

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040621\  
 Data File : VU042961.D  
 Acq On : 06 Apr 2021 17:43  
 Operator : SY/MD  
 Sample : M1949-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PE-1

Quant Time: Apr 07 01:45:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 25 05:42:00 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) Pentafluorobenzene       | 5.385  | 168  | 119478   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 189630   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 184414   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.822 | 152  | 89893    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 96288    | 50.55 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 101.10% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 66346    | 46.88 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 93.76%  |          |
| 50) Toluene-d8              | 7.906  | 98   | 243249   | 48.86 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.72%  |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 89165    | 46.08 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 92.16%  |          |

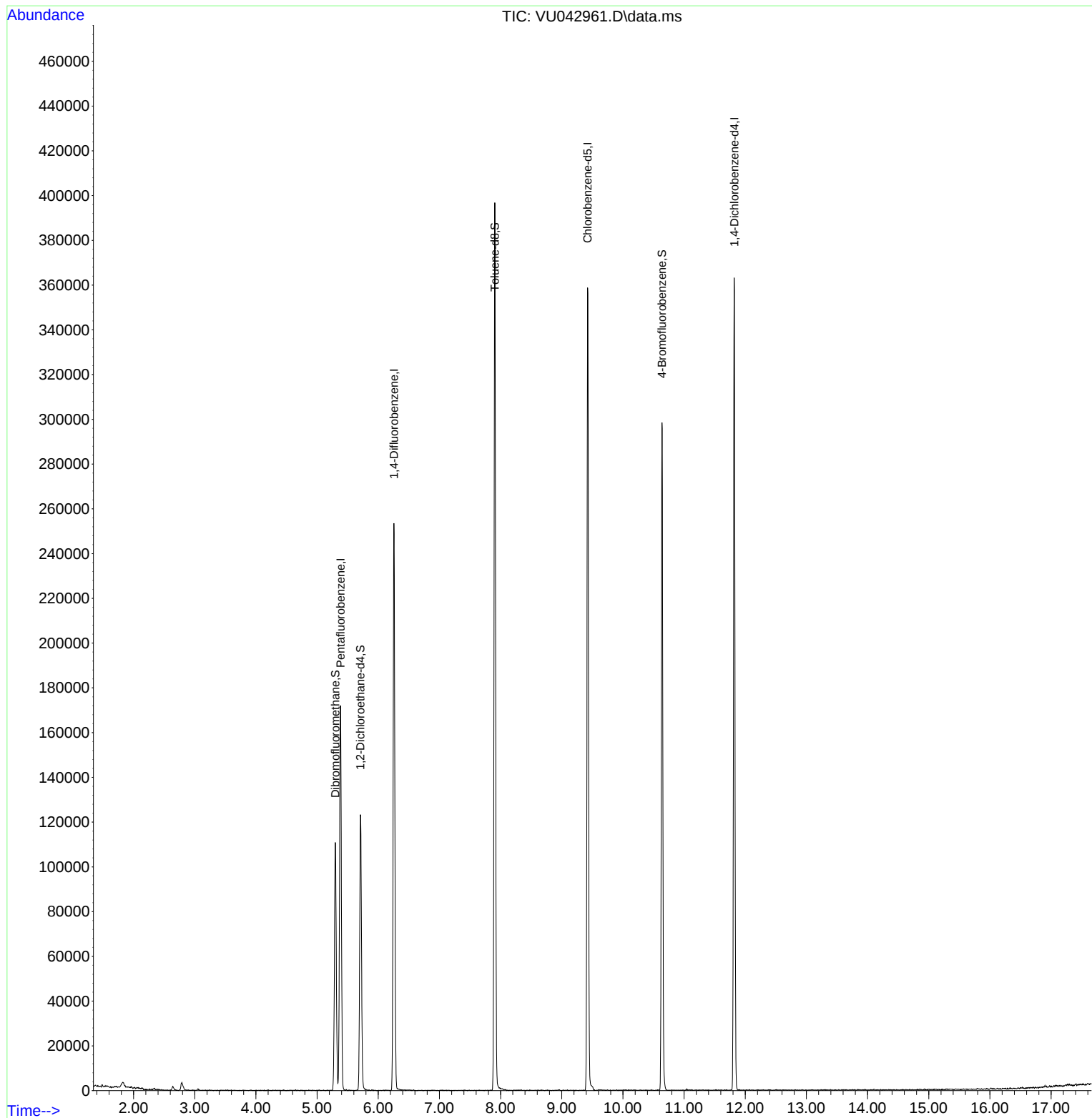
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

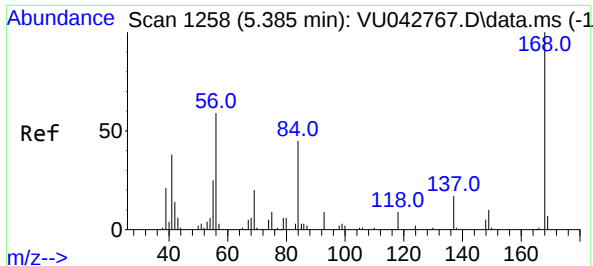
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040621\  
Data File : VU042961.D  
Acq On : 06 Apr 2021 17:43  
Operator : SY/MD  
Sample : M1949-02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
PE-1

Quant Time: Apr 07 01:45:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U032421W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 25 05:42:00 2021  
Response via : Initial Calibration

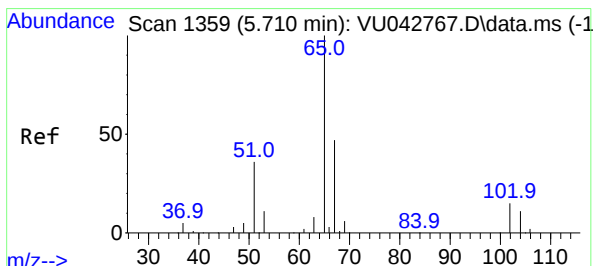
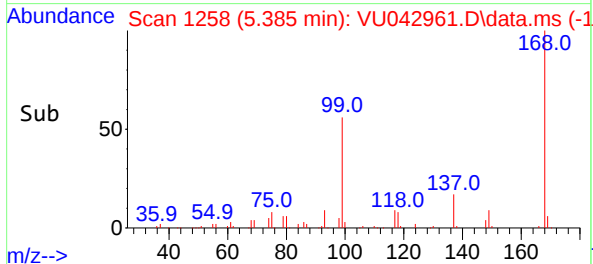
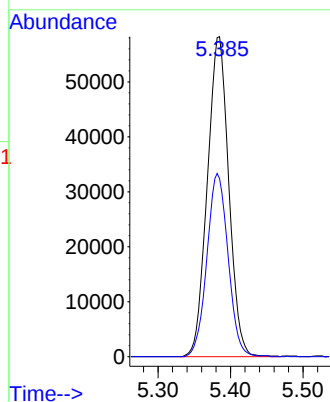
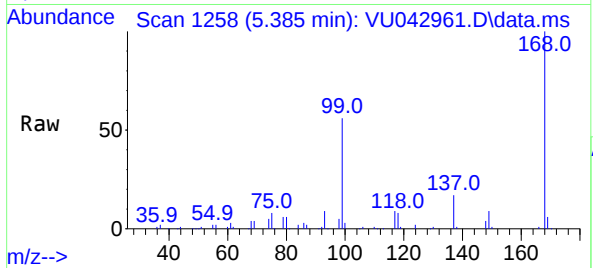




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VU042961.D  
Acq: 06 Apr 2021 17:43

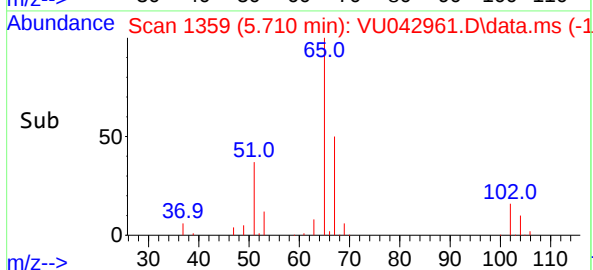
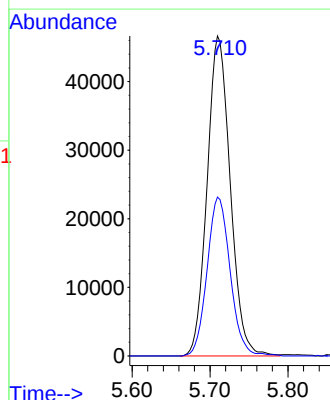
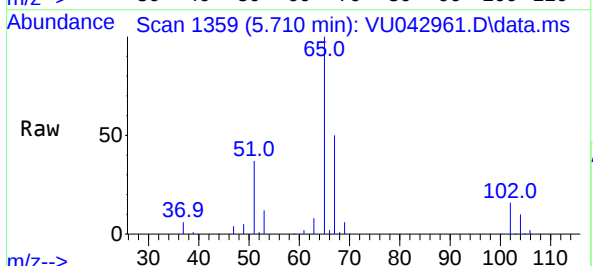
Instrument :  
MSVOA\_U  
ClientSampled :  
PE-1

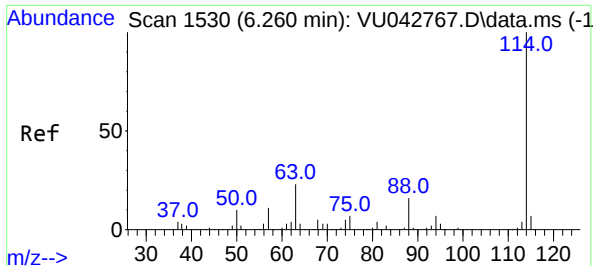
Tgt Ion:168 Resp: 119478  
Ion Ratio Lower Upper  
168 100  
99 55.7 46.4 69.6



#33  
1,2-Dichloroethane-d4  
Concen: 50.55 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU042961.D  
Acq: 06 Apr 2021 17:43

Tgt Ion: 65 Resp: 96288  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 98.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.004 min

Lab File: VU042961.D

Acq: 06 Apr 2021 17:43

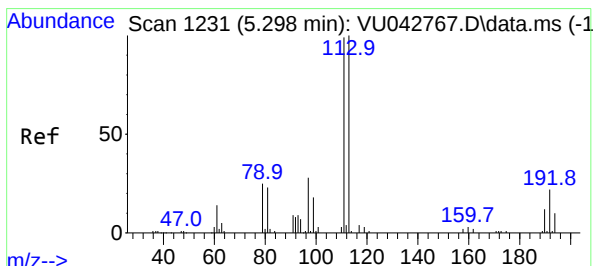
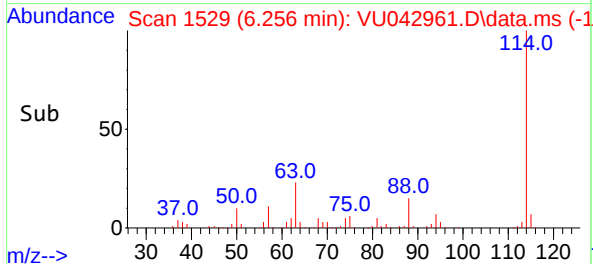
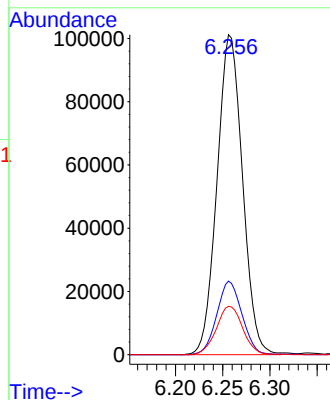
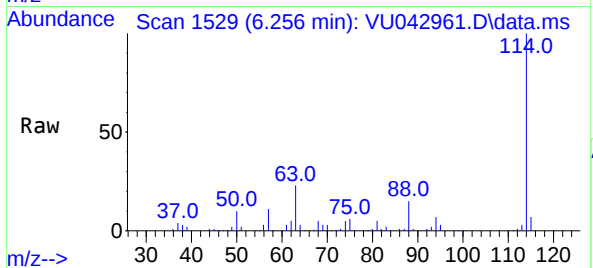
Tgt Ion:114 Resp: 189630

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.8

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.88 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042961.D

Acq: 06 Apr 2021 17:43

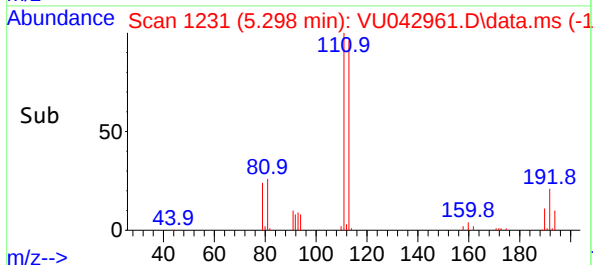
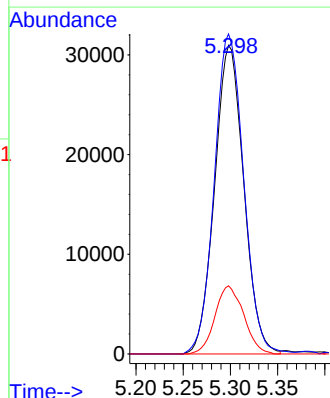
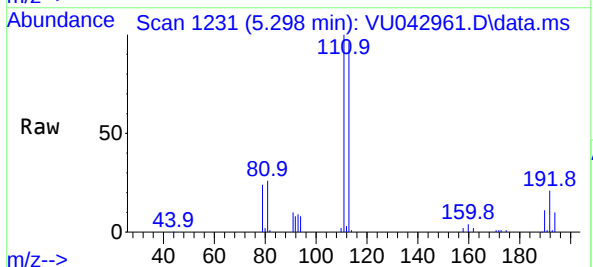
Tgt Ion:113 Resp: 66346

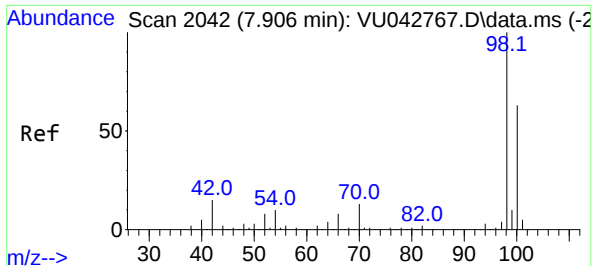
Ion Ratio Lower Upper

113 100

111 104.3 82.1 123.1

192 21.7 17.6 26.4

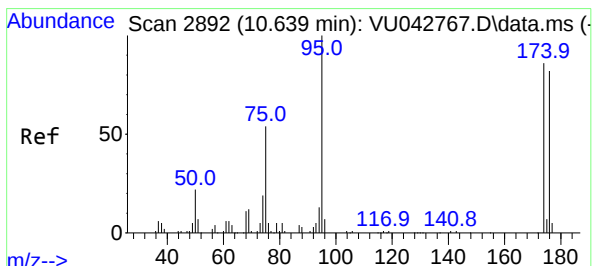
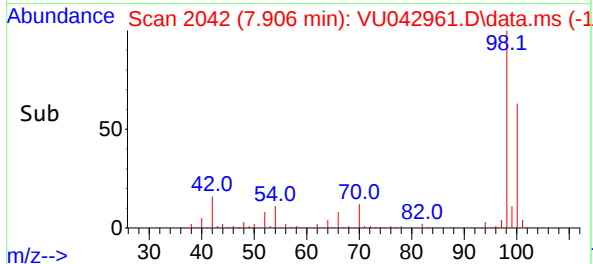
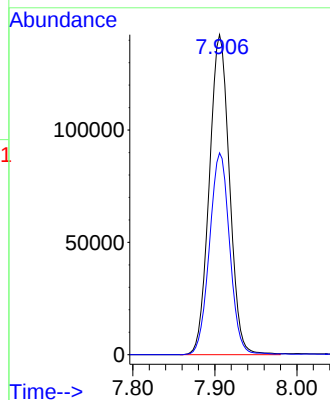
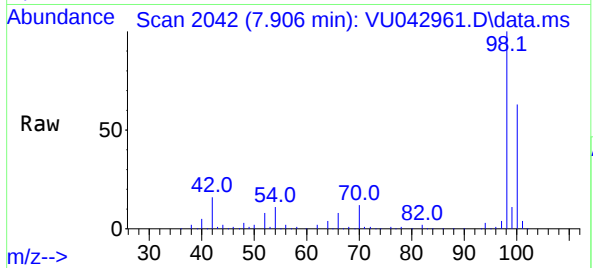




#50  
Toluene-d8  
Concen: 48.86 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU042961.D  
Acq: 06 Apr 2021 17:43

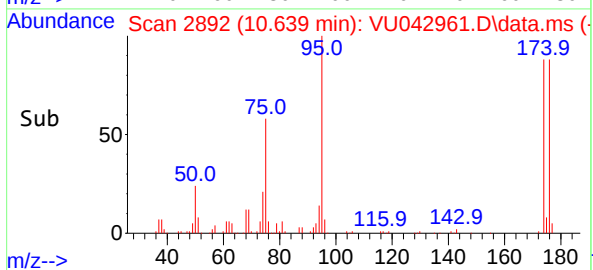
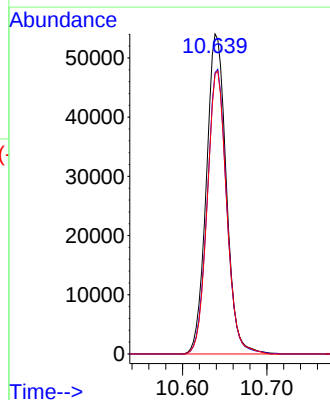
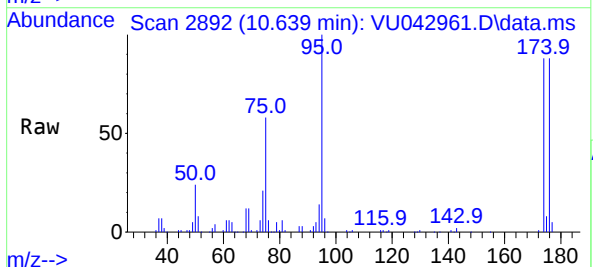
Instrument :  
MSVOA\_U  
ClientSampled :  
PE-1

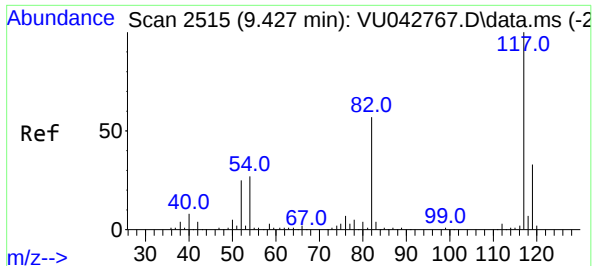
Tgt Ion: 98 Resp: 243249  
Ion Ratio Lower Upper  
98 100  
100 63.2 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 46.08 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU042961.D  
Acq: 06 Apr 2021 17:43

Tgt Ion: 95 Resp: 89165  
Ion Ratio Lower Upper  
95 100  
174 86.5 0.0 175.2  
176 86.0 0.0 167.4

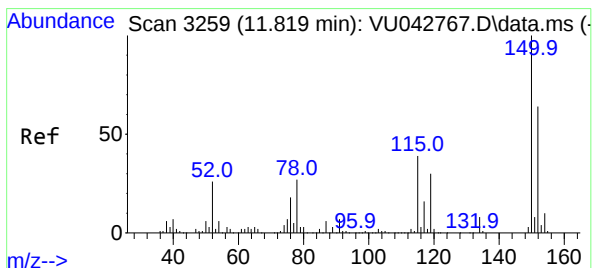
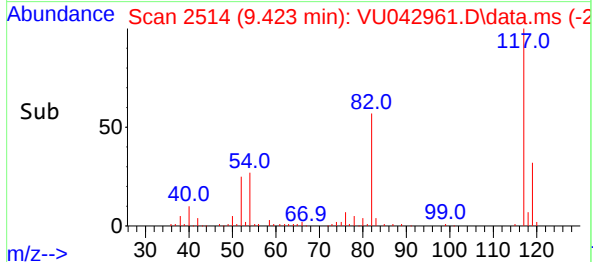
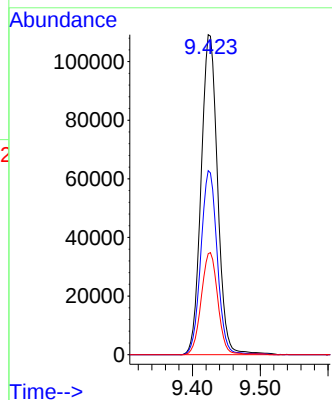
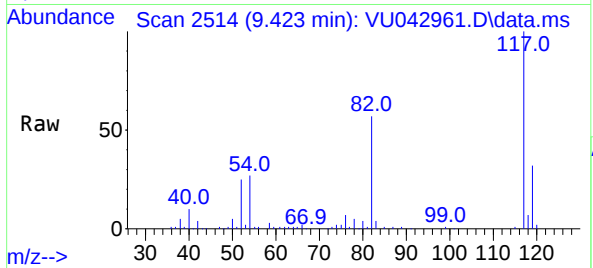




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. -0.003 min  
Lab File: VU042961.D  
Acq: 06 Apr 2021 17:43

Instrument :  
MSVOA\_U  
ClientSampled :  
PE-1

Tgt Ion:117 Resp: 184414  
Ion Ratio Lower Upper  
117 100  
82 57.5 45.5 68.3  
119 31.6 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.822 min Scan# 3260  
Delta R.T. 0.003 min  
Lab File: VU042961.D  
Acq: 06 Apr 2021 17:43

Tgt Ion:152 Resp: 89893  
Ion Ratio Lower Upper  
152 100  
115 58.5 41.0 123.0  
150 156.0 0.0 341.0

