

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045761.D
 Acq On : 12 Nov 2021 12:06
 Operator : SY/MD
 Sample : M4606-19 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-01-20211109

Quant Time: Nov 15 05:18:30 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	5.378	168	116138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	213968	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	215678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	102888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	92117	52.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.920%
35) Dibromofluoromethane	5.292	113	73725	51.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.220%
50) Toluene-d8	7.902	98	278559	52.439	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.880%
62) 4-Bromofluorobenzene	10.635	95	103599	48.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.280%

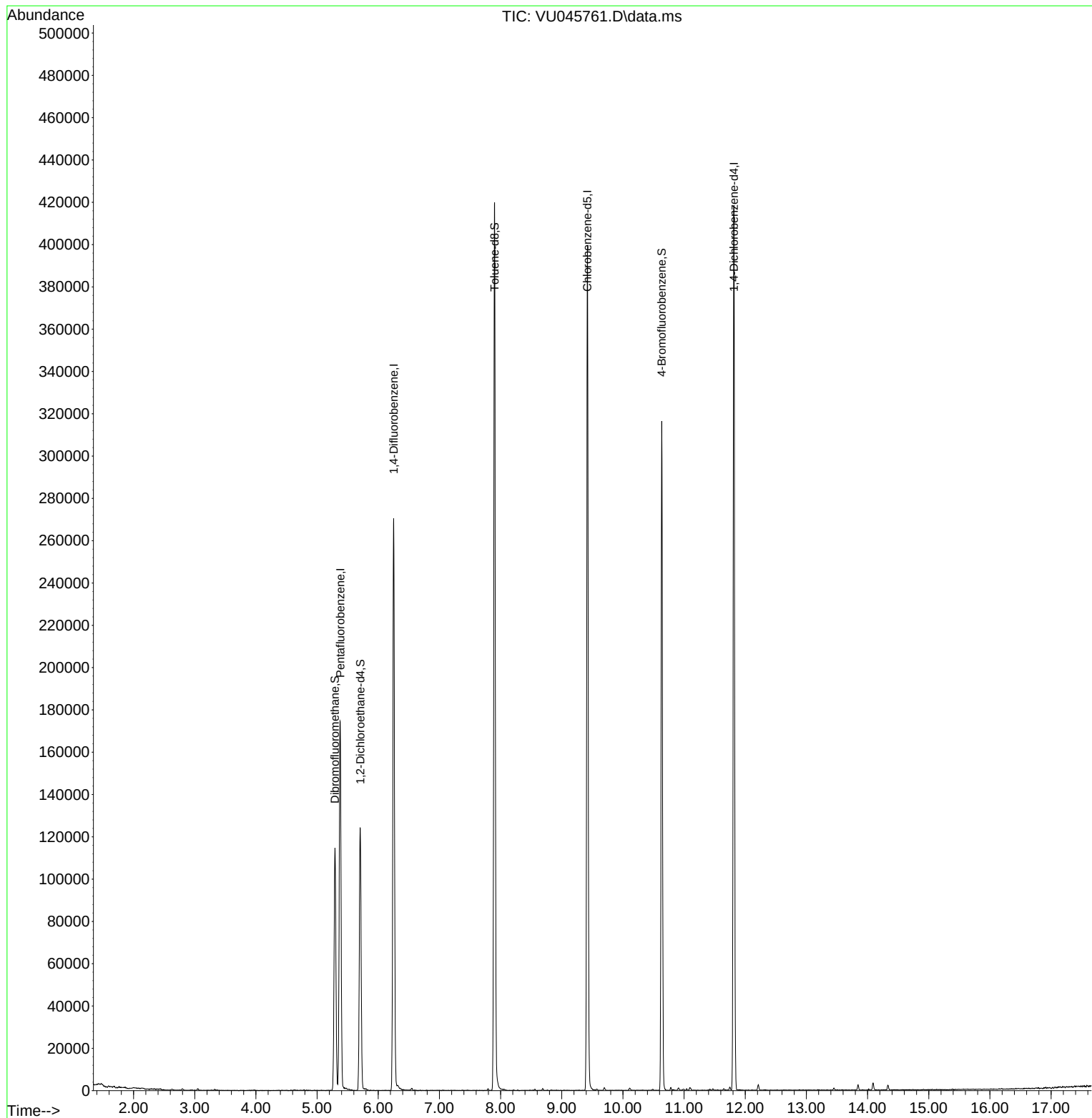
Target Compounds	Qvalue

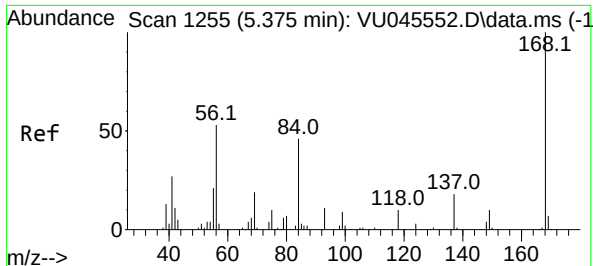
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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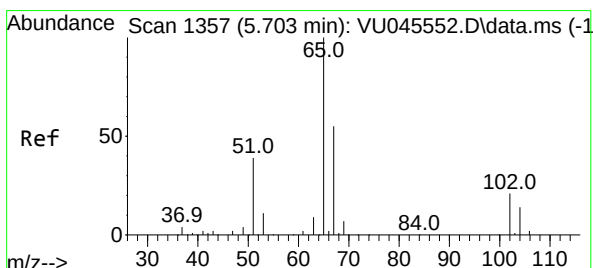
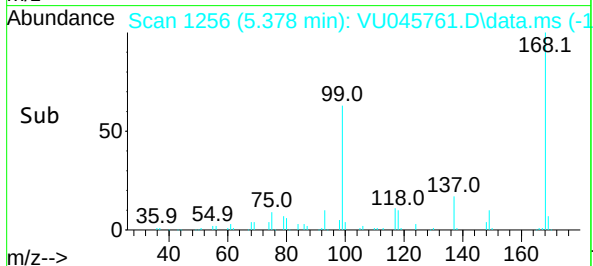
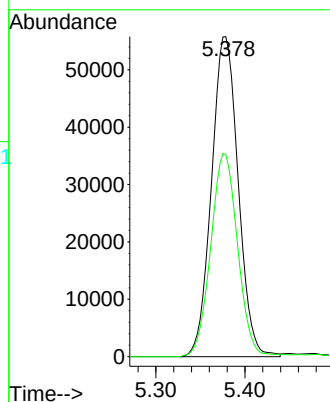
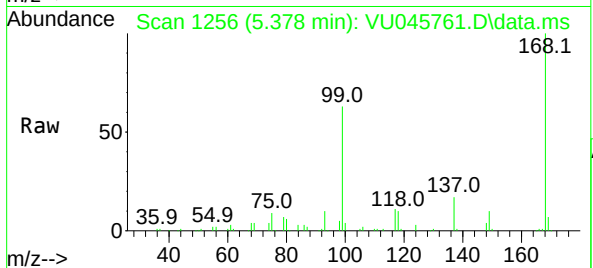




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045761.D
Acq: 12 Nov 2021 12:06

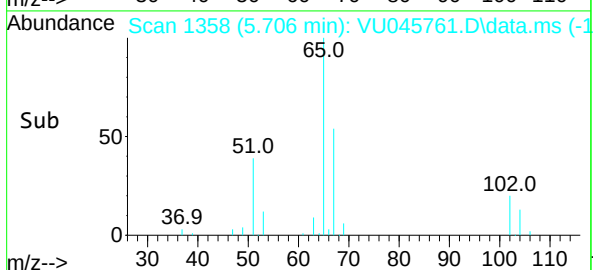
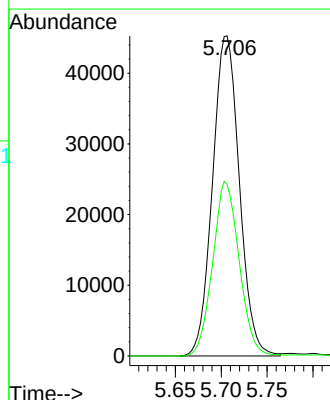
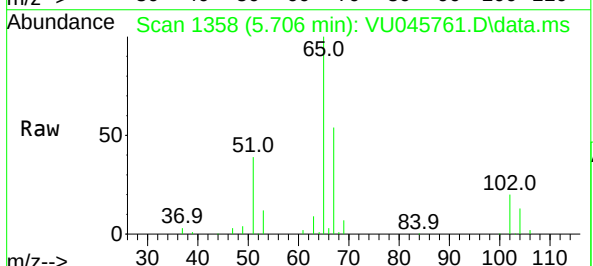
Instrument :
MSVOA_U
ClientSampleId :
DUP-01-20211109

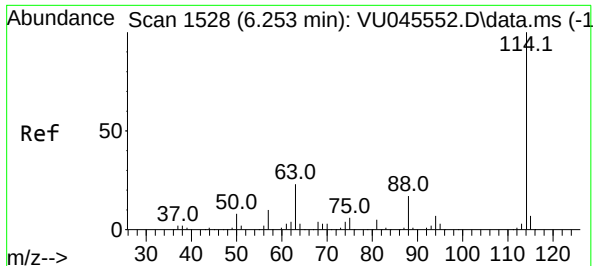
Tgt Ion:168 Resp: 116138
Ion Ratio Lower Upper
168 100
99 63.2 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 52.962 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045761.D
Acq: 12 Nov 2021 12:06

Tgt Ion: 65 Resp: 92117
Ion Ratio Lower Upper
65 100
67 53.8 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: VU045761.D

Acq: 12 Nov 2021 12:06

Instrument :

MSVOA_U

ClientSampleId :

DUP-01-20211109

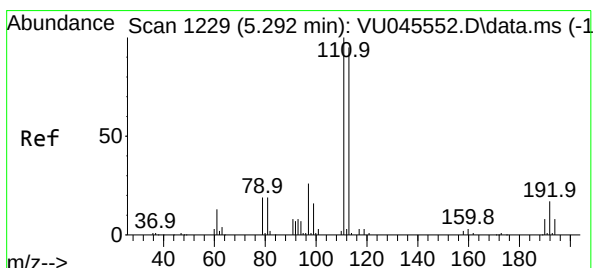
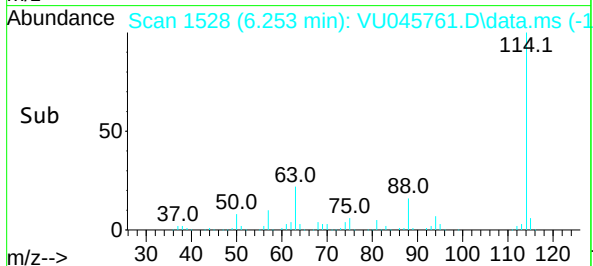
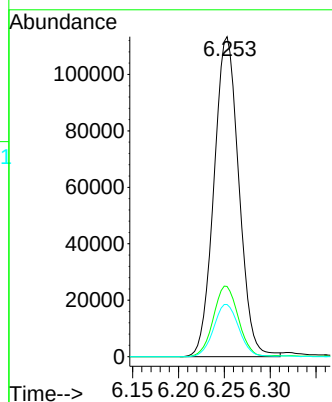
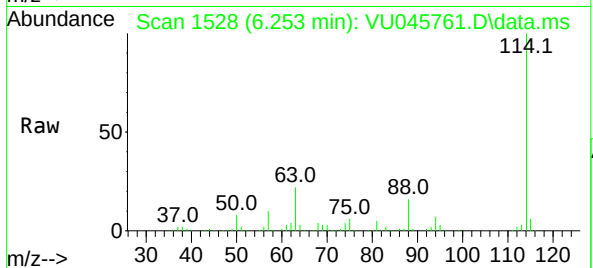
Tgt Ion:114 Resp: 213968

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 16.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.608 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045761.D

Acq: 12 Nov 2021 12:06

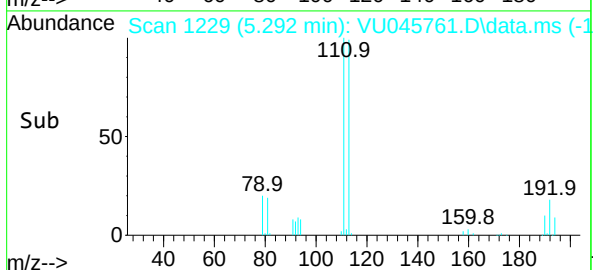
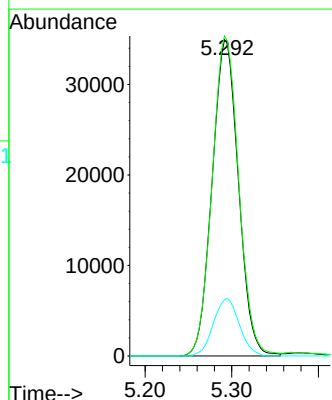
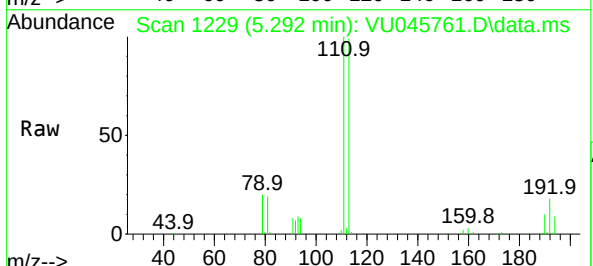
Tgt Ion:113 Resp: 73725

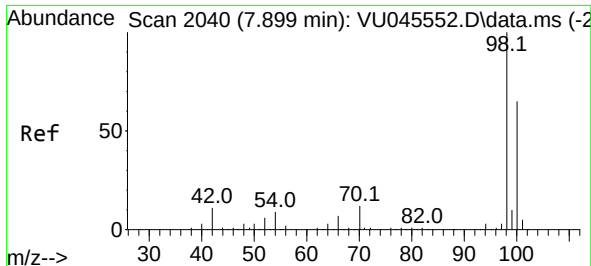
Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 17.9 14.8 22.2

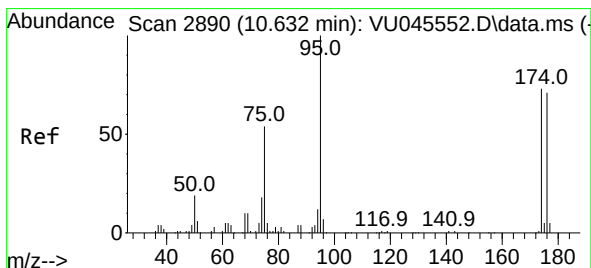
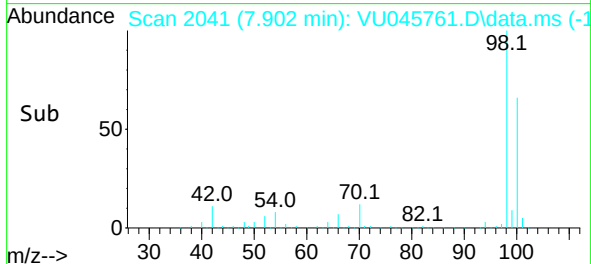
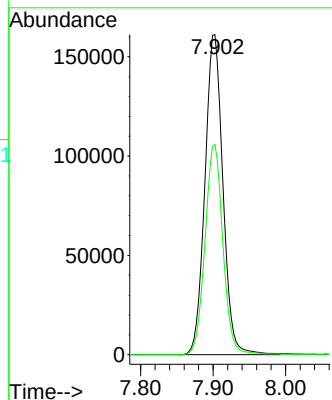
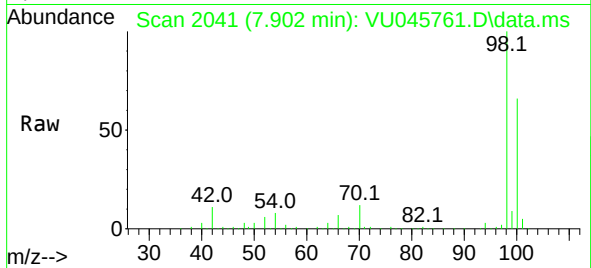




#50
Toluene-d8
Concen: 52.439 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045761.D
Acq: 12 Nov 2021 12:06

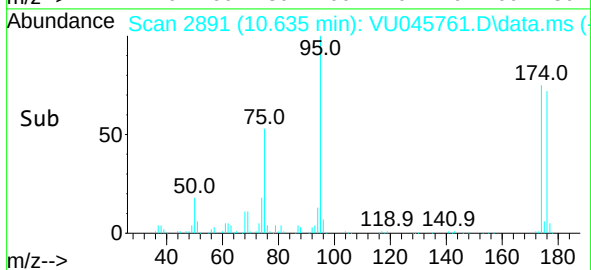
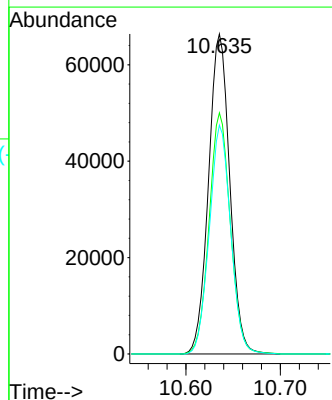
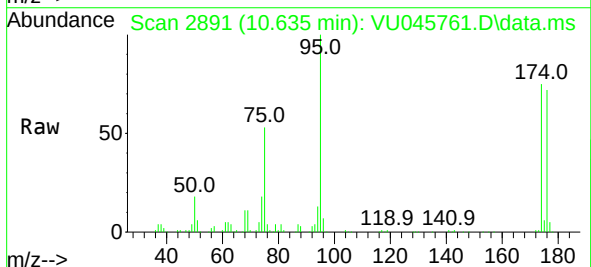
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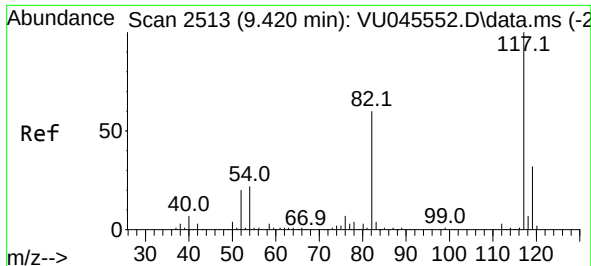
Tgt Ion: 98 Resp: 278559
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.636 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045761.D
Acq: 12 Nov 2021 12:06

Tgt Ion: 95 Resp: 103599
Ion Ratio Lower Upper
95 100
174 75.5 0.0 141.8
176 71.8 0.0 138.2

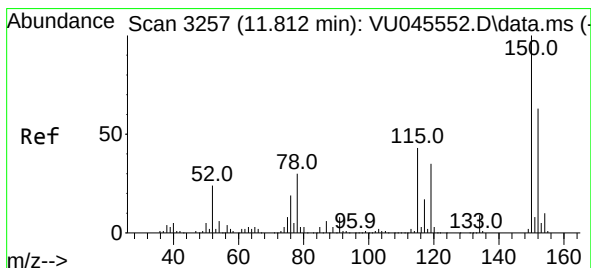
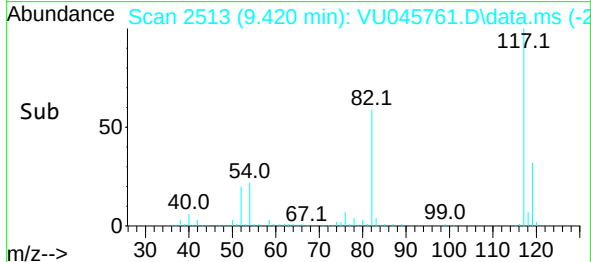
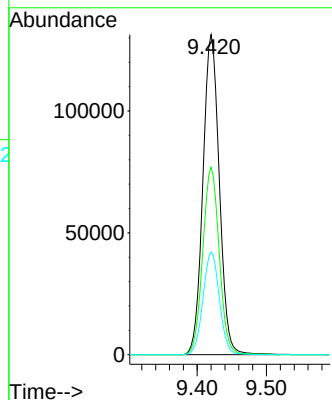
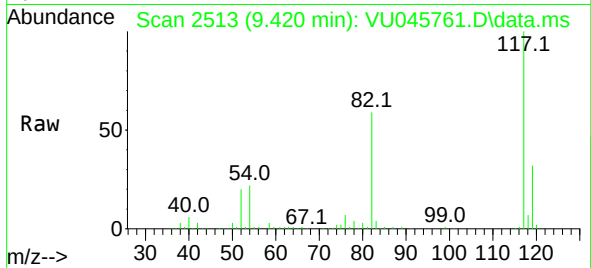




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045761.D
Acq: 12 Nov 2021 12:06

Instrument :
MSVOA_U
ClientSampleId :
DUP-01-20211109

Tgt Ion:117 Resp: 215678
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.8
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045761.D
Acq: 12 Nov 2021 12:06

Tgt Ion:152 Resp: 102888
Ion Ratio Lower Upper
152 100
115 63.2 42.7 128.1
150 160.7 0.0 346.8

