

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068909.D
 Acq On : 19 Apr 2021 19:52
 Operator : VA/SY
 Sample : M2076-16
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18-0-2.0

Quant Time: Apr 20 00:55:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	180347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	317074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	360811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	182816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	79545	41.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.46%
35) Dibromofluoromethane	7.920	113	98014	47.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.04%
50) Toluene-d8	10.338	98	403231	51.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.66%
62) 4-Bromofluorobenzene	12.632	95	156269	60.48	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.96%

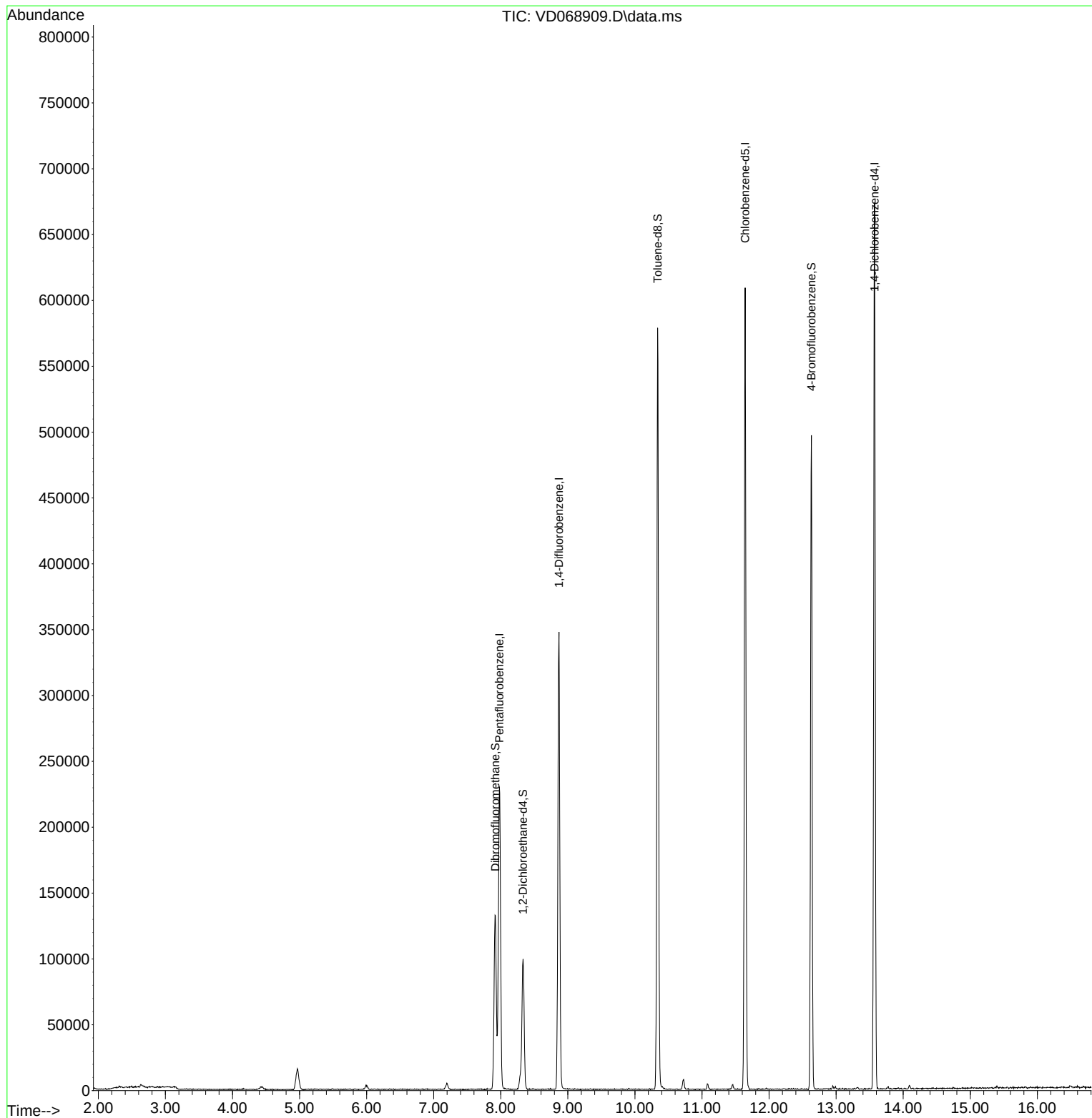
Target Compounds	Qvalue

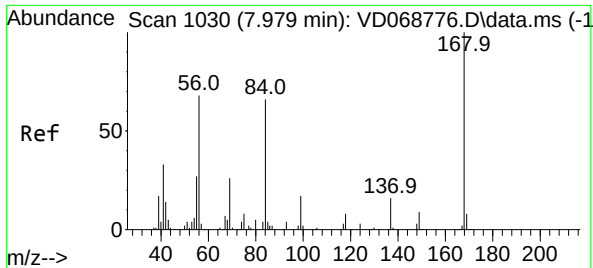
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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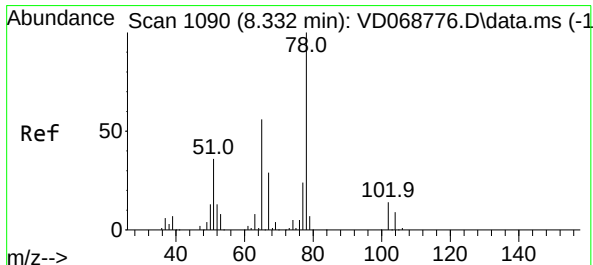
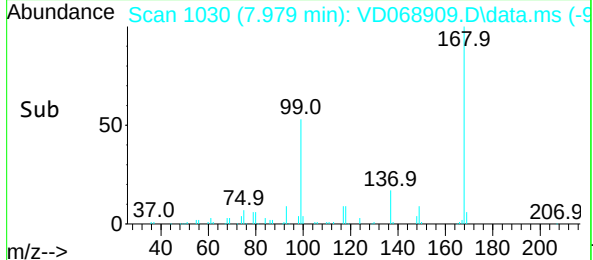
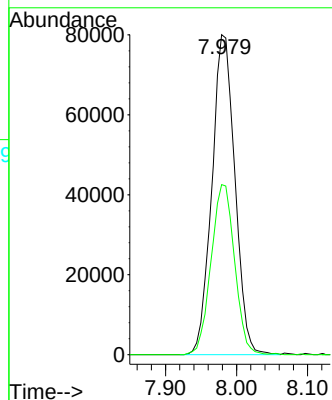
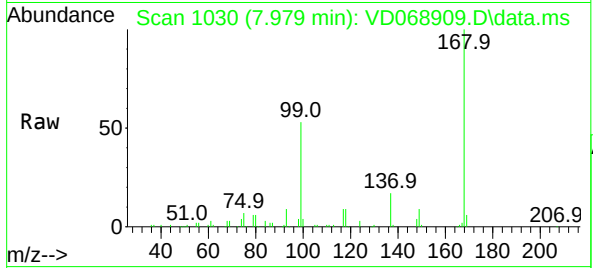




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068909.D
Acq: 19 Apr 2021 19:52

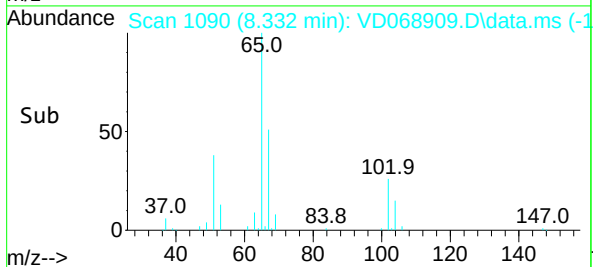
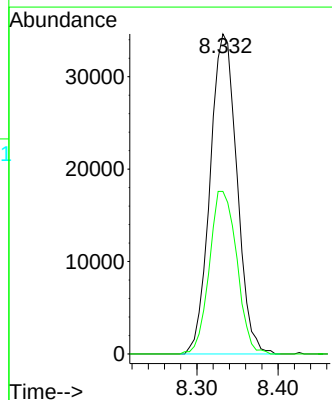
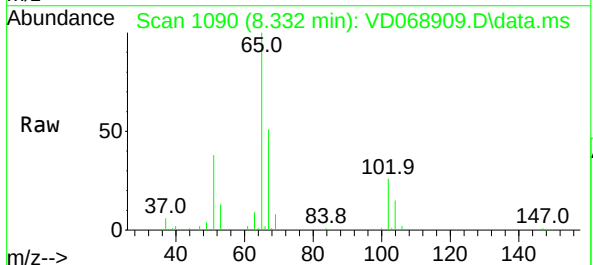
Instrument :
MSVOA_D
ClientSampleId :
SB-18-0-2.0

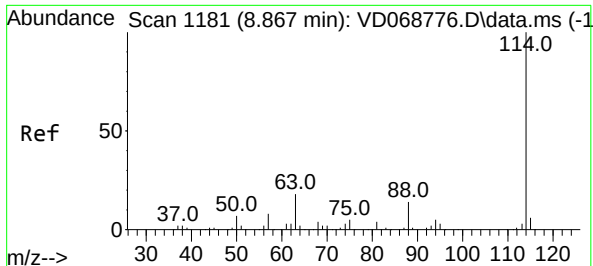
Tgt Ion:168 Resp: 180347
Ion Ratio Lower Upper
168 100
99 53.1 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068909.D
Acq: 19 Apr 2021 19:52

Tgt Ion: 65 Resp: 79545
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068909.D

Acq: 19 Apr 2021 19:52

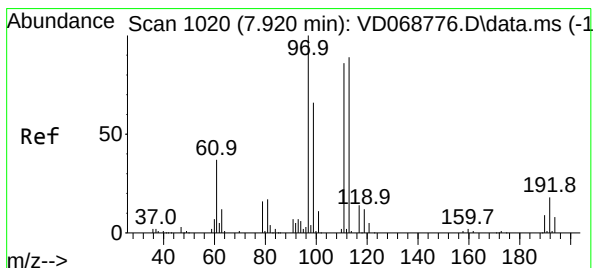
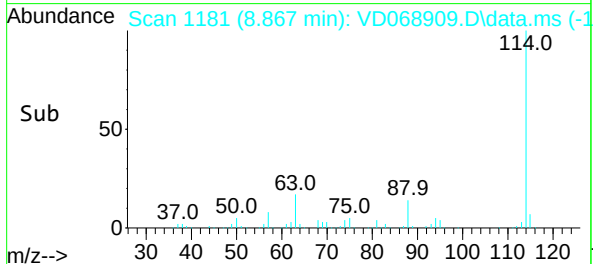
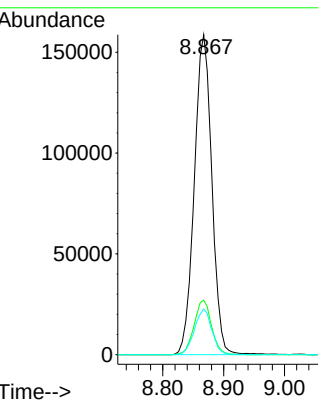
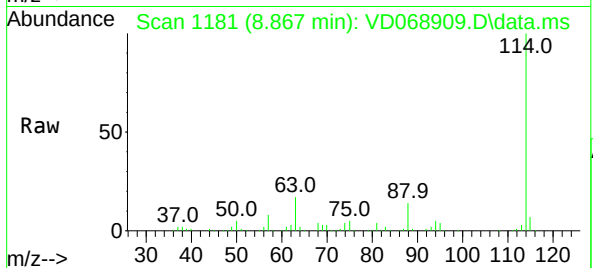
Tgt Ion:114 Resp: 317074

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.2

88 14.2 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.52 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068909.D

Acq: 19 Apr 2021 19:52

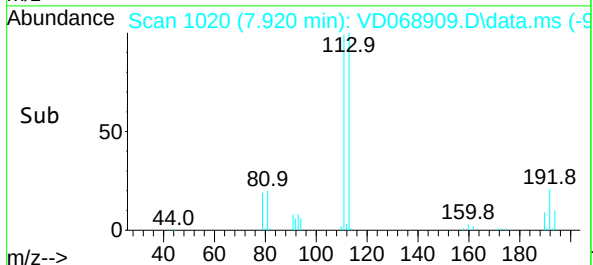
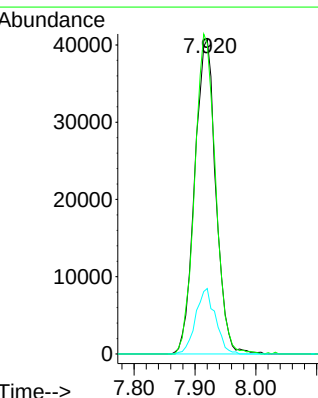
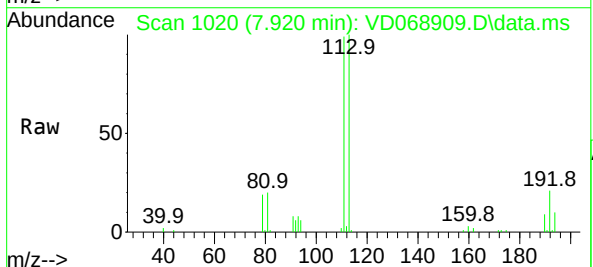
Tgt Ion:113 Resp: 98014

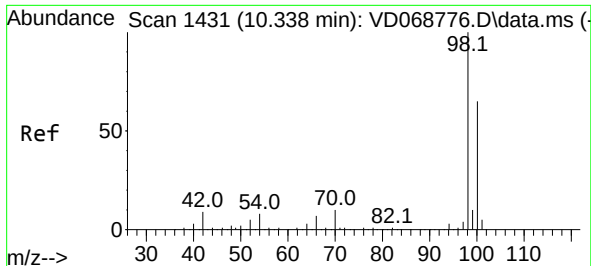
Ion Ratio Lower Upper

113 100

111 100.5 82.5 123.7

192 19.5 15.1 22.7

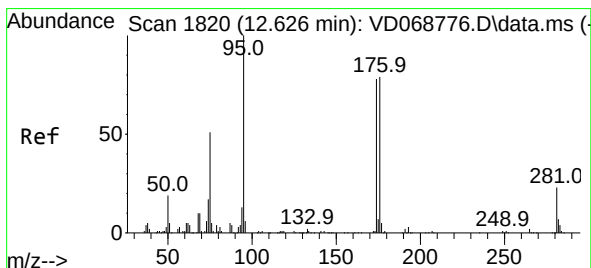
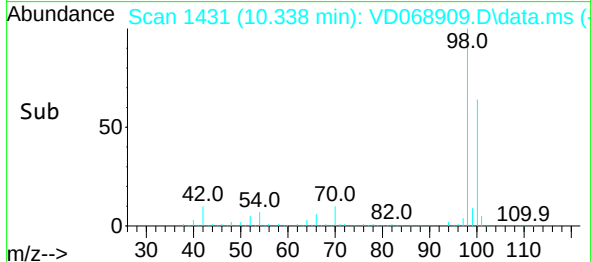
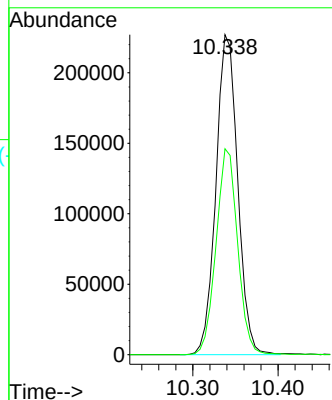
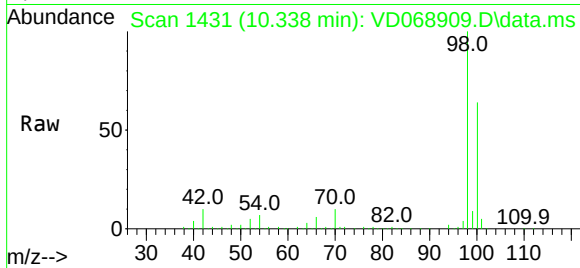




#50
Toluene-d8
Concen: 51.83 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068909.D
Acq: 19 Apr 2021 19:52

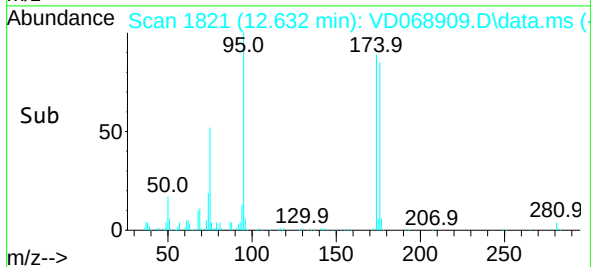
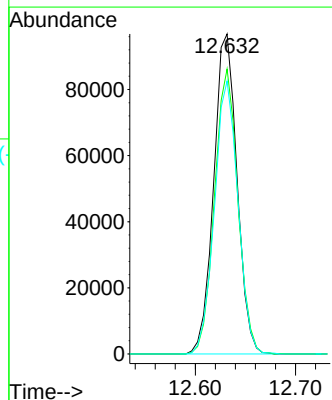
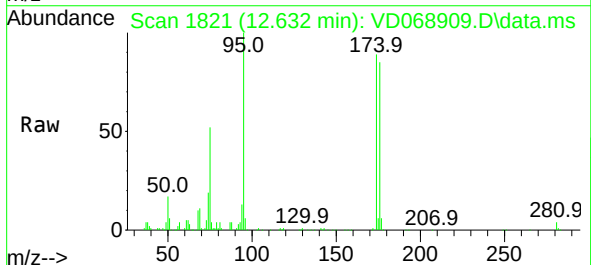
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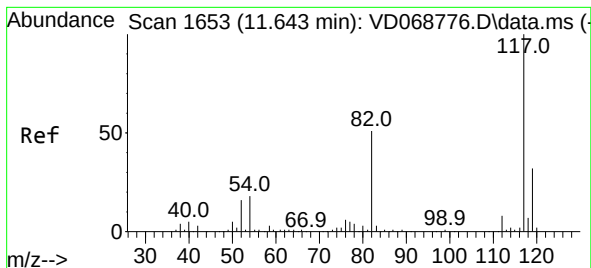
Tgt Ion: 98 Resp: 403231
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068909.D
Acq: 19 Apr 2021 19:52

Tgt Ion: 95 Resp: 156269
Ion Ratio Lower Upper
95 100
174 88.8 0.0 168.0
176 86.0 0.0 160.2

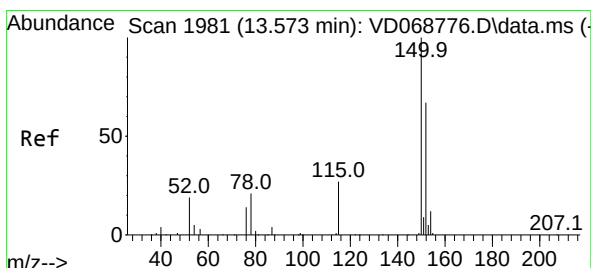
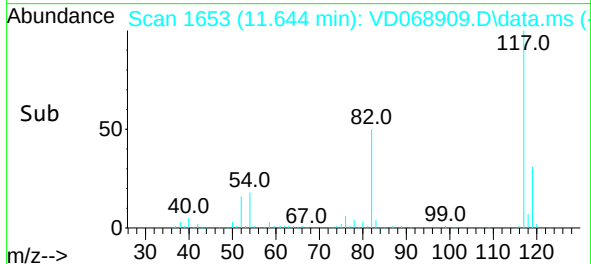
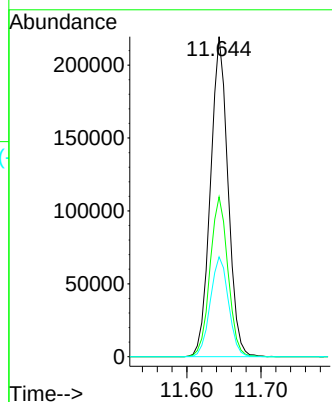
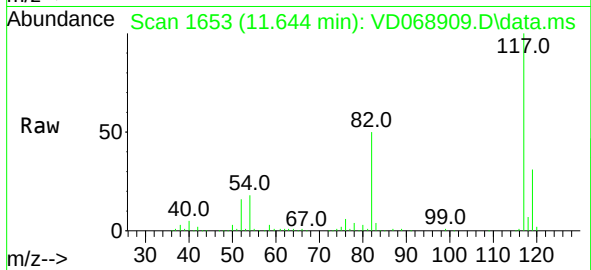




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068909.D
Acq: 19 Apr 2021 19:52

Instrument :
MSVOA_D
ClientSampleId :
SB-18-0-2.0

Tgt Ion:117 Resp: 360811
Ion Ratio Lower Upper
117 100
82 49.9 43.5 65.3
119 31.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068909.D
Acq: 19 Apr 2021 19:52

Tgt Ion:152 Resp: 182816
Ion Ratio Lower Upper
152 100
115 57.1 29.3 87.8
150 157.7 0.0 347.6

