

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU022021\  
 Data File : VU042365.D  
 Acq On : 19 Feb 2021 16:41  
 Operator : SY/MD  
 Sample : M1438-01 50X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TRE-1157

Quant Time: Feb 20 00:29:25 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 19 02:55:52 2021  
 Response via : Initial Calibration

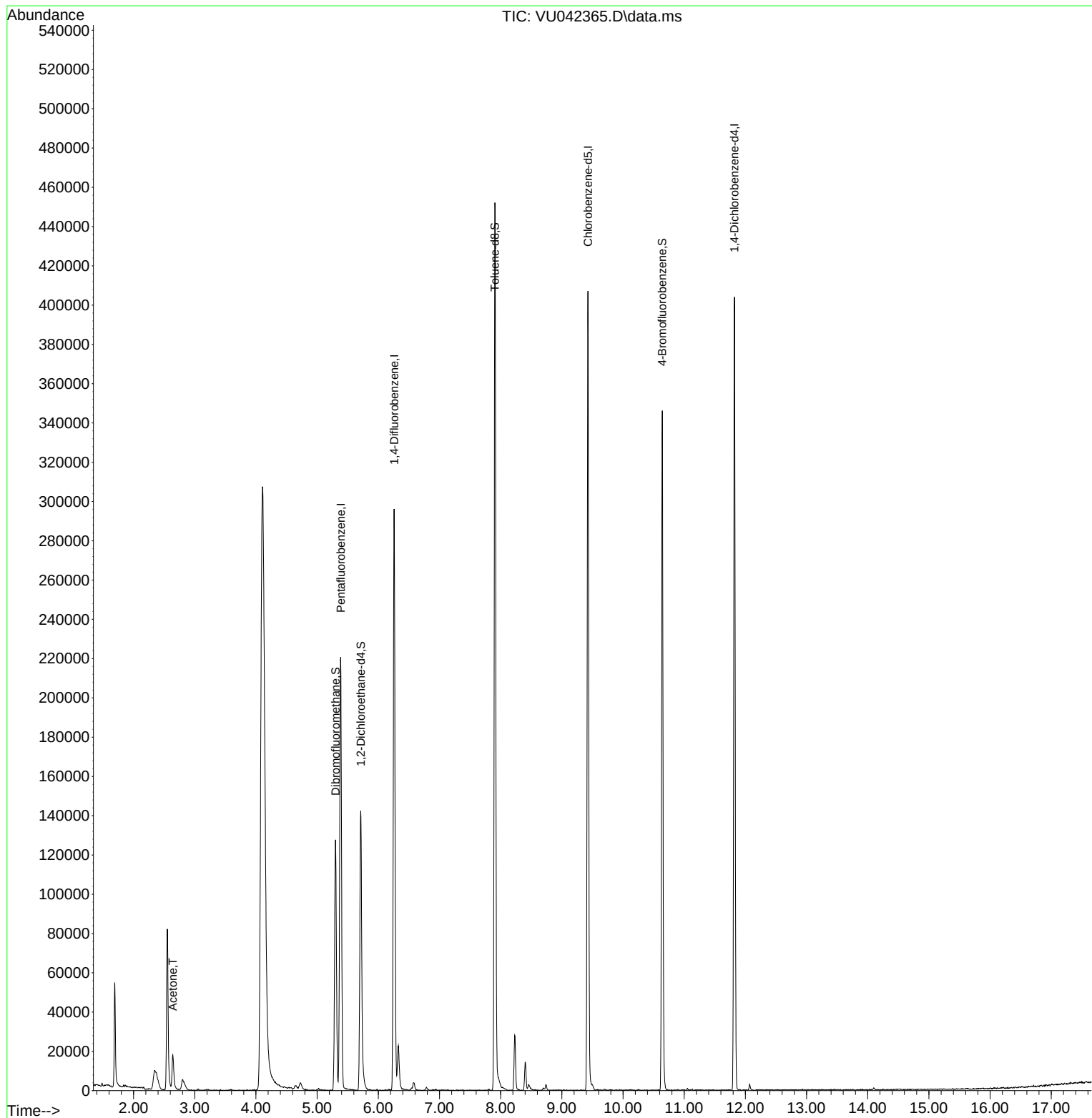
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|--------|-----------|
| -----                       |        |      |          |       |        |           |
| Internal Standards          |        |      |          |       |        |           |
| 1) Pentafluorobenzene       | 5.385  | 168  | 155983   | 50.00 | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.259  | 114  | 230673   | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 9.426  | 117  | 213796   | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.822 | 152  | 102755   | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |        |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 5.713  | 65   | 113447   | 47.96 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.92% |           |
| 35) Dibromofluoromethane    | 5.301  | 113  | 78898    | 48.46 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 96.92% |           |
| 50) Toluene-d8              | 7.906  | 98   | 289092   | 49.58 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 99.16% |           |
| 62) 4-Bromofluorobenzene    | 10.642 | 95   | 104169   | 45.32 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 90.64% |           |
| Target Compounds            |        |      |          |       |        |           |
| 16) Acetone                 | 2.642  | 43   | 23382    | 15.94 | ug/l   | Qvalue 98 |
| -----                       |        |      |          |       |        |           |

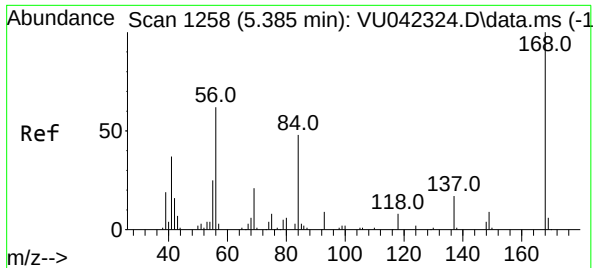
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

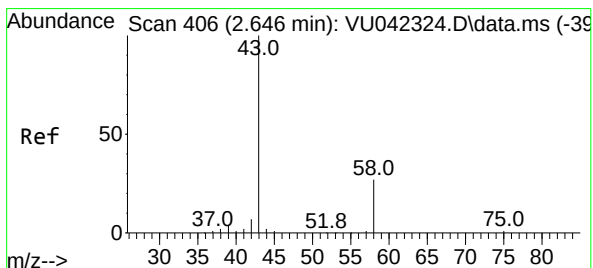
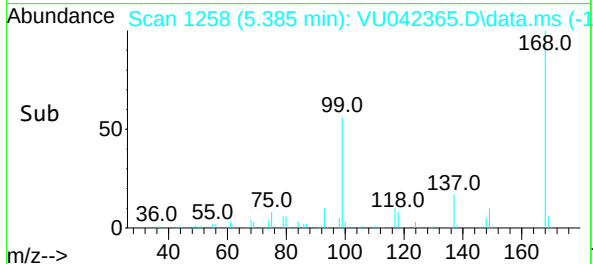
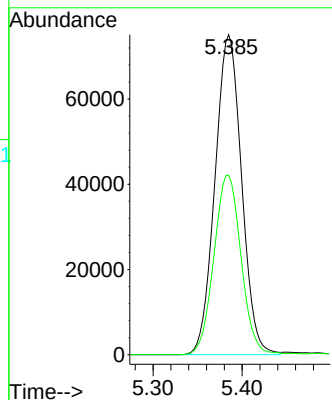
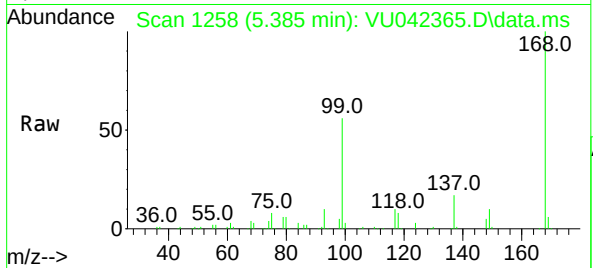




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VU042365.D  
Acq: 19 Feb 2021 16:41

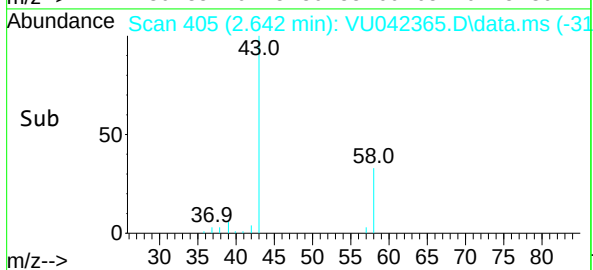
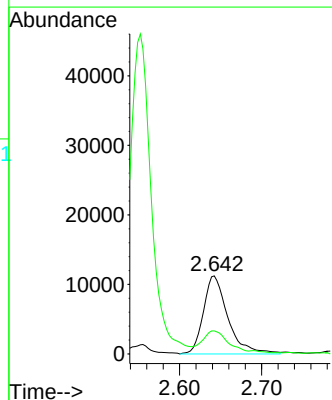
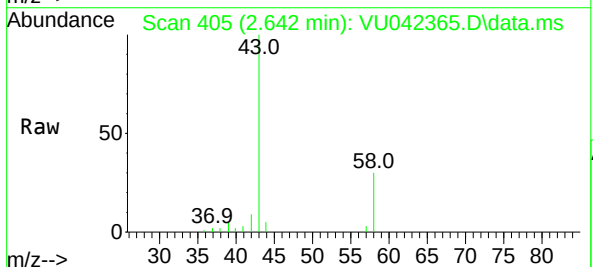
Instrument :  
MSVOA\_U  
ClientSampleId :  
TRE-1157

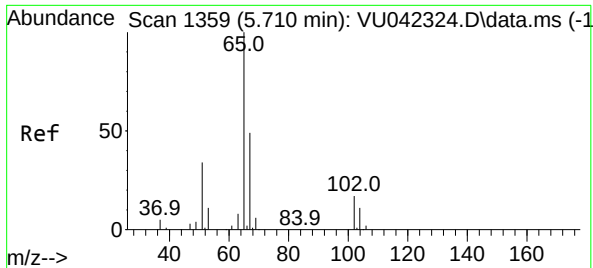
Tgt Ion:168 Resp: 155983  
Ion Ratio Lower Upper  
168 100  
99 56.1 45.0 67.4



#16  
Acetone  
Concen: 15.94 ug/l  
RT: 2.642 min Scan# 405  
Delta R.T. -0.003 min  
Lab File: VU042365.D  
Acq: 19 Feb 2021 16:41

Tgt Ion: 43 Resp: 23382  
Ion Ratio Lower Upper  
43 100  
58 27.9 21.5 32.3

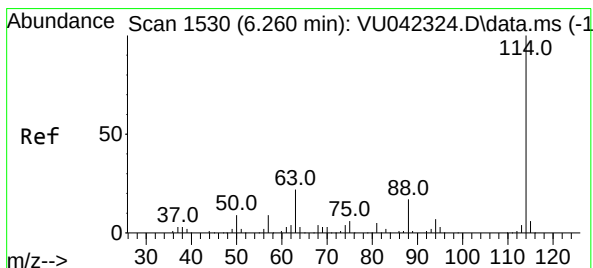
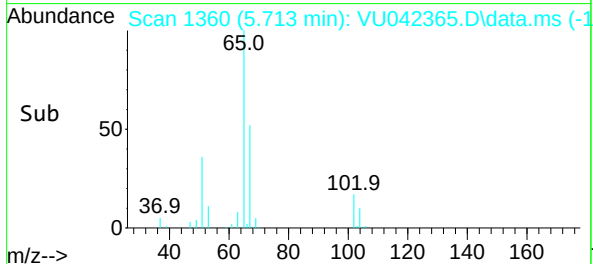
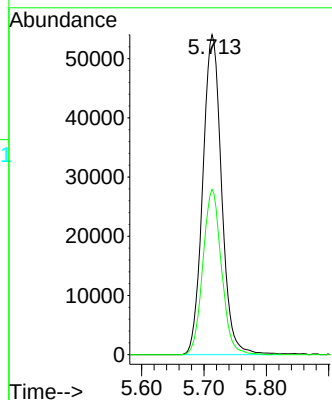
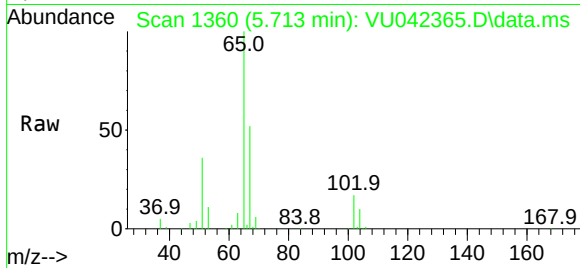




#33  
1,2-Dichloroethane-d4  
Concen: 47.96 ug/l  
RT: 5.713 min Scan# 1360  
Delta R.T. 0.003 min  
Lab File: VU042365.D  
Acq: 19 Feb 2021 16:41

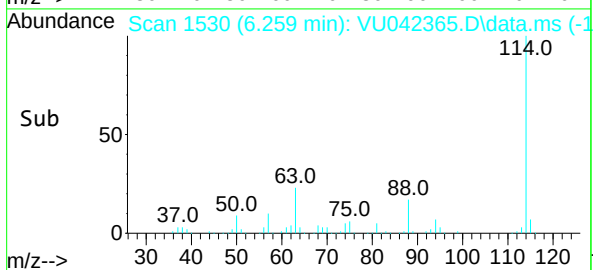
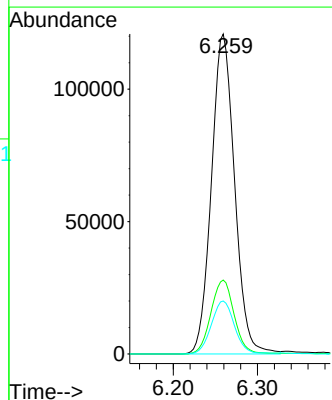
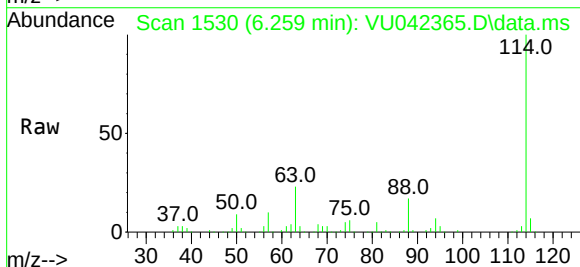
Instrument :  
MSVOA\_U  
ClientSampleId :  
TRE-1157

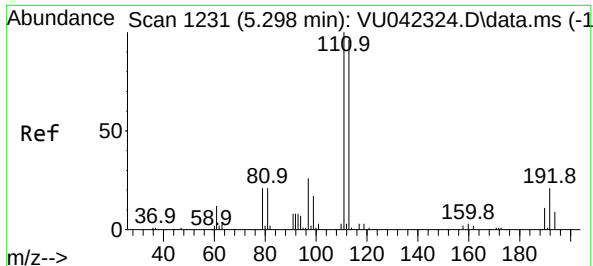
Tgt Ion: 65 Resp: 113447  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 99.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.259 min Scan# 1530  
Delta R.T. -0.000 min  
Lab File: VU042365.D  
Acq: 19 Feb 2021 16:41

Tgt Ion:114 Resp: 230673  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 44.2  
88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.46 ug/l

RT: 5.301 min Scan# 1232

Delta R.T. 0.003 min

Lab File: VU042365.D

Acq: 19 Feb 2021 16:41

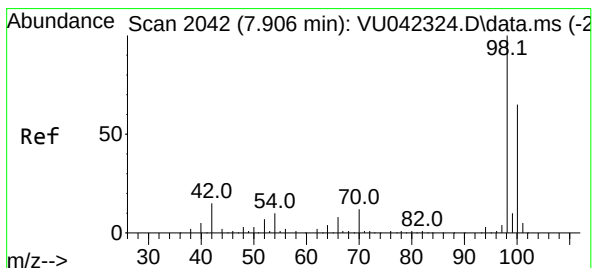
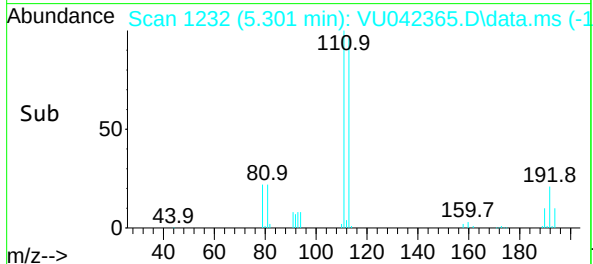
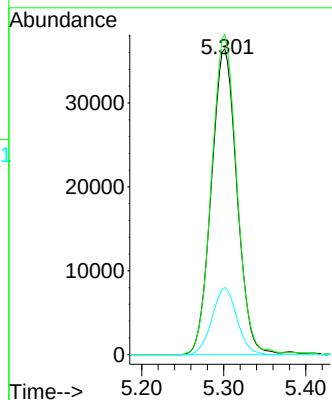
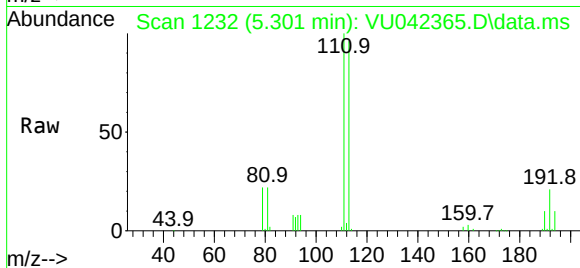
Tgt Ion:113 Resp: 78898

Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

192 21.4 17.2 25.8



#50

Toluene-d8

Concen: 49.58 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU042365.D

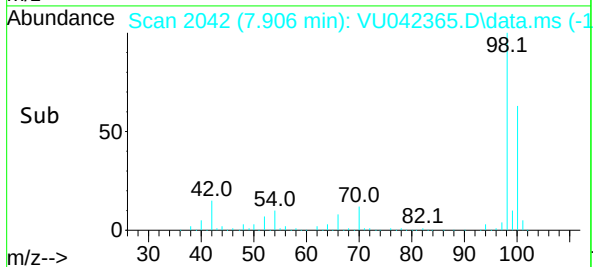
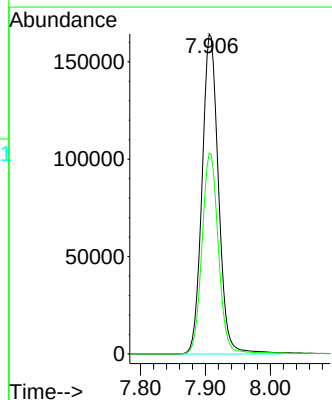
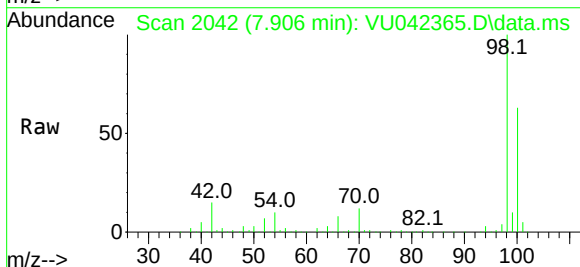
Acq: 19 Feb 2021 16:41

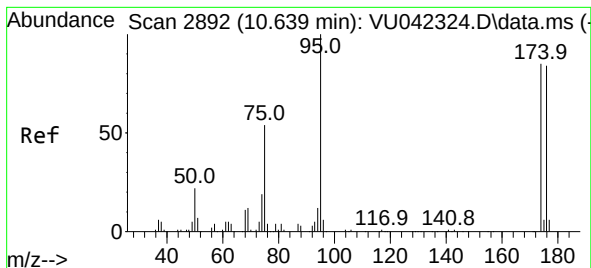
Tgt Ion: 98 Resp: 289092

Ion Ratio Lower Upper

98 100

100 62.6 50.2 75.2

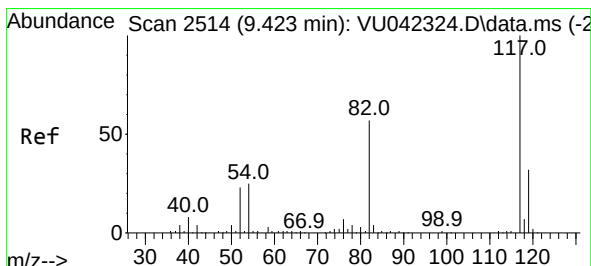
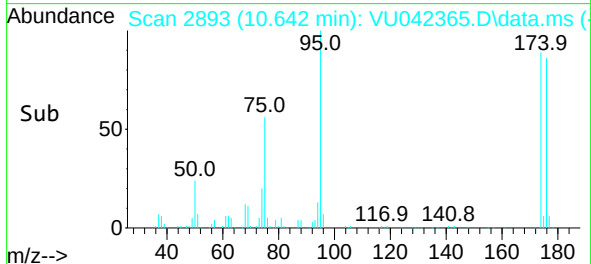
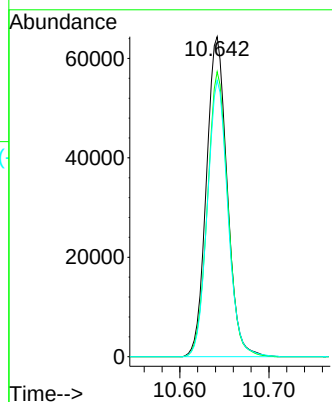
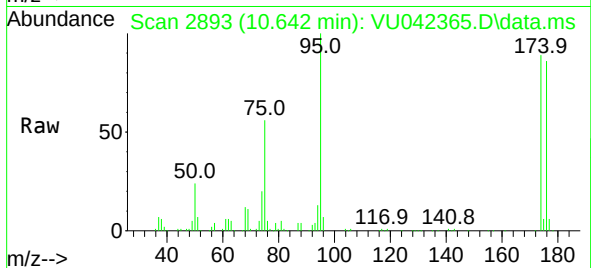




#62  
4-Bromofluorobenzene  
Concen: 45.32 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.003 min  
Lab File: VU042365.D  
Acq: 19 Feb 2021 16:41

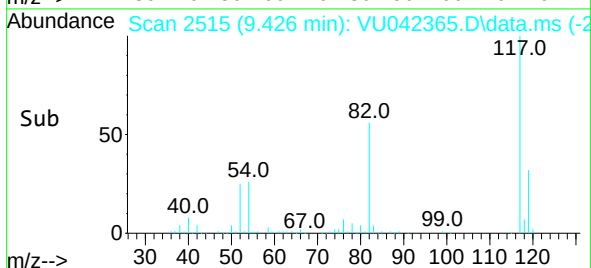
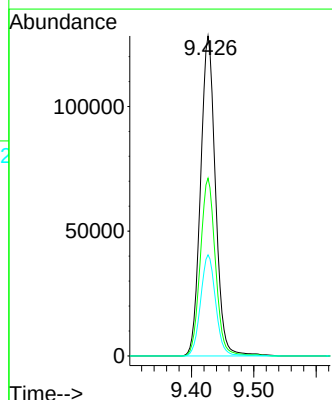
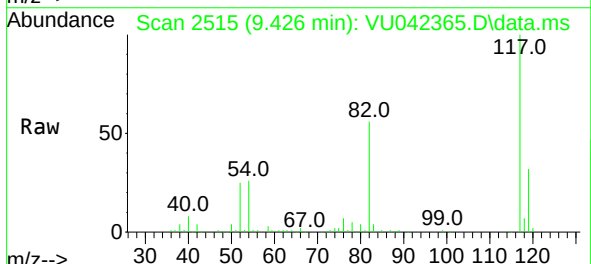
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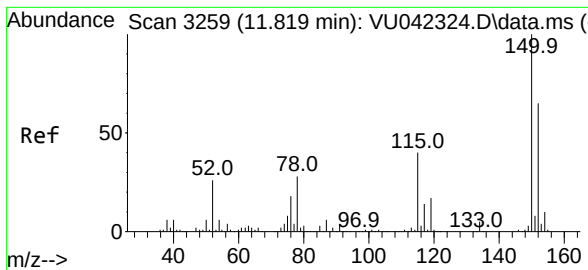
Tgt Ion: 95 Resp: 104169  
Ion Ratio Lower Upper  
95 100  
174 87.7 0.0 172.2  
176 85.3 0.0 168.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.426 min Scan# 2515  
Delta R.T. 0.003 min  
Lab File: VU042365.D  
Acq: 19 Feb 2021 16:41

Tgt Ion: 117 Resp: 213796  
Ion Ratio Lower Upper  
117 100  
82 55.6 45.8 68.6  
119 31.6 25.8 38.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 11.822 min Scan# 3260  
 Delta R.T. 0.003 min  
 Lab File: VU042365.D  
 Acq: 19 Feb 2021 16:41

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TRE-1157

Tgt Ion:152 Resp: 102755  
 Ion Ratio Lower Upper  
 152 100  
 115 59.0 41.5 124.6  
 150 158.7 0.0 342.4

