

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060122\  
 Data File : VU048789.D  
 Acq On : 01 Jun 2022 18:53  
 Operator : SY/MD  
 Sample : N3099-06RE  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0603

Quant Time: Jun 02 05:07:44 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

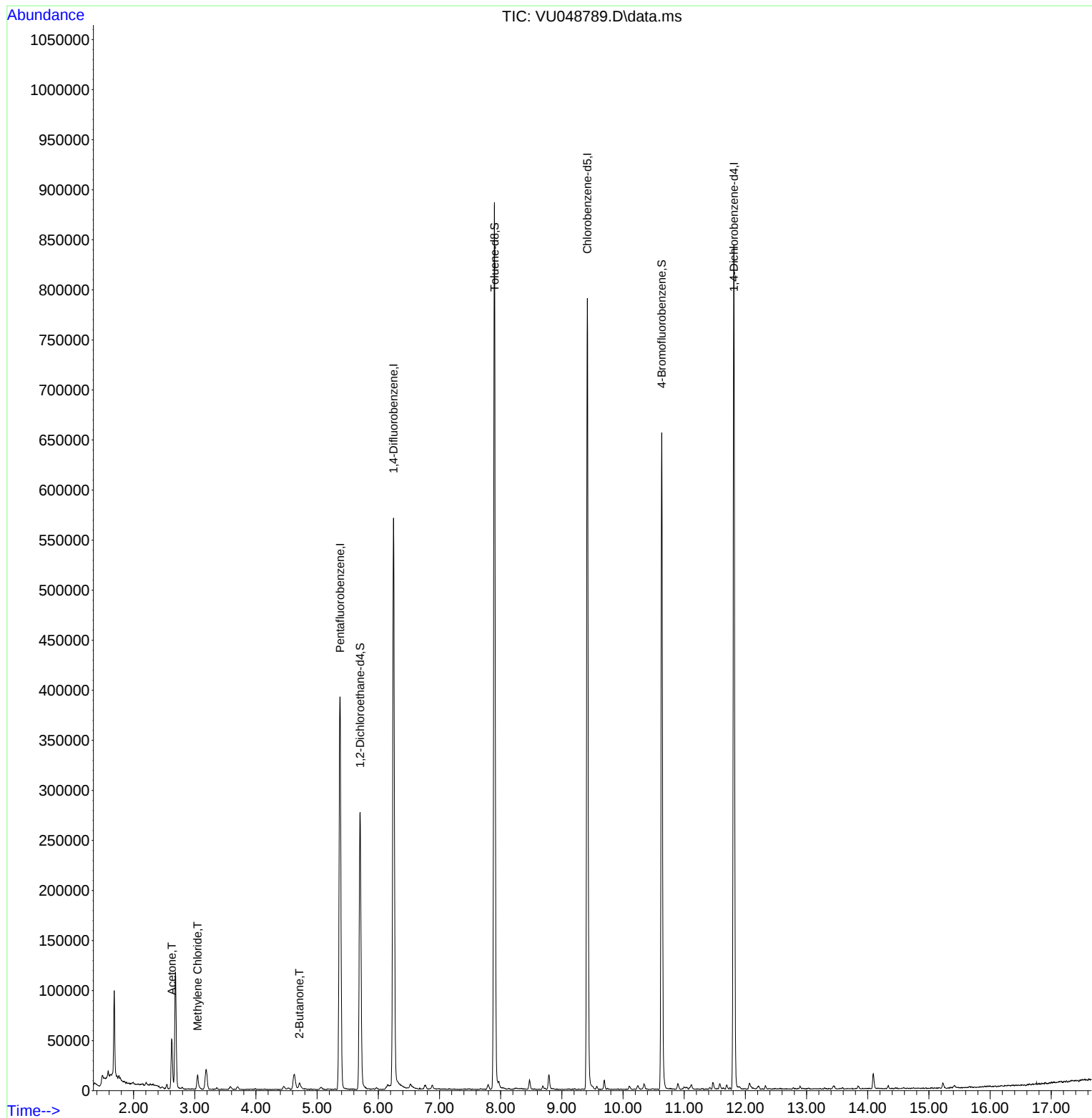
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.375     | 168   | 274565   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.250     | 114   | 467365   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 9.417     | 117   | 440589   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812    | 152   | 221372   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.703     | 65    | 213207   | 51.706   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 103.420% |
| 35) Dibromofluoromethane    | 5.289     | 113   | 262      | 0.079    | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 0.160%#  |
| 50) Toluene-d8              | 7.899     | 98    | 596350   | 49.895   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 99.780%  |
| 62) 4-Bromofluorobenzene    | 10.632    | 95    | 226074   | 50.014   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 100.020% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.623     | 43    | 56063    | 26.679   | ug/l  | 97       |
| 20) Methylene Chloride      | 3.044     | 84    | 6492     | 1.817    | ug/l  | 93       |
| 25) 2-Butanone              | 4.710     | 43    | 10019    | 3.319    | ug/l  | 95       |
| -----                       |           |       |          |          |       |          |

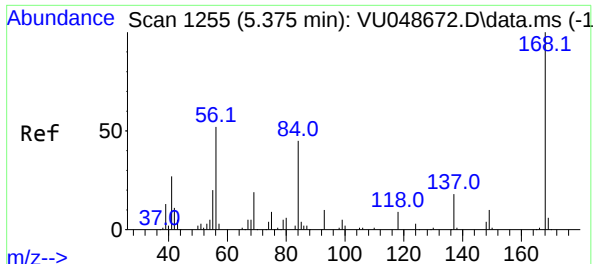
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 27 06:42:31 2022  
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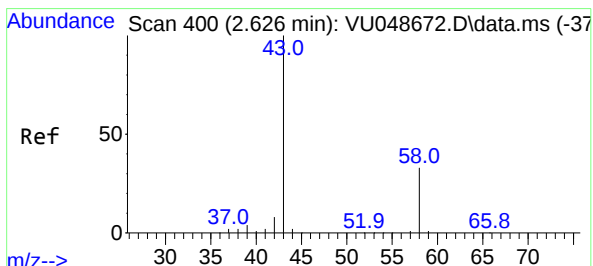
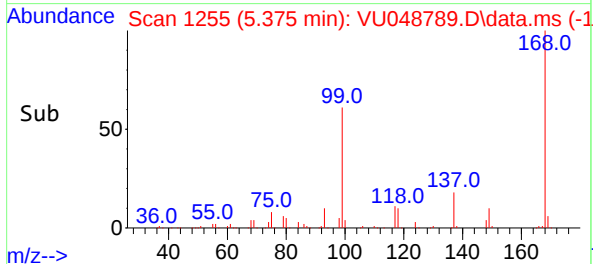
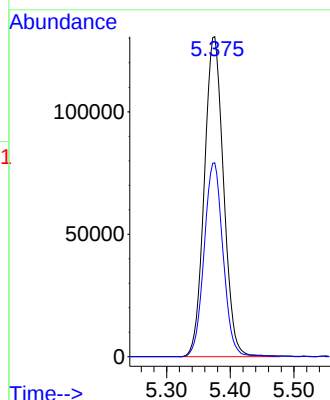
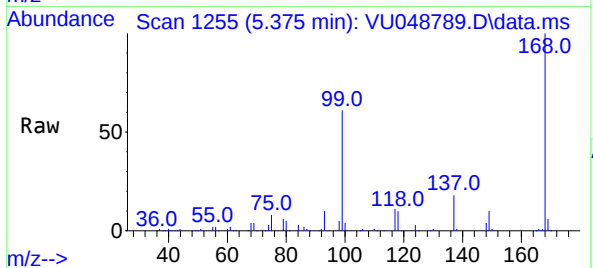




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU048789.D  
Acq: 01 Jun 2022 18:53

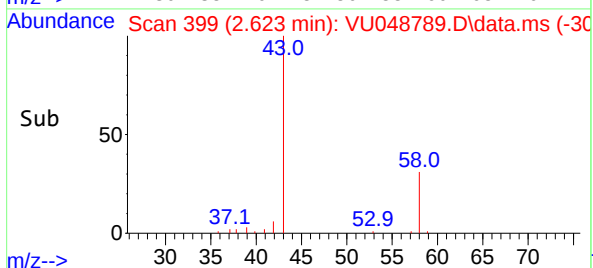
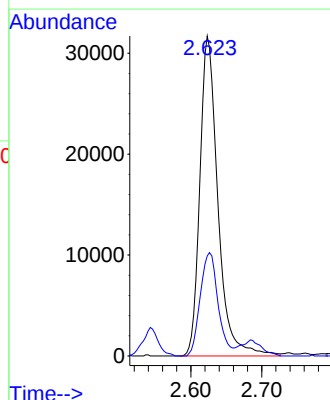
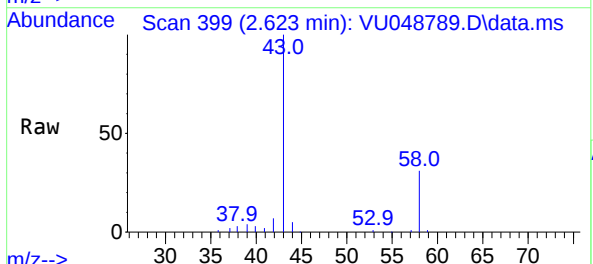
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0603

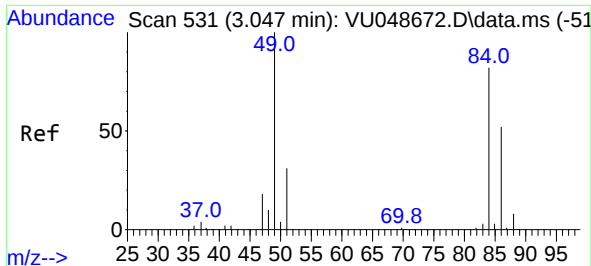
Tgt Ion:168 Resp: 274565  
Ion Ratio Lower Upper  
168 100  
99 60.6 49.3 73.9



#16  
Acetone  
Concen: 26.679 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU048789.D  
Acq: 01 Jun 2022 18:53

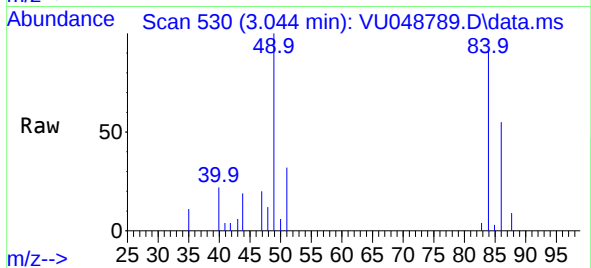
Tgt Ion: 43 Resp: 56063  
Ion Ratio Lower Upper  
43 100  
58 31.3 26.3 39.5





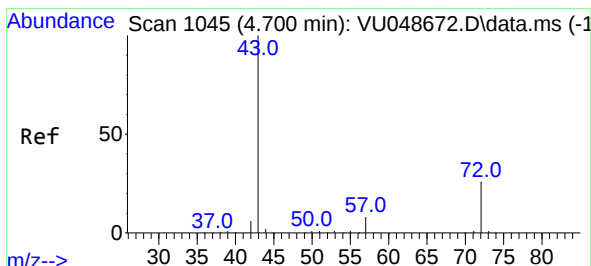
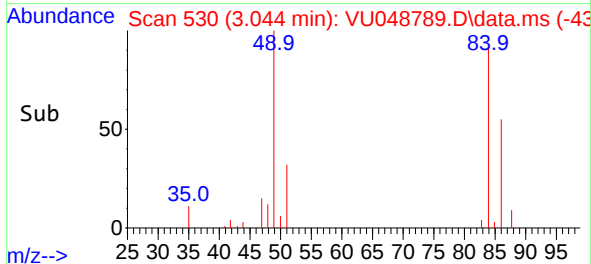
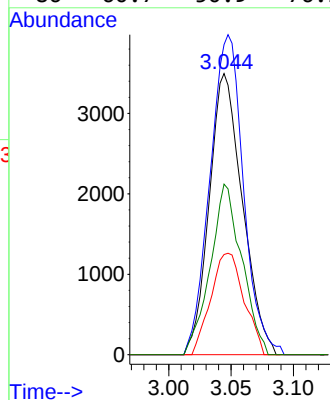
#20  
Methylene Chloride  
Concen: 1.817 ug/l  
RT: 3.044 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU048789.D  
Acq: 01 Jun 2022 18:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0603



Tgt Ion: 84 Resp: 6492

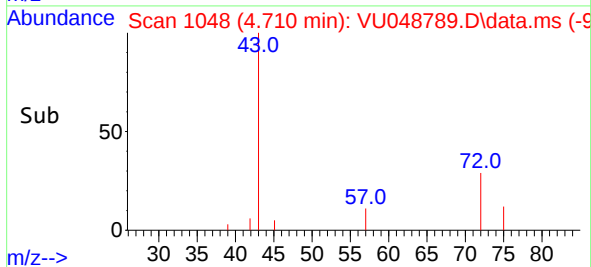
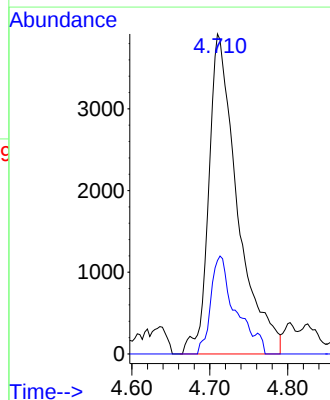
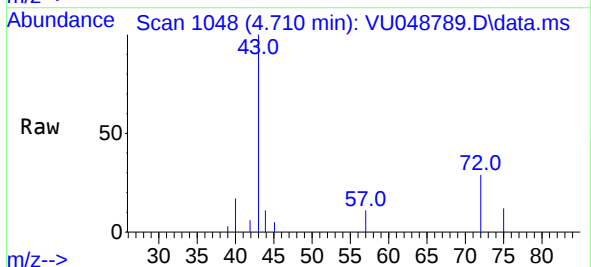
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 110.3 | 97.0  | 145.4 |
| 51  | 35.6  | 29.8  | 44.8  |
| 86  | 60.7  | 50.9  | 76.3  |

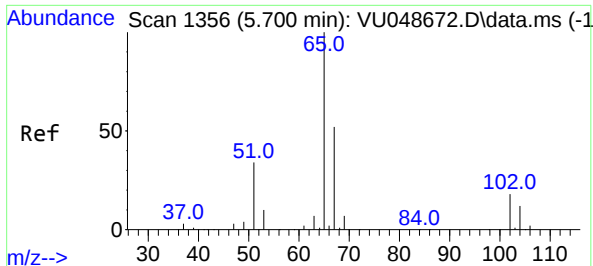


#25  
2-Butanone  
Concen: 3.319 ug/l  
RT: 4.710 min Scan# 1048  
Delta R.T. 0.010 min  
Lab File: VU048789.D  
Acq: 01 Jun 2022 18:53

Tgt Ion: 43 Resp: 10019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 29.2  | 21.1  | 31.7  |





#33

1,2-Dichloroethane-d4

Concen: 51.706 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048789.D

Acq: 01 Jun 2022 18:53

Instrument :

MSVOA\_U

ClientSampleId :

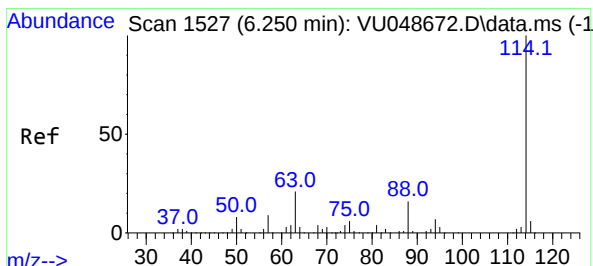
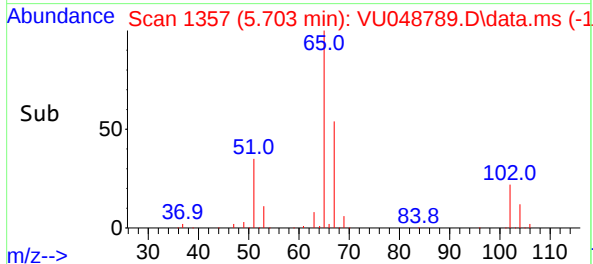
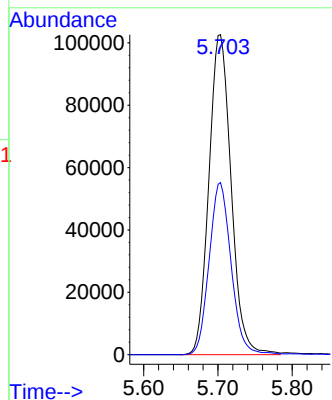
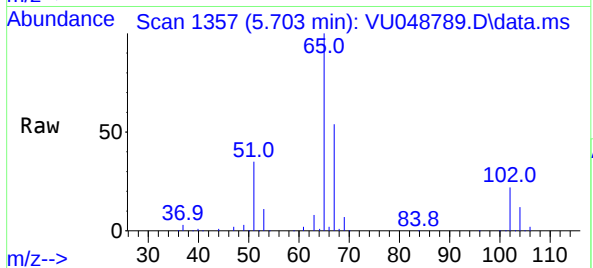
VU0603

Tgt Ion: 65 Resp: 213207

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048789.D

Acq: 01 Jun 2022 18:53

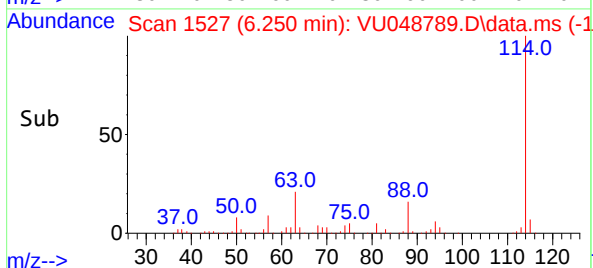
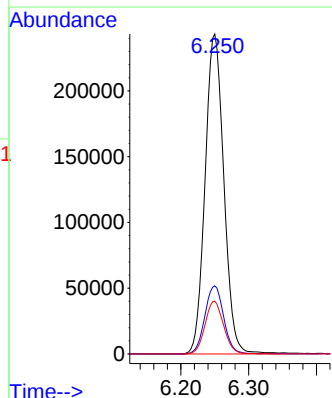
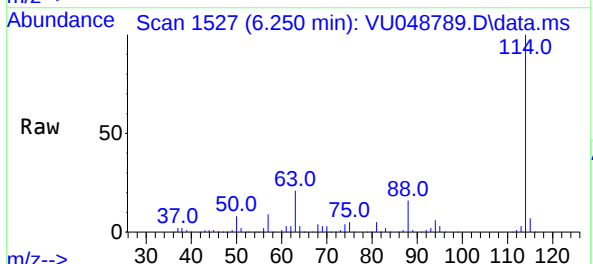
Tgt Ion: 114 Resp: 467365

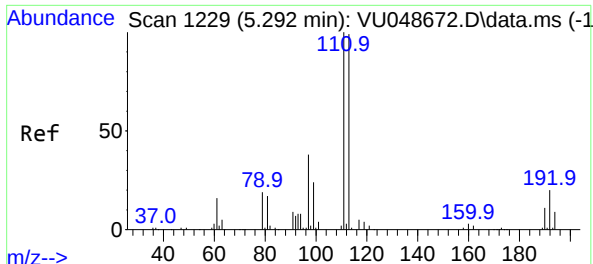
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

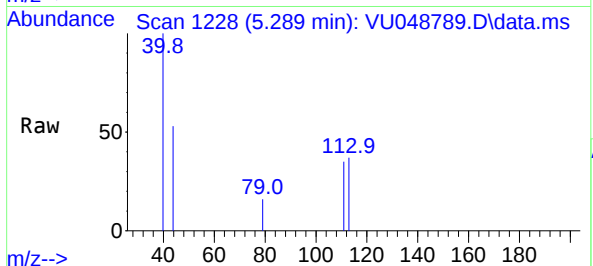
88 16.5 0.0 32.2



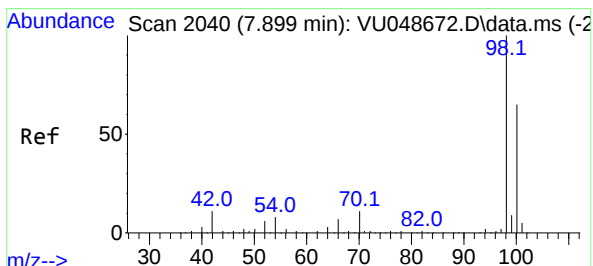
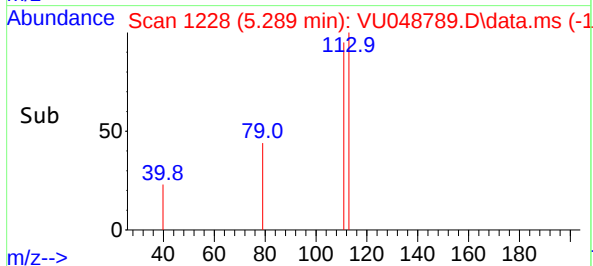
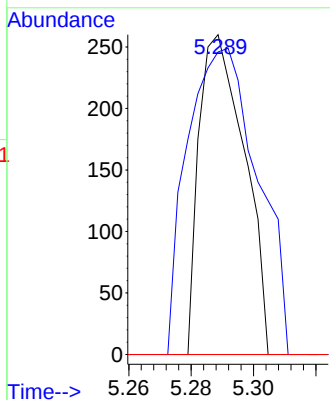


#35  
Dibromofluoromethane  
Concen: 0.079 ug/l  
RT: 5.289 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048789.D  
Acq: 01 Jun 2022 18:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0603

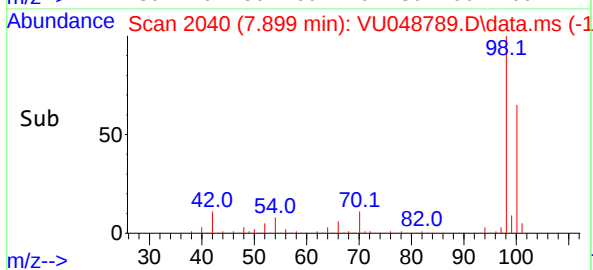
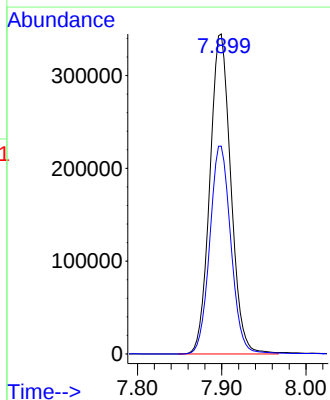
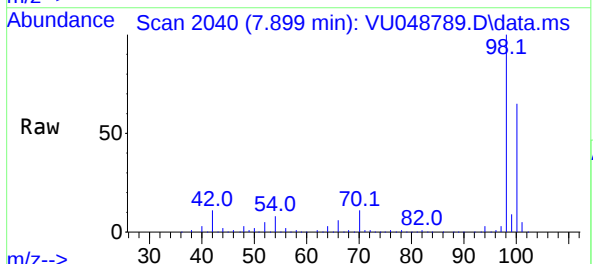


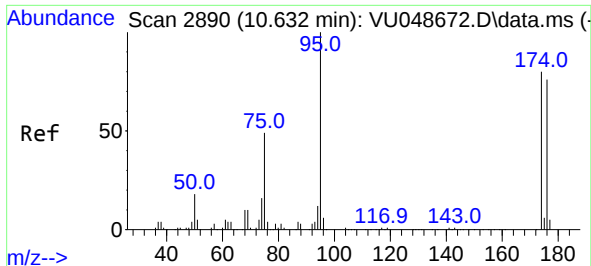
Tgt Ion:113 Resp: 262  
Ion Ratio Lower Upper  
113 100  
111 148.1 80.7 121.1#  
192 0.0 15.9 23.9#



#50  
Toluene-d8  
Concen: 49.895 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VU048789.D  
Acq: 01 Jun 2022 18:53

Tgt Ion: 98 Resp: 596350  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.2 78.4

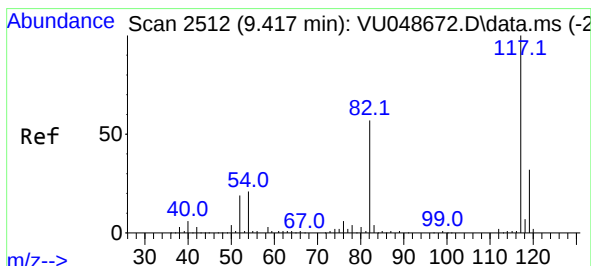
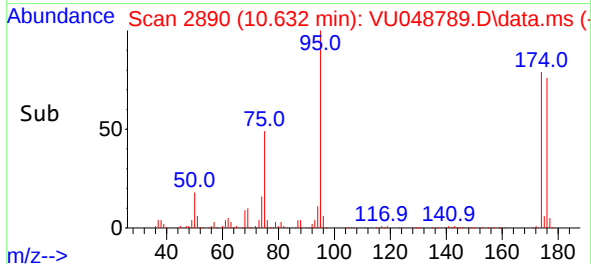
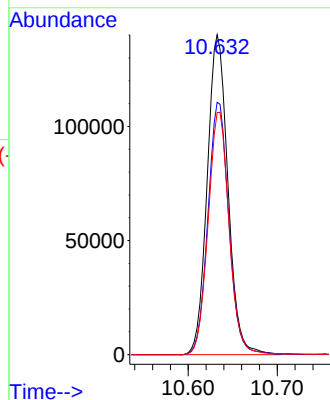
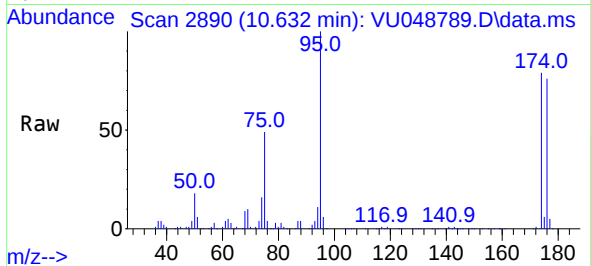




#62  
4-Bromofluorobenzene  
Concen: 50.014 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048789.D  
Acq: 01 Jun 2022 18:53

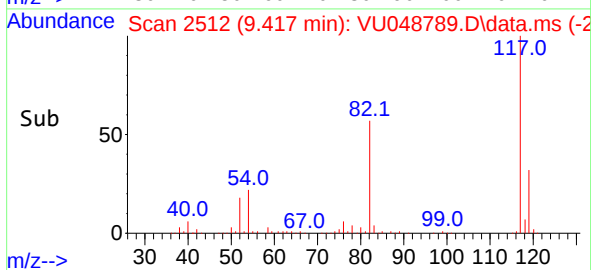
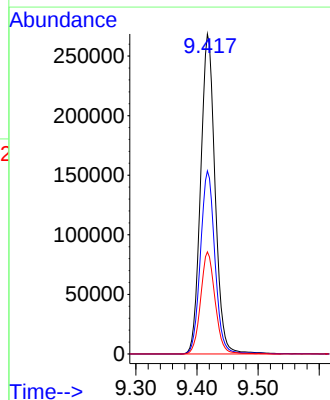
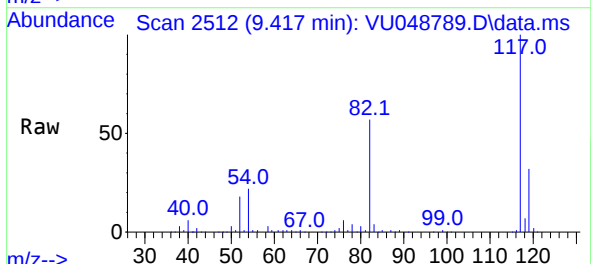
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0603

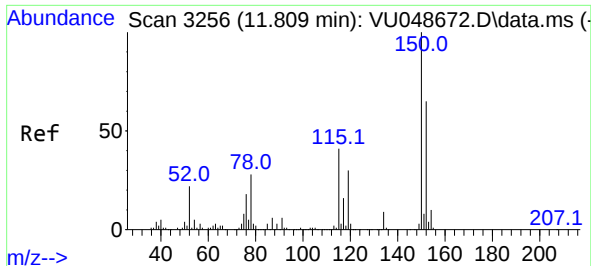
Tgt Ion: 95 Resp: 226074  
Ion Ratio Lower Upper  
95 100  
174 79.7 0.0 159.4  
176 76.8 0.0 152.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. 0.000 min  
Lab File: VU048789.D  
Acq: 01 Jun 2022 18:53

Tgt Ion: 117 Resp: 440589  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.3 67.9  
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048789.D

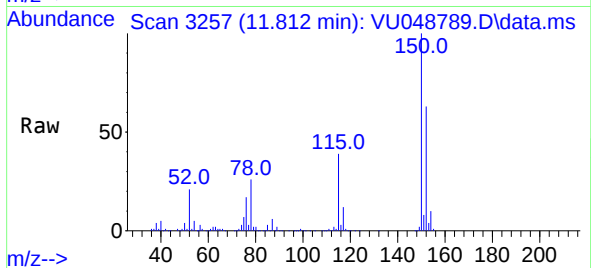
Acq: 01 Jun 2022 18:53

Instrument :

MSVOA\_U

ClientSampleId :

VU0603



Tgt Ion:152 Resp: 221372

Ion Ratio Lower Upper

152 100

115 61.6 41.8 125.4

150 158.7 0.0 341.0

