

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068740.D
 Acq On : 31 Mar 2021 16:10
 Operator : VA/SY
 Sample : M1874-07
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB11(14-15)

Quant Time: Apr 01 00:45:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	322610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	582398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	606475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	169008	51.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.90%	
35) Dibromofluoromethane	7.920	113	186662	51.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.02%	
50) Toluene-d8	10.343	98	746442	53.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.86%	
62) 4-Bromofluorobenzene	12.631	95	271328	59.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.80%	

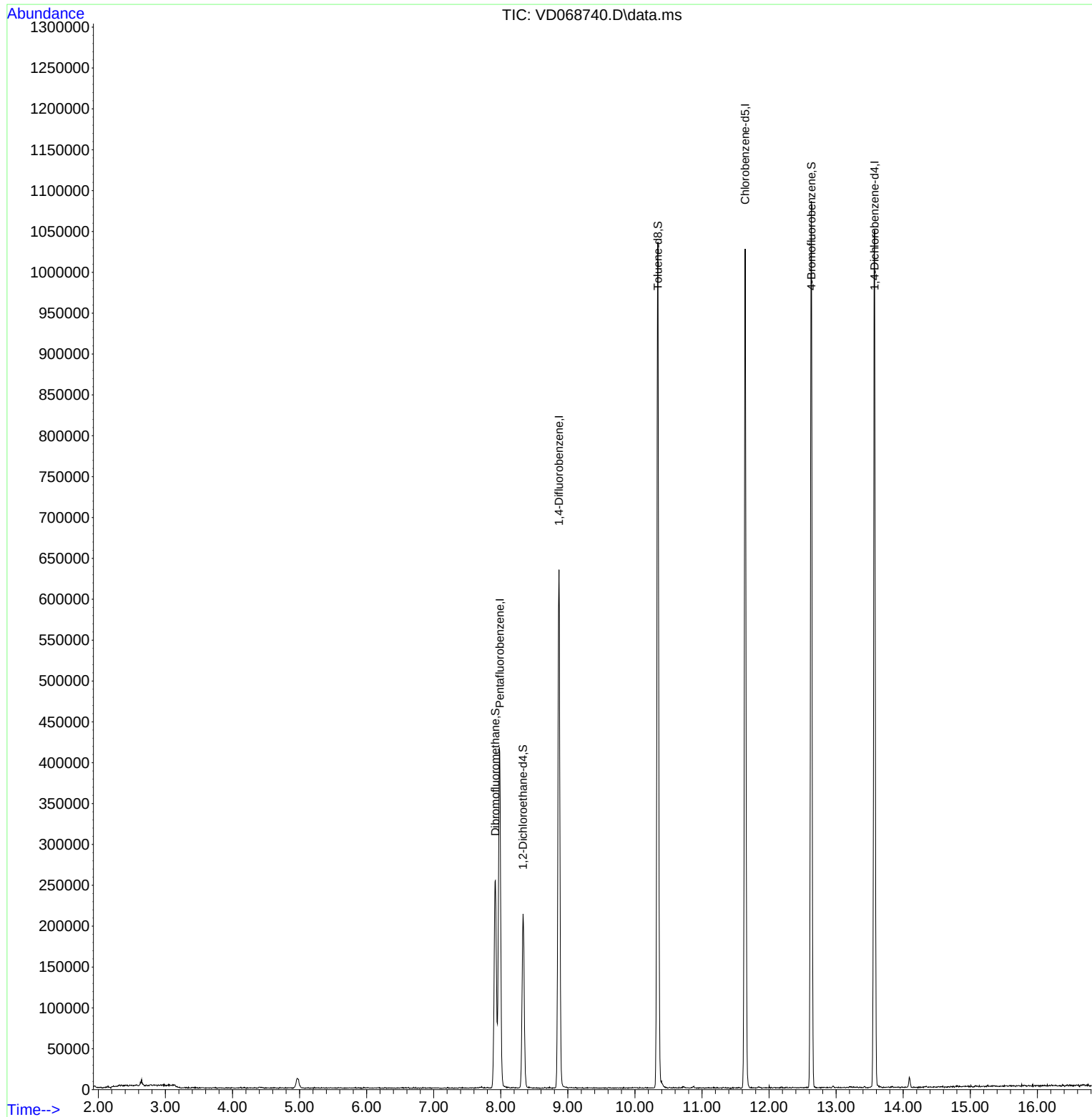
Target Compounds	Qvalue

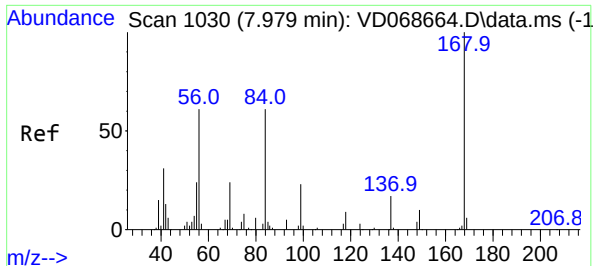
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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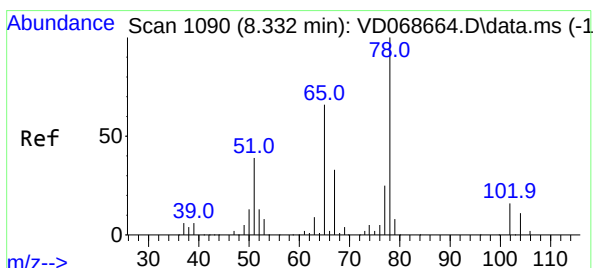
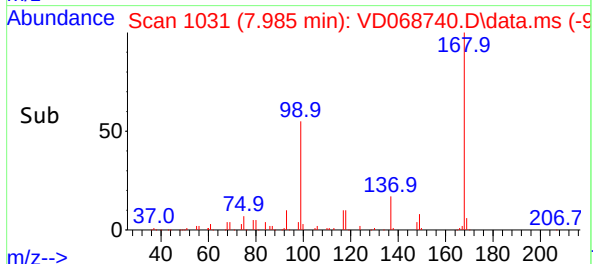
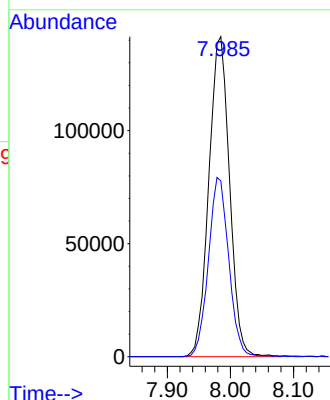
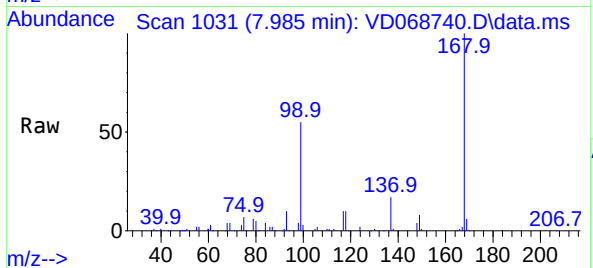




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

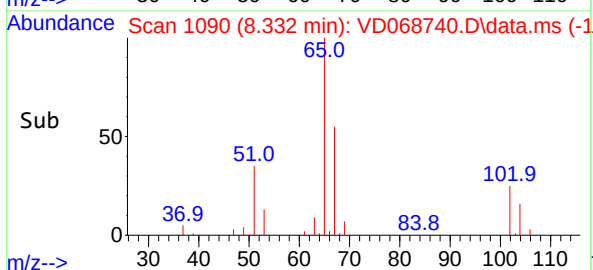
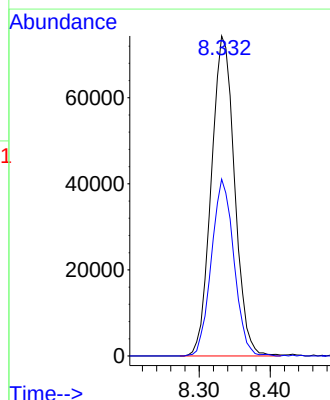
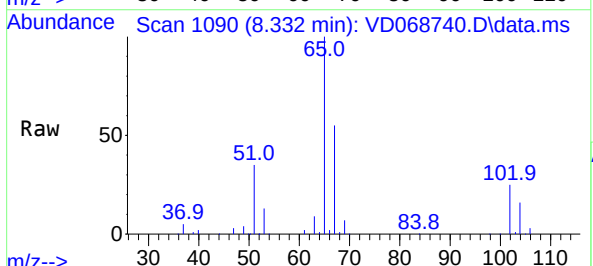
Instrument :
MSVOA_D
ClientSampleId :
FS-SB11(14-15)

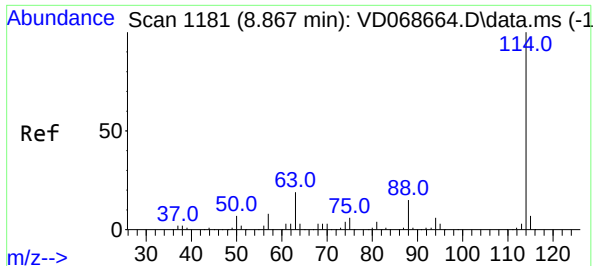
Tgt Ion:168 Resp: 322610
Ion Ratio Lower Upper
168 100
99 54.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 51.95 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 65 Resp: 169008
Ion Ratio Lower Upper
65 100
67 53.5 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: VD068740.D

Acq: 31 Mar 2021 16:10

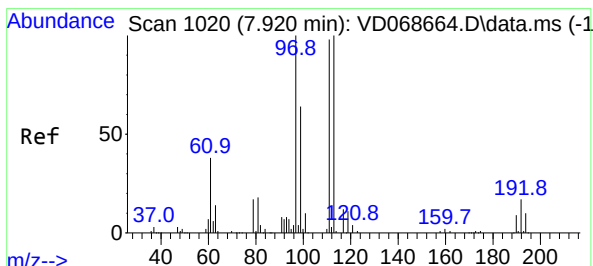
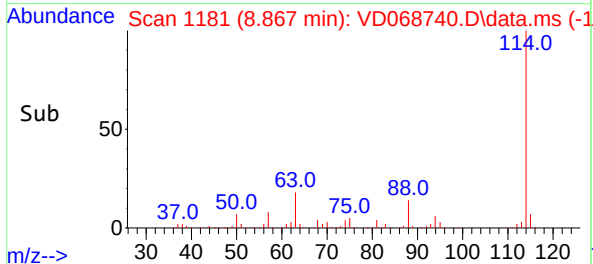
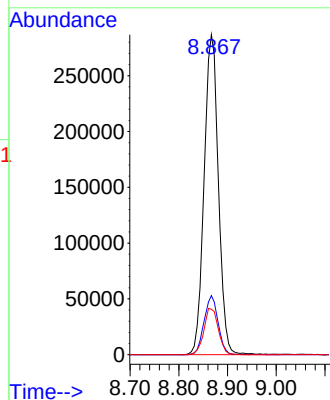
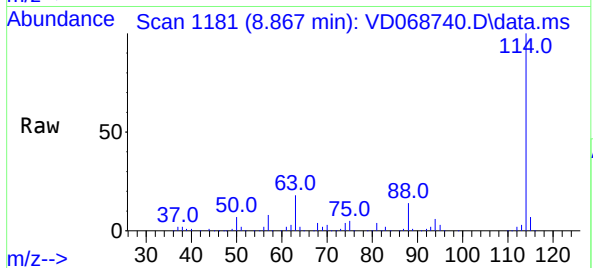
Tgt Ion:114 Resp: 582398

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.2

88 14.2 0.0 29.4



#35

Dibromofluoromethane

Concen: 51.51 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068740.D

Acq: 31 Mar 2021 16:10

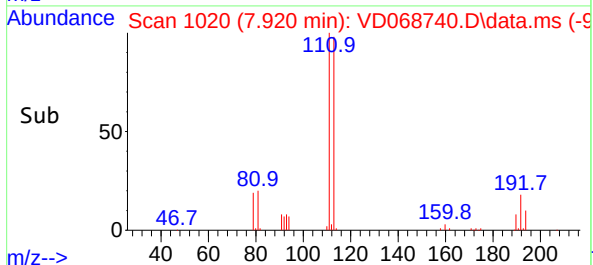
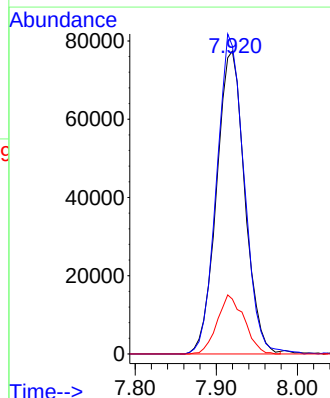
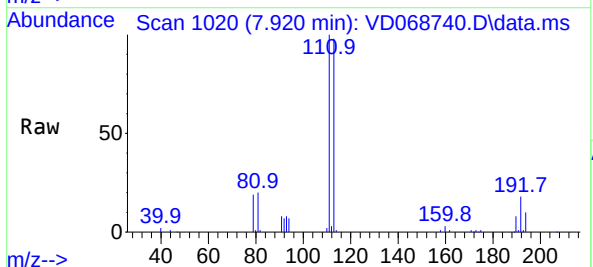
Tgt Ion:113 Resp: 186662

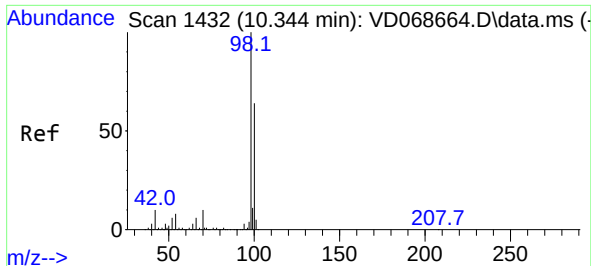
Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

192 18.6 15.1 22.7

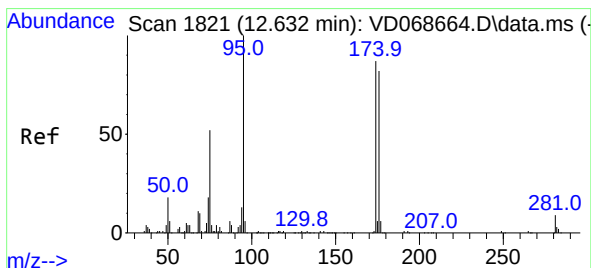
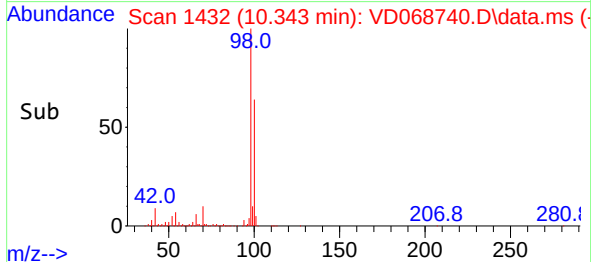
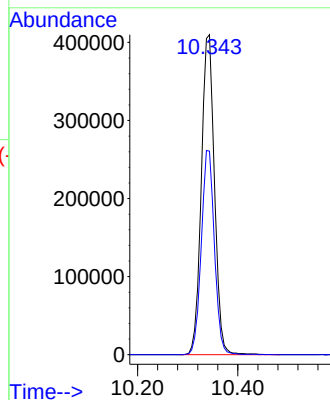
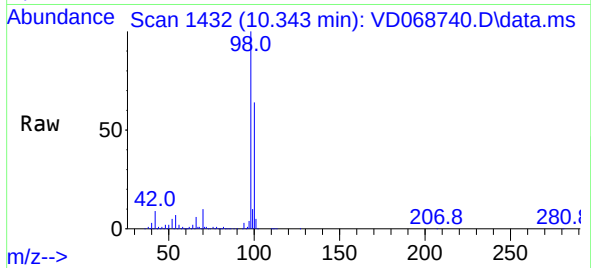




#50
Toluene-d8
Concen: 53.43 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

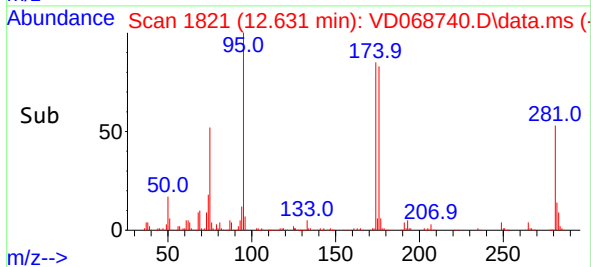
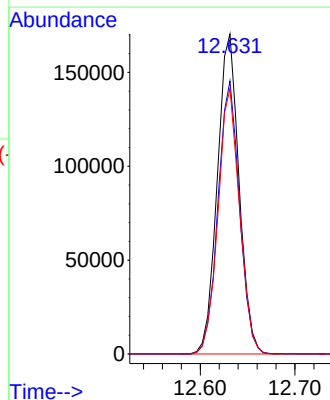
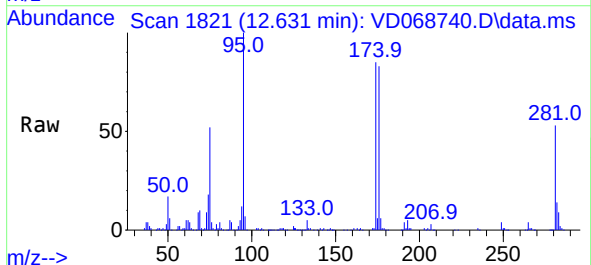
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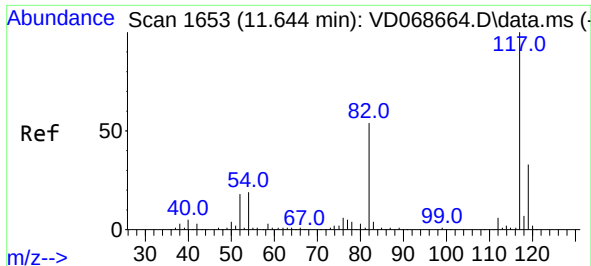
Tgt Ion: 98 Resp: 746442
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.90 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

Tgt Ion: 95 Resp: 271328
Ion Ratio Lower Upper
95 100
174 84.6 0.0 168.0
176 82.0 0.0 160.2

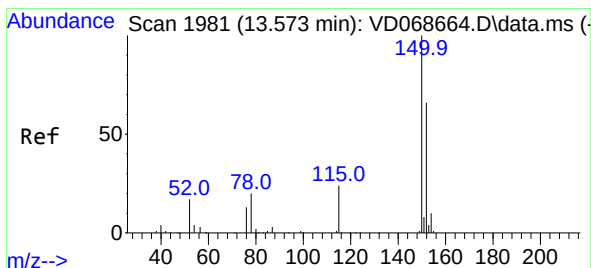
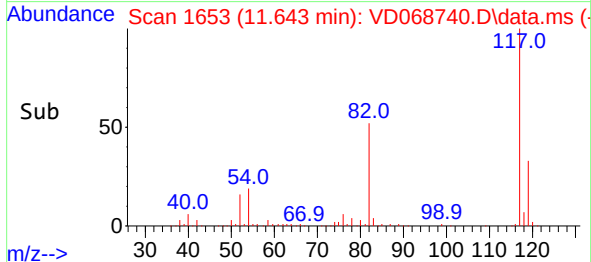
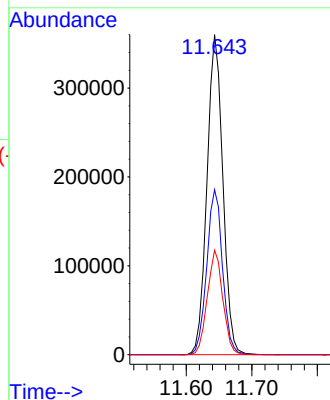
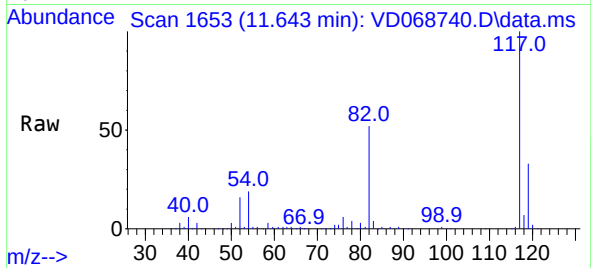




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068740.D
Acq: 31 Mar 2021 16:10

Instrument :
MSVOA_D
ClientSampleId :
FS-SB11(14-15)

Tgt Ion:117 Resp: 606475
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 32.7 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: VD068740.D
Acq: 31 Mar 2021 16:10

Tgt Ion:152 Resp: 289770
Ion Ratio Lower Upper
152 100
115 58.2 29.3 87.8
150 157.6 0.0 347.6

