

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060222\  
 Data File : VU048836.D  
 Acq On : 03 Jun 2022 04:49  
 Operator : SY/MD  
 Sample : N3112-10  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MH-125.9T-20220527

Quant Time: Jun 03 06:56:57 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

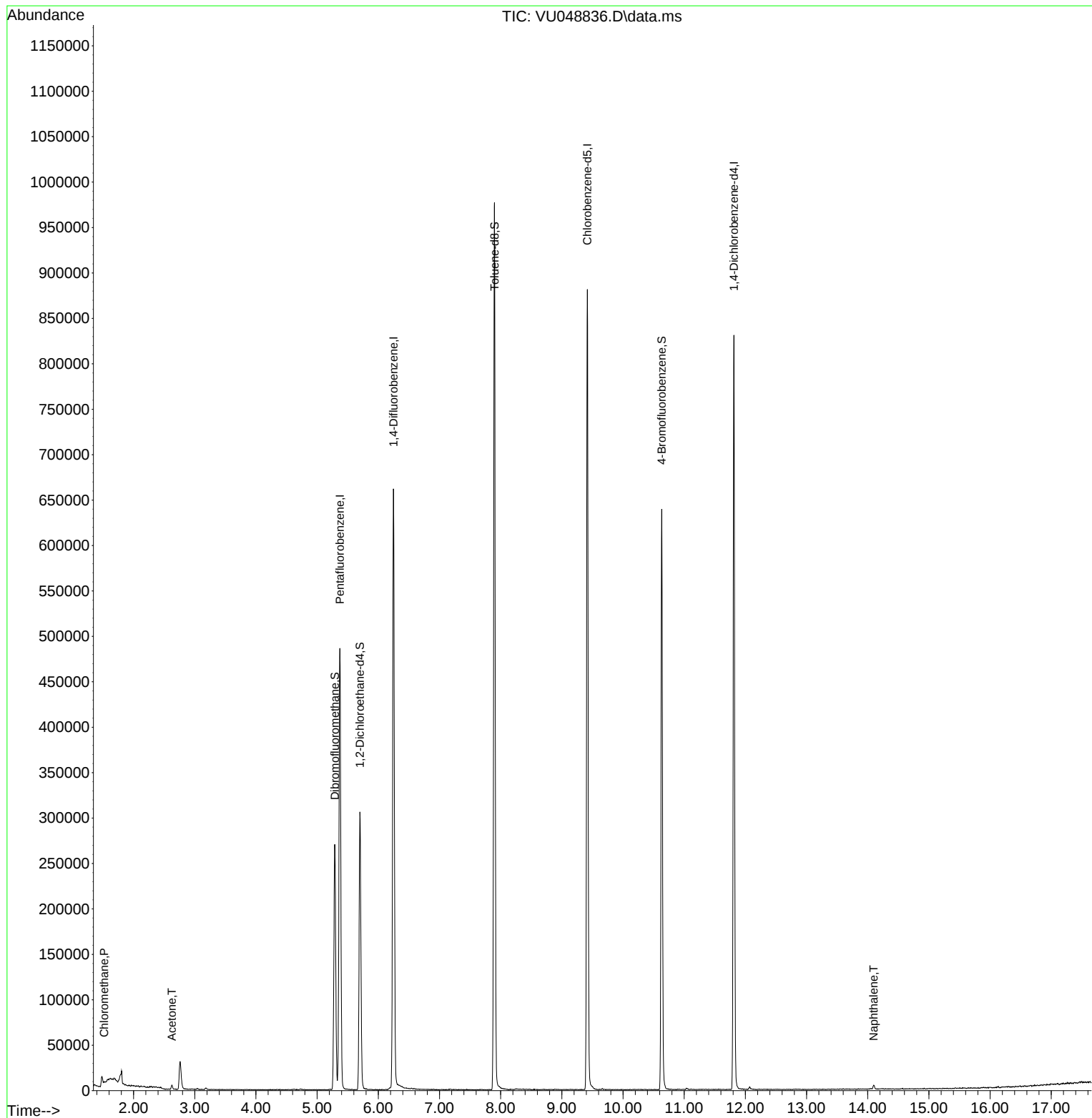
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.372  | 168   | 324614   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.250  | 114   | 533665   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.417  | 117   | 487135   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812 | 152   | 219191   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.700  | 65    | 229946   | 47.168   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 94.340%  |
| 35) Dibromofluoromethane    | 5.289  | 113   | 176440   | 46.343   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.680%  |
| 50) Toluene-d8              | 7.899  | 98    | 643415   | 47.144   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 94.280%  |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 221589   | 42.931   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 85.860%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 3) Chloromethane            | 1.520  | 50    | 1240     | 0.259    | ug/l   | 96       |
| 16) Acetone                 | 2.626  | 43    | 5301     | 2.134    | ug/l   | 96       |
| 95) Naphthalene             | 14.098 | 128   | 4589     | 2.785    | ug/l # | 95       |
| -----                       |        |       |          |          |        |          |

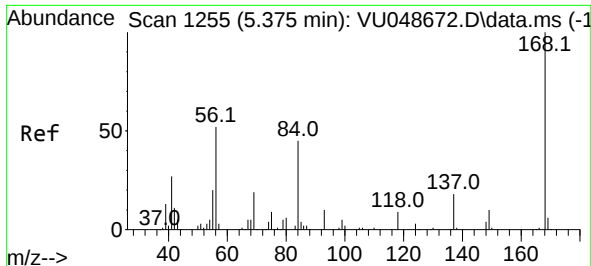
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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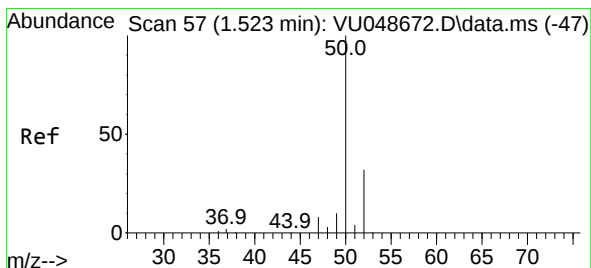
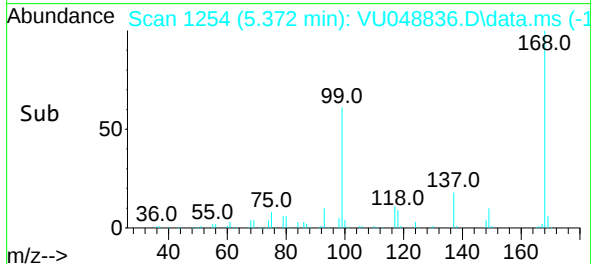
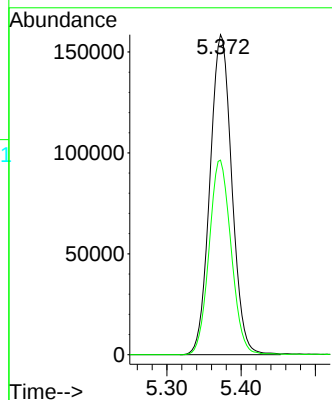
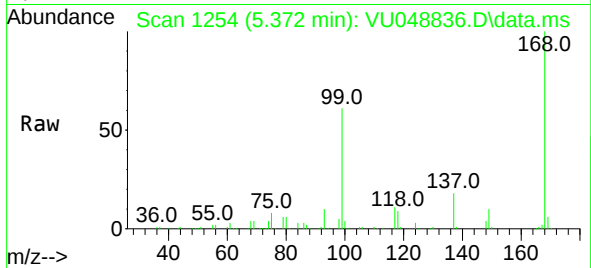




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048836.D  
Acq: 03 Jun 2022 04:49

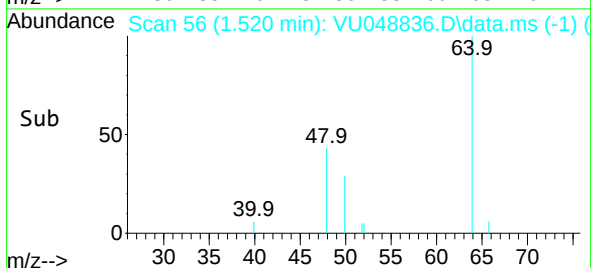
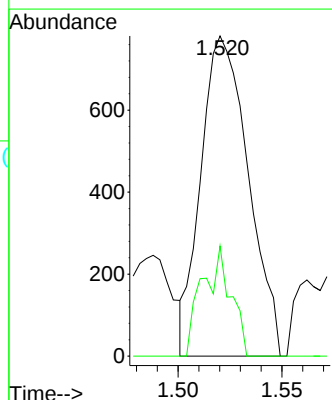
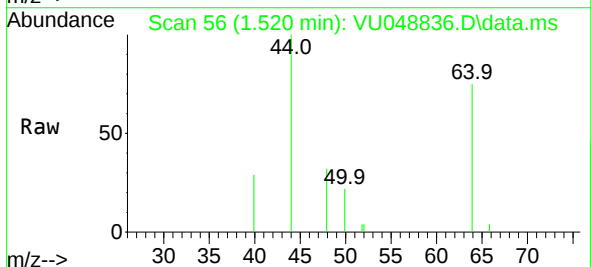
Instrument :  
MSVOA\_U  
ClientSampleId :  
MH-125.9T-20220527

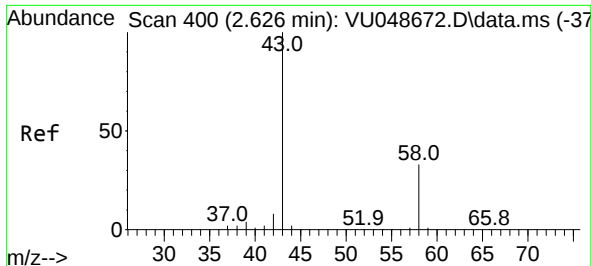
Tgt Ion:168 Resp: 324614  
Ion Ratio Lower Upper  
168 100  
99 60.8 49.3 73.9



#3  
Chloromethane  
Concen: 0.259 ug/l  
RT: 1.520 min Scan# 56  
Delta R.T. -0.003 min  
Lab File: VU048836.D  
Acq: 03 Jun 2022 04:49

Tgt Ion: 50 Resp: 1240  
Ion Ratio Lower Upper  
50 100  
52 34.4 25.7 38.5

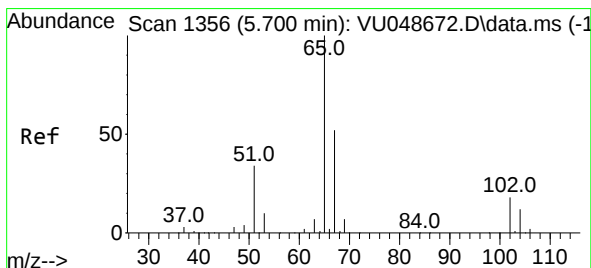
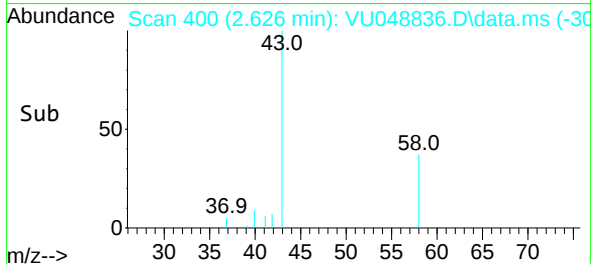
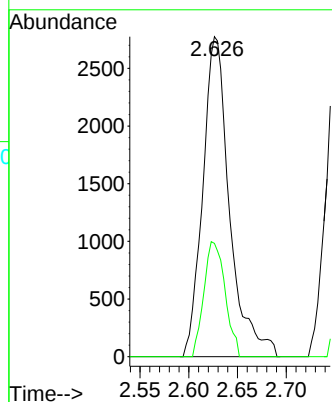
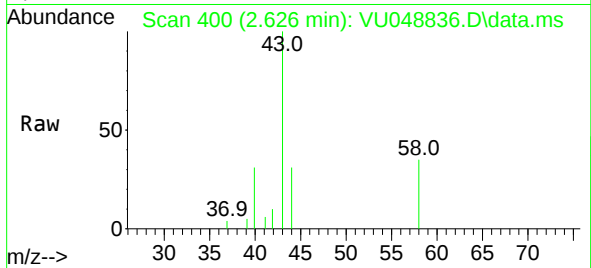




#16  
Acetone  
Concen: 2.134 ug/l  
RT: 2.626 min Scan# 400  
Delta R.T. 0.000 min  
Lab File: VU048836.D  
Acq: 03 Jun 2022 04:49

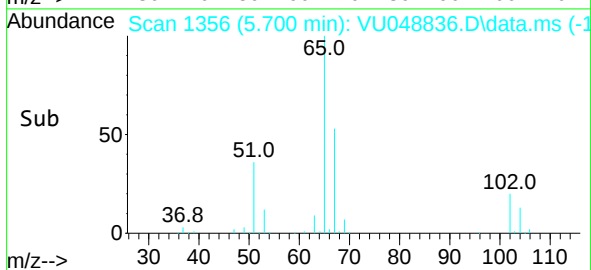
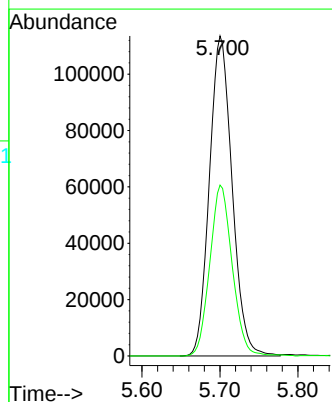
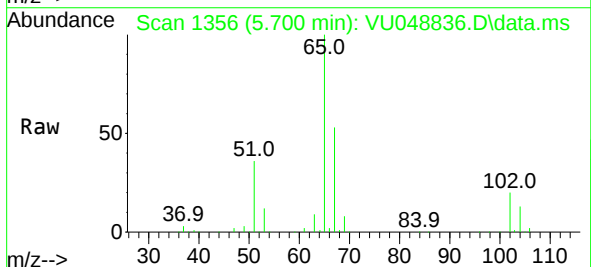
Instrument :  
MSVOA\_U  
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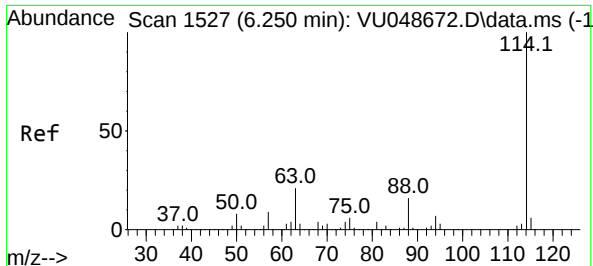
Tgt Ion: 43 Resp: 5301  
Ion Ratio Lower Upper  
43 100  
58 35.4 26.3 39.5



#33  
1,2-Dichloroethane-d4  
Concen: 47.168 ug/l  
RT: 5.700 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: VU048836.D  
Acq: 03 Jun 2022 04:49

Tgt Ion: 65 Resp: 229946  
Ion Ratio Lower Upper  
65 100  
67 52.5 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: VU048836.D

Acq: 03 Jun 2022 04:49

Instrument :

MSVOA\_U

ClientSampleId :

MH-125.9T-20220527

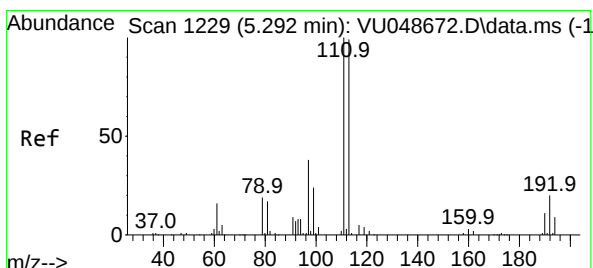
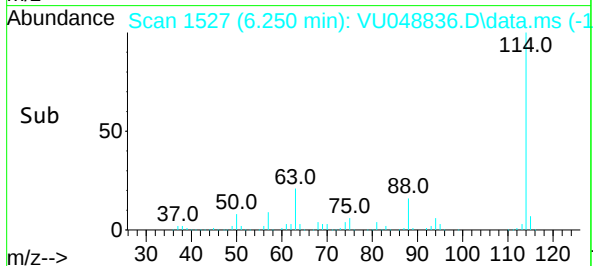
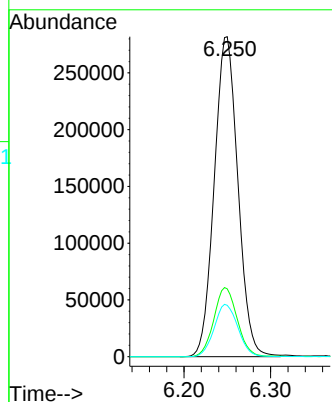
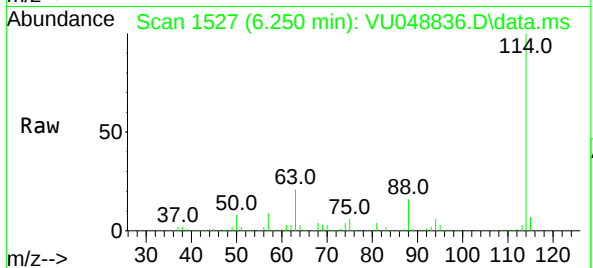
Tgt Ion:114 Resp: 533665

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.343 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048836.D

Acq: 03 Jun 2022 04:49

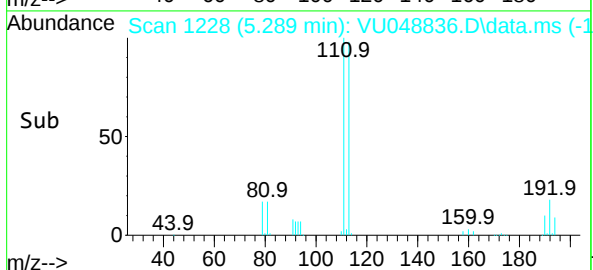
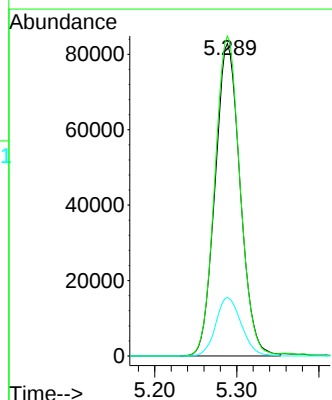
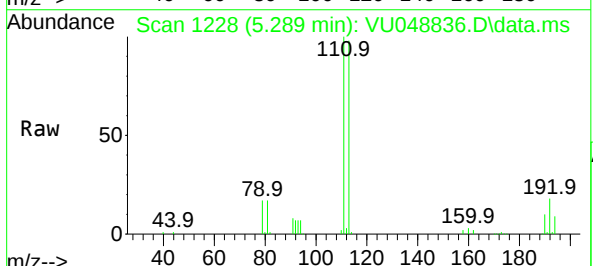
Tgt Ion:113 Resp: 176440

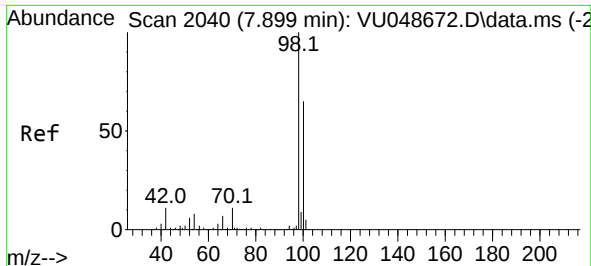
Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

192 19.0 15.9 23.9

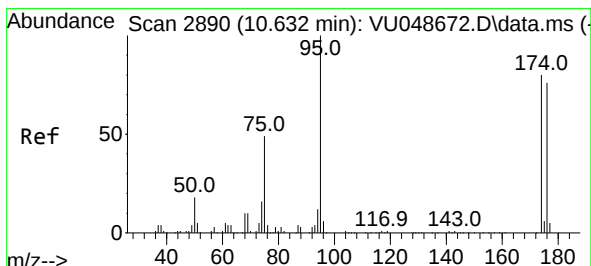
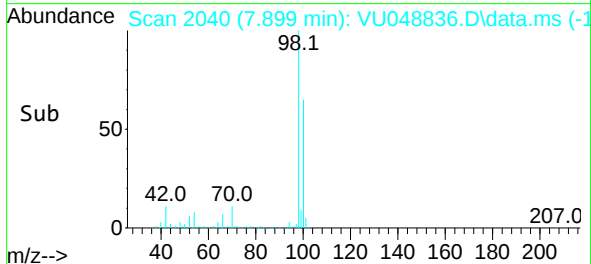
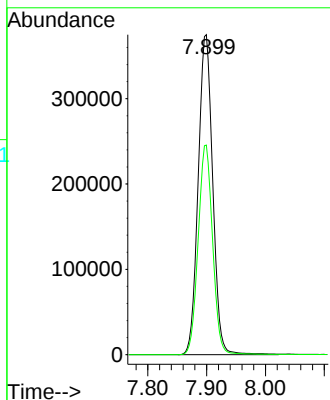
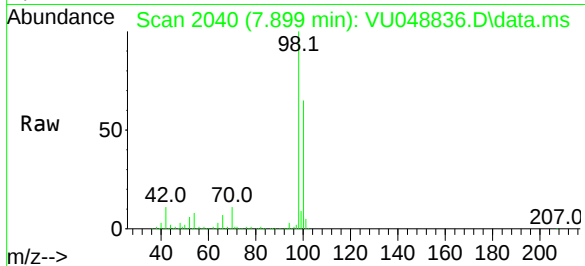




#50  
Toluene-d8  
Concen: 47.144 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VU048836.D  
Acq: 03 Jun 2022 04:49

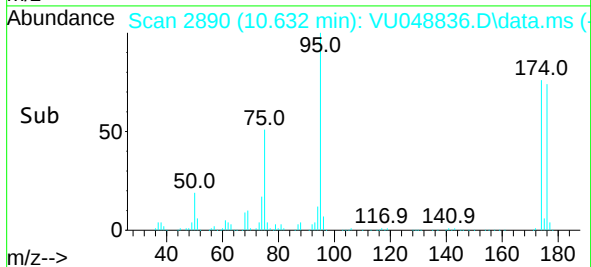
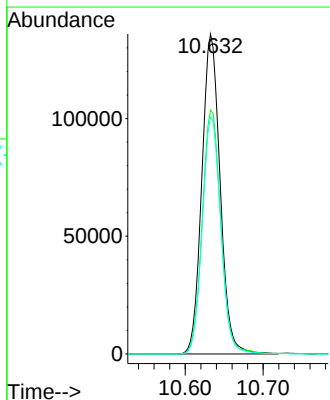
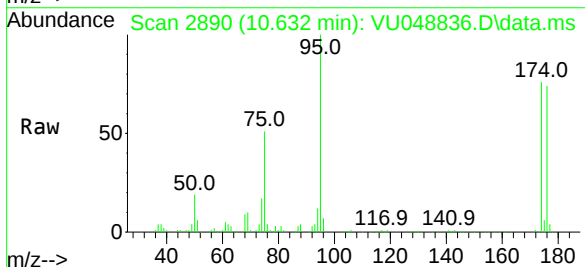
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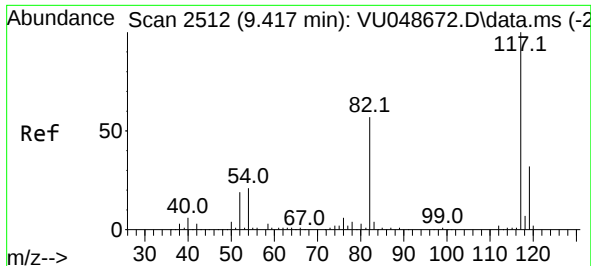
Tgt Ion: 98 Resp: 643415  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 42.931 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. 0.000 min  
Lab File: VU048836.D  
Acq: 03 Jun 2022 04:49

Tgt Ion: 95 Resp: 221589  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 159.4  
176 74.9 0.0 152.4

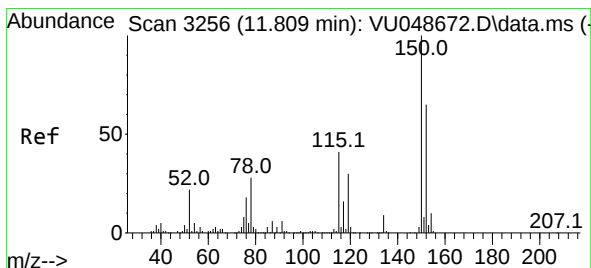
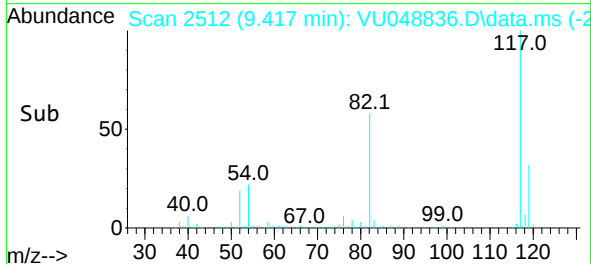
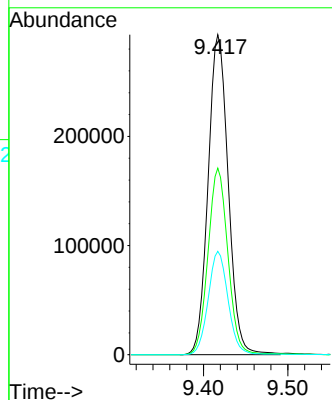
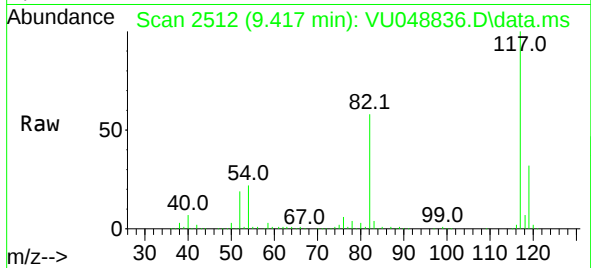




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU048836.D  
Acq: 03 Jun 2022 04:49

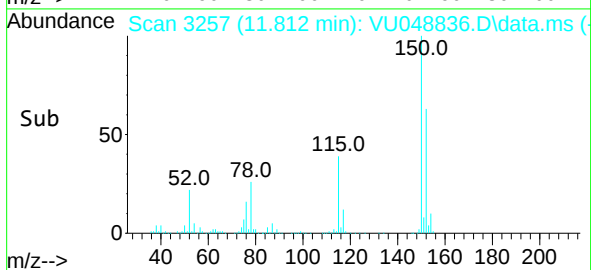
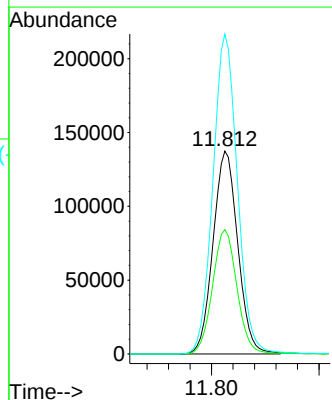
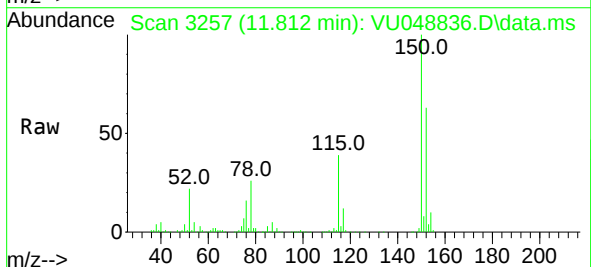
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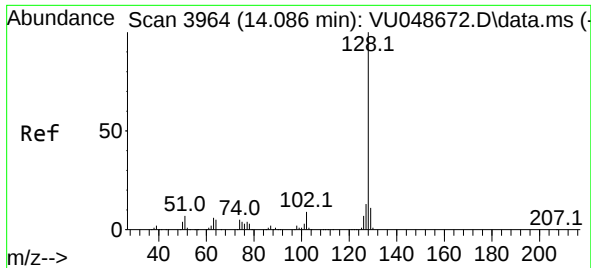
Tgt Ion:117 Resp: 487135  
Ion Ratio Lower Upper  
117 100  
82 58.3 45.3 67.9  
119 32.3 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.003 min  
Lab File: VU048836.D  
Acq: 03 Jun 2022 04:49

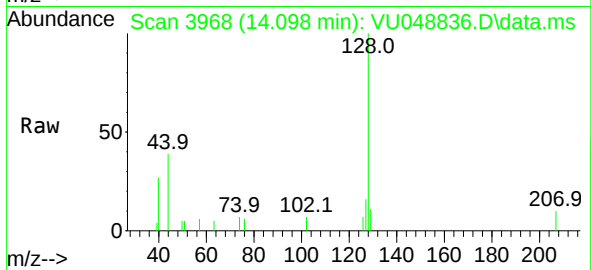
Tgt Ion:152 Resp: 219191  
Ion Ratio Lower Upper  
152 100  
115 60.6 41.8 125.4  
150 156.2 0.0 341.0





#95  
Naphthalene  
Concen: 2.785 ug/l  
RT: 14.098 min Scan# 3968  
Delta R.T. 0.012 min  
Lab File: VU048836.D  
Acq: 03 Jun 2022 04:49

Instrument : MSVOA\_U  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4589  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.5  | 10.2  | 15.4  |
| 129      | 6.8   | 8.7   | 13.1# |

