

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068537.D
 Acq On : 05 Mar 2021 10:53
 Operator : VA/SY
 Sample : VD0305SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0305SBL01

Quant Time: Mar 05 23:10:04 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	343502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	595855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	563708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	166152	48.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.82%
35) Dibromofluoromethane	7.914	113	178454	49.72	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.44%
50) Toluene-d8	10.344	98	743471	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.632	95	239999	52.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.18%

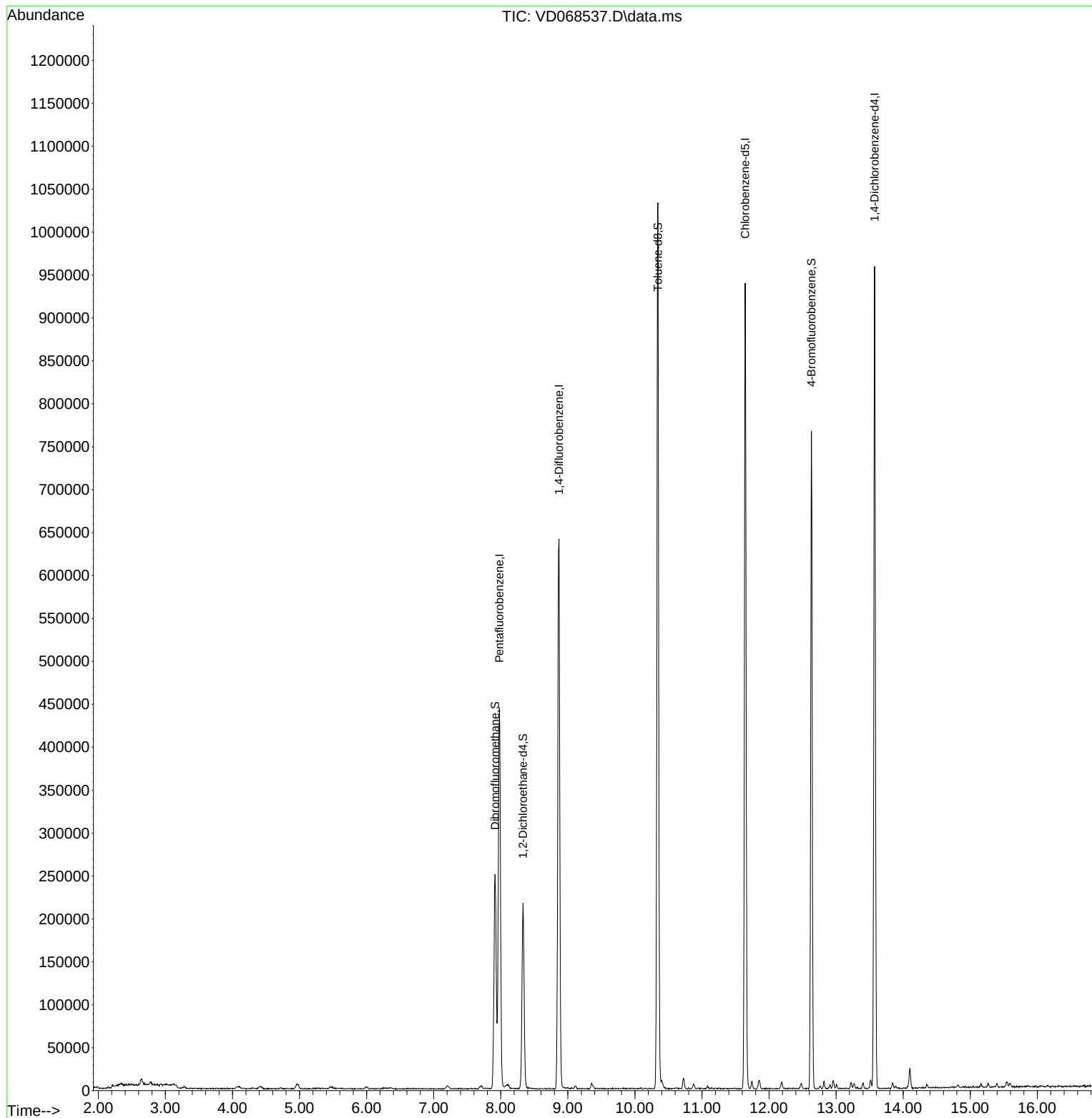
Target Compounds	Qvalue

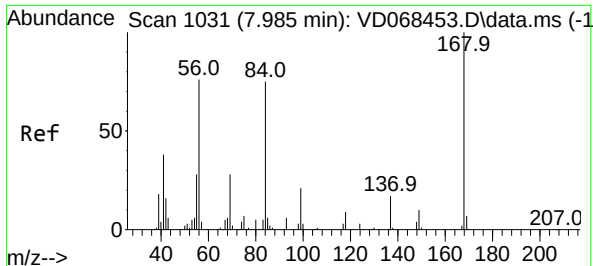
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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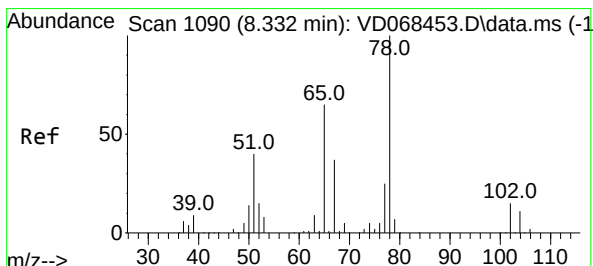
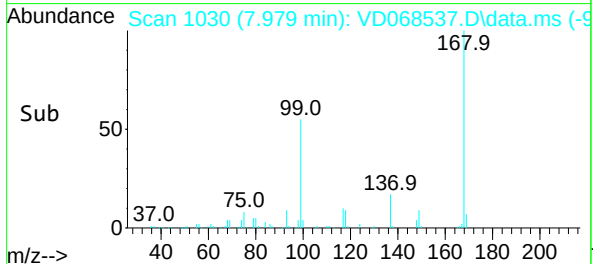
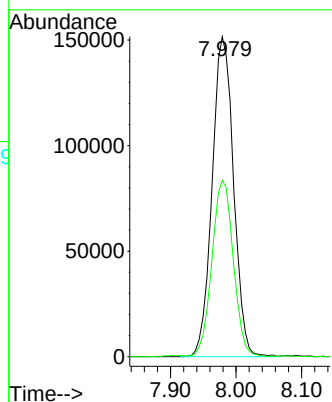
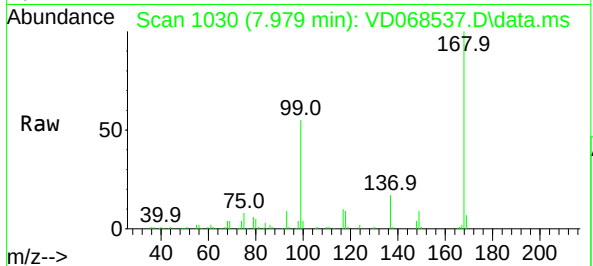




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068537.D
Acq: 05 Mar 2021 10:53

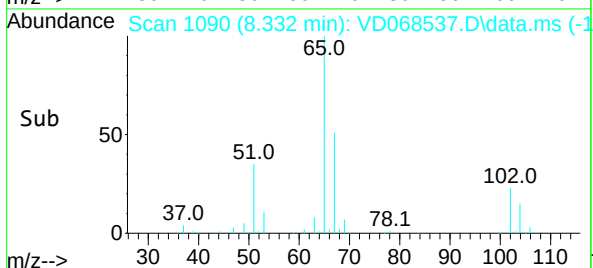
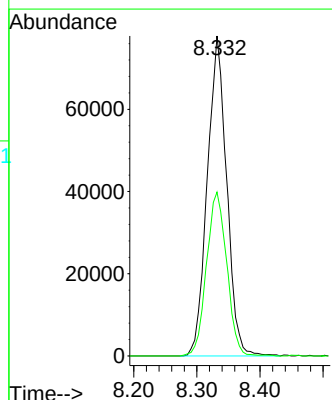
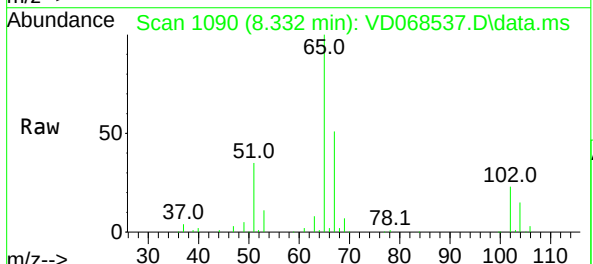
Instrument :
MSVOA_D
ClientSampleId :
VD0305SBL01

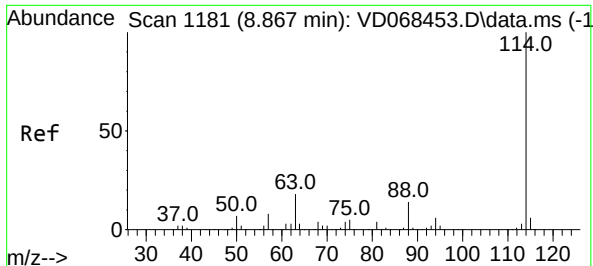
Tgt Ion:168 Resp: 343502
Ion Ratio Lower Upper
168 100
99 54.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 48.41 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068537.D
Acq: 05 Mar 2021 10:53

Tgt Ion: 65 Resp: 166152
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068537.D

Acq: 05 Mar 2021 10:53

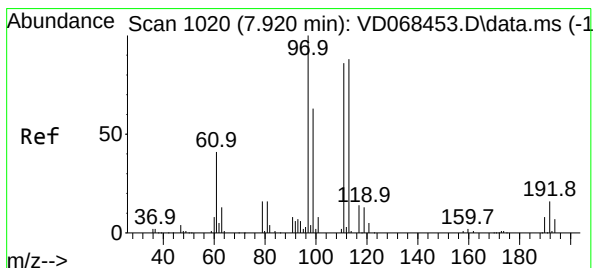
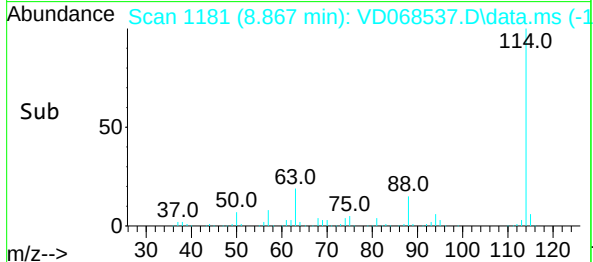
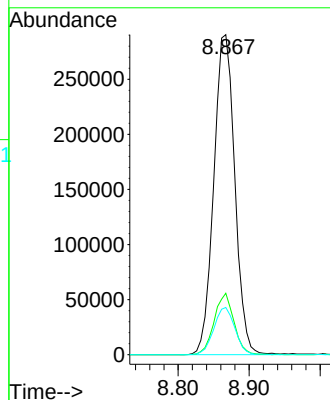
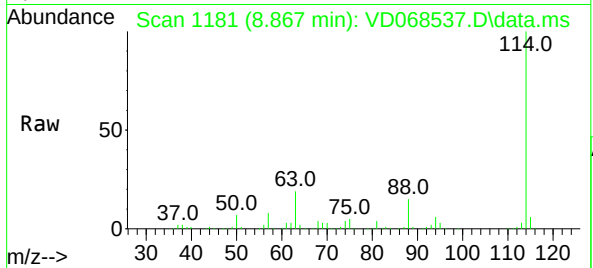
Tgt Ion:114 Resp: 595855

Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.8

88 14.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.72 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068537.D

Acq: 05 Mar 2021 10:53

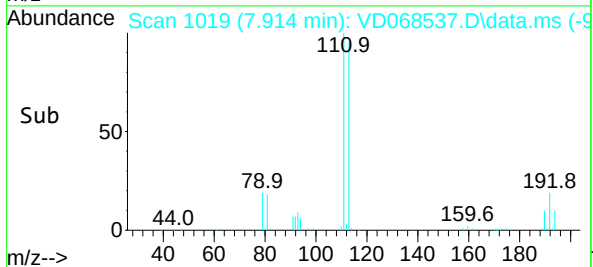
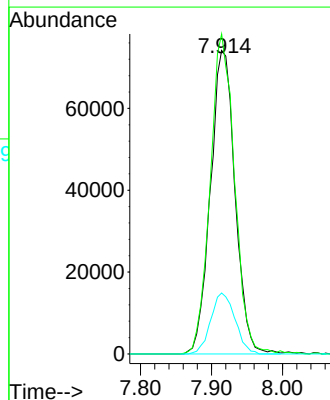
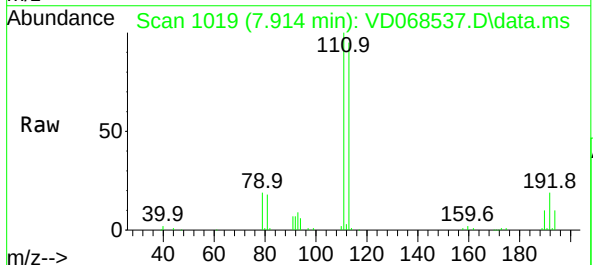
Tgt Ion:113 Resp: 178454

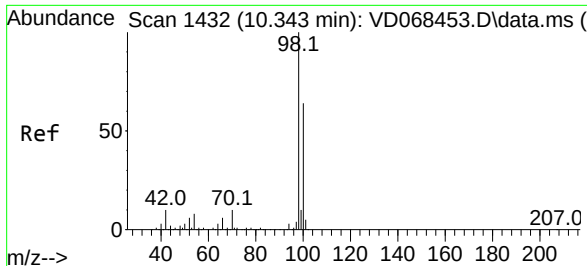
Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 19.8 16.1 24.1

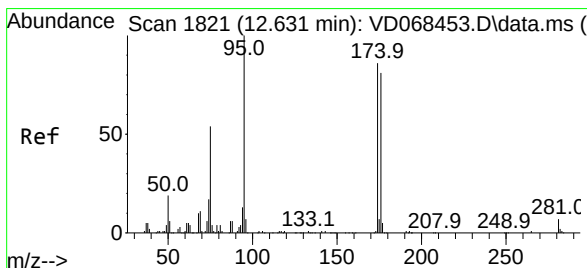
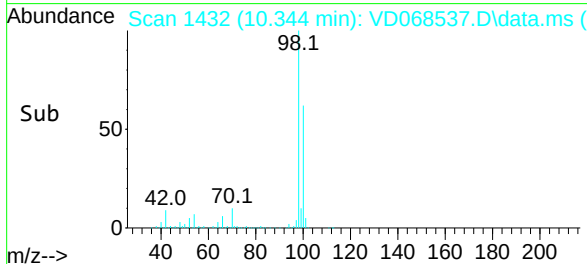
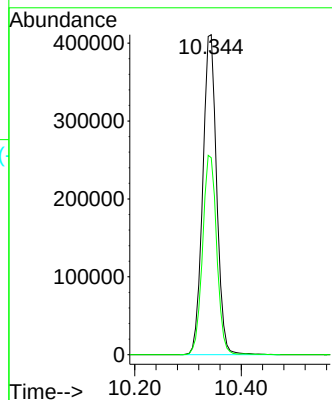
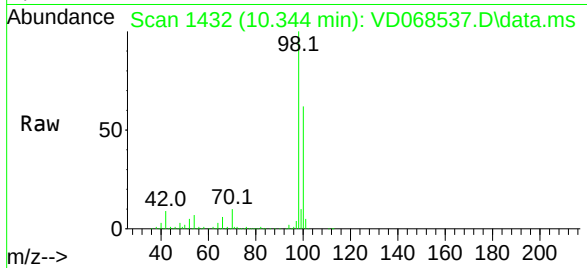




#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068537.D
Acq: 05 Mar 2021 10:53

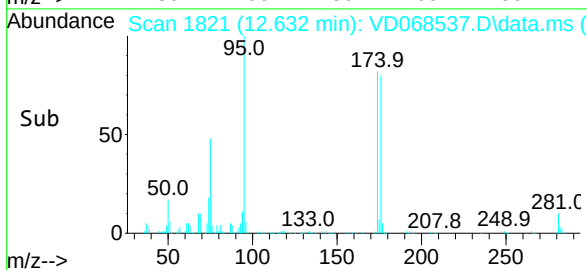
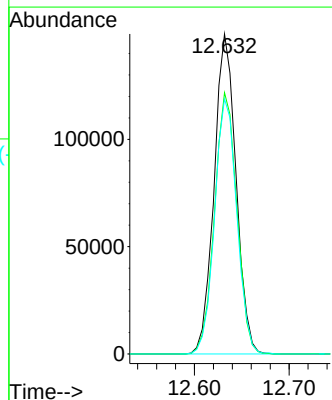
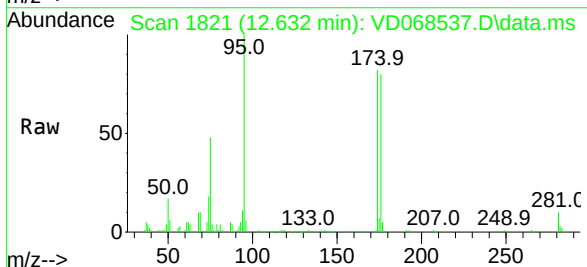
Instrument :
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VD0305SBL01

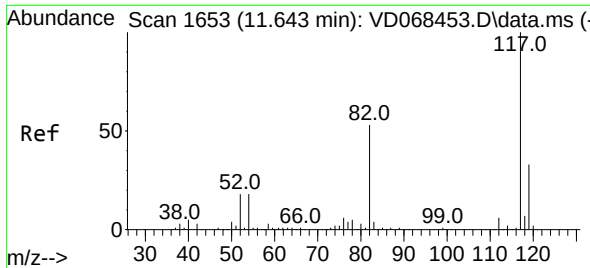
Tgt Ion: 98 Resp: 743471
Ion Ratio Lower Upper
98 100
100 63.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068537.D
Acq: 05 Mar 2021 10:53

Tgt Ion: 95 Resp: 239999
Ion Ratio Lower Upper
95 100
174 83.2 0.0 172.4
176 80.7 0.0 168.4

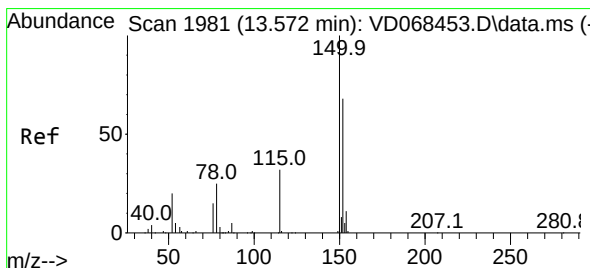
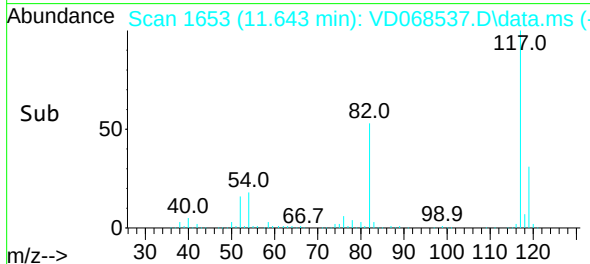
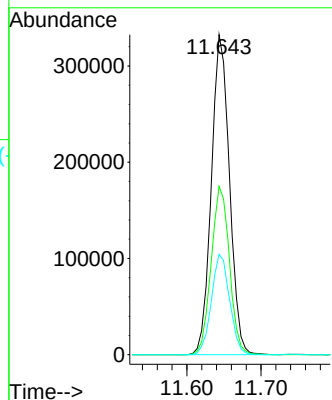
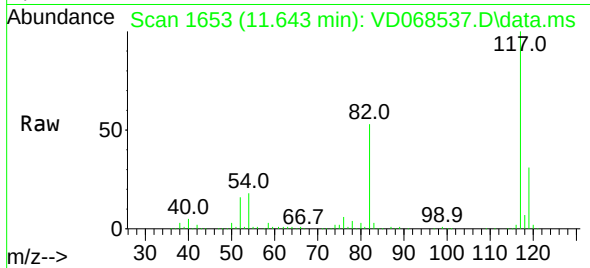




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068537.D
Acq: 05 Mar 2021 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0305SBL01

Tgt Ion:117 Resp: 563708
Ion Ratio Lower Upper
117 100
82 52.6 41.4 62.0
119 31.4 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: VD068537.D
Acq: 05 Mar 2021 10:53

Tgt Ion:152 Resp: 260952
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.8
150 157.7 0.0 344.4

