

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041221\  
 Data File : VU043030.D  
 Acq On : 12 Apr 2021 17:56  
 Operator : SY/MD  
 Sample : M1967-13  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EB 2021-04-06 SED

Quant Time: Apr 13 05:15:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

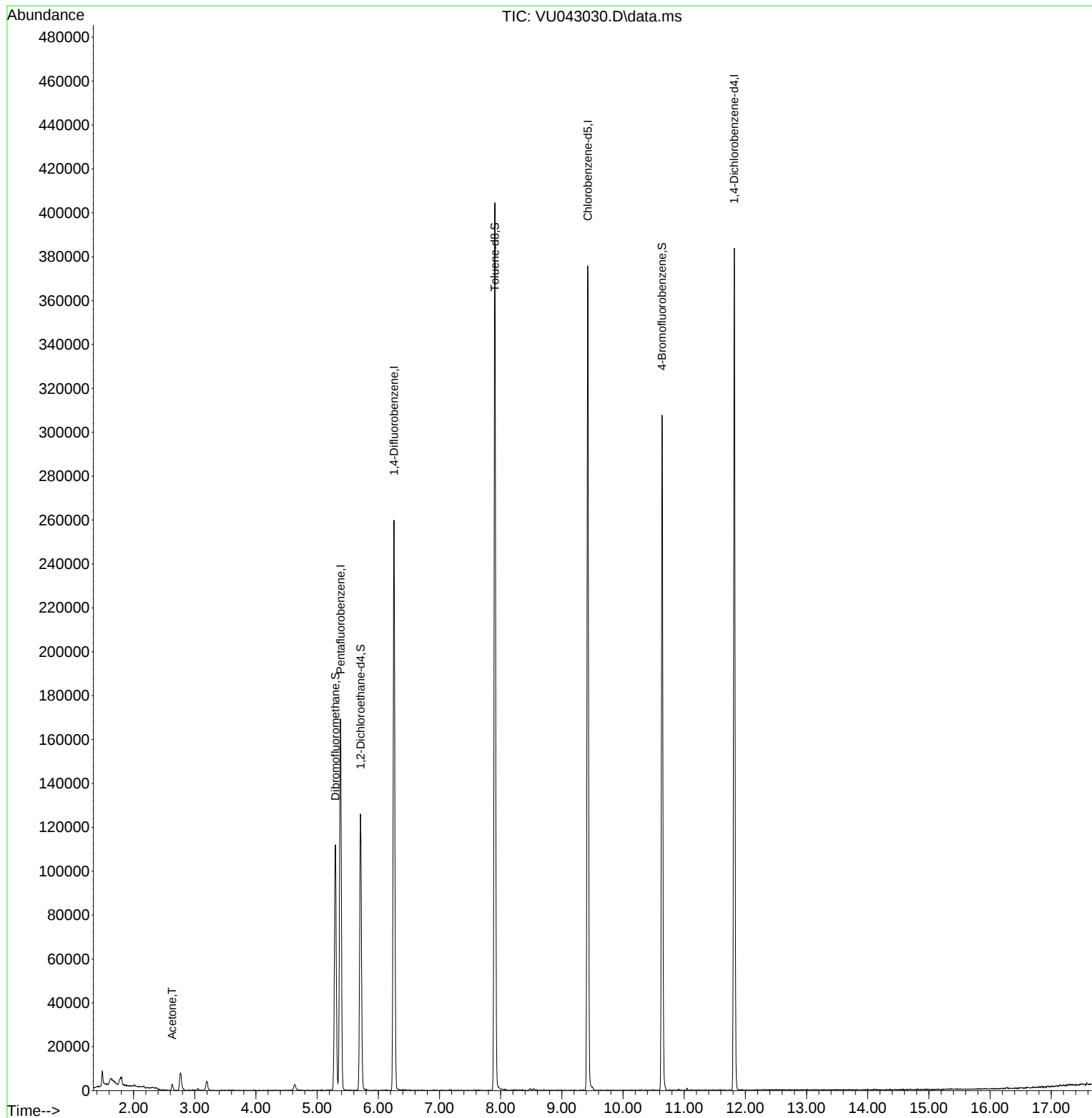
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|--------|-----------|
| -----                       |        |      |          |       |        |           |
| Internal Standards          |        |      |          |       |        |           |
| 1) Pentafluorobenzene       | 5.382  | 168  | 117103   | 50.00 | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 192585   | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 187618   | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 93966    | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |        |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 97758    | 49.66 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 99.32% |           |
| 35) Dibromofluoromethane    | 5.298  | 113  | 68742    | 47.50 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.00% |           |
| 50) Toluene-d8              | 7.906  | 98   | 247129   | 48.26 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 96.52% |           |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 90639    | 44.20 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 88.40% |           |
| Target Compounds            |        |      |          |       |        |           |
| 16) Acetone                 | 2.629  | 43   | 3400     | 2.63  | ug/l   | Qvalue 94 |
| -----                       |        |      |          |       |        |           |

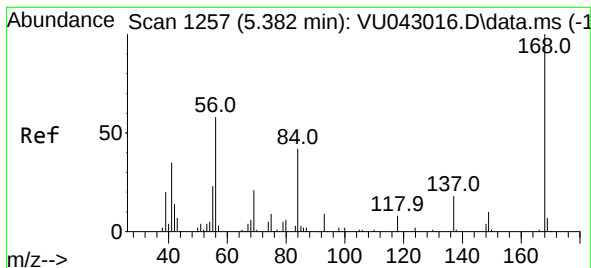
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
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EB 2021-04-06\_SED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 12 13:17:29 2021  
Response via : Initial Calibration

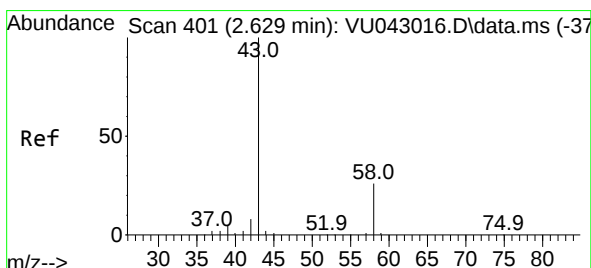
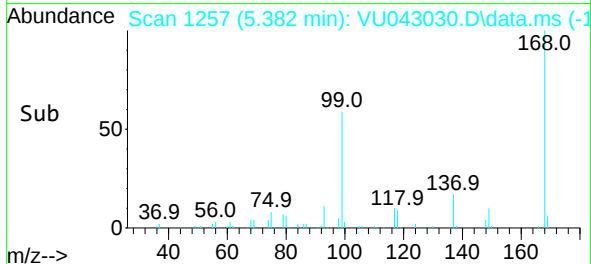
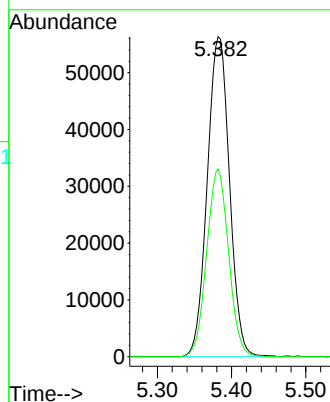
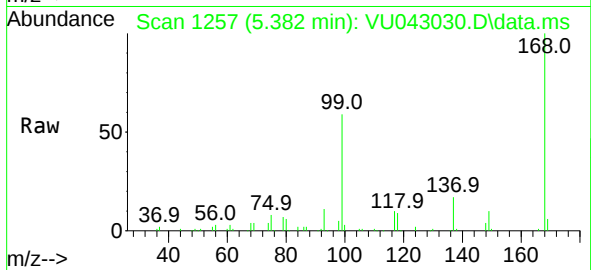




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043030.D  
Acq: 12 Apr 2021 17:56

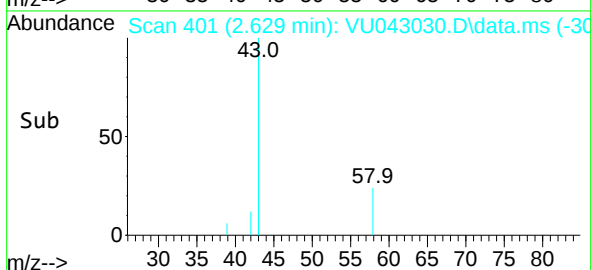
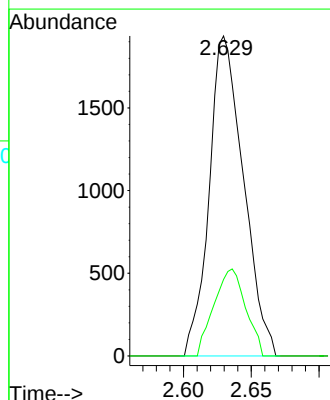
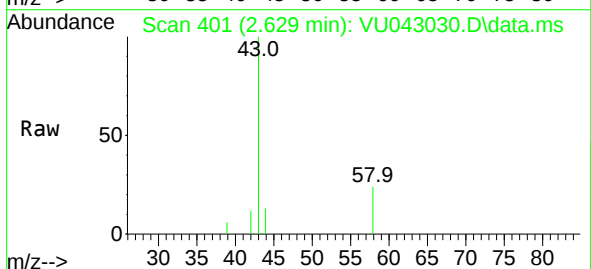
Instrument :  
MSVOA\_U  
ClientSampleId :  
EB 2021-04-06\_SED

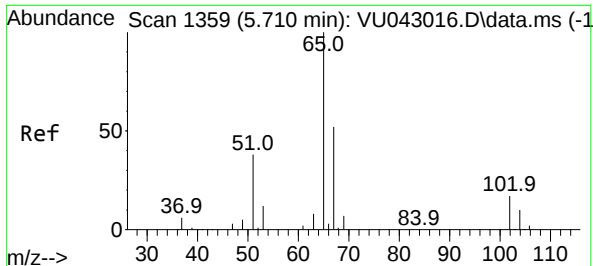
Tgt Ion:168 Resp: 117103  
Ion Ratio Lower Upper  
168 100  
99 58.7 45.0 67.4



#16  
Acetone  
Concen: 2.63 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: VU043030.D  
Acq: 12 Apr 2021 17:56

Tgt Ion: 43 Resp: 3400  
Ion Ratio Lower Upper  
43 100  
58 23.9 21.5 32.3





#33

1,2-Dichloroethane-d4

Concen: 49.66 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043030.D

Acq: 12 Apr 2021 17:56

Tgt Ion: 65 Resp: 97758

Ion Ratio Lower Upper

65 100

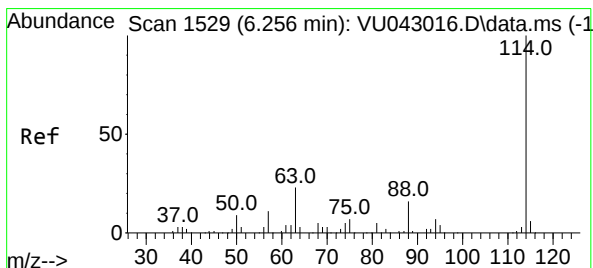
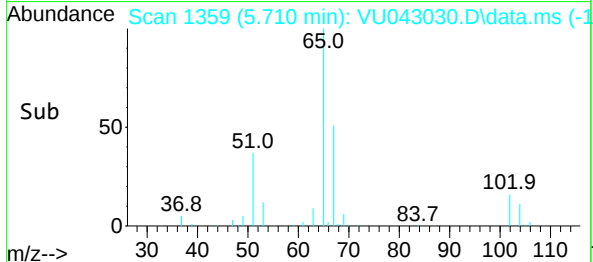
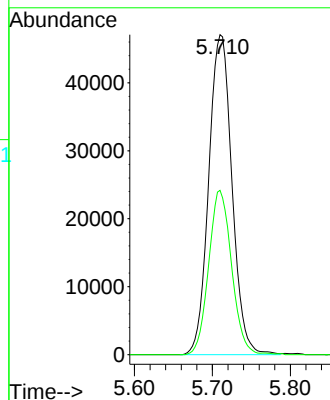
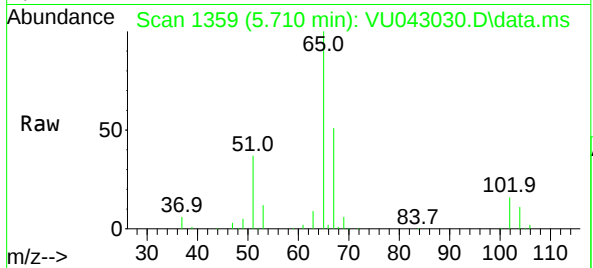
67 50.4 0.0 99.8

Instrument :

MSVOA\_U

ClientSampleId :

EB 2021-04-06 SED



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043030.D

Acq: 12 Apr 2021 17:56

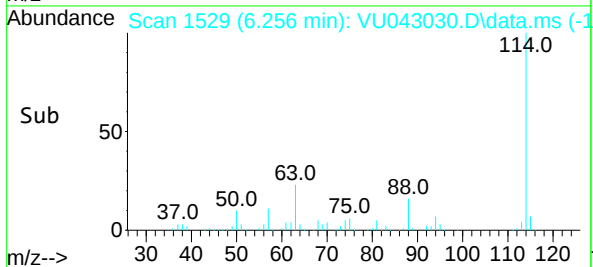
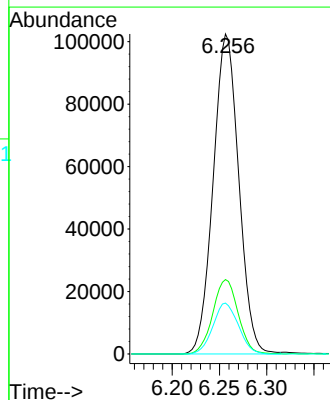
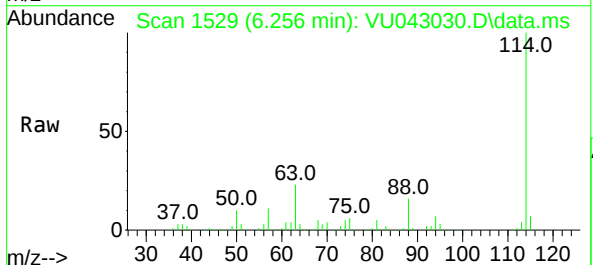
Tgt Ion: 114 Resp: 192585

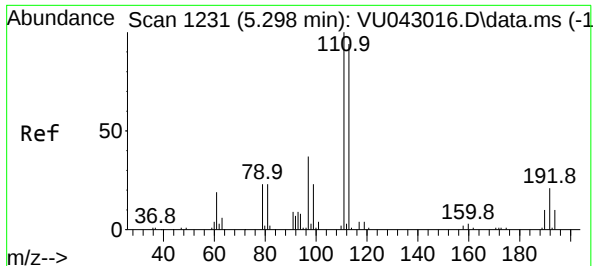
Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.2

88 15.9 0.0 33.4

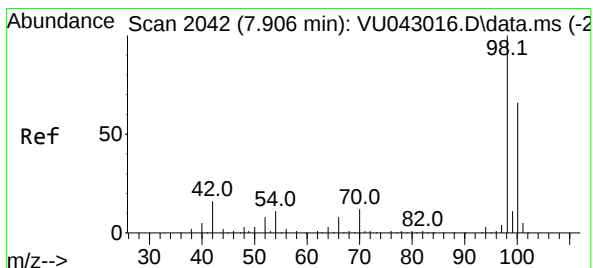
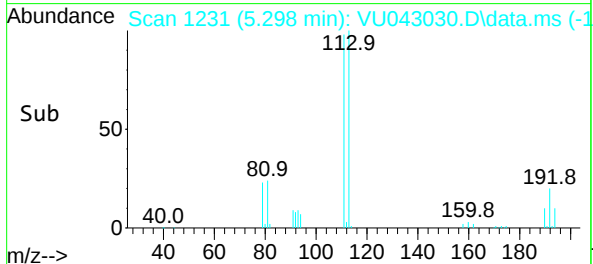
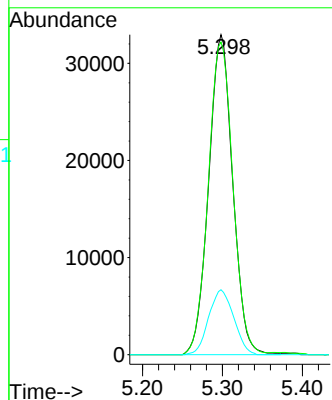
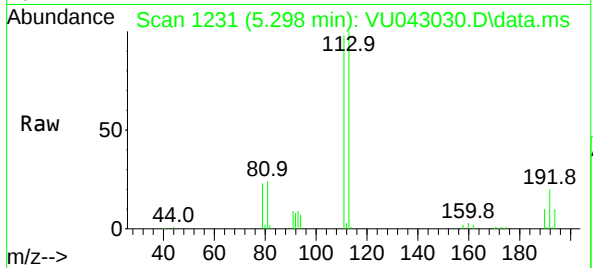




#35  
Dibromofluoromethane  
Concen: 47.50 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043030.D  
Acq: 12 Apr 2021 17:56

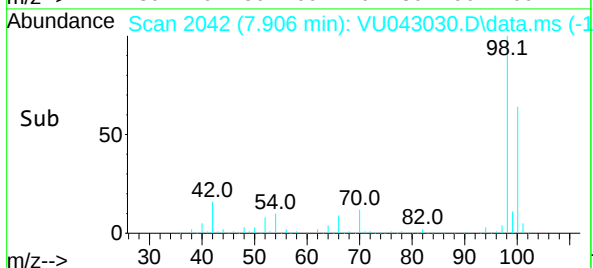
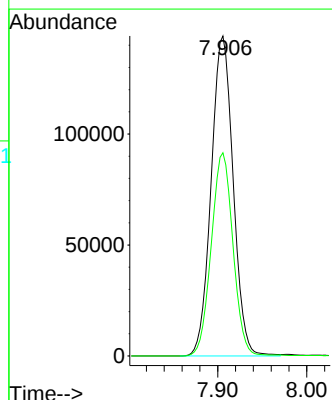
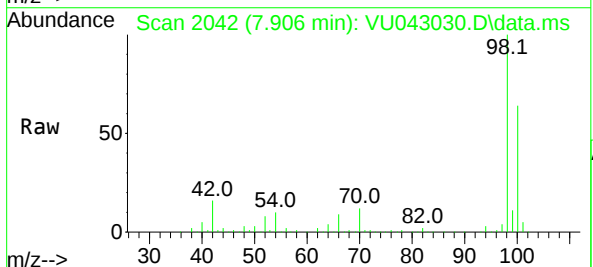
Instrument :  
MSVOA\_U  
ClientSampleId :  
EB\_2021-04-06\_SED

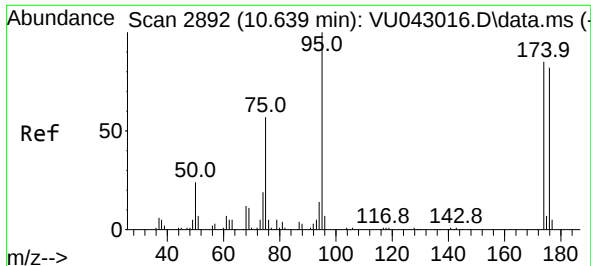
Tgt Ion:113 Resp: 68742  
Ion Ratio Lower Upper  
113 100  
111 100.1 81.8 122.8  
192 21.2 17.2 25.8



#50  
Toluene-d8  
Concen: 48.26 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU043030.D  
Acq: 12 Apr 2021 17:56

Tgt Ion: 98 Resp: 247129  
Ion Ratio Lower Upper  
98 100  
100 62.5 50.2 75.2

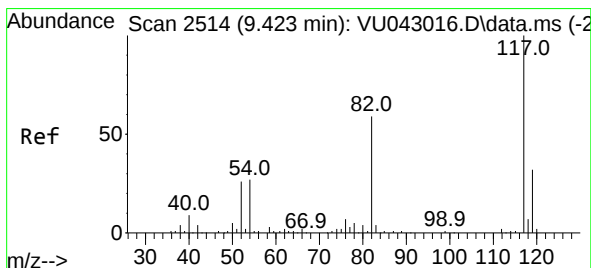
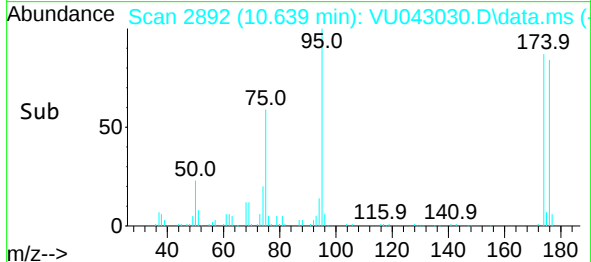
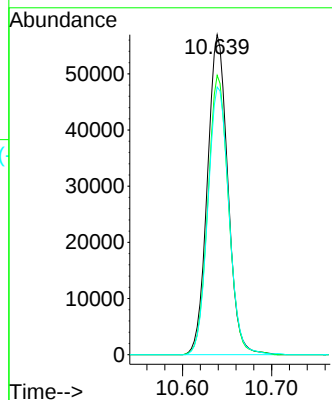
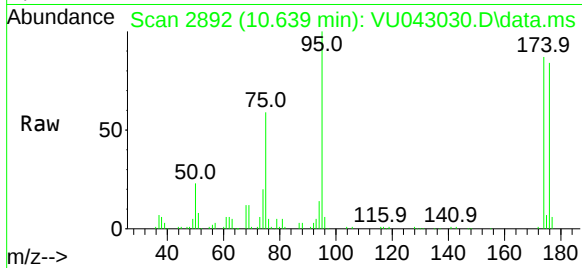




#62  
4-Bromofluorobenzene  
Concen: 44.20 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043030.D  
Acq: 12 Apr 2021 17:56

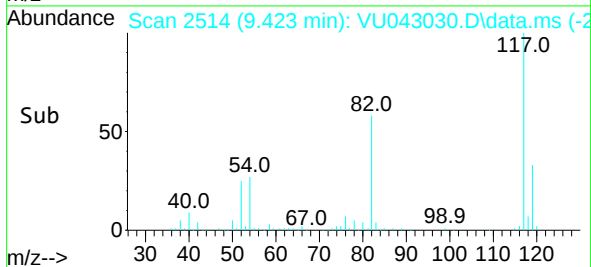
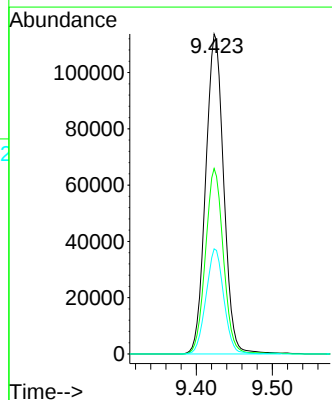
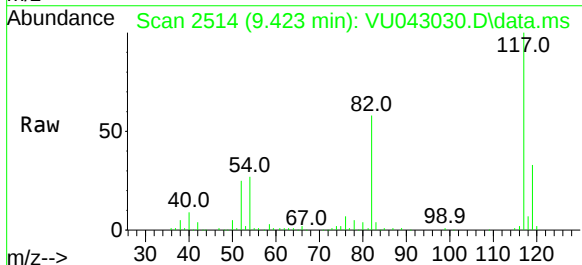
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MSVOA\_U  
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EB 2021-04-06\_SED

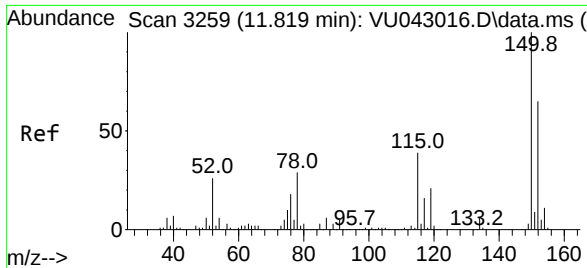
Tgt Ion: 95 Resp: 90639  
Ion Ratio Lower Upper  
95 100  
174 87.9 0.0 172.2  
176 86.2 0.0 168.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043030.D  
Acq: 12 Apr 2021 17:56

Tgt Ion: 117 Resp: 187618  
Ion Ratio Lower Upper  
117 100  
82 58.0 45.8 68.6  
119 32.9 25.8 38.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 11.819 min Scan# 3259  
 Delta R.T. -0.000 min  
 Lab File: VU043030.D  
 Acq: 12 Apr 2021 17:56

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EB\_2021-04-06\_SED

Tgt Ion:152 Resp: 93966  
 Ion Ratio Lower Upper  
 152 100  
 115 58.2 41.5 124.6  
 150 156.4 0.0 342.4

