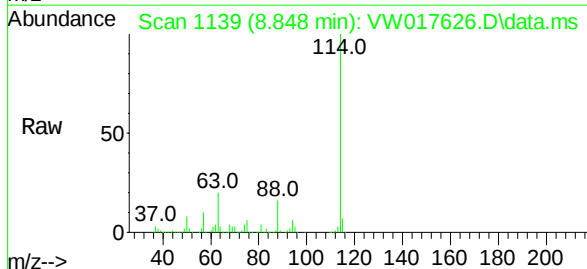


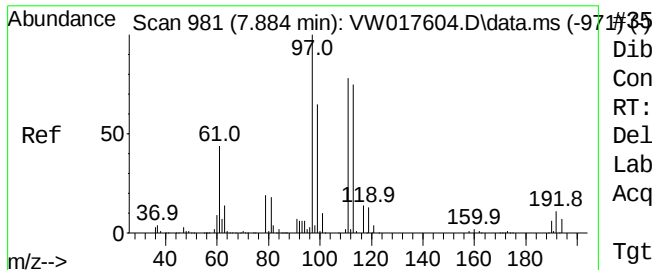
Abundance Scan 1138 (8.842 min): VW017604.D\data.ms (-1138) (-)



1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.848 min Scan# 1139  
Delta R.T. 0.006 min  
Lab File: VW017626.D  
Acq: 15 Dec 2020 11:53

Tgt Ion:114 Resp: 384895  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 35.6  
88 16.2 0.0 30.4

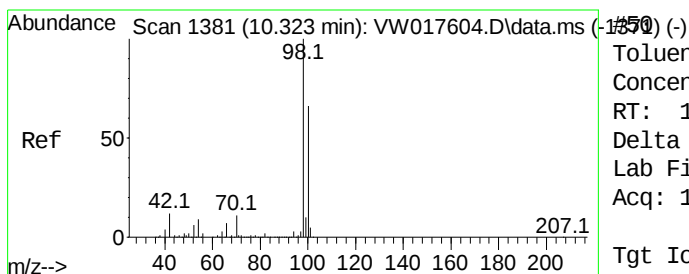
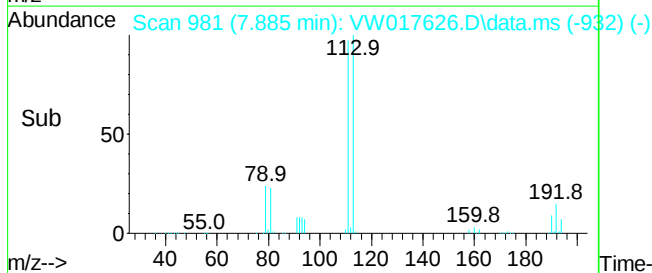
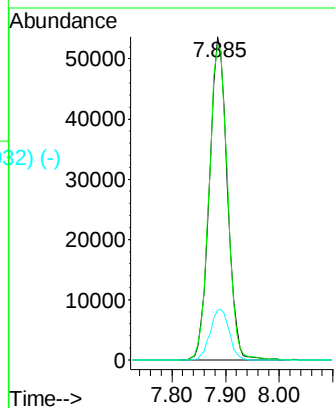
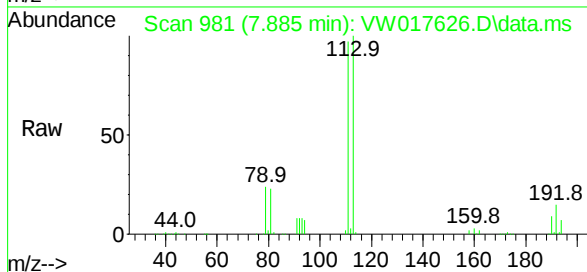




Dibromofluoromethane  
Concen: 48.41 ug/l  
RT: 7.885 min Scan# 981  
Delta R.T. 0.001 min  
Lab File: VW017626.D  
Acq: 15 Dec 2020 11:53

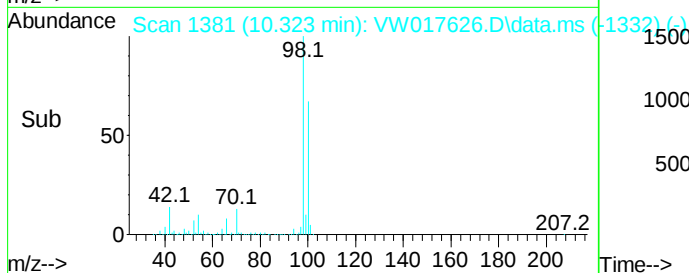
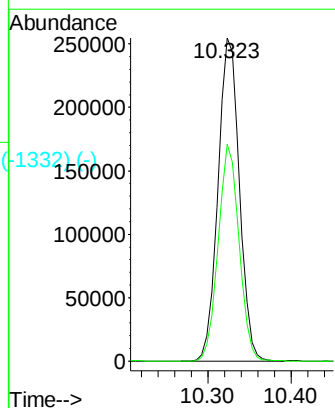
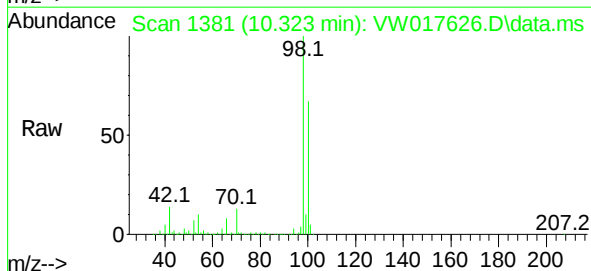
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1215SBL01

Tgt Ion:113 Resp: 123296  
Ion Ratio Lower Upper  
113 100  
111 100.4 81.4 122.2  
192 16.5 17.8 26.8#



Toluene-d8  
Concen: 46.35 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VW017626.D  
Acq: 15 Dec 2020 11:53

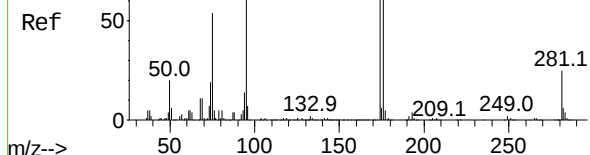
Tgt Ion: 98 Resp: 459635  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.3 79.9



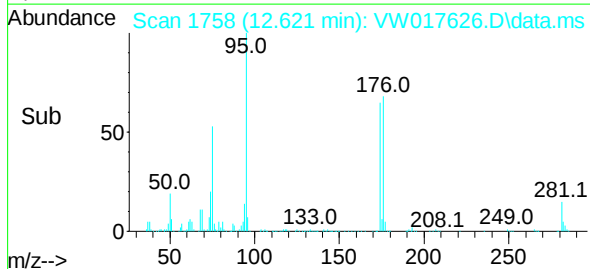
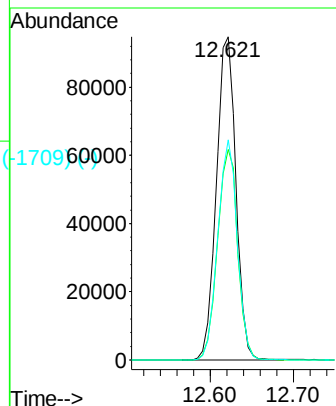
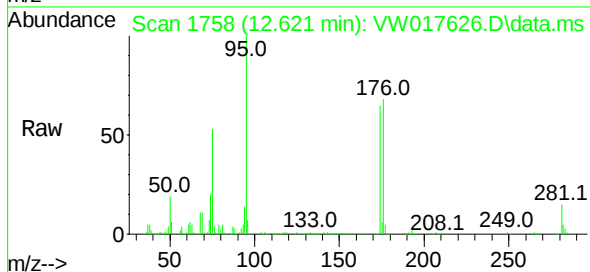
Abundance Scan 1758 (12.621 min): VW017604.D\data.ms (-1748) (-)

4-Bromofluorobenzene  
Concen: 43.81 ug/l  
RT: 12.621 min Scan# 1758  
Delta R.T. 0.000 min  
Lab File: VW017626.D  
Acq: 15 Dec 2020 11:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1215SBL01

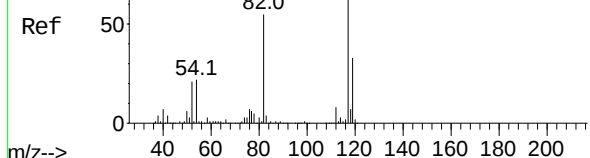


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 155130 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 67.3  | 0.0   | 180.6  |
| 176      | 68.3  | 0.0   | 177.6  |

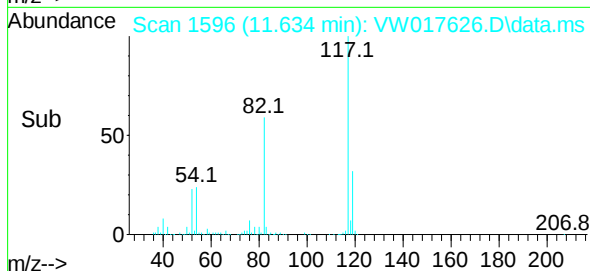
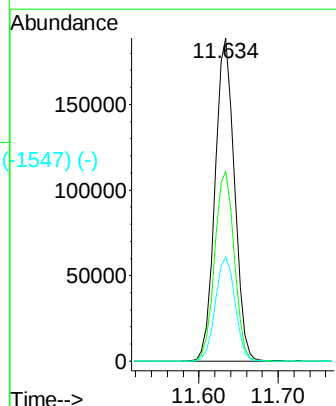
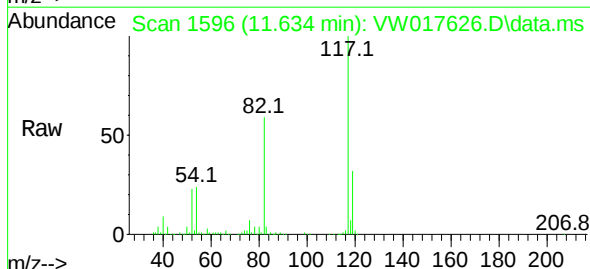


Abundance Scan 1596 (11.634 min): VW017604.D\data.ms (-1568) (-)

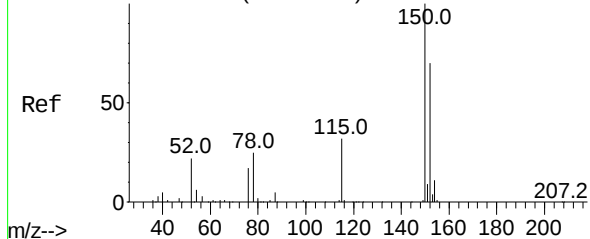
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW017626.D  
Acq: 15 Dec 2020 11:53



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 321541 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.8  | 40.7  | 61.1   |
| 119      | 32.3  | 25.0  | 37.4   |



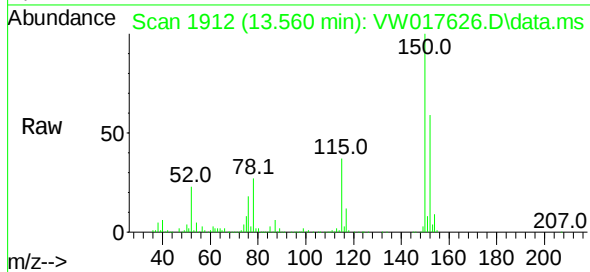
Abundance Scan 1912 (13.560 min): VW017604.D\data.ms (-1863) (-)



1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW017626.D  
Acq: 15 Dec 2020 11:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW1215SBL01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.0  | 27.9  | 83.7  |
| 150     | 163.0 | 0.0   | 344.0 |



Abundance Scan 1912 (13.560 min): VW017626.D\data.ms (-1863) (-)

