

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060721\  
 Data File : VU044070.D  
 Acq On : 07 Jun 2021 21:03  
 Operator : SY/MD  
 Sample : M2612-22  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 18-B12(10-14)

Quant Time: Jun 08 05:46:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 08 05:21:34 2021  
 Response via : Initial Calibration

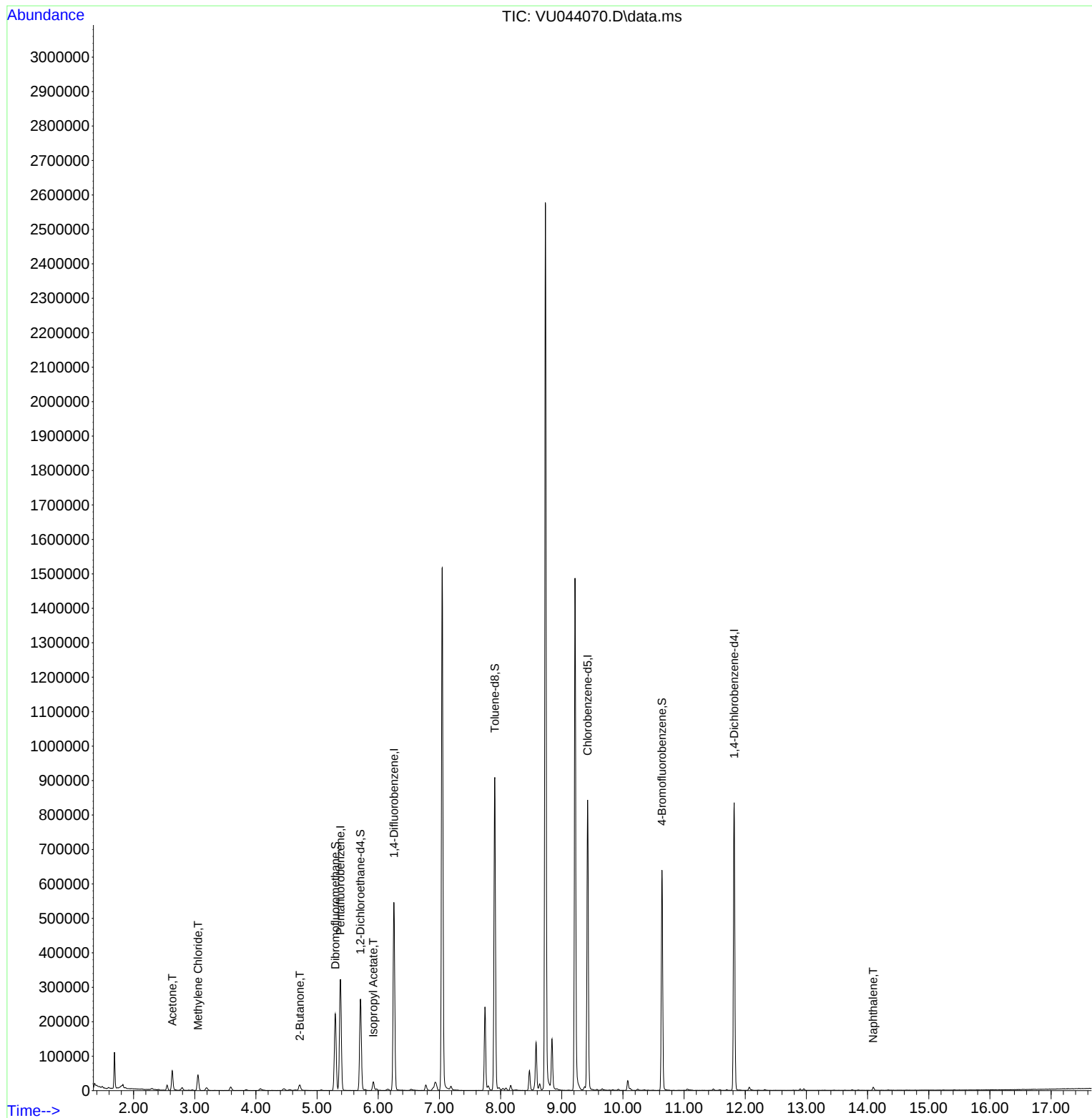
| Compound                    | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|--------|----------|----------|
| -----                       |        |      |          |        |          |          |
| Internal Standards          |        |      |          |        |          |          |
| 1) Pentafluorobenzene       | 5.382  | 168  | 207948   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 417721   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 435176   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 202754   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |        |      |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 193897   | 53.540 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 107.080% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 144920   | 48.616 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 97.240%  |          |
| 50) Toluene-d8              | 7.906  | 98   | 575303   | 50.035 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 100.060% |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 216623   | 47.585 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 95.180%  |          |
| Target Compounds            |        |      |          |        |          |          |
|                             |        |      |          |        |          | Qvalue   |
| 16) Acetone                 | 2.633  | 43   | 63382    | 30.323 | ug/l     | 99       |
| 20) Methylene Chloride      | 3.054  | 84   | 21162    | 5.230  | ug/l     | 95       |
| 25) 2-Butanone              | 4.716  | 43   | 25071    | 8.407  | ug/l     | 97       |
| 43) Isopropyl Acetate       | 5.919  | 43   | 25725    | 3.069  | ug/l     | 99       |
| 95) Naphthalene             | 14.092 | 128  | 7823     | 3.379  | ug/l     | 99       |
| -----                       |        |      |          |        |          |          |

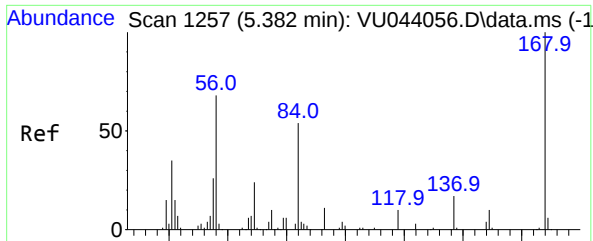
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060721\  
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Quant Time: Jun 08 05:46:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 08 05:21:34 2021  
Response via : Initial Calibration

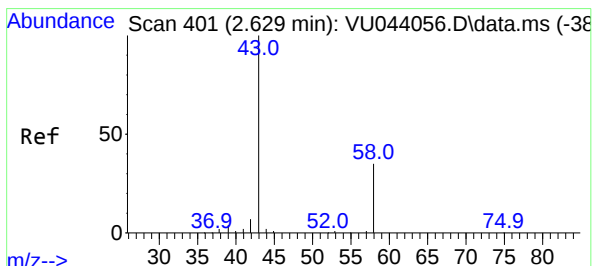
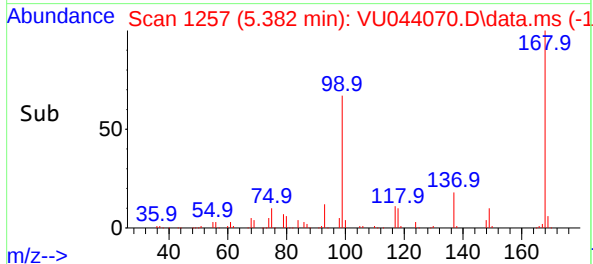
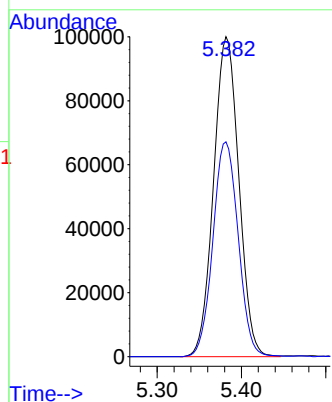
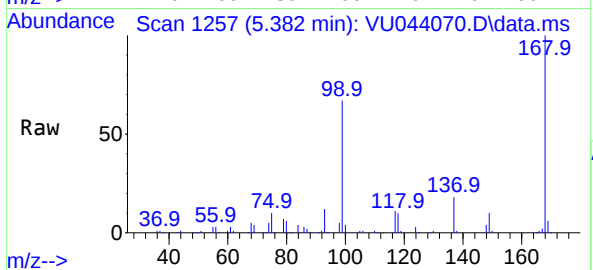




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

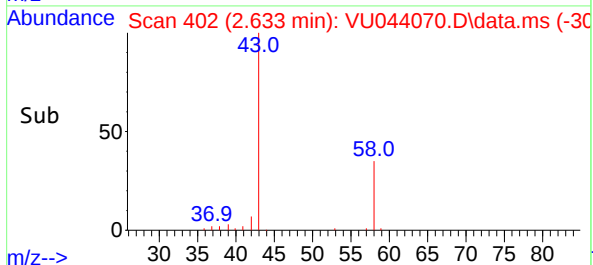
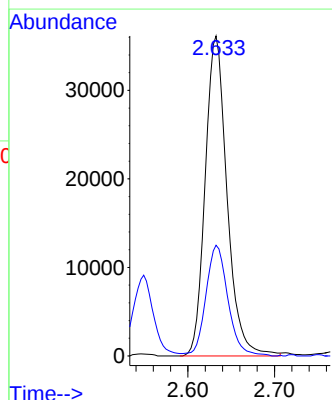
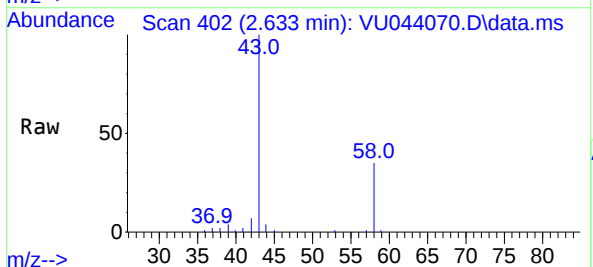
Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(10-14)

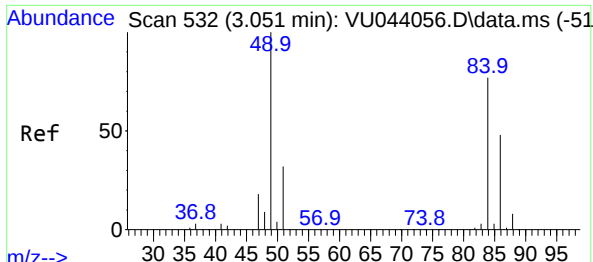
Tgt Ion:168 Resp: 207948  
Ion Ratio Lower Upper  
168 100  
99 67.2 52.6 78.8



#16  
Acetone  
Concen: 30.323 ug/l  
RT: 2.633 min Scan# 402  
Delta R.T. 0.003 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

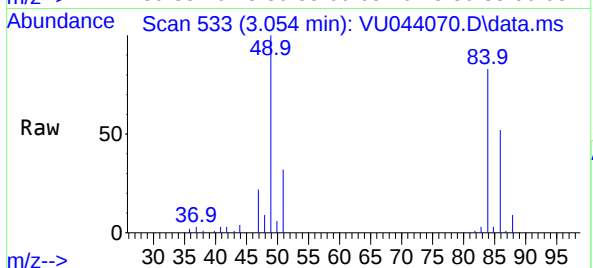
Tgt Ion: 43 Resp: 63382  
Ion Ratio Lower Upper  
43 100  
58 34.3 27.7 41.5





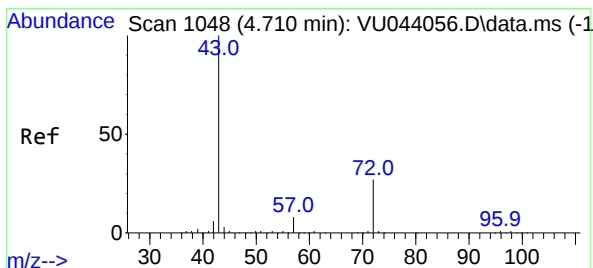
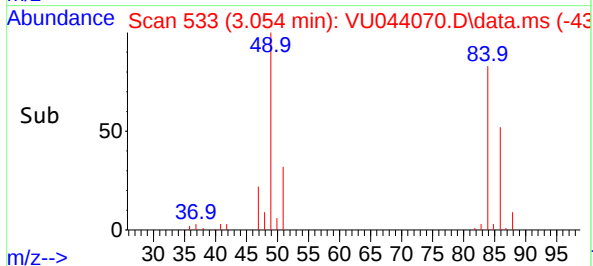
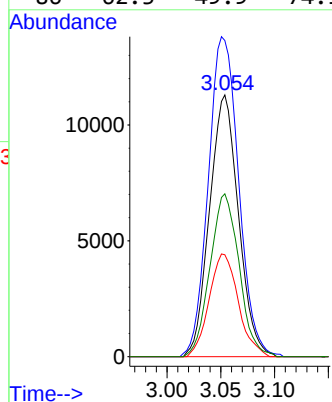
#20  
Methylene Chloride  
Concen: 5.230 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.003 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(10-14)



Tgt Ion: 84 Resp: 21162

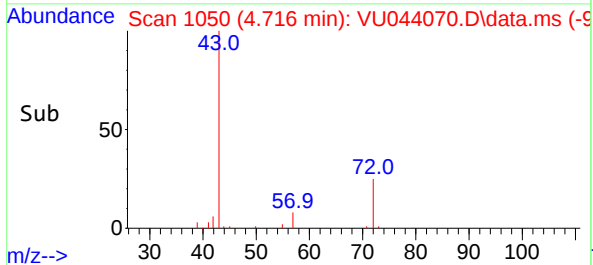
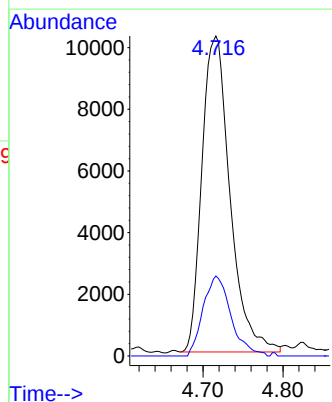
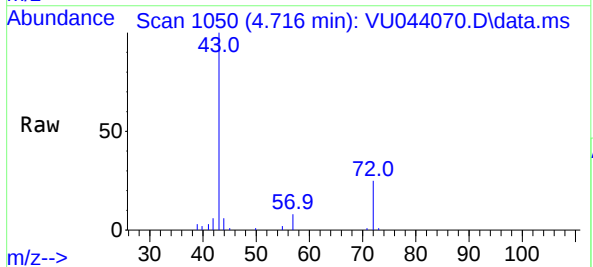
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 120.8 | 103.6 | 155.4 |
| 51  | 39.0  | 32.8  | 49.2  |
| 86  | 62.3  | 49.9  | 74.9  |

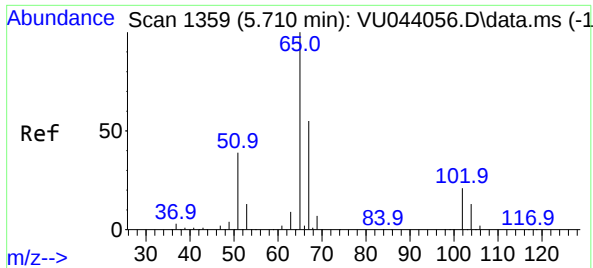


#25  
2-Butanone  
Concen: 8.407 ug/l  
RT: 4.716 min Scan# 1050  
Delta R.T. 0.006 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

Tgt Ion: 43 Resp: 25071

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 25.3  | 21.4  | 32.2  |

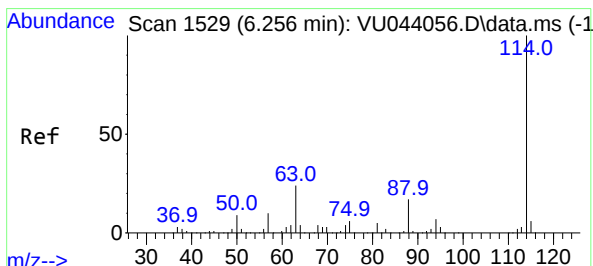
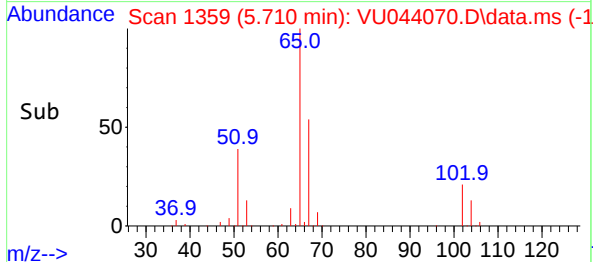
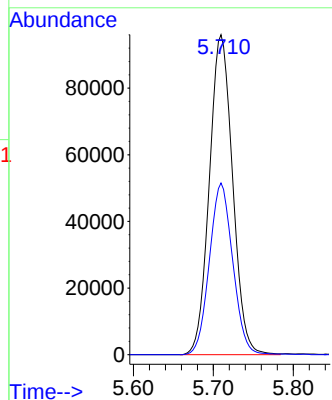
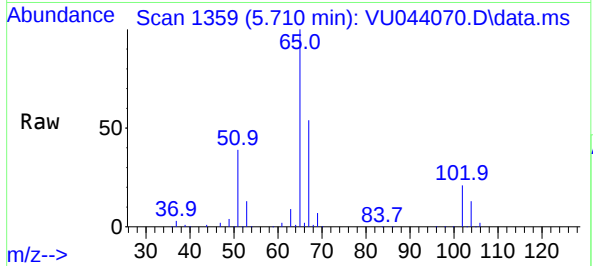




#33  
1,2-Dichloroethane-d4  
Concen: 53.540 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

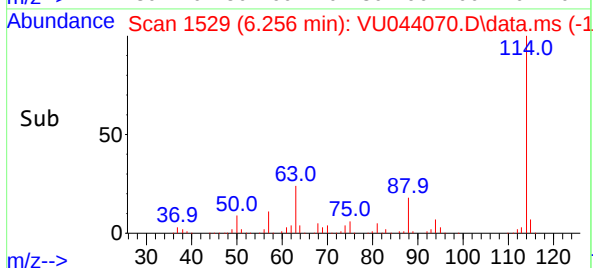
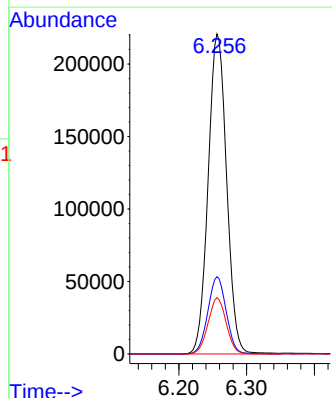
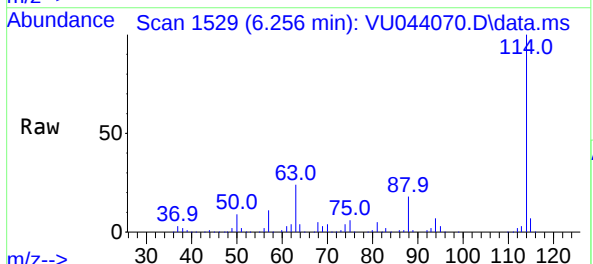
Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(10-14)

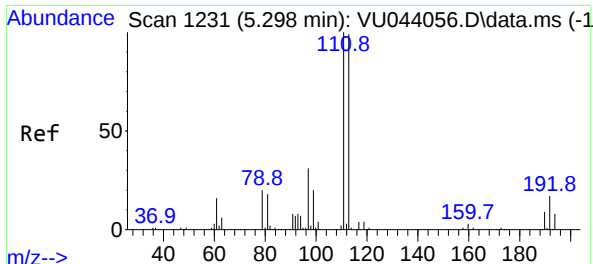
Tgt Ion: 65 Resp: 193897  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 109.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

Tgt Ion:114 Resp: 417721  
Ion Ratio Lower Upper  
114 100  
63 24.2 0.0 48.4  
88 17.6 0.0 34.4



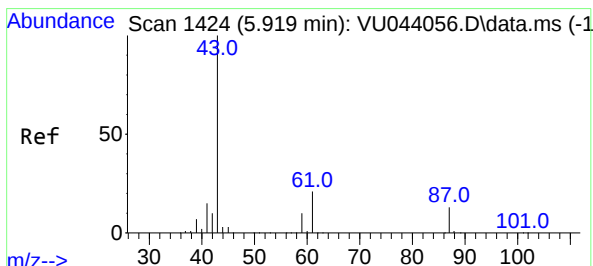
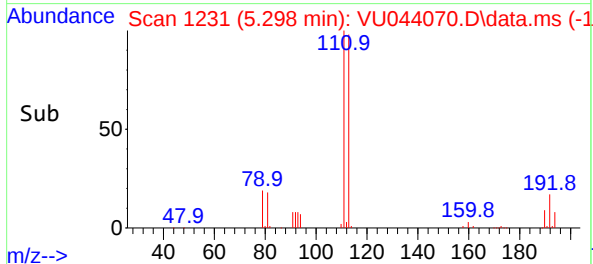
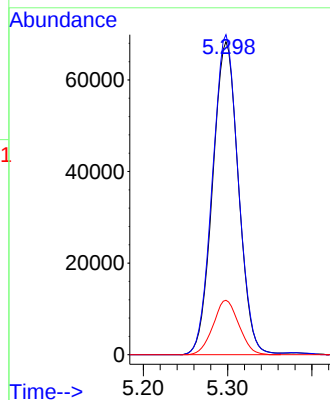
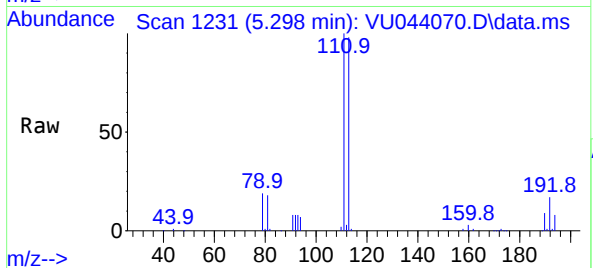


#35

Dibromofluoromethane  
Concen: 48.616 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(10-14)

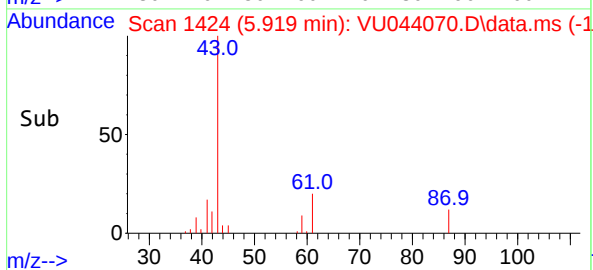
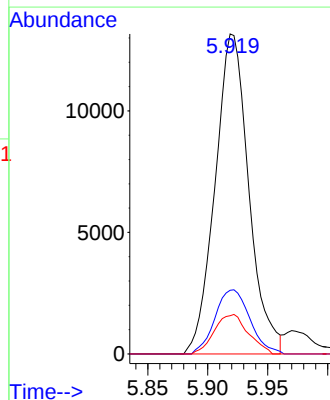
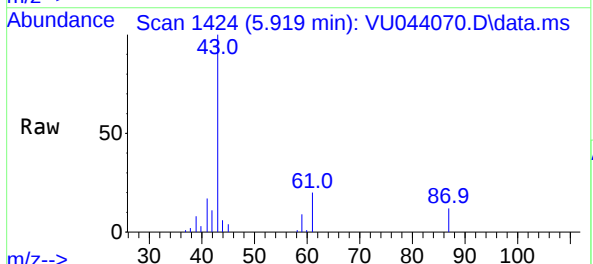
Tgt Ion:113 Resp: 144920  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.1 123.1  
192 17.4 13.8 20.8

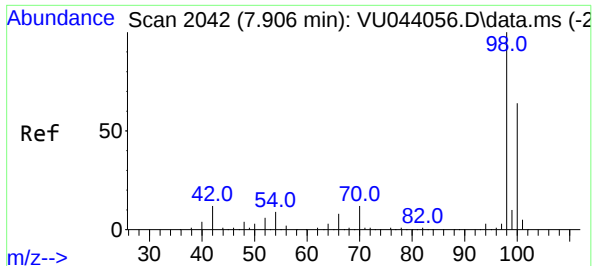


#43

Isopropyl Acetate  
Concen: 3.069 ug/l  
RT: 5.919 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

Tgt Ion: 43 Resp: 25725  
Ion Ratio Lower Upper  
43 100  
61 20.8 16.8 25.2  
87 12.5 10.2 15.2

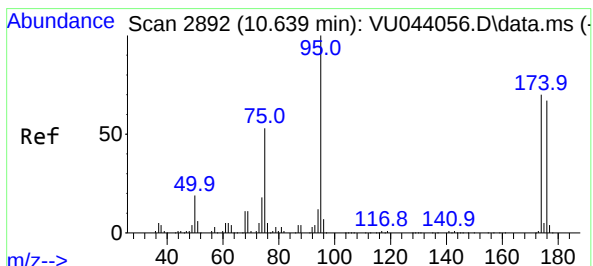
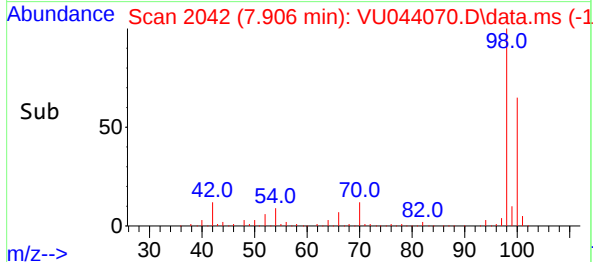
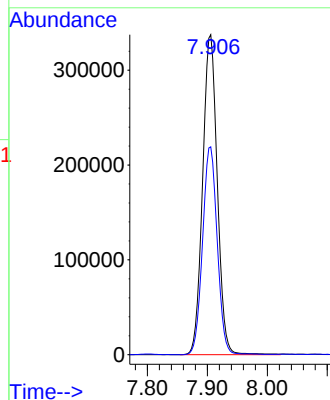
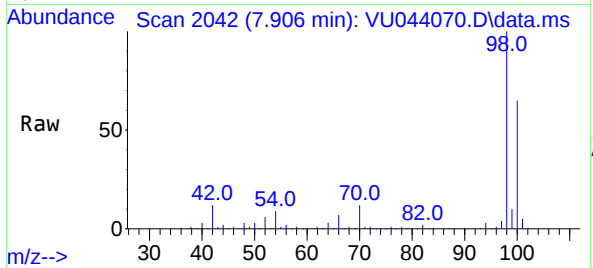




#50  
Toluene-d8  
Concen: 50.035 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

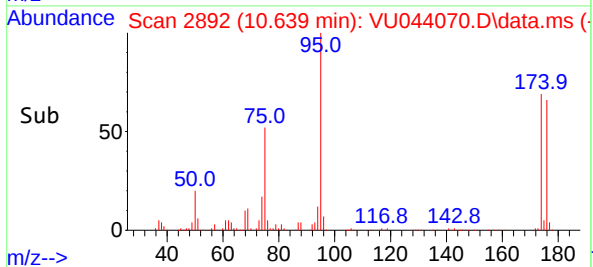
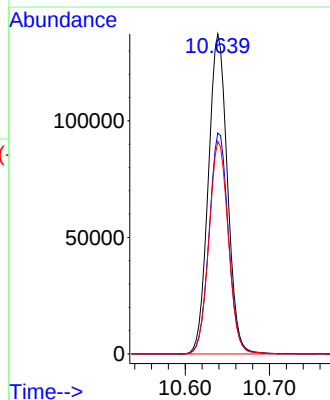
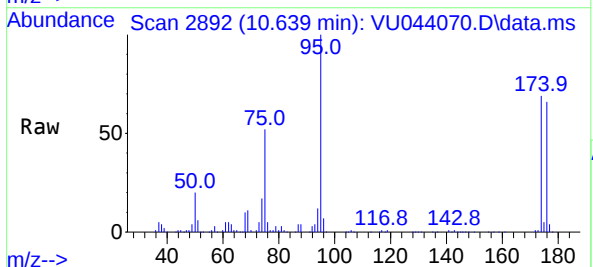
Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(10-14)

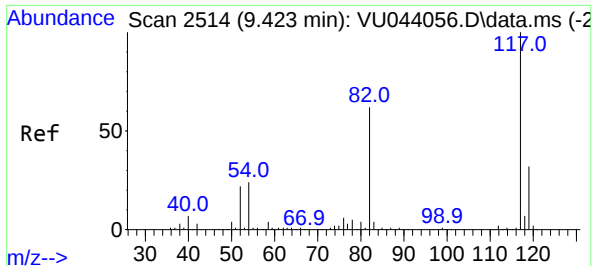
Tgt Ion: 98 Resp: 575303  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.6 77.4



#62  
4-Bromofluorobenzene  
Concen: 47.585 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

Tgt Ion: 95 Resp: 216623  
Ion Ratio Lower Upper  
95 100  
174 69.7 0.0 141.0  
176 67.1 0.0 135.2

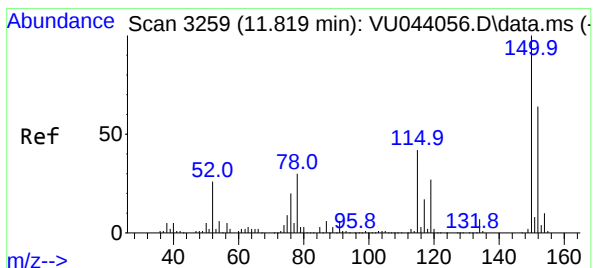
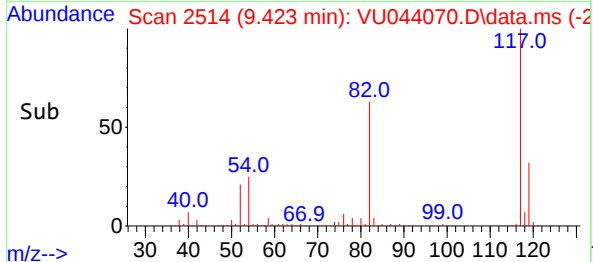
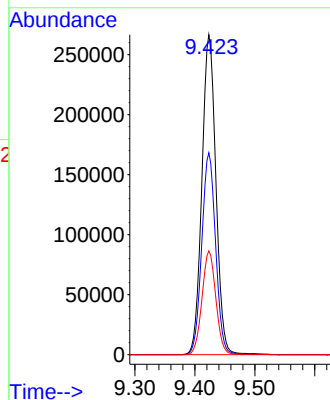
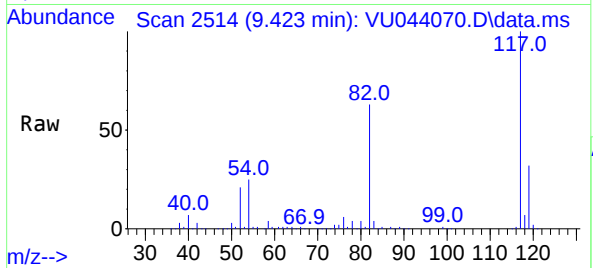




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

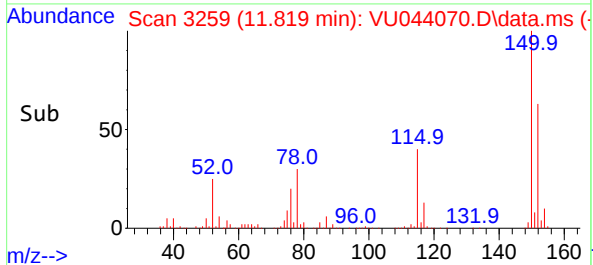
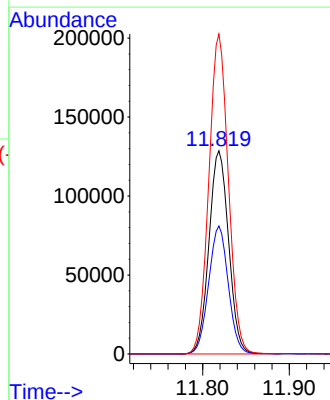
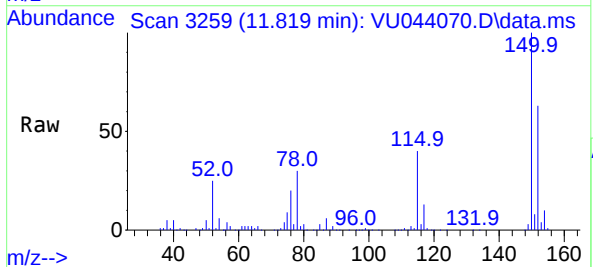
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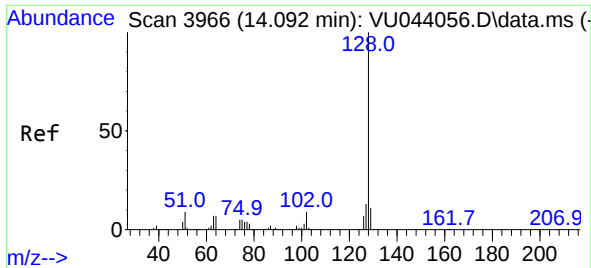
Tgt Ion:117 Resp: 435176  
Ion Ratio Lower Upper  
117 100  
82 63.1 50.0 75.0  
119 32.5 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

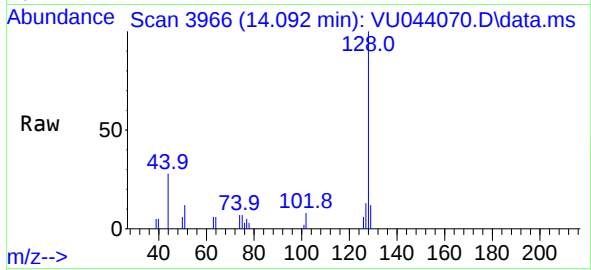
Tgt Ion:152 Resp: 202754  
Ion Ratio Lower Upper  
152 100  
115 63.1 44.6 134.0  
150 156.2 0.0 347.8





#95  
Naphthalene  
Concen: 3.379 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.000 min  
Lab File: VU044070.D  
Acq: 07 Jun 2021 21:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(10-14)



Tgt Ion:128 Resp: 7823  
Ion Ratio Lower Upper  
128 100  
127 12.2 10.2 15.4  
129 11.2 8.7 13.1

