

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122820\
 Data File : VD067956.D
 Acq On : 28 Dec 2020 12:40
 Operator : VA/SY
 Sample : L5221-01
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124021

Quant Time: Dec 29 00:11:13 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	225282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	429352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	388850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	164387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	167561	68.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.76%
35) Dibromofluoromethane	7.920	113	150202	55.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.04%
50) Toluene-d8	10.344	98	530731	52.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.38%
62) 4-Bromofluorobenzene	12.632	95	164442	47.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.56%

Target Compounds

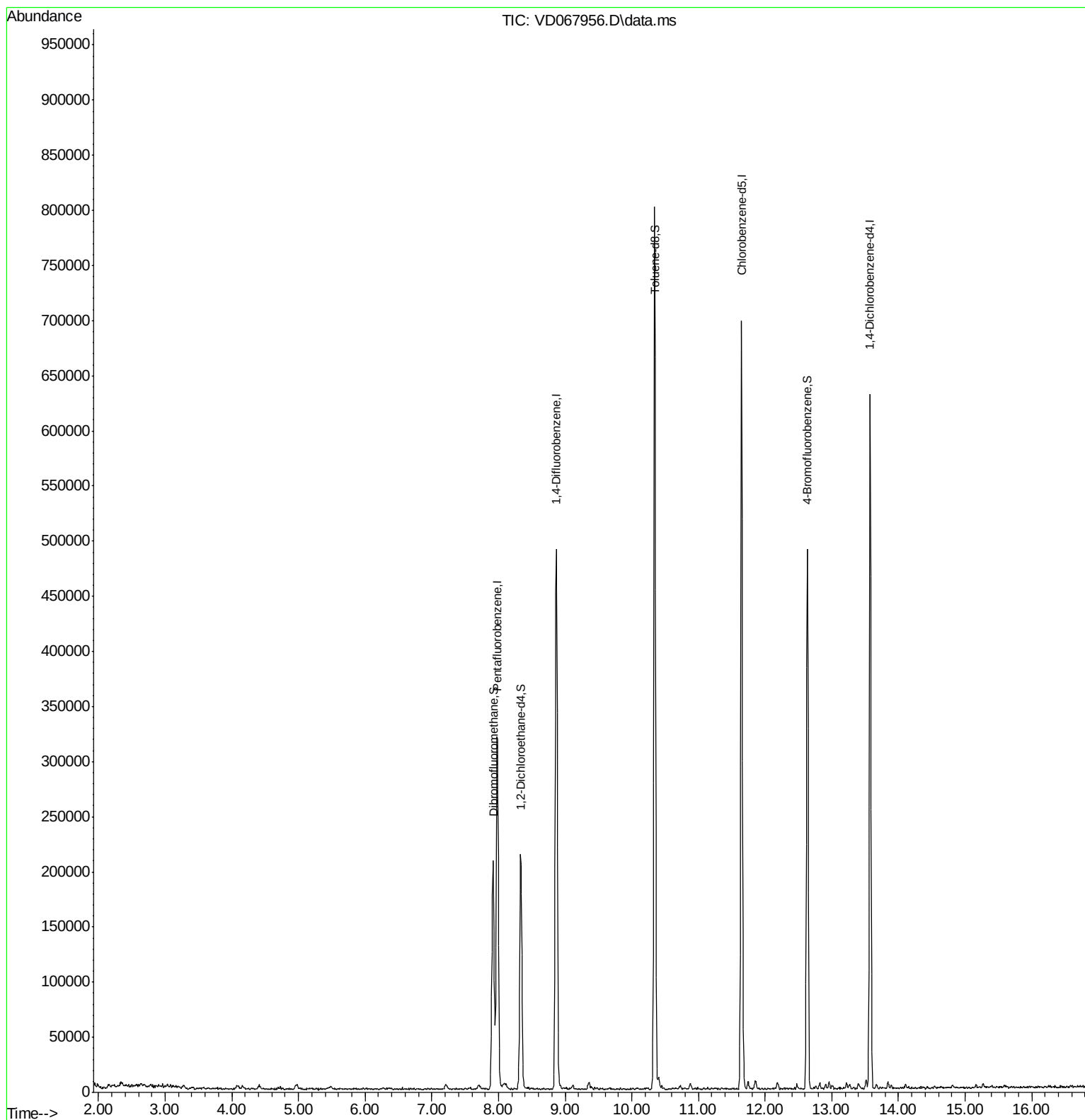
Qvalue

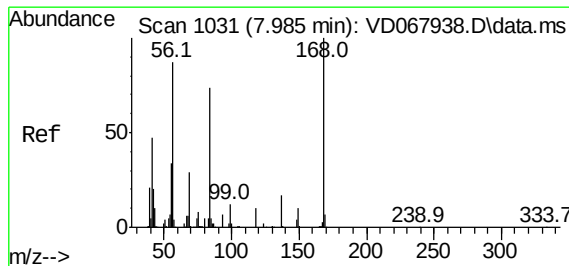
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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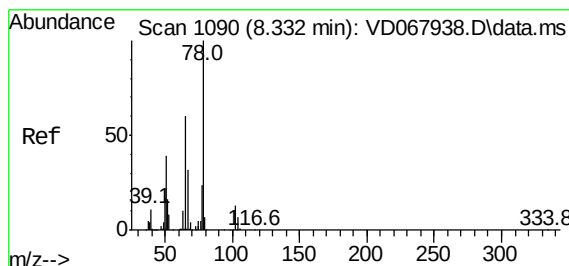
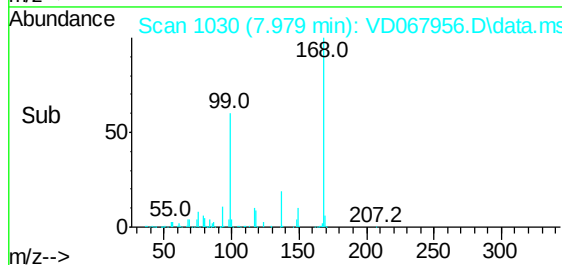
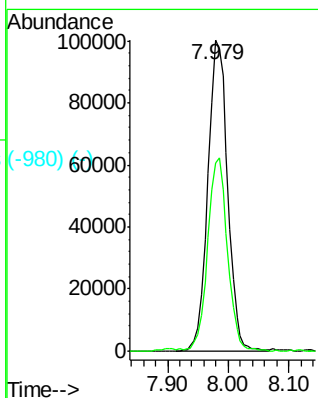
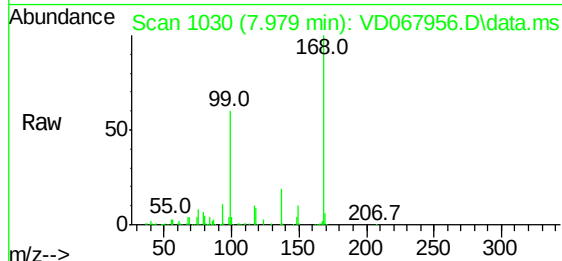




(-119) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

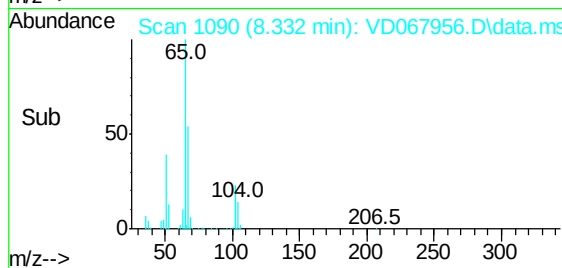
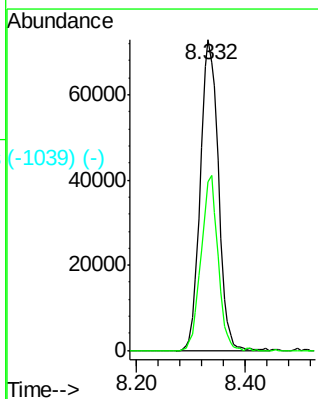
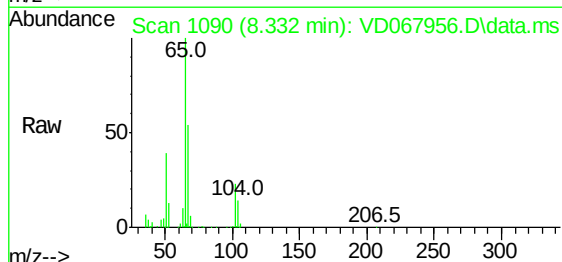
Instrument :
MSVOA_D
ClientSampleId :
124021

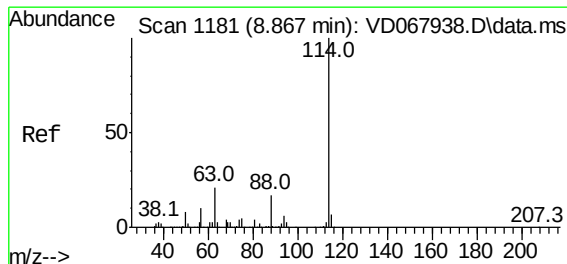
Tgt Ion:168 Resp: 225282
Ion Ratio Lower Upper
168 100
99 60.3 48.0 72.0



(-109) (-)
1,2-Dichloroethane-d4
Concen: 68.88 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

Tgt Ion: 65 Resp: 167561
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.0

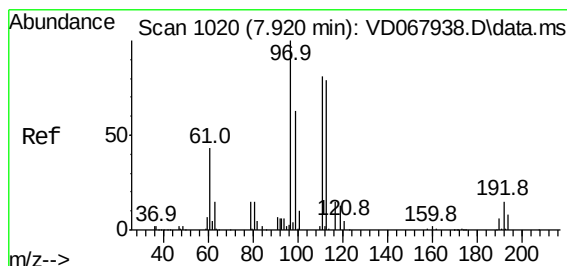
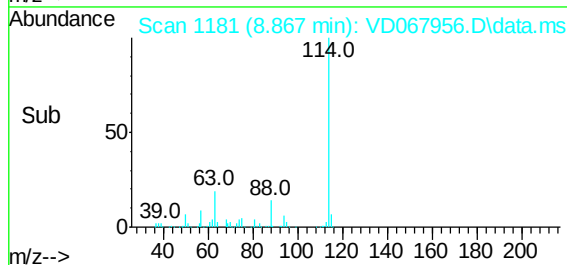
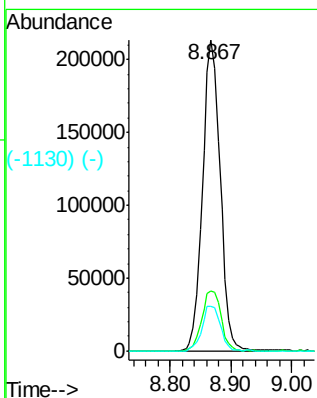
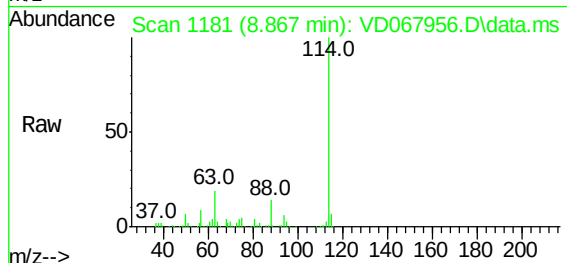




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

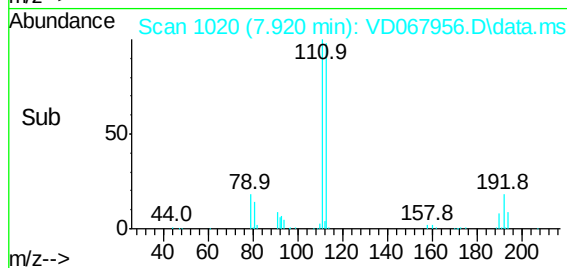
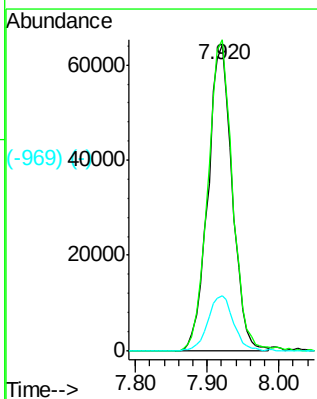
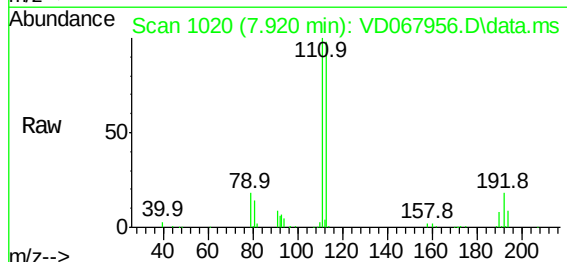
Instrument :
MSVOA_D
ClientSampleId :
124021

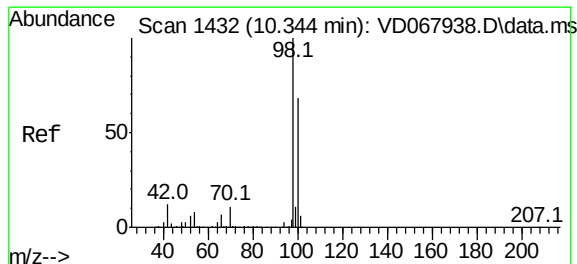
Tgt Ion:	114	Resp:	429352
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	41.4
88	14.1	0.0	33.2



Dibromofluoromethane
Concen: 55.52 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

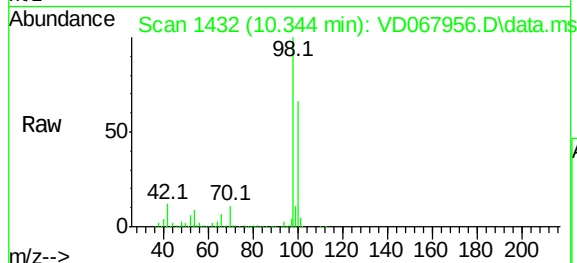
Tgt Ion:	113	Resp:	150202
Ion Ratio	Lower	Upper	
113	100		
111	102.9	79.3	118.9
192	18.6	14.5	21.7



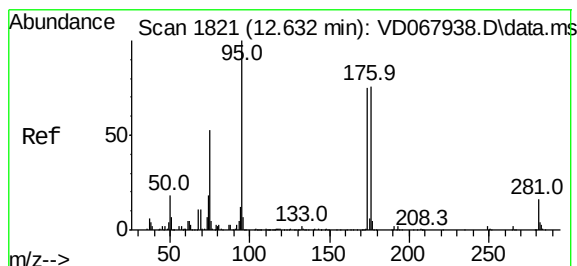
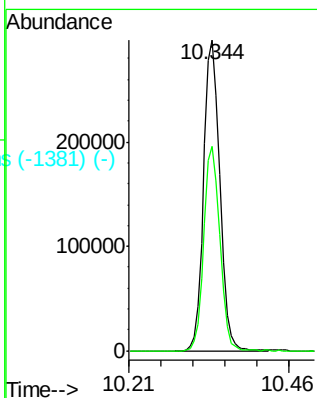
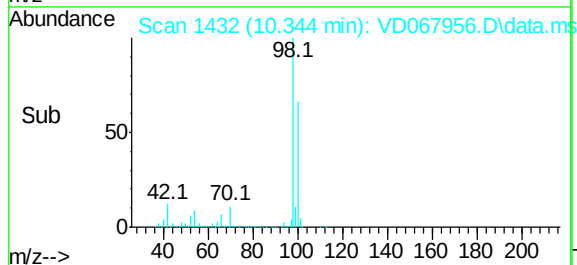


#5022 (-)
Toluene-d8
Concen: 52.19 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

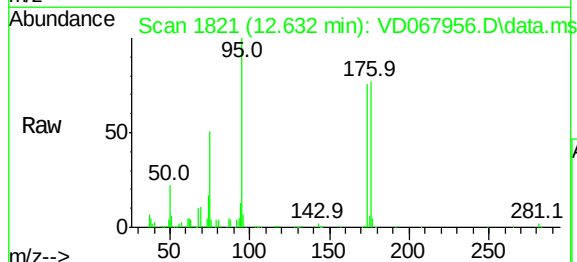
Instrument :
MSVOA_D
ClientSampleId :
124021



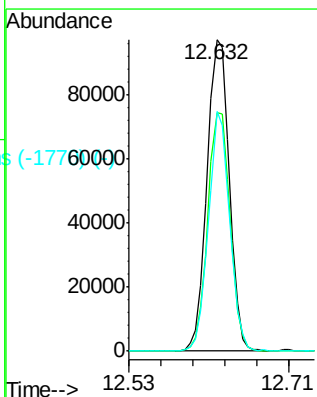
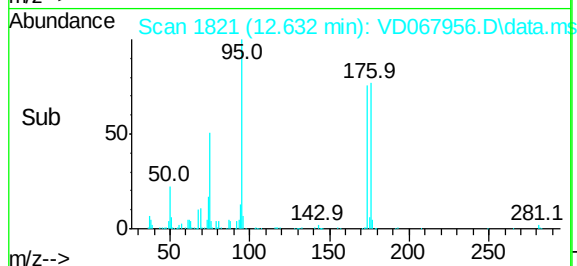
Tgt Ion: 98 Resp: 530731
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

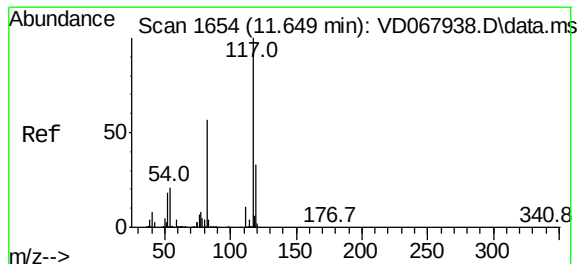


#6813 (-)
4-Bromofluorobenzene
Concen: 47.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40



Tgt Ion: 95 Resp: 164442
Ion Ratio Lower Upper
95 100
174 76.9 0.0 150.6
176 73.0 0.0 151.2

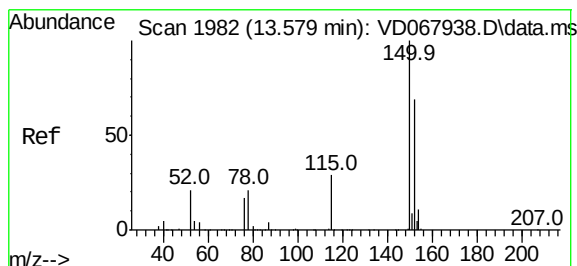
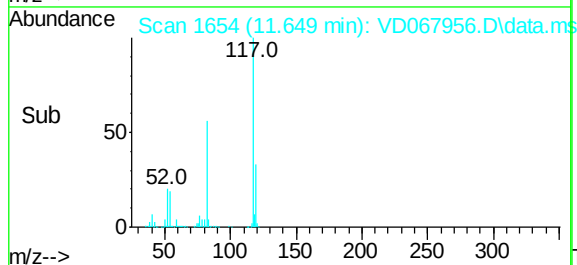
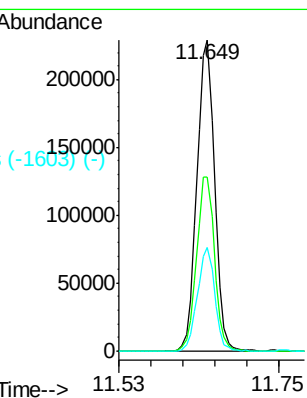
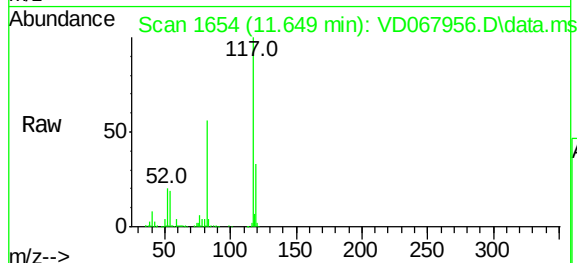




#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

Instrument :
MSVOA_D
ClientSampleId :
124021

Tgt Ion:	117	Resp:	388850
Ion Ratio	Lower	Upper	
117	100		
82	56.0	45.4	68.0
119	33.3	26.7	40.1



#7073 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

Tgt Ion:	152	Resp:	164387
Ion Ratio	Lower	Upper	
152	100		
115	60.0	29.3	88.0
150	158.2	0.0	340.0

