

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049440.D
 Acq On : 28 Jun 2022 06:36
 Operator : SY/MD
 Sample : N3482-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-38

Quant Time: Jun 28 07:16:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.375	168	299576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	515180	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	461121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	212129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	201956	43.773	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.540%
35) Dibromofluoromethane	5.292	113	161692	44.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.720%
50) Toluene-d8	7.899	98	609826	47.436	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.880%
62) 4-Bromofluorobenzene	10.632	95	220496	44.774	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.540%

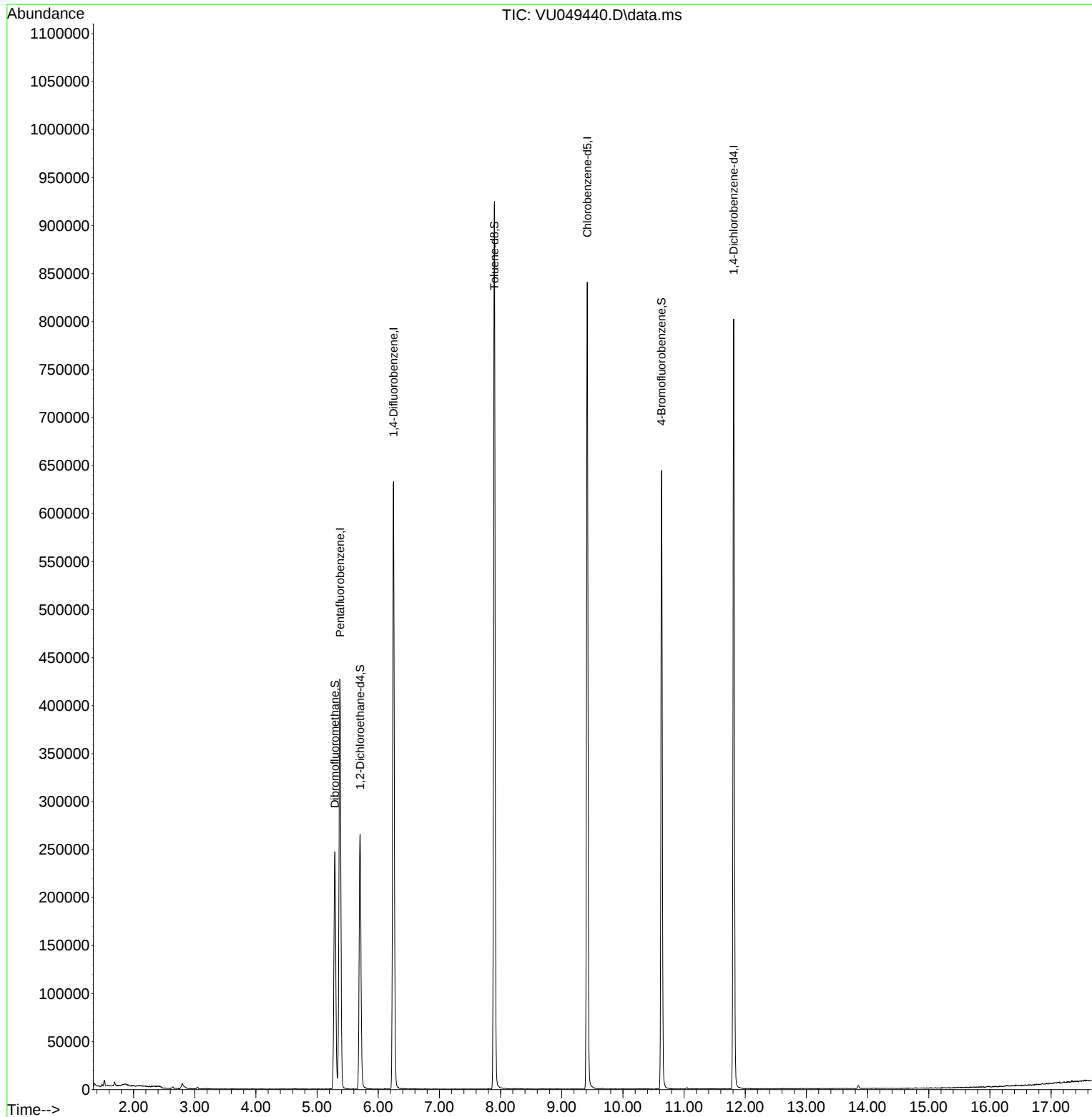
Target Compounds	Qvalue

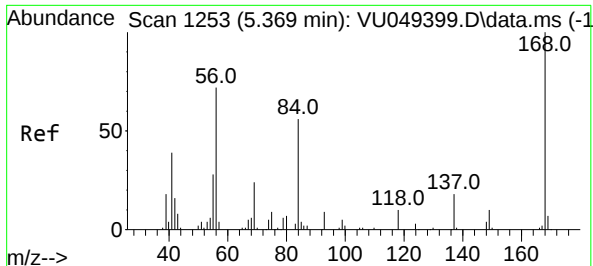
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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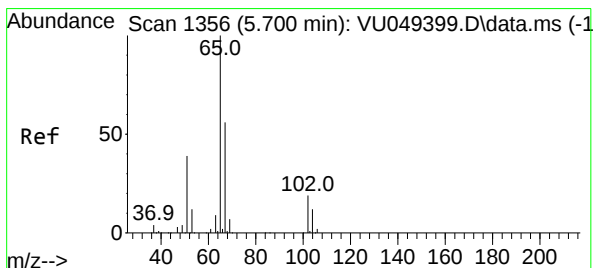
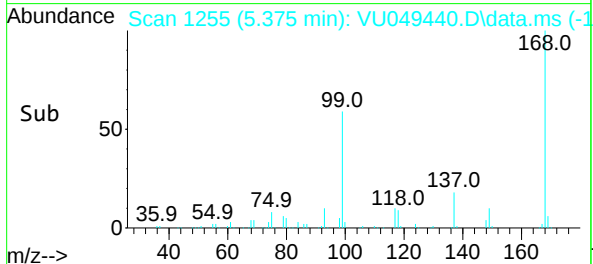
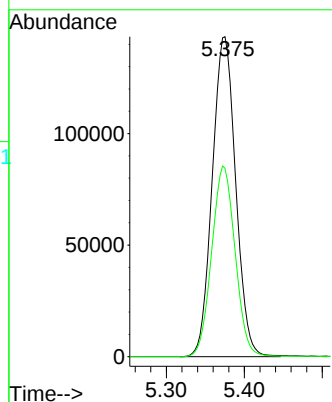
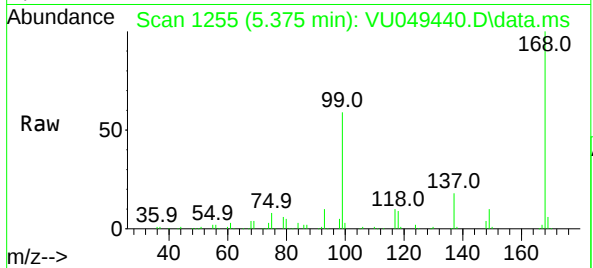




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

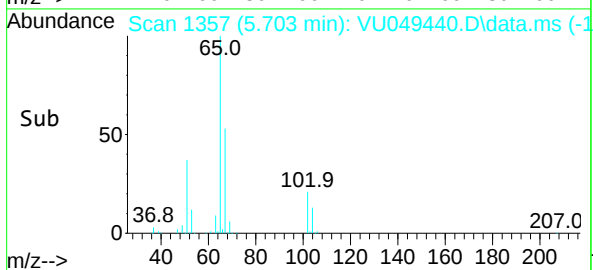
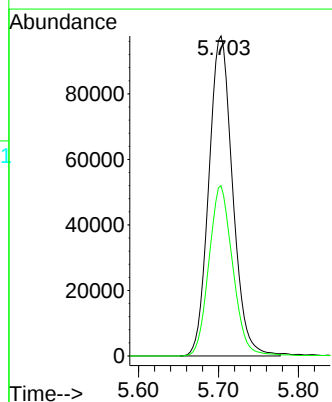
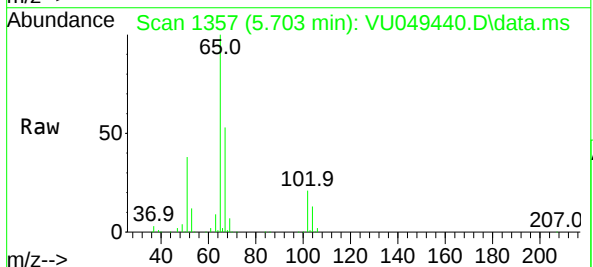
Instrument :
MSVOA_U
ClientSampleId :
MW-38

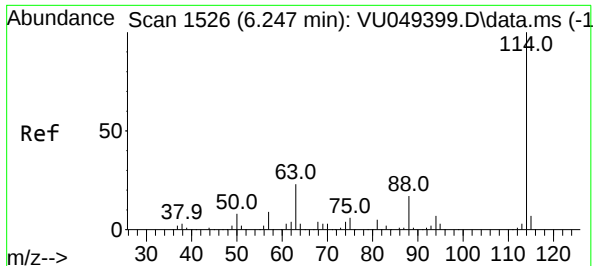
Tgt Ion:168 Resp: 299576
Ion Ratio Lower Upper
168 100
99 58.9 39.3 58.9



#33
1,2-Dichloroethane-d4
Concen: 43.773 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Tgt Ion: 65 Resp: 201956
Ion Ratio Lower Upper
65 100
67 53.3 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: VU049440.D

Acq: 28 Jun 2022 06:36

Instrument :

MSVOA_U

ClientSampleId :

MW-38

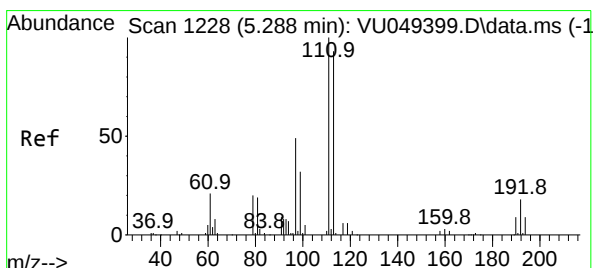
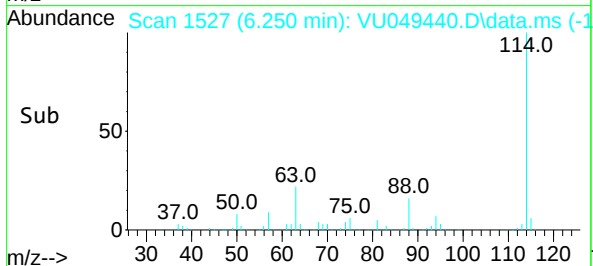
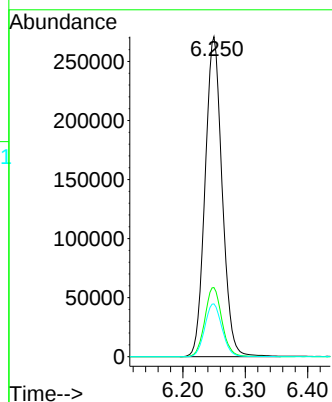
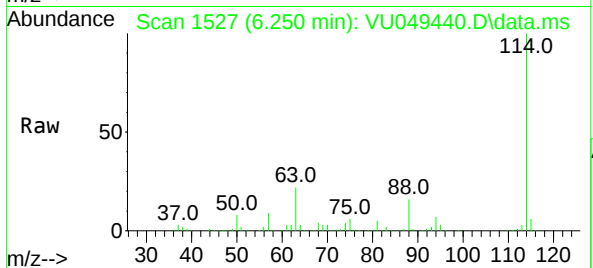
Tgt Ion:114 Resp: 515180

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.5 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.861 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.003 min

Lab File: VU049440.D

Acq: 28 Jun 2022 06:36

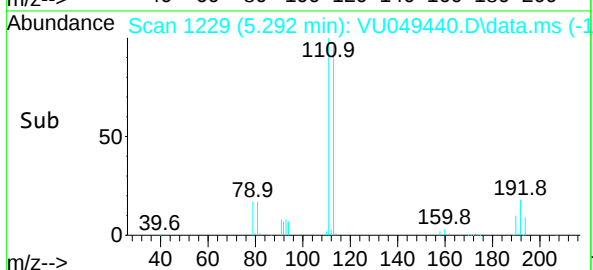
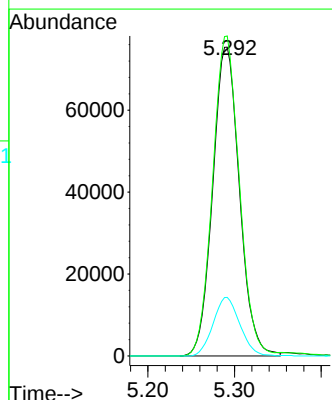
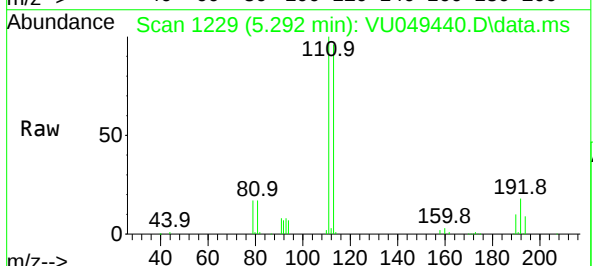
Tgt Ion:113 Resp: 161692

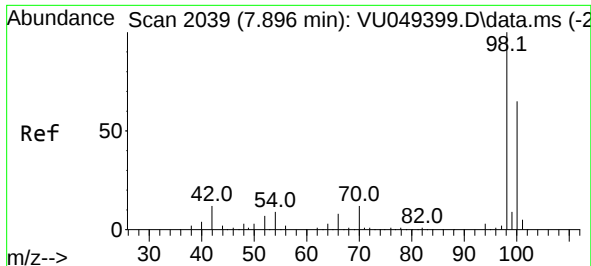
Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

192 18.9 18.0 27.0

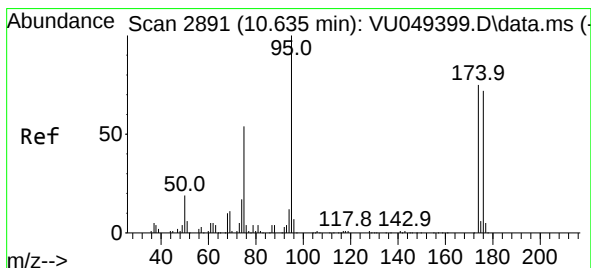
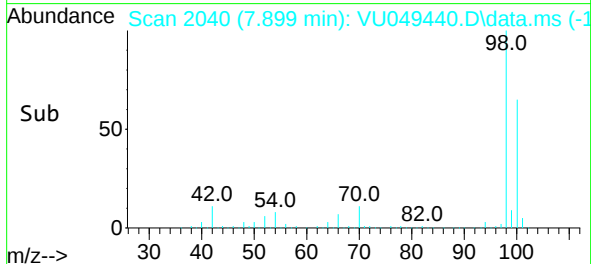
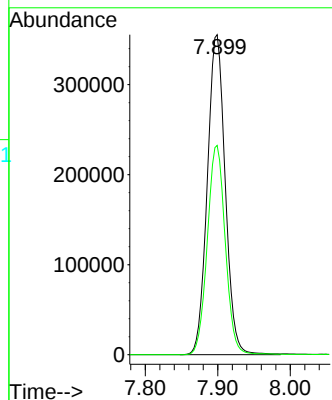
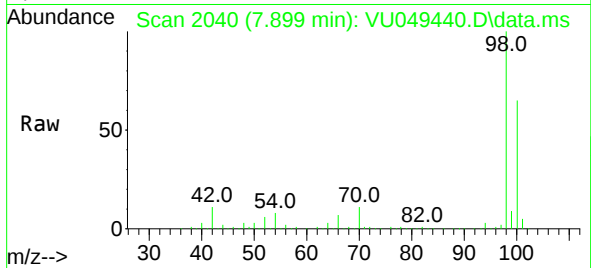




#50
Toluene-d8
Concen: 47.436 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

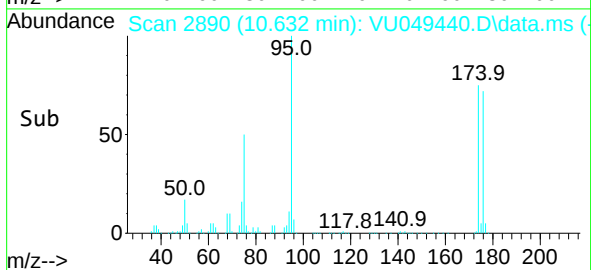
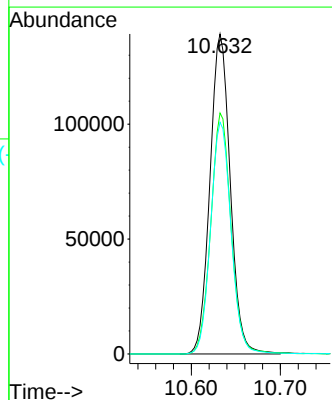
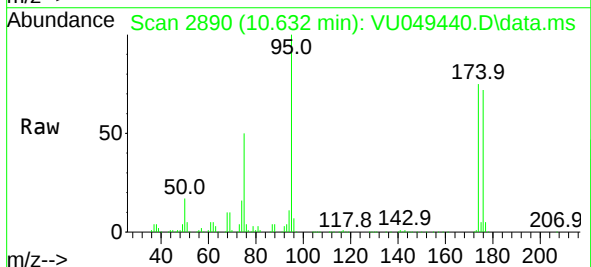
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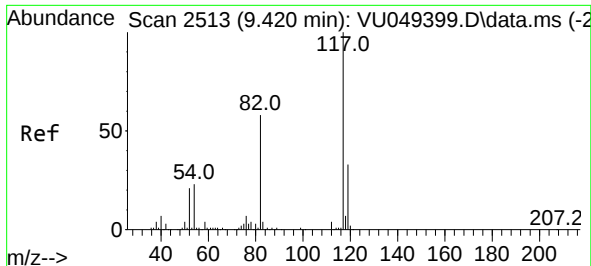
Tgt Ion: 98 Resp: 609826
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.774 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Tgt Ion: 95 Resp: 220496
Ion Ratio Lower Upper
95 100
174 75.3 0.0 182.0
176 73.0 0.0 177.8

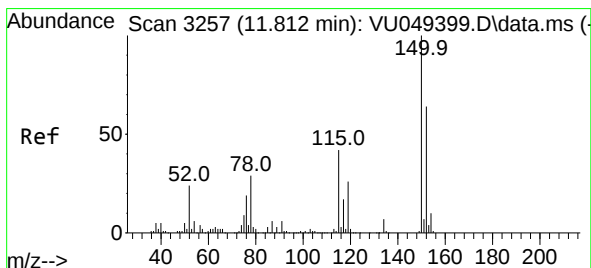
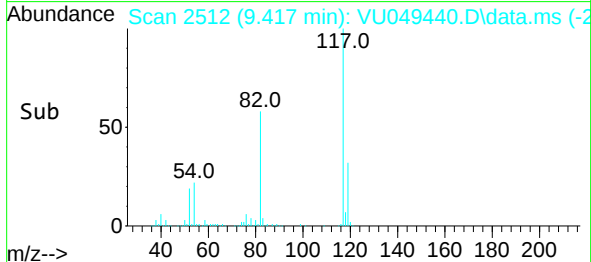
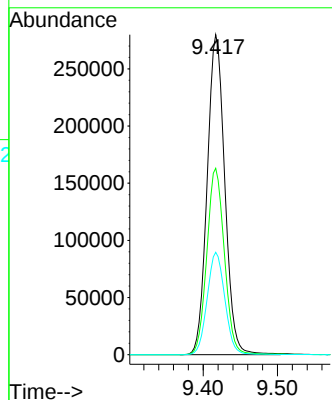
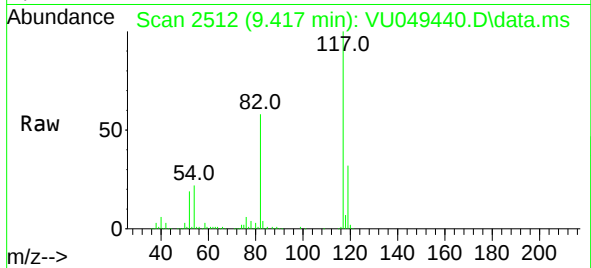




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Instrument :
MSVOA_U
ClientSampleId :
MW-38

Tgt Ion:117 Resp: 461121
Ion Ratio Lower Upper
117 100
82 58.2 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# 3257
Delta R.T. -0.000 min
Lab File: VU049440.D
Acq: 28 Jun 2022 06:36

Tgt Ion:152 Resp: 212129
Ion Ratio Lower Upper
152 100
115 61.7 37.0 110.9
150 158.1 0.0 342.2

