

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045762.D
 Acq On : 12 Nov 2021 12:29
 Operator : SY/MD
 Sample : M4606-20 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-02-20211109

Quant Time: Nov 15 05:18:45 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	5.379	168	117643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	217931	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	226092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	109198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	95978	54.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.960%
35) Dibromofluoromethane	5.292	113	75074	51.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.200%
50) Toluene-d8	7.903	98	286354	52.926	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.860%
62) 4-Bromofluorobenzene	10.636	95	108265	49.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%

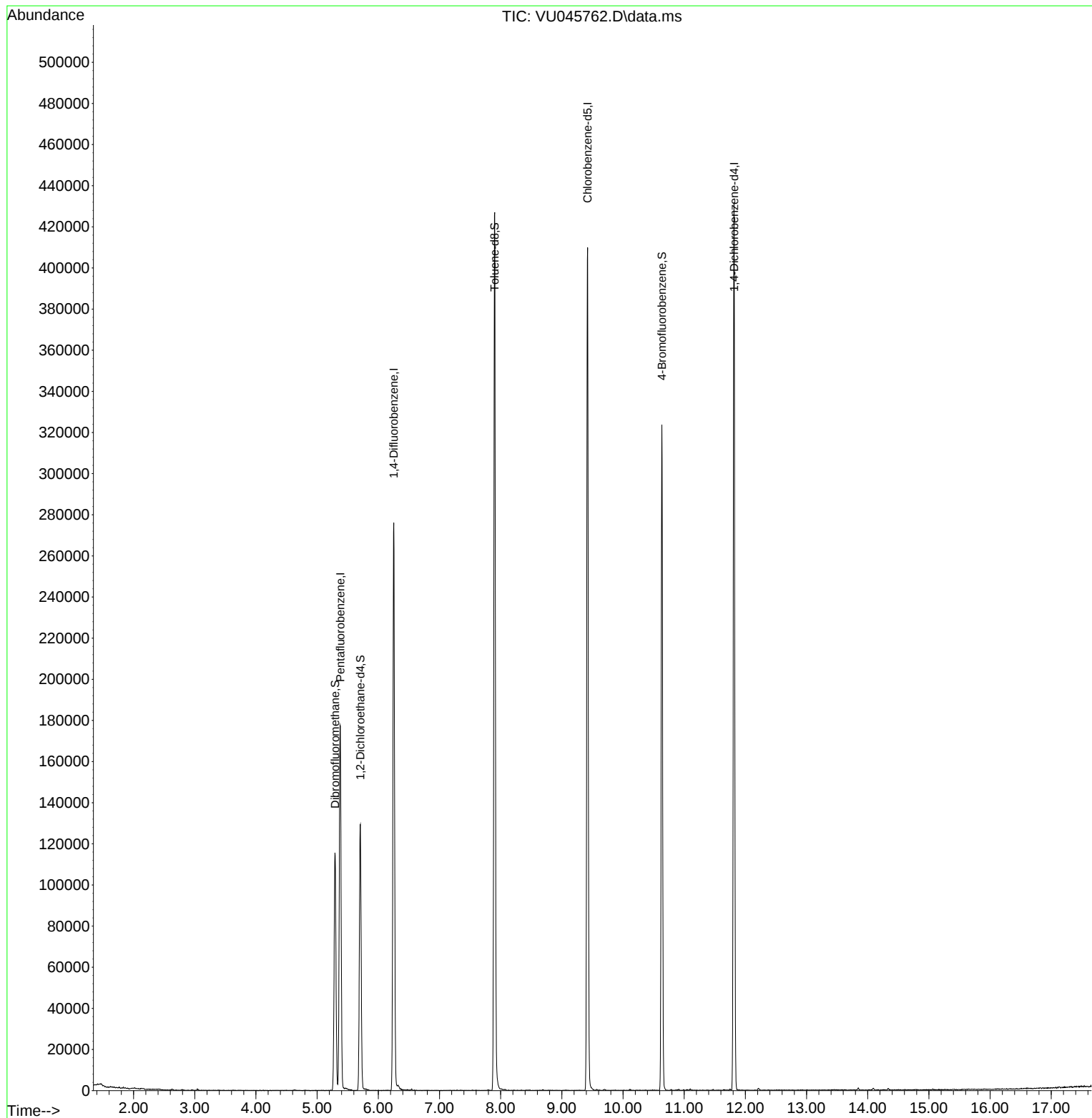
Target Compounds	Qvalue

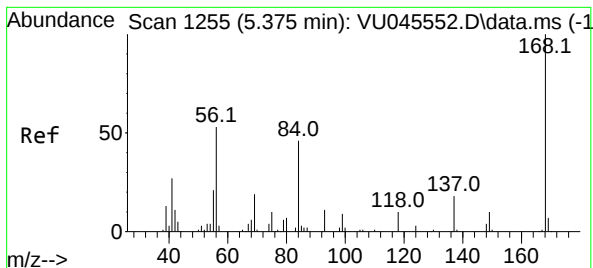
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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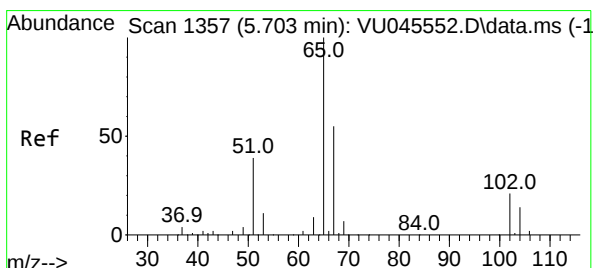
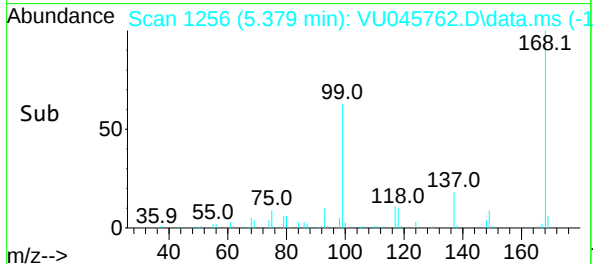
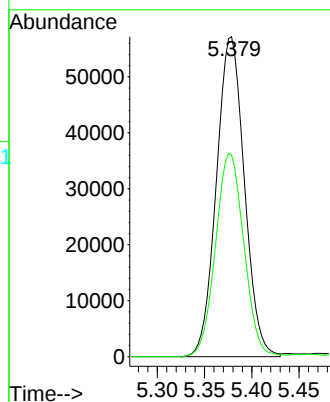
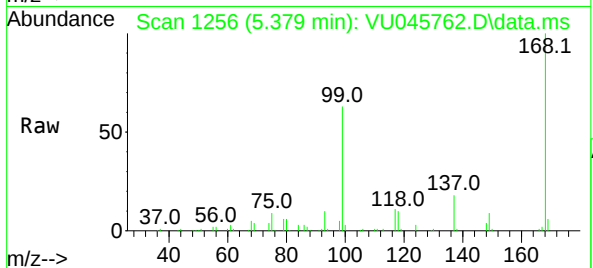




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

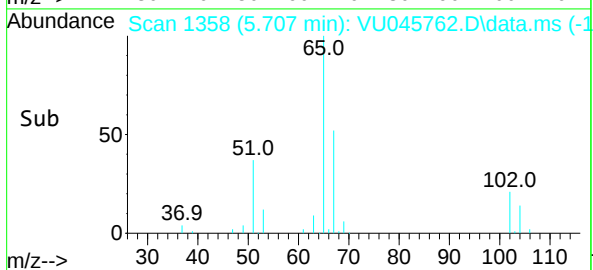
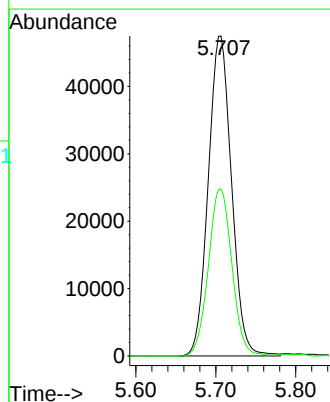
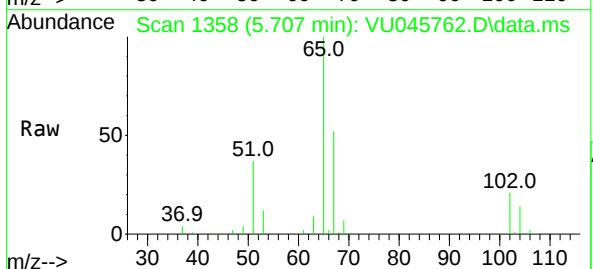
Instrument :
MSVOA_U
ClientSampleId :
DUP-02-20211109

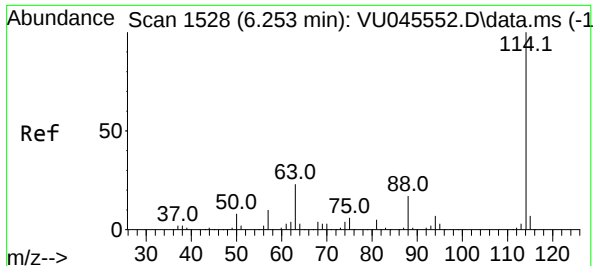
Tgt Ion:168 Resp: 117643
Ion Ratio Lower Upper
168 100
99 63.1 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 54.476 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

Tgt Ion: 65 Resp: 95978
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045762.D

Acq: 12 Nov 2021 12:29

Instrument :

MSVOA_U

ClientSampleId :

DUP-02-20211109

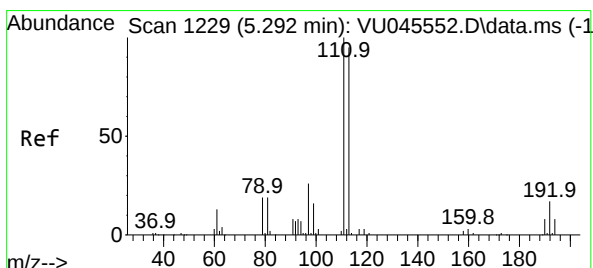
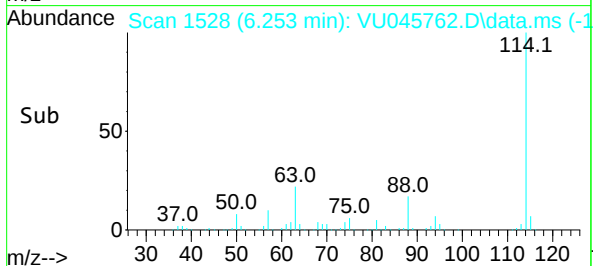
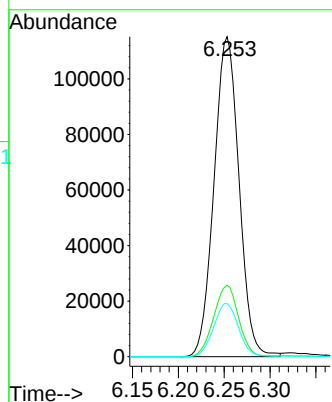
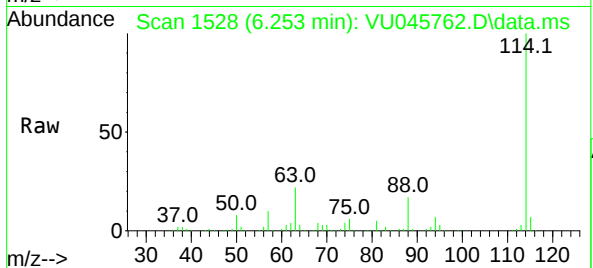
Tgt Ion:114 Resp: 217931

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.597 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045762.D

Acq: 12 Nov 2021 12:29

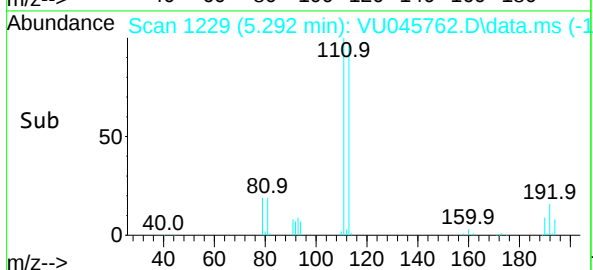
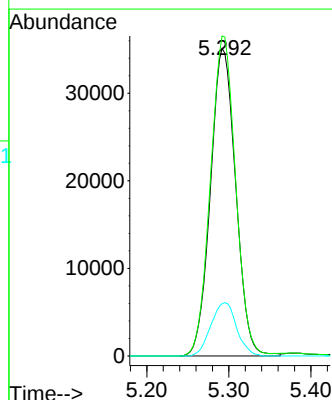
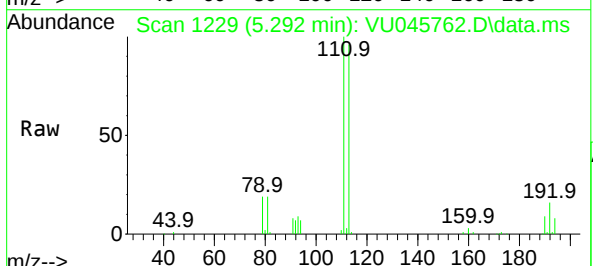
Tgt Ion:113 Resp: 75074

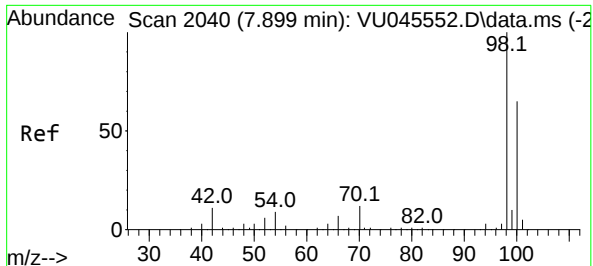
Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 17.6 14.8 22.2

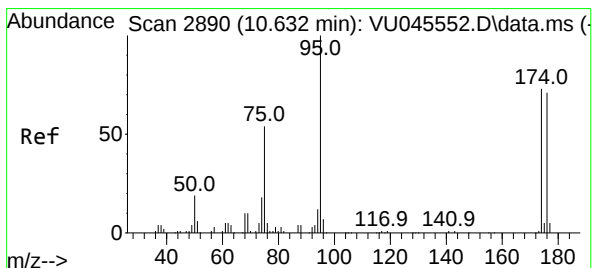
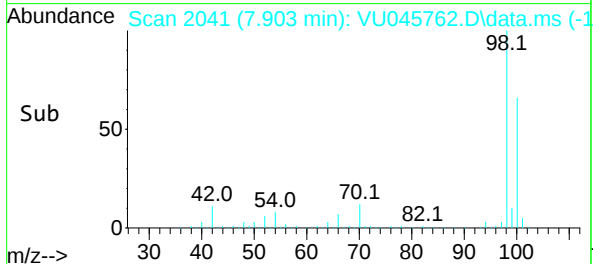
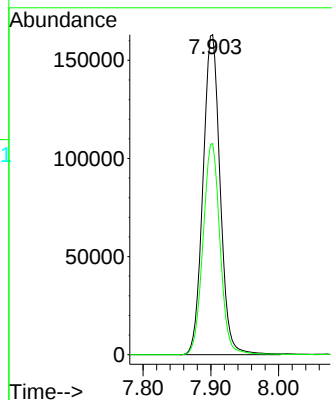
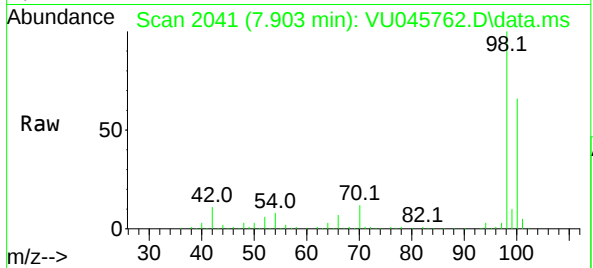




#50
Toluene-d8
Concen: 52.926 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

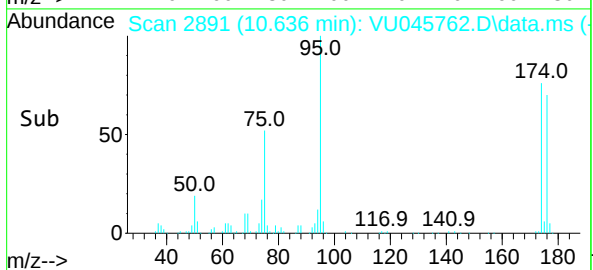
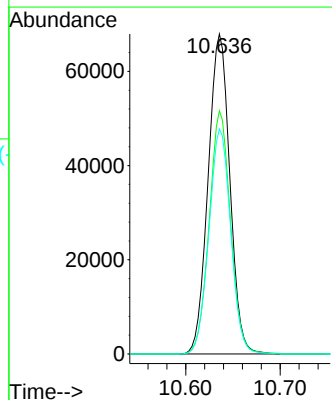
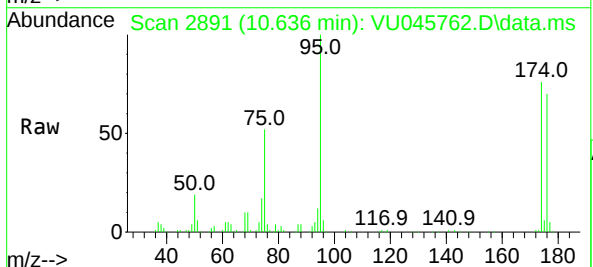
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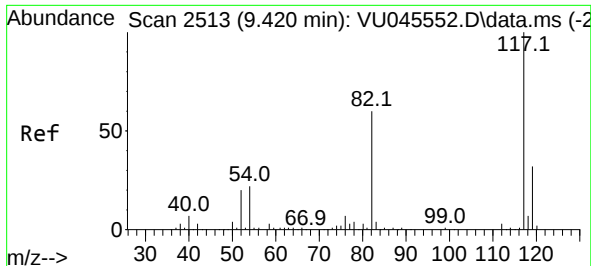
Tgt Ion: 98 Resp: 286354
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.902 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

Tgt Ion: 95 Resp: 108265
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 70.6 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045762.D

Acq: 12 Nov 2021 12:29

Instrument :

MSVOA_U

ClientSampleId :

DUP-02-20211109

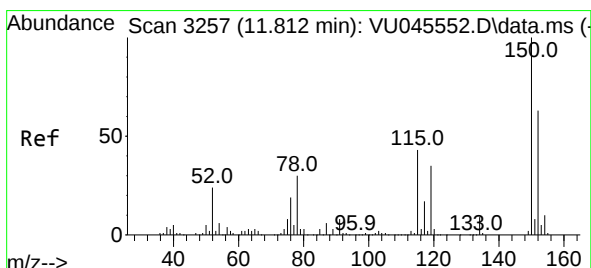
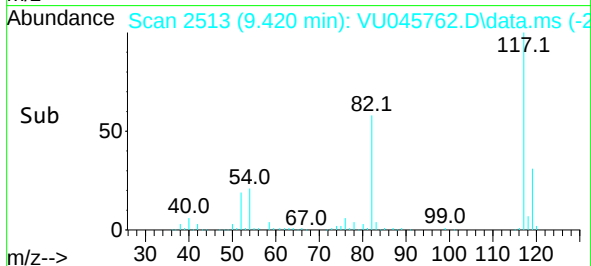
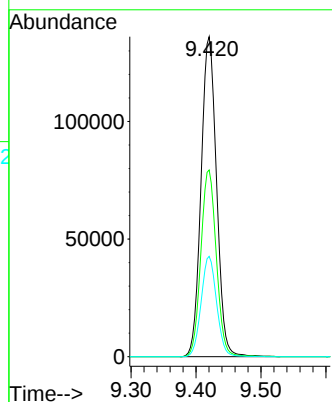
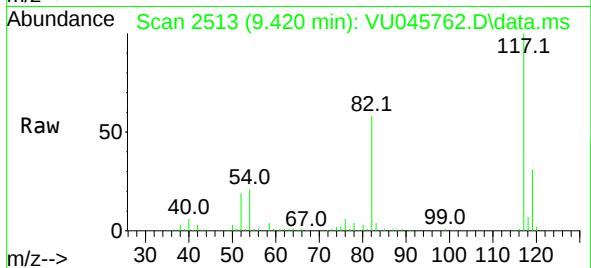
Tgt Ion:117 Resp: 226092

Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.8

119 31.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045762.D

Acq: 12 Nov 2021 12:29

Tgt Ion:152 Resp: 109198

Ion Ratio Lower Upper

152 100

115 61.8 42.7 128.1

150 160.0 0.0 346.8

