

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068812.D
 Acq On : 09 Apr 2021 15:22
 Operator : VA/SY
 Sample : M1967-01
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SED-1A

Quant Time: Apr 10 00:42:43 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	7.985	168	341486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	625058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	697714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	352383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	202038	55.98	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.96%
35) Dibromofluoromethane	7.920	113	204241	50.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.48%
50) Toluene-d8	10.343	98	798815	52.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.16%
62) 4-Bromofluorobenzene	12.632	95	334407	65.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.30%

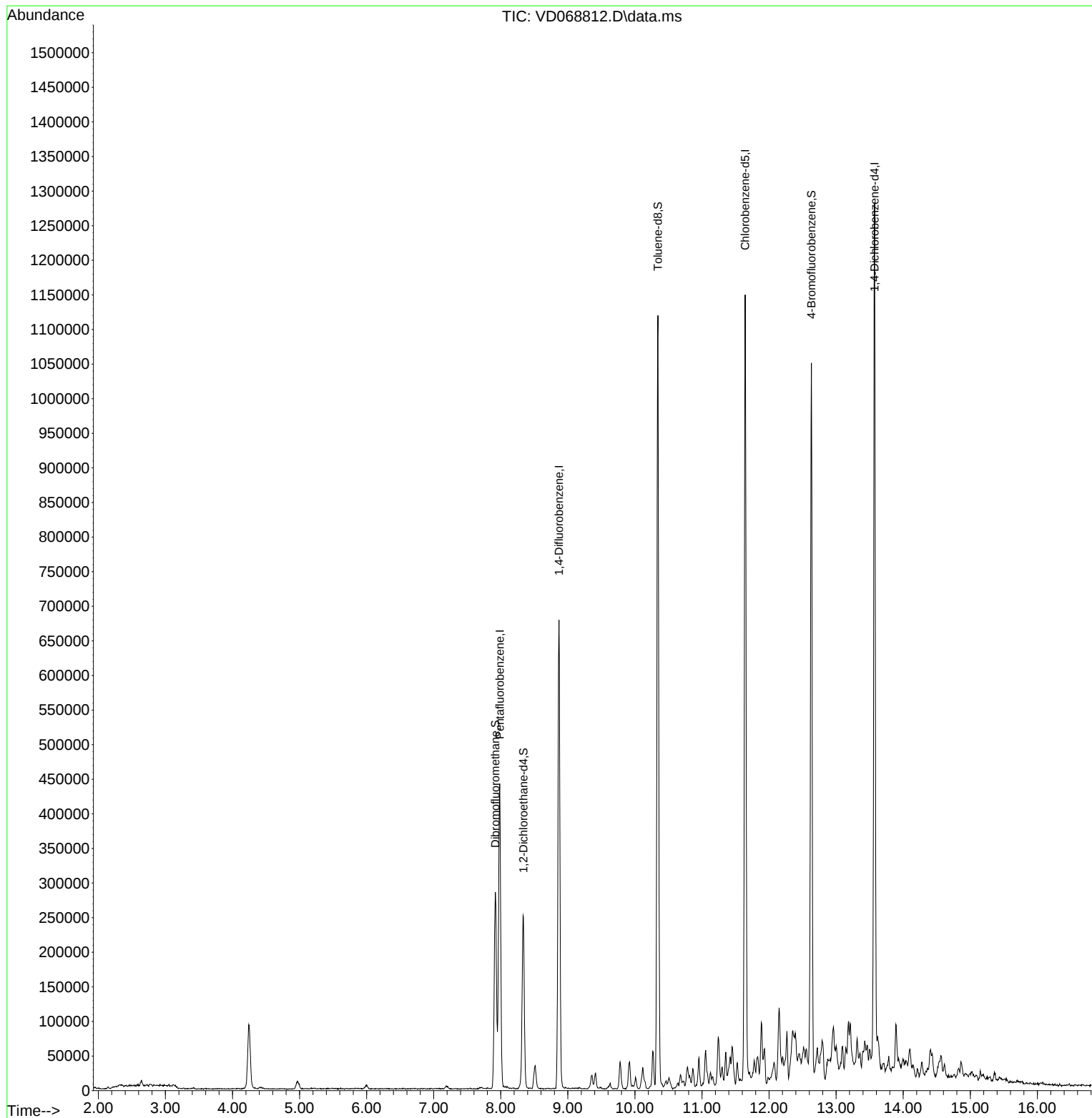
Target Compounds	Qvalue

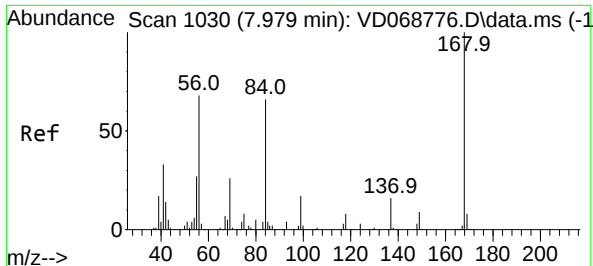
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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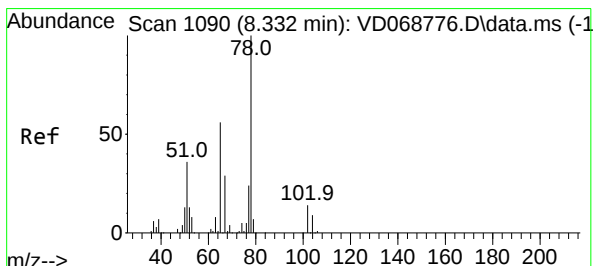
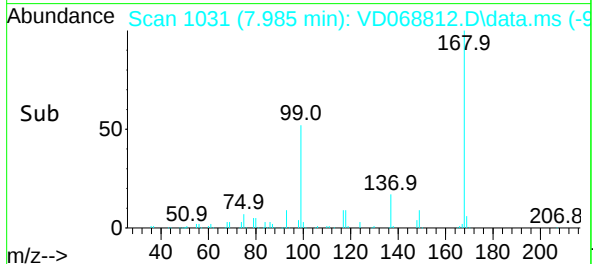
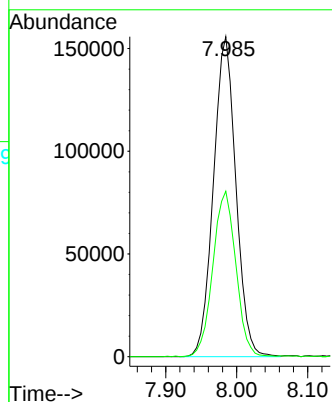
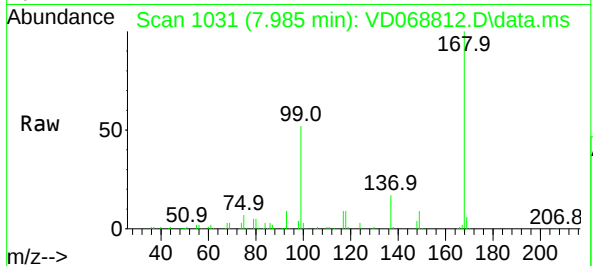




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

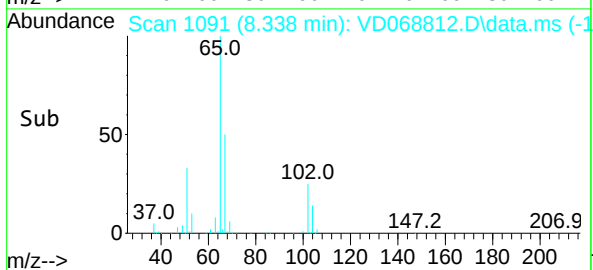
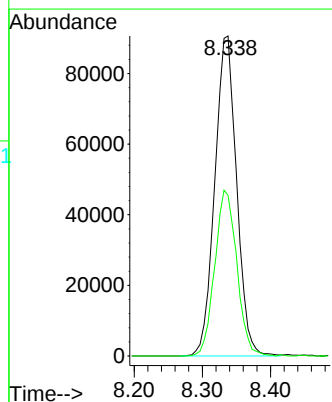
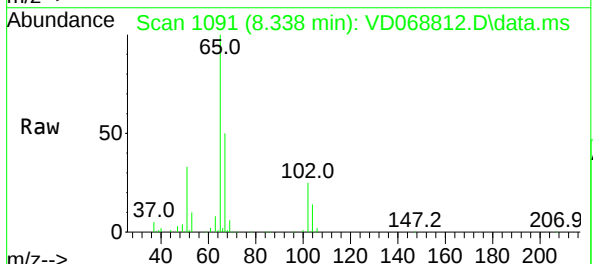
Instrument :
MSVOA_D
ClientSampleId :
SED-1A

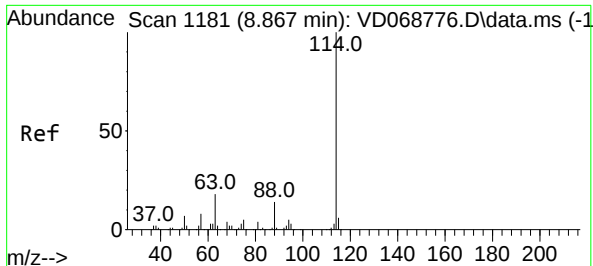
Tgt Ion:168 Resp: 341486
Ion Ratio Lower Upper
168 100
99 51.7 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 55.98 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 65 Resp: 202038
Ion Ratio Lower Upper
65 100
67 52.4 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: VD068812.D

Acq: 09 Apr 2021 15:22

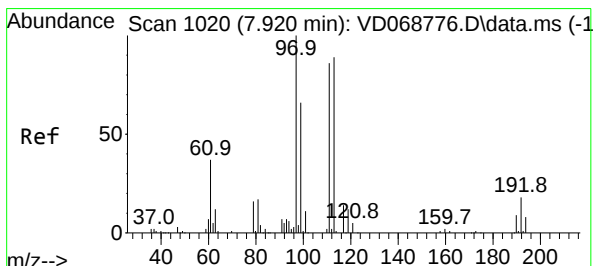
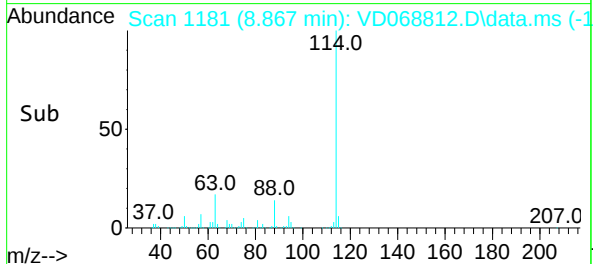
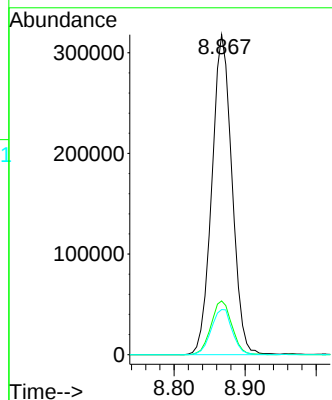
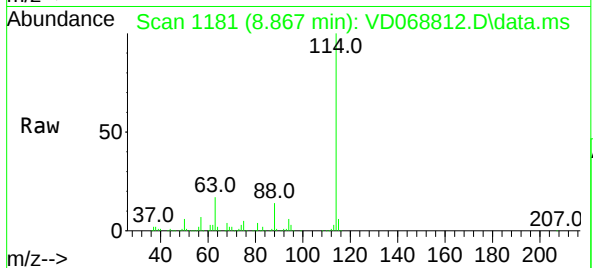
Tgt Ion:114 Resp: 625058

Ion Ratio Lower Upper

114 100

63 16.8 0.0 38.2

88 14.1 0.0 29.4



#35

Dibromofluoromethane

Concen: 50.24 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068812.D

Acq: 09 Apr 2021 15:22

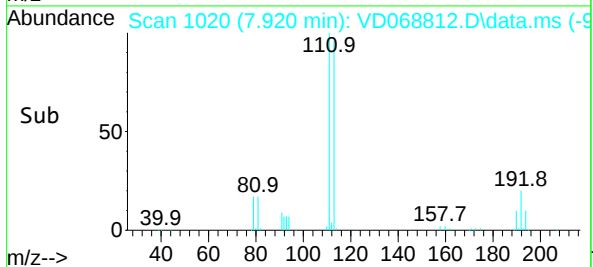
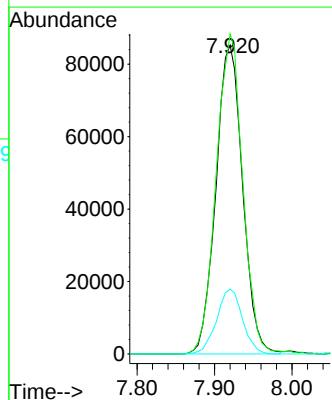
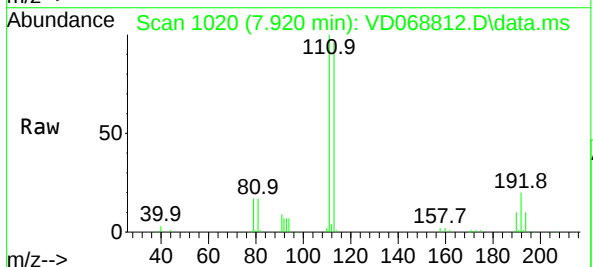
Tgt Ion:113 Resp: 204241

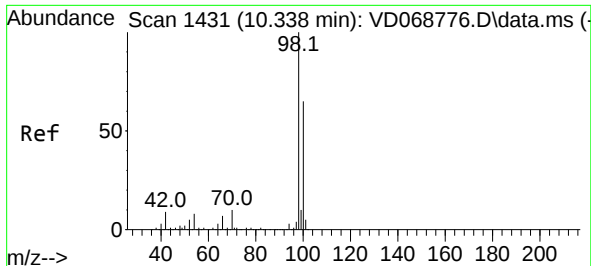
Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

192 20.4 15.1 22.7

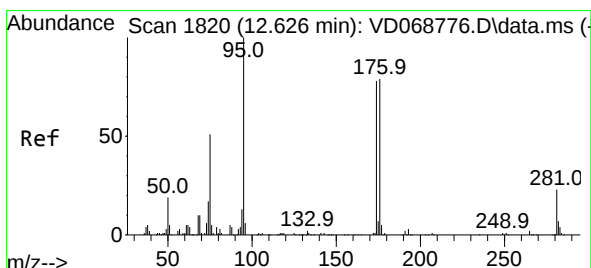
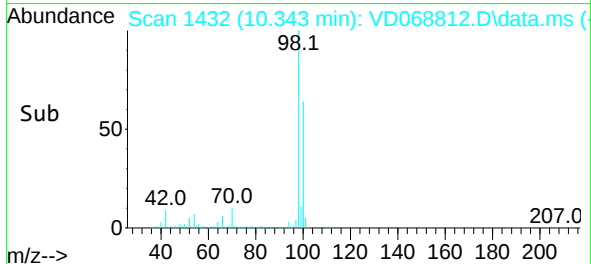
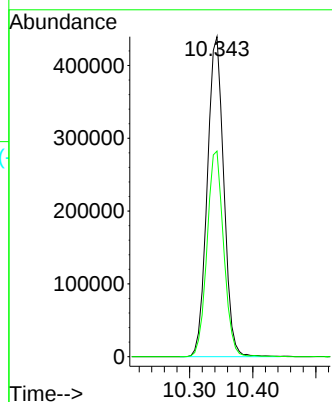
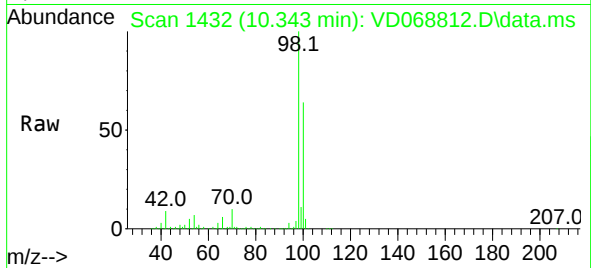




#50
Toluene-d8
Concen: 52.08 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

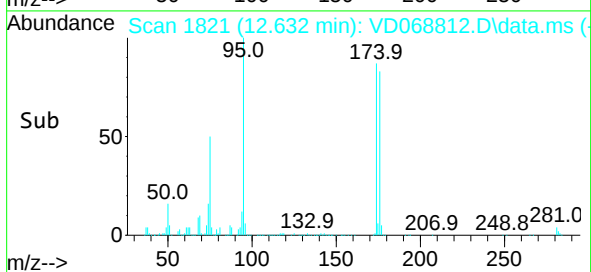
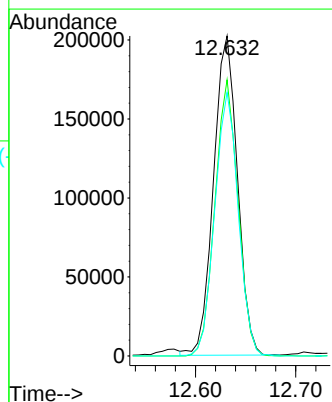
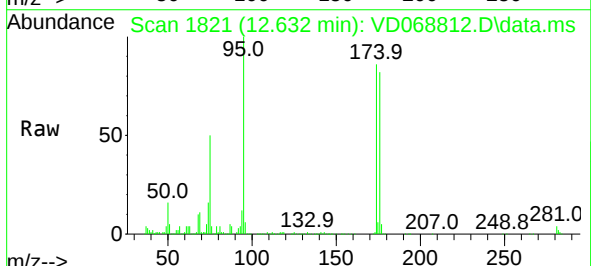
Instrument :
MSVOA_D
ClientSampleId :
SED-1A

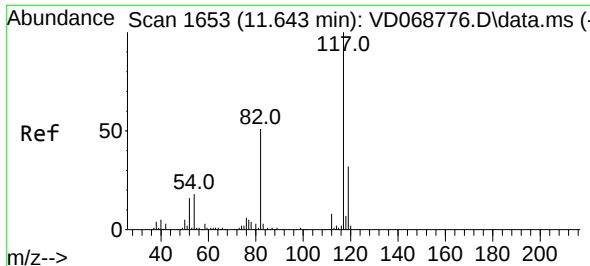
Tgt Ion: 98 Resp: 798815
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 95 Resp: 334407
Ion Ratio Lower Upper
95 100
174 83.5 0.0 168.0
176 81.0 0.0 160.2

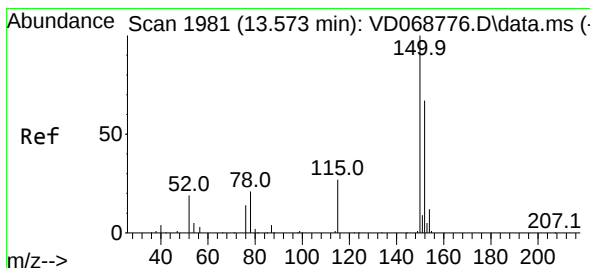
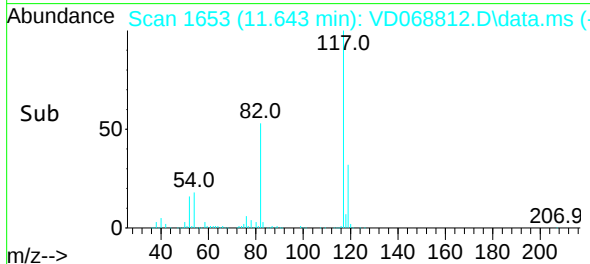
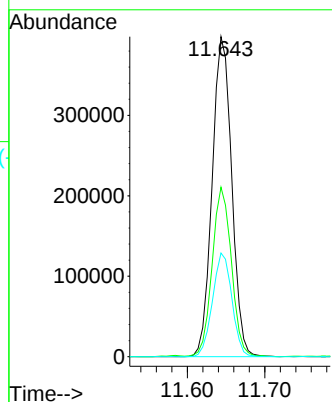
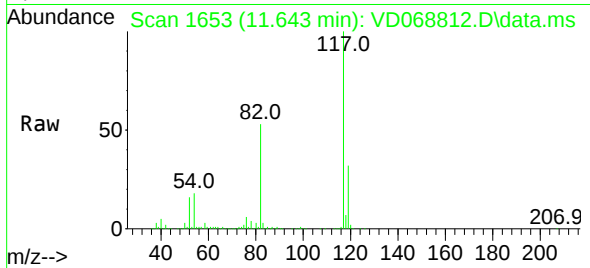




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

Instrument :
MSVOA_D
ClientSampleId :
SED-1A

Tgt Ion:	117	Resp:	697714
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.5	65.3
119	32.4	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: VD068812.D
Acq: 09 Apr 2021 15:22

Tgt Ion:	152	Resp:	352383
Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.3	87.8
150	157.8	0.0	347.6

