

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067993.D
 Acq On : 04 Jan 2021 16:26
 Operator : VA/SY
 Sample : M1007-01
 Misc : 3.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-22-1-WC

Quant Time: Jan 05 00:09:33 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	272670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	562364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	499527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	181256	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	192364	65.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.66%
35) Dibromofluoromethane	7.920	113	195156	55.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.16%
50) Toluene-d8	10.344	98	713166	53.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.10%
62) 4-Bromofluorobenzene	12.632	95	194849	42.77	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.54%

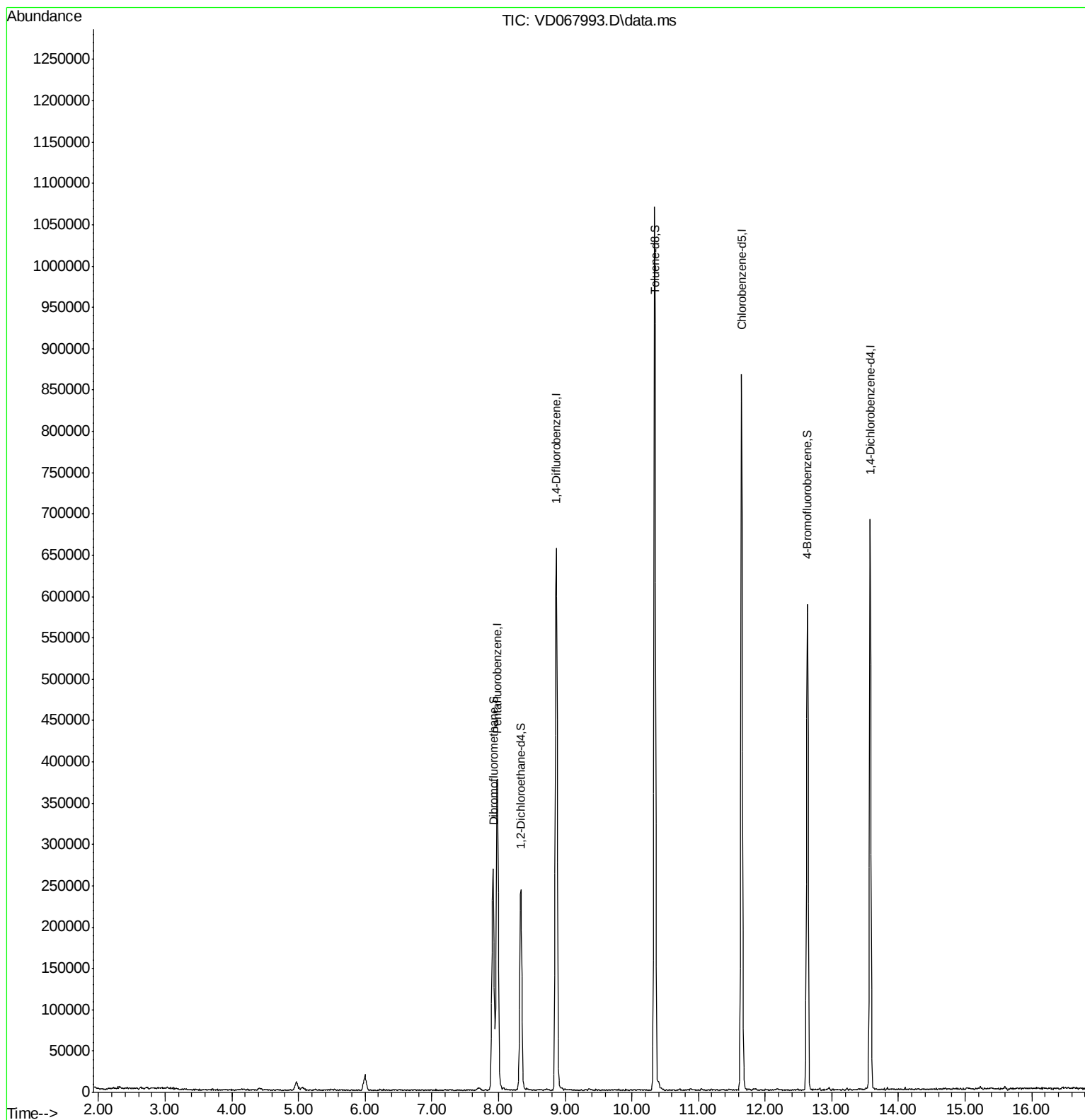
Target Compounds Qvalue

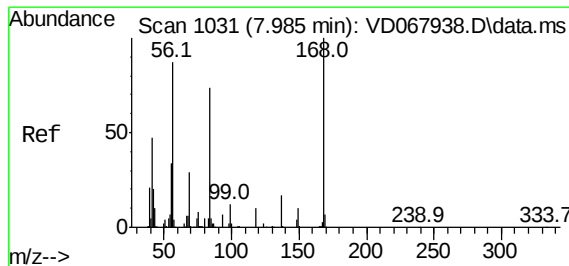
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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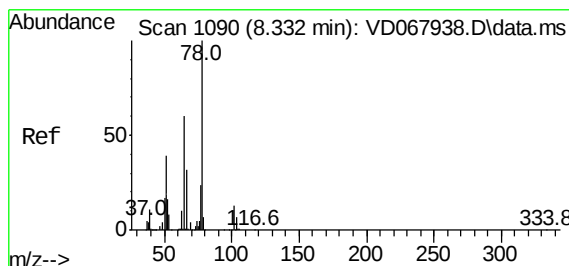
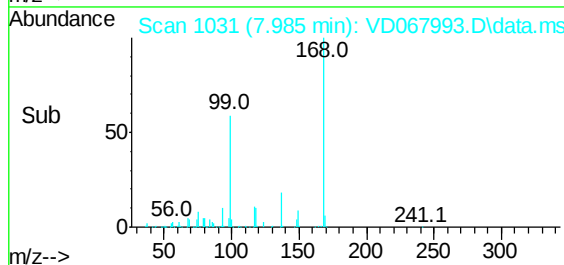
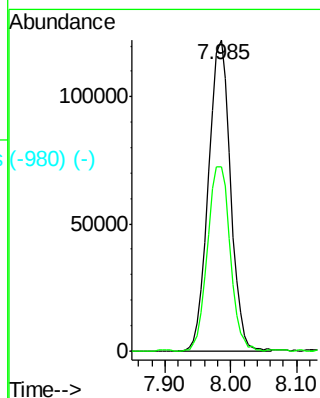
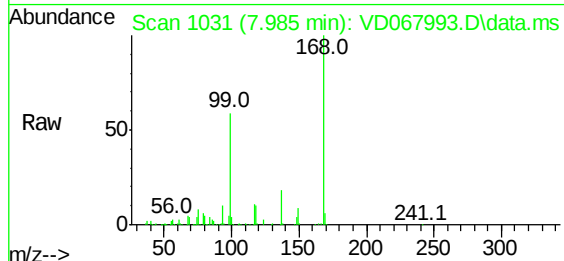




(-119) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

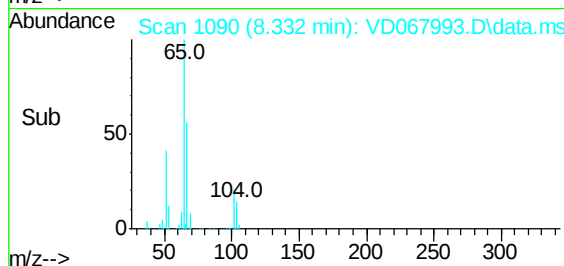
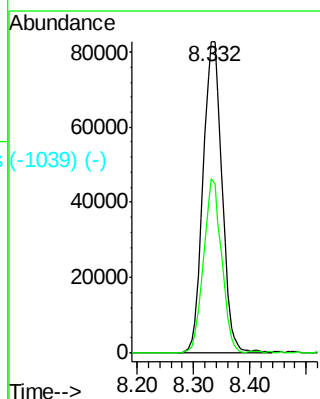
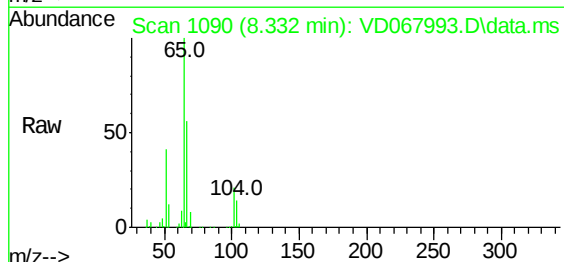
Instrument :
MSVOA_D
ClientSampleId :
R-LA-22-1-WC

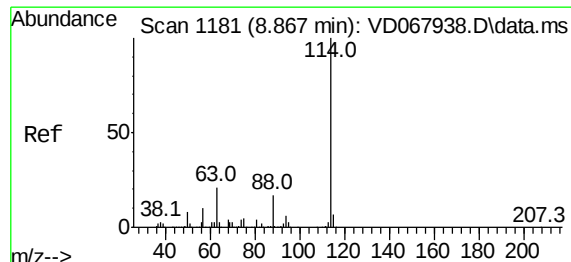
Tgt Ion:168 Resp: 272670
Ion Ratio Lower Upper
168 100
99 59.4 48.0 72.0



(-109) (-)
1,2-Dichloroethane-d4
Concen: 65.33 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Tgt Ion: 65 Resp: 192364
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.0

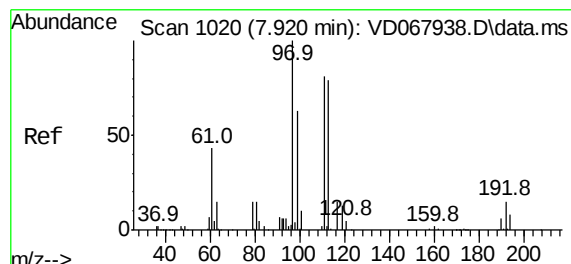
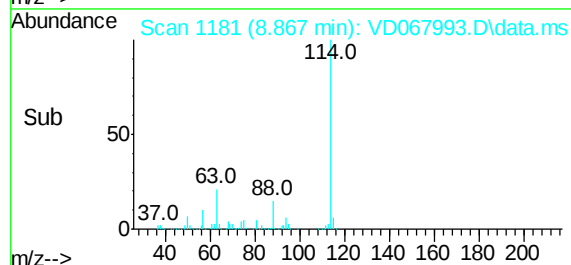
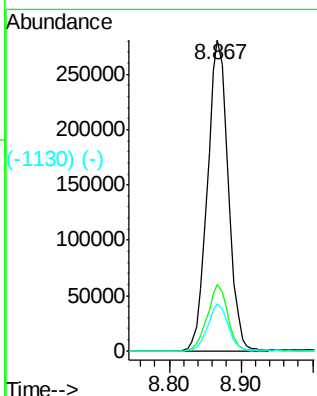
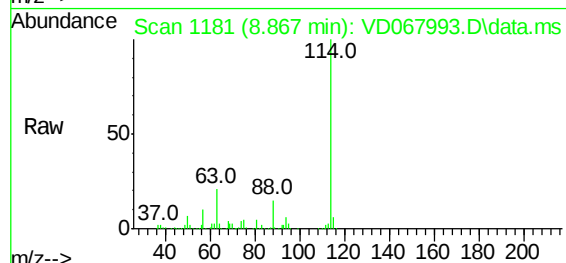




(-1341) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067993.D
 Acq: 04 Jan 2021 16:26

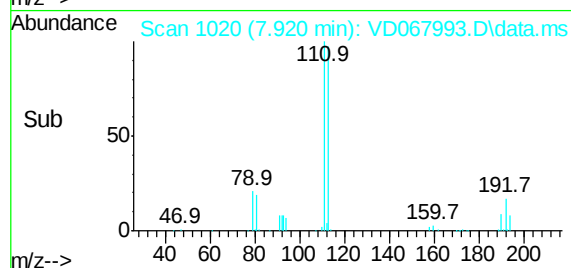
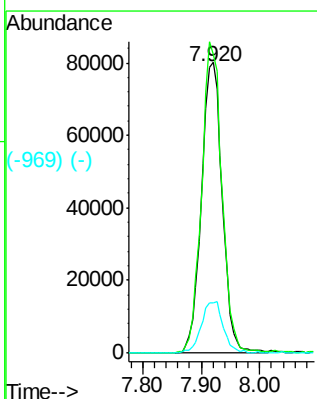
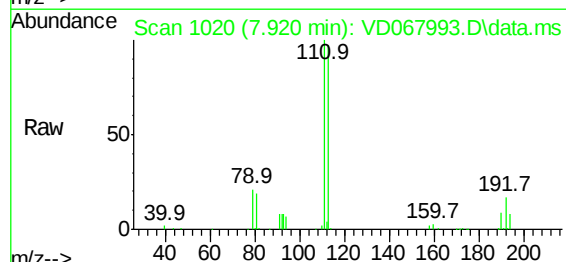
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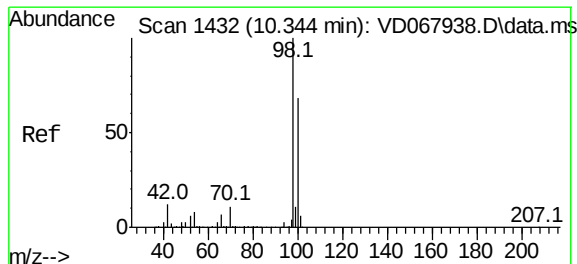
Tgt Ion:	114	Resp:	562364
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	41.4
88	15.1	0.0	33.2



(-1059) (-)
 Dibromofluoromethane
 Concen: 55.08 ug/l
 RT: 7.920 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: VD067993.D
 Acq: 04 Jan 2021 16:26

Tgt Ion:	113	Resp:	195156
Ion Ratio	Lower	Upper	
113	100		
111	104.4	79.3	118.9
192	18.3	14.5	21.7

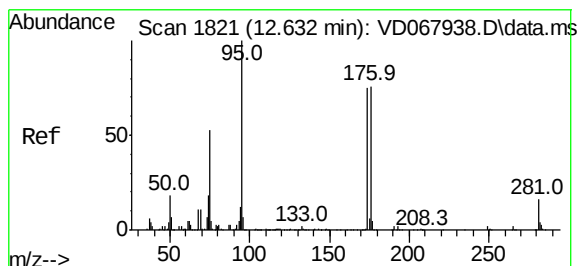
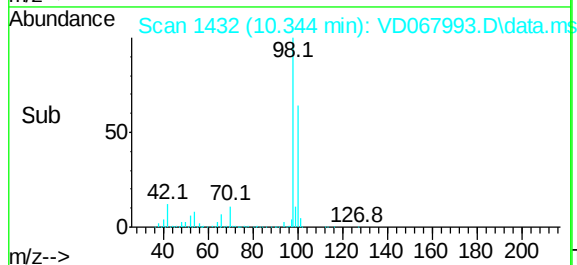
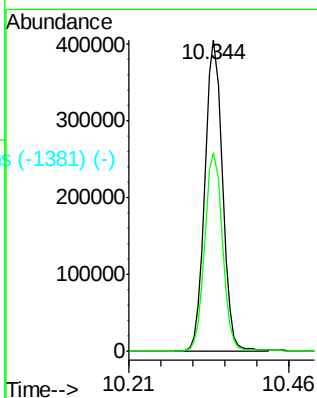
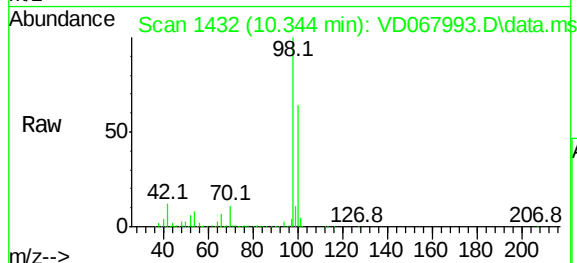




#5022 (-)
Toluene-d8
Concen: 53.55 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

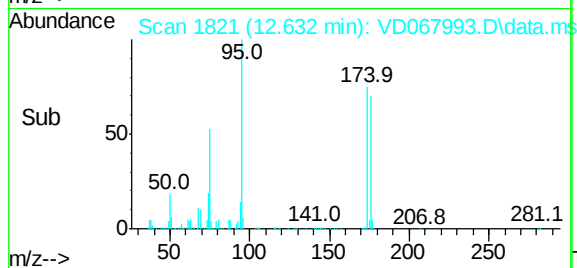
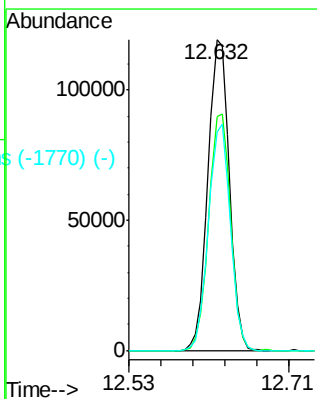
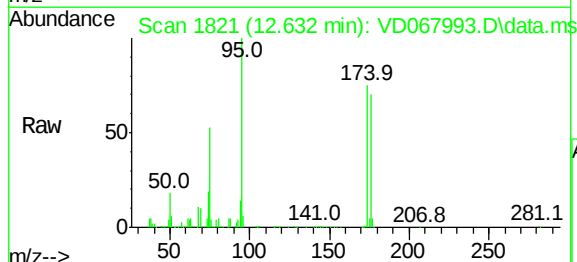
Instrument :
MSVOA_D
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R-LA-22-1-WC

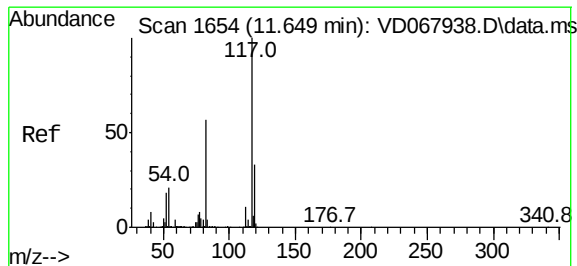
Tgt Ion: 98 Resp: 713166
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#6813 (-)
4-Bromofluorobenzene
Concen: 42.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Tgt Ion: 95 Resp: 194849
Ion Ratio Lower Upper
95 100
174 77.9 0.0 150.6
176 74.7 0.0 151.2

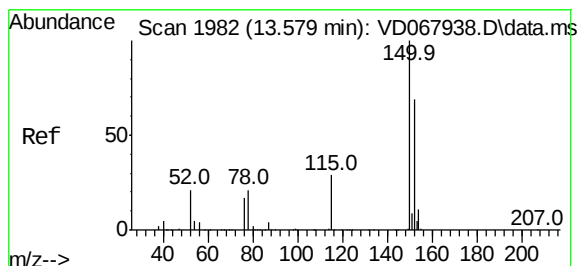
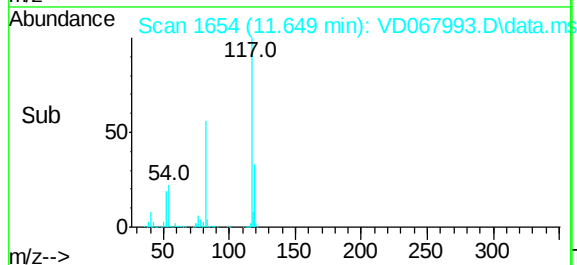
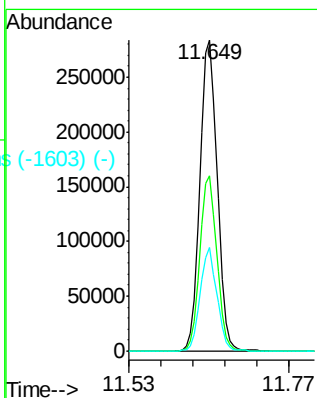
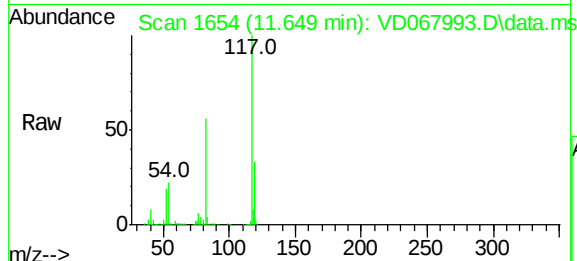




#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Instrument :
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R-LA-22-1-WC

Tgt Ion:	117	Resp:	499527
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.4	68.0
119	33.3	26.7	40.1



#7873 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD067993.D
Acq: 04 Jan 2021 16:26

Tgt Ion:	152	Resp:	181256
Ion Ratio	Lower	Upper	
152	100		
115	59.6	29.3	88.0
150	158.9	0.0	340.0

