

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU053023\  
 Data File : VU054303.D  
 Acq On : 30 May 2023 10:38  
 Operator : JC/MD  
 Sample : VU0530WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0530WBL01

Quant Time: May 31 06:22:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052523W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 26 06:40:51 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.366  | 168  | 250385   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.244  | 114  | 415891   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.411  | 117  | 393028   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.806 | 152  | 192425   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.694  | 65    | 171376   | 52.212   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 104.420% |
| 35) Dibromofluoromethane    | 5.282  | 113   | 139836   | 52.212   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 104.420% |
| 50) Toluene-d8              | 7.893  | 98    | 513655   | 50.422   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 100.840% |
| 62) 4-Bromofluorobenzene    | 10.626 | 95    | 179591   | 45.466   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.940%  |

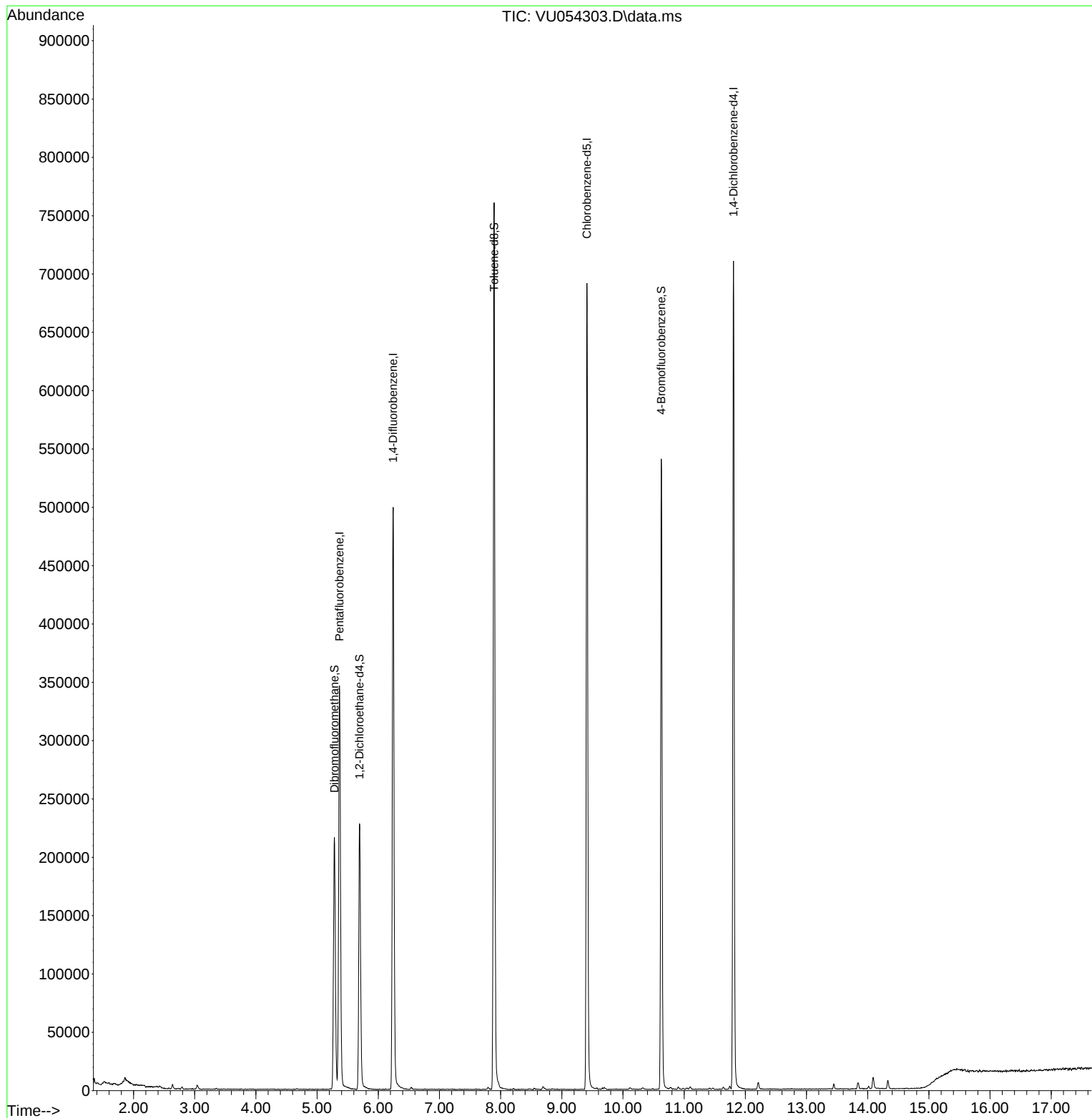
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

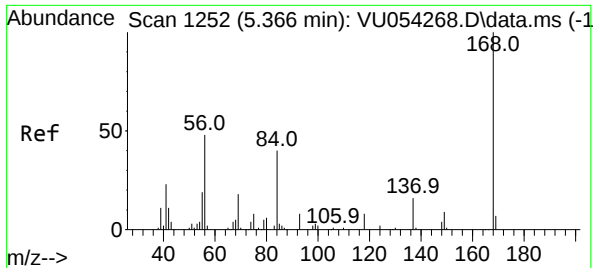
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU053023\  
Data File : VU054303.D  
Acq On : 30 May 2023 10:38  
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Sample : VU0530WBL01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0530WBL01

Quant Time: May 31 06:22:24 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052523W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 26 06:40:51 2023  
Response via : Initial Calibration

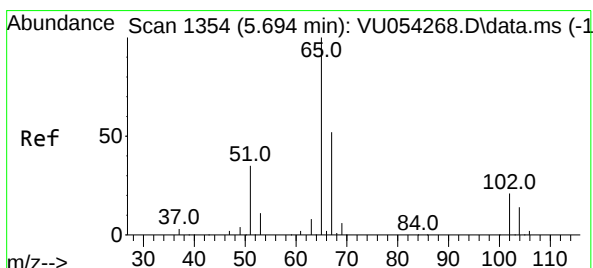
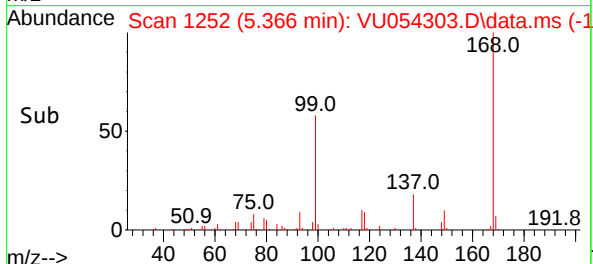
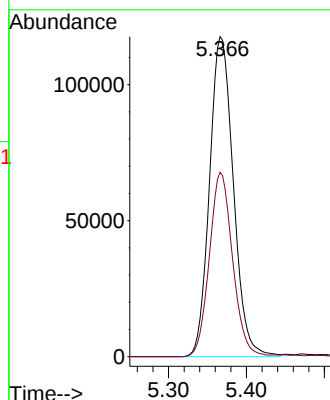
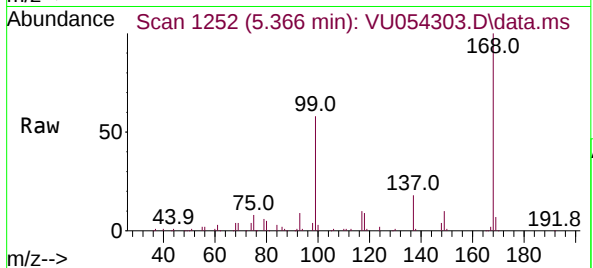




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU054303.D  
Acq: 30 May 2023 10:38

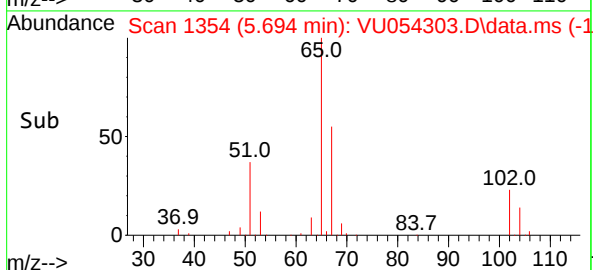
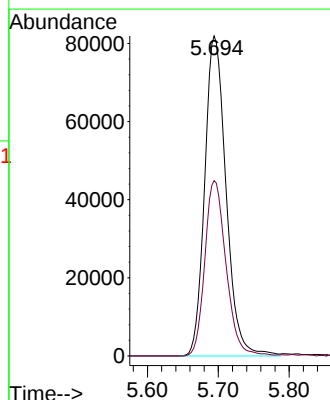
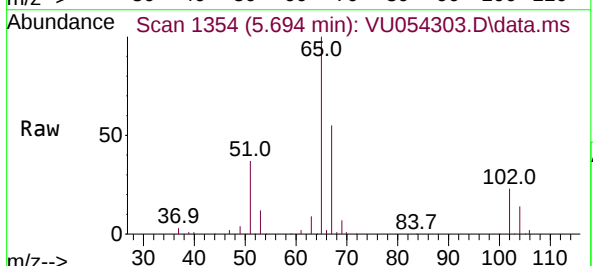
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0530WBL01

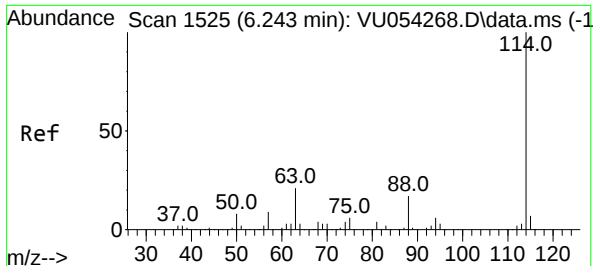
Tgt Ion:168 Resp: 250385  
Ion Ratio Lower Upper  
168 100  
99 57.6 39.3 58.9



#33  
1,2-Dichloroethane-d4  
Concen: 52.212 ug/l  
RT: 5.694 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VU054303.D  
Acq: 30 May 2023 10:38

Tgt Ion: 65 Resp: 171376  
Ion Ratio Lower Upper  
65 100  
67 54.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 11

Delta R.T. 0.001 min

Lab File: VU054303.D

Acq: 30 May 2023 10:38

Instrument :

MSVOA\_U

ClientSampleId :

VU0530WBL01

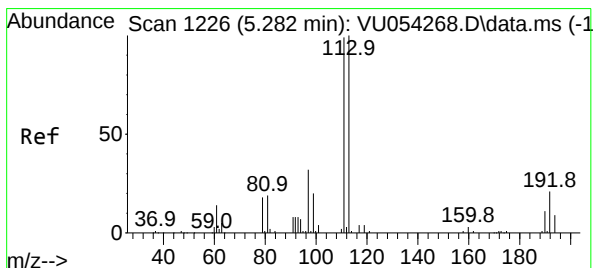
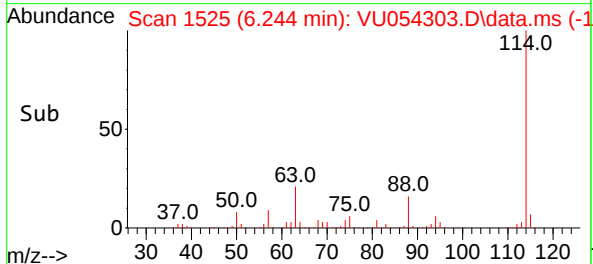
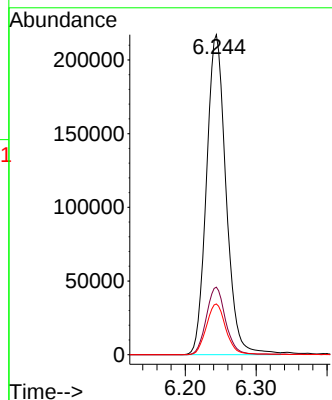
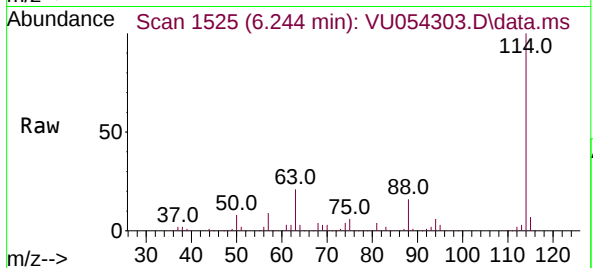
Tgt Ion:114 Resp: 415891

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 15.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.212 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054303.D

Acq: 30 May 2023 10:38

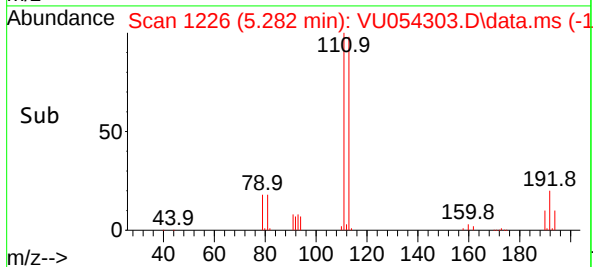
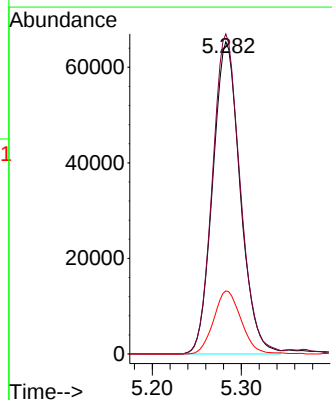
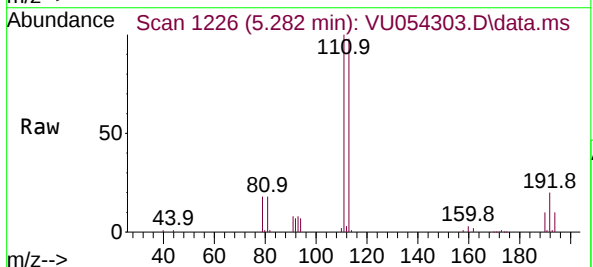
Tgt Ion:113 Resp: 139836

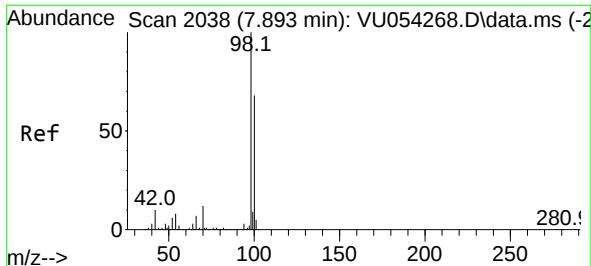
Ion Ratio Lower Upper

113 100

111 103.3 82.1 123.1

192 20.2 18.0 27.0

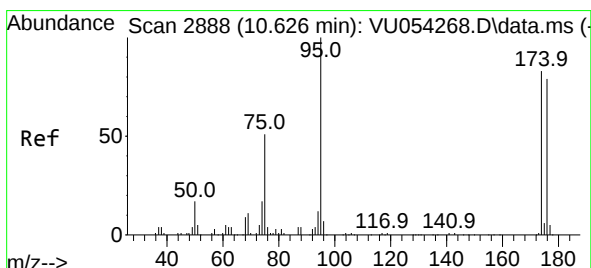
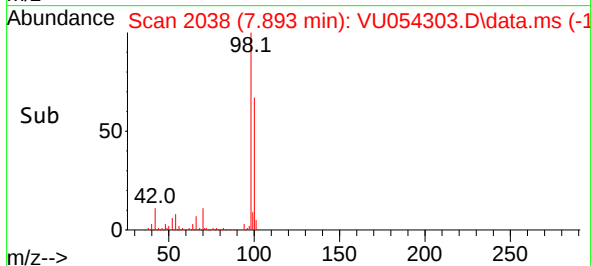
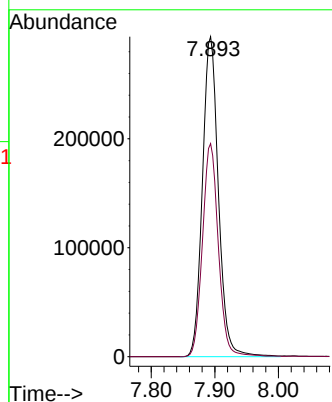
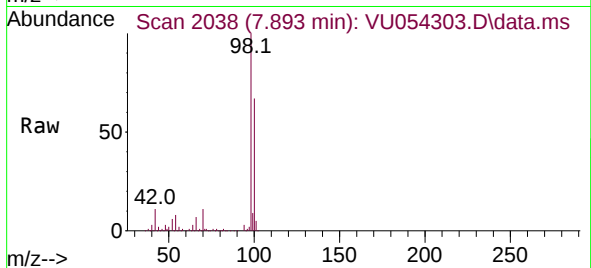




#50  
Toluene-d8  
Concen: 50.422 ug/l  
RT: 7.893 min Scan# 2038  
Delta R.T. 0.000 min  
Lab File: VU054303.D  
Acq: 30 May 2023 10:38

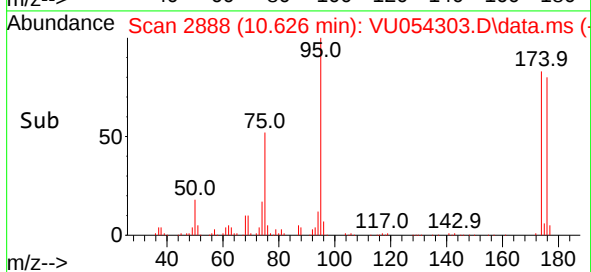
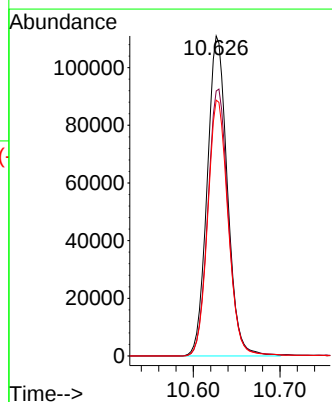
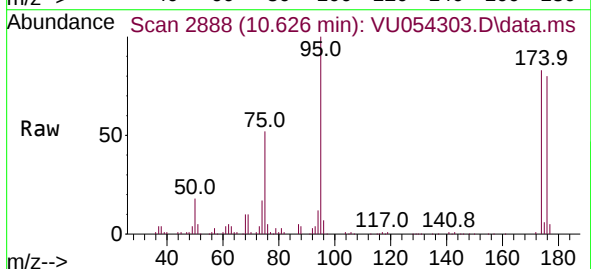
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0530WBL01

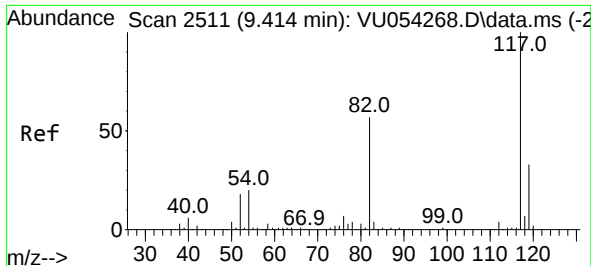
Tgt Ion: 98 Resp: 513655  
Ion Ratio Lower Upper  
98 100  
100 66.0 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 45.466 ug/l  
RT: 10.626 min Scan# 2888  
Delta R.T. 0.000 min  
Lab File: VU054303.D  
Acq: 30 May 2023 10:38

Tgt Ion: 95 Resp: 179591  
Ion Ratio Lower Upper  
95 100  
174 84.7 0.0 182.0  
176 80.9 0.0 177.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.411 min Scan# 2511

Delta R.T. -0.003 min

Lab File: VU054303.D

Acq: 30 May 2023 10:38

Instrument :

MSVOA\_U

ClientSampleId :

VU0530WBL01

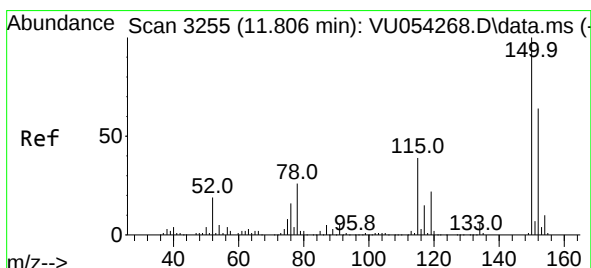
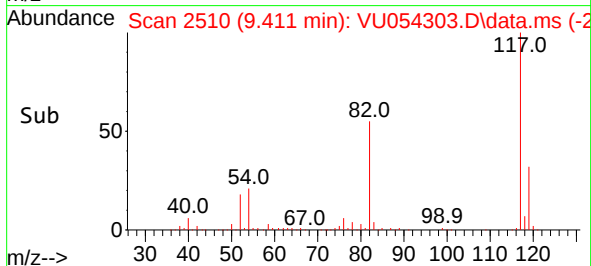
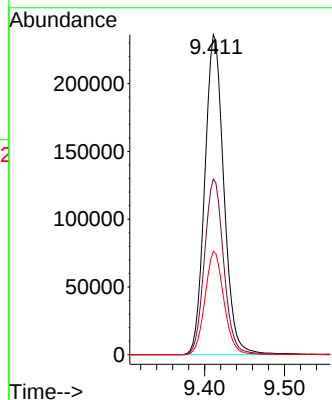
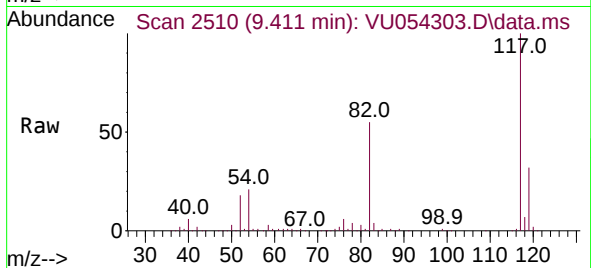
Tgt Ion:117 Resp: 393028

Ion Ratio Lower Upper

117 100

82 54.9 41.7 62.5

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. 0.000 min

Lab File: VU054303.D

Acq: 30 May 2023 10:38

Tgt Ion:152 Resp: 192425

Ion Ratio Lower Upper

152 100

115 58.4 37.0 110.9

150 158.6 0.0 342.2

