

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060322\  
 Data File : VU048849.D  
 Acq On : 03 Jun 2022 11:53  
 Operator : SY/MD  
 Sample : VU0603WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0603WBL01

Quant Time: Jun 04 04:33:56 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   | 308831   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.247  | 114   | 486887   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 9.417  | 117   | 454699   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812 | 152   | 186519   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.700  | 65    | 222503   | 47.973   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.940%  |
| 35) Dibromofluoromethane    | 5.289  | 113   | 166843   | 48.032   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 96.060%  |
| 50) Toluene-d8              | 7.896  | 98    | 611709   | 49.127   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 98.260%  |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 199528   | 42.371   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 84.740%  |

Target Compounds Qvalue

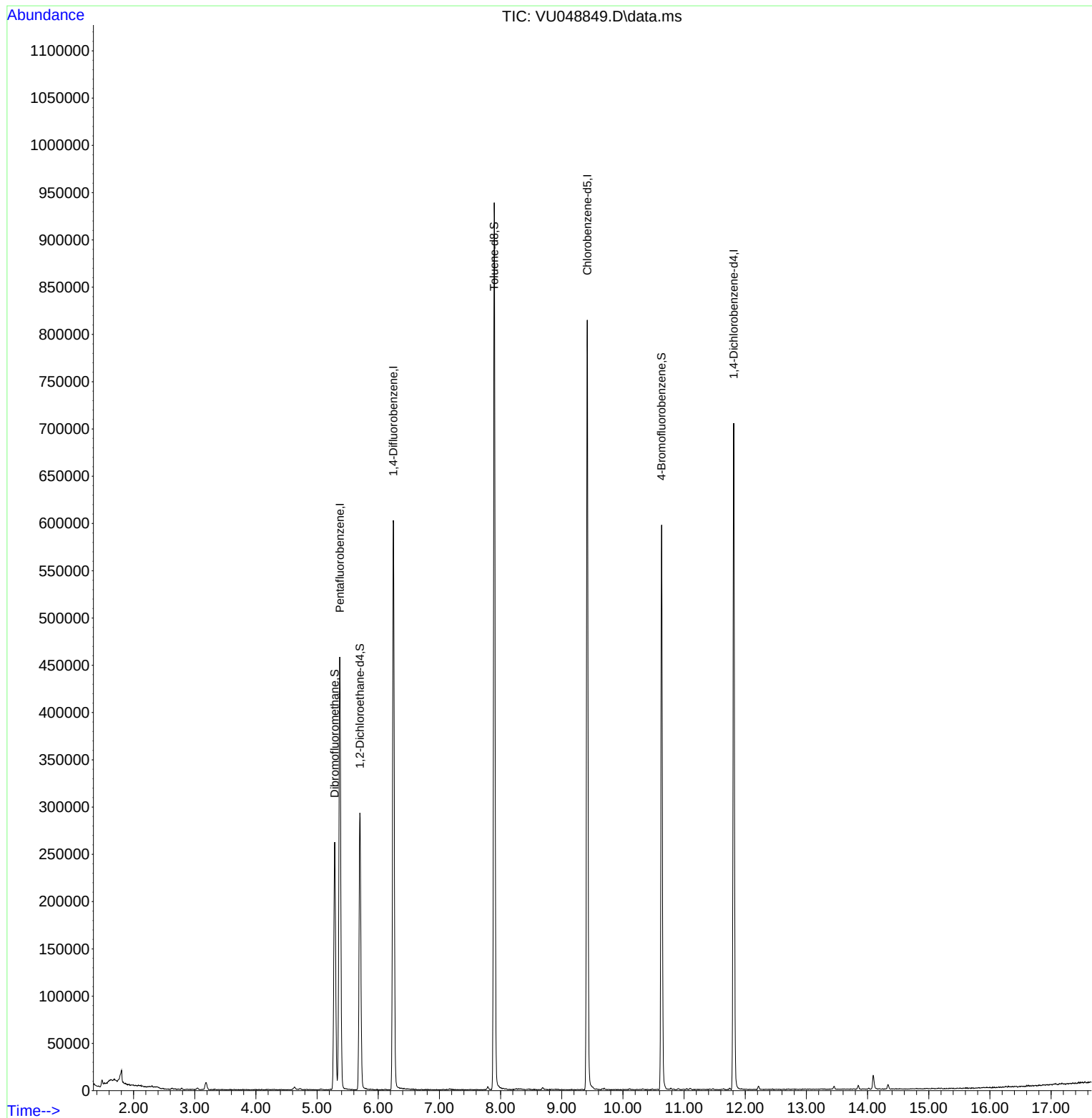
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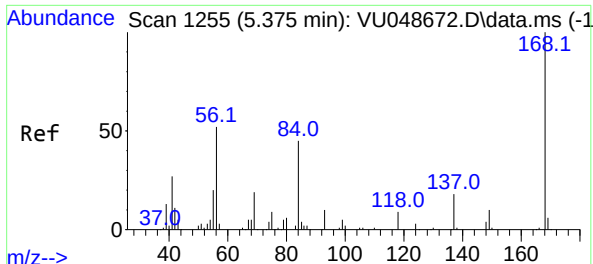
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0603WBL01

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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

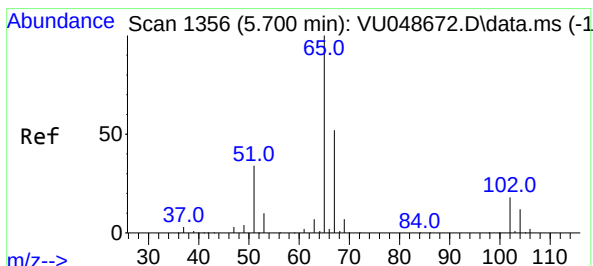
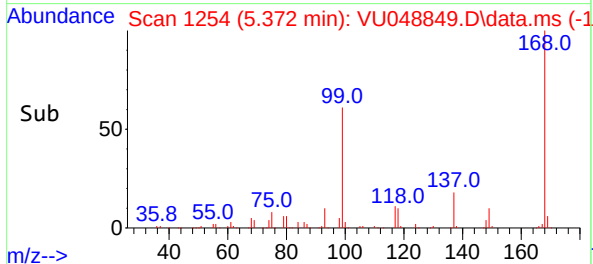
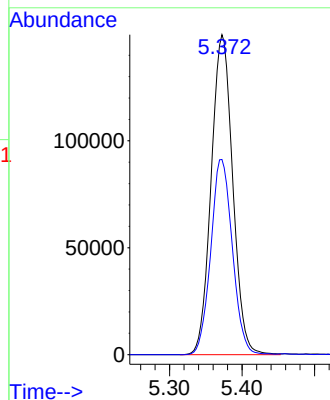
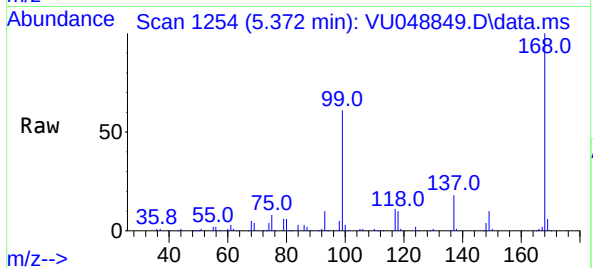




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 1255  
Delta R.T. -0.003 min  
Lab File: VU048849.D  
Acq: 03 Jun 2022 11:53

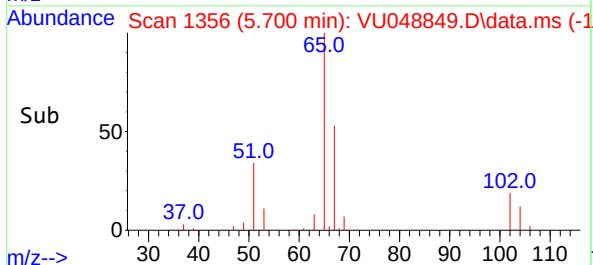
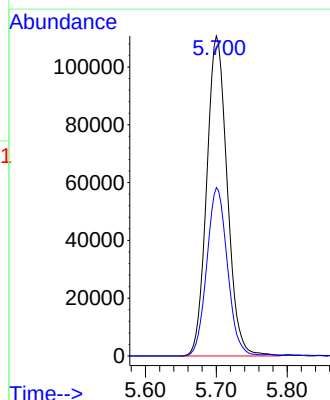
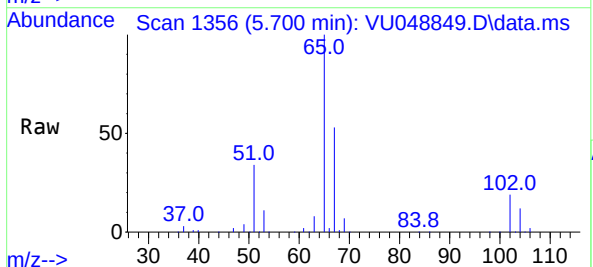
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0603WBL01

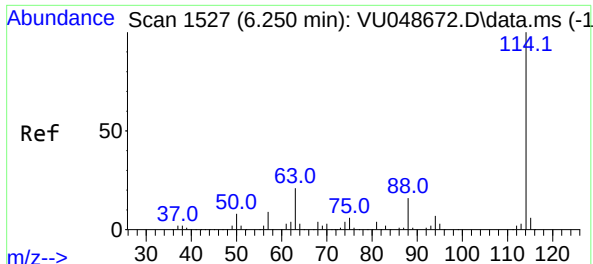
Tgt Ion:168 Resp: 308831  
Ion Ratio Lower Upper  
168 100  
99 61.0 49.3 73.9



#33  
1,2-Dichloroethane-d4  
Concen: 47.973 ug/l  
RT: 5.700 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: VU048849.D  
Acq: 03 Jun 2022 11:53

Tgt Ion: 65 Resp: 222503  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 103.0

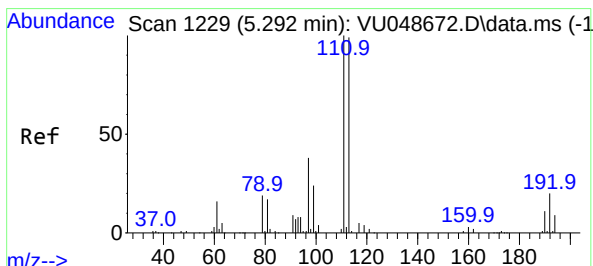
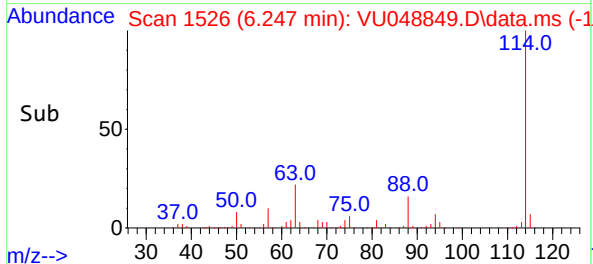
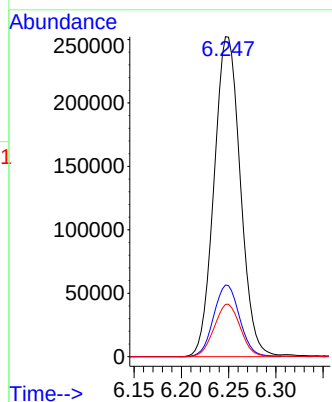
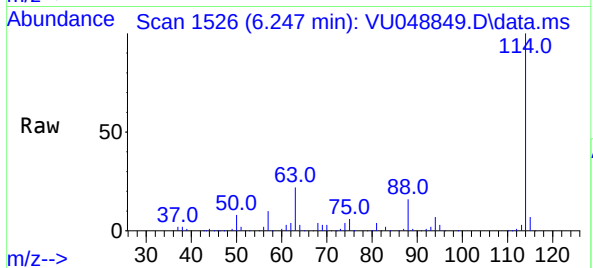




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.247 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048849.D  
Acq: 03 Jun 2022 11:53

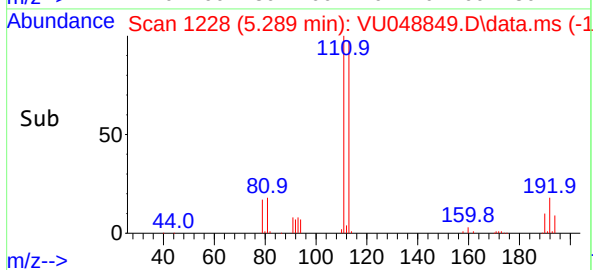
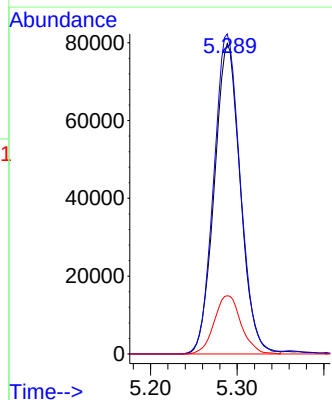
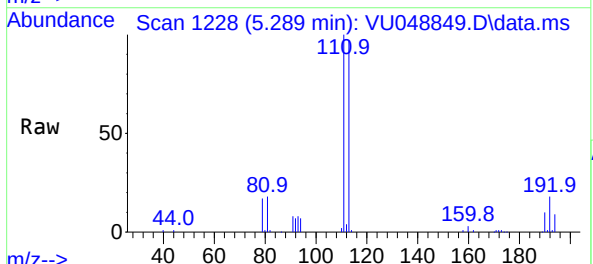
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0603WBL01

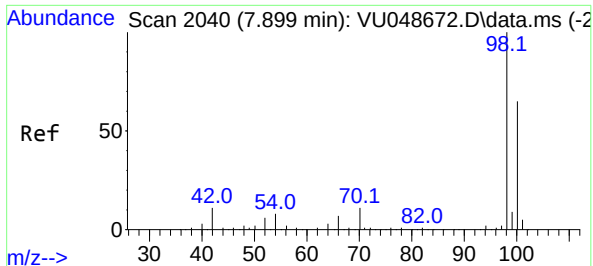
Tgt Ion:114 Resp: 486887  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 42.6  
88 16.4 0.0 32.2



#35  
Dibromofluoromethane  
Concen: 48.032 ug/l  
RT: 5.289 min Scan# 1228  
Delta R.T. -0.003 min  
Lab File: VU048849.D  
Acq: 03 Jun 2022 11:53

Tgt Ion:113 Resp: 166843  
Ion Ratio Lower Upper  
113 100  
111 104.7 80.7 121.1  
192 19.4 15.9 23.9

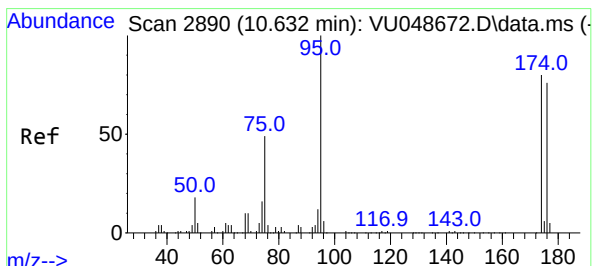
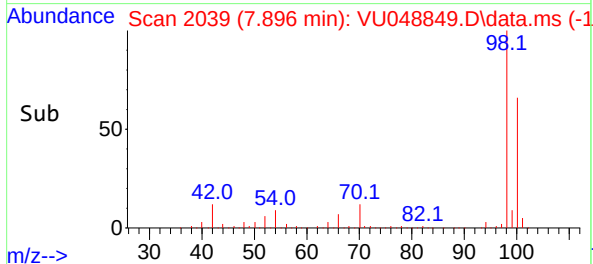
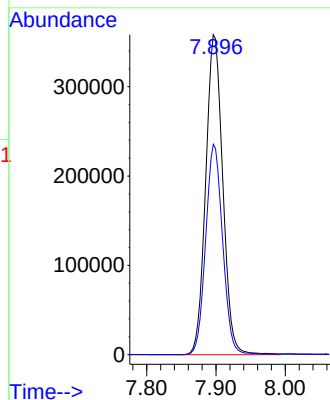
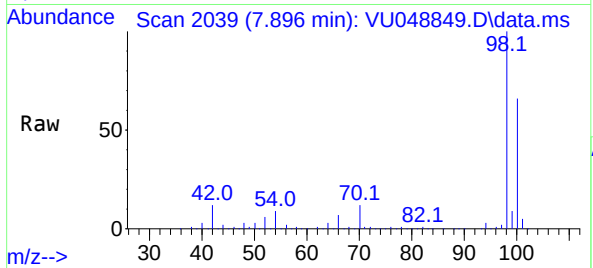




#50  
Toluene-d8  
Concen: 49.127 ug/l  
RT: 7.896 min Scan# 2040  
Delta R.T. -0.003 min  
Lab File: VU048849.D  
Acq: 03 Jun 2022 11:53

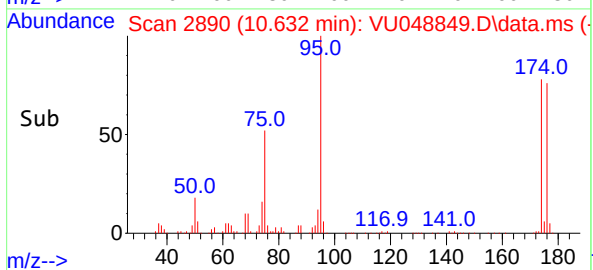
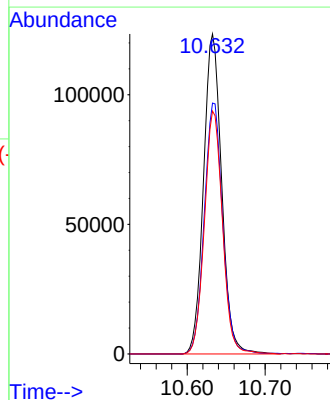
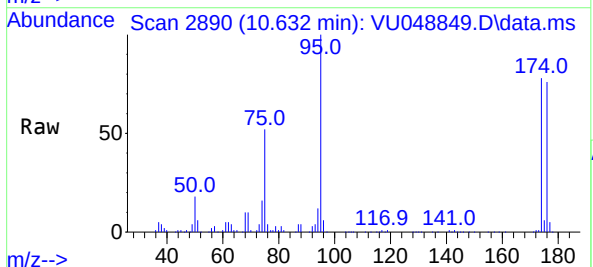
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0603WBL01

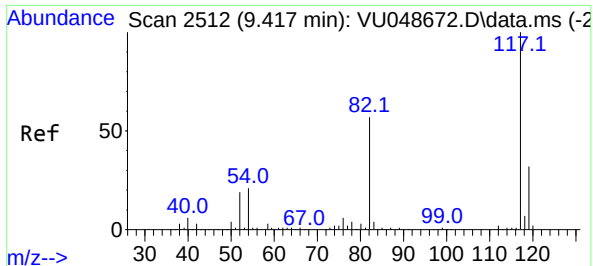
Tgt Ion: 98 Resp: 611709  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 42.371 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. 0.000 min  
Lab File: VU048849.D  
Acq: 03 Jun 2022 11:53

Tgt Ion: 95 Resp: 199528  
Ion Ratio Lower Upper  
95 100  
174 79.6 0.0 159.4  
176 75.7 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU048849.D

Acq: 03 Jun 2022 11:53

Instrument :

MSVOA\_U

ClientSampleId :

VU0603WBL01

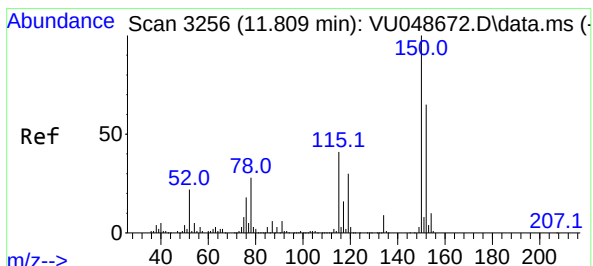
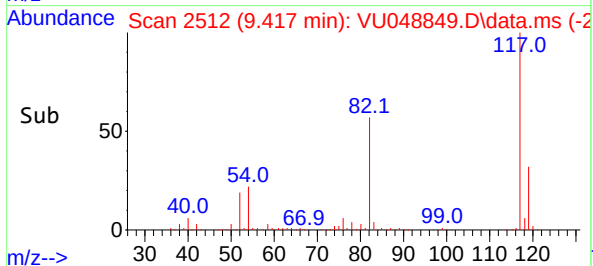
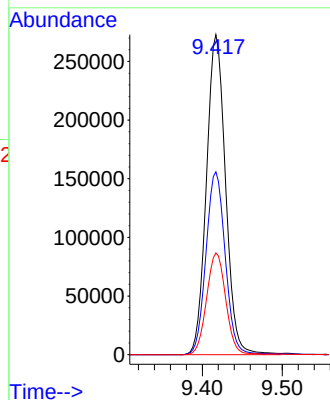
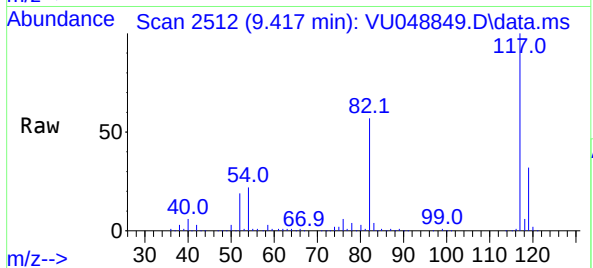
Tgt Ion:117 Resp: 454699

Ion Ratio Lower Upper

117 100

82 57.1 45.3 67.9

119 31.8 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: VU048849.D

Acq: 03 Jun 2022 11:53

Tgt Ion:152 Resp: 186519

Ion Ratio Lower Upper

152 100

115 60.3 41.8 125.4

150 157.1 0.0 341.0

