

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069139.D
 Acq On : 12 May 2021 16:36
 Operator : VA/SY
 Sample : VD0512SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBL01

Quant Time: May 13 04:22:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	279199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	486635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	451003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	198856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152527	54.49	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.98%
35) Dibromofluoromethane	7.914	113	155711	49.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.34%
50) Toluene-d8	10.337	98	539825	46.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.78%
62) 4-Bromofluorobenzene	12.631	95	168983	45.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.26%

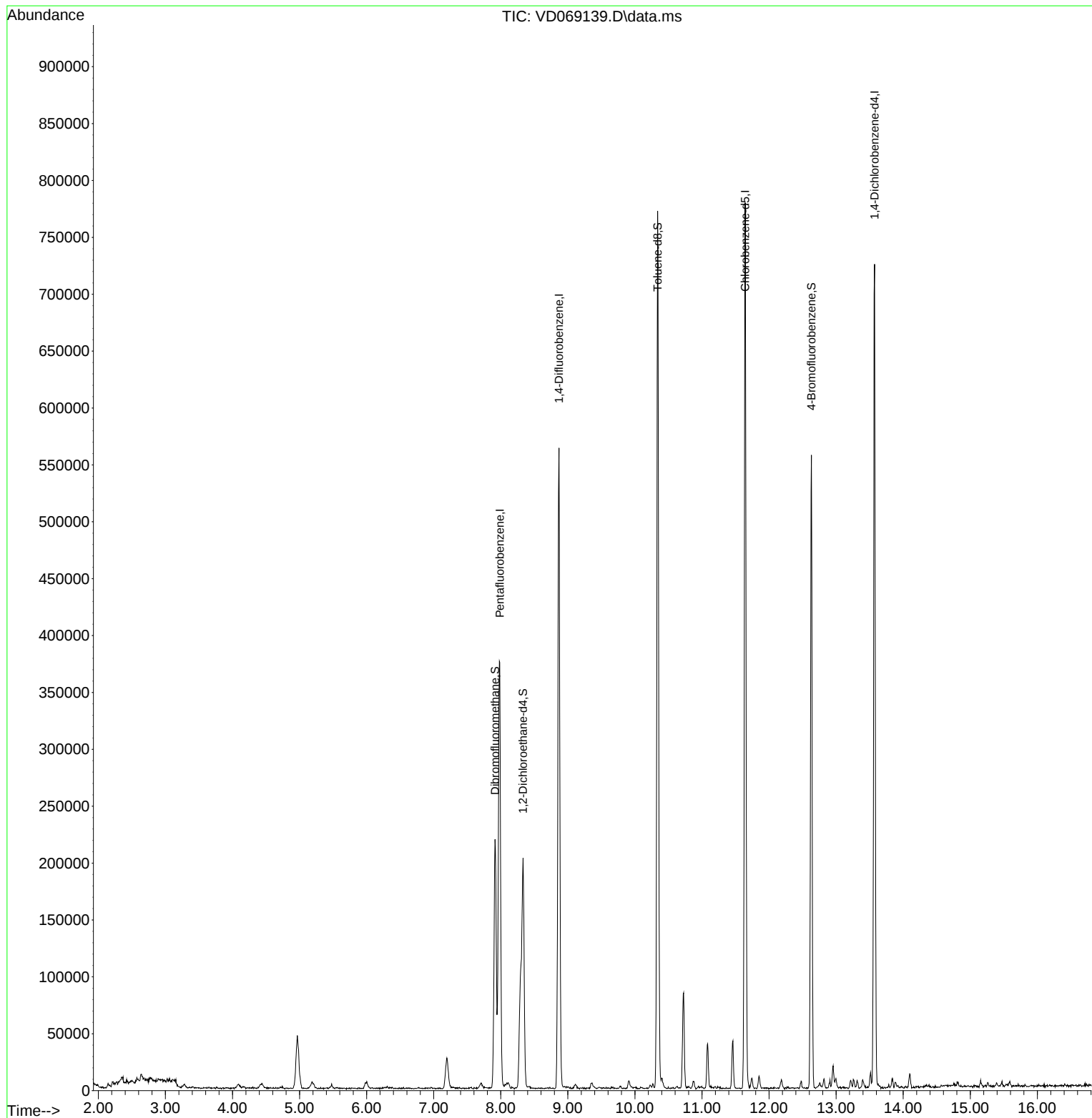
Target Compounds	Qvalue

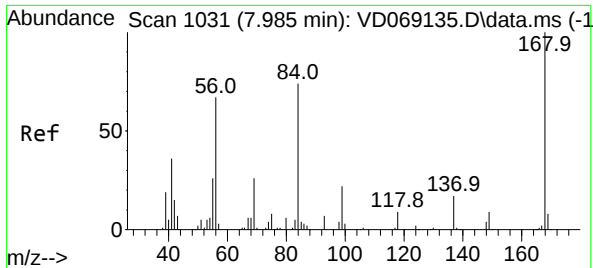
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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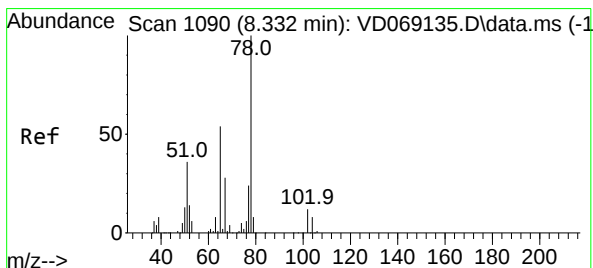
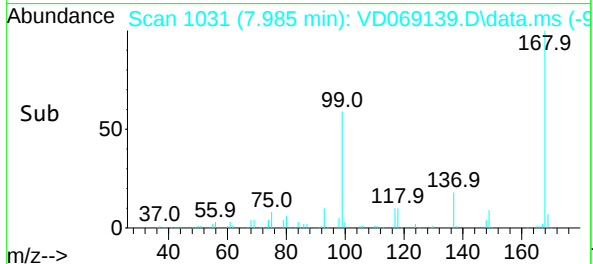
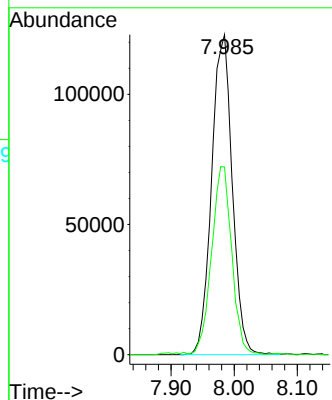
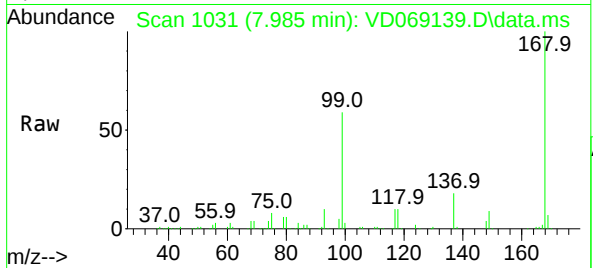




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069139.D
Acq: 12 May 2021 16:36

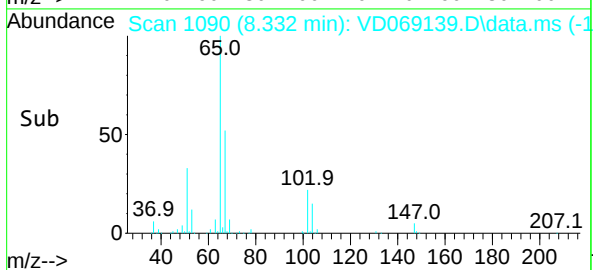
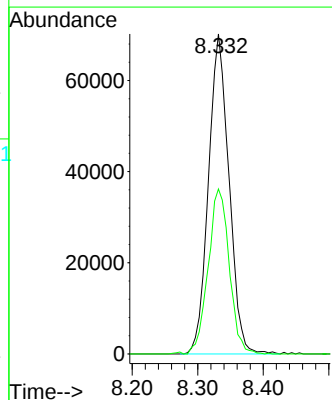
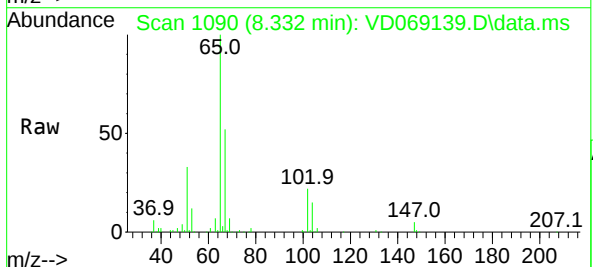
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL01

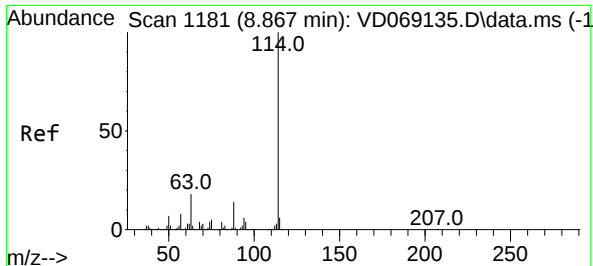
Tgt Ion:168 Resp: 279199
Ion Ratio Lower Upper
168 100
99 58.3 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 54.49 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069139.D
Acq: 12 May 2021 16:36

Tgt Ion: 65 Resp: 152527
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069139.D

Acq: 12 May 2021 16:36

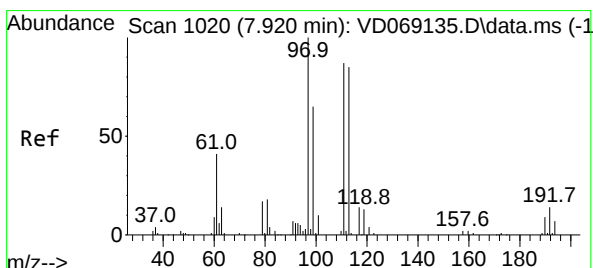
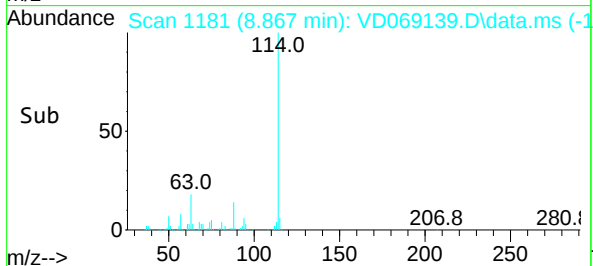
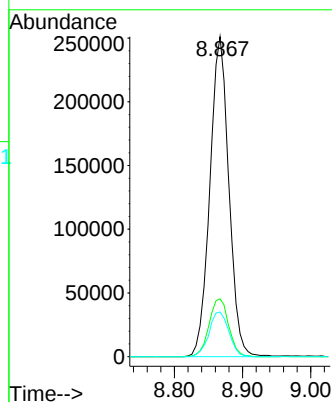
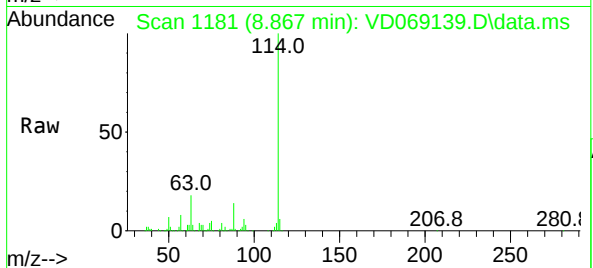
Tgt Ion:114 Resp: 486635

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.17 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069139.D

Acq: 12 May 2021 16:36

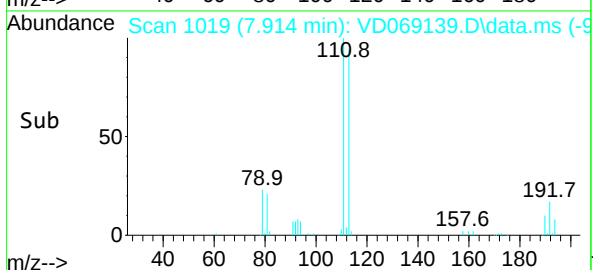
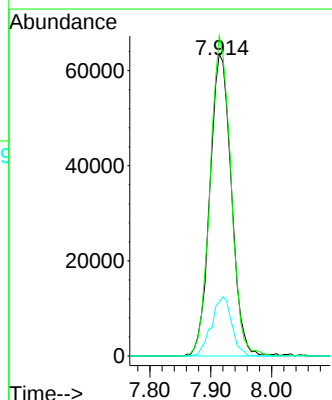
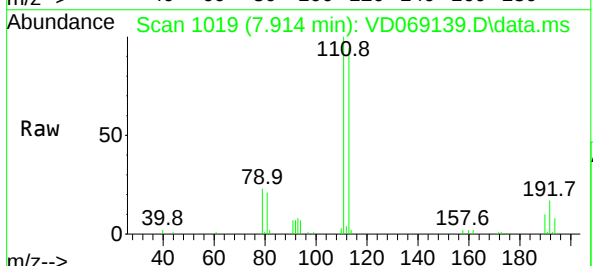
Tgt Ion:113 Resp: 155711

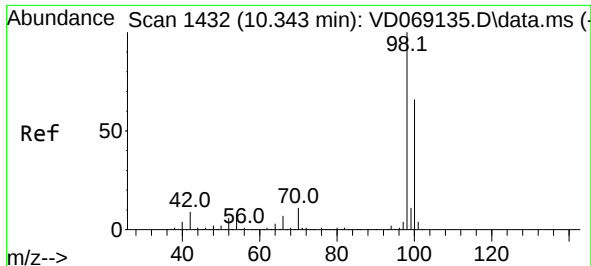
Ion Ratio Lower Upper

113 100

111 102.4 80.6 120.8

192 18.4 14.8 22.2

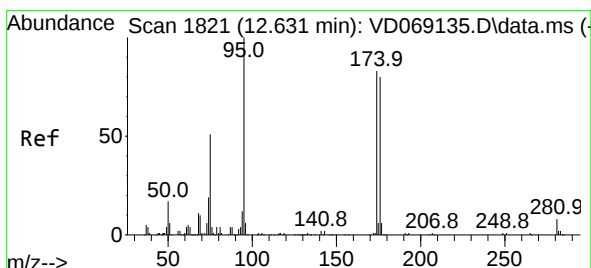
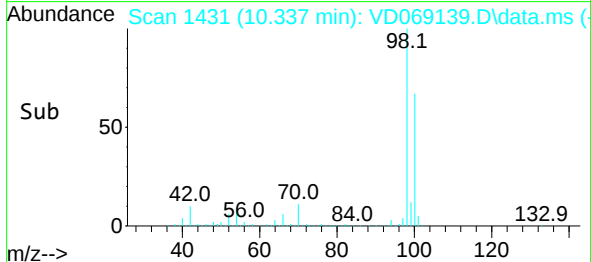
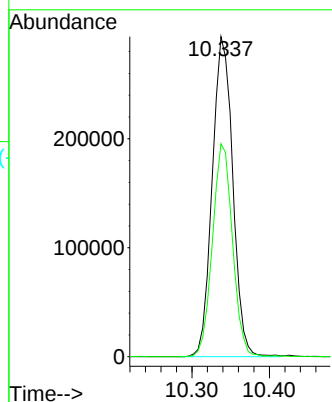
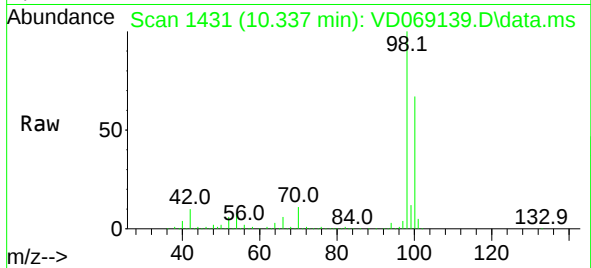




#50
Toluene-d8
Concen: 46.39 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069139.D
Acq: 12 May 2021 16:36

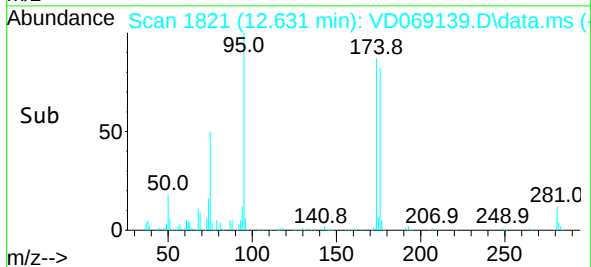
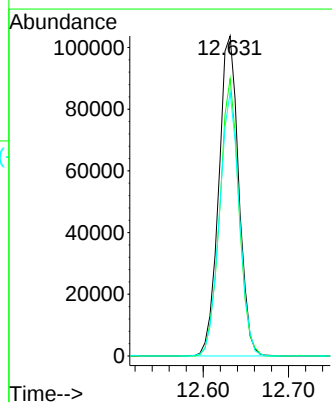
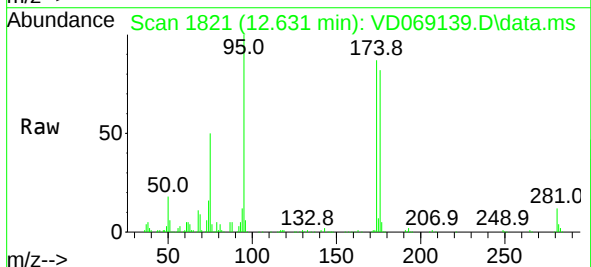
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL01

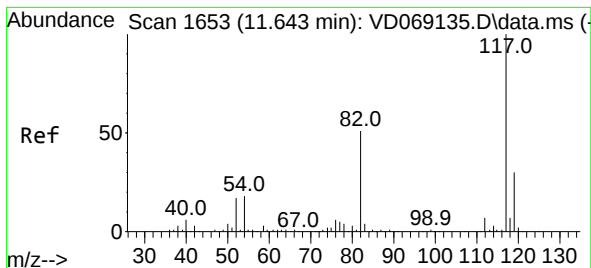
Tgt Ion: 98 Resp: 539825
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 45.13 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD069139.D
Acq: 12 May 2021 16:36

Tgt Ion: 95 Resp: 168983
Ion Ratio Lower Upper
95 100
174 82.8 0.0 171.8
176 81.5 0.0 165.4

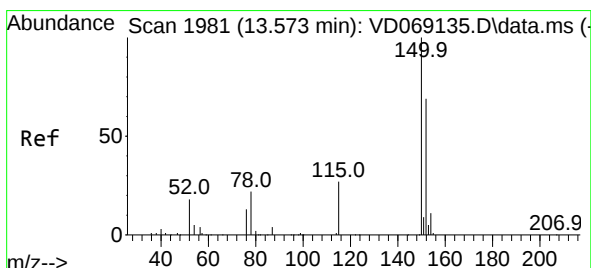
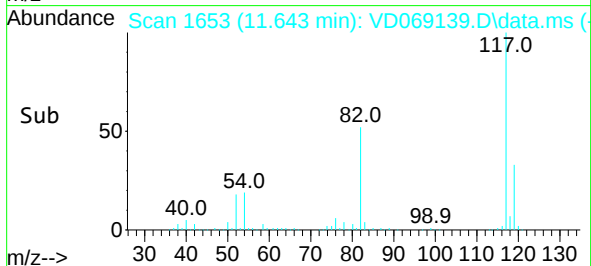
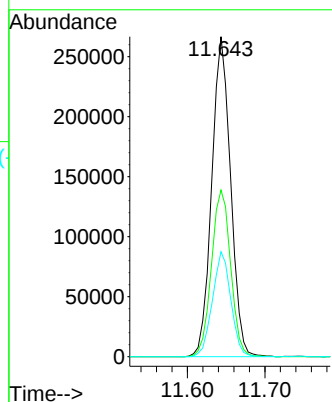
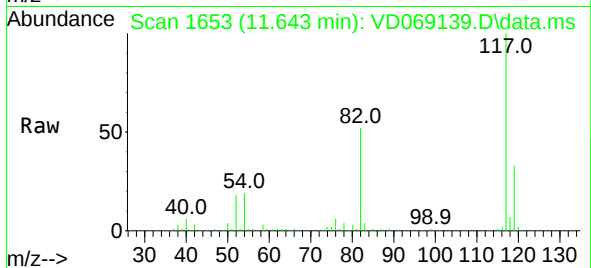




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069139.D
Acq: 12 May 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL01

Tgt Ion:117 Resp: 451003
Ion Ratio Lower Upper
117 100
82 52.1 40.5 60.7
119 32.8 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069139.D
Acq: 12 May 2021 16:36

Tgt Ion:152 Resp: 198856
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.8
150 155.9 0.0 350.2

