

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042821\  
 Data File : VU043376.D  
 Acq On : 28 Apr 2021 11:10  
 Operator : SY/MD  
 Sample : VU0428WBL02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0428WBL02

Quant Time: Apr 29 08:35:53 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       | 5.385  | 168  | 110300   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.259  | 114  | 184671   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 176264   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 83081    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 105063   | 56.66 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 113.32% |          |
| 35) Dibromofluoromethane    | 5.301  | 113  | 72263    | 52.08 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 104.16% |          |
| 50) Toluene-d8              | 7.906  | 98   | 253036   | 51.53 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 103.06% |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 87010    | 44.25 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 88.50%  |          |

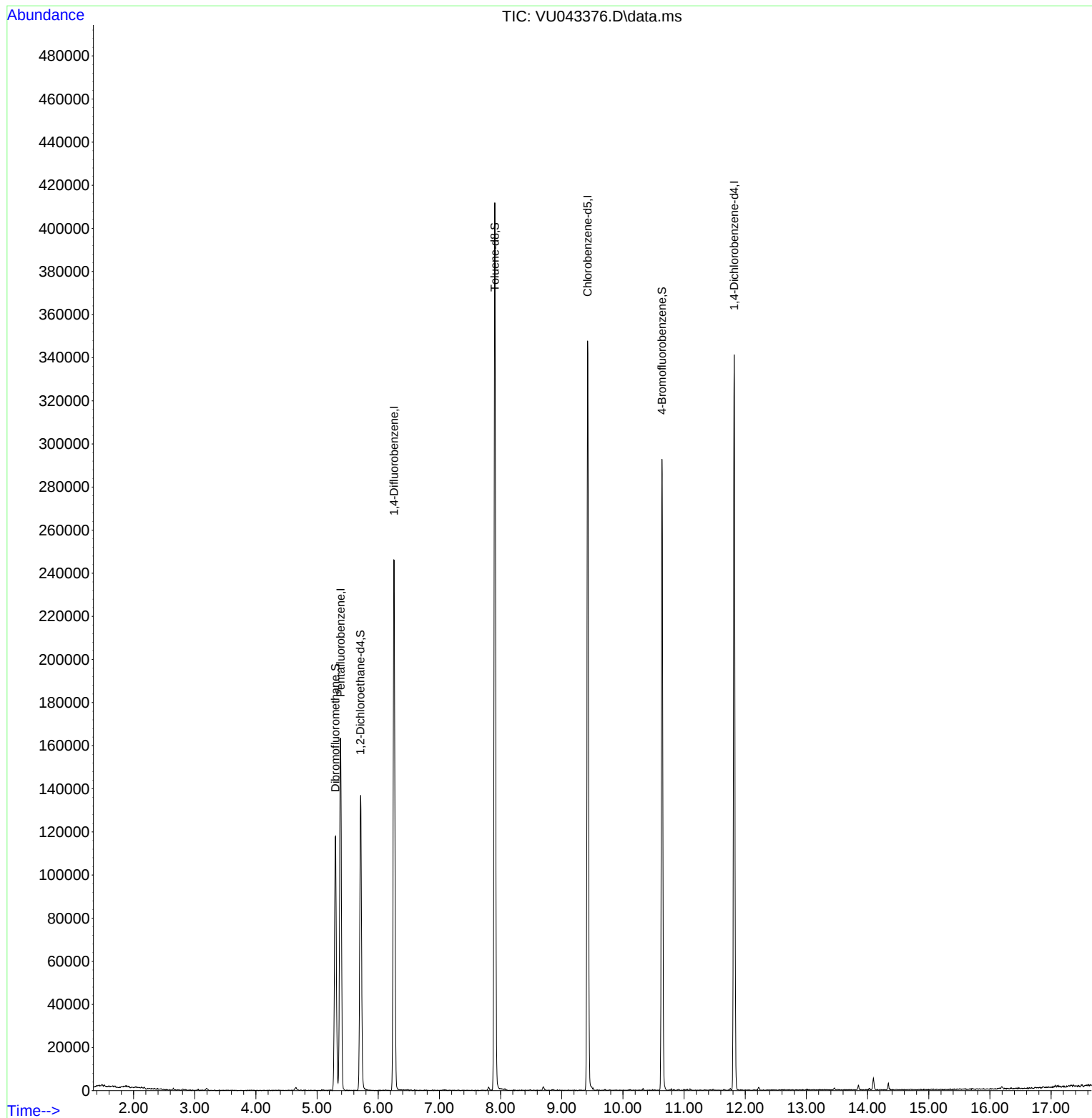
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

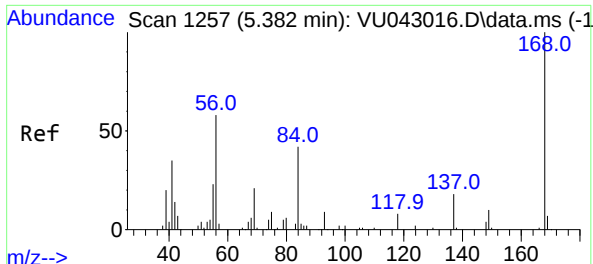
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

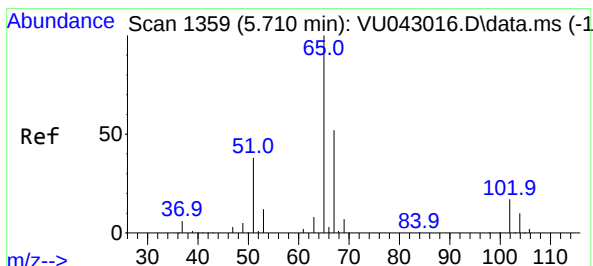
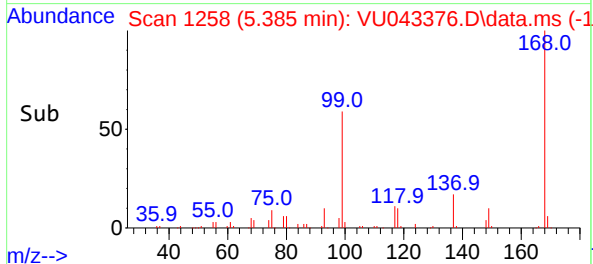
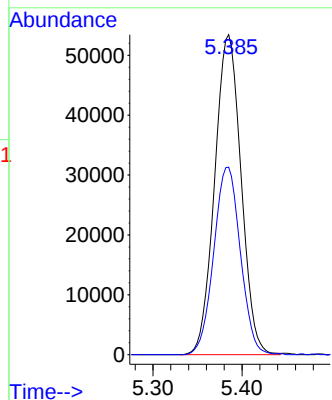
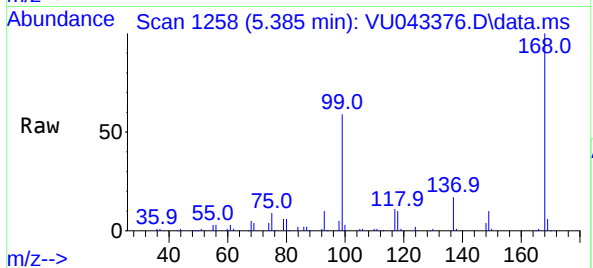




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. 0.003 min  
Lab File: VU043376.D  
Acq: 28 Apr 2021 11:10

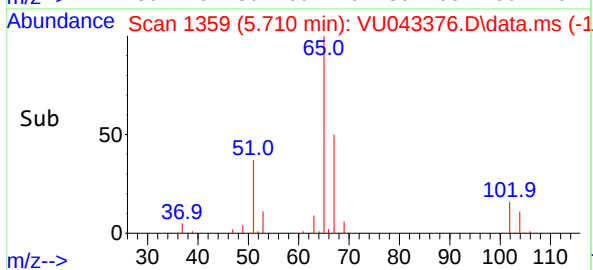
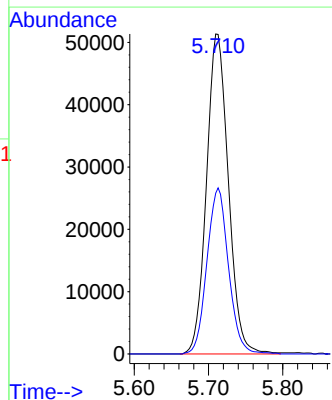
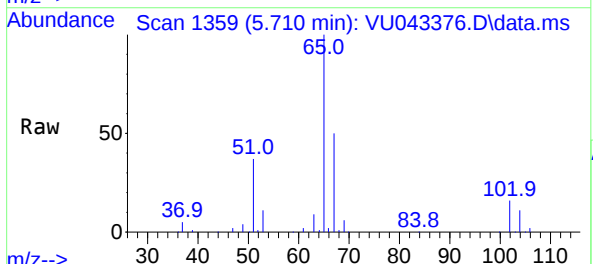
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0428WBL02

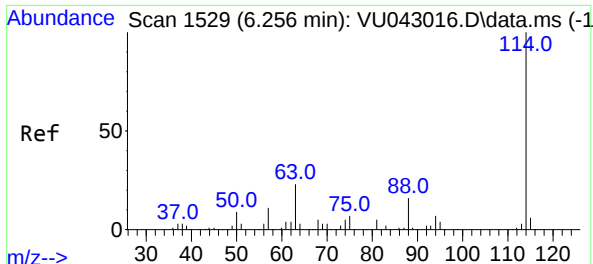
Tgt Ion:168 Resp: 110300  
Ion Ratio Lower Upper  
168 100  
99 58.6 45.0 67.4



#33  
1,2-Dichloroethane-d4  
Concen: 56.66 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU043376.D  
Acq: 28 Apr 2021 11:10

Tgt Ion: 65 Resp: 105063  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 99.8

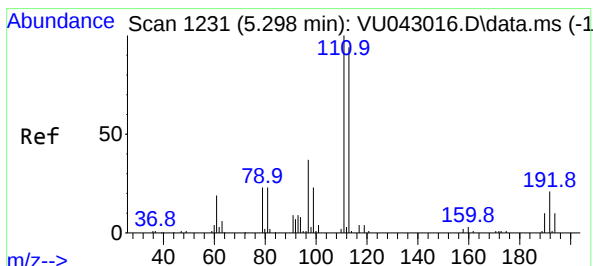
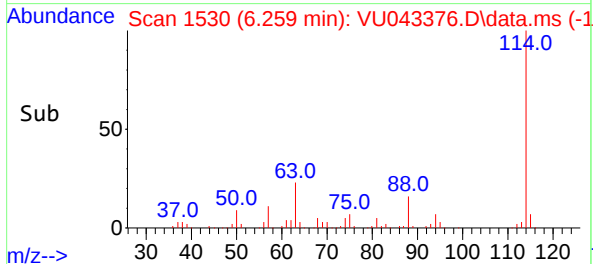
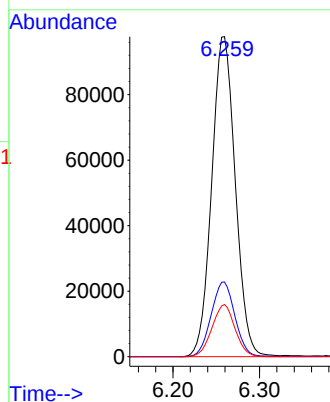
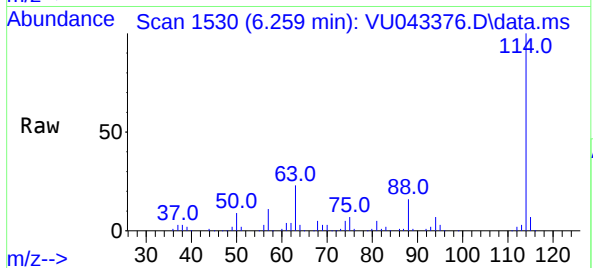




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.259 min Scan# 1530  
Delta R.T. 0.003 min  
Lab File: VU043376.D  
Acq: 28 Apr 2021 11:10

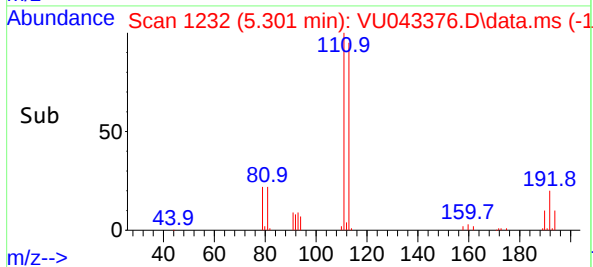
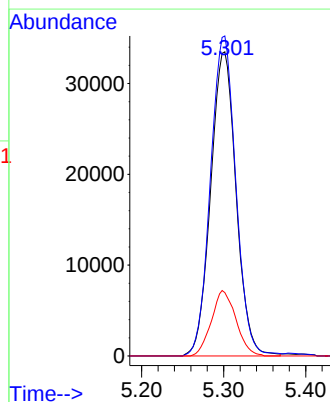
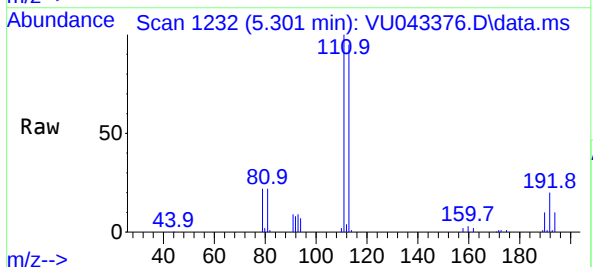
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ClientSampleId :  
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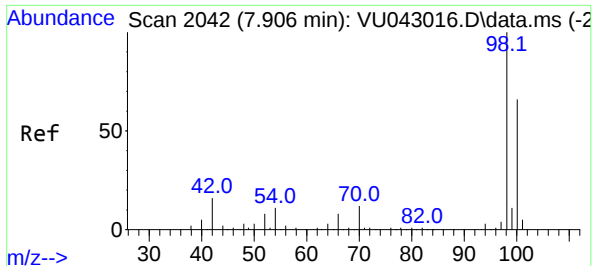
Tgt Ion:114 Resp: 184671  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 44.2  
88 16.3 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 52.08 ug/l  
RT: 5.301 min Scan# 1232  
Delta R.T. 0.003 min  
Lab File: VU043376.D  
Acq: 28 Apr 2021 11:10

Tgt Ion:113 Resp: 72263  
Ion Ratio Lower Upper  
113 100  
111 104.8 81.8 122.8  
192 20.8 17.2 25.8

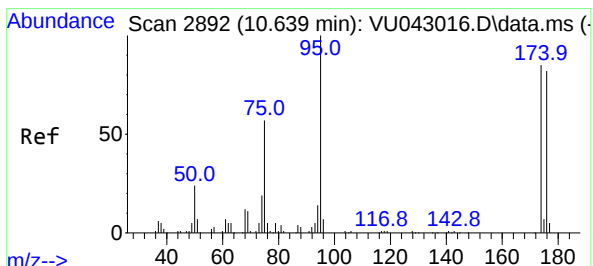
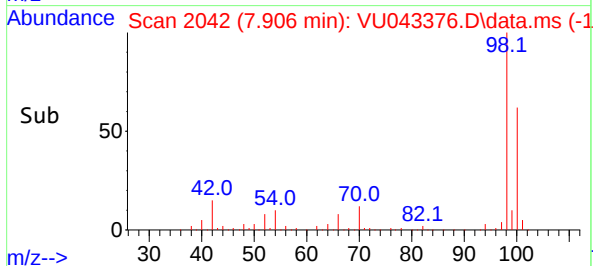
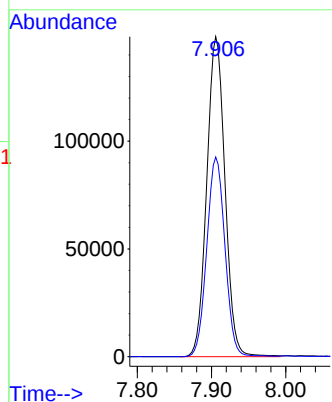
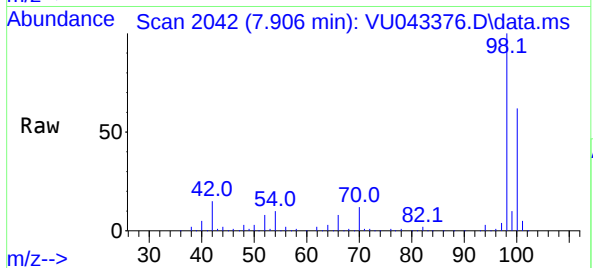




#50  
Toluene-d8  
Concen: 51.53 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU043376.D  
Acq: 28 Apr 2021 11:10

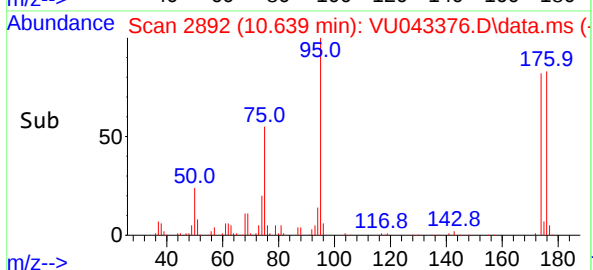
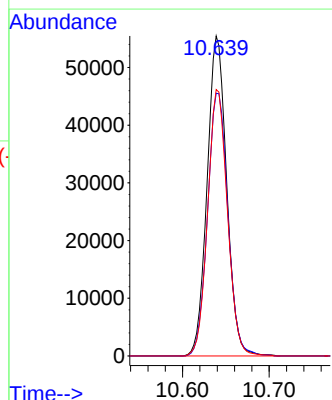
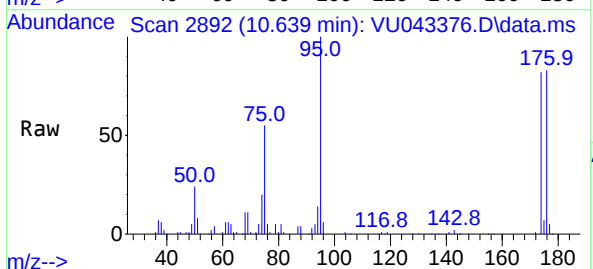
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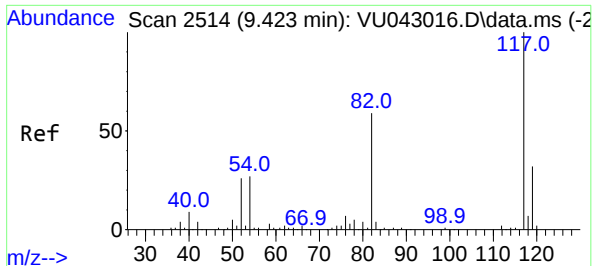
Tgt Ion: 98 Resp: 253036  
Ion Ratio Lower Upper  
98 100  
100 62.0 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 44.25 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043376.D  
Acq: 28 Apr 2021 11:10

Tgt Ion: 95 Resp: 87010  
Ion Ratio Lower Upper  
95 100  
174 85.5 0.0 172.2  
176 84.3 0.0 168.8

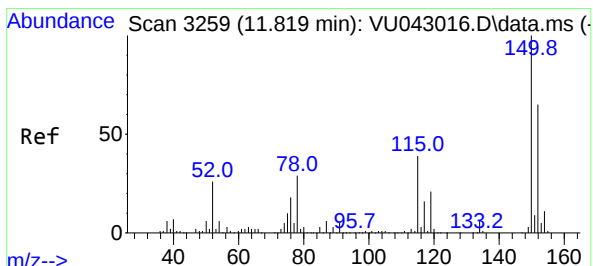
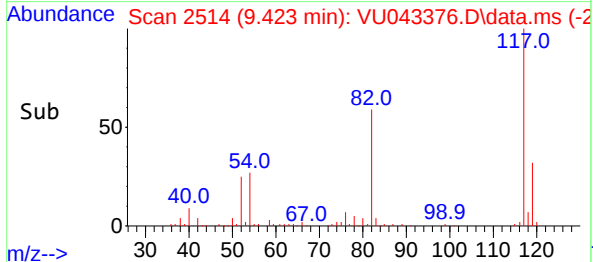
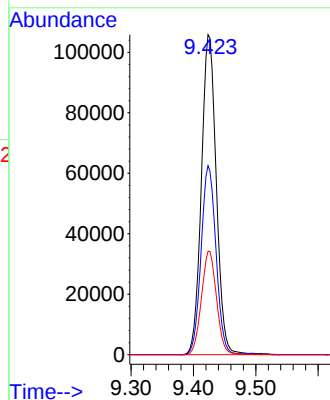
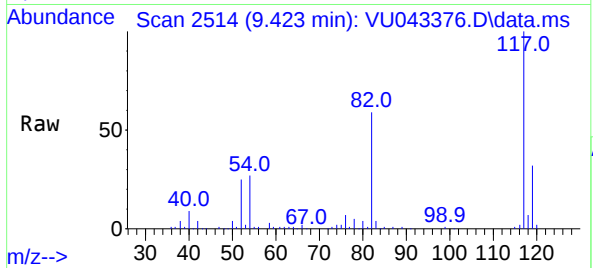




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043376.D  
Acq: 28 Apr 2021 11:10

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0428WBL02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 176264 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 59.1  | 45.8  | 68.6   |
| 119      | 32.3  | 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: VU043376.D  
Acq: 28 Apr 2021 11:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 83081 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 58.4  | 41.5  | 124.6 |
| 150      | 155.4 | 0.0   | 342.4 |

