

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068758.D
 Acq On : 01 Apr 2021 15:04
 Operator : VA/SY
 Sample : M1874-06
 Misc : 5.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB16(45-46)

Quant Time: Apr 02 01:04:21 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	10268	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	15785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	16678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	7738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	7284	70.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.70%	
35) Dibromofluoromethane	7.908	113	4691	47.76	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.52%	
50) Toluene-d8	10.344	98	19415	51.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.54%	
62) 4-Bromofluorobenzene	12.632	95	6834	55.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.34%	

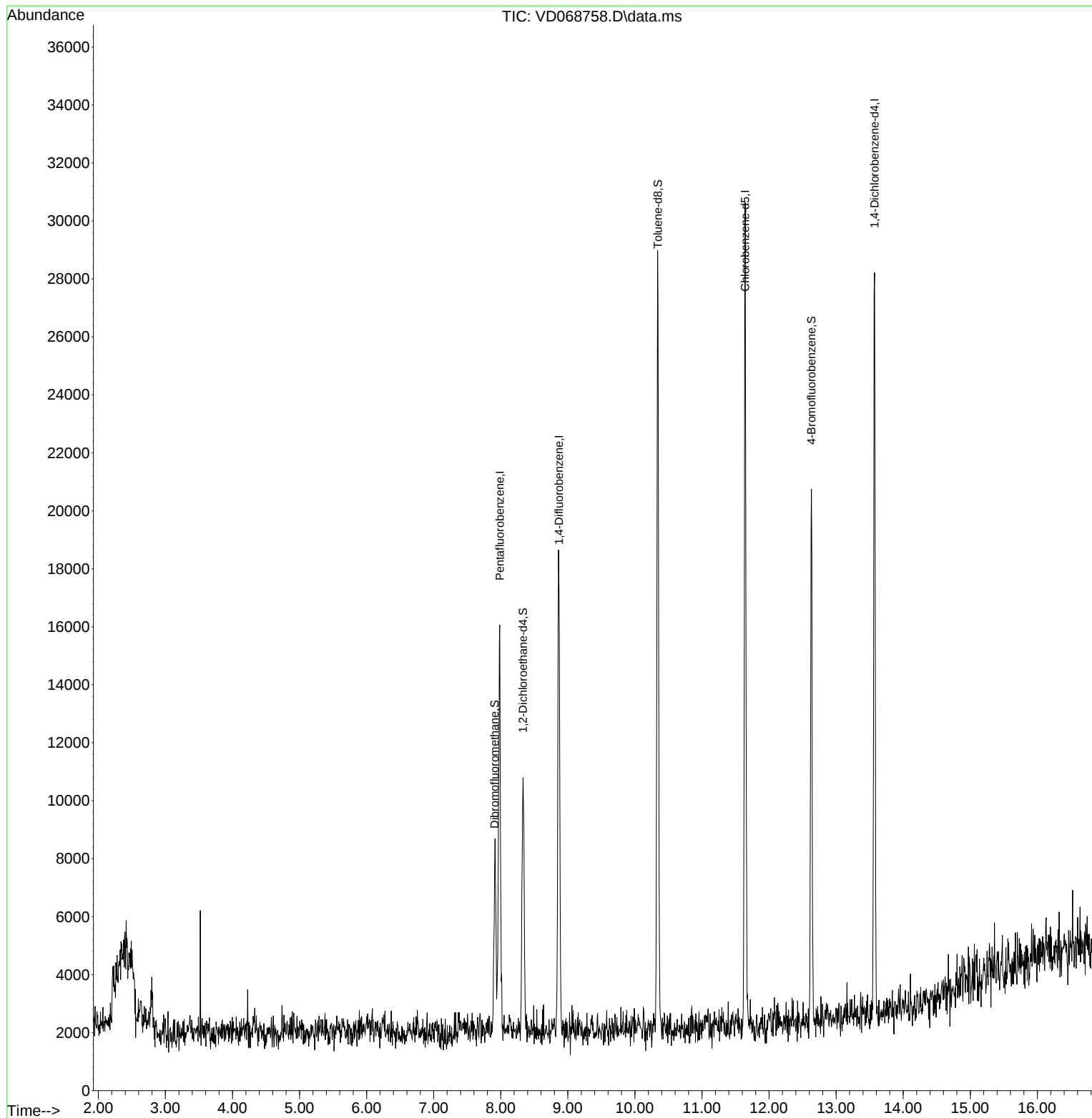
Target Compounds	Qvalue

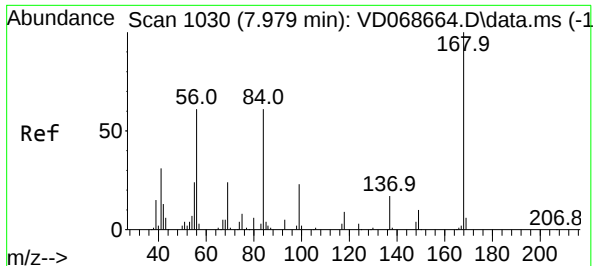
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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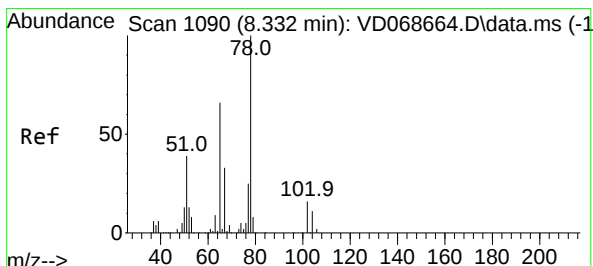
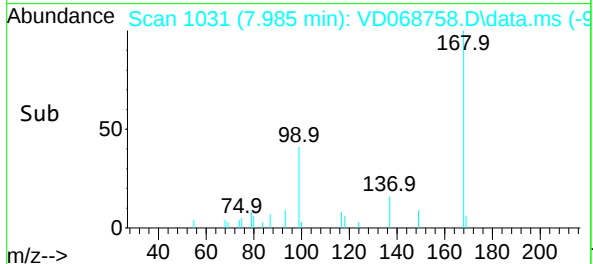
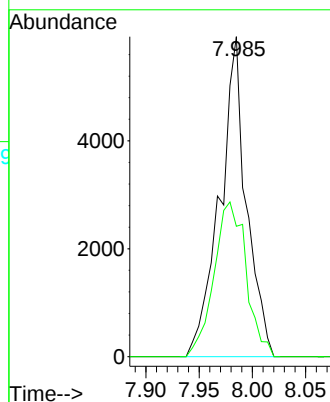
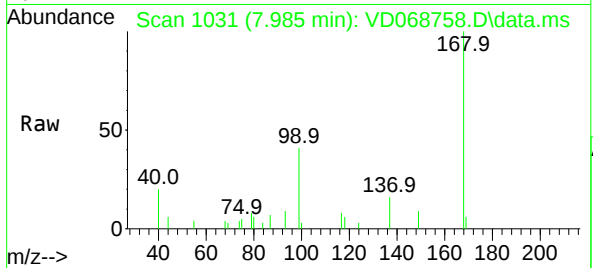




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

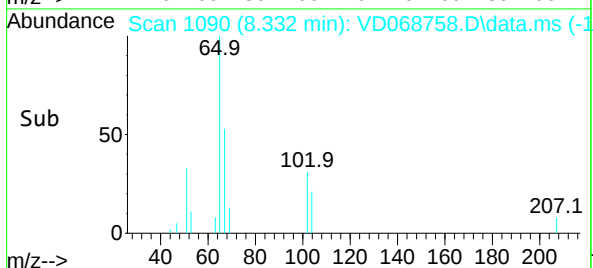
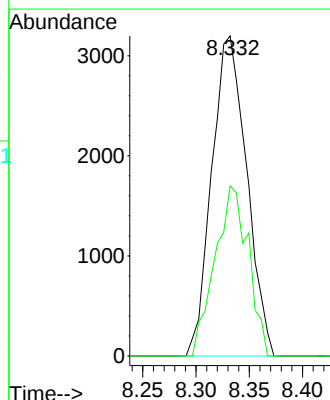
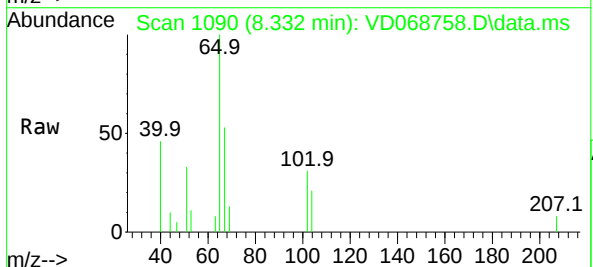
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(45-46)

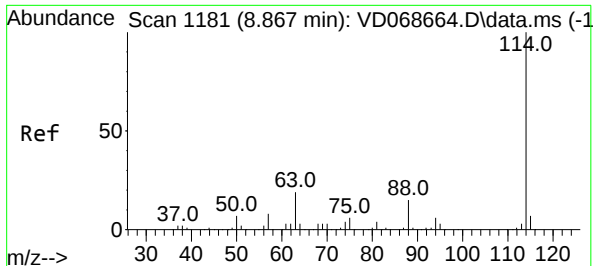
Tgt Ion:168 Resp: 10268
Ion Ratio Lower Upper
168 100
99 40.8 46.2 69.2#



#33
1,2-Dichloroethane-d4
Concen: 70.35 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Tgt Ion: 65 Resp: 7284
Ion Ratio Lower Upper
65 100
67 50.7 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: VD068758.D

Acq: 01 Apr 2021 15:04

Tgt Ion:114 Resp: 15785

Ion Ratio Lower Upper

114 100

63 16.3 0.0 38.2

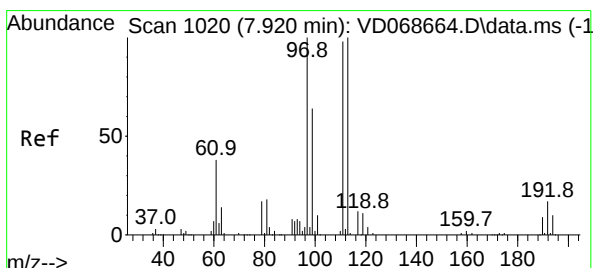
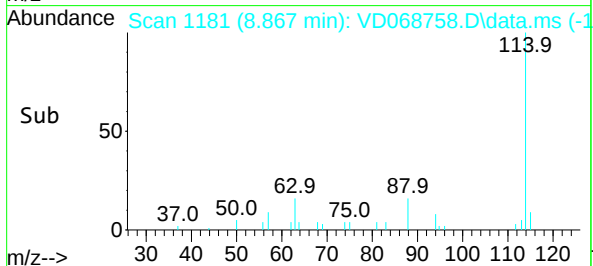
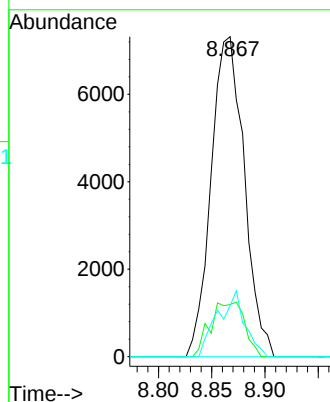
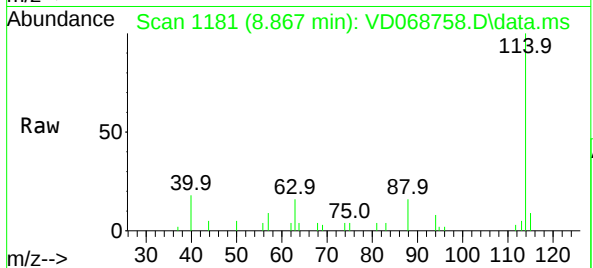
88 15.9 0.0 29.4

Instrument :

MSVOA_D

ClientSampleId :

FS-SB16(45-46)



#35

Dibromofluoromethane

Concen: 47.76 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD068758.D

Acq: 01 Apr 2021 15:04

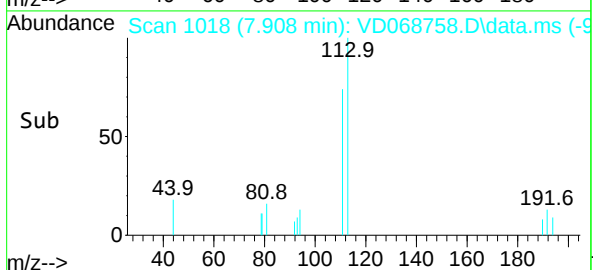
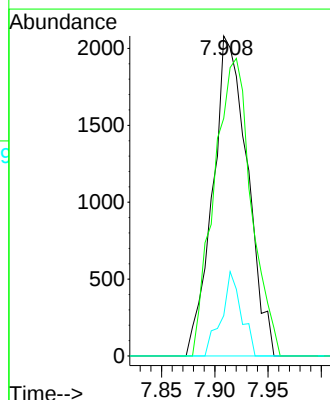
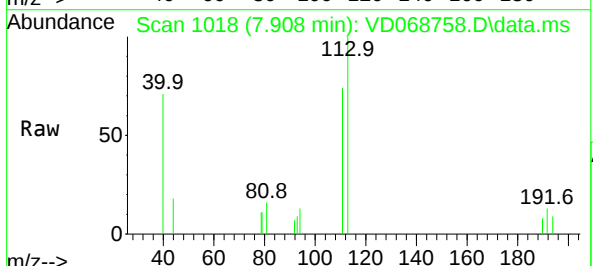
Tgt Ion:113 Resp: 4691

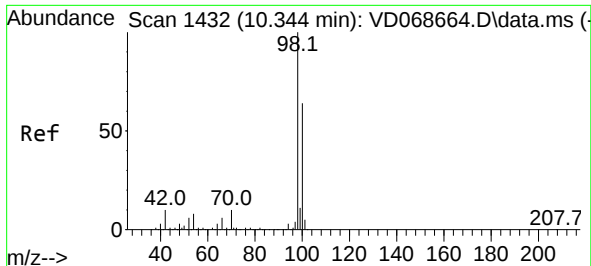
Ion Ratio Lower Upper

113 100

111 100.1 82.5 123.7

192 15.1 15.1 22.7#

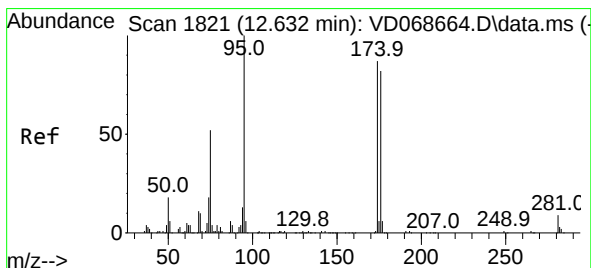
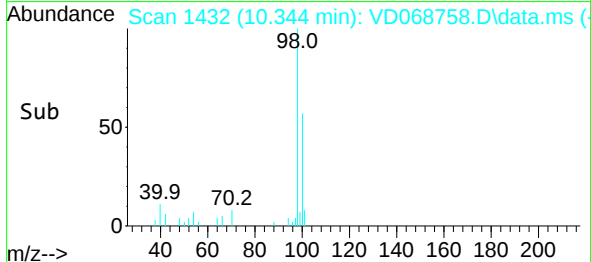
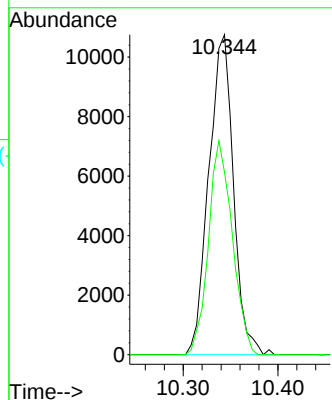
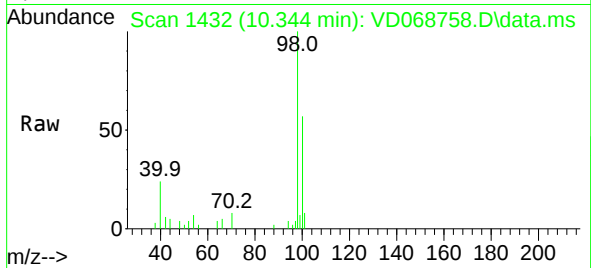




#50
Toluene-d8
Concen: 51.27 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

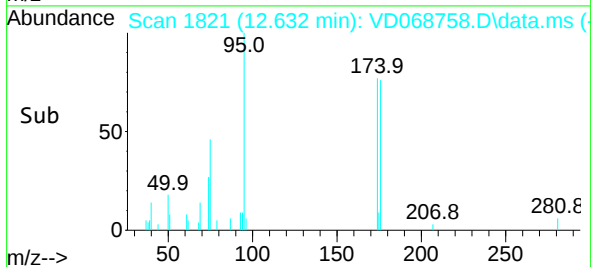
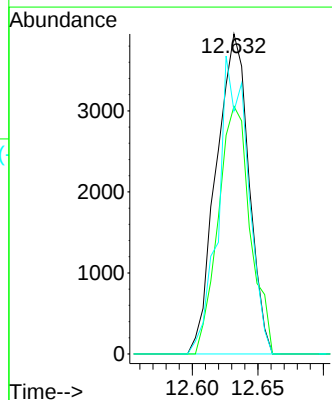
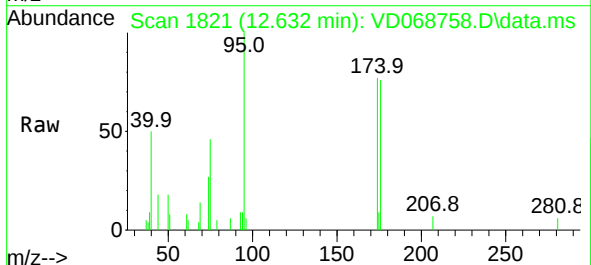
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(45-46)

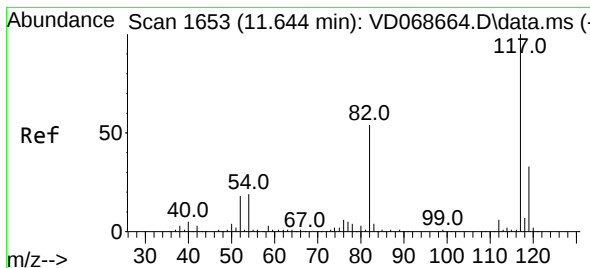
Tgt Ion: 98 Resp: 19415
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Tgt Ion: 95 Resp: 6834
Ion Ratio Lower Upper
95 100
174 76.2 0.0 168.0
176 84.5 0.0 160.2

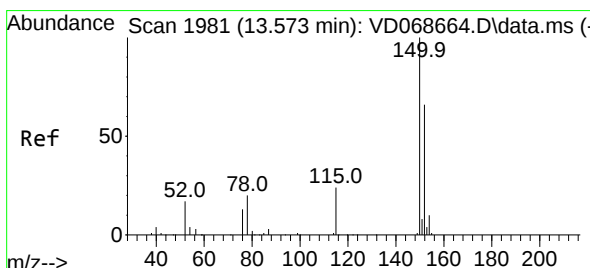
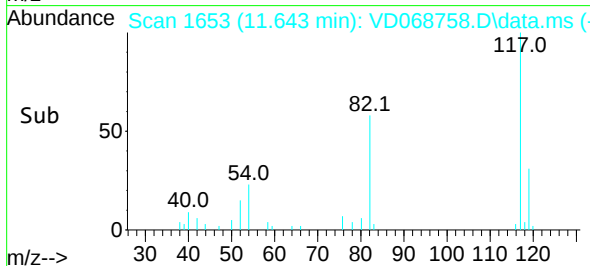
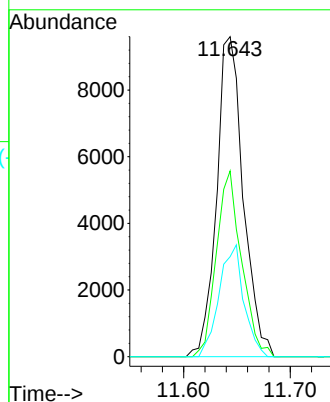
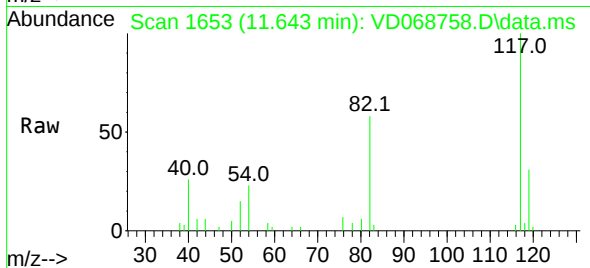




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068758.D
Acq: 01 Apr 2021 15:04

Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(45-46)

Tgt Ion:	117	Resp:	16678
Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.5	65.3
119	31.3	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: VD068758.D
Acq: 01 Apr 2021 15:04

Tgt Ion:	152	Resp:	7738
Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	87.8
150	152.3	0.0	347.6

