

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062822\  
 Data File : VU049479.D  
 Acq On : 28 Jun 2022 23:49  
 Operator : SY/MD  
 Sample : N3386-07DL 100X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RE108D2-20220614DL

Quant Time: Jun 29 05:24:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 10:35:43 2022  
 Response via : Initial Calibration

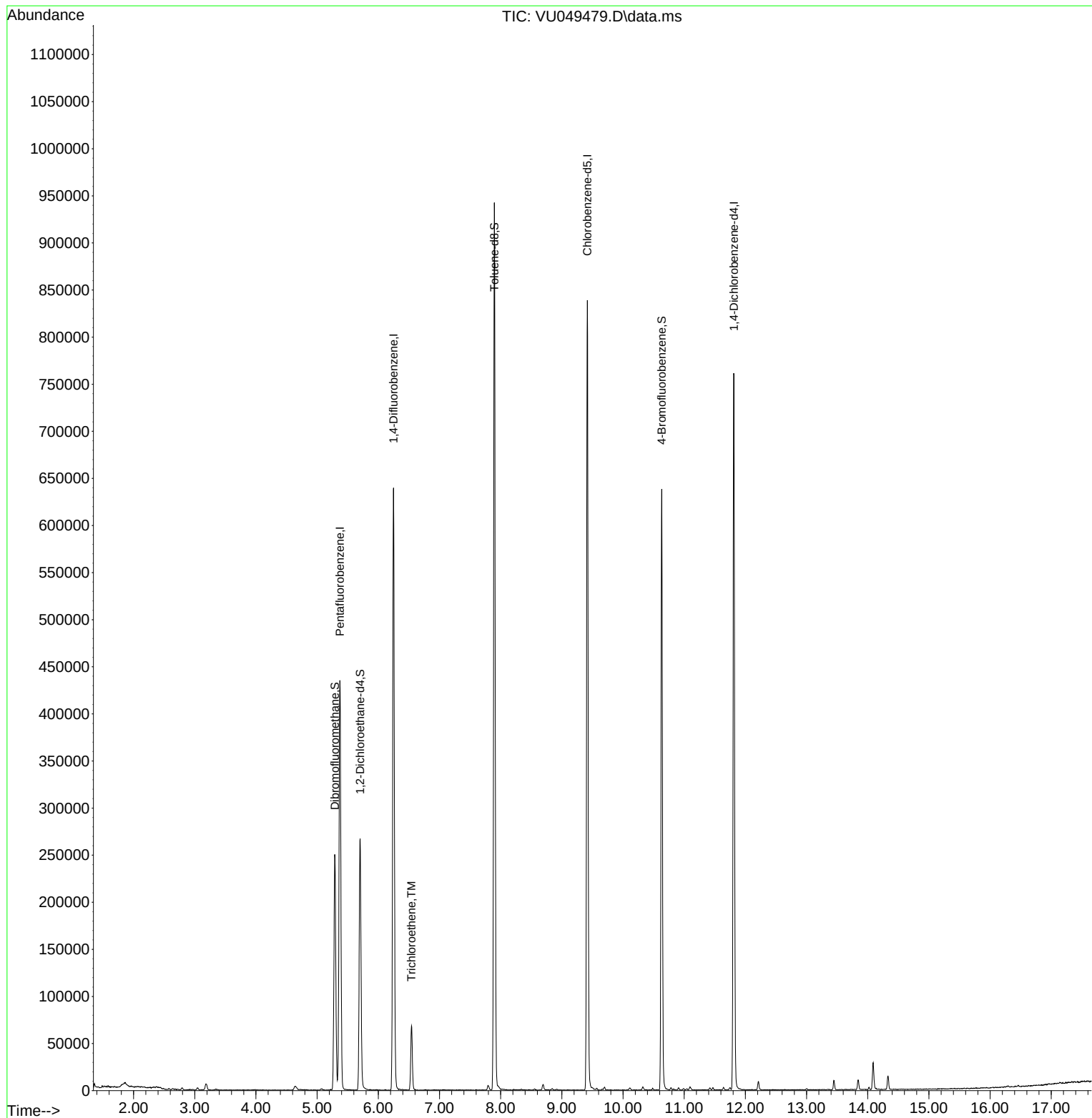
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Pentafluorobenzene       | 5.372  | 168   | 303604   | 50.000   | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 6.250  | 114   | 522442   | 50.000   | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 9.417  | 117   | 460020   | 50.000   | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 11.812 | 152   | 204191   | 50.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 201959   | 43.193   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 86.380%      |
| 35) Dibromofluoromethane    | 5.288  | 113   | 162456   | 44.446   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 88.900%      |
| 50) Toluene-d8              | 7.896  | 98    | 622668   | 47.762   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 95.520%      |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 219398   | 43.932   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 87.860%      |
| Target Compounds            |        |       |          |          |       |              |
| 44) Trichloroethene         | 6.542  | 130   | 22801    | 5.994    | ug/l  | Qvalue<br>86 |
| -----                       |        |       |          |          |       |              |

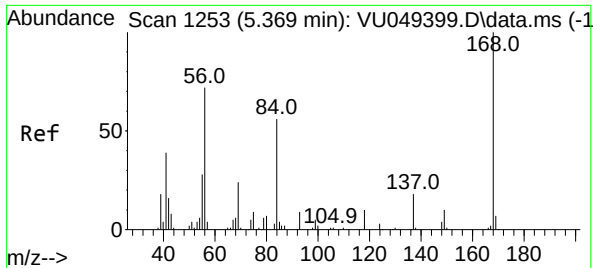
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062822\  
Data File : VU049479.D  
Acq On : 28 Jun 2022 23:49  
Operator : SY/MD  
Sample : N3386-07DL 100X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
RE108D2-20220614DL

Quant Time: Jun 29 05:24:21 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 28 10:35:43 2022  
Response via : Initial Calibration

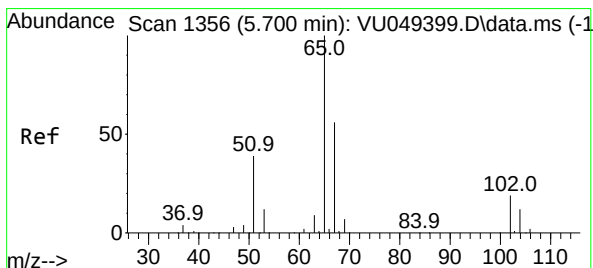
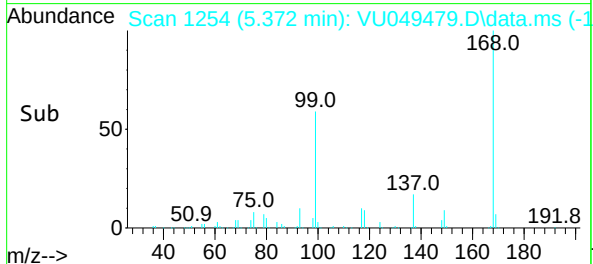
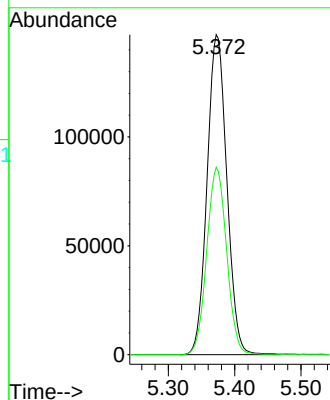
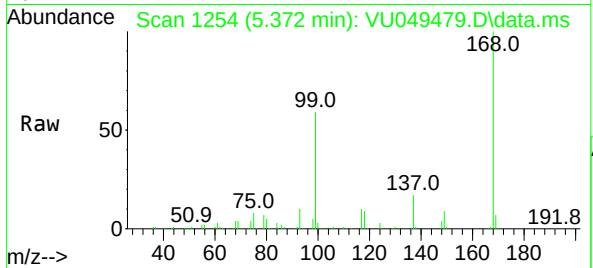




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU049479.D  
Acq: 28 Jun 2022 23:49

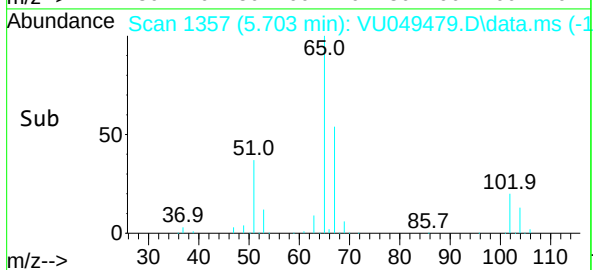
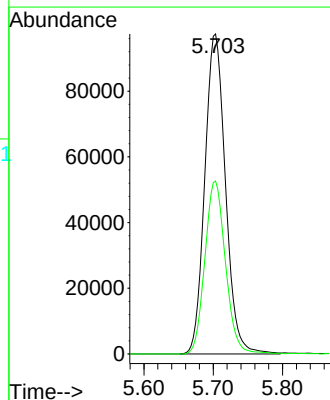
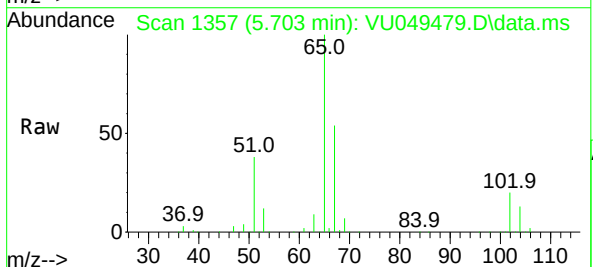
Instrument :  
MSVOA\_U  
ClientSampleId :  
RE108D2-20220614DL

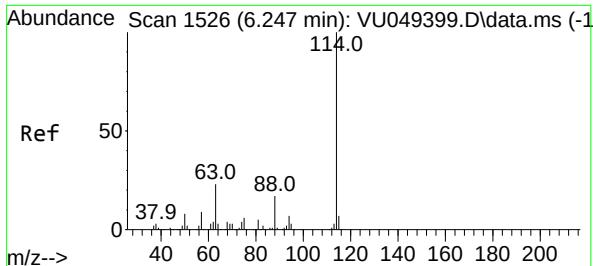
Tgt Ion:168 Resp: 303604  
Ion Ratio Lower Upper  
168 100  
99 58.5 39.3 58.9



#33  
1,2-Dichloroethane-d4  
Concen: 43.193 ug/l  
RT: 5.703 min Scan# 1357  
Delta R.T. 0.003 min  
Lab File: VU049479.D  
Acq: 28 Jun 2022 23:49

Tgt Ion: 65 Resp: 201959  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049479.D

Acq: 28 Jun 2022 23:49

Instrument :

MSVOA\_U

ClientSampleId :

RE108D2-20220614DL

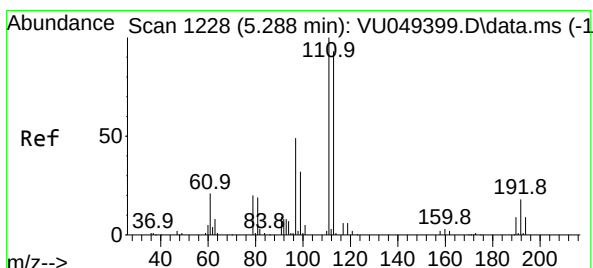
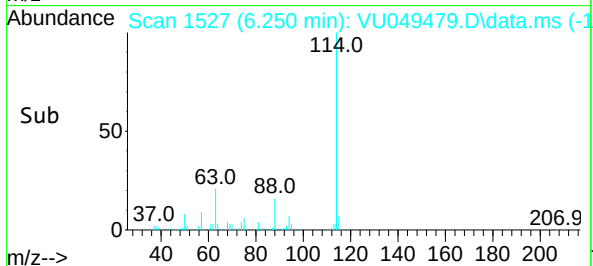
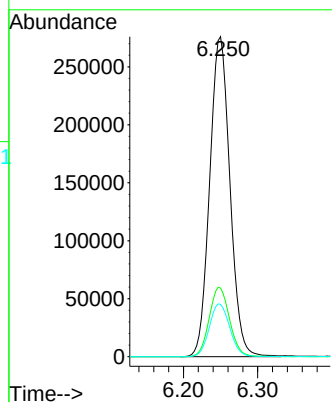
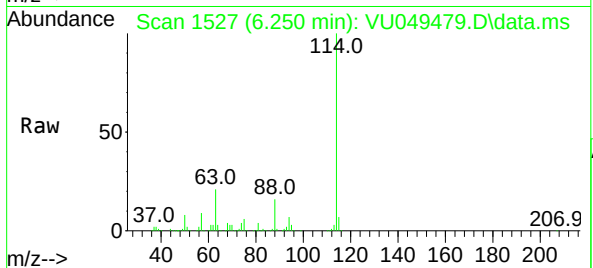
Tgt Ion:114 Resp: 522442

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.446 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049479.D

Acq: 28 Jun 2022 23:49

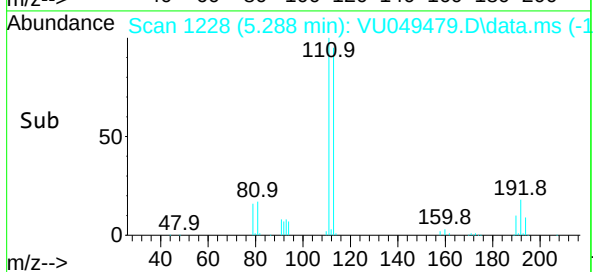
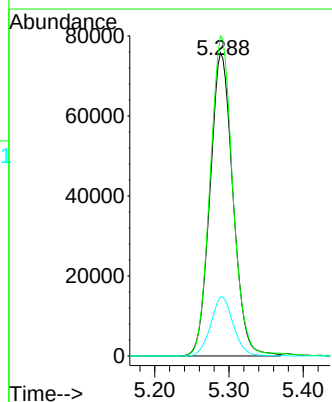
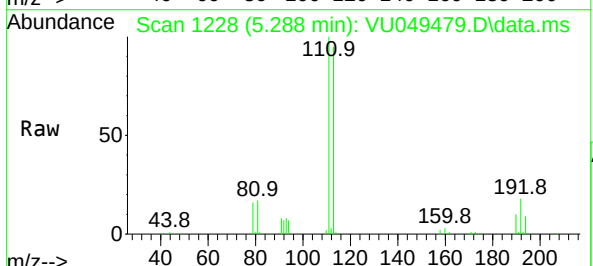
Tgt Ion:113 Resp: 162456

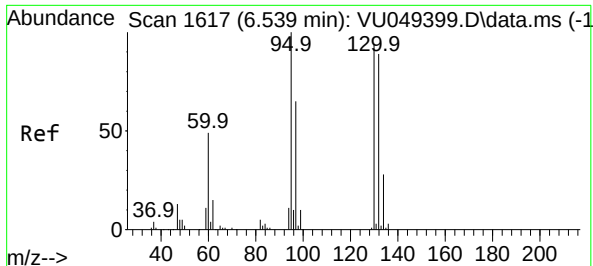
Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

192 19.2 18.0 27.0





#44

Trichloroethene

Concen: 5.994 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049479.D

Acq: 28 Jun 2022 23:49

Instrument :

MSVOA\_U

ClientSampleId :

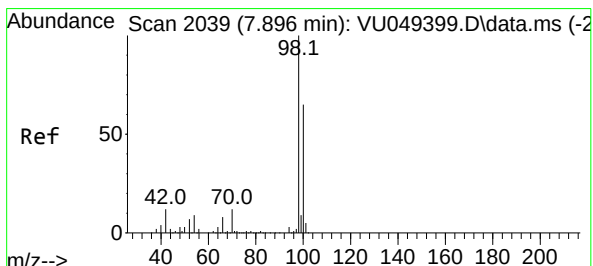
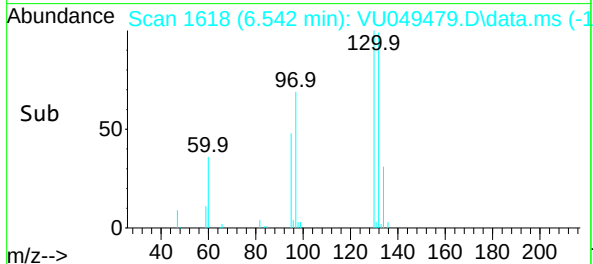
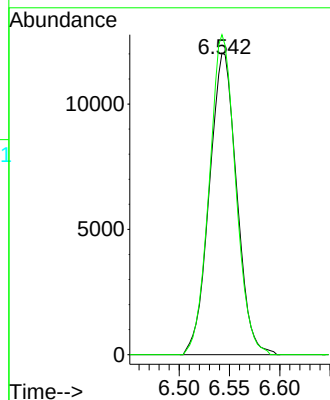
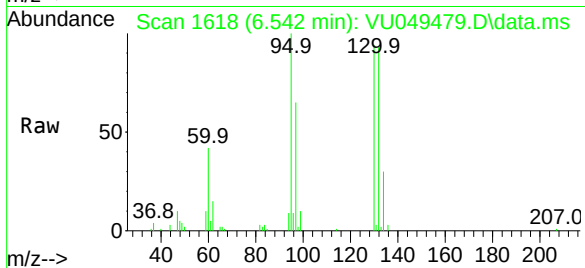
RE108D2-20220614DL

Tgt Ion:130 Resp: 22801

Ion Ratio Lower Upper

130 100

95 106.1 0.0 184.6



#50

Toluene-d8

Concen: 47.762 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049479.D

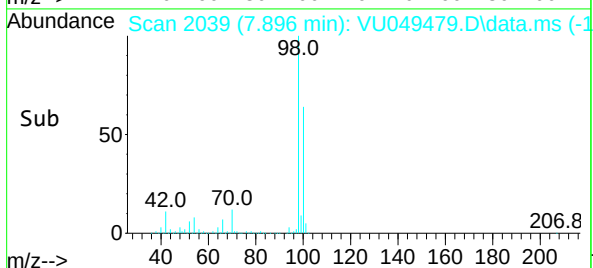
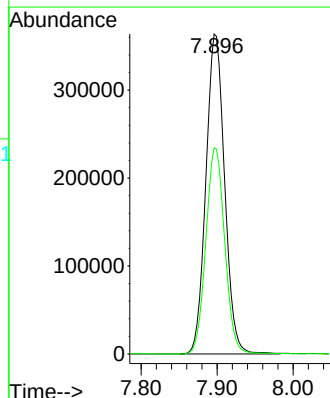
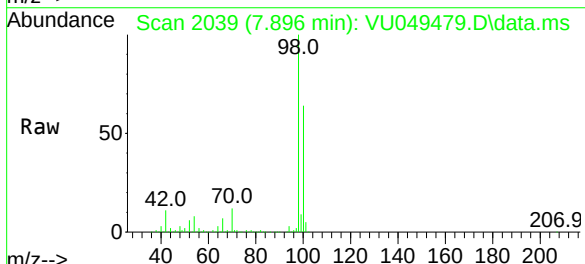
Acq: 28 Jun 2022 23:49

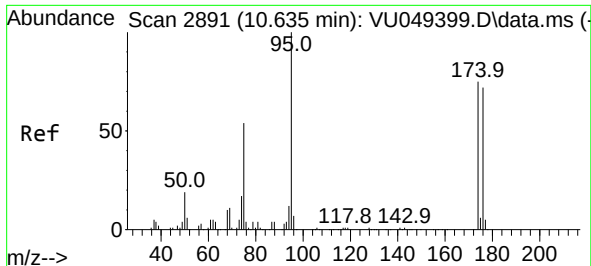
Tgt Ion: 98 Resp: 622668

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5

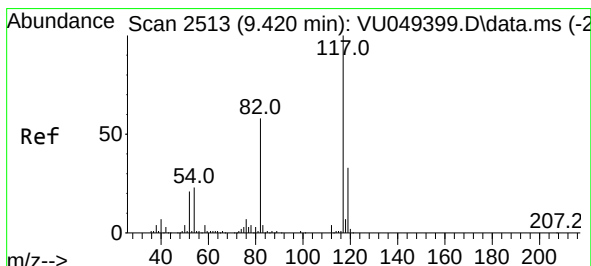
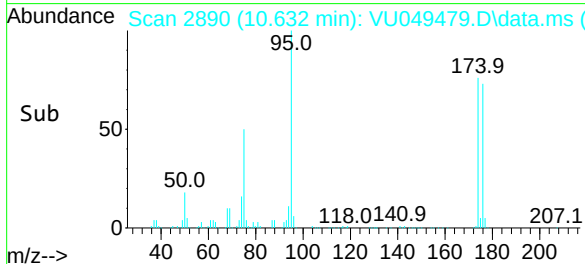
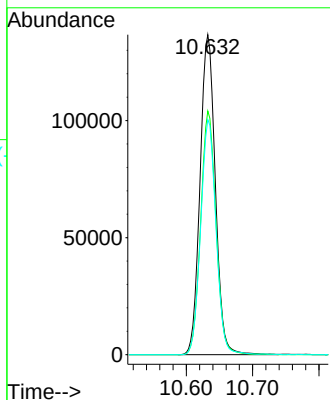
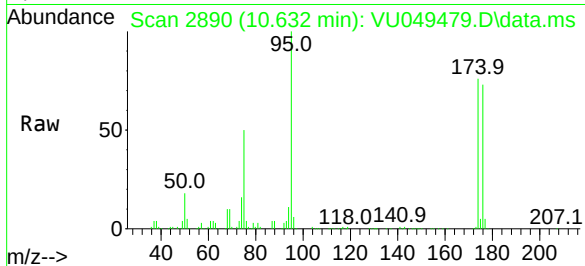




#62  
4-Bromofluorobenzene  
Concen: 43.932 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU049479.D  
Acq: 28 Jun 2022 23:49

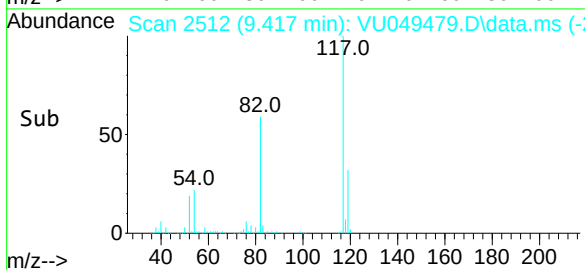
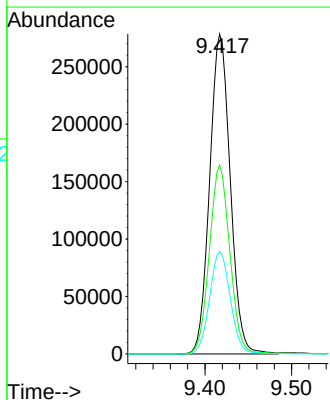
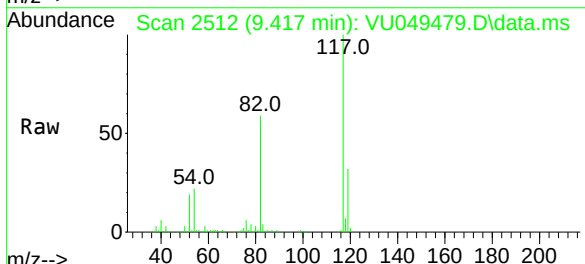
Instrument :  
MSVOA\_U  
ClientSampleId :  
RE108D2-20220614DL

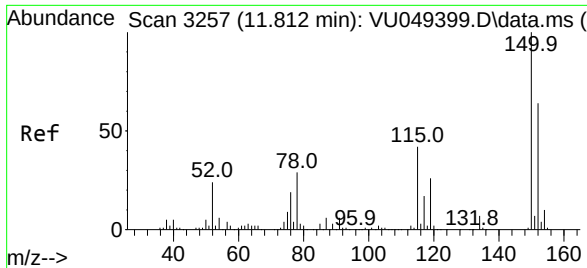
Tgt Ion: 95 Resp: 219398  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 182.0  
176 73.6 0.0 177.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. -0.003 min  
Lab File: VU049479.D  
Acq: 28 Jun 2022 23:49

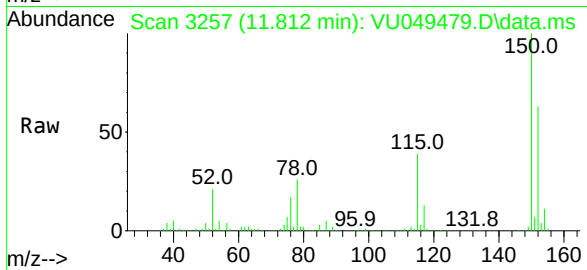
Tgt Ion: 117 Resp: 460020  
Ion Ratio Lower Upper  
117 100  
82 59.1 41.7 62.5  
119 32.0 25.7 38.5





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU049479.D  
 Acq: 28 Jun 2022 23:49

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RE108D2-20220614DL



Tgt Ion:152 Resp: 204191  
 Ion Ratio Lower Upper  
 152 100  
 115 61.7 37.0 110.9  
 150 157.9 0.0 342.2

