

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060821\  
 Data File : VU044102.D  
 Acq On : 08 Jun 2021 09:57  
 Operator : SY/MD  
 Sample : M2613-25  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 18-B12(130-134)

Quant Time: Jun 08 23:11:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 08 17:38:51 2021  
 Response via : Initial Calibration

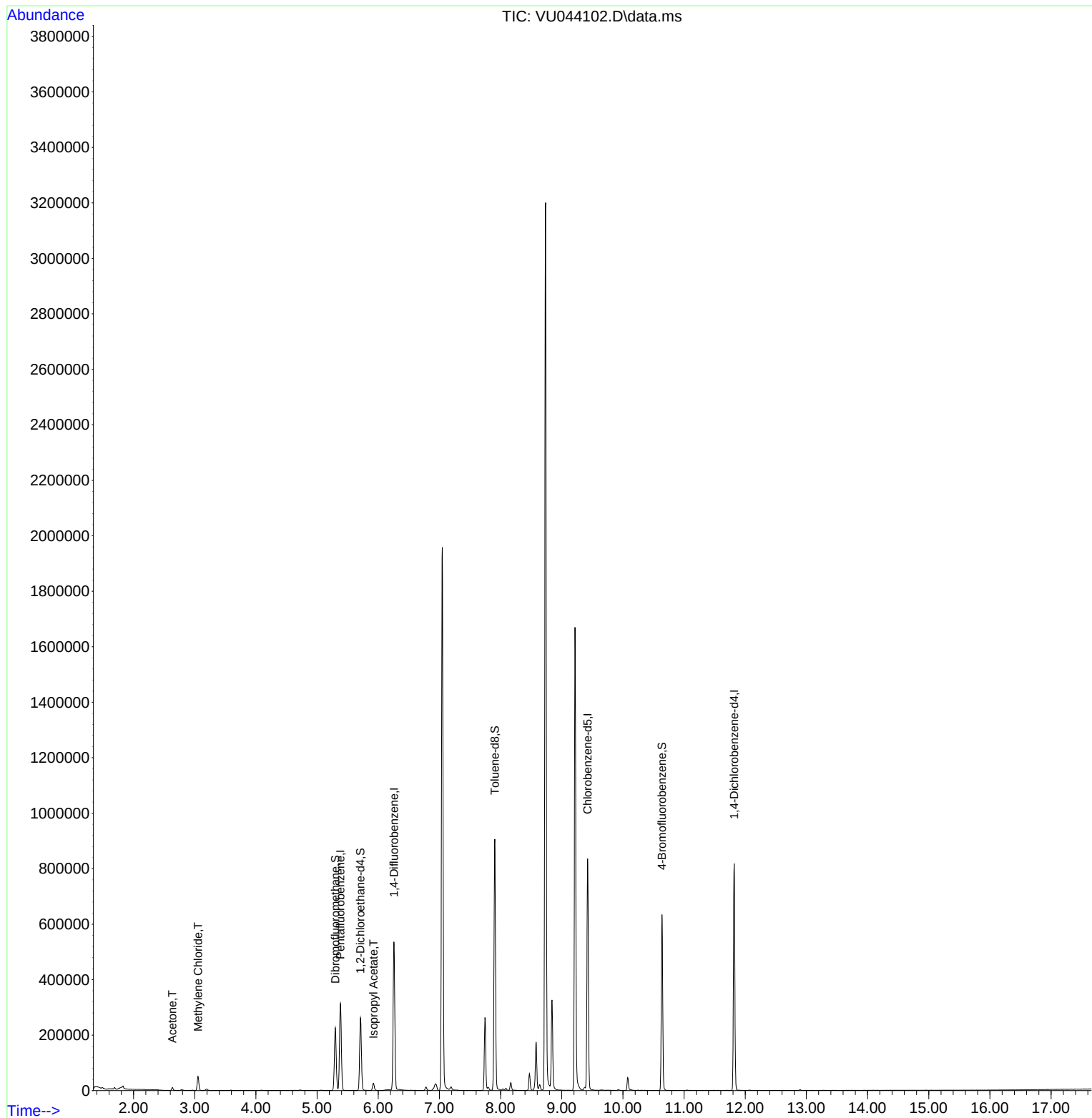
| Compound                    | R.T.   | QIon | Response | Conc       | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------------|-------|----------|
| -----                       |        |      |          |            |       |          |
| Internal Standards          |        |      |          |            |       |          |
| 1) Pentafluorobenzene       | 5.382  | 168  | 204964   | 50.000     | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 409488   | 50.000     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 440948   | 50.000     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 203655   | 50.000     | ug/l  | 0.00     |
| System Monitoring Compounds |        |      |          |            |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 191686   | 53.700     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | = 107.400% |       |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 146792   | 50.234     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | = 100.460% |       |          |
| 50) Toluene-d8              | 7.906  | 98   | 578266   | 51.303     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | = 102.600% |       |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 214940   | 48.165     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | = 96.320%  |       |          |
| Target Compounds            |        |      |          |            |       |          |
|                             |        |      |          |            |       | Qvalue   |
| 16) Acetone                 | 2.633  | 43   | 12274    | 5.958      | ug/l  | 94       |
| 20) Methylene Chloride      | 3.054  | 84   | 24277    | 6.375      | ug/l  | 93       |
| 43) Isopropyl Acetate       | 5.922  | 43   | 27669    | 3.367      | ug/l  | 100      |
| -----                       |        |      |          |            |       |          |

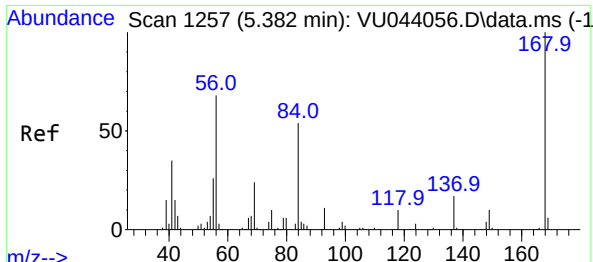
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M2613-25  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(130-134)

Quant Time: Jun 08 23:11:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 08 17:38:51 2021  
Response via : Initial Calibration

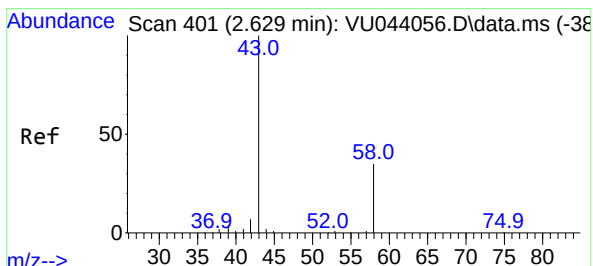
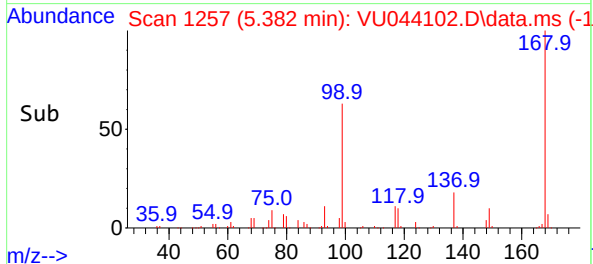
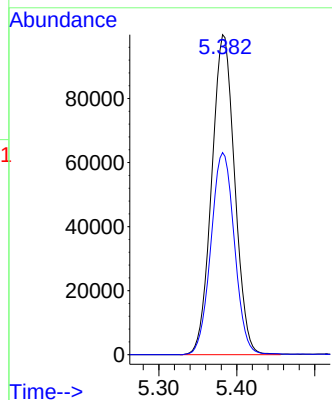
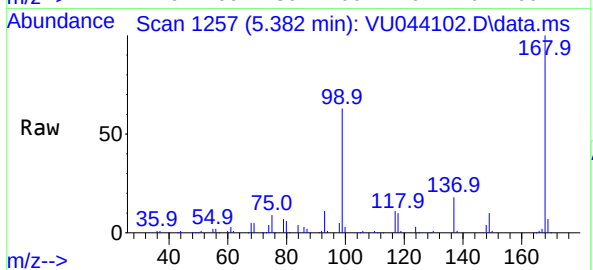




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

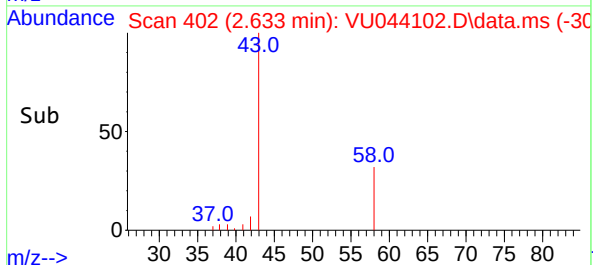
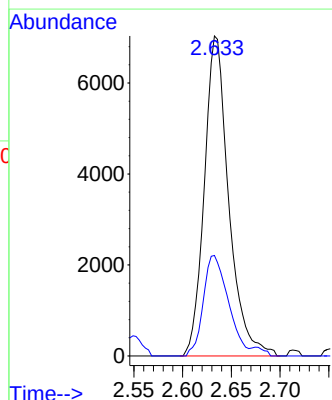
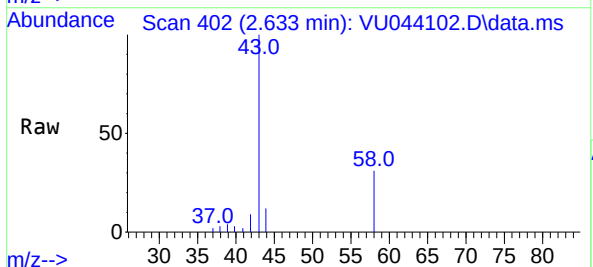
Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(130-134)

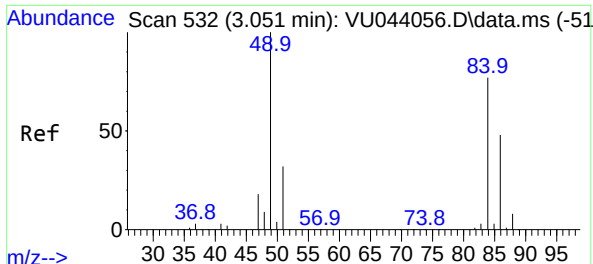
Tgt Ion:168 Resp: 204964  
Ion Ratio Lower Upper  
168 100  
99 63.2 52.6 78.8



#16  
Acetone  
Concen: 5.958 ug/l  
RT: 2.633 min Scan# 402  
Delta R.T. 0.004 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

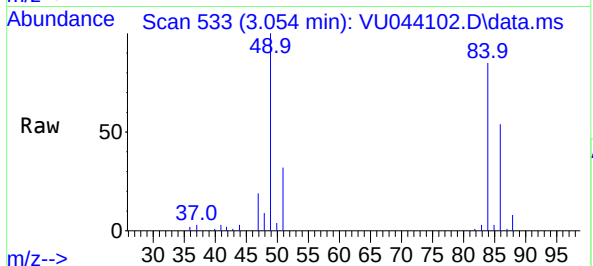
Tgt Ion: 43 Resp: 12274  
Ion Ratio Lower Upper  
43 100  
58 31.4 27.7 41.5





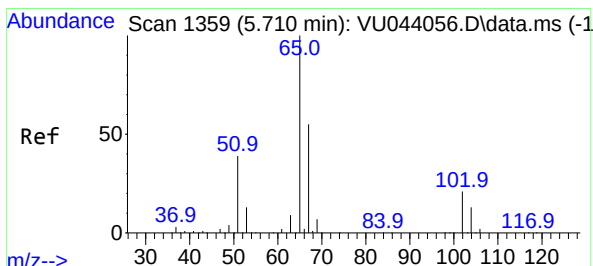
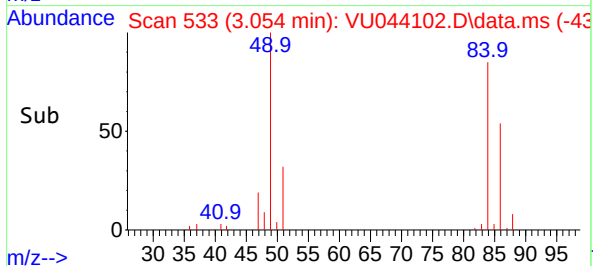
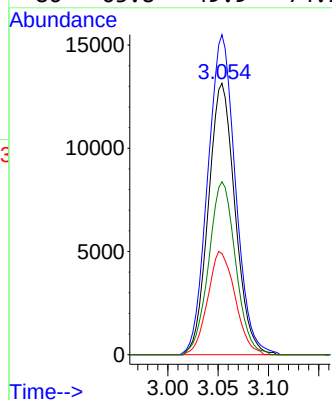
#20  
Methylene Chloride  
Concen: 6.375 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.003 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

Instrument :  
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ClientSampleId :  
18-B12(130-134)



Tgt Ion: 84 Resp: 24277

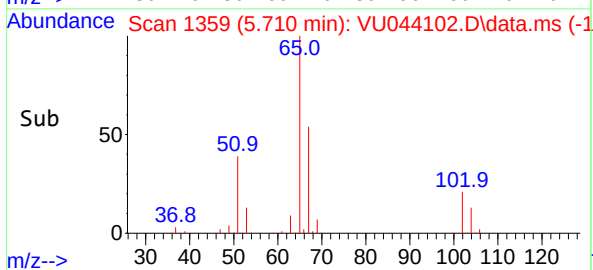
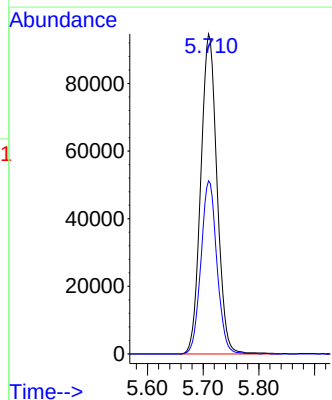
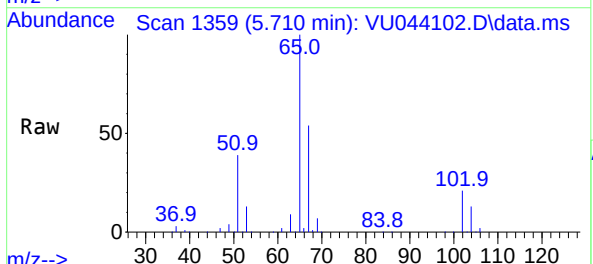
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 118.0 | 103.6 | 155.4 |
| 51  | 37.3  | 32.8  | 49.2  |
| 86  | 63.8  | 49.9  | 74.9  |

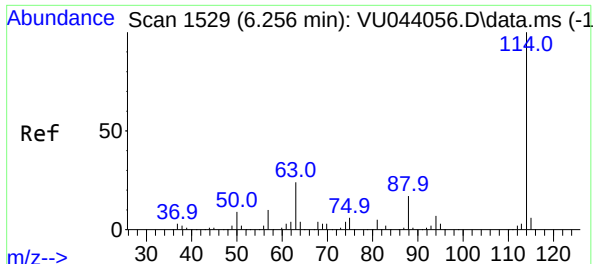


#33  
1,2-Dichloroethane-d4  
Concen: 53.700 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

Tgt Ion: 65 Resp: 191686

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 53.1  | 0.0   | 109.2 |

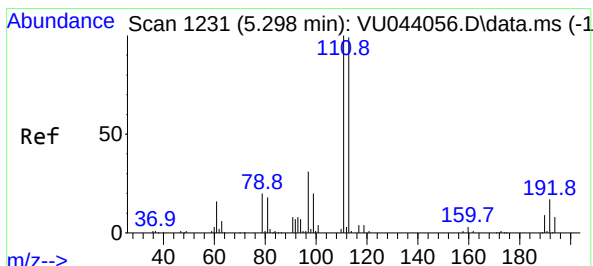
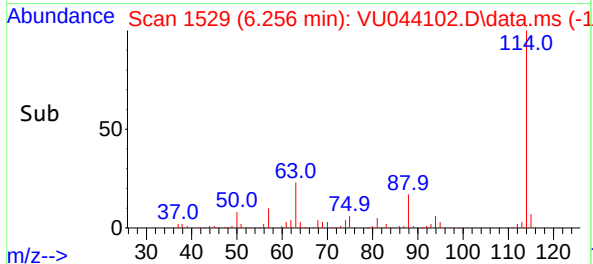
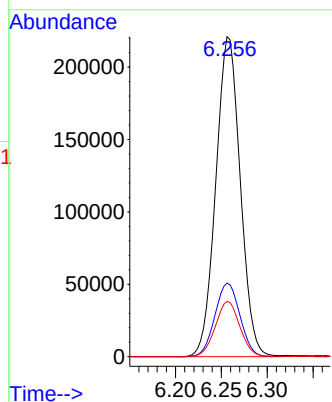
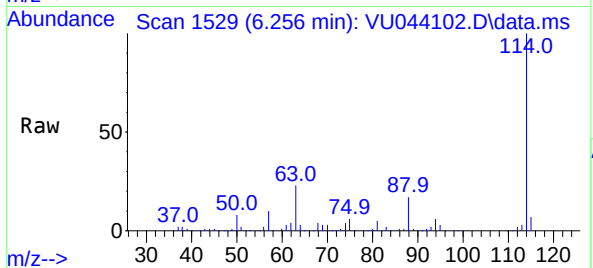




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

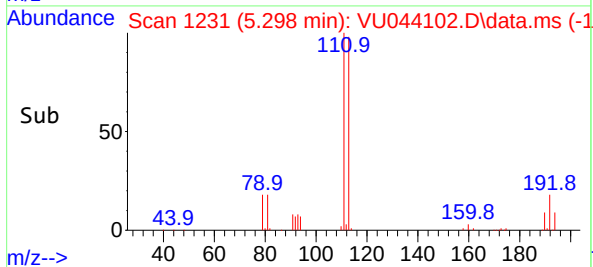
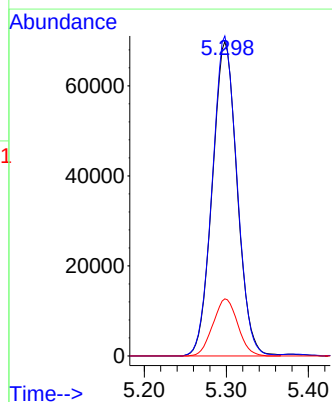
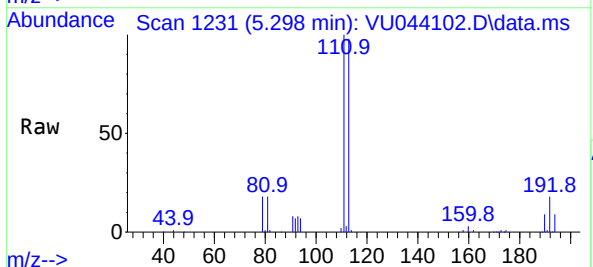
Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(130-134)

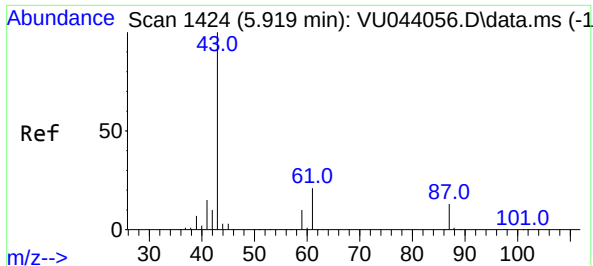
Tgt Ion:114 Resp: 409488  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 48.4  
88 17.3 0.0 34.4



#35  
Dibromofluoromethane  
Concen: 50.234 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

Tgt Ion:113 Resp: 146792  
Ion Ratio Lower Upper  
113 100  
111 101.4 82.1 123.1  
192 18.2 13.8 20.8

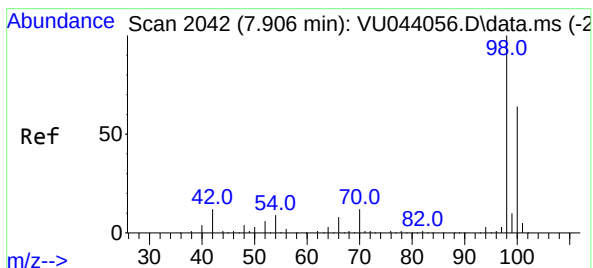
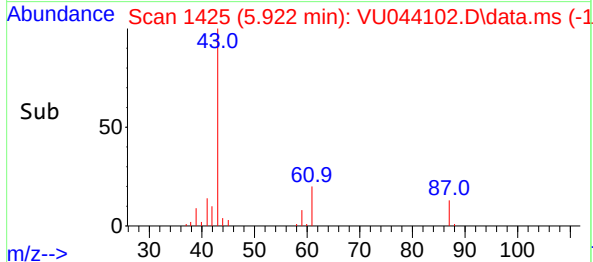
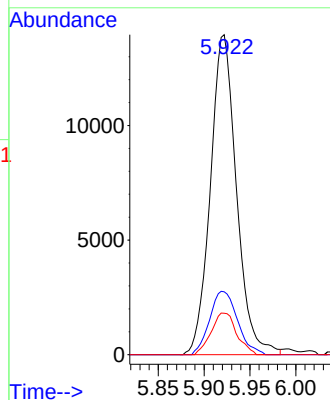
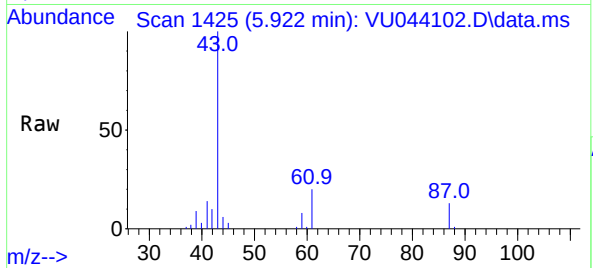




#43  
Isopropyl Acetate  
Concen: 3.367 ug/l  
RT: 5.922 min Scan# 1425  
Delta R.T. 0.003 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

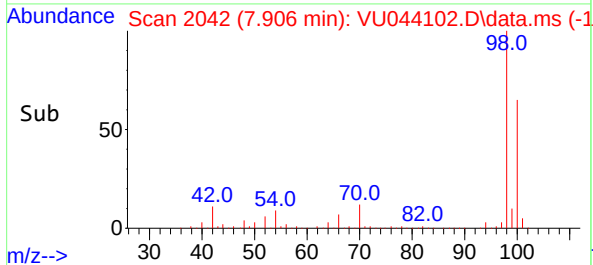
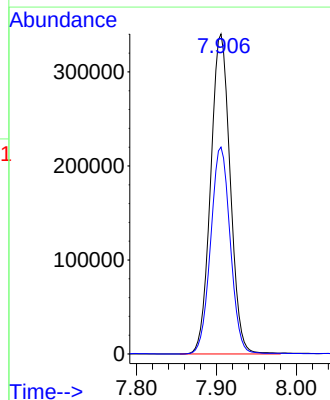
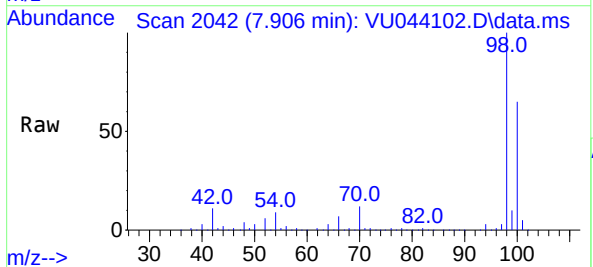
Instrument :  
MSVOA\_U  
ClientSampleId :  
18-B12(130-134)

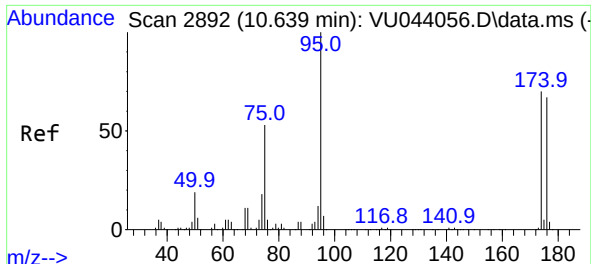
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 27669 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 21.1  | 16.8  | 25.2  |
| 87       | 12.7  | 10.2  | 15.2  |



#50  
Toluene-d8  
Concen: 51.303 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 578266 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.8  | 51.6  | 77.4   |

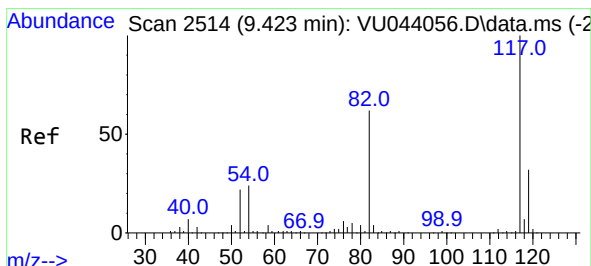
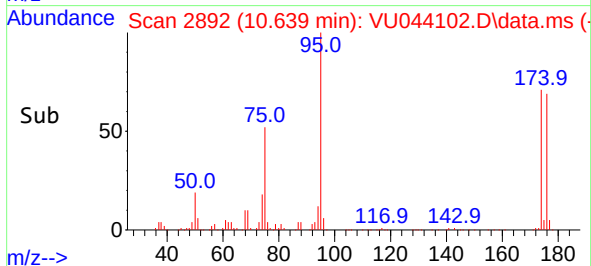
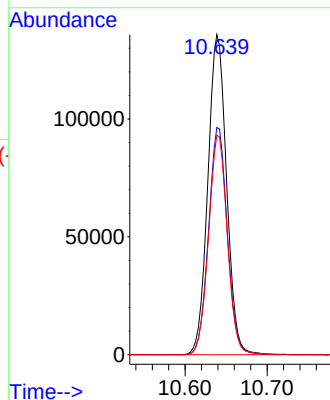
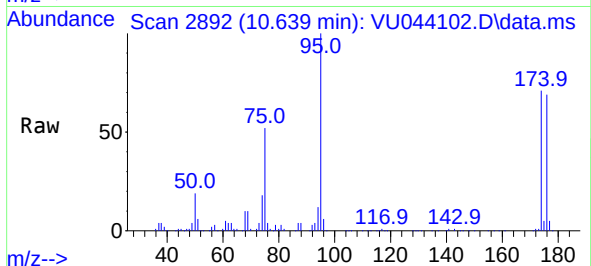




#62  
4-Bromofluorobenzene  
Concen: 48.165 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

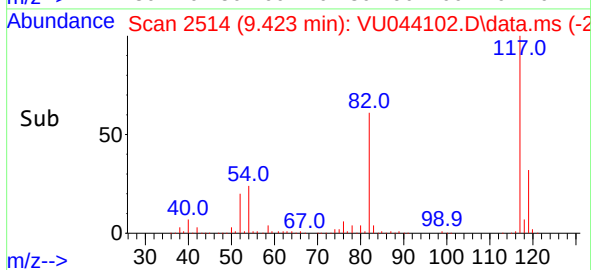
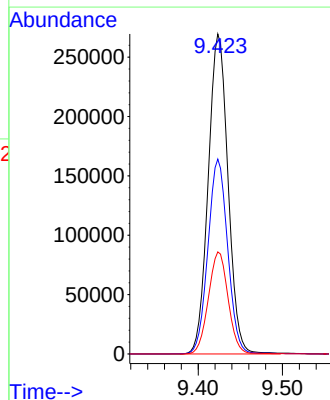
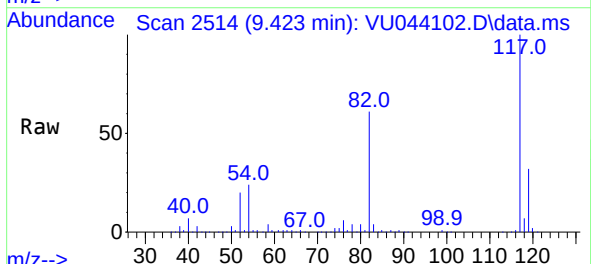
Instrument :  
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18-B12(130-134)

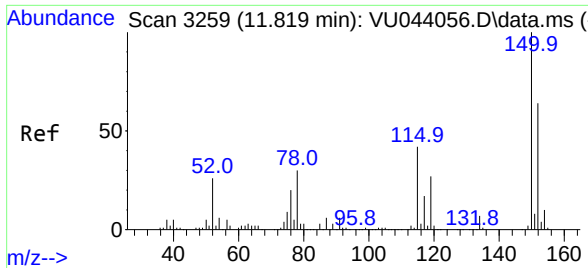
Tgt Ion: 95 Resp: 214940  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 141.0  
176 68.6 0.0 135.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU044102.D  
Acq: 08 Jun 2021 09:57

Tgt Ion: 117 Resp: 440948  
Ion Ratio Lower Upper  
117 100  
82 60.9 50.0 75.0  
119 31.9 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: VU044102.D  
 Acq: 08 Jun 2021 09:57

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Tgt Ion:152 Resp: 203655  
 Ion Ratio Lower Upper  
 152 100  
 115 61.7 44.6 134.0  
 150 157.7 0.0 347.8

