

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU093021\  
 Data File : VU045041.D  
 Acq On : 30 Sep 2021 12:55  
 Operator : SY/MD  
 Sample : M3956-02  
 Misc : 8.79g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 LITTLE-FALLS-TROPHY-SINK-HOL

Quant Time: Sep 30 16:07:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.369  | 168  | 208740   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.247  | 114  | 380808   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.427  | 117  | 367696   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.819 | 152  | 170817   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.700  | 65    | 170805   | 49.156   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 98.320%  |
| 35) Dibromofluoromethane    | 5.292  | 113   | 115783   | 48.197   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.400%  |
| 50) Toluene-d8              | 7.899  | 98    | 483980   | 50.990   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 101.980% |
| 62) 4-Bromofluorobenzene    | 10.642 | 95    | 187479   | 47.842   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.680%  |

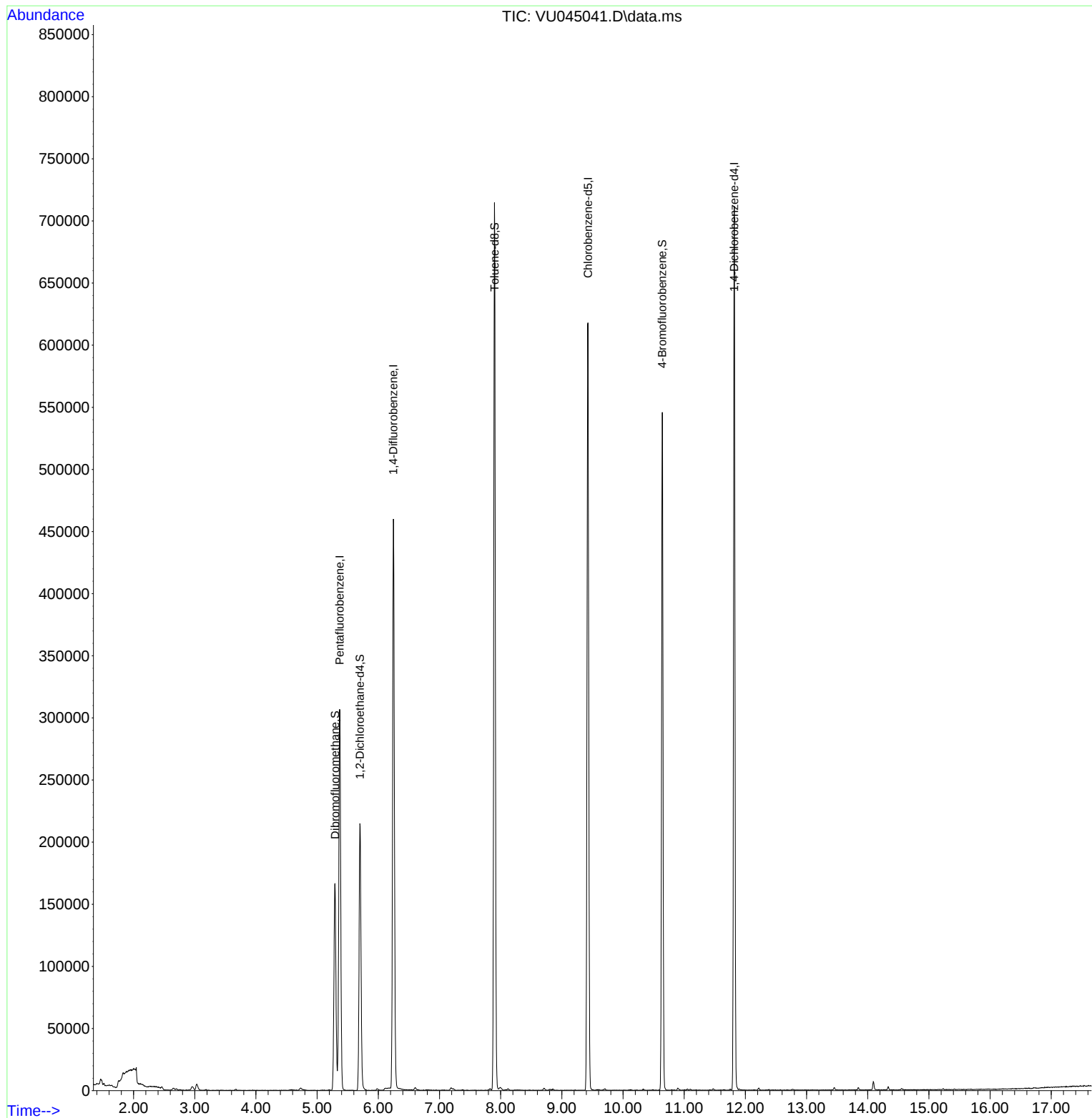
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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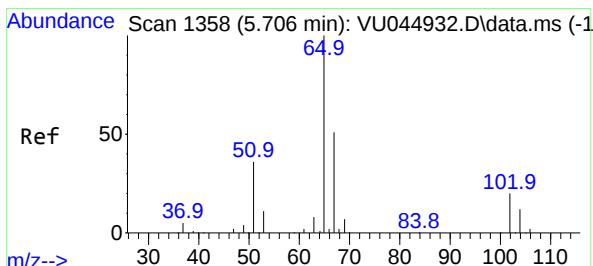
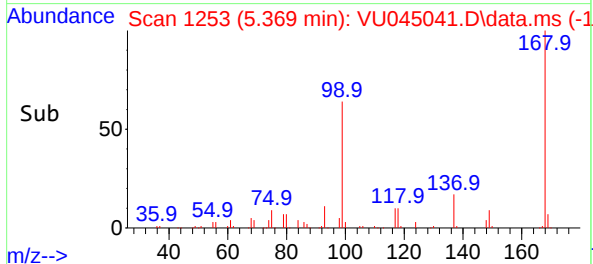
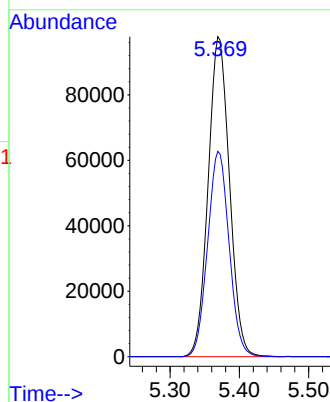
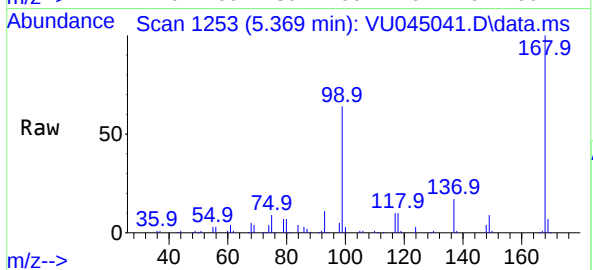




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.369 min Scan# 1253  
Delta R.T. -0.006 min  
Lab File: VU045041.D  
Acq: 30 Sep 2021 12:55

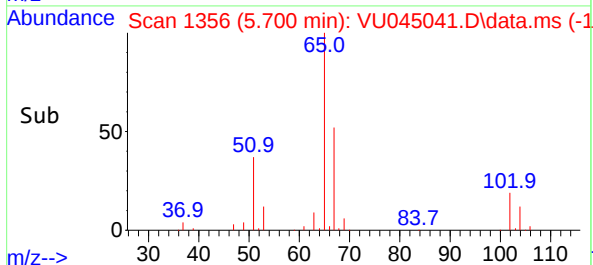
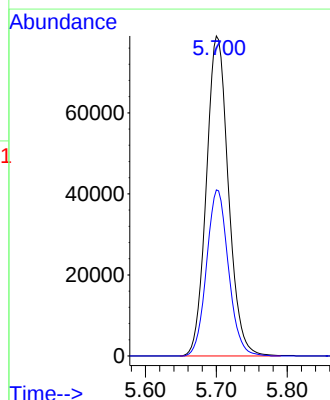
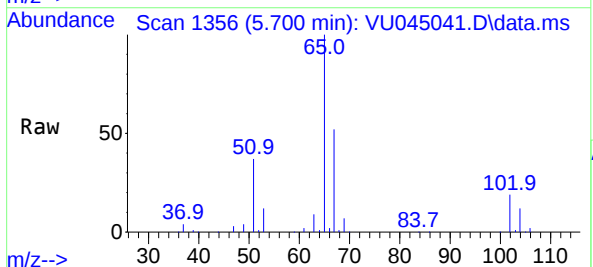
Instrument :  
MSVOA\_U  
ClientSampleId :  
LITTLE-FALLS-TROPHY-SINK-HOL

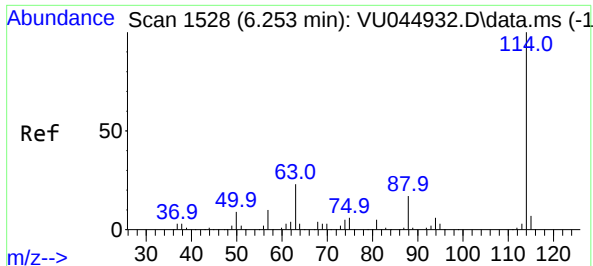
Tgt Ion:168 Resp: 208740  
Ion Ratio Lower Upper  
168 100  
99 64.1 51.4 77.0



#33  
1,2-Dichloroethane-d4  
Concen: 49.156 ug/l  
RT: 5.700 min Scan# 1356  
Delta R.T. -0.006 min  
Lab File: VU045041.D  
Acq: 30 Sep 2021 12:55

Tgt Ion: 65 Resp: 170805  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 104.8



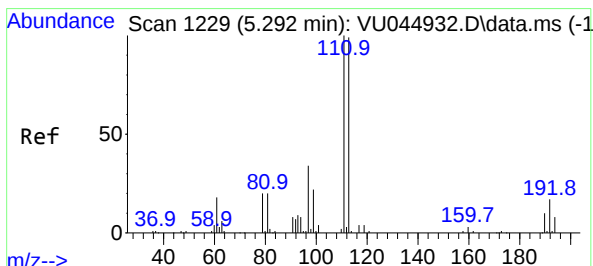
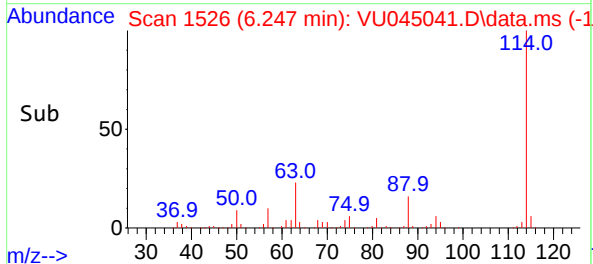
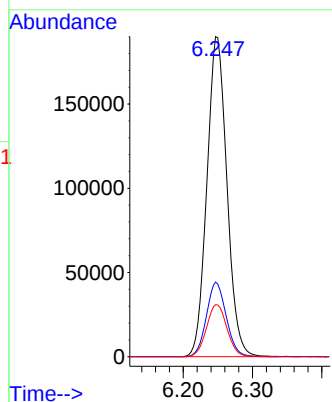
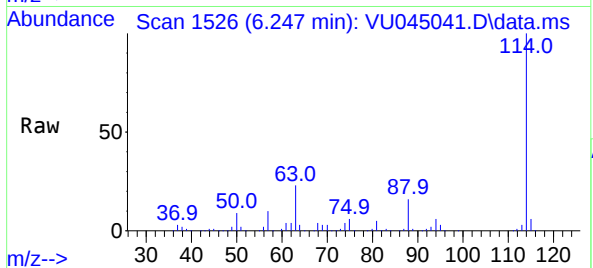


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.247 min Scan# 1526  
Delta R.T. -0.006 min  
Lab File: VU045041.D  
Acq: 30 Sep 2021 12:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
LITTLE-FALLS-TROPHY-SINK-HOL

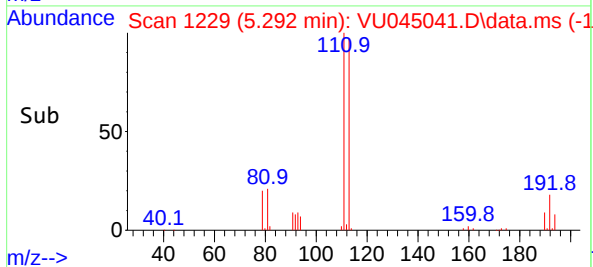
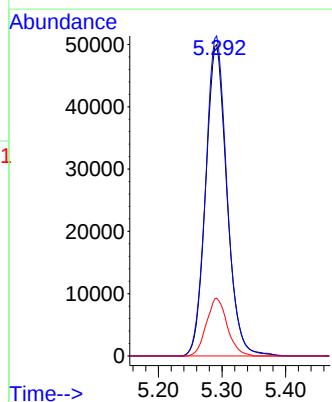
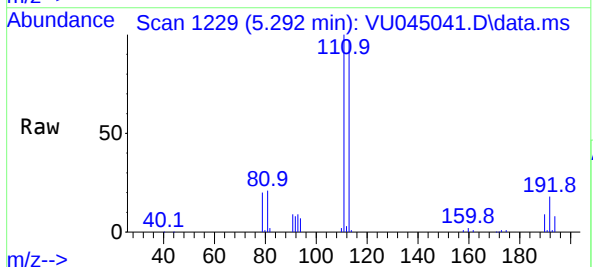
Tgt Ion:114 Resp: 380808  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 47.8  
88 16.2 0.0 32.8

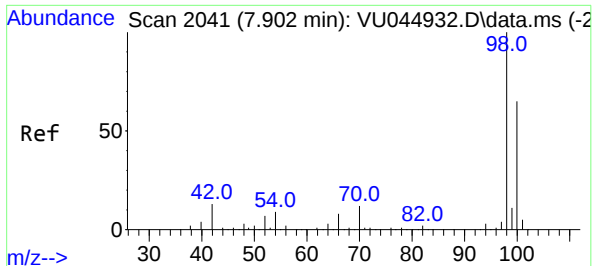


#35

Dibromofluoromethane  
Concen: 48.197 ug/l  
RT: 5.292 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VU045041.D  
Acq: 30 Sep 2021 12:55

Tgt Ion:113 Resp: 115783  
Ion Ratio Lower Upper  
113 100  
111 102.9 84.1 126.1  
192 18.3 14.8 22.2

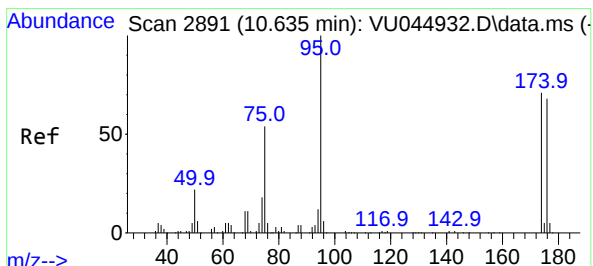
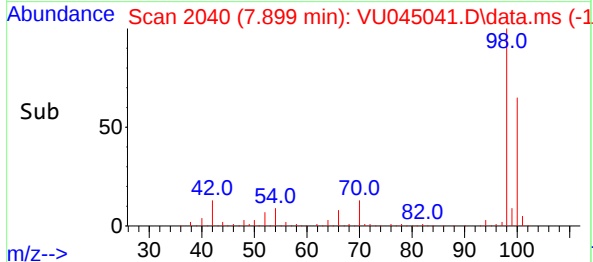
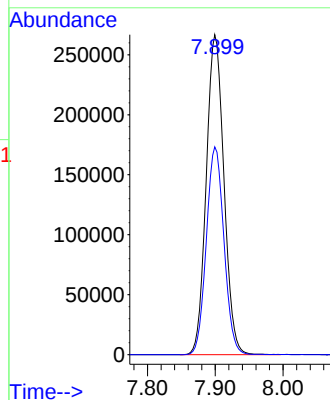
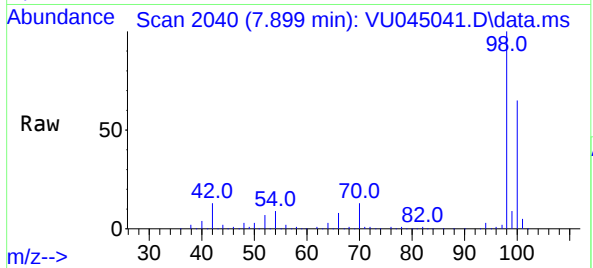




#50  
Toluene-d8  
Concen: 50.990 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. -0.003 min  
Lab File: VU045041.D  
Acq: 30 Sep 2021 12:55

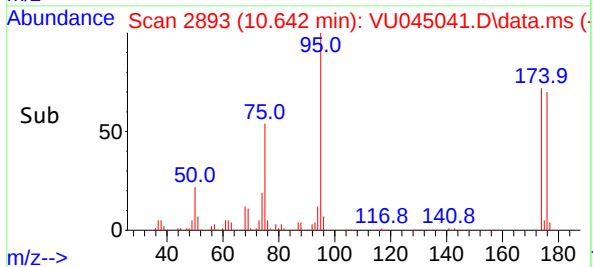
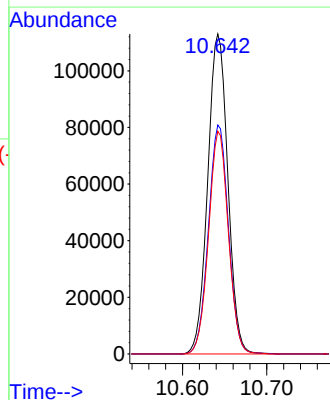
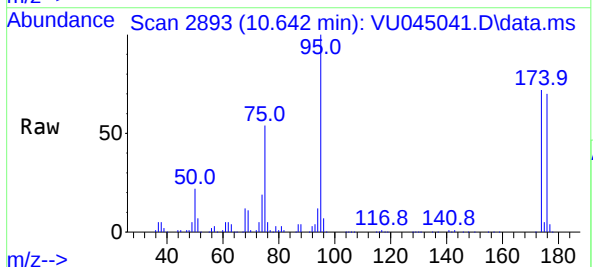
Instrument :  
MSVOA\_U  
ClientSampleId :  
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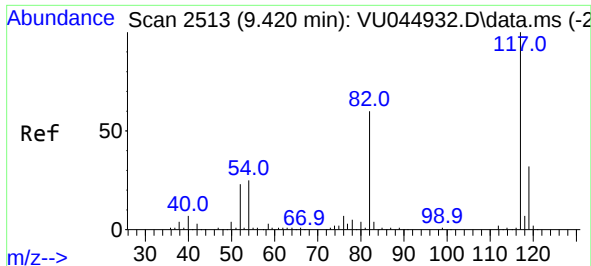
Tgt Ion: 98 Resp: 483980  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 47.842 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.007 min  
Lab File: VU045041.D  
Acq: 30 Sep 2021 12:55

Tgt Ion: 95 Resp: 187479  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 146.6  
176 68.4 0.0 141.2

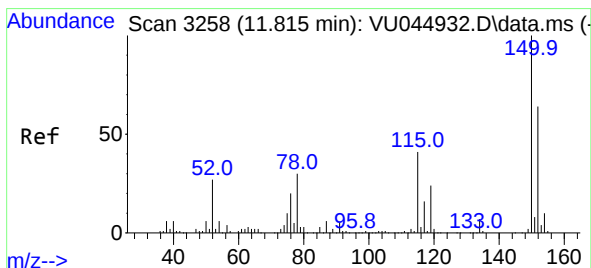
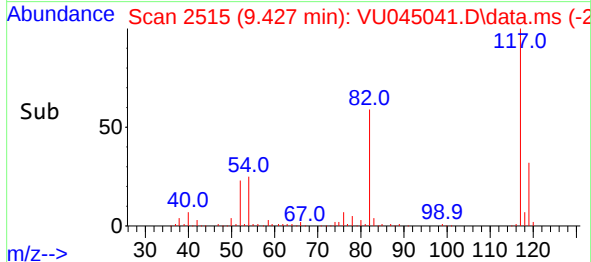
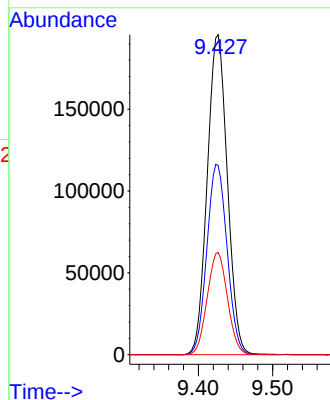
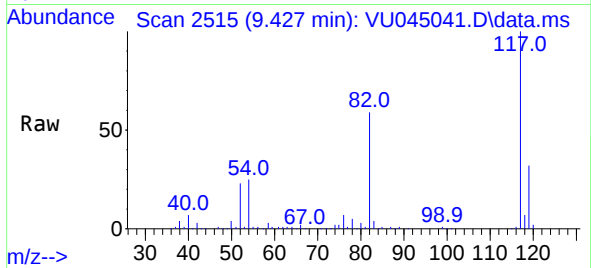




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.427 min Scan# 2515  
Delta R.T. 0.007 min  
Lab File: VU045041.D  
Acq: 30 Sep 2021 12:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
LITTLE-FALLS-TROPHY-SINK-HOL

Tgt Ion:117 Resp: 367696  
Ion Ratio Lower Upper  
117 100  
82 59.1 47.8 71.8  
119 32.0 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.004 min  
Lab File: VU045041.D  
Acq: 30 Sep 2021 12:55

Tgt Ion:152 Resp: 170817  
Ion Ratio Lower Upper  
152 100  
115 61.6 43.5 130.7  
150 157.9 0.0 350.0

