

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060222\  
 Data File : VU048825.D  
 Acq On : 03 Jun 2022 00:30  
 Operator : SY/MD  
 Sample : N3119-03  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 40016

Quant Time: Jun 03 04:03:50 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

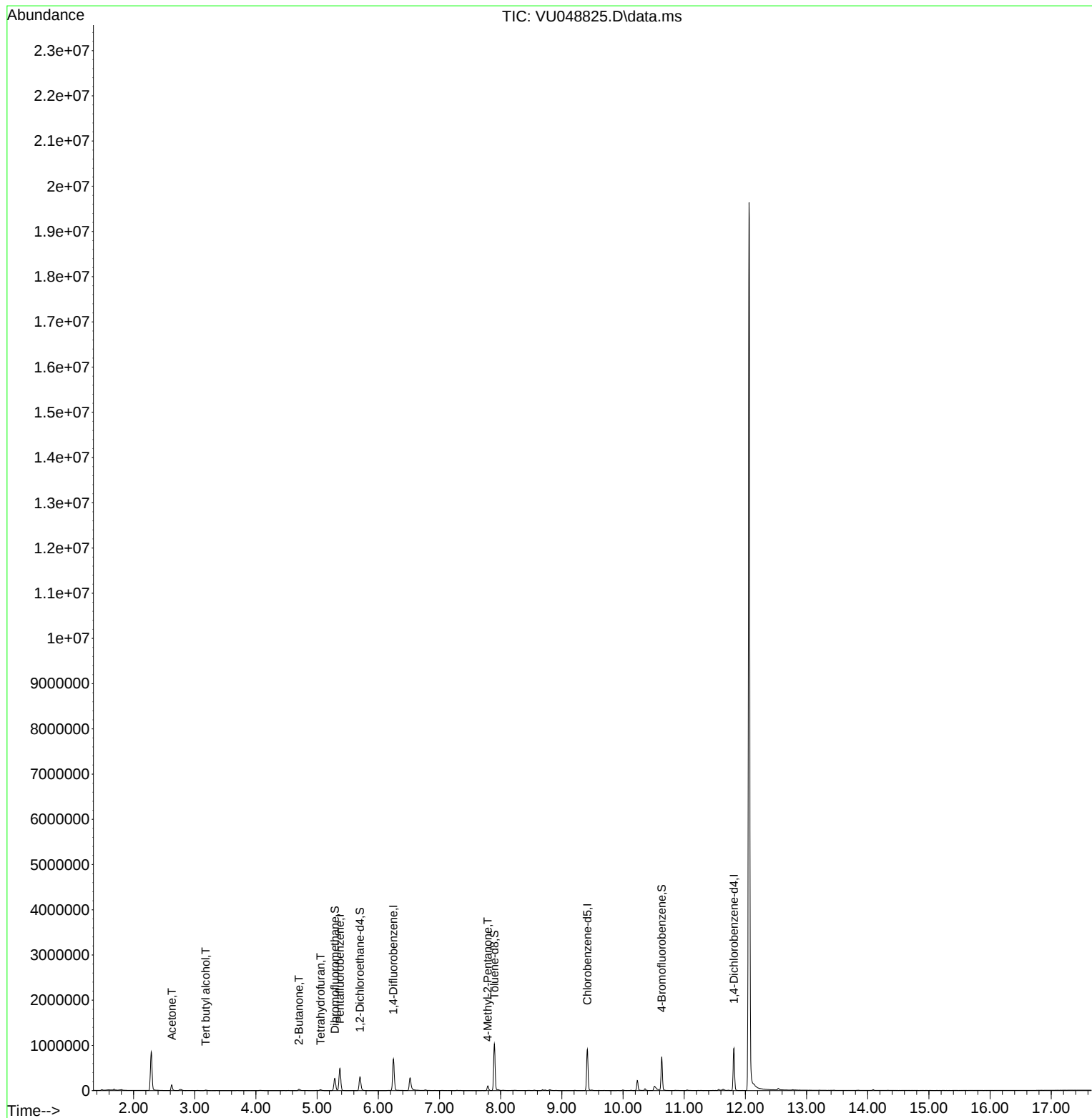
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.372          | 168  | 328510     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.247          | 114  | 555288     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.417          | 117  | 502288     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812         | 152  | 249894     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.700          | 65   | 228841     | 46.384  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 92.760% |        |          |
| 35) Dibromofluoromethane    | 5.289          | 113  | 176951     | 44.667  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 89.340% |        |          |
| 50) Toluene-d8              | 7.896          | 98   | 670646     | 47.226  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 94.460% |        |          |
| 62) 4-Bromofluorobenzene    | 10.632         | 95   | 247001     | 45.991  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 91.980% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        | Qvalue   |
| 11) Tert butyl alcohol      | 3.179          | 59   | 12803      | 10.236  | ug/l # | 38       |
| 16) Acetone                 | 2.623          | 43   | 137200     | 54.568  | ug/l   | 100      |
| 25) 2-Butanone              | 4.703          | 43   | 44326      | 12.272  | ug/l   | 96       |
| 29) Tetrahydrofuran         | 5.057          | 42   | 13753      | 6.045   | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone    | 7.790          | 43   | 69097      | 10.031  | ug/l   | 97       |
| -----                       |                |      |            |         |        |          |

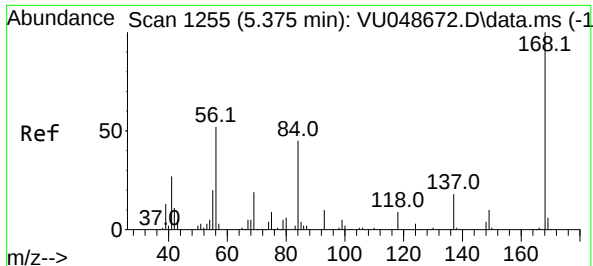
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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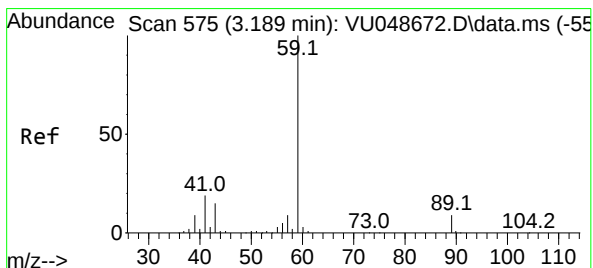
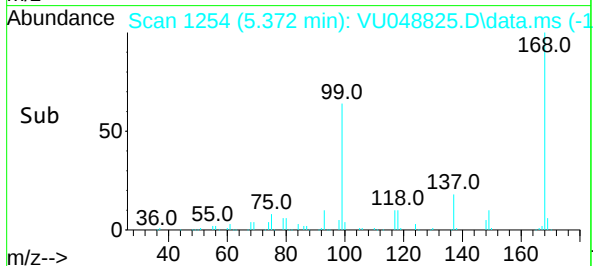
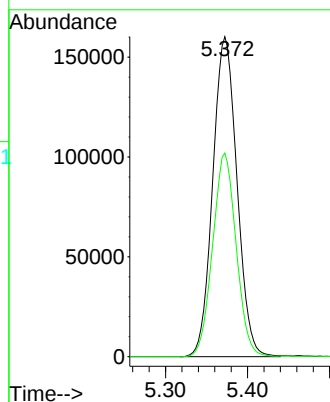
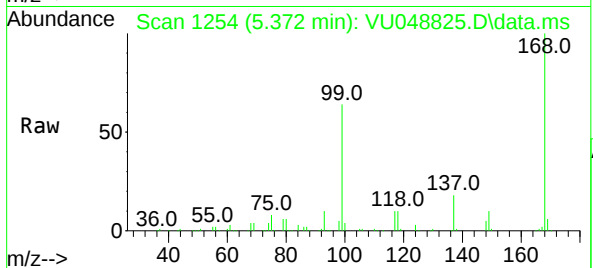




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048825.D  
Acq: 03 Jun 2022 00:30

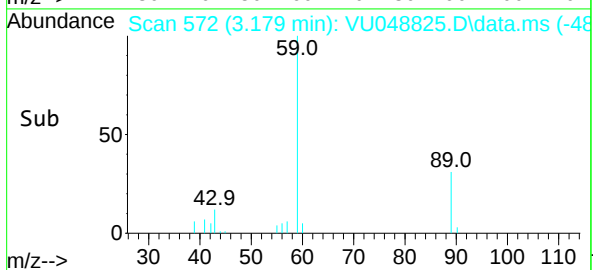
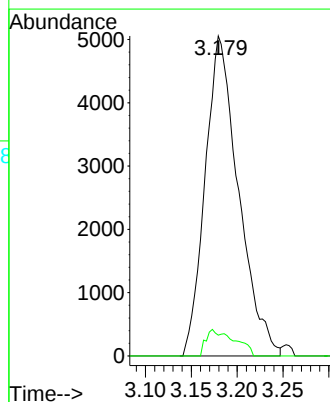
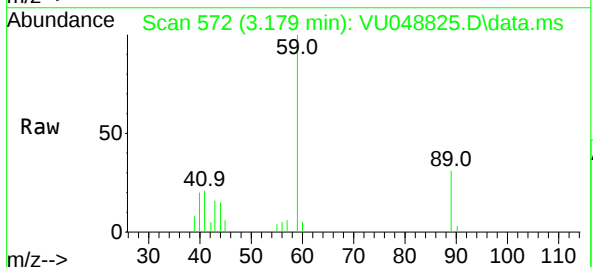
Instrument :  
MSVOA\_U  
ClientSampleId :  
40016

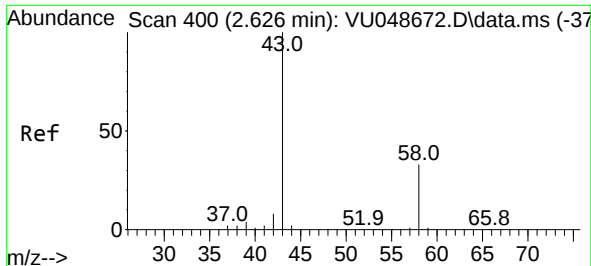
Tgt Ion:168 Resp: 328510  
Ion Ratio Lower Upper  
168 100  
99 63.7 49.3 73.9



#11  
Tert butyl alcohol  
Concen: 10.236 ug/l  
RT: 3.179 min Scan# 572  
Delta R.T. -0.010 min  
Lab File: VU048825.D  
Acq: 03 Jun 2022 00:30

Tgt Ion: 59 Resp: 12803  
Ion Ratio Lower Upper  
59 100  
57 7.1 39.7 59.5#

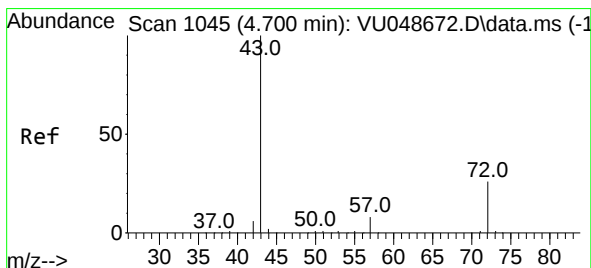
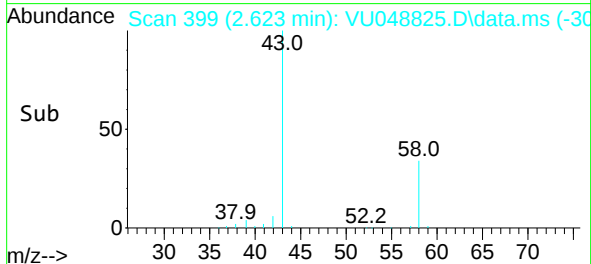
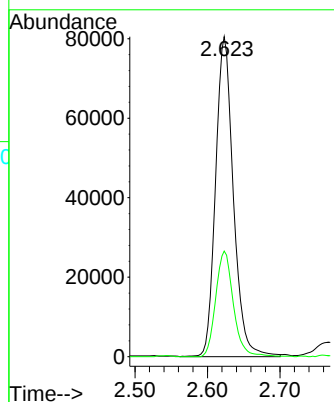
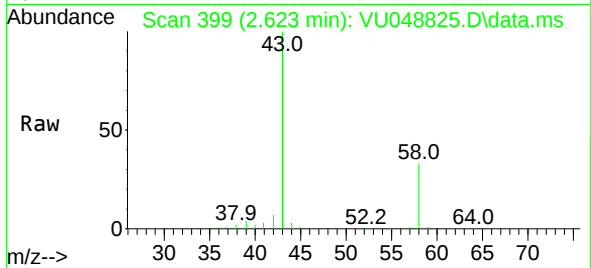




#16  
Acetone  
Concen: 54.568 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU048825.D  
Acq: 03 Jun 2022 00:30

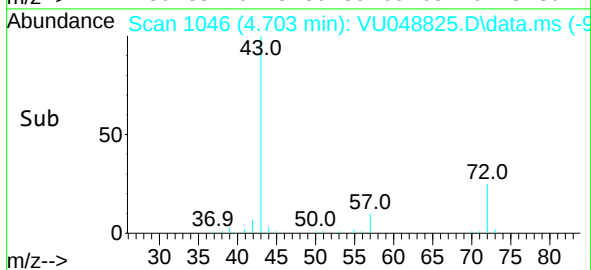
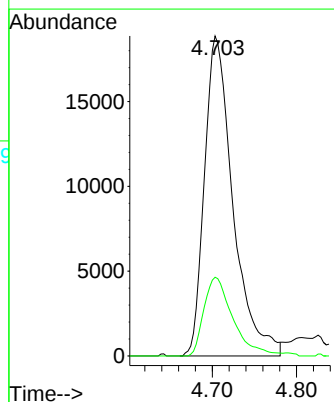
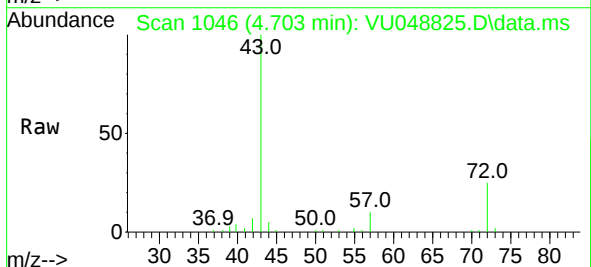
Instrument :  
MSVOA\_U  
ClientSampleId :  
40016

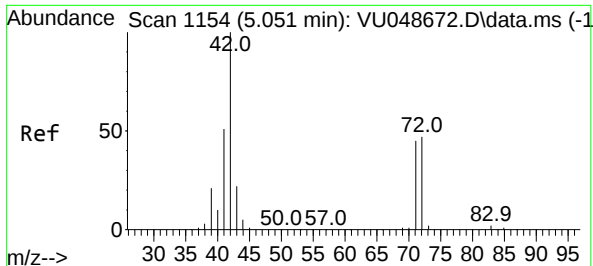
Tgt Ion: 43 Resp: 137200  
Ion Ratio Lower Upper  
43 100  
58 33.0 26.3 39.5



#25  
2-Butanone  
Concen: 12.272 ug/l  
RT: 4.703 min Scan# 1046  
Delta R.T. 0.003 min  
Lab File: VU048825.D  
Acq: 03 Jun 2022 00:30

Tgt Ion: 43 Resp: 44326  
Ion Ratio Lower Upper  
43 100  
72 24.6 21.1 31.7





#29

Tetrahydrofuran

Concen: 6.045 ug/l

RT: 5.057 min Scan# 1154

Delta R.T. 0.006 min

Lab File: VU048825.D

Acq: 03 Jun 2022 00:30

Instrument :

MSVOA\_U

ClientSampleId :

40016

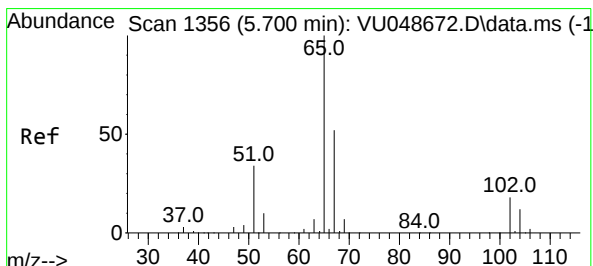
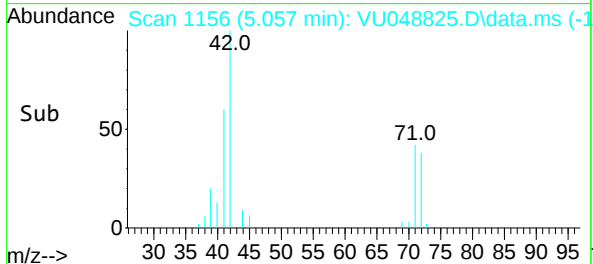
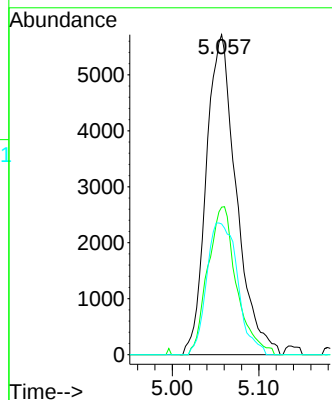
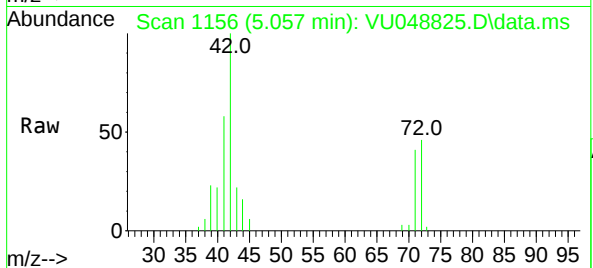
Tgt Ion: 42 Resp: 13753

Ion Ratio Lower Upper

42 100

72 44.3 37.6 56.4

71 42.5 35.0 52.4



#33

1,2-Dichloroethane-d4

Concen: 46.384 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU048825.D

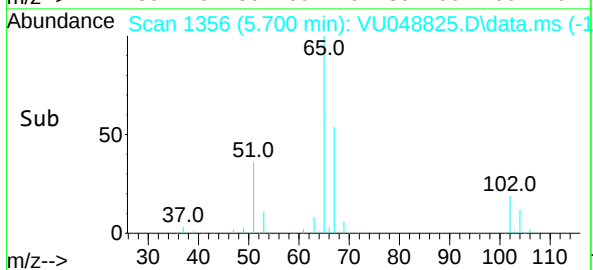
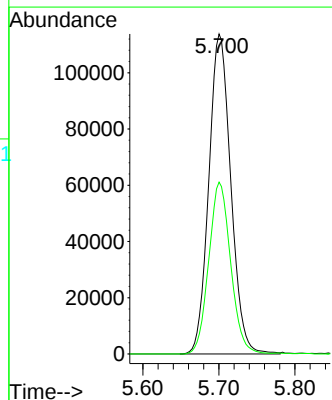
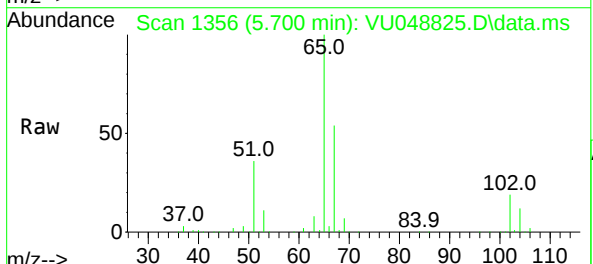
Acq: 03 Jun 2022 00:30

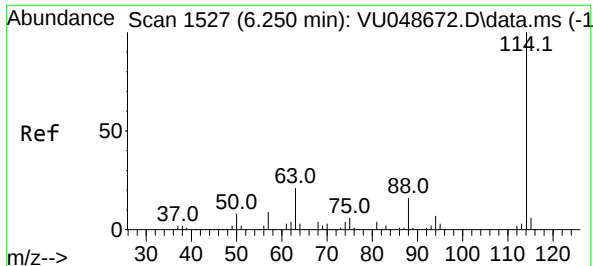
Tgt Ion: 65 Resp: 228841

Ion Ratio Lower Upper

65 100

67 53.3 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: VU048825.D

Acq: 03 Jun 2022 00:30

Instrument :

MSVOA\_U

ClientSampleId :

40016

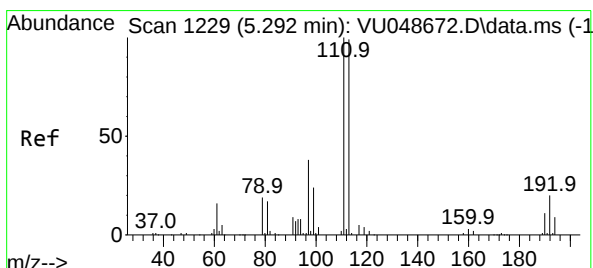
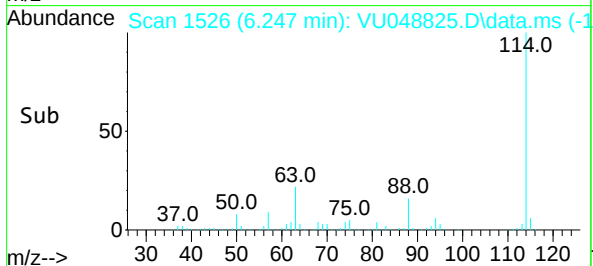
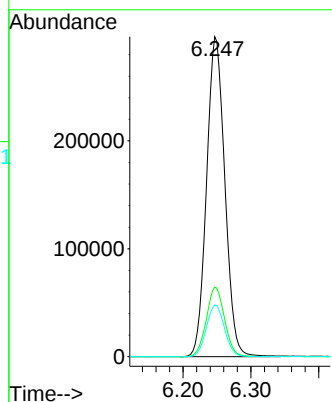
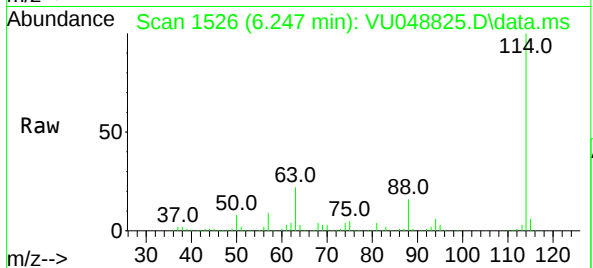
Tgt Ion:114 Resp: 555288

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.667 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048825.D

Acq: 03 Jun 2022 00:30

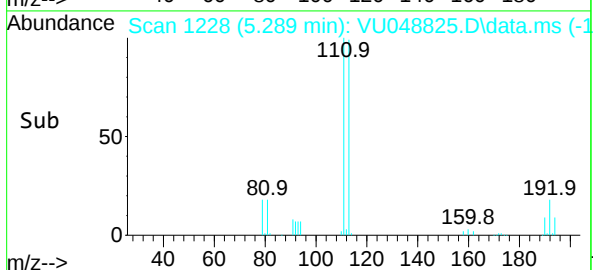
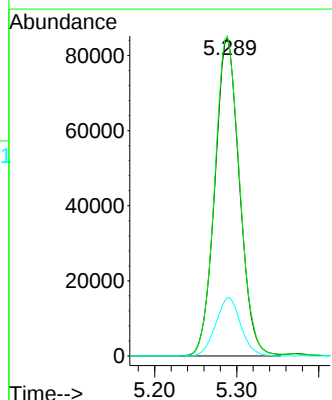
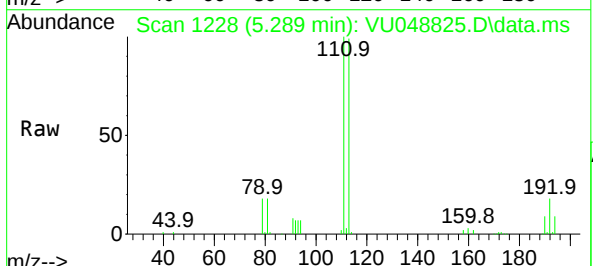
Tgt Ion:113 Resp: 176951

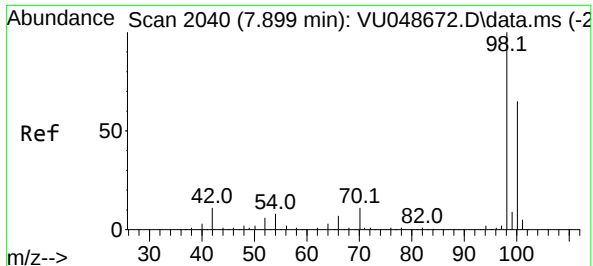
Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

192 18.6 15.9 23.9

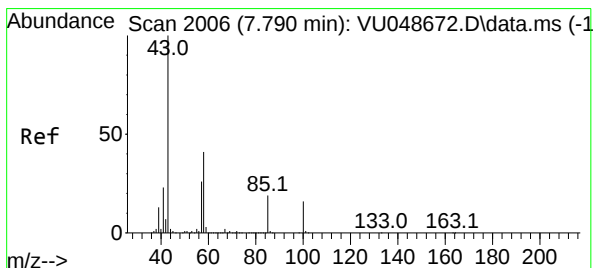
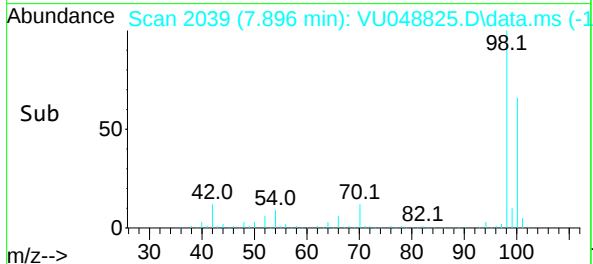
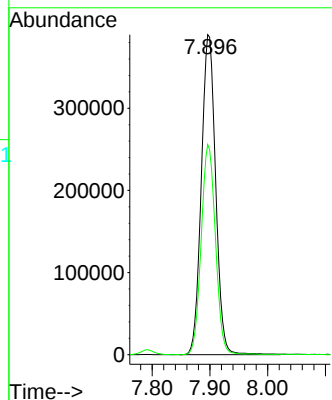
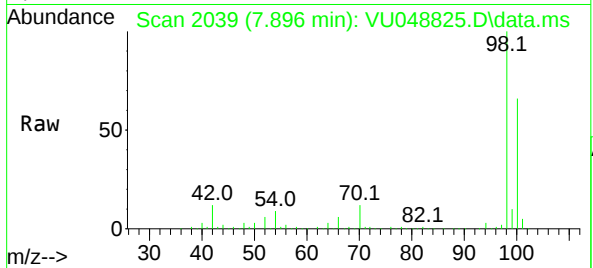




#50  
Toluene-d8  
Concen: 47.226 ug/l  
RT: 7.896 min Scan# 2040  
Delta R.T. -0.003 min  
Lab File: VU048825.D  
Acq: 03 Jun 2022 00:30

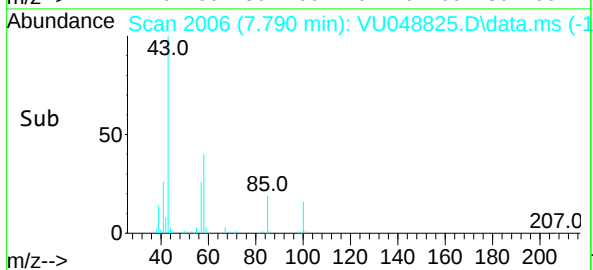
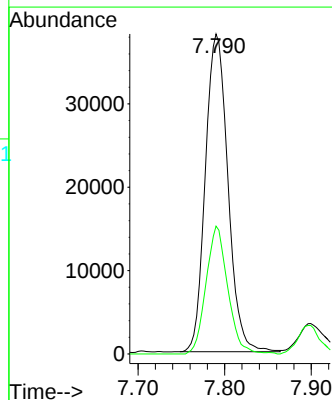
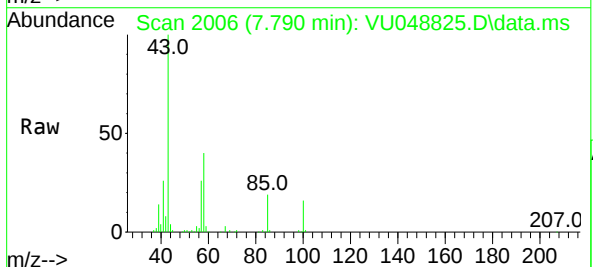
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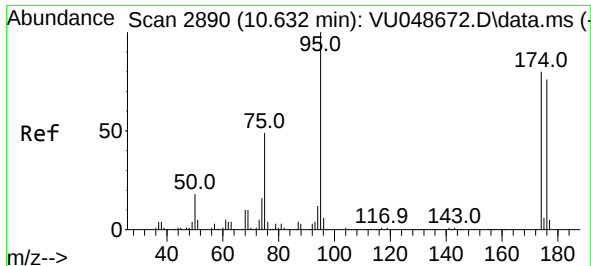
Tgt Ion: 98 Resp: 670646  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.2 78.4



#51  
4-Methyl-2-Pentanone  
Concen: 10.031 ug/l  
RT: 7.790 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: VU048825.D  
Acq: 03 Jun 2022 00:30

Tgt Ion: 43 Resp: 69097  
Ion Ratio Lower Upper  
43 100  
58 38.7 32.7 49.1

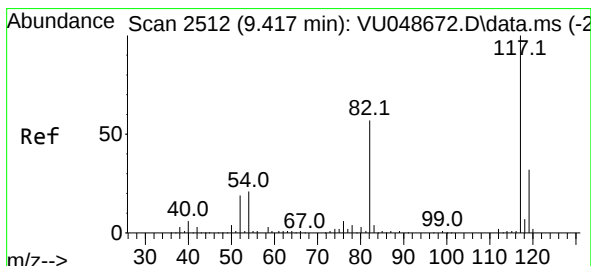
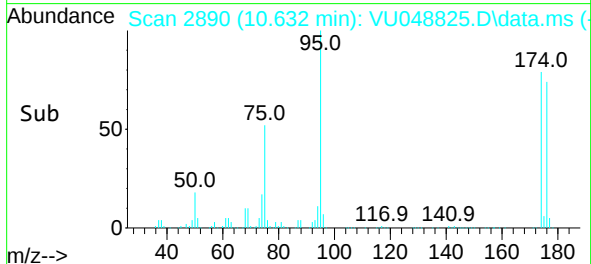
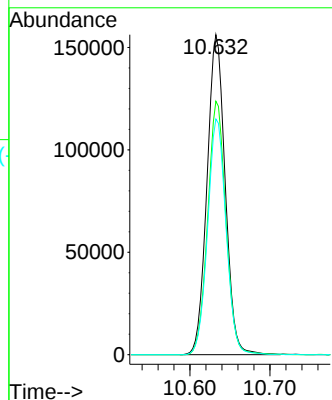
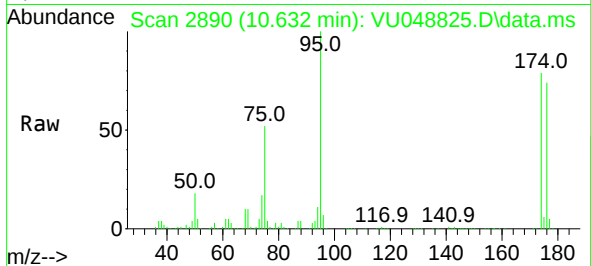




#62  
4-Bromofluorobenzene  
Concen: 45.991 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048825.D  
Acq: 03 Jun 2022 00:30

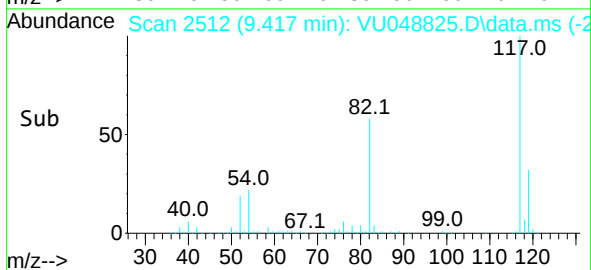
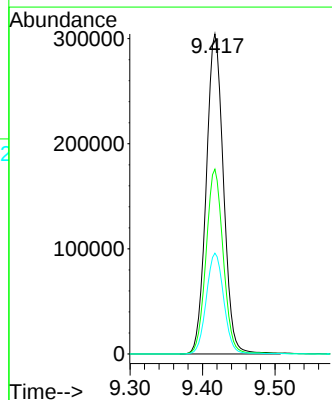
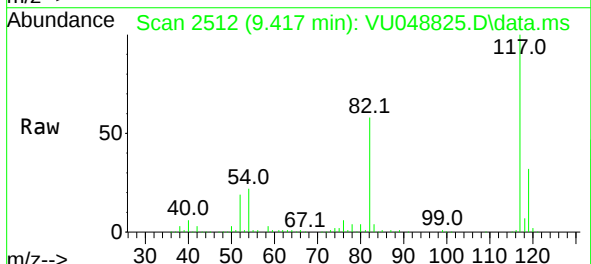
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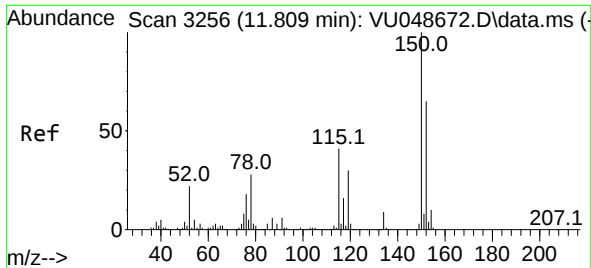
Tgt Ion: 95 Resp: 247001  
Ion Ratio Lower Upper  
95 100  
174 79.3 0.0 159.4  
176 74.6 0.0 152.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. 0.000 min  
Lab File: VU048825.D  
Acq: 03 Jun 2022 00:30

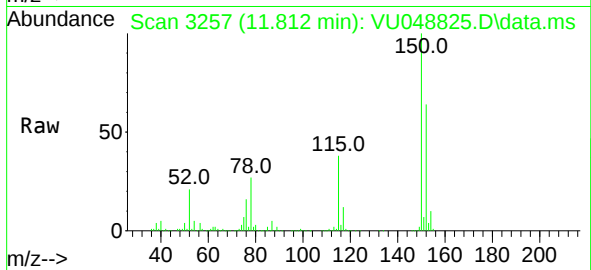
Tgt Ion: 117 Resp: 502288  
Ion Ratio Lower Upper  
117 100  
82 57.7 45.3 67.9  
119 31.5 25.4 38.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: VU048825.D  
 Acq: 03 Jun 2022 00:30

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 40016



Tgt Ion:152 Resp: 249894  
 Ion Ratio Lower Upper  
 152 100  
 115 59.7 41.8 125.4  
 150 155.0 0.0 341.0

