

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045659.D
 Acq On : 09 Nov 2021 15:32
 Operator : SY/MD
 Sample : M4490-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Nov 10 01:59:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	138510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	261175	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	267243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	132431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	114436	55.167	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.340%	
35) Dibromofluoromethane	5.292	113	88277	50.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	7.899	98	342582	52.835	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.660%	
62) 4-Bromofluorobenzene	10.636	95	132236	50.859	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.720%	

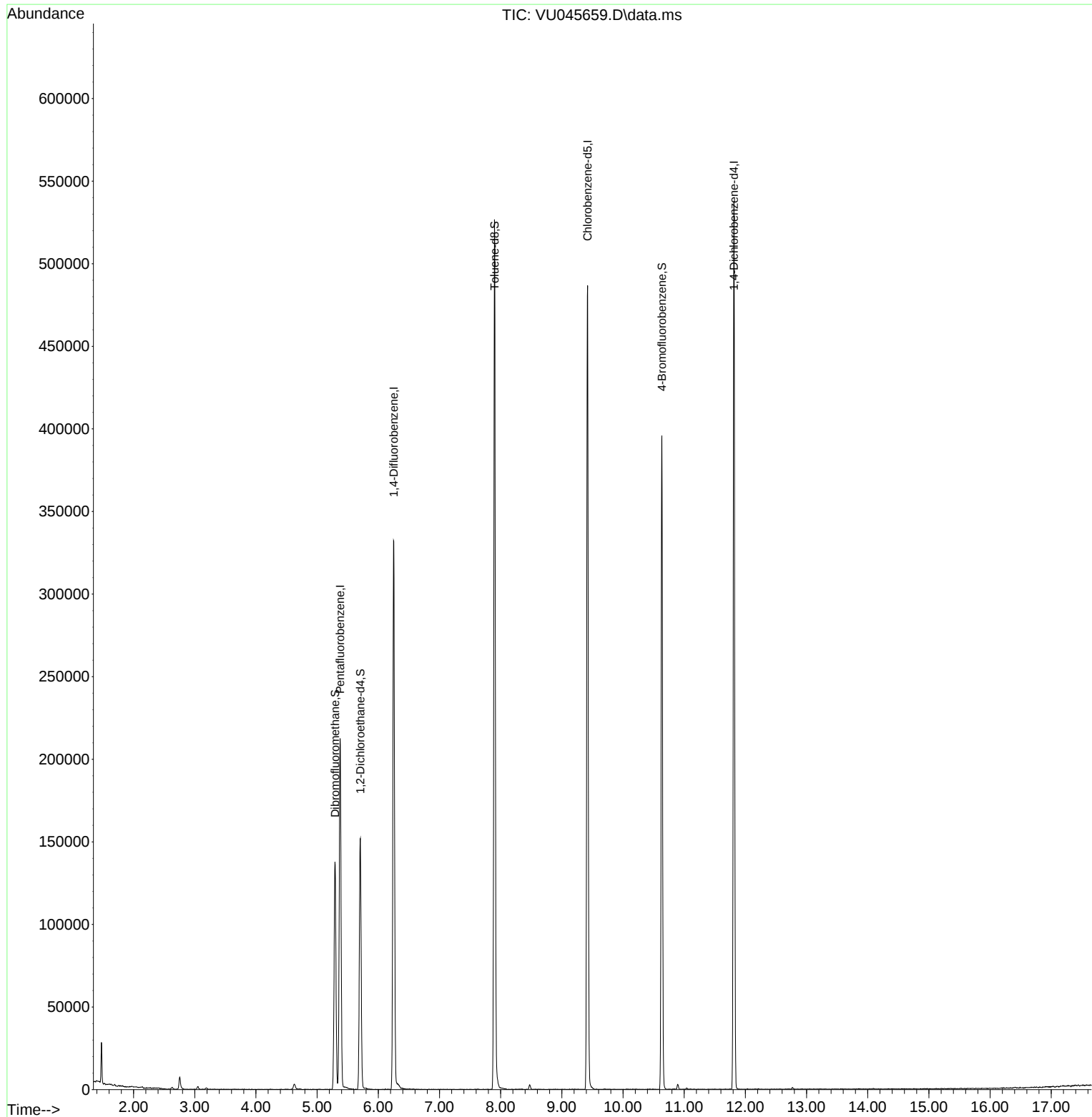
Target Compounds	Qvalue

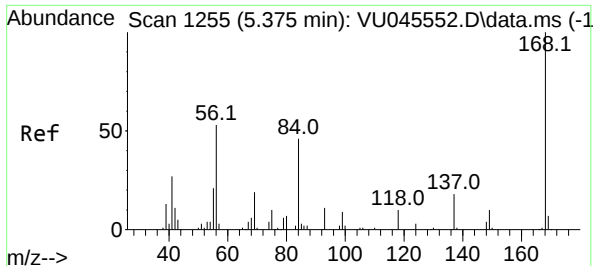
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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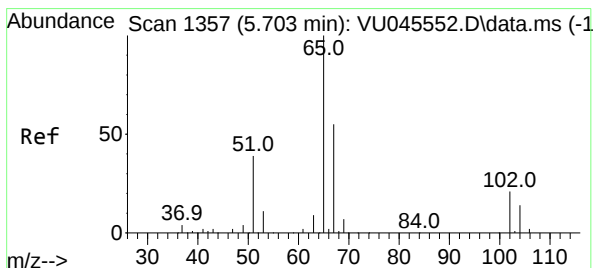
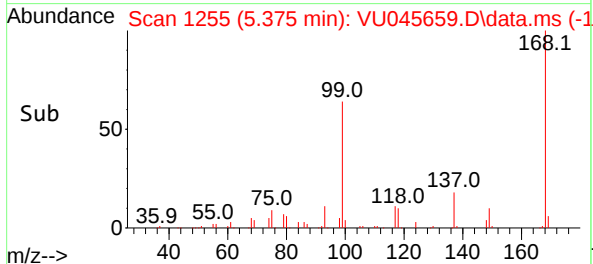
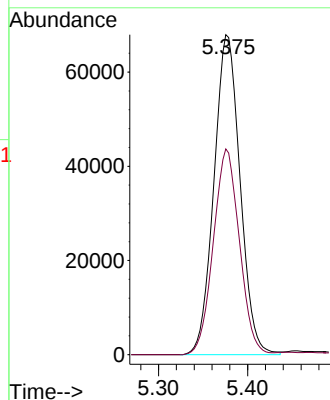
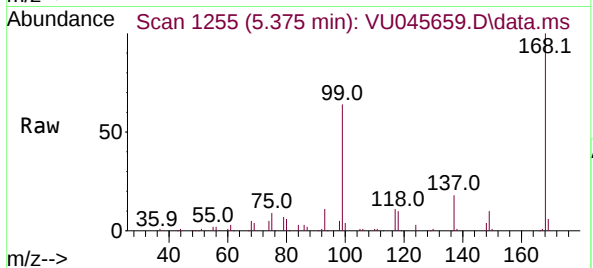




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045659.D
Acq: 09 Nov 2021 15:32

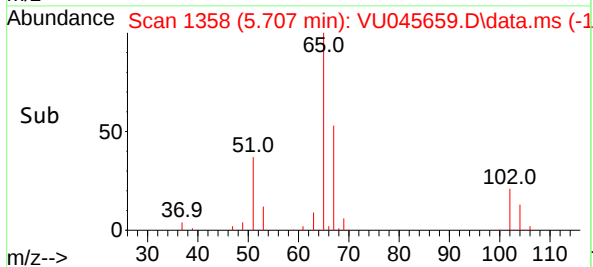
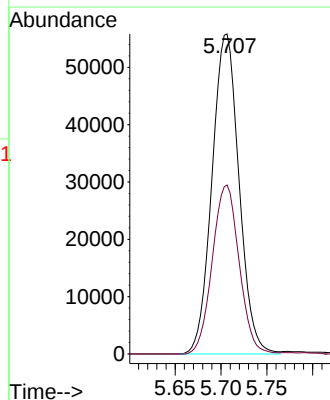
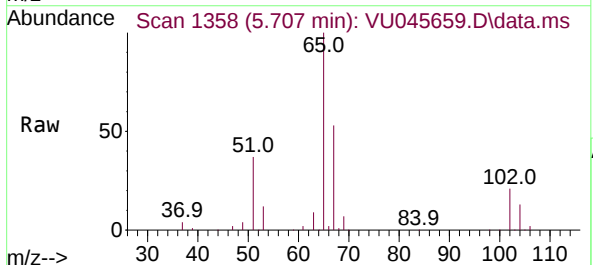
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

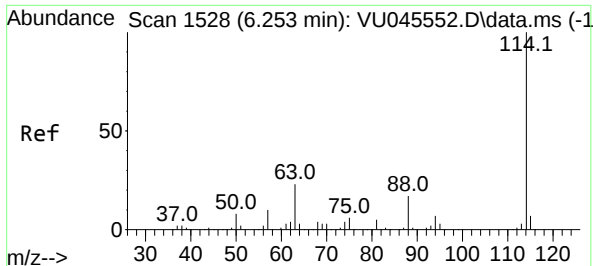
Tgt Ion:168 Resp: 138510
Ion Ratio Lower Upper
168 100
99 64.3 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 55.167 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045659.D
Acq: 09 Nov 2021 15:32

Tgt Ion: 65 Resp: 114436
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045659.D

Acq: 09 Nov 2021 15:32

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

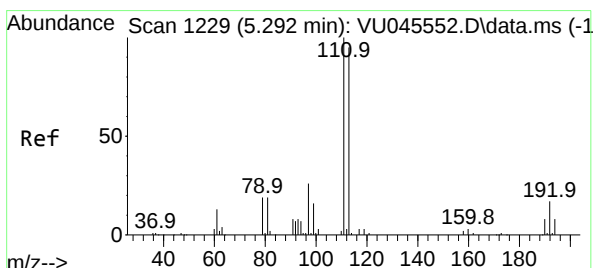
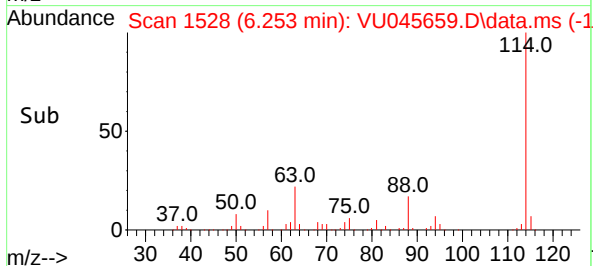
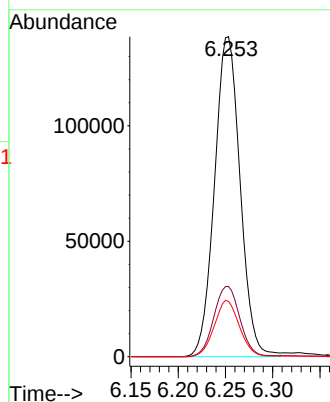
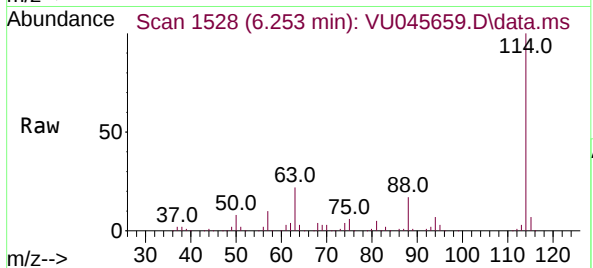
Tgt Ion:114 Resp: 261175

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 17.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.625 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045659.D

Acq: 09 Nov 2021 15:32

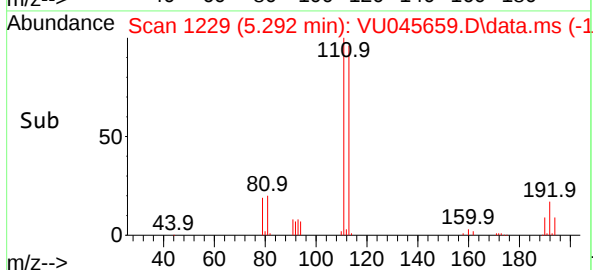
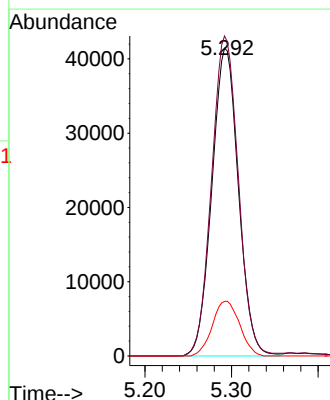
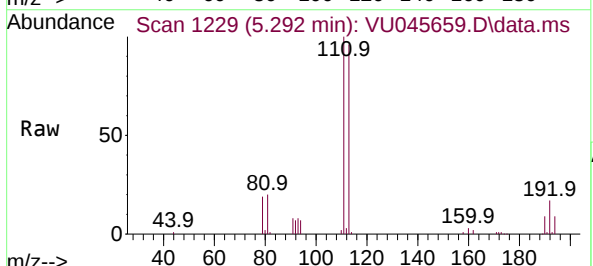
Tgt Ion:113 Resp: 88277

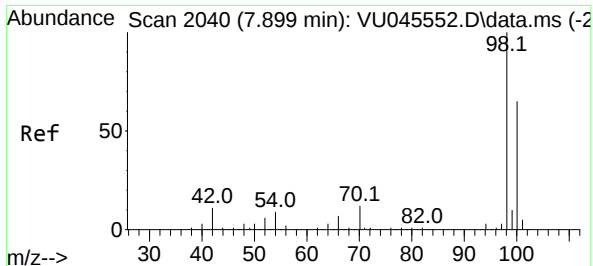
Ion Ratio Lower Upper

113 100

111 104.4 82.8 124.2

192 18.3 14.8 22.2

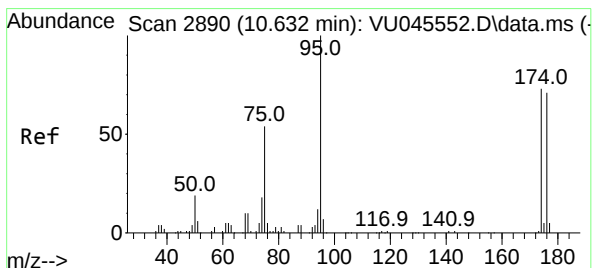
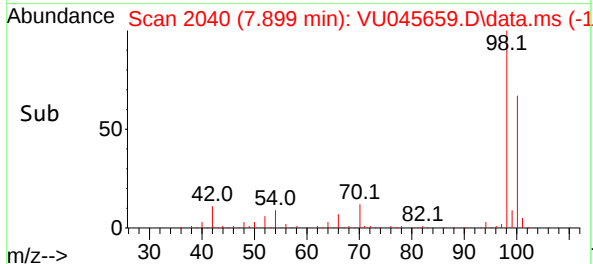
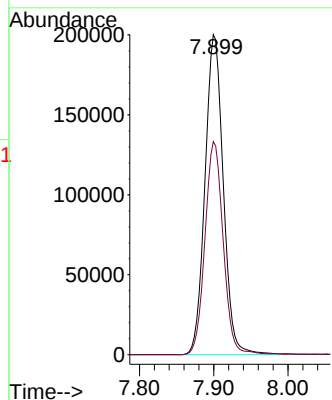
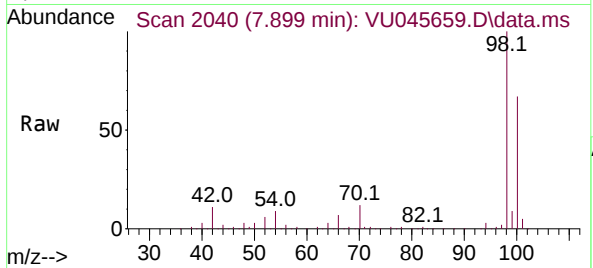




#50
Toluene-d8
Concen: 52.835 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045659.D
Acq: 09 Nov 2021 15:32

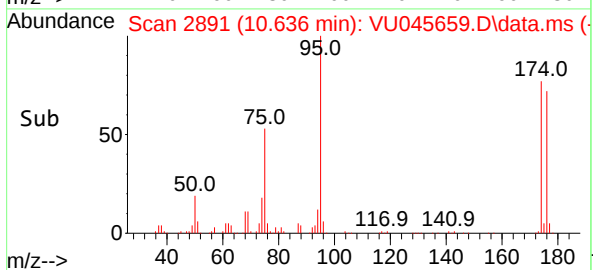
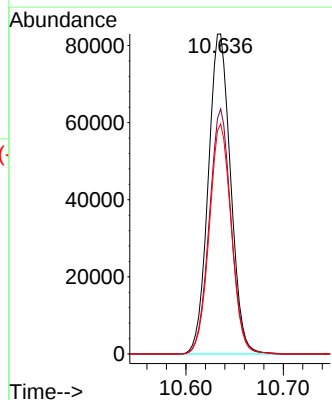
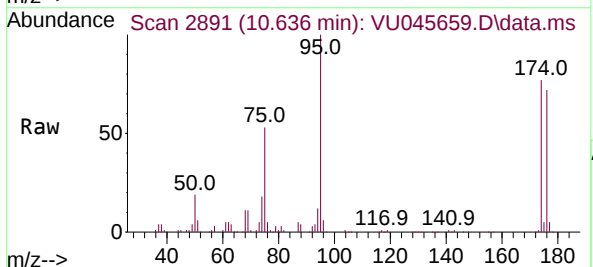
Instrument :
MSVOA_U
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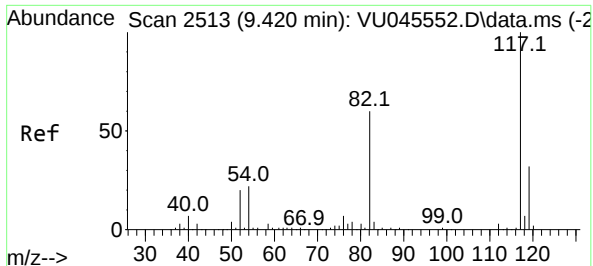
Tgt Ion: 98 Resp: 342582
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.859 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045659.D
Acq: 09 Nov 2021 15:32

Tgt Ion: 95 Resp: 132236
Ion Ratio Lower Upper
95 100
174 75.0 0.0 141.8
176 70.5 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045659.D

Acq: 09 Nov 2021 15:32

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

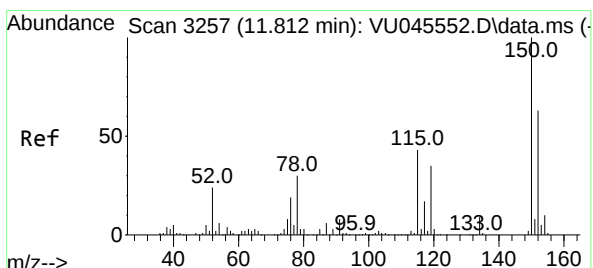
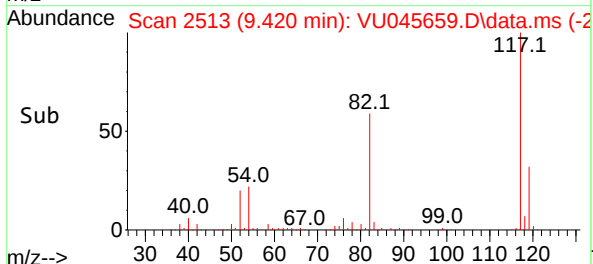
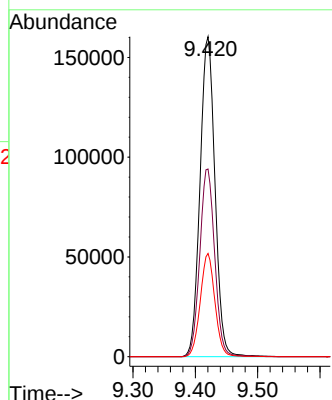
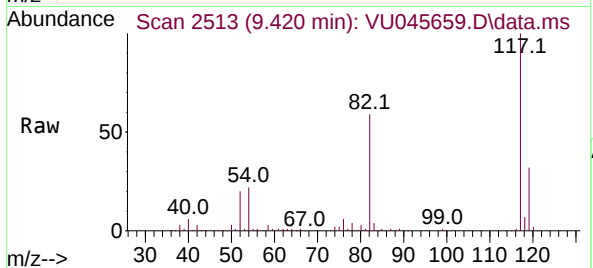
Tgt Ion:117 Resp: 267243

Ion Ratio Lower Upper

117 100

82 58.7 47.8 71.8

119 32.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU045659.D

Acq: 09 Nov 2021 15:32

Tgt Ion:152 Resp: 132431

Ion Ratio Lower Upper

152 100

115 62.5 42.7 128.1

150 158.1 0.0 346.8

