

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062922\  
 Data File : VU049503.D  
 Acq On : 29 Jun 2022 11:29  
 Operator : SY/MD  
 Sample : VU0629WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0629WBL01

Quant Time: Jun 30 00:47:23 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   | 278516   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.250  | 114   | 483217   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 9.417  | 117   | 428943   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812 | 152   | 182348   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 185578   | 43.265   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 86.540%  |
| 35) Dibromofluoromethane    | 5.288  | 113   | 154024   | 45.560   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 91.120%  |
| 50) Toluene-d8              | 7.899  | 98    | 576851   | 47.839   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 95.680%  |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 199098   | 43.104   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 86.200%  |

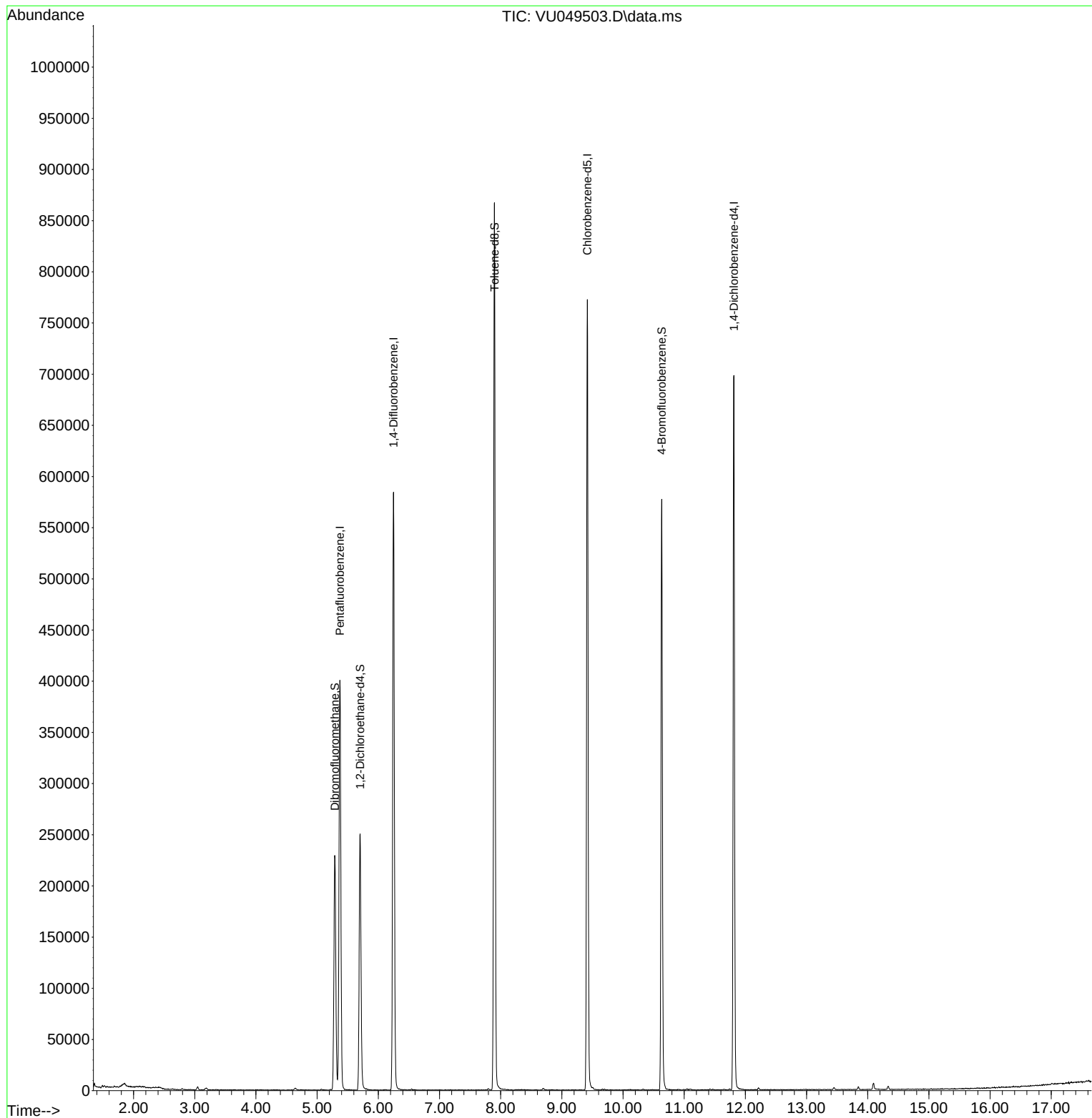
Target Compounds Qvalue

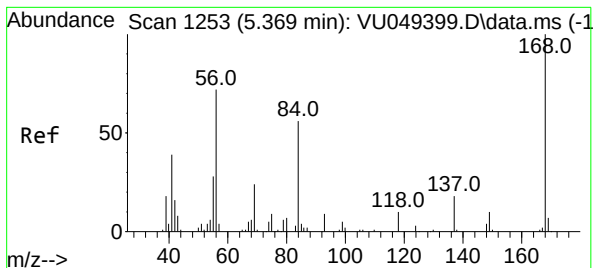
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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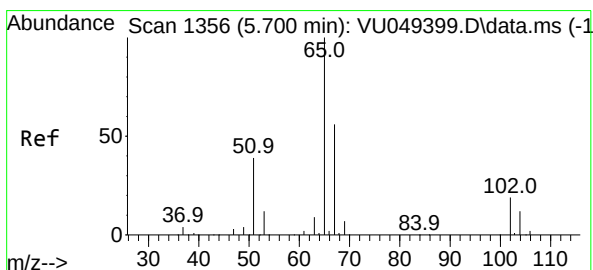
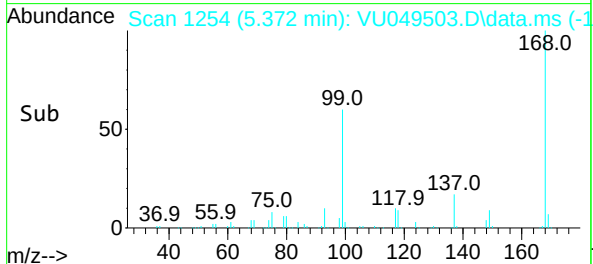
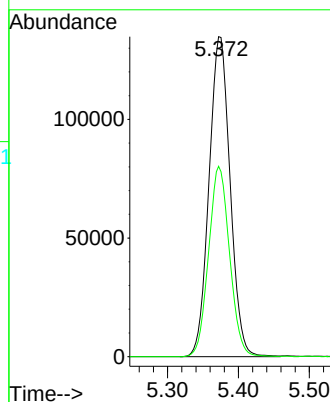
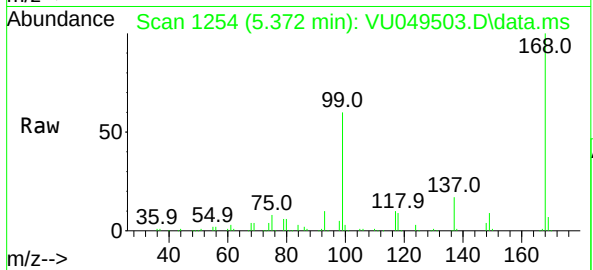




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU049503.D  
Acq: 29 Jun 2022 11:29

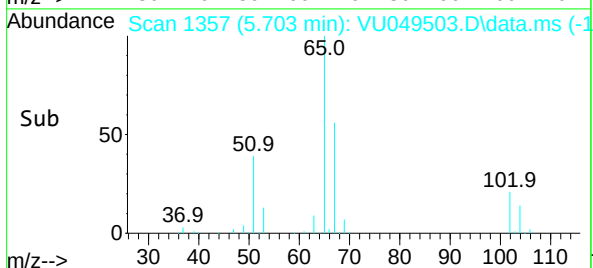
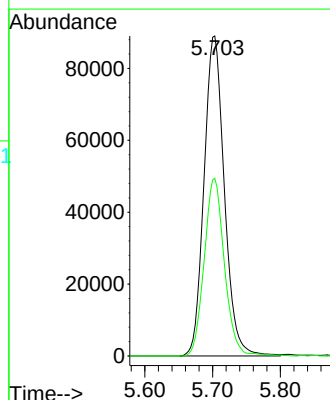
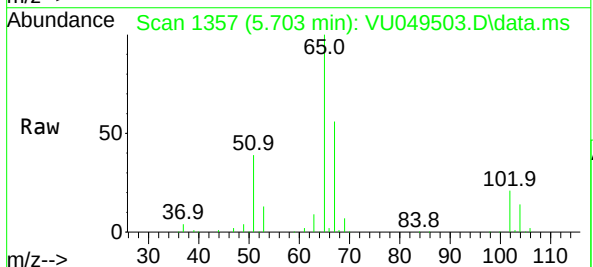
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBL01

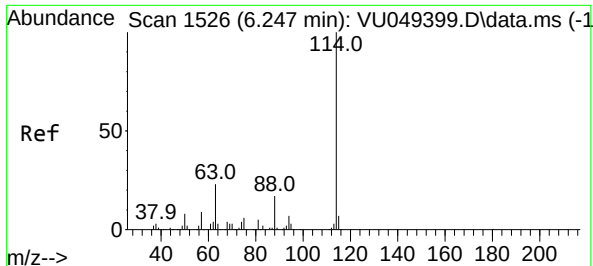
Tgt Ion:168 Resp: 278516  
Ion Ratio Lower Upper  
168 100  
99 59.5 39.3 58.9#



#33  
1,2-Dichloroethane-d4  
Concen: 43.265 ug/l  
RT: 5.703 min Scan# 1357  
Delta R.T. 0.003 min  
Lab File: VU049503.D  
Acq: 29 Jun 2022 11:29

Tgt Ion: 65 Resp: 185578  
Ion Ratio Lower Upper  
65 100  
67 55.3 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049503.D

Acq: 29 Jun 2022 11:29

Instrument :

MSVOA\_U

ClientSampleId :

VU0629WBL01

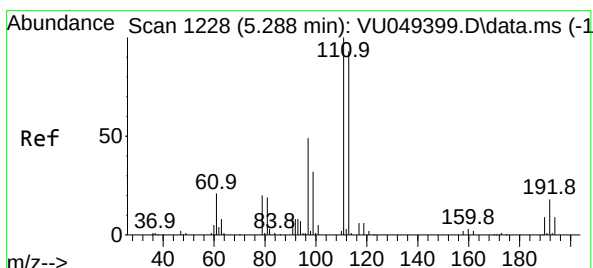
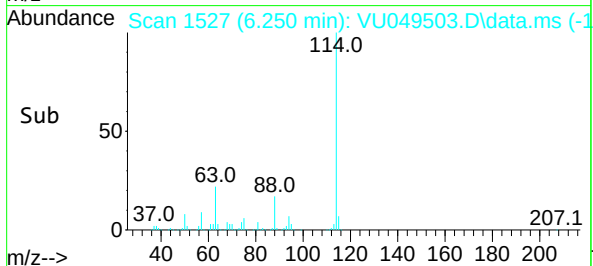
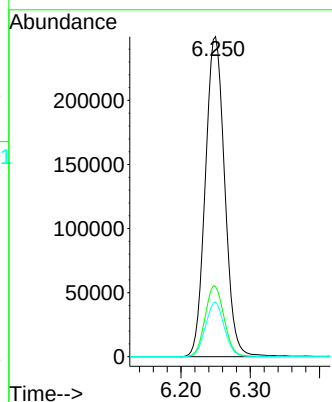
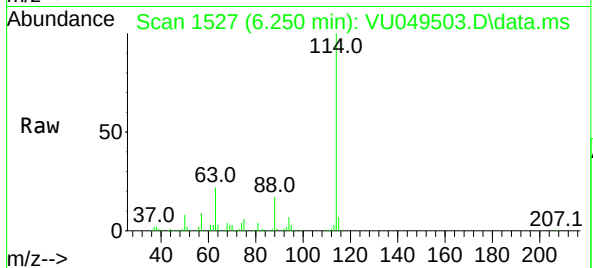
Tgt Ion:114 Resp: 483217

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 17.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.560 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049503.D

Acq: 29 Jun 2022 11:29

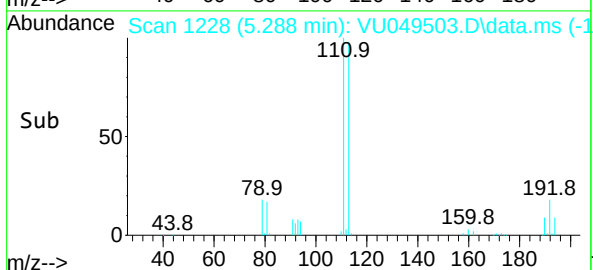
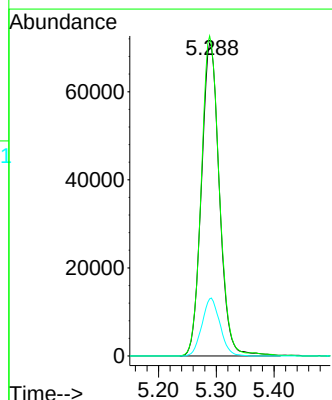
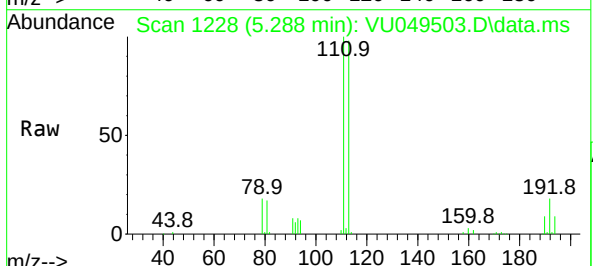
Tgt Ion:113 Resp: 154024

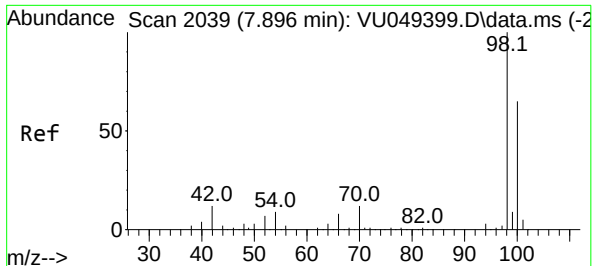
Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 18.4 18.0 27.0

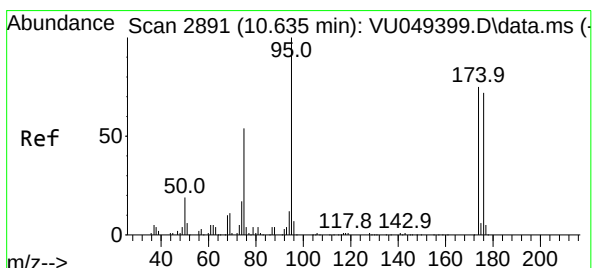
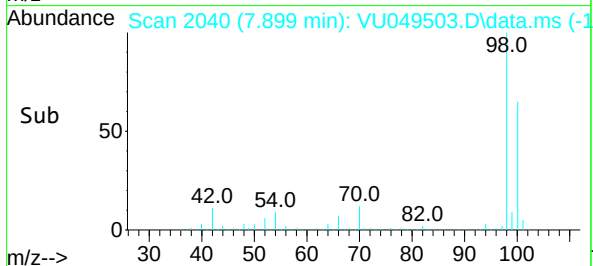
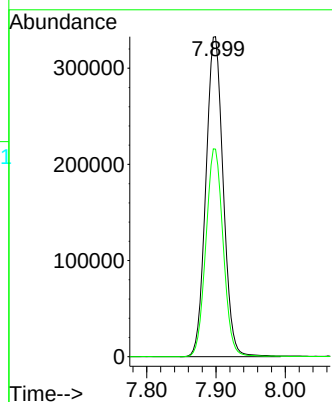
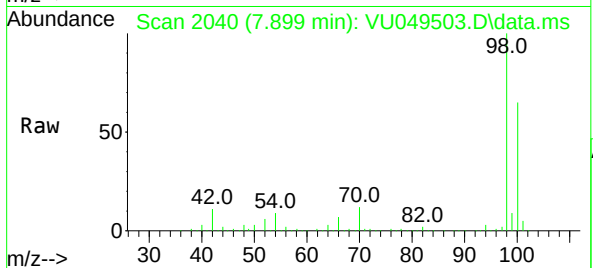




#50  
Toluene-d8  
Concen: 47.839 ug/l  
RT: 7.899 min Scan# 2039  
Delta R.T. 0.003 min  
Lab File: VU049503.D  
Acq: 29 Jun 2022 11:29

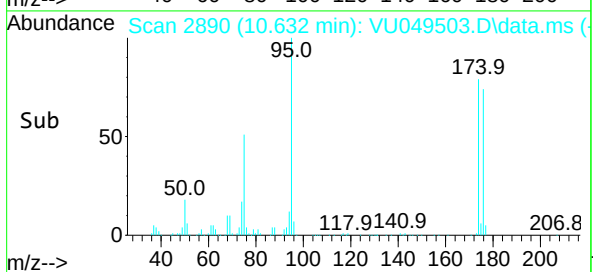
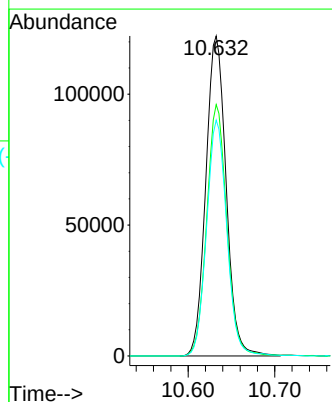
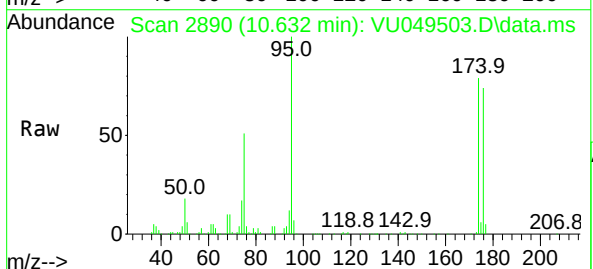
Instrument :  
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VU0629WBL01

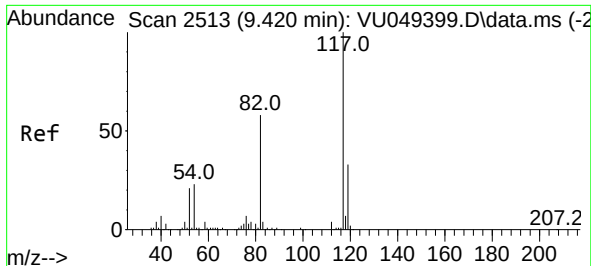
Tgt Ion: 98 Resp: 576851  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 43.104 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.003 min  
Lab File: VU049503.D  
Acq: 29 Jun 2022 11:29

Tgt Ion: 95 Resp: 199098  
Ion Ratio Lower Upper  
95 100  
174 77.6 0.0 182.0  
176 73.3 0.0 177.8

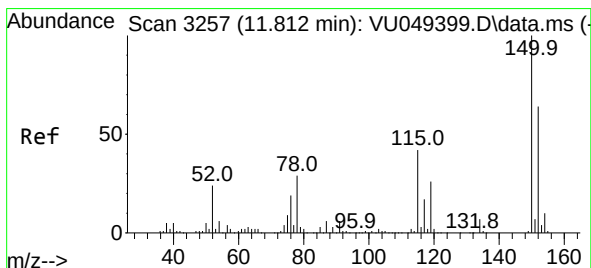
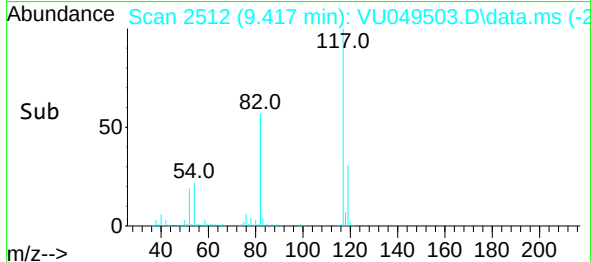
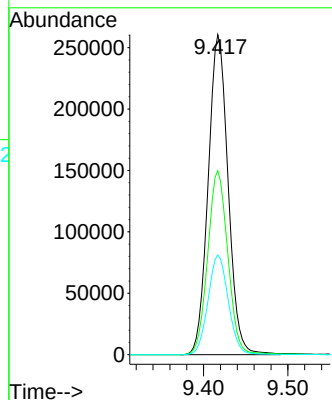
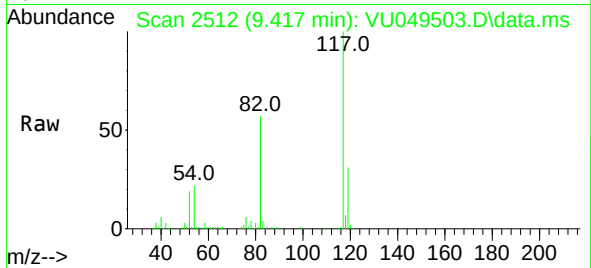




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. -0.003 min  
Lab File: VU049503.D  
Acq: 29 Jun 2022 11:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0629WBL01

Tgt Ion:117 Resp: 428943  
Ion Ratio Lower Upper  
117 100  
82 57.5 41.7 62.5  
119 31.1 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.000 min  
Lab File: VU049503.D  
Acq: 29 Jun 2022 11:29

Tgt Ion:152 Resp: 182348  
Ion Ratio Lower Upper  
152 100  
115 62.5 37.0 110.9  
150 159.5 0.0 342.2

