

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010521\
 Data File : VD068004.D
 Acq On : 05 Jan 2021 13:01
 Operator : VA/SY
 Sample : M1005-02
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jan 06 00:16:14 2021
 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	7.985	168	275560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	556115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	508595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	188906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	176812	59.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.84%
35) Dibromofluoromethane	7.920	113	185175	52.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.70%
50) Toluene-d8	10.344	98	715155	54.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.60%
62) 4-Bromofluorobenzene	12.632	95	200272	44.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.90%

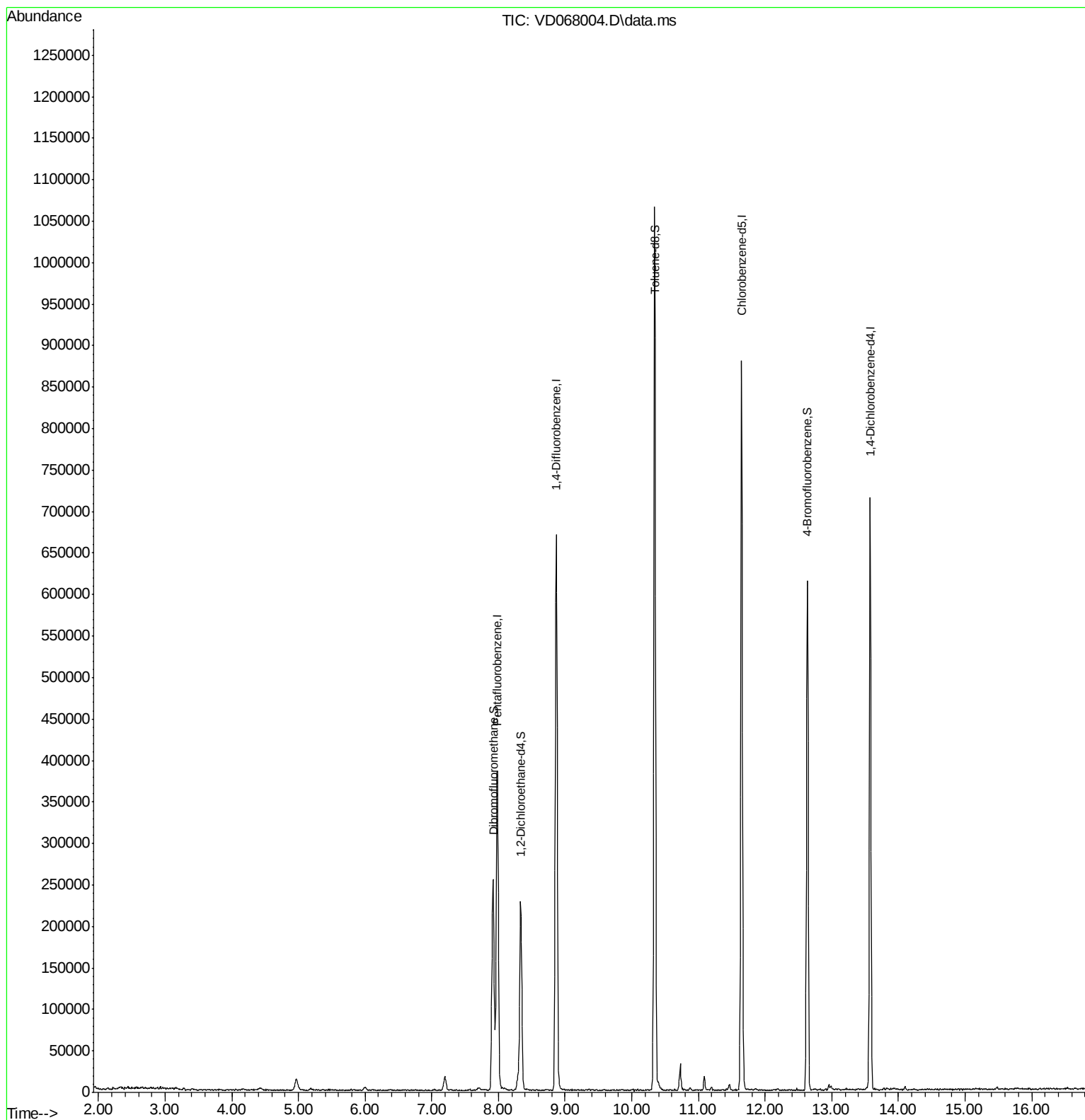
Target Compounds	Qvalue

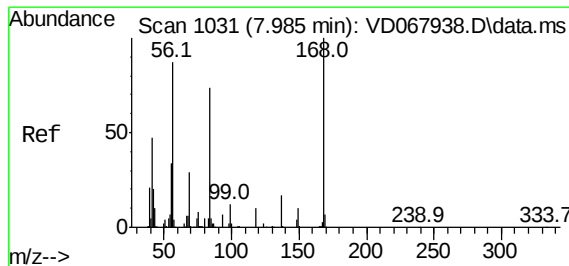
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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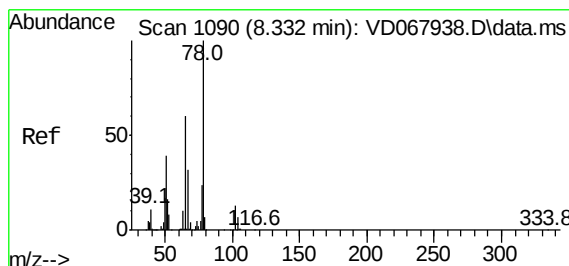
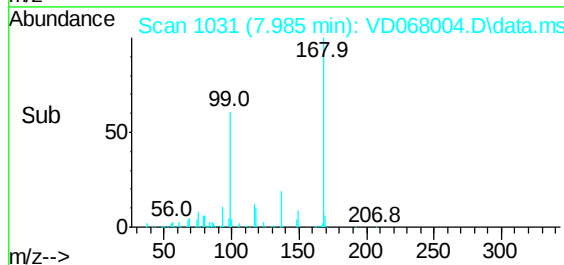
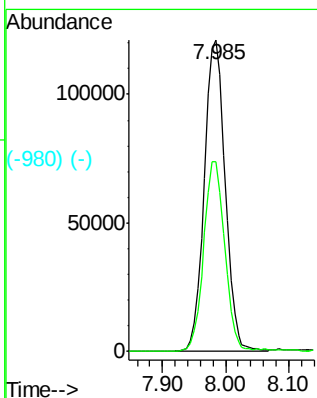
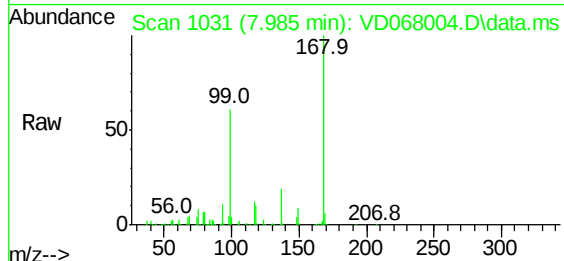




(-119) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

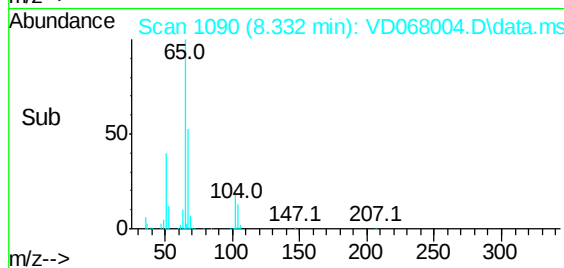
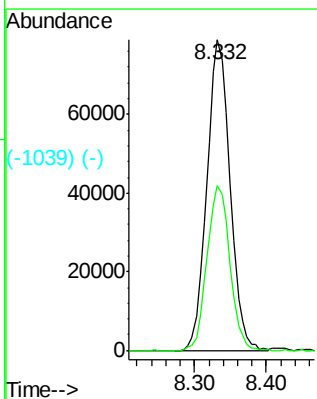
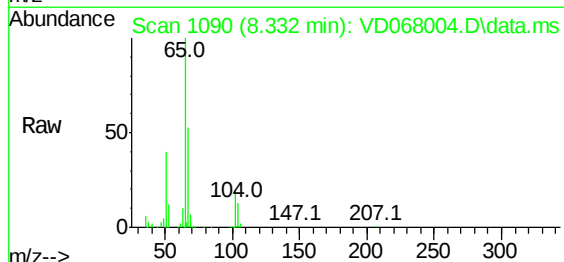
Instrument :
MSVOA_D
ClientSampled :
VOC

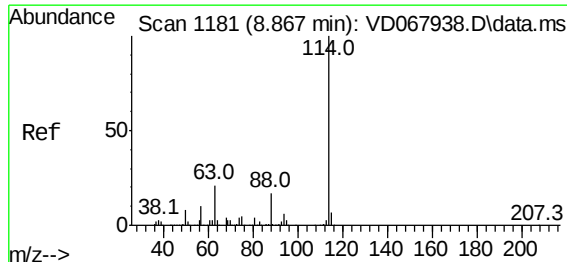
Tgt Ion:168 Resp: 275560
Ion Ratio Lower Upper
168 100
99 60.8 48.0 72.0



(-100) (-)
1,2-Dichloroethane-d4
Concen: 59.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Tgt Ion: 65 Resp: 176812
Ion Ratio Lower Upper
65 100
67 52.3 0.0 110.0

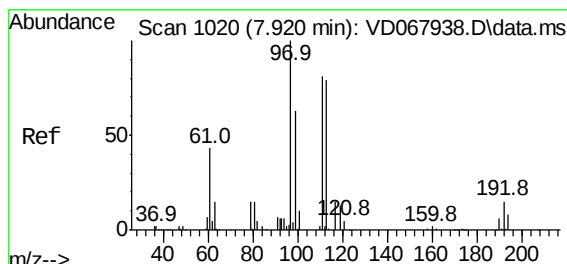
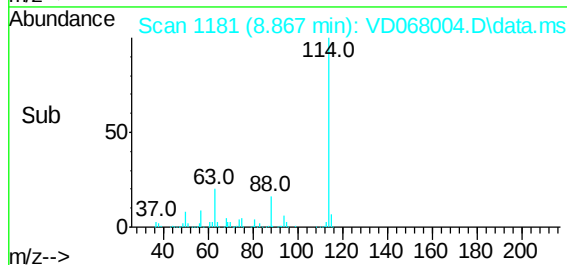
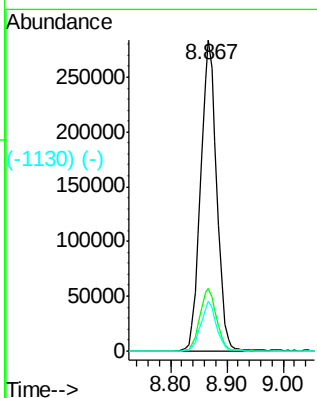
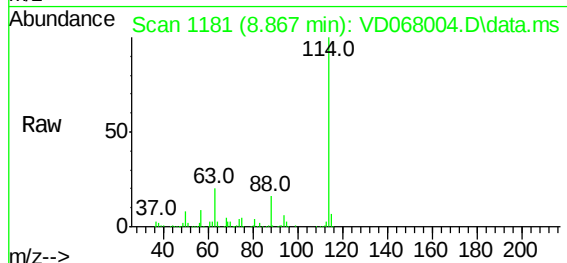




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

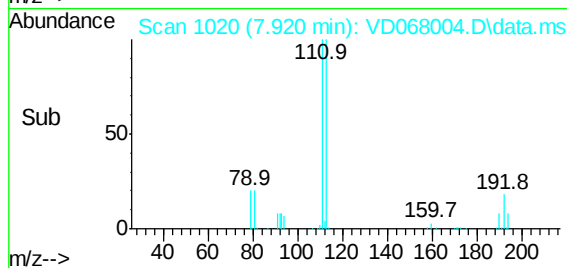
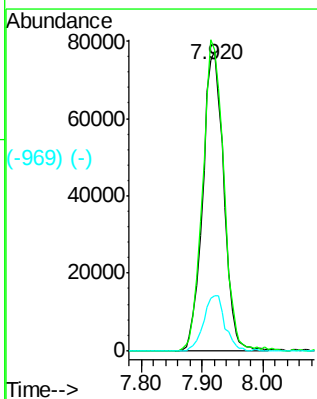
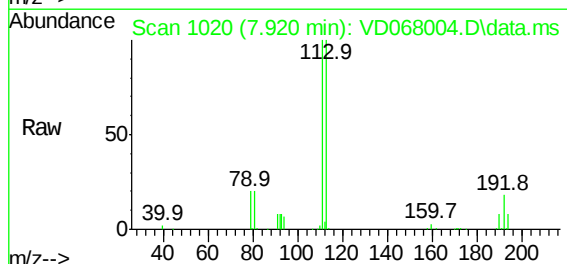
Instrument :
MSVOA_D
ClientSampleId :
VOC

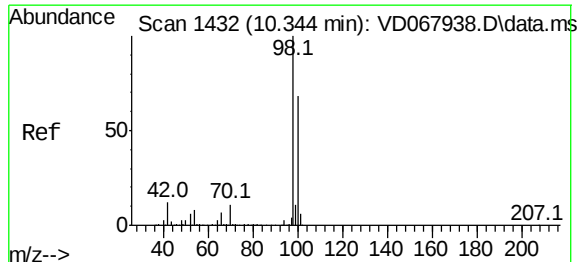
Tgt Ion:	114	Resp:	556115
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	41.4
88	15.9	0.0	33.2



Dibromofluoromethane
Concen: 52.85 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Tgt Ion:	113	Resp:	185175
Ion Ratio	Lower	Upper	
113	100		
111	104.3	79.3	118.9
192	18.2	14.5	21.7

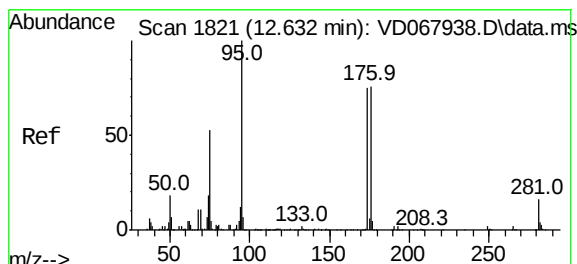
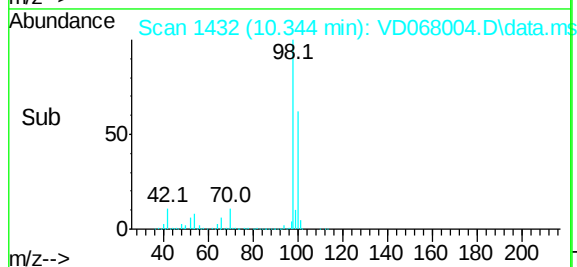
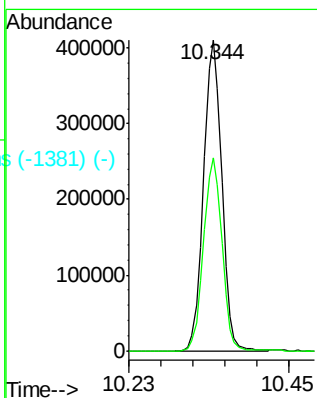
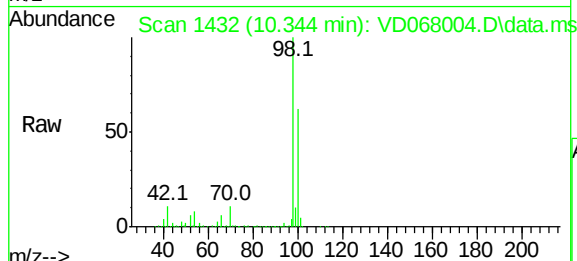




#5022 (-)
Toluene-d8
Concen: 54.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

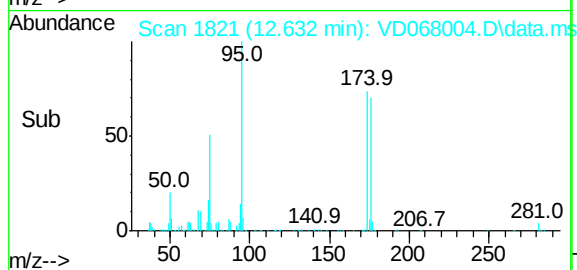
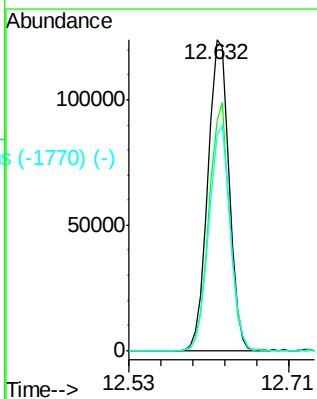
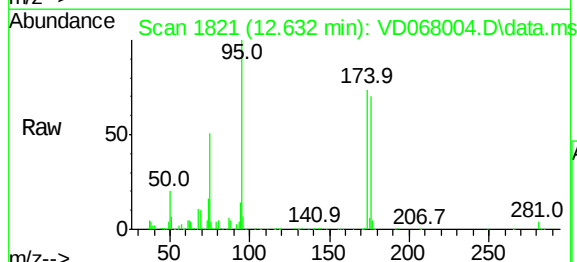
Instrument :
MSVOA_D
ClientSampleId :
VOC

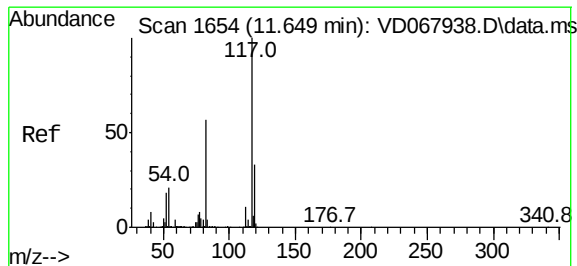
Tgt Ion: 98 Resp: 715155
Ion Ratio Lower Upper
98 100
100 63.3 52.5 78.7



#6813 (-)
4-Bromofluorobenzene
Concen: 44.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Tgt Ion: 95 Resp: 200272
Ion Ratio Lower Upper
95 100
174 77.3 0.0 150.6
176 73.5 0.0 151.2

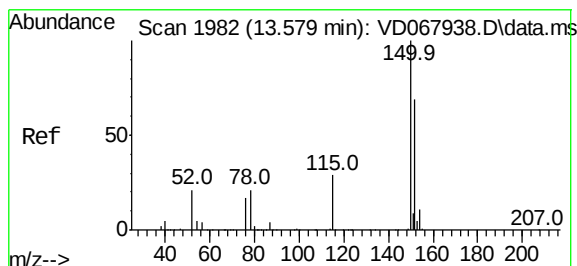
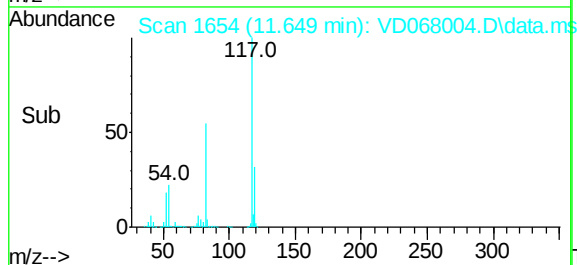
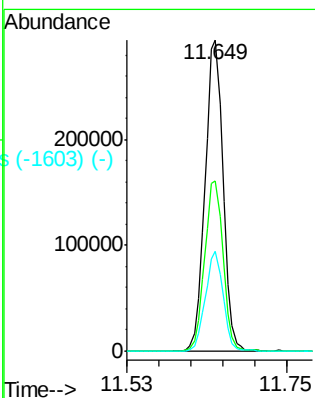
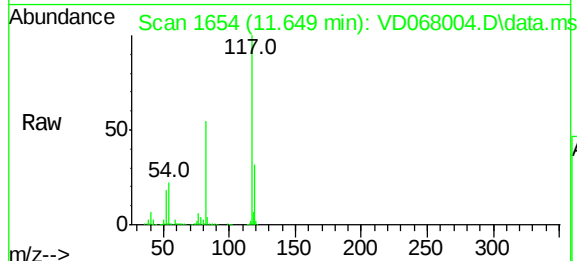




#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Instrument :
MSVOA_D
ClientSampled :
VOC

Tgt Ion:	117	Resp:	508595
Ion Ratio	Lower	Upper	
117	100		
82	54.6	45.4	68.0
119	31.9	26.7	40.1



#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Tgt Ion:	152	Resp:	188906
Ion Ratio	Lower	Upper	
152	100		
115	58.5	29.3	88.0
150	157.1	0.0	340.0

