

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051221\  
 Data File : VU043679.D  
 Acq On : 12 May 2021 15:53  
 Operator : SY/MD  
 Sample : M2322-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-2-20210505

Quant Time: May 13 01:33:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 11 09:51:45 2021  
 Response via : Initial Calibration

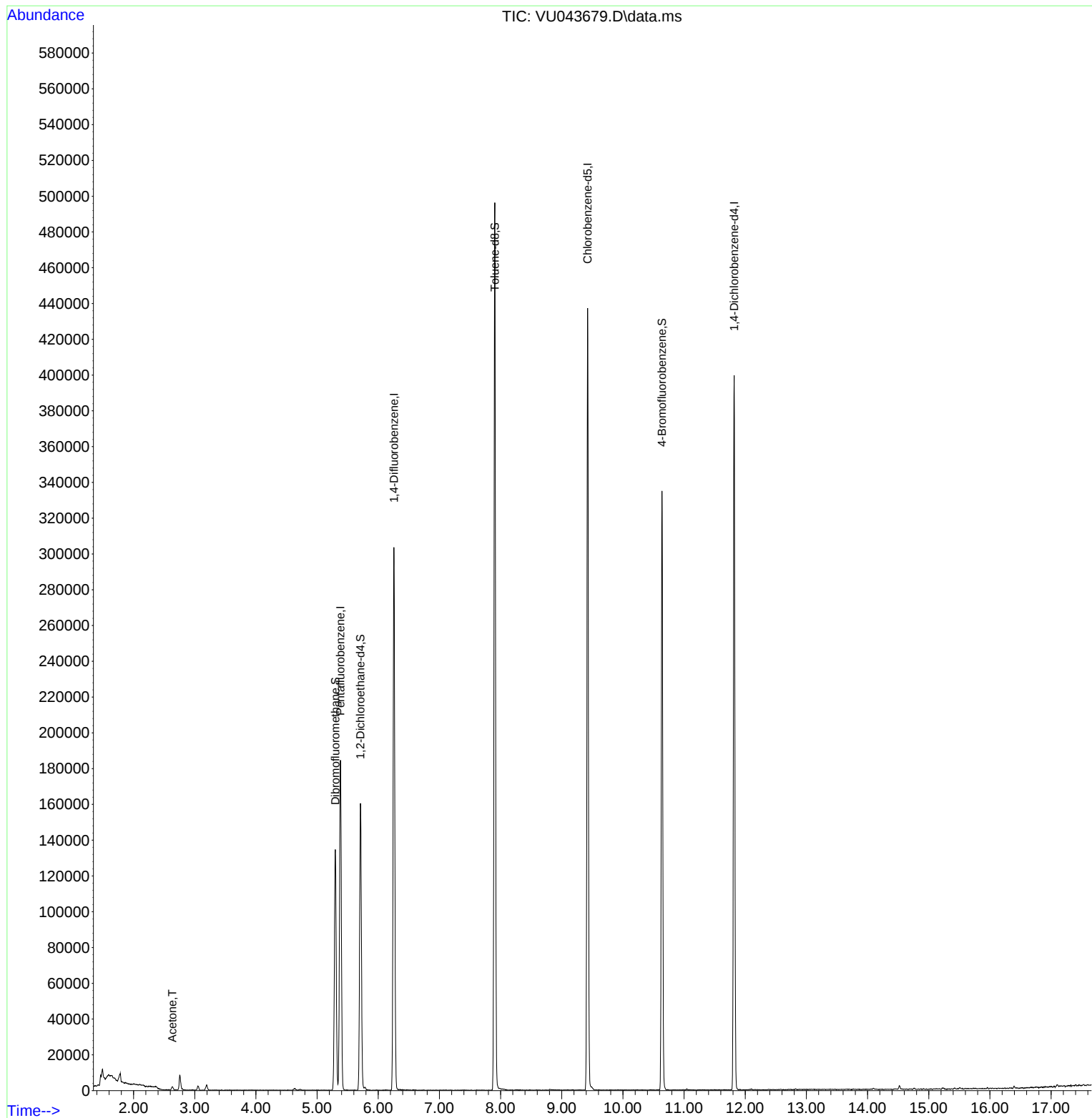
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min)    |
|-----------------------------|--------|------|----------|-------|--------|-------------|
| -----                       |        |      |          |       |        |             |
| Internal Standards          |        |      |          |       |        |             |
| 1) Pentafluorobenzene       | 5.382  | 168  | 118291   | 50.00 | ug/l   | 0.00        |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 218502   | 50.00 | ug/l   | 0.00        |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 213213   | 50.00 | ug/l   | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 94498    | 50.00 | ug/l   | 0.00        |
| System Monitoring Compounds |        |      |          |       |        |             |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 119652   | 48.90 | ug/l   | 0.00        |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.80% |             |
| 35) Dibromofluoromethane    | 5.298  | 113  | 84302    | 46.75 | ug/l   | 0.00        |
| Spiked Amount               | 50.000 |      | Recovery | =     | 93.50% |             |
| 50) Toluene-d8              | 7.906  | 98   | 296157   | 48.81 | ug/l   | 0.00        |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.62% |             |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 103969   | 43.97 | ug/l   | 0.00        |
| Spiked Amount               | 50.000 |      | Recovery | =     | 87.94% |             |
| Target Compounds            |        |      |          |       |        |             |
| 16) Acetone                 | 2.632  | 43   | 2437     | 1.83  | ug/l   | Qvalue # 85 |
| -----                       |        |      |          |       |        |             |

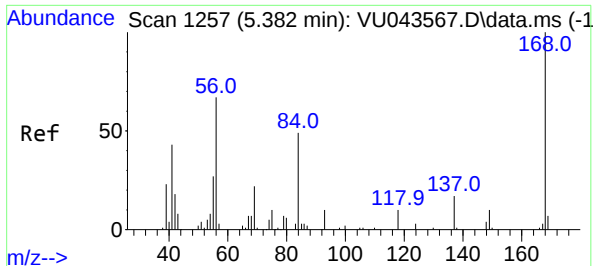
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_U  
ClientSampleId :  
MW-2-20210505

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 11 09:51:45 2021  
Response via : Initial Calibration

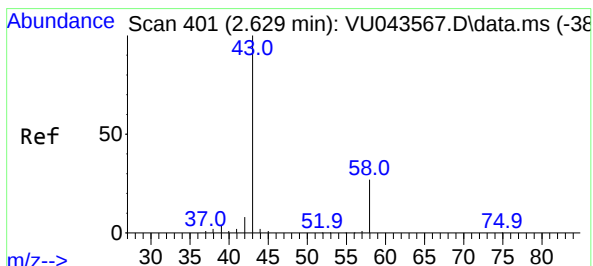
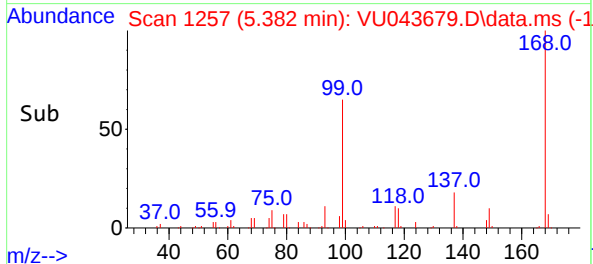
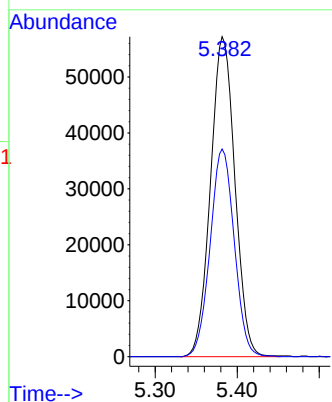
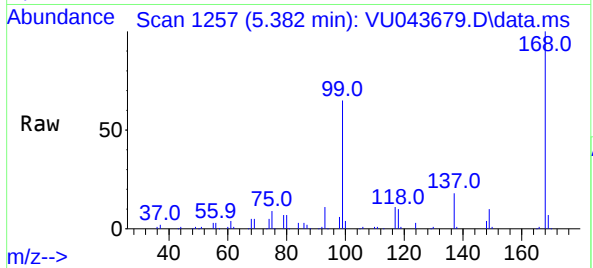




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043679.D  
Acq: 12 May 2021 15:53

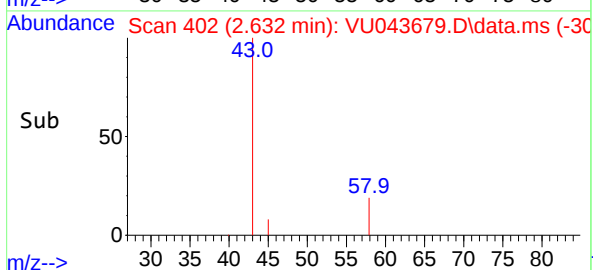
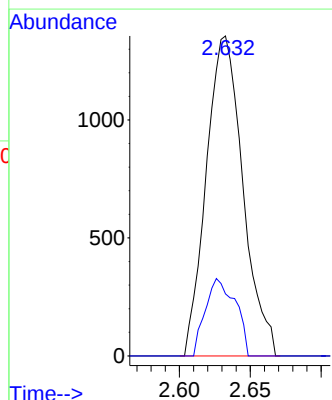
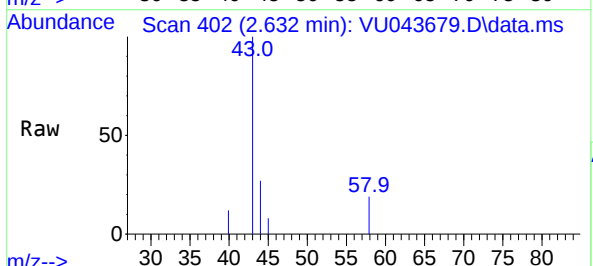
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-2-20210505

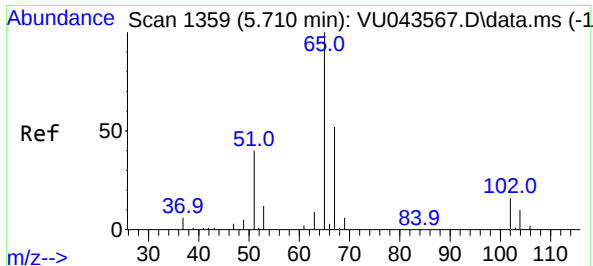
Tgt Ion:168 Resp: 118291  
Ion Ratio Lower Upper  
168 100  
99 64.9 49.0 73.6



#16  
Acetone  
Concen: 1.83 ug/l  
RT: 2.632 min Scan# 402  
Delta R.T. 0.003 min  
Lab File: VU043679.D  
Acq: 12 May 2021 15:53

Tgt Ion: 43 Resp: 2437  
Ion Ratio Lower Upper  
43 100  
58 19.4 21.7 32.5#

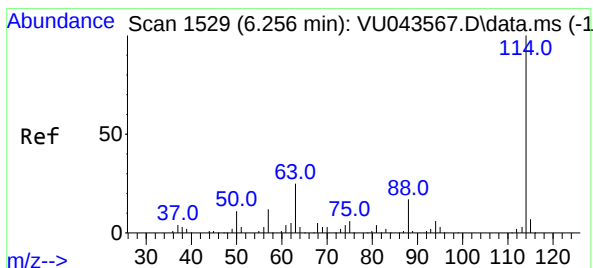
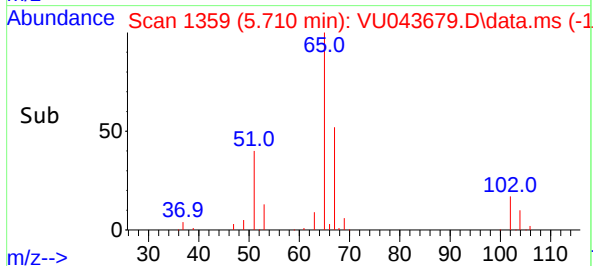
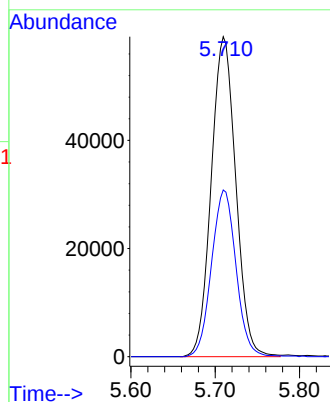
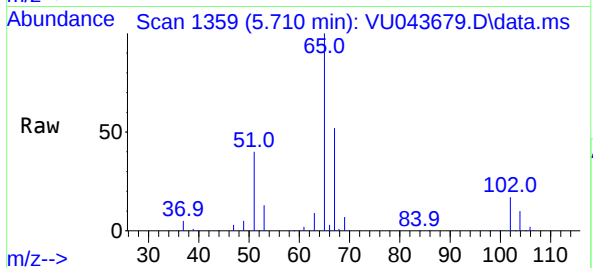




#33  
1,2-Dichloroethane-d4  
Concen: 48.90 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU043679.D  
Acq: 12 May 2021 15:53

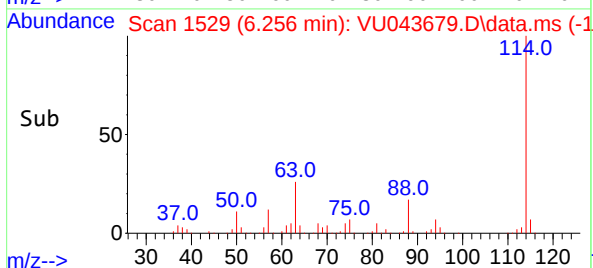
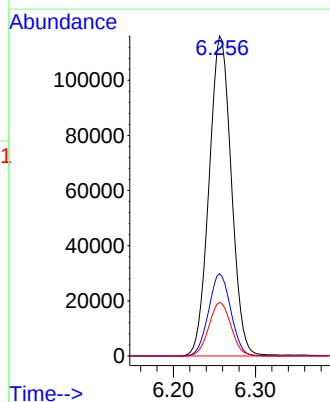
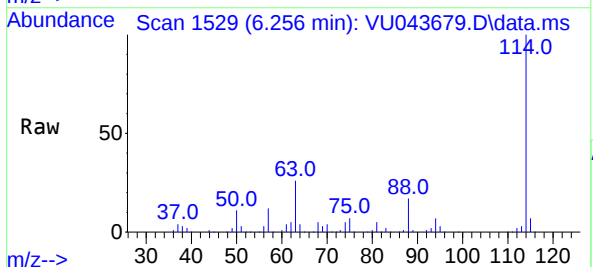
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-2-20210505

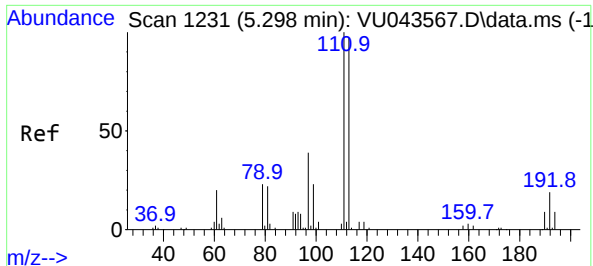
Tgt Ion: 65 Resp: 119652  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 104.6



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU043679.D  
Acq: 12 May 2021 15:53

Tgt Ion: 114 Resp: 218502  
Ion Ratio Lower Upper  
114 100  
63 25.7 0.0 50.2  
88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.75 ug/l

RT: 5.298 min Scan# 1231

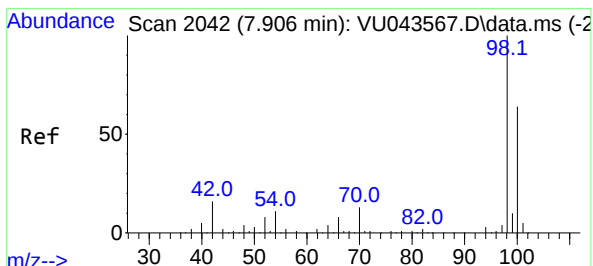
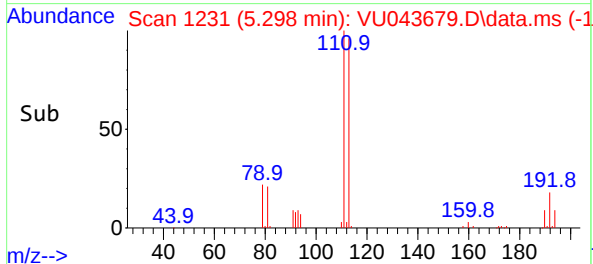
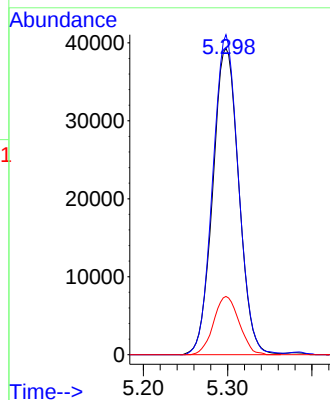
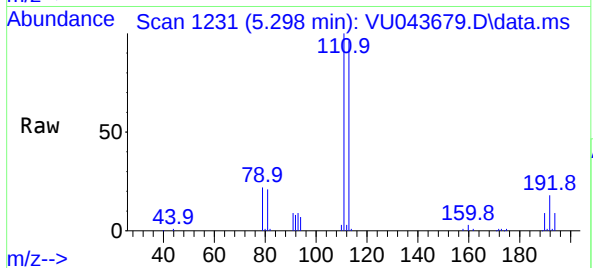
Delta R.T. -0.000 min

Lab File: VU043679.D

Acq: 12 May 2021 15:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 84302 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.0 | 82.3  | 123.5 |
| 192      | 18.6  | 15.8  | 23.6  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-2-20210505



#50

Toluene-d8

Concen: 48.81 ug/l

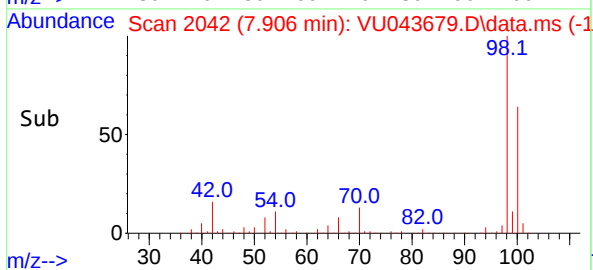
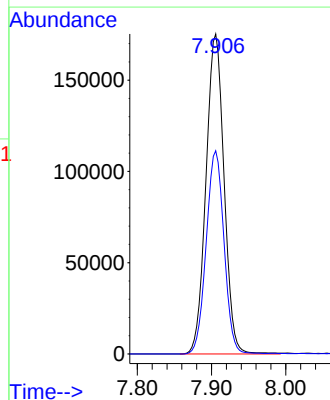
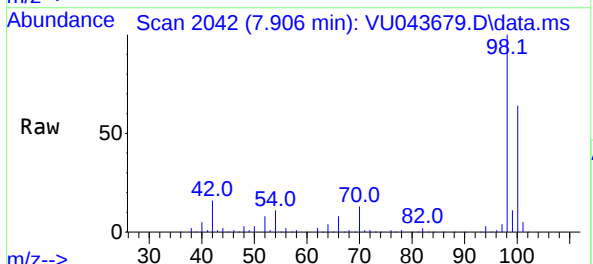
RT: 7.906 min Scan# 2042

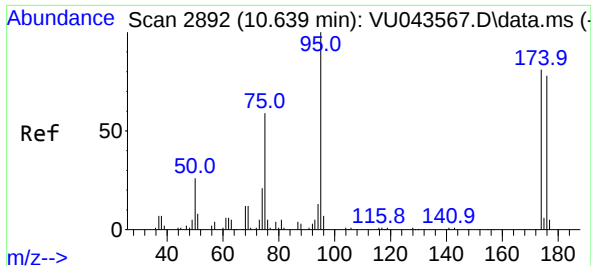
Delta R.T. -0.000 min

Lab File: VU043679.D

Acq: 12 May 2021 15:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 296157 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 62.5  | 50.5  | 75.7   |

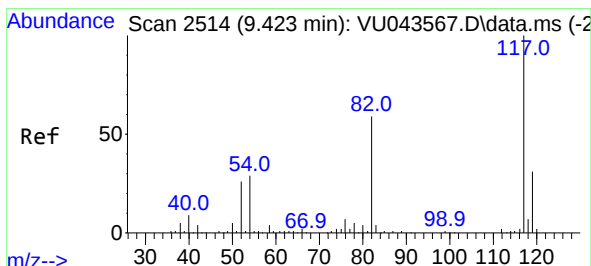
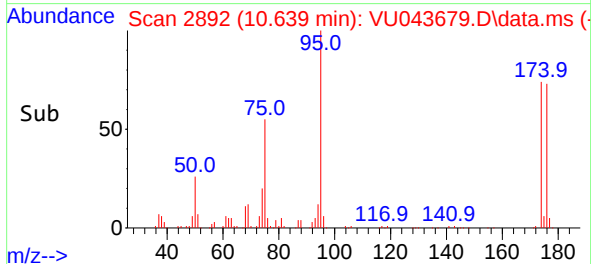
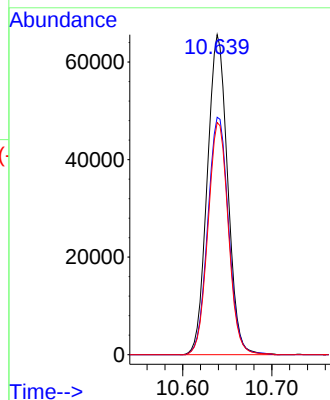
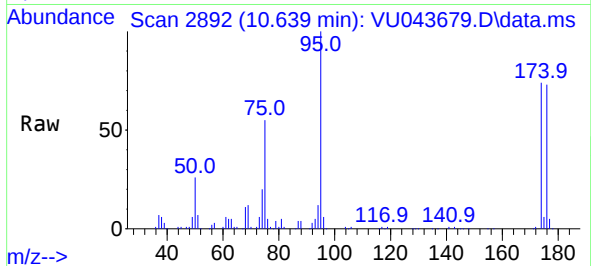




#62  
4-Bromofluorobenzene  
Concen: 43.97 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043679.D  
Acq: 12 May 2021 15:53

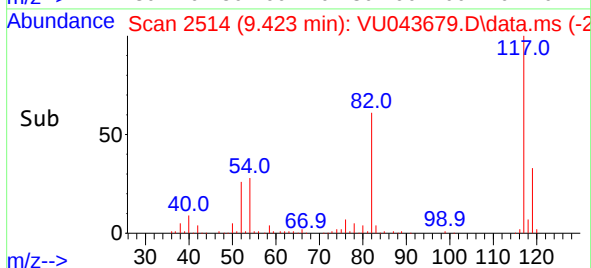
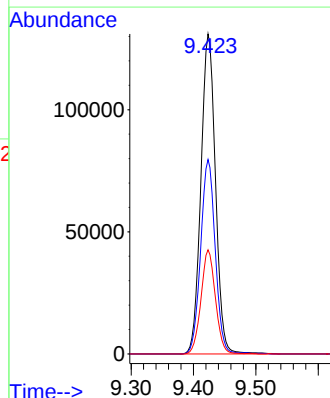
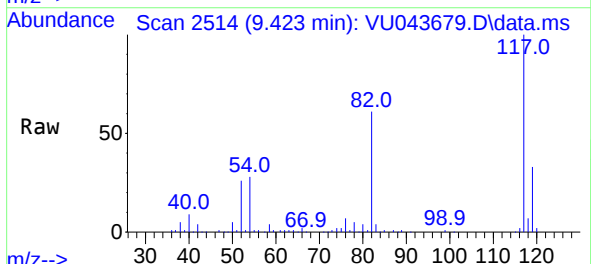
Instrument :  
MSVOA\_U  
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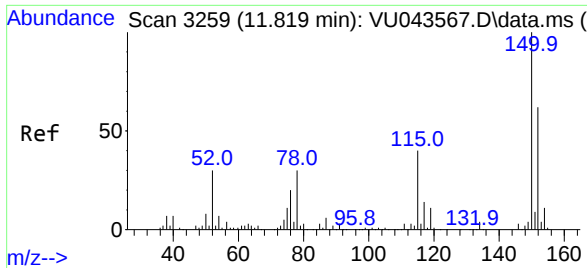
Tgt Ion: 95 Resp: 103969  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 158.8  
176 72.6 0.0 155.6



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043679.D  
Acq: 12 May 2021 15:53

Tgt Ion: 117 Resp: 213213  
Ion Ratio Lower Upper  
117 100  
82 60.7 47.5 71.3  
119 32.5 24.7 37.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 11.819 min Scan# 3259  
 Delta R.T. -0.000 min  
 Lab File: VU043679.D  
 Acq: 12 May 2021 15:53

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Tgt Ion:152 Resp: 94498  
 Ion Ratio Lower Upper  
 152 100  
 115 61.7 46.1 138.3  
 150 155.6 0.0 361.0

