

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062121\  
 Data File : VW019247.D  
 Acq On : 21 Jun 2021 14:09  
 Operator : SY/VA  
 Sample : VW0621SBL01  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0621SBL01

Quant Time: Jun 22 03:11:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 21 12:12:47 2021  
 Response via : Initial Calibration

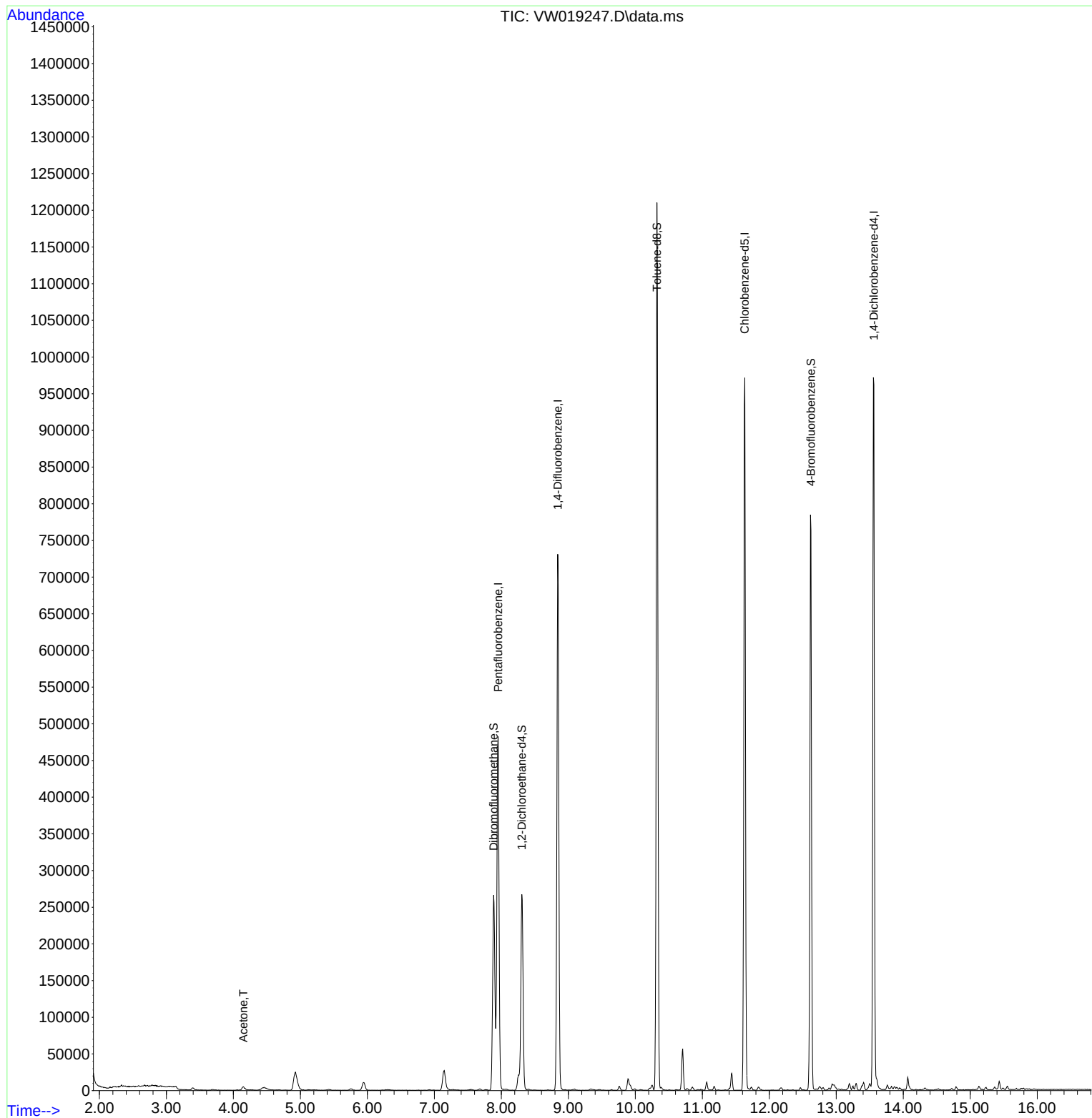
| Compound                    | R.T.   | QIon | Response | Conc   | Units    | Dev(Min)      |
|-----------------------------|--------|------|----------|--------|----------|---------------|
| -----                       |        |      |          |        |          |               |
| Internal Standards          |        |      |          |        |          |               |
| 1) Pentafluorobenzene       | 7.952  | 168  | 344098   | 50.000 | ug/l     | 0.00          |
| 34) 1,4-Difluorobenzene     | 8.842  | 114  | 585145   | 50.000 | ug/l     | 0.00          |
| 63) Chlorobenzene-d5        | 11.634 | 117  | 519632   | 50.000 | ug/l     | 0.00          |
| 72) 1,4-Dichlorobenzene-d4  | 13.560 | 152  | 241953   | 50.000 | ug/l     | 0.00          |
| System Monitoring Compounds |        |      |          |        |          |               |
| 33) 1,2-Dichloroethane-d4   | 8.305  | 65   | 218343   | 52.309 | ug/l     | 0.00          |
| Spiked Amount               | 50.000 |      | Recovery | =      | 104.620% |               |
| 35) Dibromofluoromethane    | 7.885  | 113  | 188343   | 50.534 | ug/l     | 0.00          |
| Spiked Amount               | 50.000 |      | Recovery | =      | 101.060% |               |
| 50) Toluene-d8              | 10.323 | 98   | 765860   | 51.332 | ug/l     | 0.00          |
| Spiked Amount               | 50.000 |      | Recovery | =      | 102.660% |               |
| 62) 4-Bromofluorobenzene    | 12.621 | 95   | 256652   | 49.185 | ug/l     | 0.00          |
| Spiked Amount               | 50.000 |      | Recovery | =      | 98.360%  |               |
| Target Compounds            |        |      |          |        |          |               |
| 16) Acetone                 | 4.147  | 43   | 9990     | 14.912 | ug/l     | Qvalue<br>100 |
| -----                       |        |      |          |        |          |               |

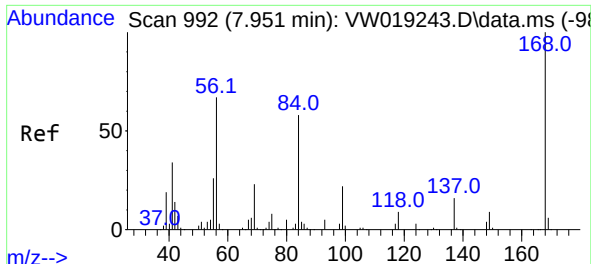
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062121\  
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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 21 12:12:47 2021  
Response via : Initial Calibration

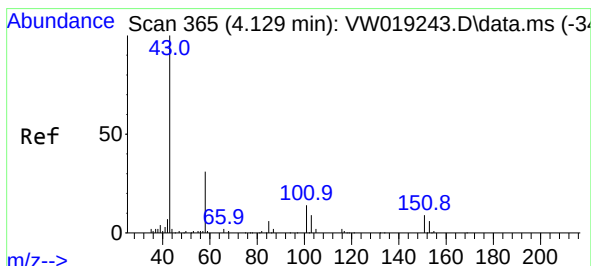
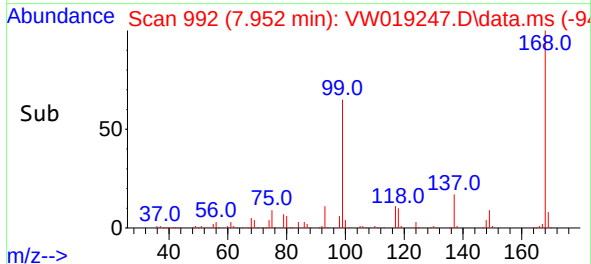
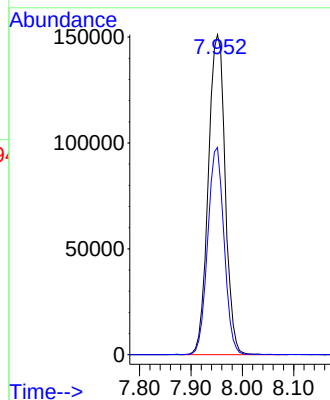
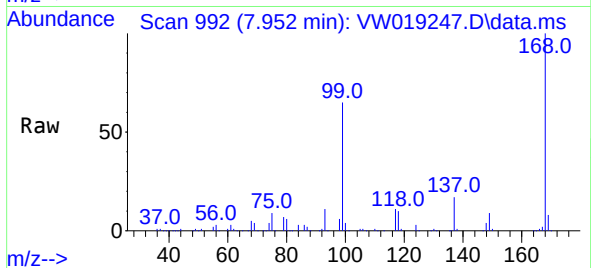




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.952 min Scan# 992  
Delta R.T. 0.001 min  
Lab File: VW019247.D  
Acq: 21 Jun 2021 14:09

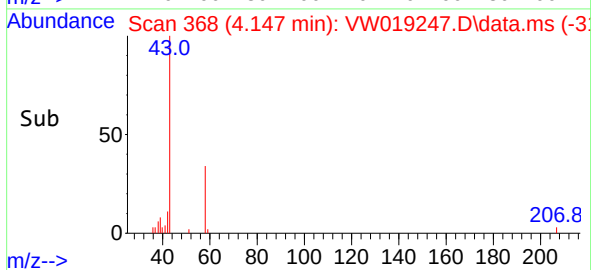
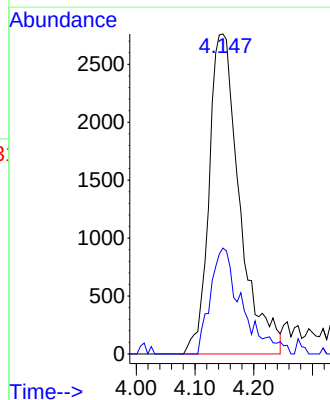
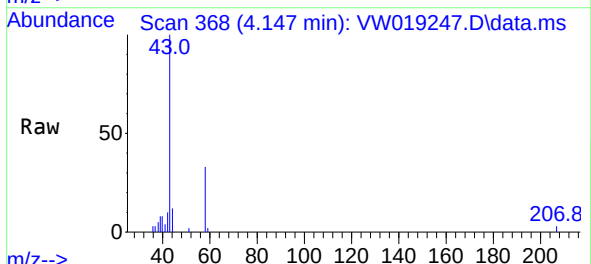
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0621SBL01

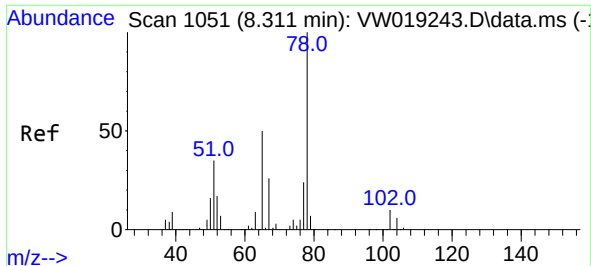
Tgt Ion:168 Resp: 344098  
Ion Ratio Lower Upper  
168 100  
99 64.7 48.8 73.2



#16  
Acetone  
Concen: 14.912 ug/l  
RT: 4.147 min Scan# 368  
Delta R.T. 0.018 min  
Lab File: VW019247.D  
Acq: 21 Jun 2021 14:09

Tgt Ion: 43 Resp: 9990  
Ion Ratio Lower Upper  
43 100  
58 33.1 26.4 39.6

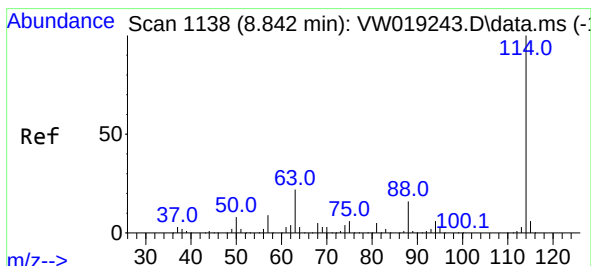
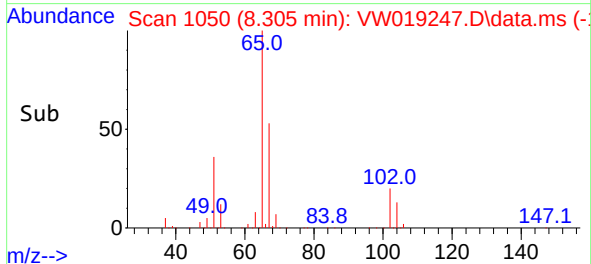
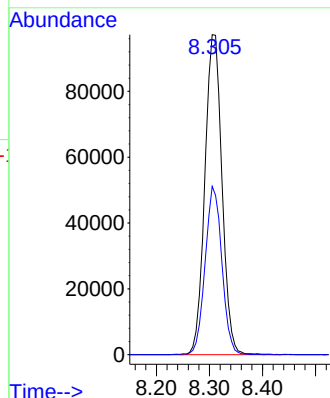
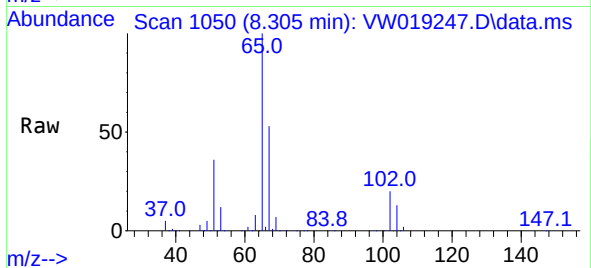




#33  
1,2-Dichloroethane-d4  
Concen: 52.309 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VW019247.D  
Acq: 21 Jun 2021 14:09

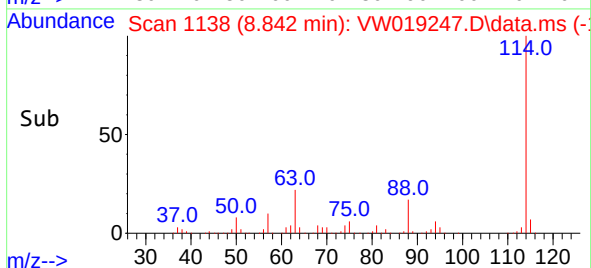
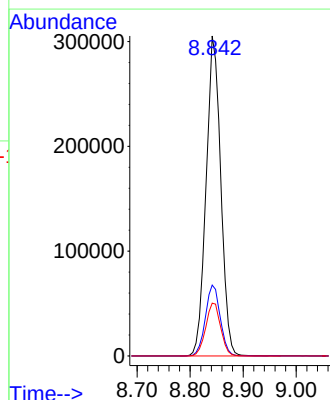
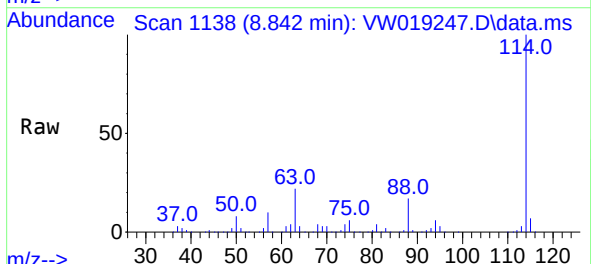
Instrument :  
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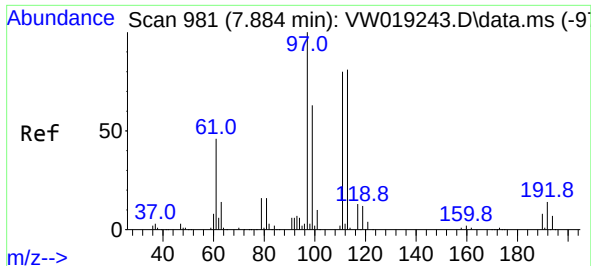
Tgt Ion: 65 Resp: 218343  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 104.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW019247.D  
Acq: 21 Jun 2021 14:09

Tgt Ion: 114 Resp: 585145  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 42.4  
88 16.5 0.0 33.2

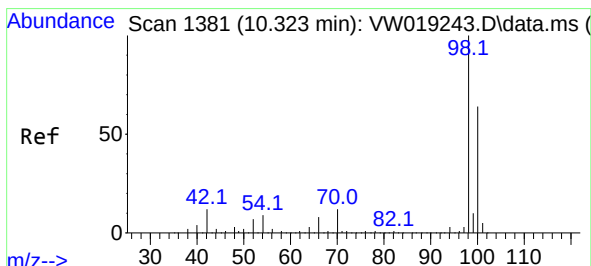
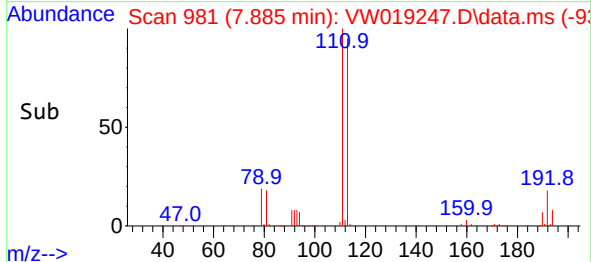
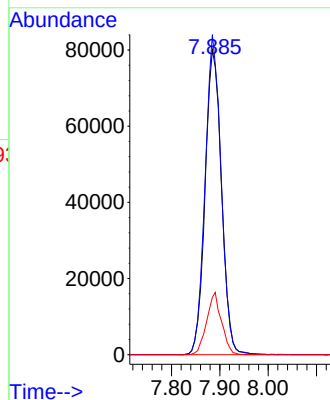
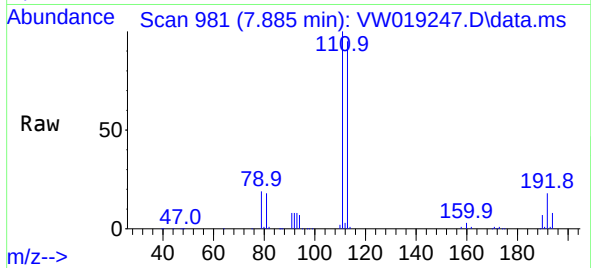




#35  
 Dibromofluoromethane  
 Concen: 50.534 ug/l  
 RT: 7.885 min Scan# 981  
 Delta R.T. 0.001 min  
 Lab File: VW019247.D  
 Acq: 21 Jun 2021 14:09

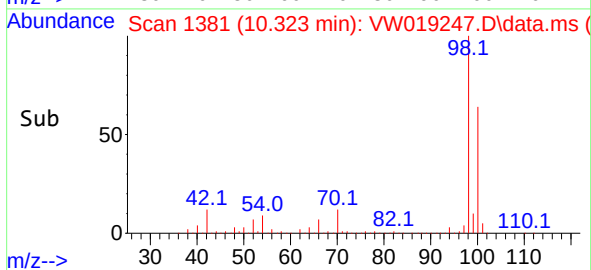
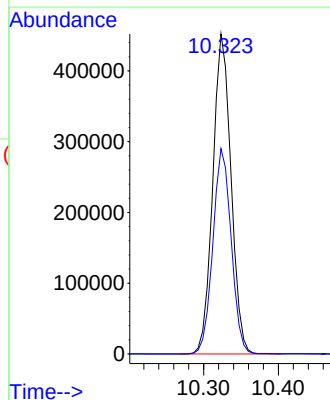
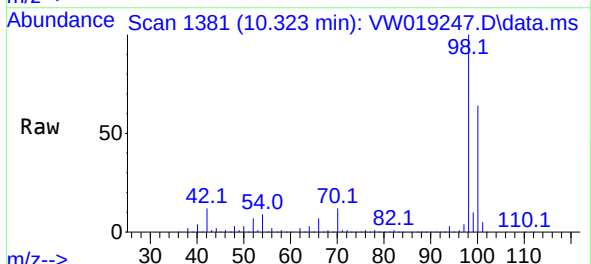
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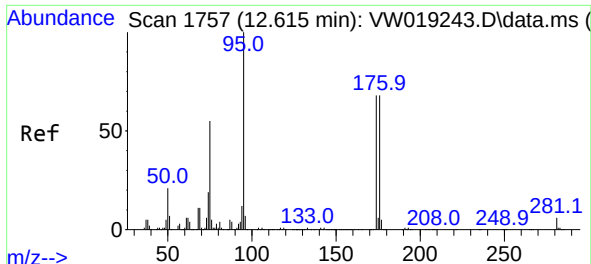
Tgt Ion:113 Resp: 188343  
 Ion Ratio Lower Upper  
 113 100  
 111 102.9 82.3 123.5  
 192 18.5 15.3 22.9



#50  
 Toluene-d8  
 Concen: 51.332 ug/l  
 RT: 10.323 min Scan# 1381  
 Delta R.T. 0.000 min  
 Lab File: VW019247.D  
 Acq: 21 Jun 2021 14:09

Tgt Ion: 98 Resp: 765860  
 Ion Ratio Lower Upper  
 98 100  
 100 64.4 52.0 78.0

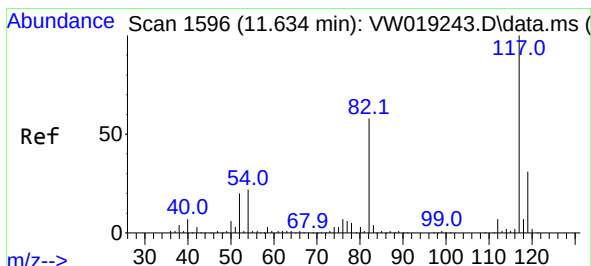
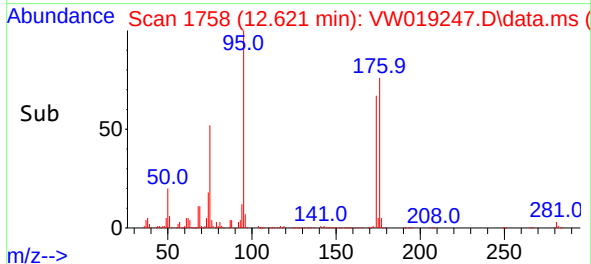
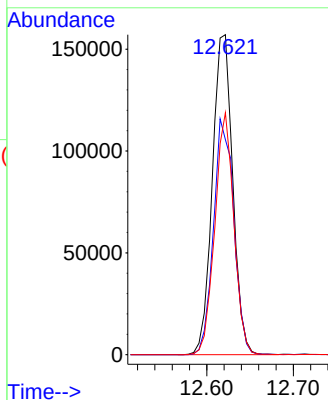
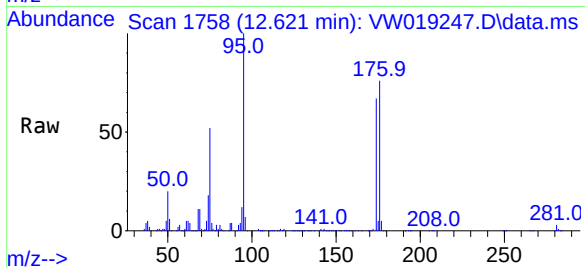




#62  
4-Bromofluorobenzene  
Concen: 49.185 ug/l  
RT: 12.621 min Scan# 1758  
Delta R.T. 0.006 min  
Lab File: VW019247.D  
Acq: 21 Jun 2021 14:09

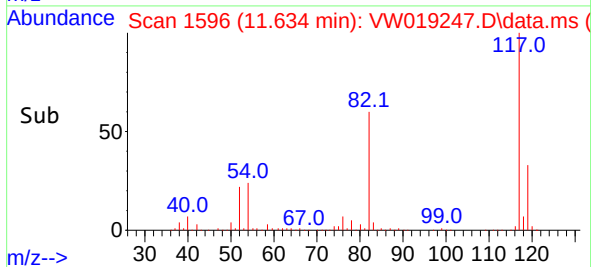
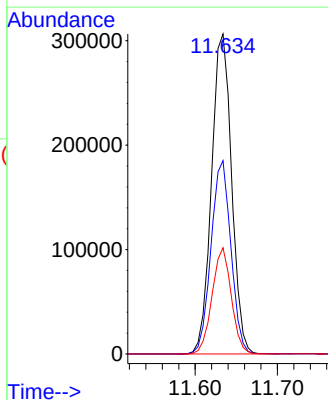
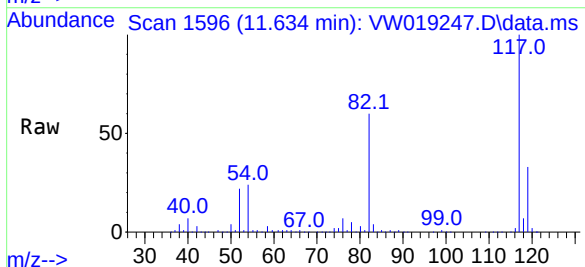
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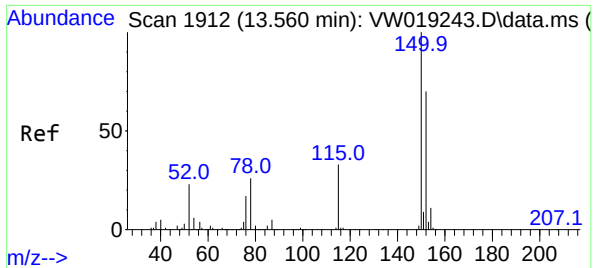
Tgt Ion: 95 Resp: 256652  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 156.2  
176 70.8 0.0 160.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW019247.D  
Acq: 21 Jun 2021 14:09

Tgt Ion: 117 Resp: 519632  
Ion Ratio Lower Upper  
117 100  
82 60.4 44.4 66.6  
119 33.2 24.6 36.8





1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.560 min Scan# 1912  
 Delta R.T. 0.000 min  
 Lab File: VW019247.D  
 Acq: 21 Jun 2021 14:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0621SBL01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 241953 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 63.2  | 30.3  | 90.8   |
| 150      | 155.2 | 0.0   | 356.0  |

