

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060222\  
 Data File : VU048830.D  
 Acq On : 03 Jun 2022 02:27  
 Operator : SY/MD  
 Sample : N3112-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MH-117N-20220527

Quant Time: Jun 03 04:05:39 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

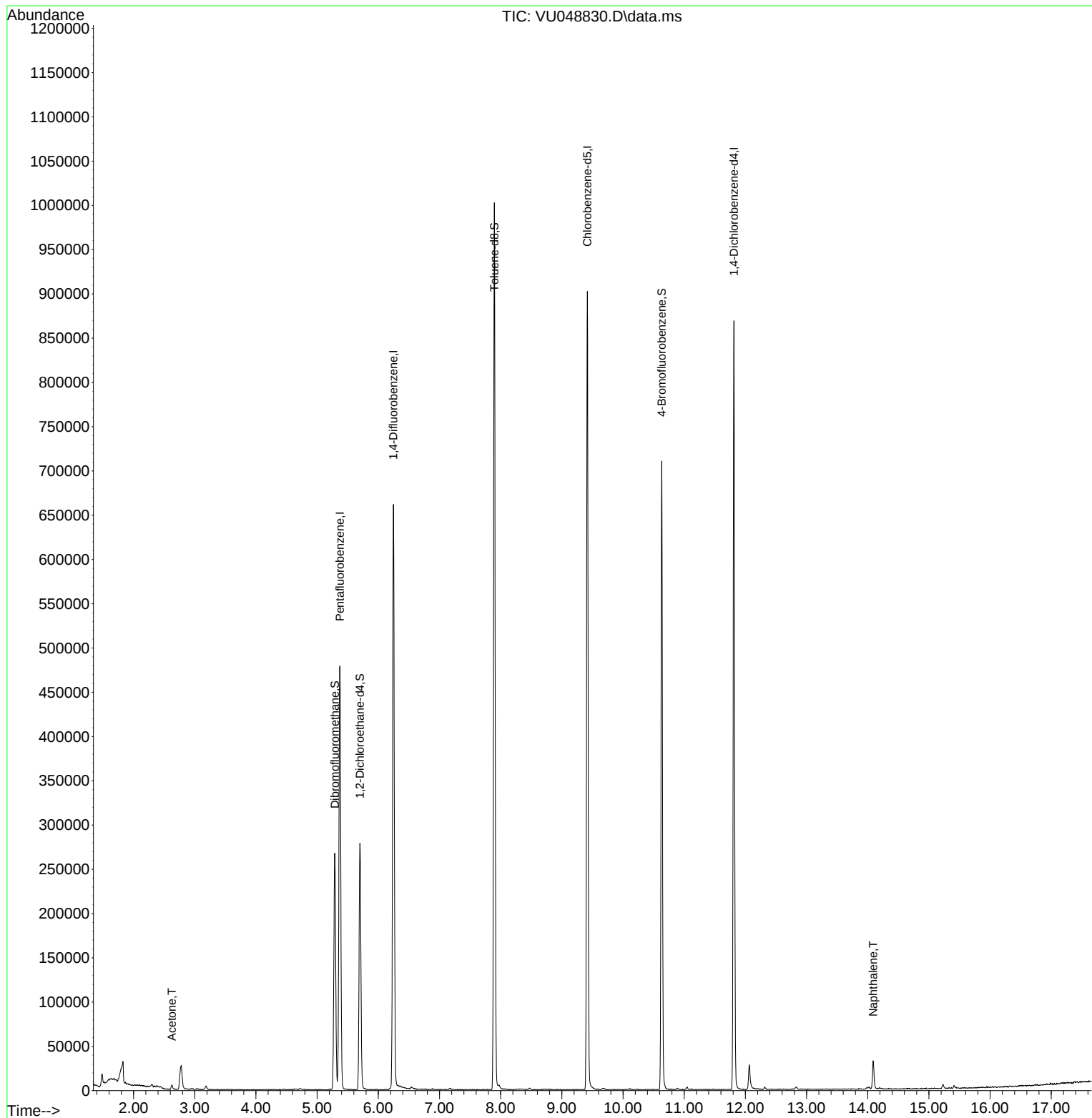
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.372  | 168   | 325476   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.247  | 114   | 535036   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.417  | 117   | 499303   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812 | 152   | 228880   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.700  | 65    | 215676   | 44.123   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 88.240%  |
| 35) Dibromofluoromethane    | 5.288  | 113   | 176463   | 46.230   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.460%  |
| 50) Toluene-d8              | 7.896  | 98    | 661162   | 48.321   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 96.640%  |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 236865   | 45.774   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 91.540%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.626  | 43    | 5389     | 2.163    | ug/l   | 94       |
| 95) Naphthalene             | 14.089 | 128   | 26414    | 3.925    | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

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

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Instrument :  
MSVOA\_U  
ClientSampleId :  
MH-117N-20220527

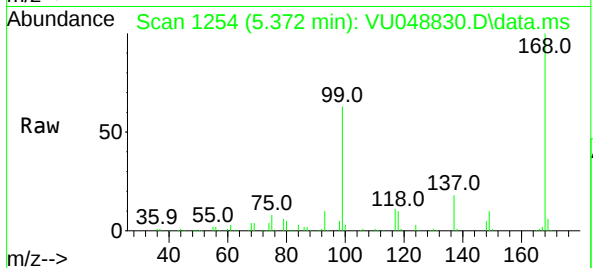
Quant Time: Jun 03 04:05:39 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
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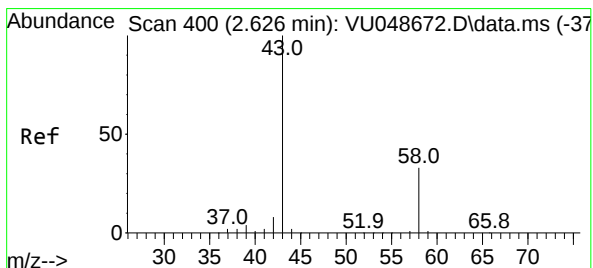
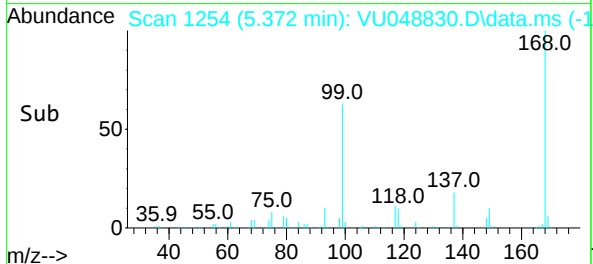
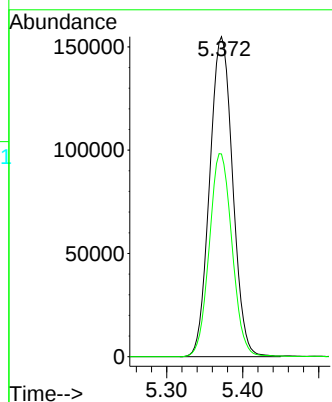


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048830.D  
Acq: 03 Jun 2022 02:27

Instrument :  
MSVOA\_U  
ClientSampleId :  
MH-117N-20220527

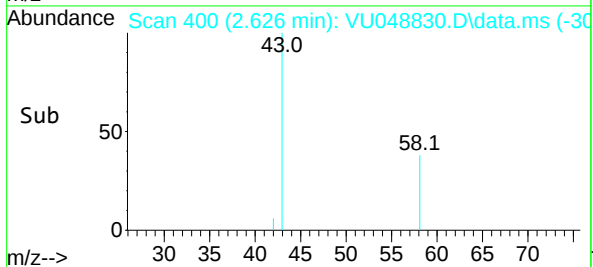
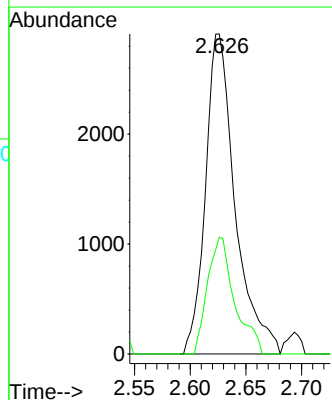
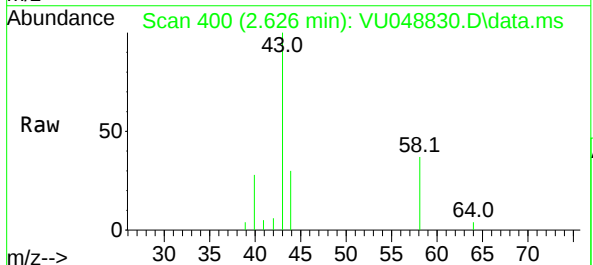


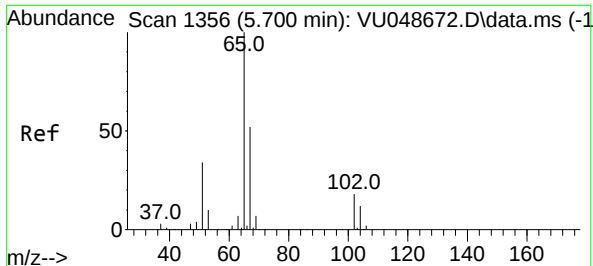
Tgt Ion:168 Resp: 325476  
Ion Ratio Lower Upper  
168 100  
99 63.3 49.3 73.9



#16  
Acetone  
Concen: 2.163 ug/l  
RT: 2.626 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: VU048830.D  
Acq: 03 Jun 2022 02:27

Tgt Ion: 43 Resp: 5389  
Ion Ratio Lower Upper  
43 100  
58 36.5 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 44.123 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

Instrument :

MSVOA\_U

ClientSampleId :

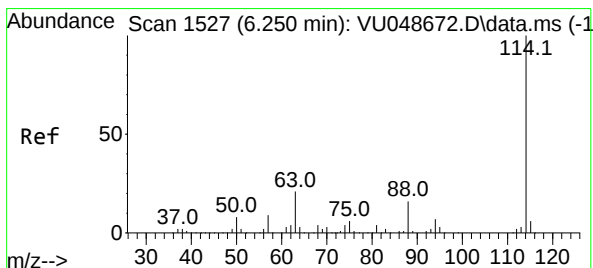
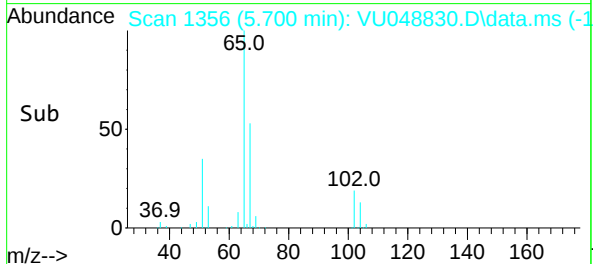
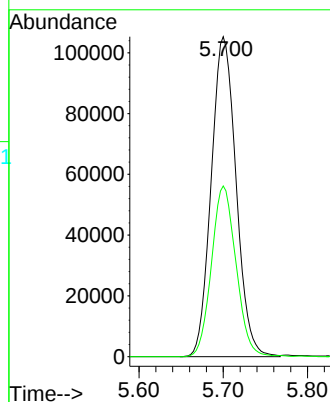
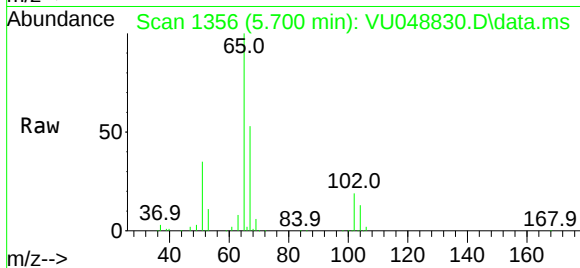
MH-117N-20220527

Tgt Ion: 65 Resp: 215676

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# 1526

Delta R.T. -0.003 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

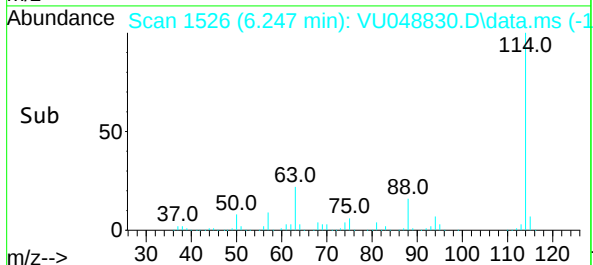
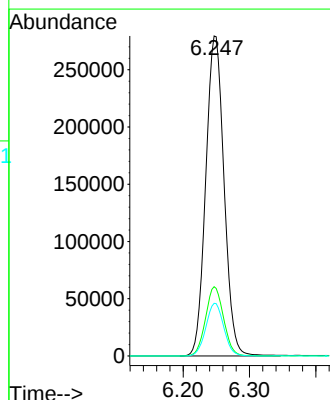
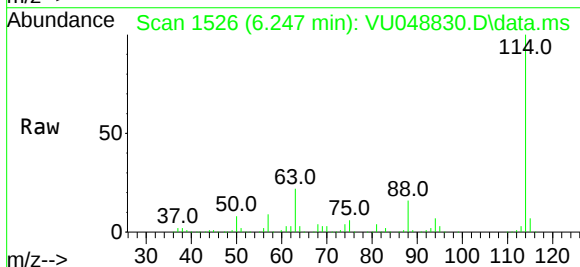
Tgt Ion: 114 Resp: 535036

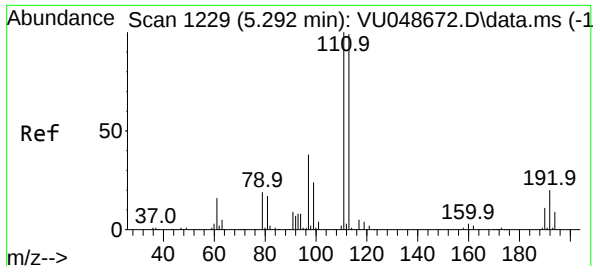
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.230 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048830.D

Acq: 03 Jun 2022 02:27

Instrument :

MSVOA\_U

ClientSampleId :

MH-117N-20220527

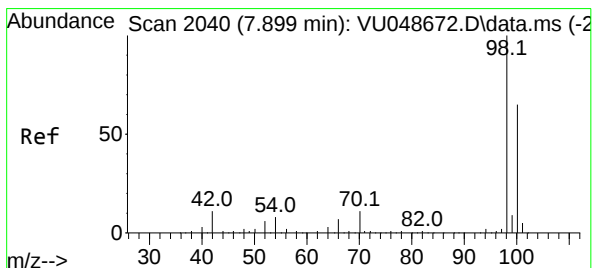
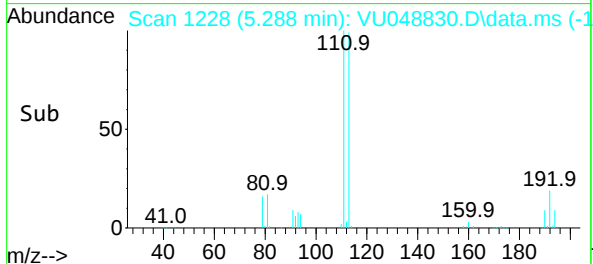
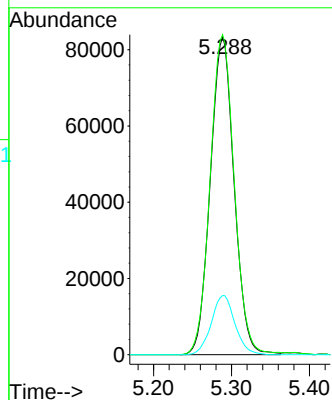
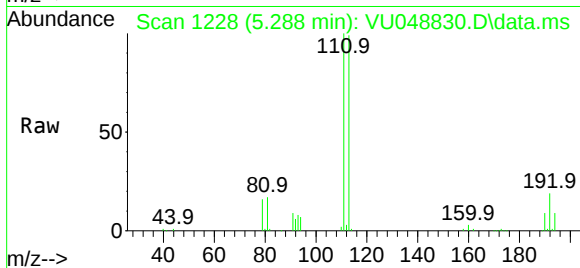
Tgt Ion:113 Resp: 176463

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

192 18.6 15.9 23.9



#50

Toluene-d8

Concen: 48.321 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048830.D

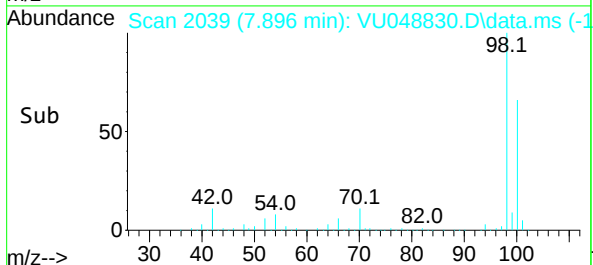
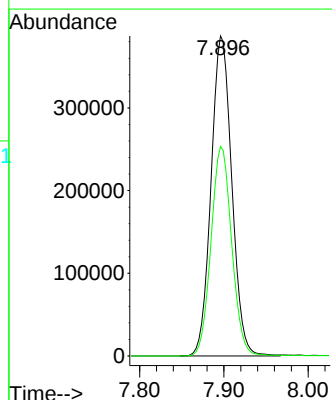
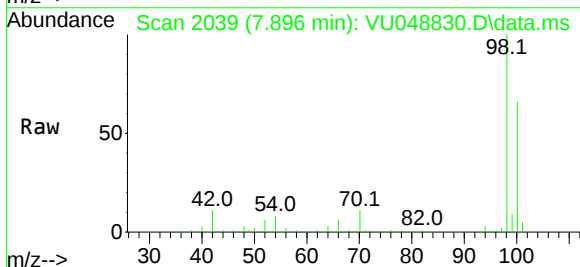
Acq: 03 Jun 2022 02:27

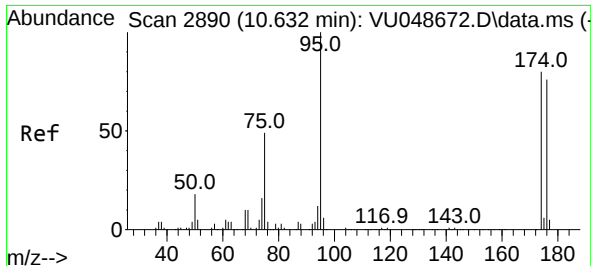
Tgt Ion: 98 Resp: 661162

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4

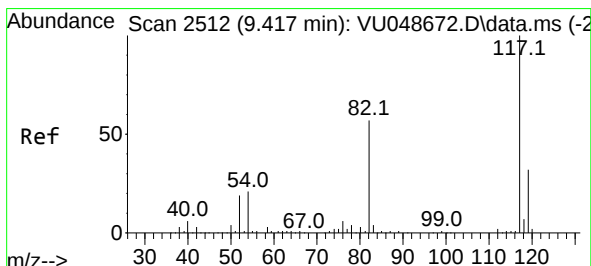
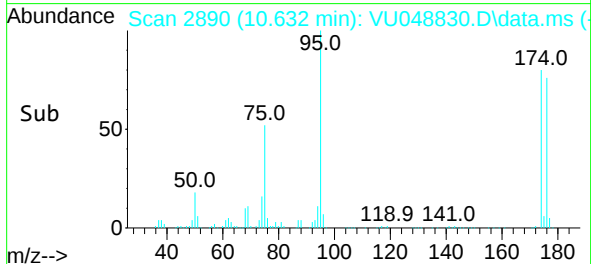
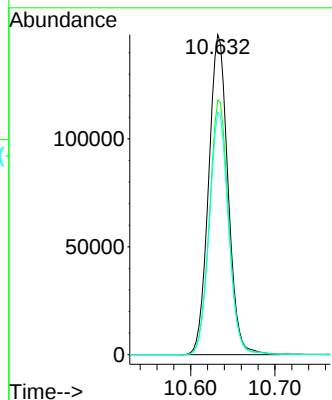
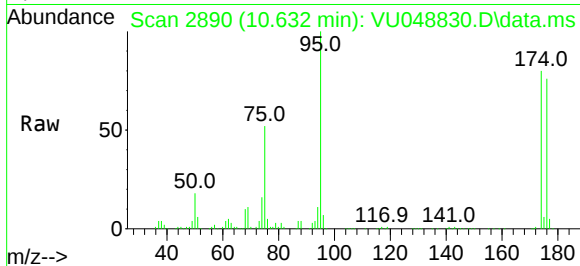




#62  
4-Bromofluorobenzene  
Concen: 45.774 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.000 min  
Lab File: VU048830.D  
Acq: 03 Jun 2022 02:27

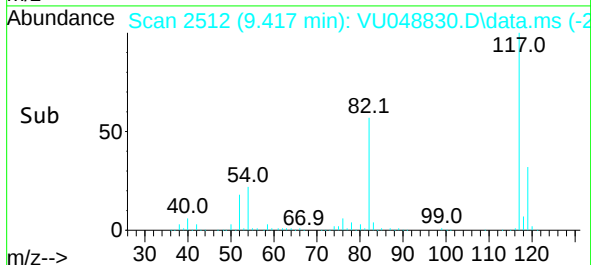
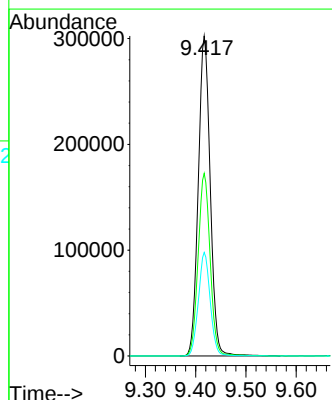
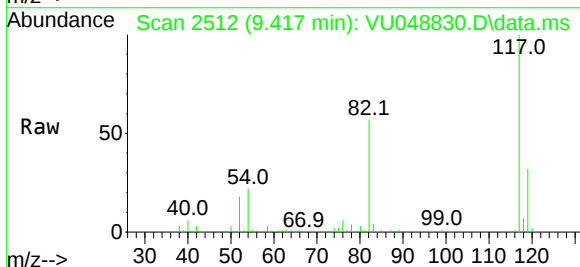
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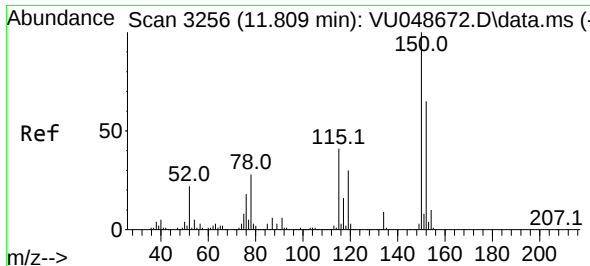
Tgt Ion: 95 Resp: 236865  
Ion Ratio Lower Upper  
95 100  
174 79.2 0.0 159.4  
176 75.0 0.0 152.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. -0.000 min  
Lab File: VU048830.D  
Acq: 03 Jun 2022 02:27

Tgt Ion: 117 Resp: 499303  
Ion Ratio Lower Upper  
117 100  
82 57.0 45.3 67.9  
119 32.4 25.4 38.2

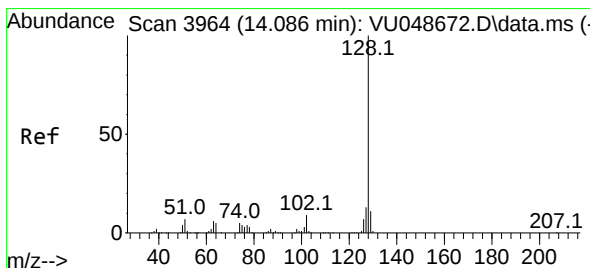
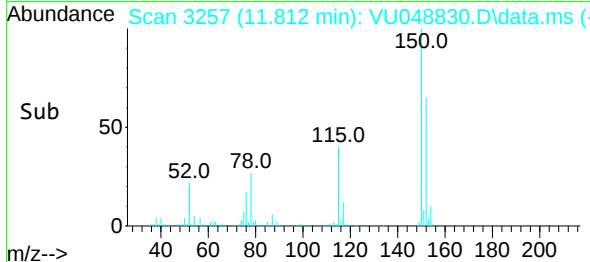
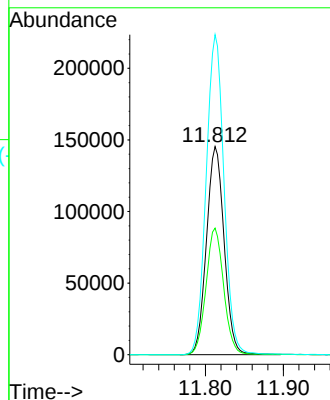
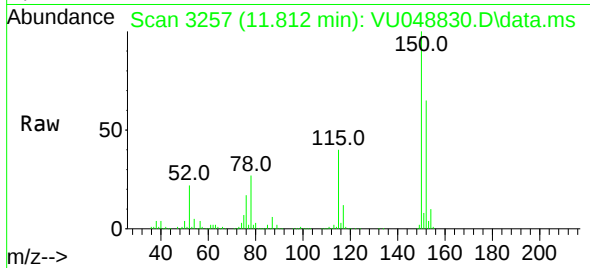




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU048830.D  
Acq: 03 Jun 2022 02:27

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Tgt Ion:152 Resp: 228880  
Ion Ratio Lower Upper  
152 100  
115 60.8 41.8 125.4  
150 155.4 0.0 341.0



#95  
Naphthalene  
Concen: 3.925 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.003 min  
Lab File: VU048830.D  
Acq: 03 Jun 2022 02:27

Tgt Ion:128 Resp: 26414  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.2 15.4  
129 11.3 8.7 13.1

