

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060222\  
 Data File : VU048800.D  
 Acq On : 02 Jun 2022 13:48  
 Operator : SY/MD  
 Sample : N3099-05RE  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 20220426-SPLP-AMENDED-COMPOSITE-FRE

Quant Time: Jun 03 01:15:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

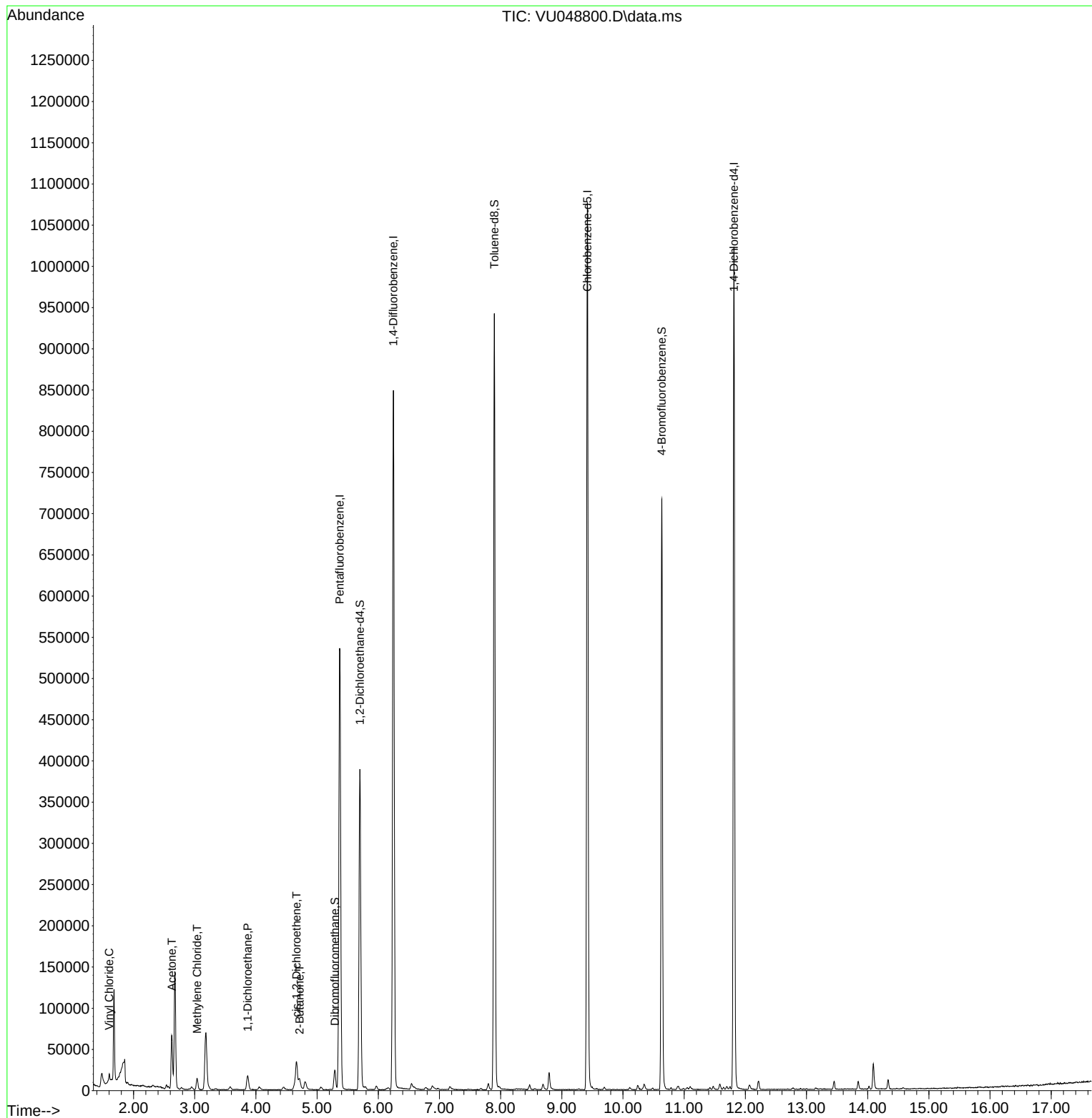
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.369     | 168   | 372217   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.247     | 114   | 685202   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 9.417     | 117   | 598782   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.813    | 152   | 271724   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.700     | 65    | 290798   | 52.021   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 104.040% |
| 35) Dibromofluoromethane    | 5.289     | 113   | 15977    | 3.268    | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 6.540%#  |
| 50) Toluene-d8              | 7.896     | 98    | 622928   | 35.549   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 71.100%# |
| 62) 4-Bromofluorobenzene    | 10.633    | 95    | 245176   | 36.996   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 74.000%# |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 4) Vinyl Chloride           | 1.601     | 62    | 5501     | 1.083    | ug/l  | # 76     |
| 16) Acetone                 | 2.623     | 43    | 73774    | 25.896   | ug/l  | 100      |
| 20) Methylene Chloride      | 3.038     | 84    | 6356     | 1.312    | ug/l  | 92       |
| 24) 1,1-Dichloroethane      | 3.864     | 63    | 20917    | 2.461    | ug/l  | 98       |
| 25) 2-Butanone              | 4.713     | 43    | 20726    | 5.064    | ug/l  | 93       |
| 27) cis-1,2-Dichloroethene  | 4.665     | 96    | 16740    | 3.337    | ug/l  | 88       |
| -----                       |           |       |          |          |       |          |

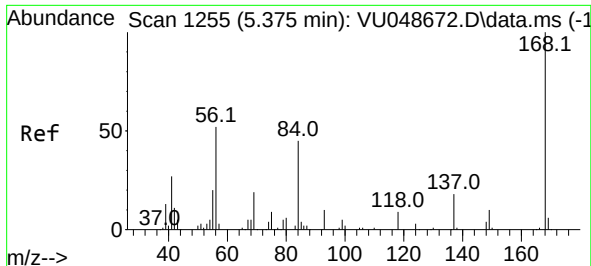
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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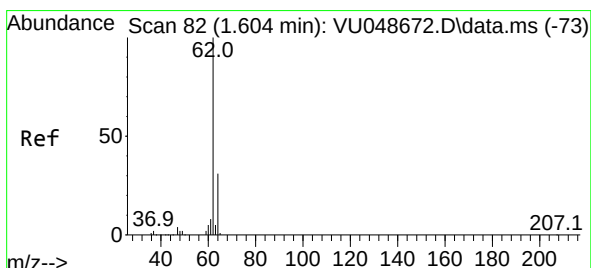
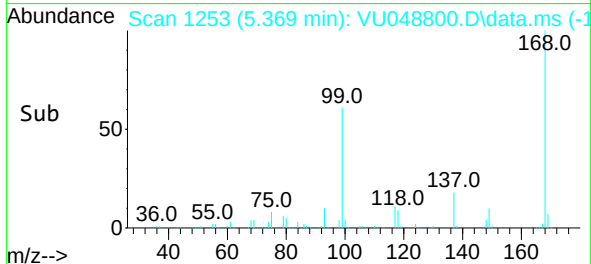
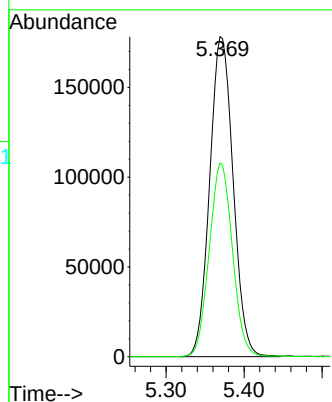
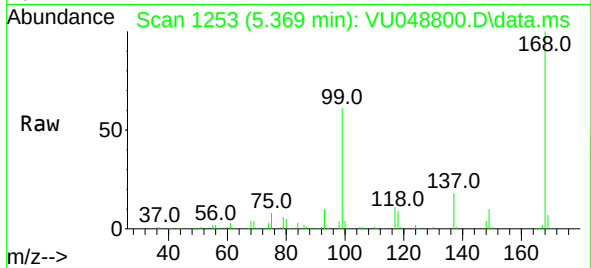




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.369 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

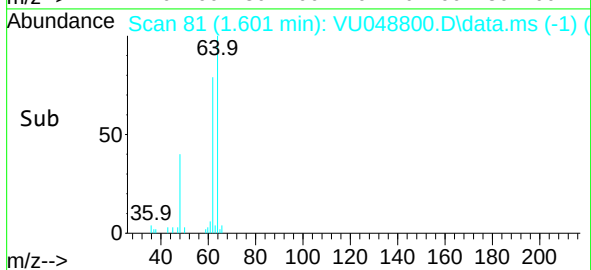
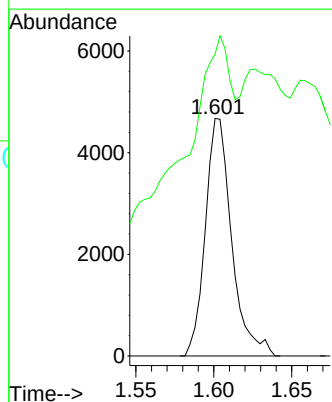
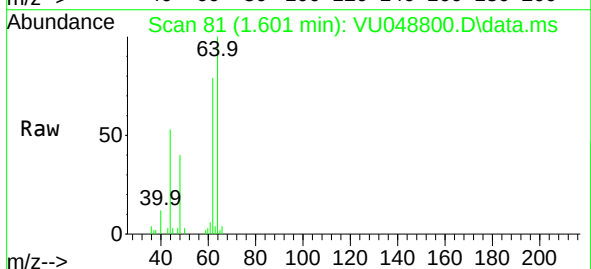
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MSVOA\_U  
ClientSampleId :  
20220426-SPLP-AMENDED-COMPOSITE-FRE

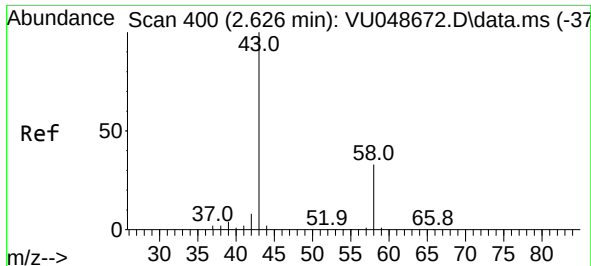
Tgt Ion:168 Resp: 372217  
Ion Ratio Lower Upper  
168 100  
99 60.5 49.3 73.9



#4  
Vinyl Chloride  
Concen: 1.083 ug/l  
RT: 1.601 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

Tgt Ion: 62 Resp: 5501  
Ion Ratio Lower Upper  
62 100  
64 44.5 25.2 37.8#

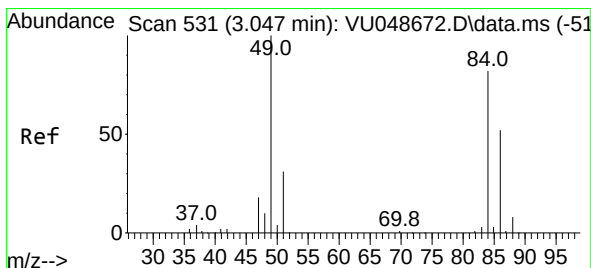
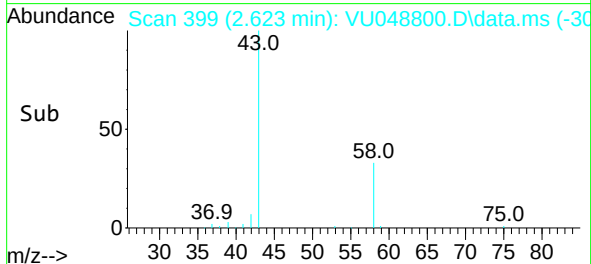
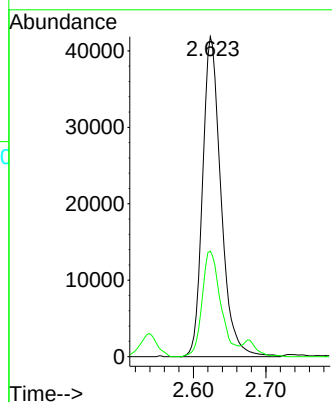
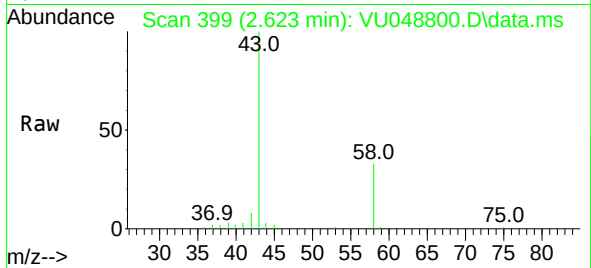




#16  
Acetone  
Concen: 25.896 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

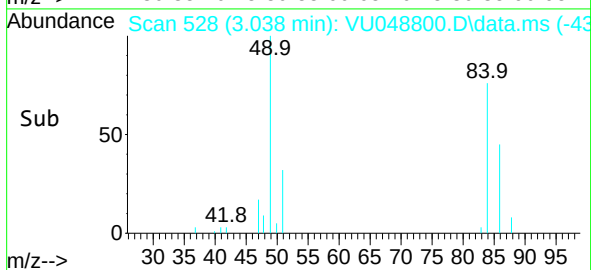
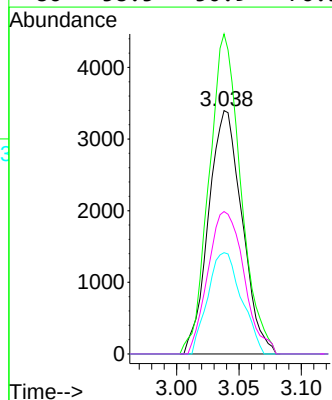
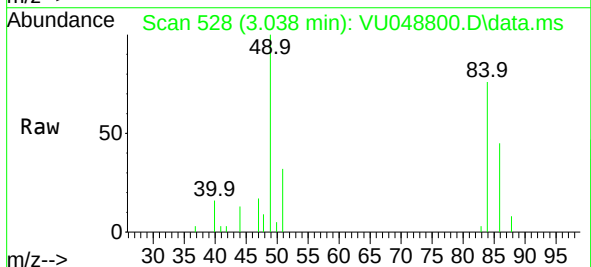
Instrument : MSVOA\_U  
ClientSampleId : 20220426-SPLP-AMENDED-COMPOSITE-FRE

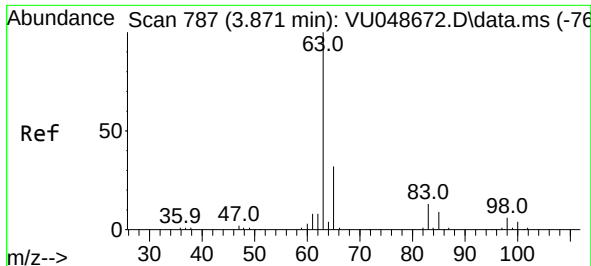
Tgt Ion: 43 Resp: 73774  
Ion Ratio Lower Upper  
43 100  
58 33.0 26.3 39.5



#20  
Methylene Chloride  
Concen: 1.312 ug/l  
RT: 3.038 min Scan# 528  
Delta R.T. -0.009 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

Tgt Ion: 84 Resp: 6356  
Ion Ratio Lower Upper  
84 100  
49 131.5 97.0 145.4  
51 41.6 29.8 44.8  
86 58.5 50.9 76.3

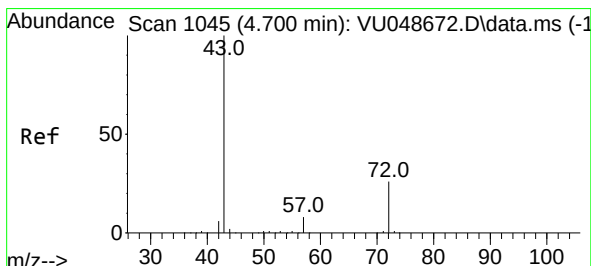
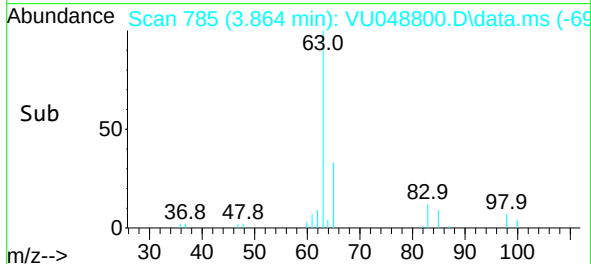
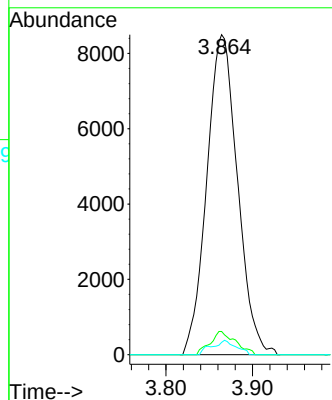
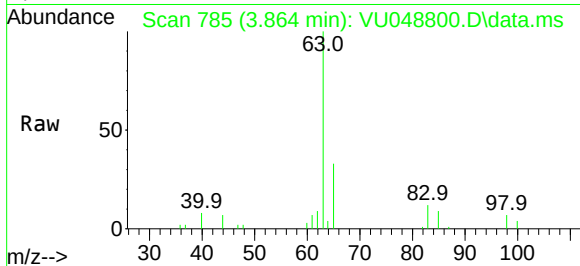




#24  
1,1-Dichloroethane  
Concen: 2.461 ug/l  
RT: 3.864 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

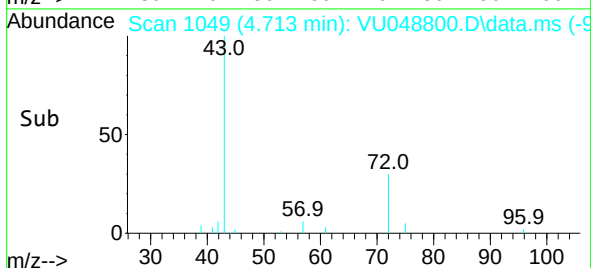
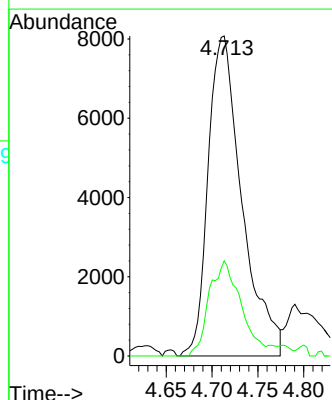
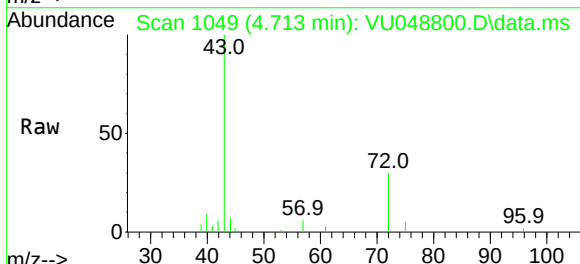
Instrument : MSVOA\_U  
ClientSampleId : 20220426-SPLP-AMENDED-COMPOSITE-FRE

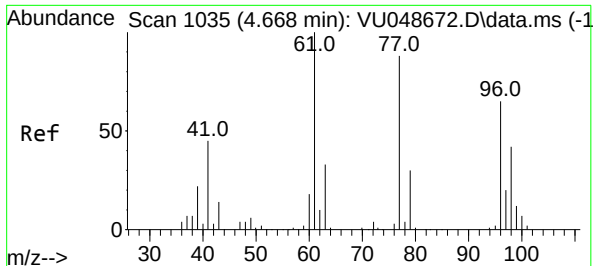
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 20917 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 7.3   | 3.1   | 9.3   |
| 100      | 3.8   | 2.0   | 5.8   |



#25  
2-Butanone  
Concen: 5.064 ug/l  
RT: 4.713 min Scan# 1049  
Delta R.T. 0.013 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 20726 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 29.8  | 21.1  | 31.7  |

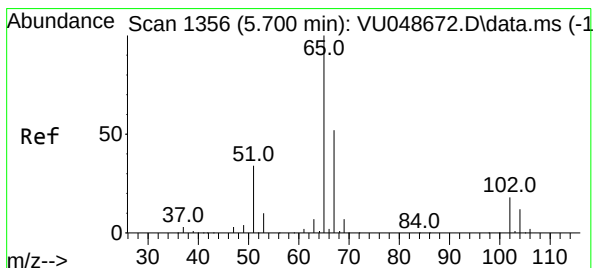
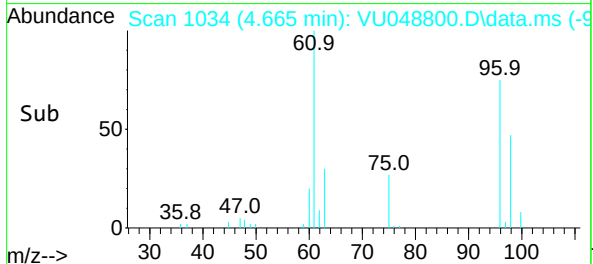
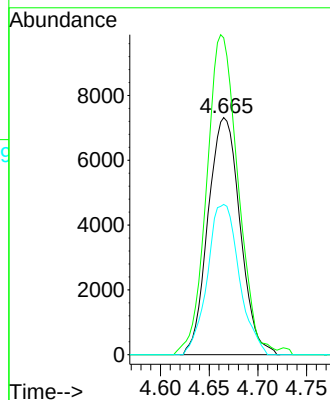
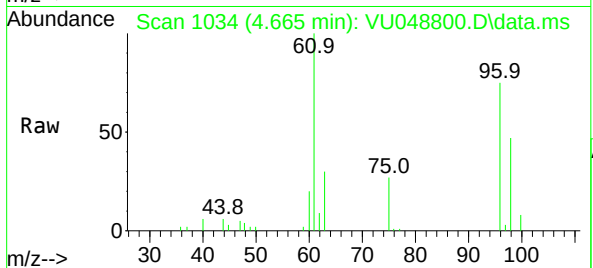




#27  
 cis-1,2-Dichloroethene  
 Concen: 3.337 ug/l  
 RT: 4.665 min Scan# 1035  
 Delta R.T. -0.003 min  
 Lab File: VU048800.D  
 Acq: 02 Jun 2022 13:48

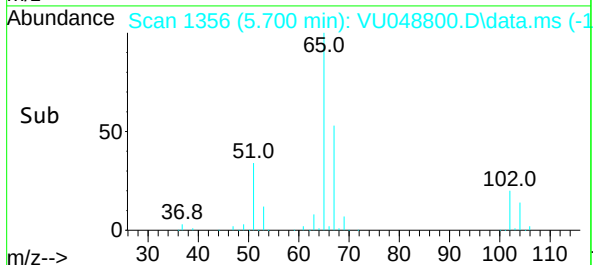
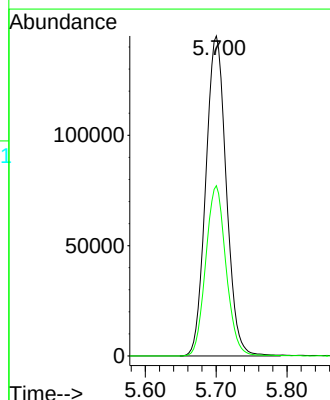
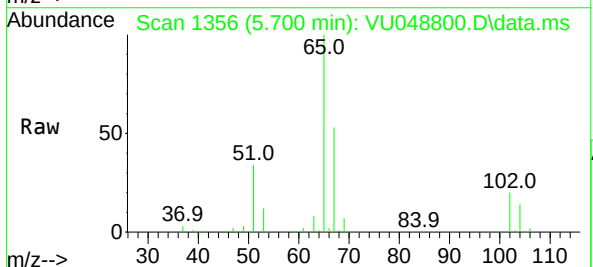
Instrument : MSVOA\_U  
 ClientSampleId : 20220426-SPLP-AMENDED-COMPOSITE-FRE

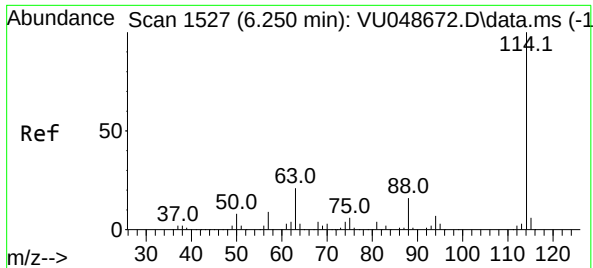
Tgt Ion: 96 Resp: 16740  
 Ion Ratio Lower Upper  
 96 100  
 61 132.0 0.0 306.2  
 98 62.7 0.0 130.4



#33  
 1,2-Dichloroethane-d4  
 Concen: 52.021 ug/l  
 RT: 5.700 min Scan# 1356  
 Delta R.T. 0.000 min  
 Lab File: VU048800.D  
 Acq: 02 Jun 2022 13:48

Tgt Ion: 65 Resp: 290798  
 Ion Ratio Lower Upper  
 65 100  
 67 52.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048800.D

Acq: 02 Jun 2022 13:48

Instrument :

MSVOA\_U

ClientSampleId :

20220426-SPLP-AMENDED-COMPOSITE-FRE

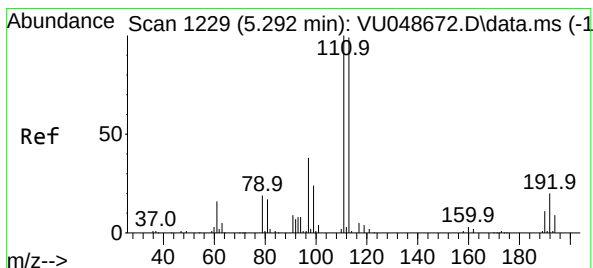
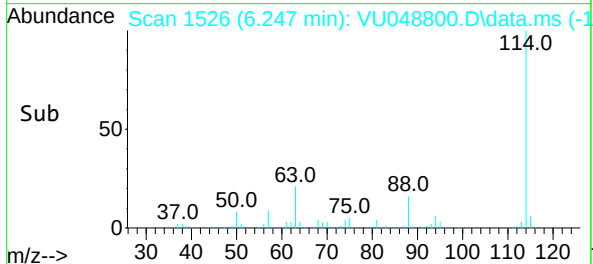
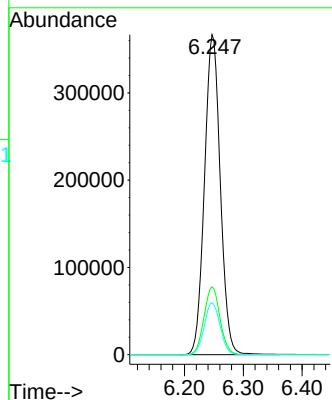
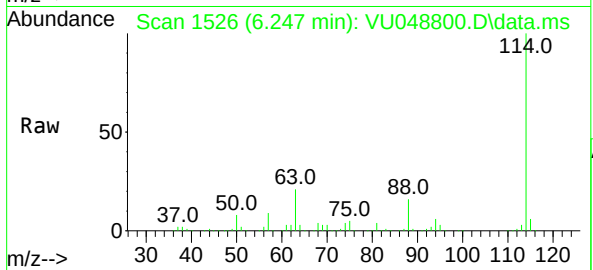
Tgt Ion:114 Resp: 685202

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 3.268 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048800.D

Acq: 02 Jun 2022 13:48

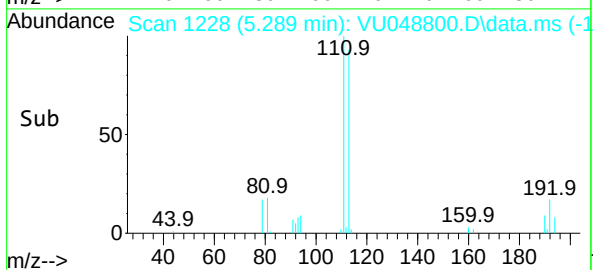
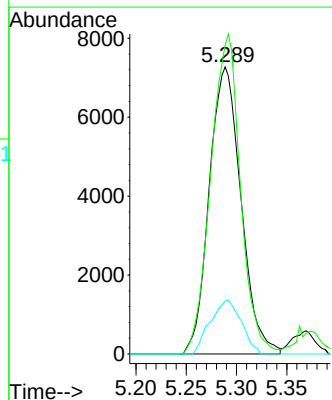
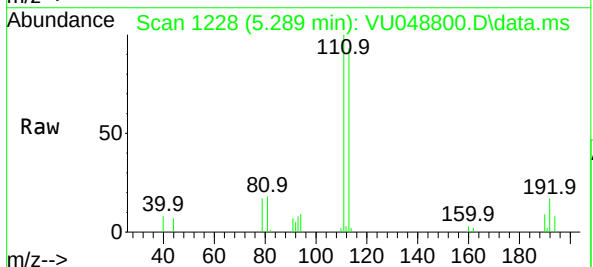
Tgt Ion:113 Resp: 15977

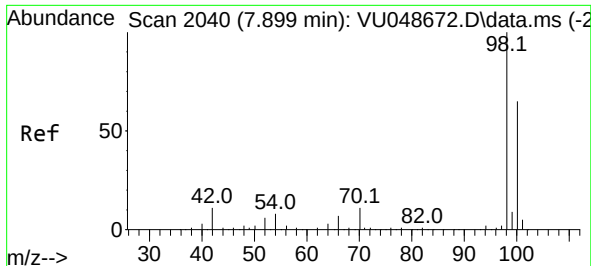
Ion Ratio Lower Upper

113 100

111 104.2 80.7 121.1

192 18.3 15.9 23.9

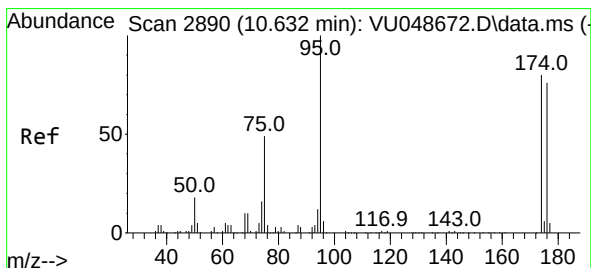
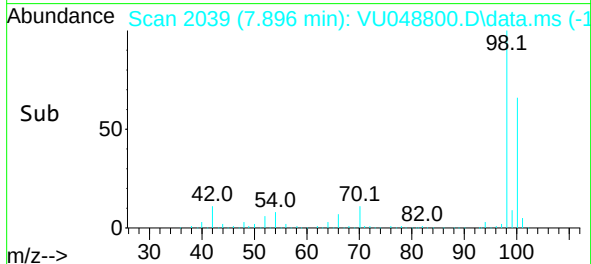
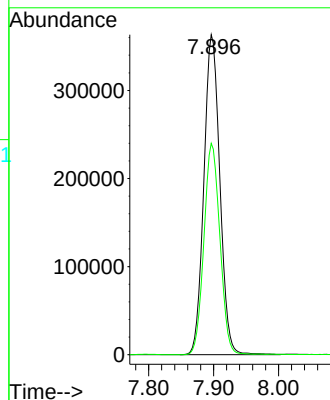
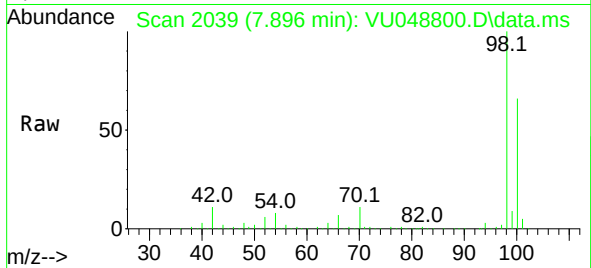




#50  
Toluene-d8  
Concen: 35.549 ug/l  
RT: 7.896 min Scan# 2040  
Delta R.T. -0.003 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

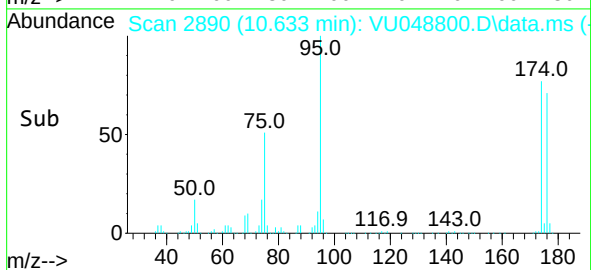
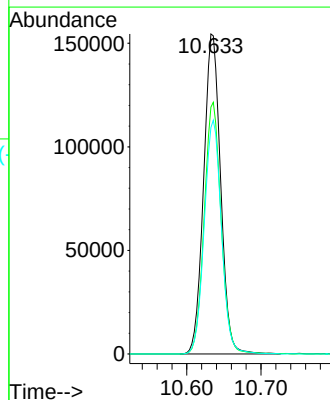
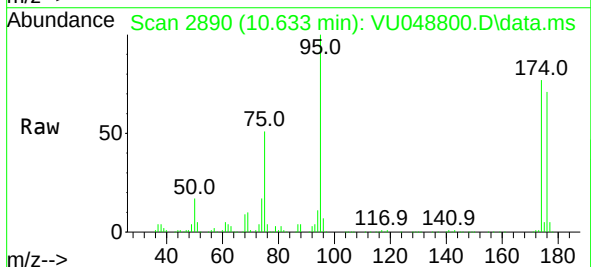
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Tgt Ion: 98 Resp: 622928  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.2 78.4

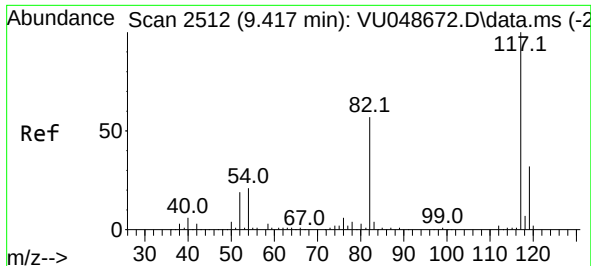


#62  
4-Bromofluorobenzene  
Concen: 36.996 ug/l  
RT: 10.633 min Scan# 2890  
Delta R.T. 0.000 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

Tgt Ion: 95 Resp: 245176  
Ion Ratio Lower Upper  
95 100  
174 78.2 0.0 159.4  
176 73.9 0.0 152.4



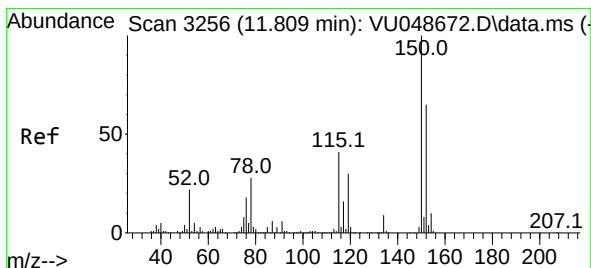
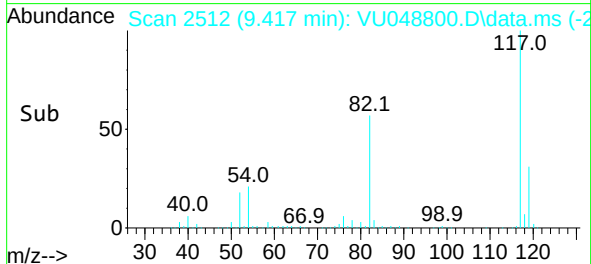
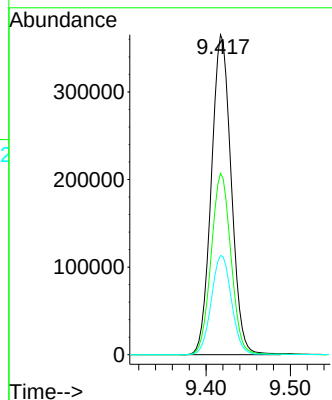
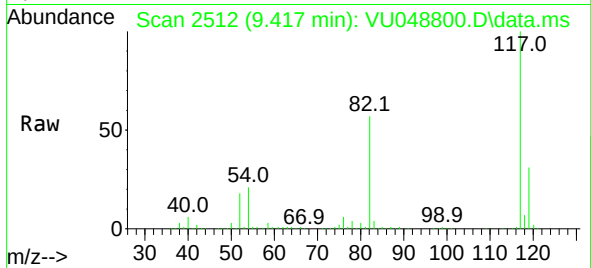




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

Instrument :  
MSVOA\_U  
ClientSampleId :  
20220426-SPLP-AMENDED-COMPOSITE-FRE

Tgt Ion:117 Resp: 598782  
Ion Ratio Lower Upper  
117 100  
82 56.6 45.3 67.9  
119 31.0 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.813 min Scan# 3257  
Delta R.T. 0.003 min  
Lab File: VU048800.D  
Acq: 02 Jun 2022 13:48

Tgt Ion:152 Resp: 271724  
Ion Ratio Lower Upper  
152 100  
115 60.8 41.8 125.4  
150 157.0 0.0 341.0

