

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060222\  
 Data File : VU048817.D  
 Acq On : 02 Jun 2022 20:31  
 Operator : SY/MD  
 Sample : N3112-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MH-140B-20220527

Quant Time: Jun 03 01:20:00 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

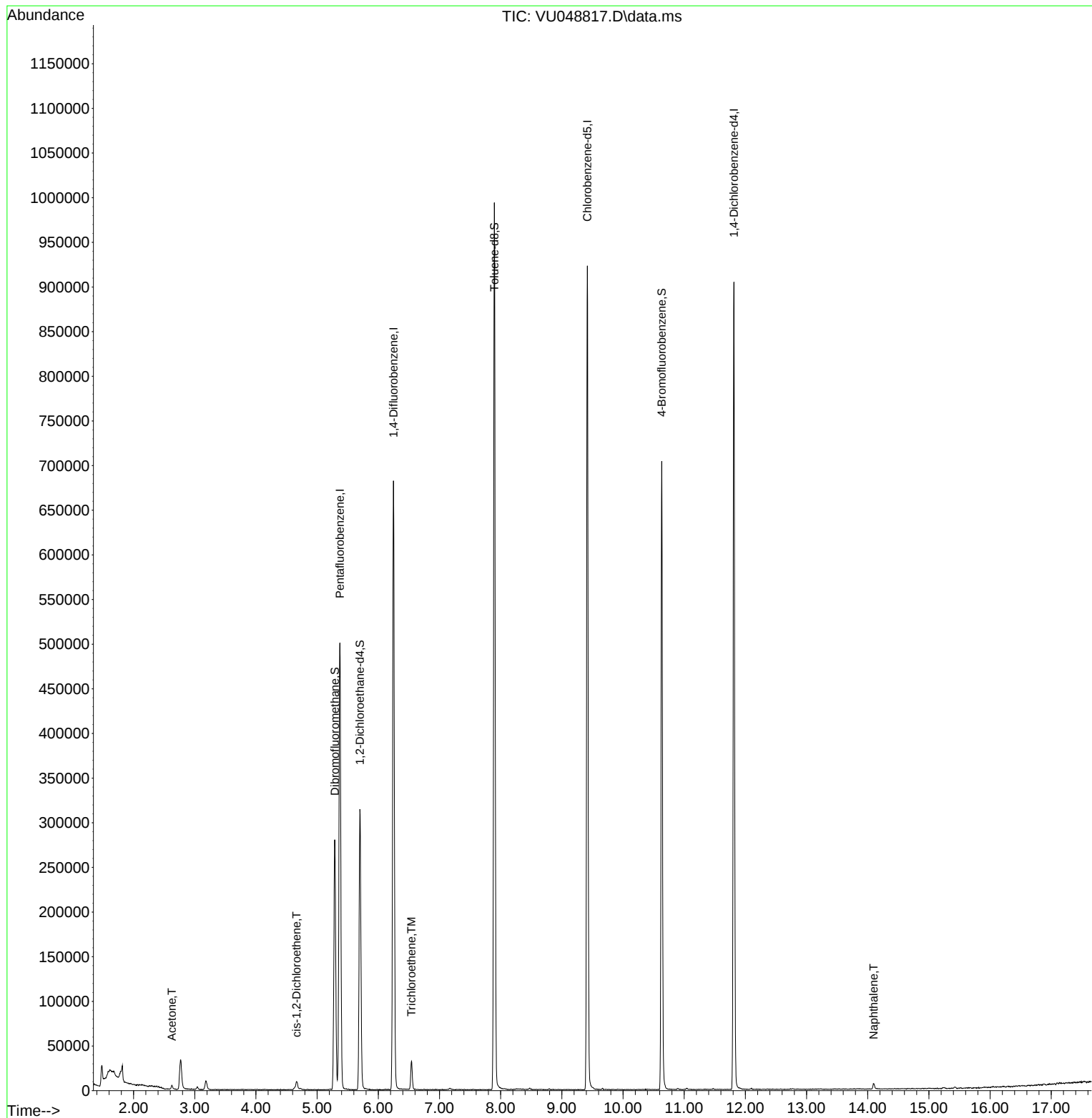
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.372  | 168   | 340387   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.250  | 114   | 558353   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.417  | 117   | 509355   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812 | 152   | 238779   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.700  | 65    | 236994   | 46.361   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 92.720%  |
| 35) Dibromofluoromethane    | 5.288  | 113   | 183140   | 45.976   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.960%  |
| 50) Toluene-d8              | 7.896  | 98    | 667515   | 46.748   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 93.500%  |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 237337   | 43.949   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 87.900%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.626  | 43    | 5318     | 2.041    | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene  | 4.665  | 96    | 4553     | 0.993    | ug/l   | 91       |
| 44) Trichloroethene         | 6.542  | 130   | 10616    | 2.401    | ug/l   | 93       |
| 95) Naphthalene             | 14.098 | 128   | 7209     | 2.897    | ug/l # | 94       |
| -----                       |        |       |          |          |        |          |

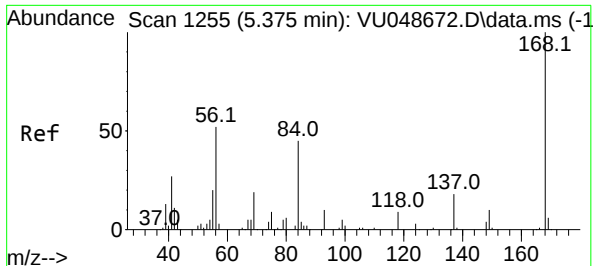
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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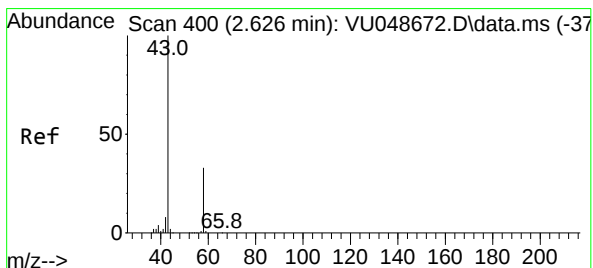
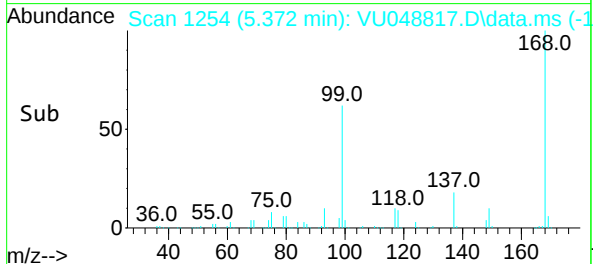
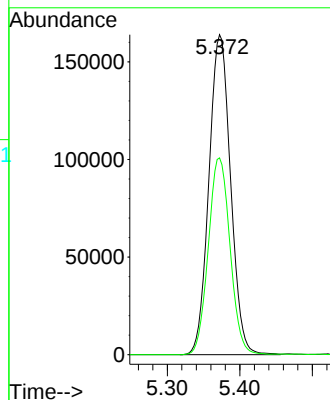
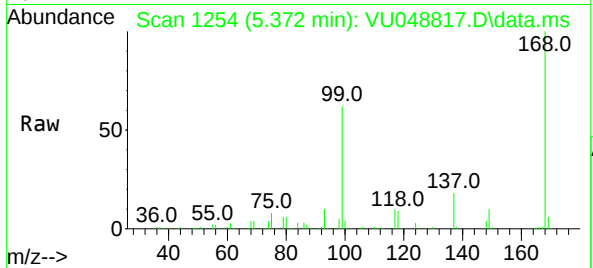




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048817.D  
Acq: 02 Jun 2022 20:31

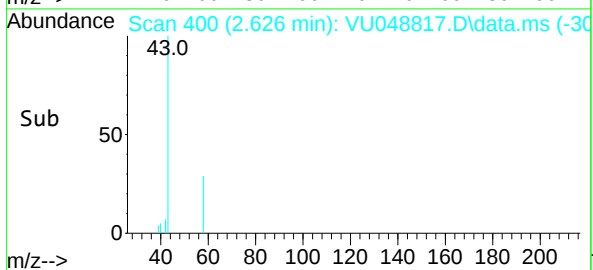
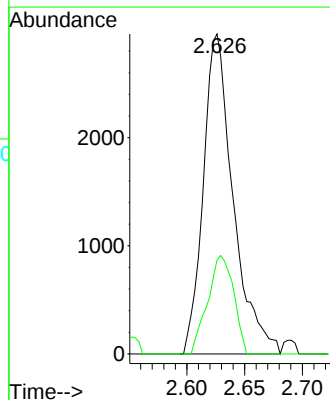
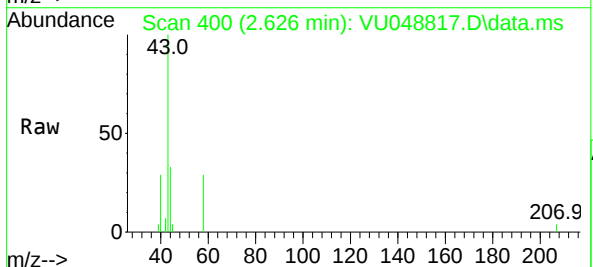
Instrument :  
MSVOA\_U  
ClientSampleId :  
MH-140B-20220527

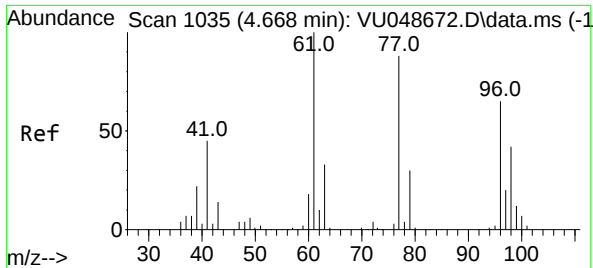
Tgt Ion:168 Resp: 340387  
Ion Ratio Lower Upper  
168 100  
99 61.5 49.3 73.9



#16  
Acetone  
Concen: 2.041 ug/l  
RT: 2.626 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: VU048817.D  
Acq: 02 Jun 2022 20:31

Tgt Ion: 43 Resp: 5318  
Ion Ratio Lower Upper  
43 100  
58 29.3 26.3 39.5





#27

cis-1,2-Dichloroethene

Concen: 0.993 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048817.D

Acq: 02 Jun 2022 20:31

Instrument :

MSVOA\_U

ClientSampleId :

MH-140B-20220527

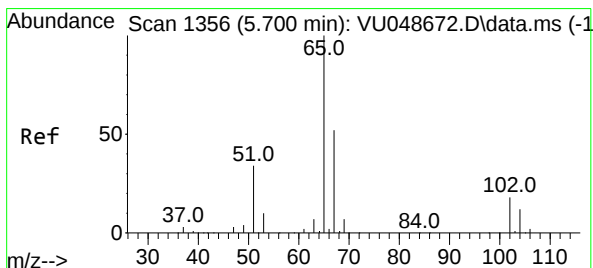
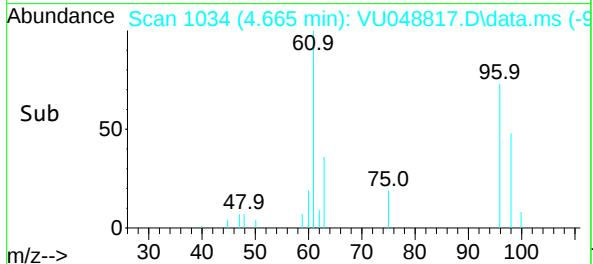
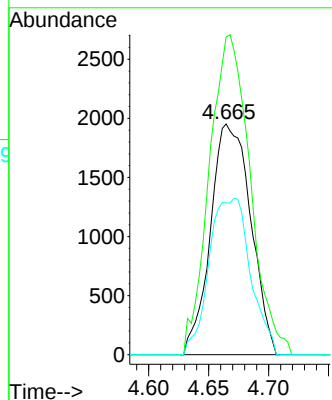
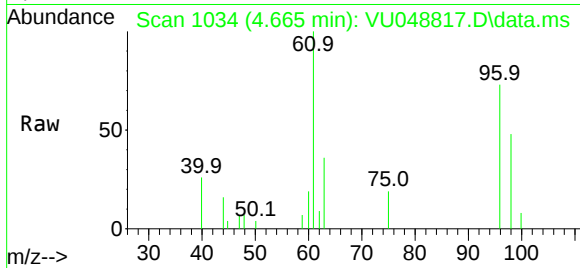
Tgt Ion: 96 Resp: 4553

Ion Ratio Lower Upper

96 100

61 140.5 0.0 306.2

98 69.8 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 46.361 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. -0.000 min

Lab File: VU048817.D

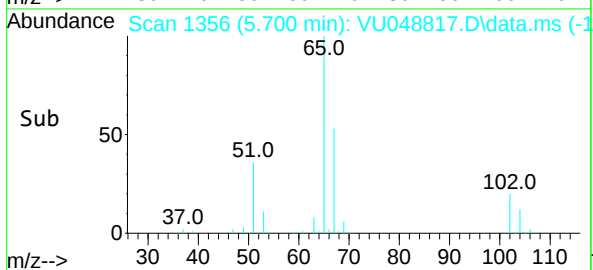
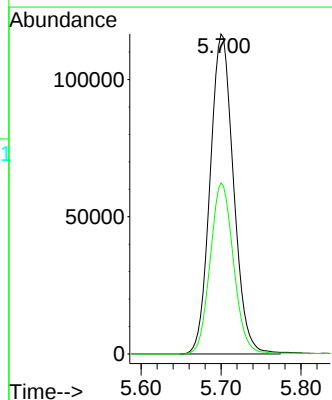
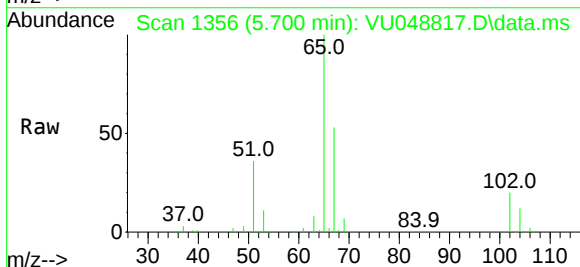
Acq: 02 Jun 2022 20:31

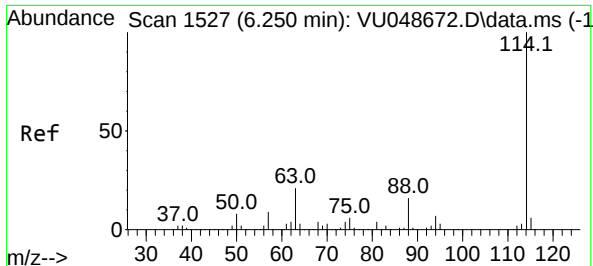
Tgt Ion: 65 Resp: 236994

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048817.D

Acq: 02 Jun 2022 20:31

Instrument :

MSVOA\_U

ClientSampleId :

MH-140B-20220527

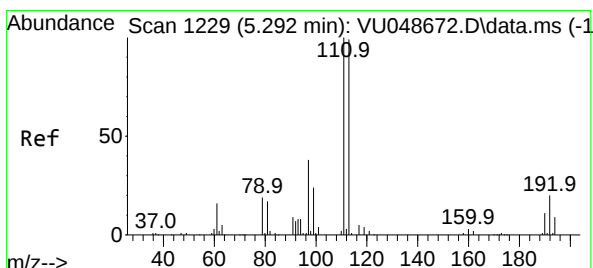
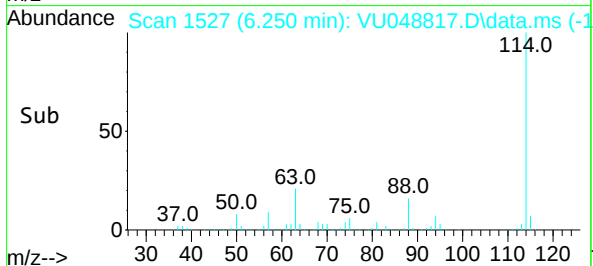
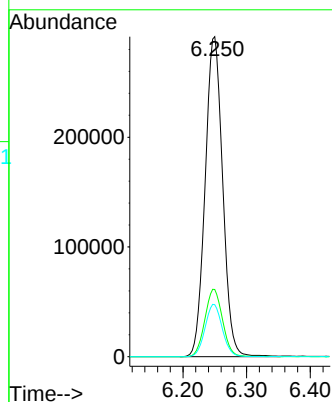
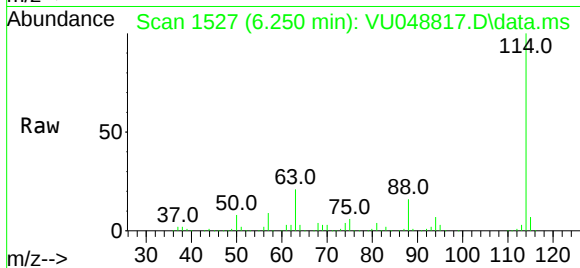
Tgt Ion:114 Resp: 558353

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.976 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048817.D

Acq: 02 Jun 2022 20:31

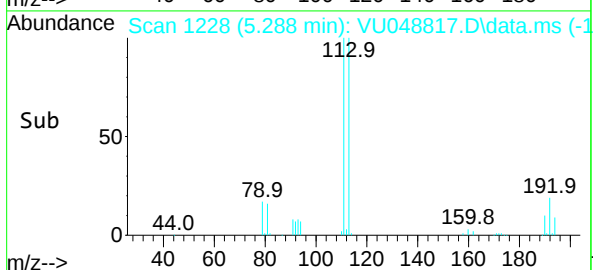
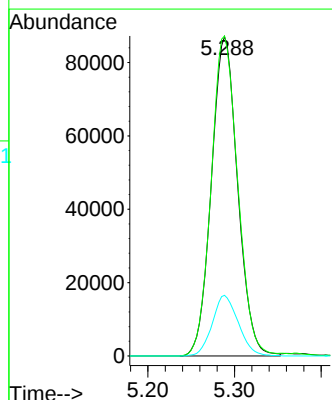
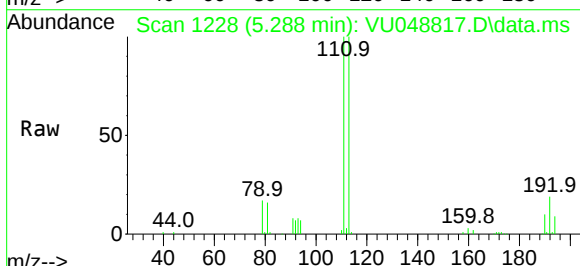
Tgt Ion:113 Resp: 183140

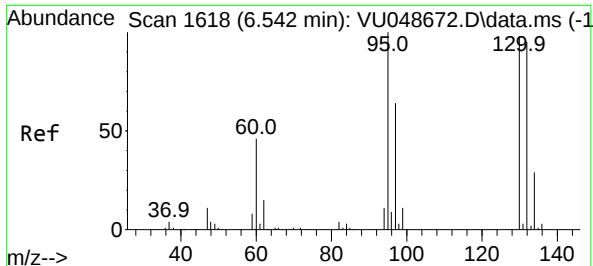
Ion Ratio Lower Upper

113 100

111 101.3 80.7 121.1

192 18.9 15.9 23.9

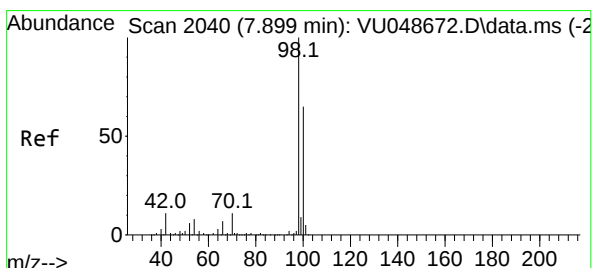
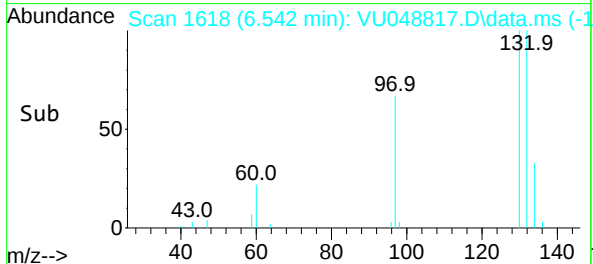
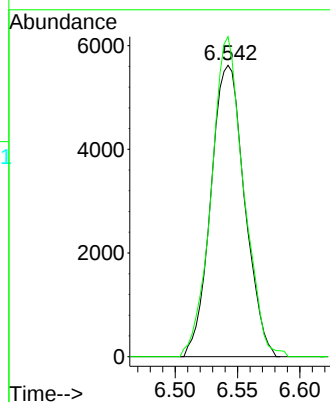
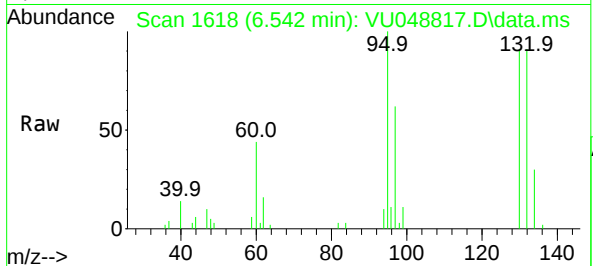




#44  
Trichloroethene  
Concen: 2.401 ug/l  
RT: 6.542 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU048817.D  
Acq: 02 Jun 2022 20:31

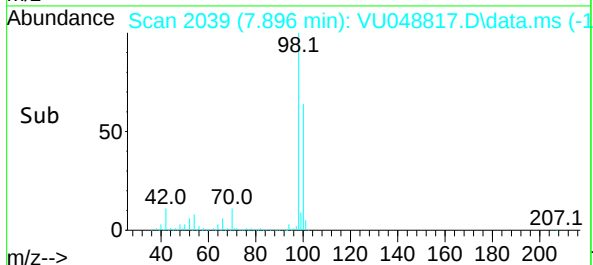
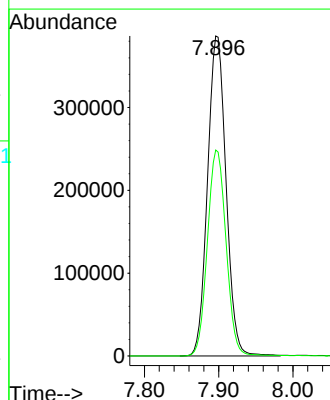
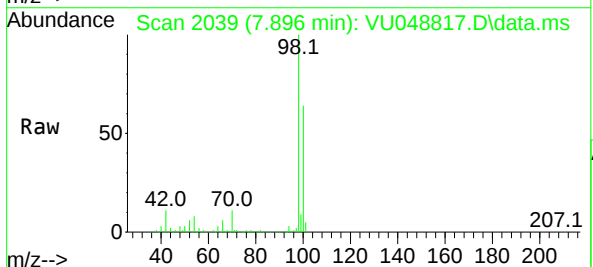
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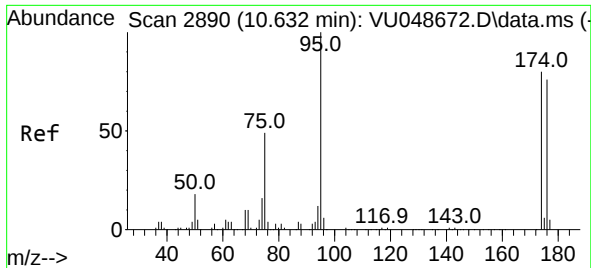
Tgt Ion:130 Resp: 10616  
Ion Ratio Lower Upper  
130 100  
95 109.8 0.0 204.8



#50  
Toluene-d8  
Concen: 46.748 ug/l  
RT: 7.896 min Scan# 2039  
Delta R.T. -0.003 min  
Lab File: VU048817.D  
Acq: 02 Jun 2022 20:31

Tgt Ion: 98 Resp: 667515  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.2 78.4

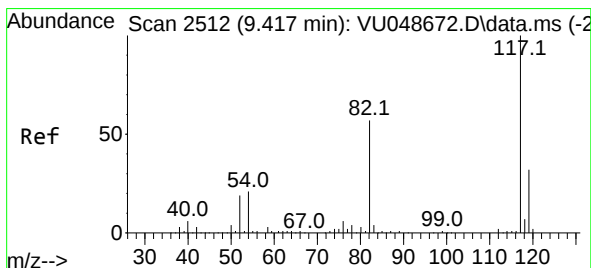
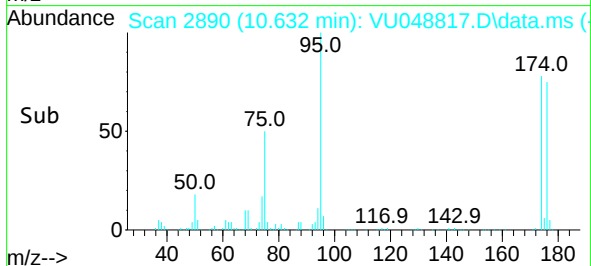
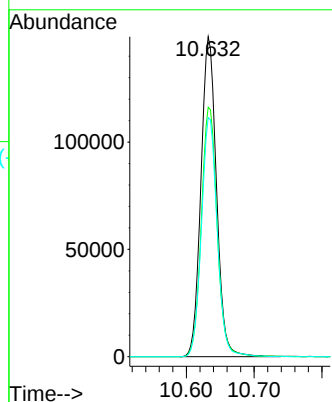
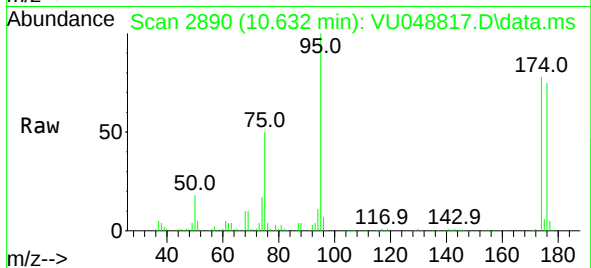




#62  
4-Bromofluorobenzene  
Concen: 43.949 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU048817.D  
Acq: 02 Jun 2022 20:31

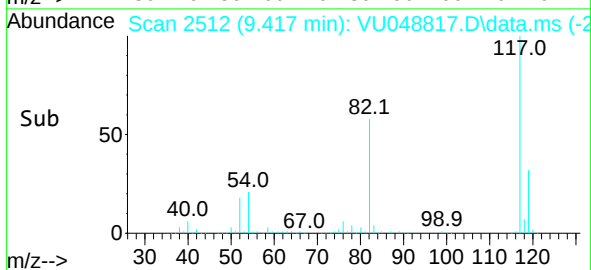
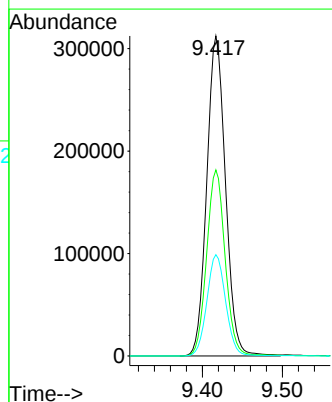
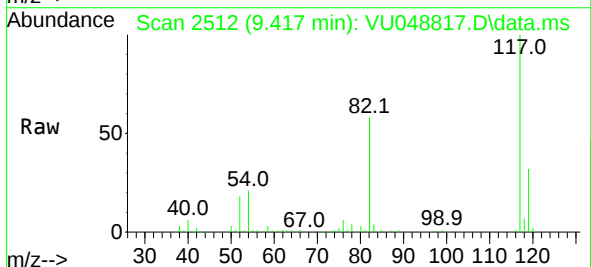
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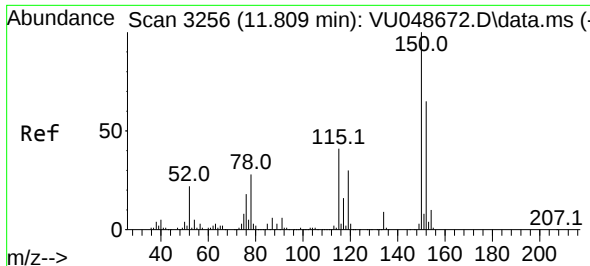
Tgt Ion: 95 Resp: 237337  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 159.4  
176 75.8 0.0 152.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. -0.000 min  
Lab File: VU048817.D  
Acq: 02 Jun 2022 20:31

Tgt Ion: 117 Resp: 509355  
Ion Ratio Lower Upper  
117 100  
82 58.2 45.3 67.9  
119 31.7 25.4 38.2

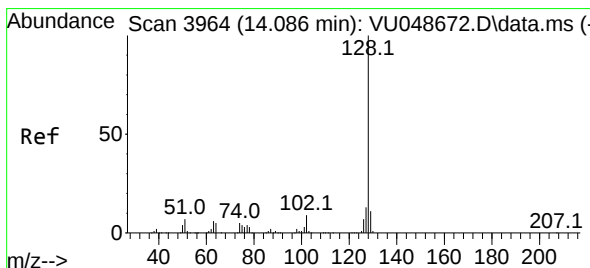
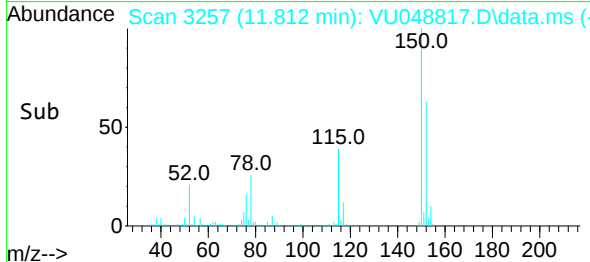
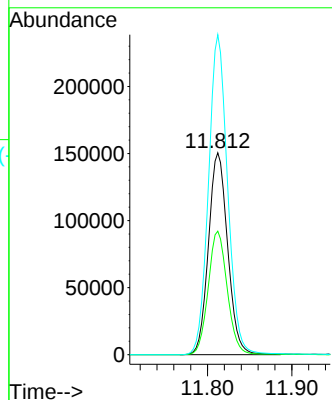
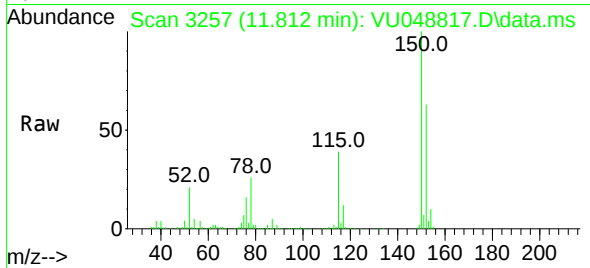




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU048817.D  
Acq: 02 Jun 2022 20:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
MH-140B-20220527

Tgt Ion:152 Resp: 238779  
Ion Ratio Lower Upper  
152 100  
115 60.9 41.8 125.4  
150 157.6 0.0 341.0



#95  
Naphthalene  
Concen: 2.897 ug/l  
RT: 14.098 min Scan# 3968  
Delta R.T. 0.012 min  
Lab File: VU048817.D  
Acq: 02 Jun 2022 20:31

Tgt Ion:128 Resp: 7209  
Ion Ratio Lower Upper  
128 100  
127 11.1 10.2 15.4  
129 8.0 8.7 13.1#

