

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042821\  
 Data File : VU043399.D  
 Acq On : 28 Apr 2021 20:18  
 Operator : SY/MD  
 Sample : M2208-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BP-VPB-RW8-GW-398-400

Quant Time: Apr 29 08:43:20 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

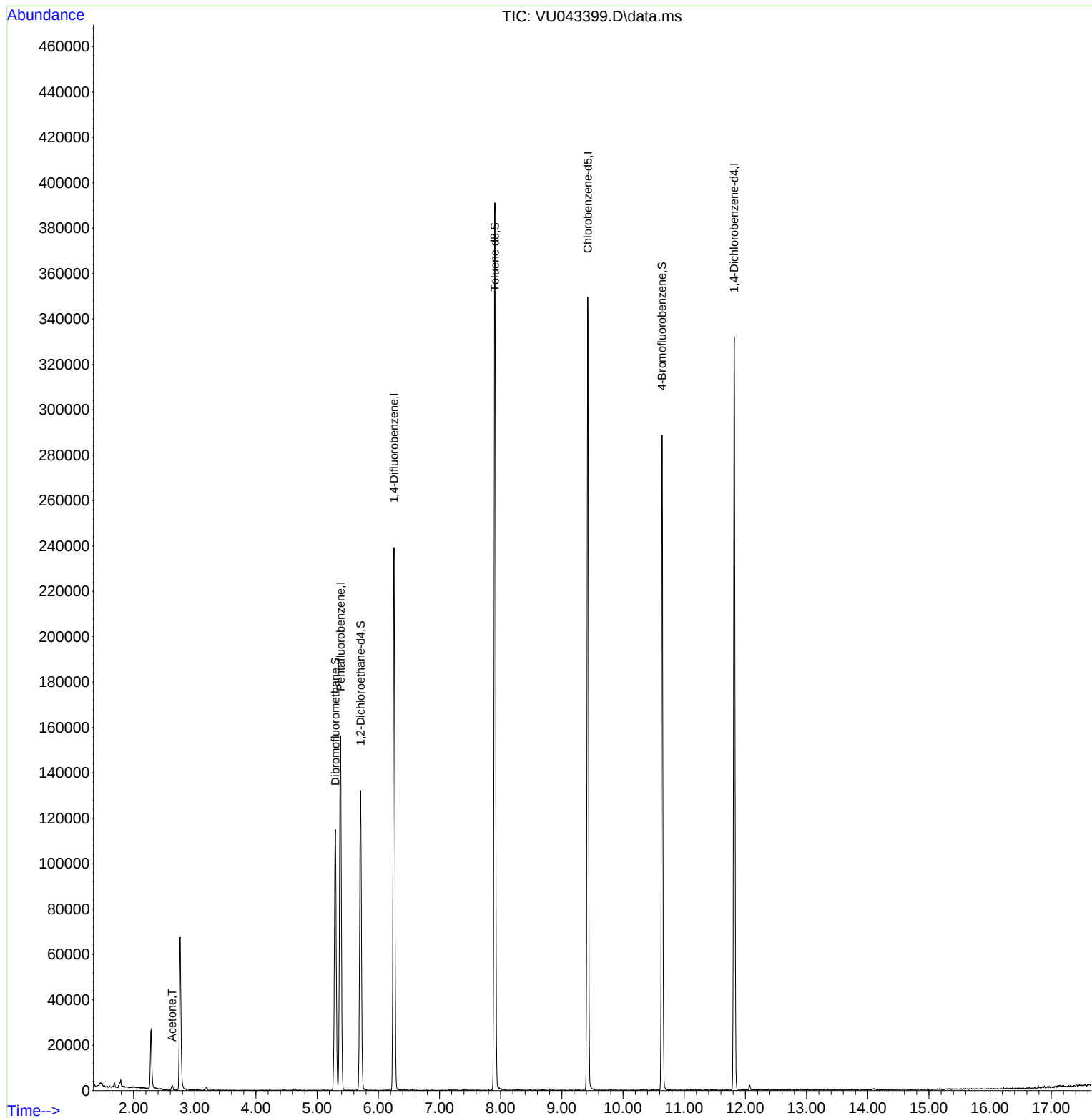
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|---------|-----------|
| -----                       |        |      |          |       |         |           |
| Internal Standards          |        |      |          |       |         |           |
| 1) Pentafluorobenzene       | 5.382  | 168  | 104859   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 174750   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 170745   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 80912    | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |        |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 100890   | 57.23 | ug/l    | 0.00      |
| Spiked Amount 50.000        |        |      | Recovery | =     | 114.46% |           |
| 35) Dibromofluoromethane    | 5.298  | 113  | 70362    | 53.58 | ug/l    | 0.00      |
| Spiked Amount 50.000        |        |      | Recovery | =     | 107.16% |           |
| 50) Toluene-d8              | 7.906  | 98   | 240612   | 51.78 | ug/l    | 0.00      |
| Spiked Amount 50.000        |        |      | Recovery | =     | 103.56% |           |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 84095    | 45.20 | ug/l    | 0.00      |
| Spiked Amount 50.000        |        |      | Recovery | =     | 90.40%  |           |
| Target Compounds            |        |      |          |       |         |           |
| 16) Acetone                 | 2.629  | 43   | 2482     | 2.09  | ug/l    | Qvalue 92 |
| -----                       |        |      |          |       |         |           |

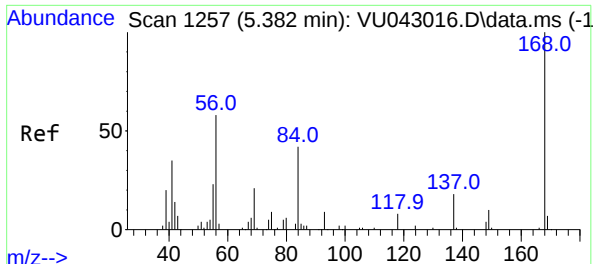
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042821\  
Data File : VU043399.D  
Acq On : 28 Apr 2021 20:18  
Operator : SY/MD  
Sample : M2208-04  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BP-VPB-RW8-GW-398-400

Quant Time: Apr 29 08:43:20 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

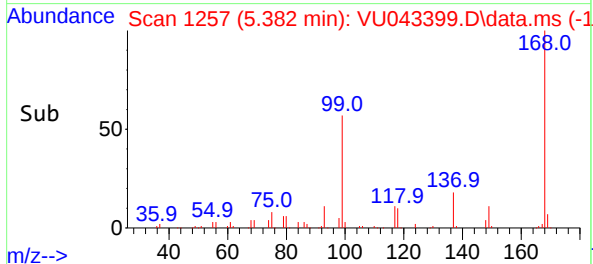
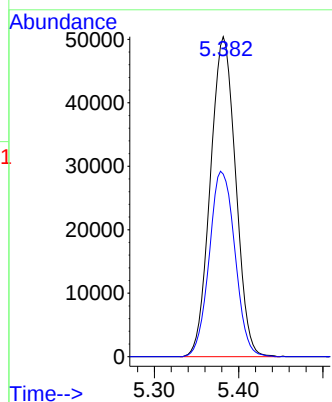
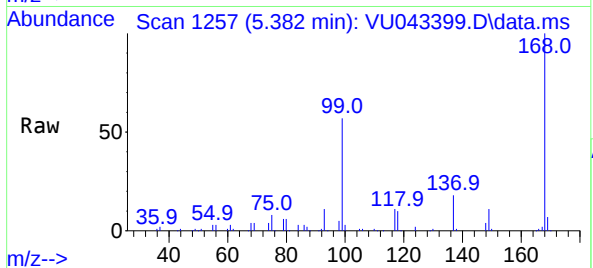




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043399.D  
Acq: 28 Apr 2021 20:18

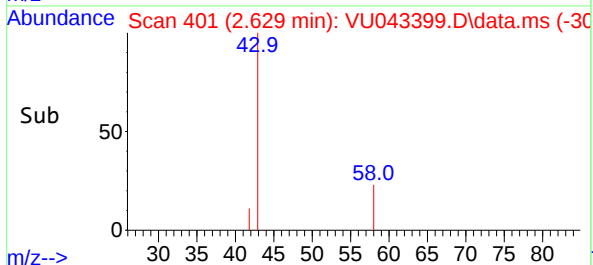
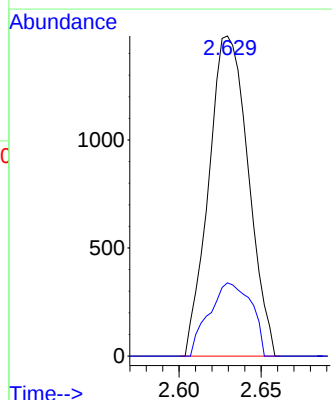
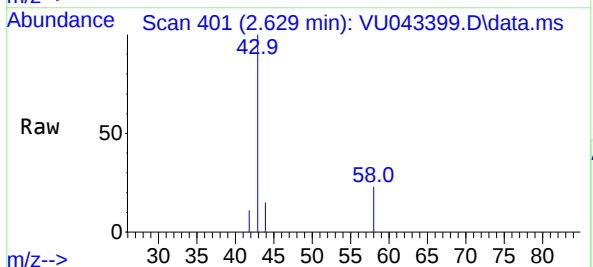
Instrument :  
MSVOA\_U  
ClientSampleId :  
BP-VPB-RW8-GW-398-400

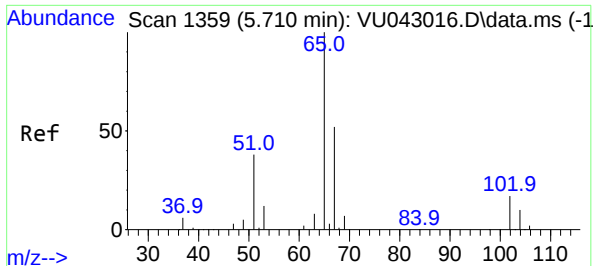
Tgt Ion:168 Resp: 104859  
Ion Ratio Lower Upper  
168 100  
99 57.0 45.0 67.4



#16  
Acetone  
Concen: 2.09 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: VU043399.D  
Acq: 28 Apr 2021 20:18

Tgt Ion: 43 Resp: 2482  
Ion Ratio Lower Upper  
43 100  
58 22.9 21.5 32.3

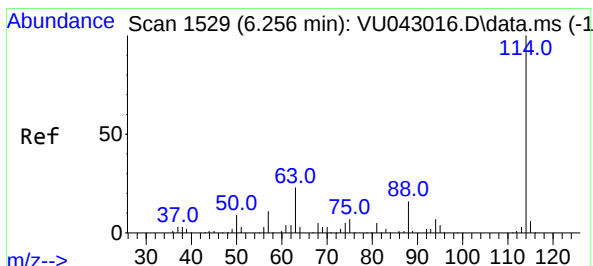
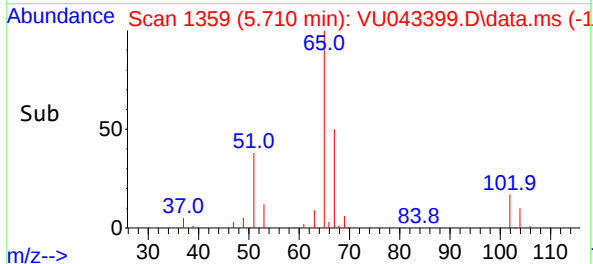
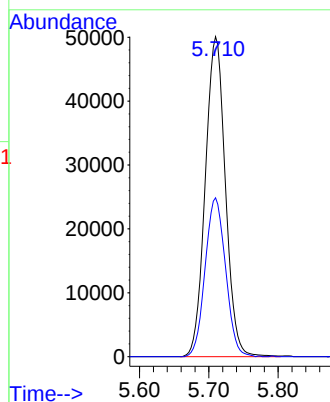
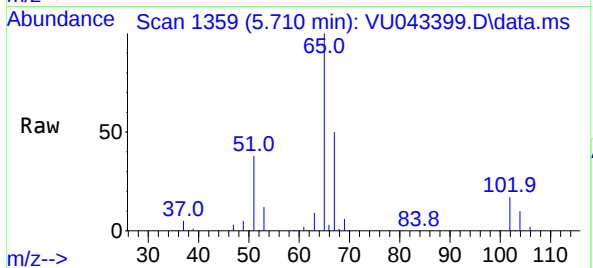




#33  
1,2-Dichloroethane-d4  
Concen: 57.23 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU043399.D  
Acq: 28 Apr 2021 20:18

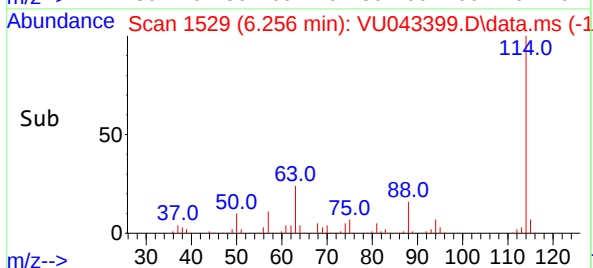
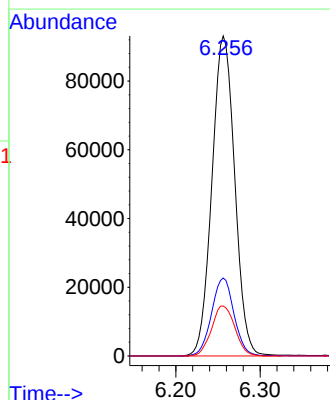
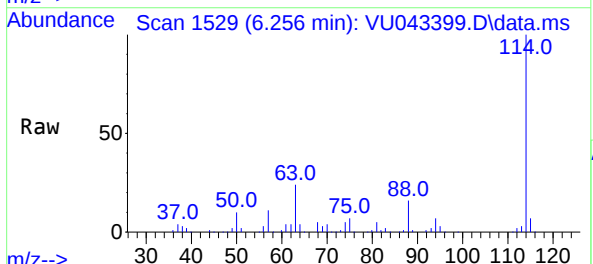
Instrument :  
MSVOA\_U  
ClientSampleId :  
BP-VPB-RW8-GW-398-400

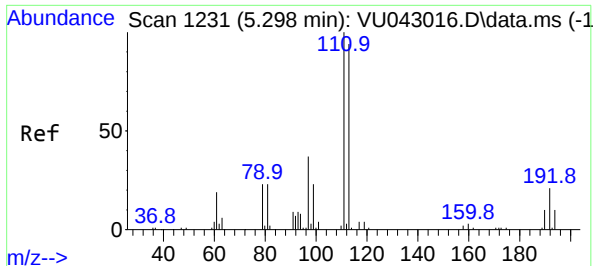
Tgt Ion: 65 Resp: 100890  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 99.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU043399.D  
Acq: 28 Apr 2021 20:18

Tgt Ion: 114 Resp: 174750  
Ion Ratio Lower Upper  
114 100  
63 24.3 0.0 44.2  
88 15.6 0.0 33.4



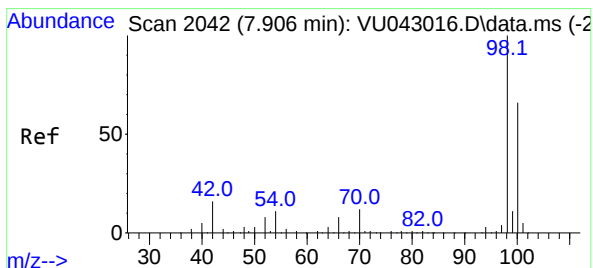
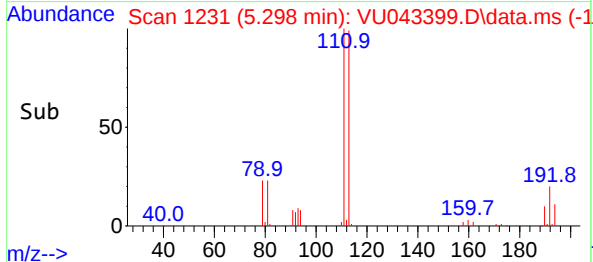
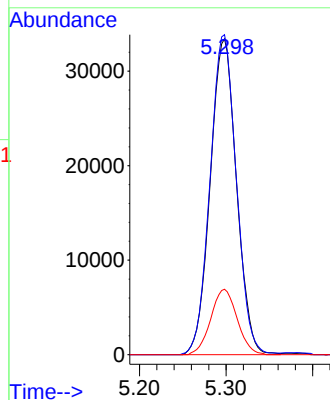
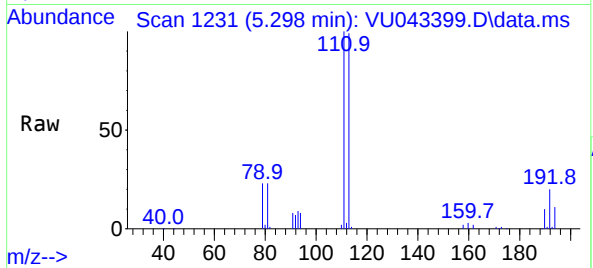


#35  
Dibromofluoromethane  
Concen: 53.58 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043399.D  
Acq: 28 Apr 2021 20:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
BP-VPB-RW8-GW-398-400

Tgt Ion:113 Resp: 70362

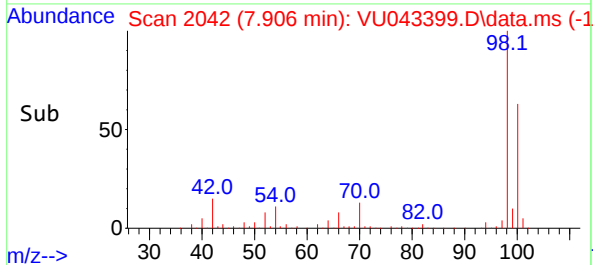
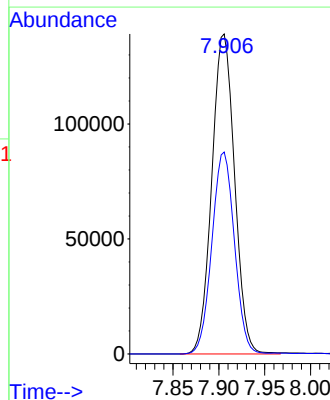
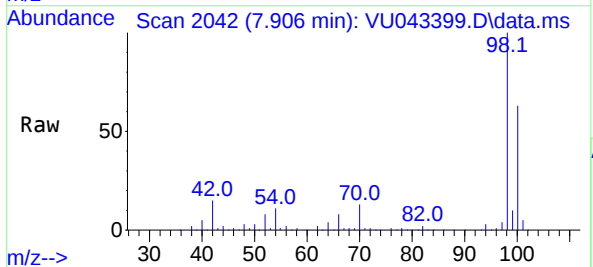
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 101.5 | 81.8  | 122.8 |
| 192 | 20.8  | 17.2  | 25.8  |

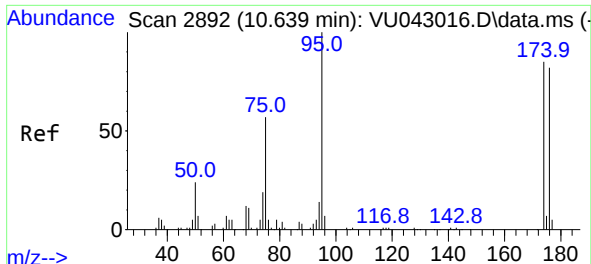


#50  
Toluene-d8  
Concen: 51.78 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU043399.D  
Acq: 28 Apr 2021 20:18

Tgt Ion: 98 Resp: 240612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 62.4  | 50.2  | 75.2  |

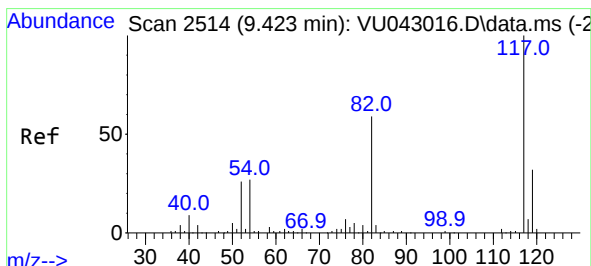
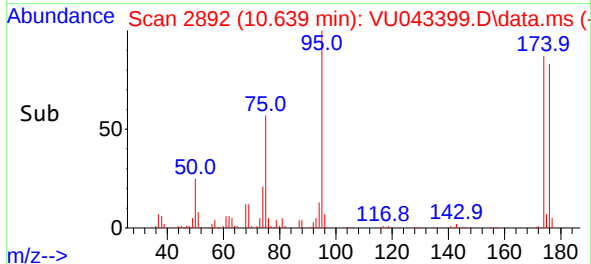
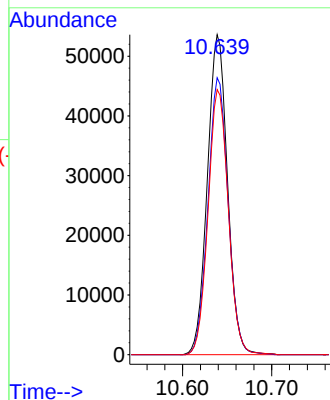
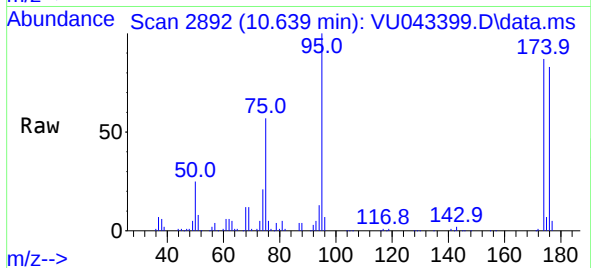




#62  
4-Bromofluorobenzene  
Concen: 45.20 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043399.D  
Acq: 28 Apr 2021 20:18

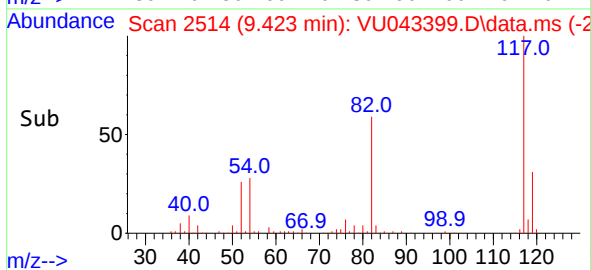
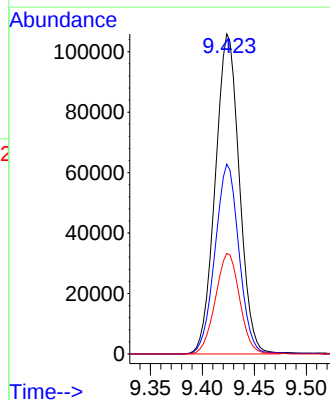
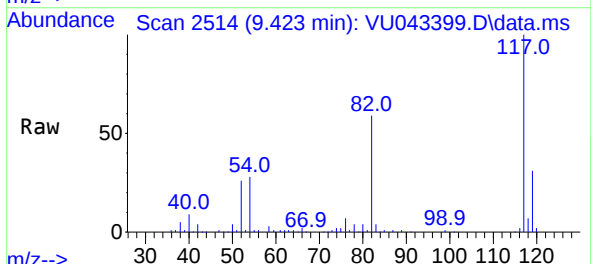
Instrument :  
MSVOA\_U  
ClientSampleId :  
BP-VPB-RW8-GW-398-400

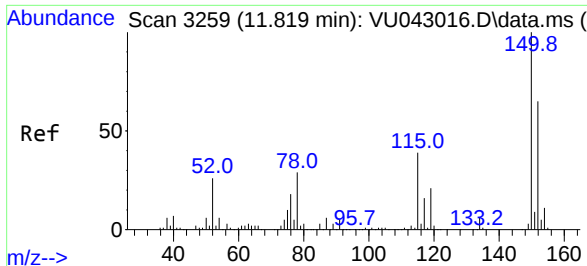
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 84095 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 86.8  | 0.0   | 172.2 |
| 176       | 83.3  | 0.0   | 168.8 |



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043399.D  
Acq: 28 Apr 2021 20:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 170745 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 59.3  | 45.8  | 68.6   |
| 119       | 31.4  | 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: VU043399.D  
 Acq: 28 Apr 2021 20:18

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BP-VPB-RW8-GW-398-400

Tgt Ion:152 Resp: 80912  
 Ion Ratio Lower Upper  
 152 100  
 115 57.3 41.5 124.6  
 150 154.7 0.0 342.4

