

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068607.D
 Acq On : 12 Mar 2021 15:33
 Operator : VA/SY
 Sample : M1642-03
 Misc : 7.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CSB-6-8-8.5

Quant Time: Mar 12 23:36:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	302461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	545739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	531195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	291557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159422	52.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.50%	
35) Dibromofluoromethane	7.914	113	170852	51.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.94%	
50) Toluene-d8	10.344	98	684802	52.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.60%	
62) 4-Bromofluorobenzene	12.632	95	246499	58.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.82%	

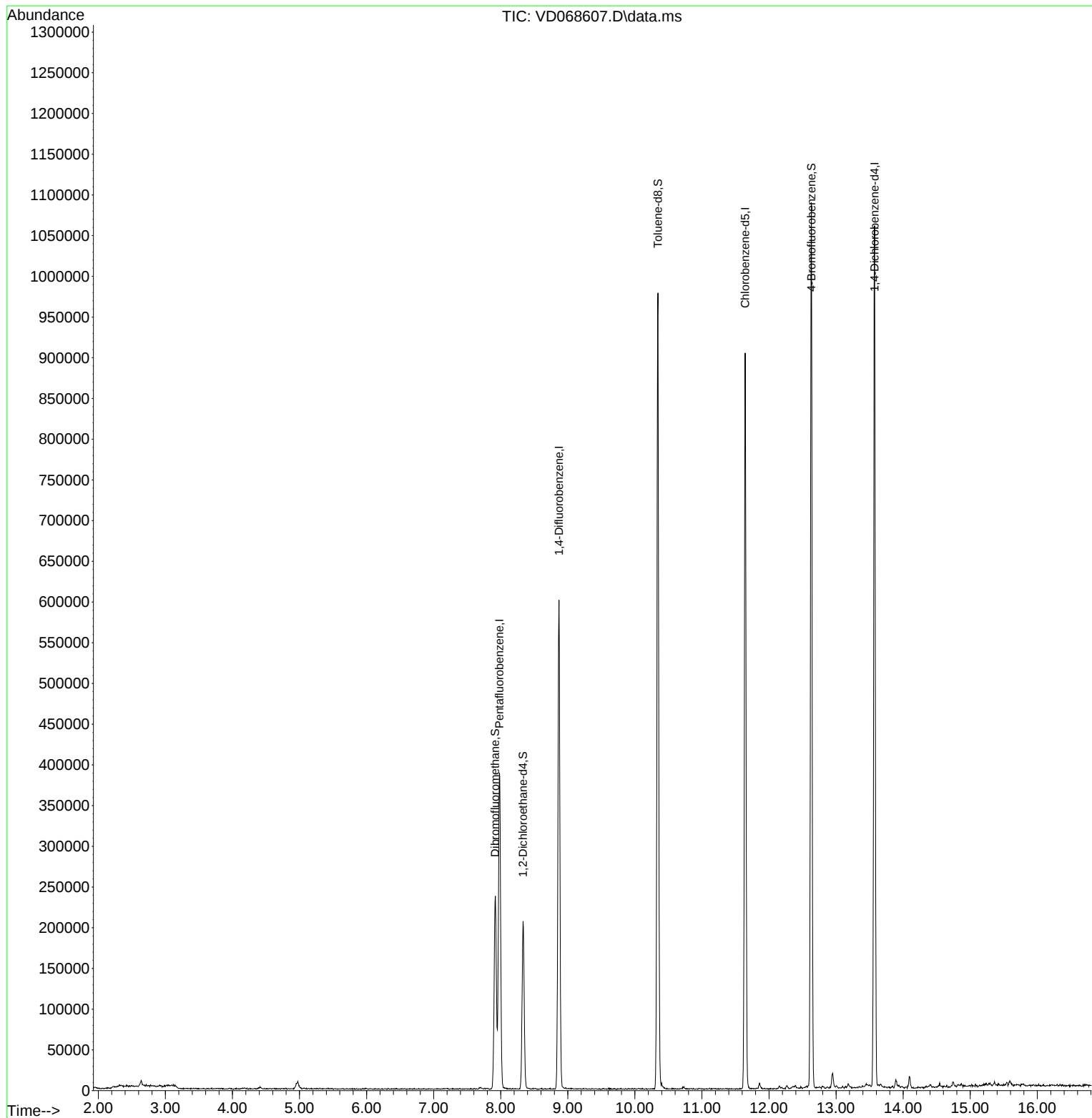
Target Compounds	Qvalue

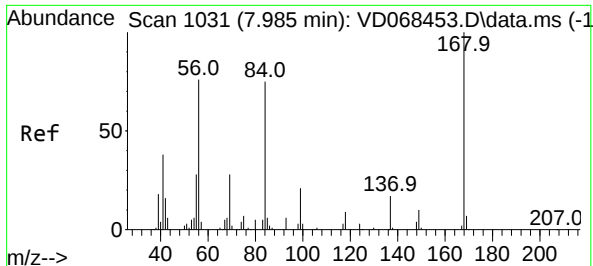
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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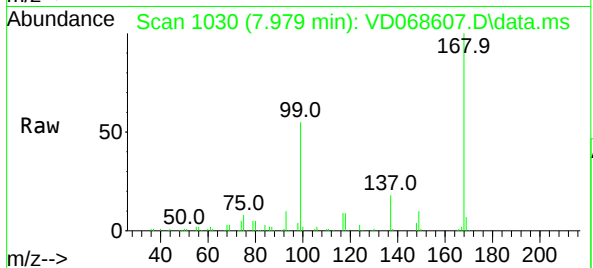
Quant Time: Mar 12 23:36:10 2021
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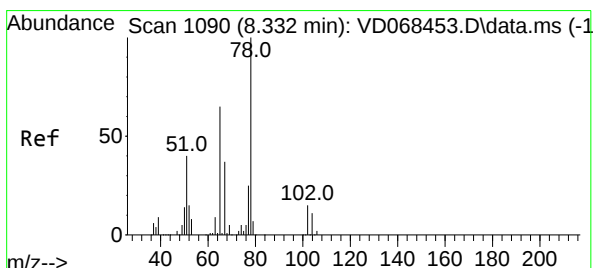
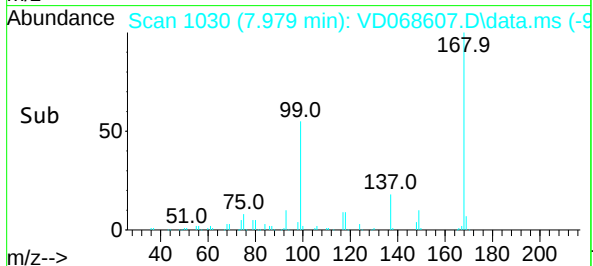
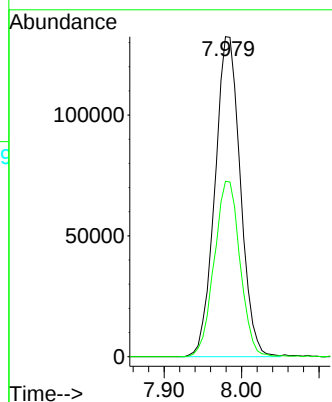


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068607.D
Acq: 12 Mar 2021 15:33

Instrument :
MSVOA_D
ClientSampleId :
CSB-6-8-8.5

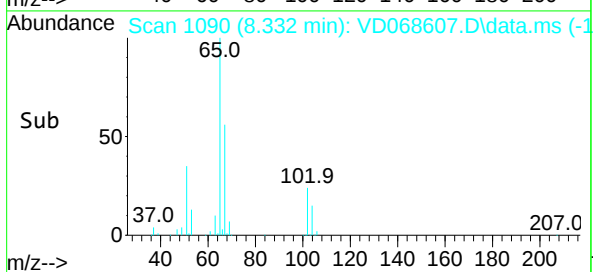
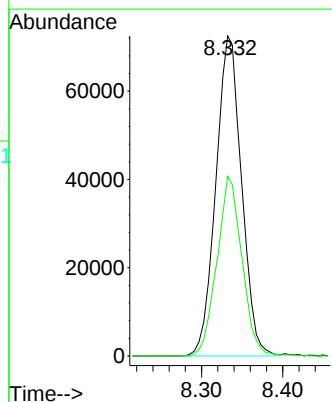
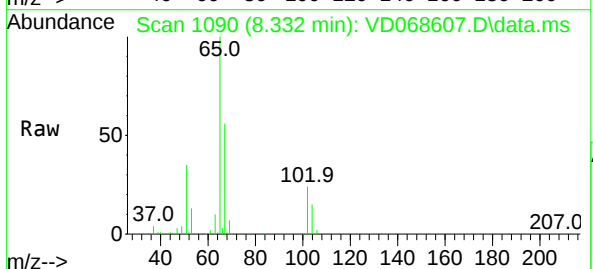


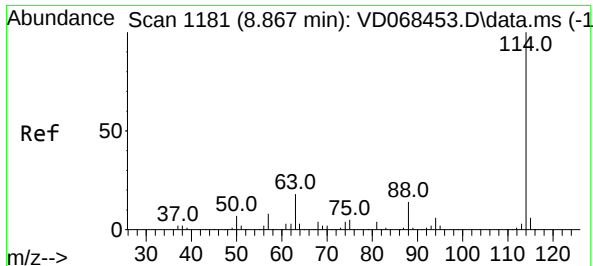
Tgt Ion:168 Resp: 302461
Ion Ratio Lower Upper
168 100
99 54.8 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.75 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068607.D
Acq: 12 Mar 2021 15:33

Tgt Ion: 65 Resp: 159422
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.001 min

Lab File: VD068607.D

Acq: 12 Mar 2021 15:33

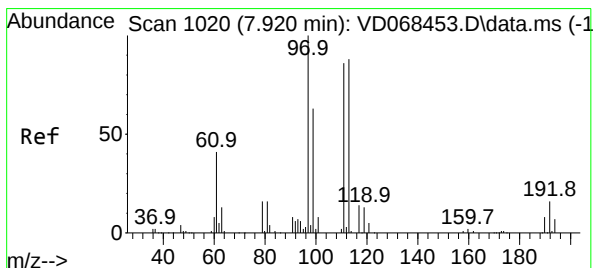
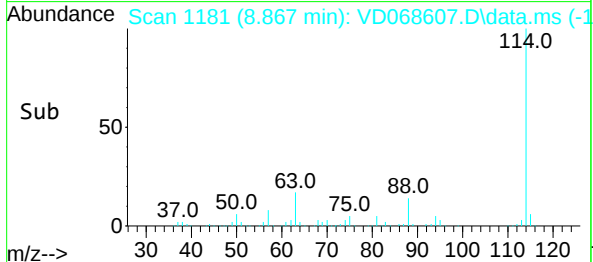
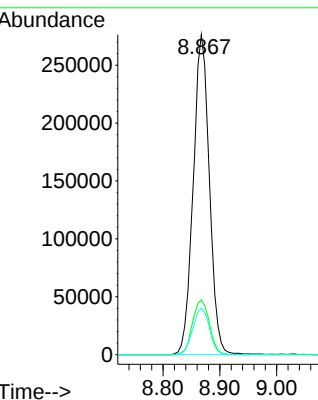
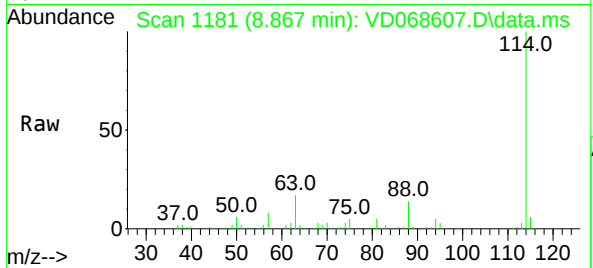
Tgt Ion:114 Resp: 545739

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.8

88 14.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.97 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068607.D

Acq: 12 Mar 2021 15:33

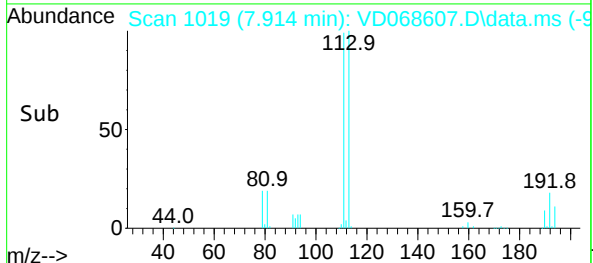
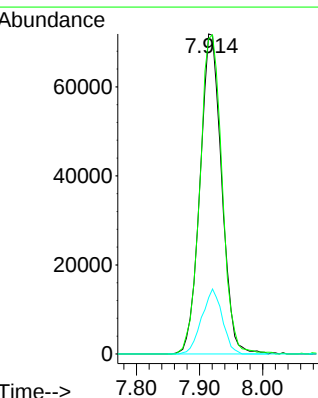
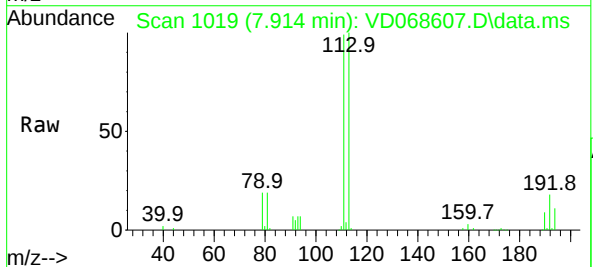
Tgt Ion:113 Resp: 170852

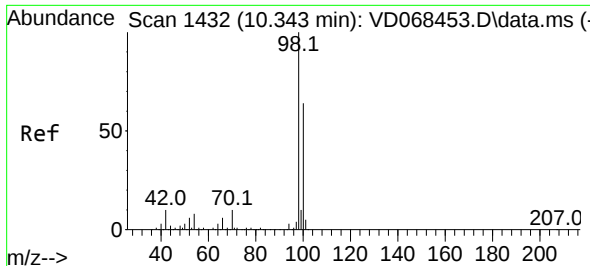
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

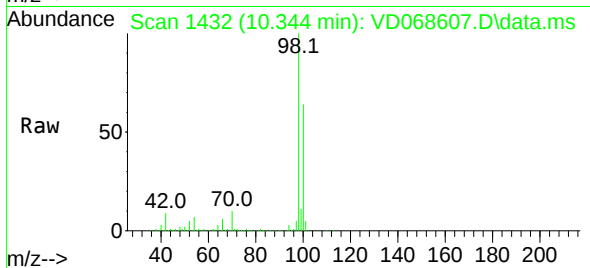
192 19.2 16.1 24.1



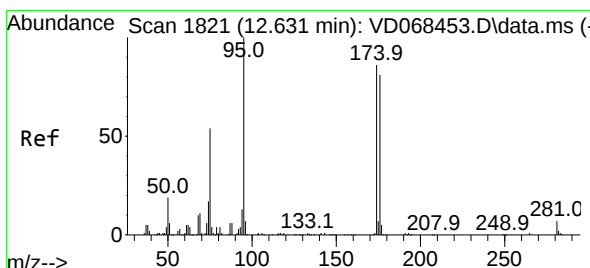
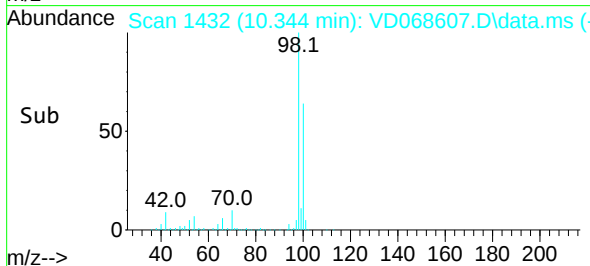
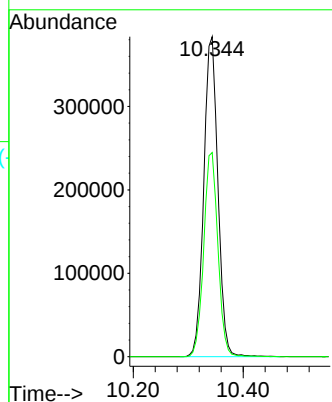


#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068607.D
Acq: 12 Mar 2021 15:33

Instrument :
MSVOA_D
ClientSampleId :
CSB-6-8-8.5

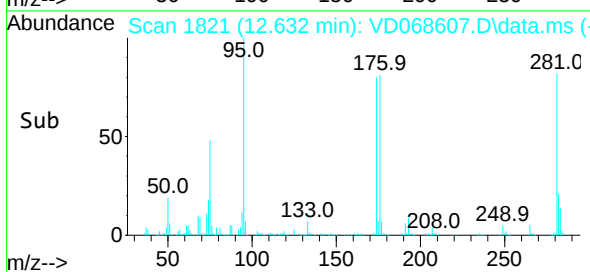
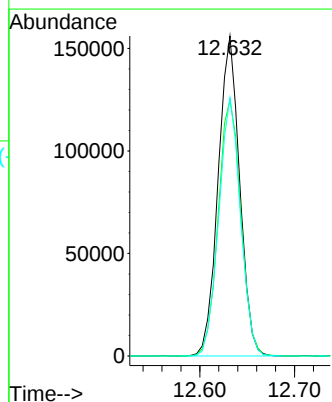
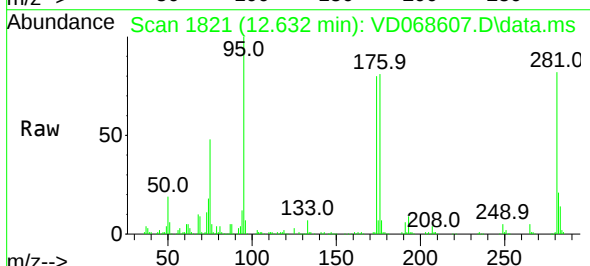


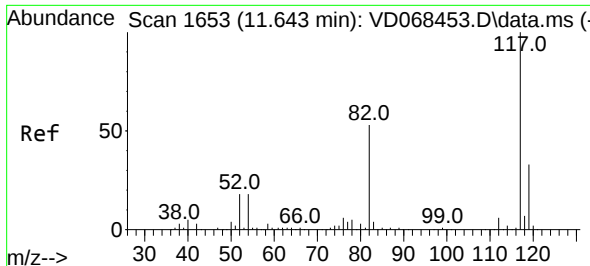
Tgt Ion: 98 Resp: 684802
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068607.D
Acq: 12 Mar 2021 15:33

Tgt Ion: 95 Resp: 246499
Ion Ratio Lower Upper
95 100
174 83.9 0.0 172.4
176 81.4 0.0 168.4

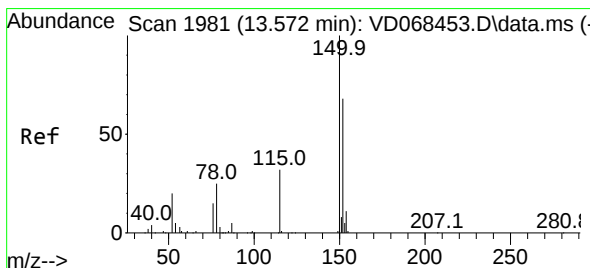
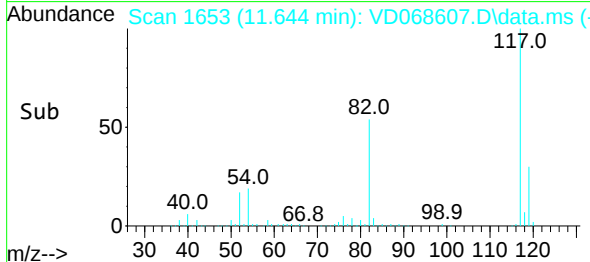
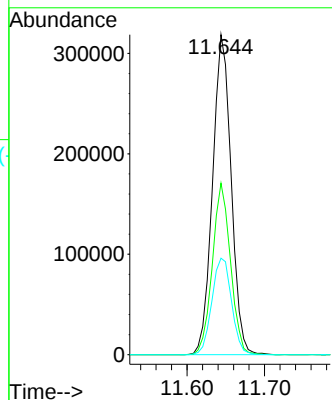
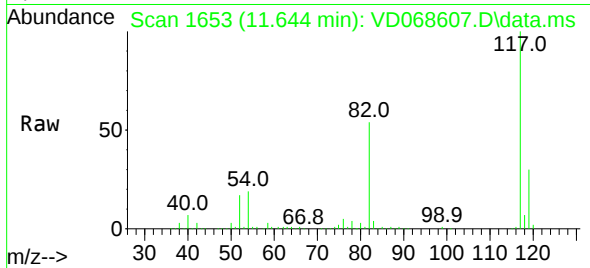




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068607.D
Acq: 12 Mar 2021 15:33

Instrument :
MSVOA_D
ClientSampleId :
CSB-6-8-8.5

Tgt Ion:117 Resp: 531195
Ion Ratio Lower Upper
117 100
82 53.6 41.4 62.0
119 30.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068607.D
Acq: 12 Mar 2021 15:33

Tgt Ion:152 Resp: 291557
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.8
150 159.0 0.0 344.4

