

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122820\
 Data File : VD067957.D
 Acq On : 28 Dec 2020 13:07
 Operator : VA/SY
 Sample : L5221-03
 Misc : 4.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-58

Quant Time: Dec 29 00:11:32 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	219664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	415399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	387857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	162145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	161717	68.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.36%
35) Dibromofluoromethane	7.920	113	151224	57.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.56%
50) Toluene-d8	10.344	98	532669	54.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.28%
62) 4-Bromofluorobenzene	12.638	95	157013	46.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.32%

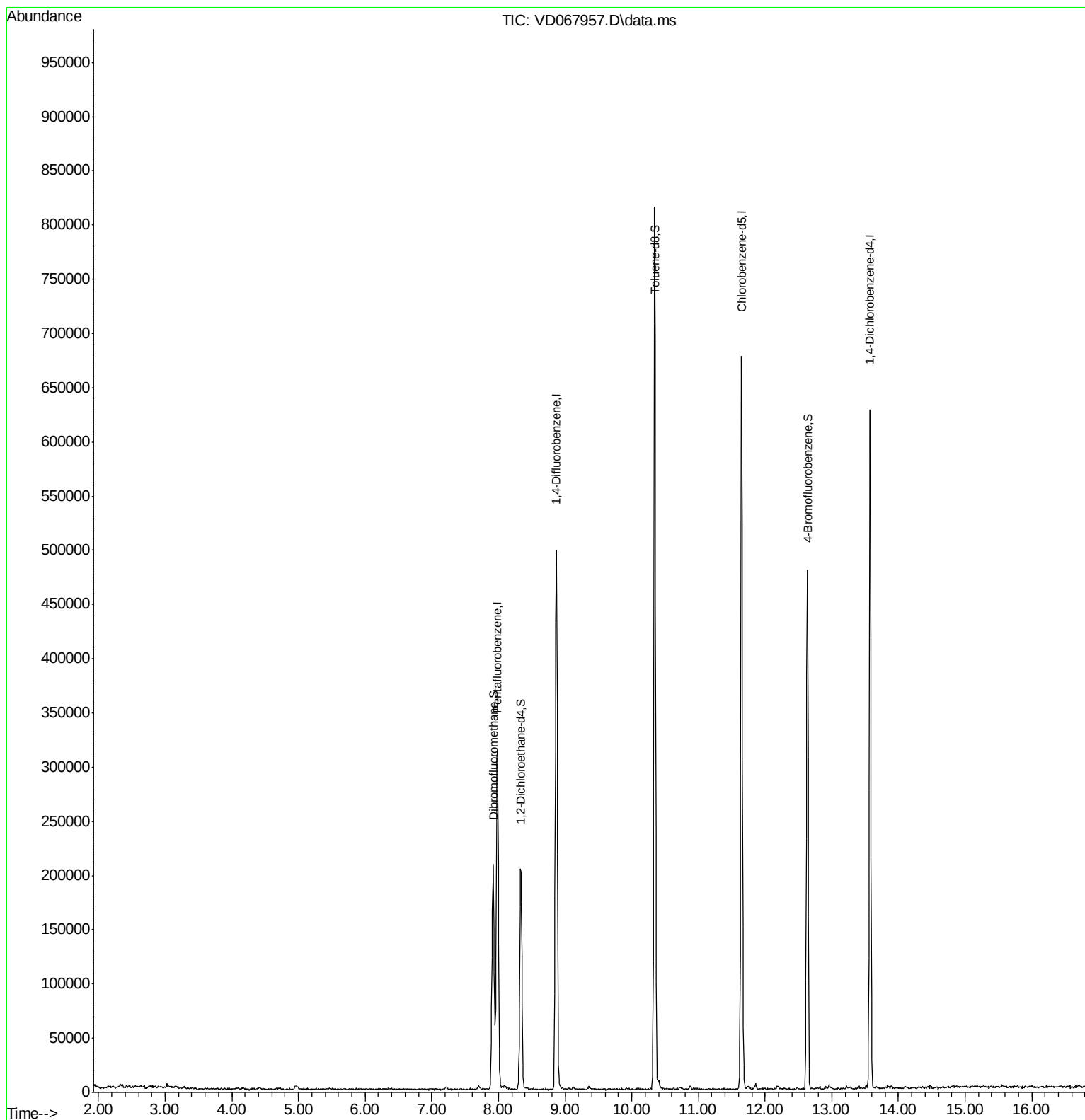
Target Compounds	Qvalue

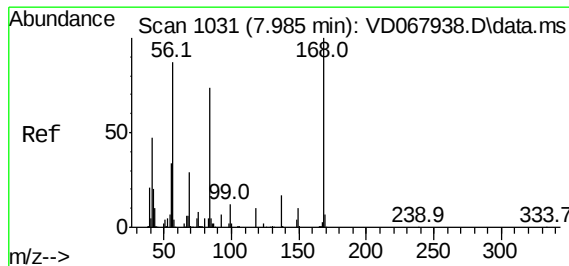
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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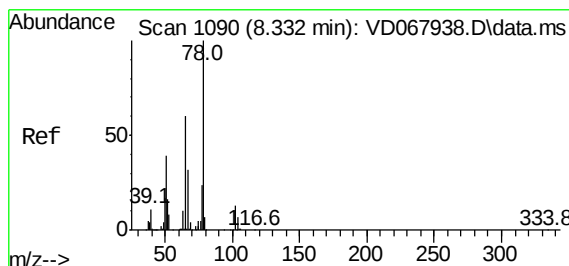
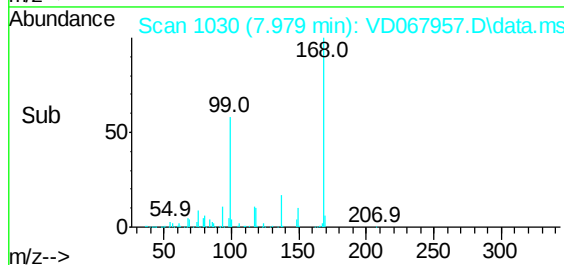
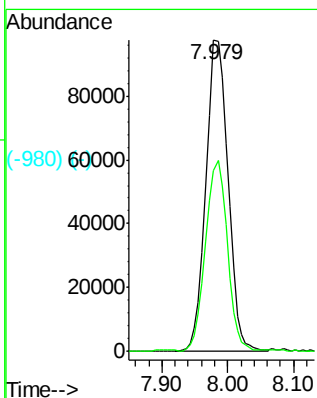
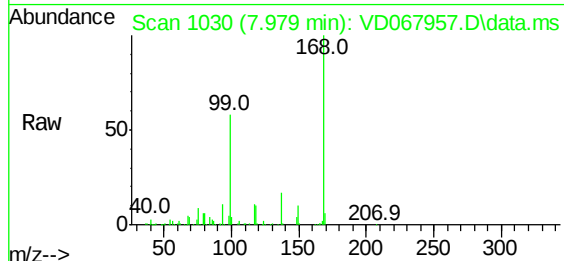




(-1019) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

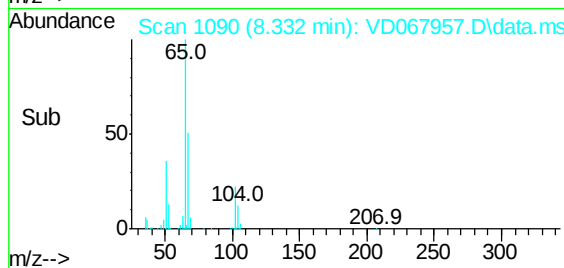
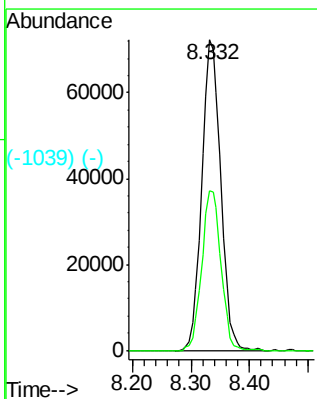
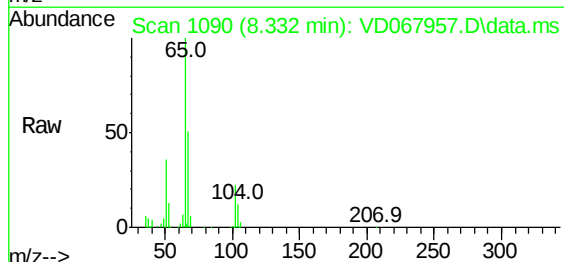
Instrument :
MSVOA_D
ClientSampleId :
RBR-58

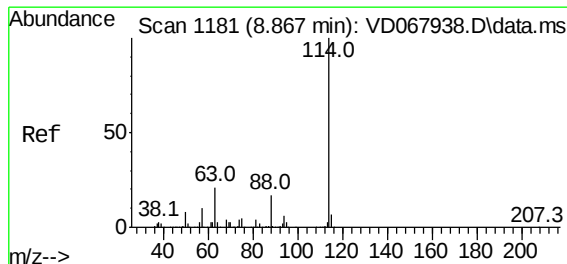
Tgt Ion:168 Resp: 219664
Ion Ratio Lower Upper
168 100
99 57.9 48.0 72.0



(-1030) (-)
1,2-Dichloroethane-d4
Concen: 68.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion: 65 Resp: 161717
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.0

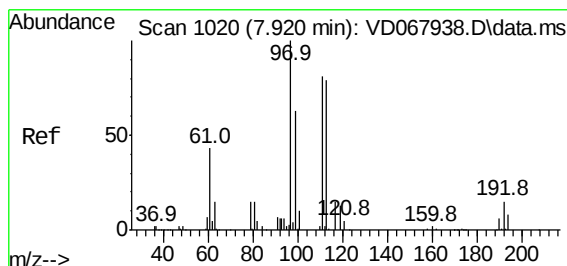
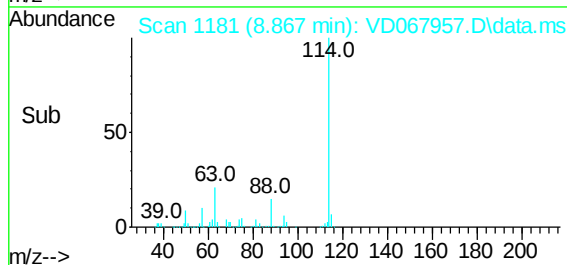
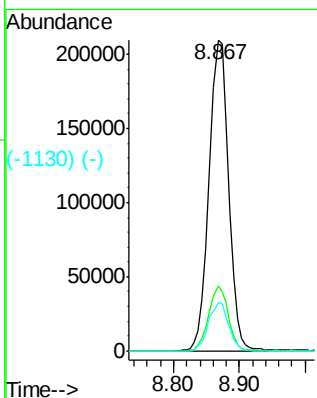
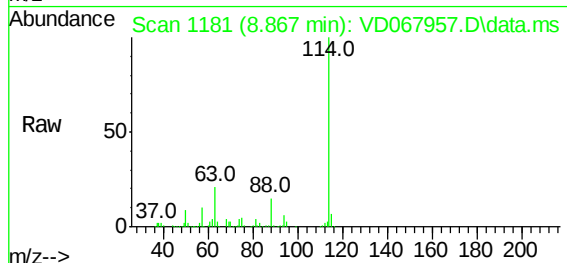




(-114) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067957.D
 Acq: 28 Dec 2020 13:07

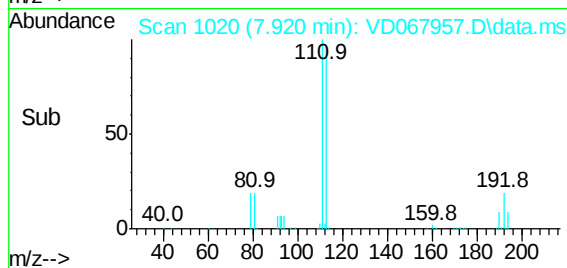
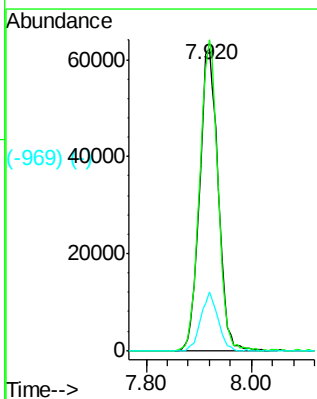
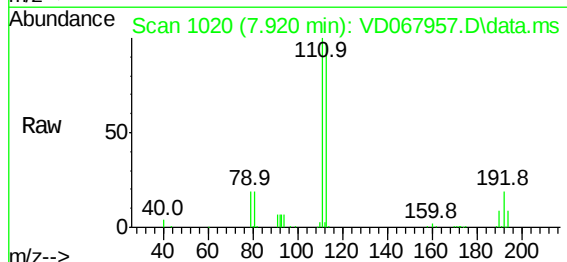
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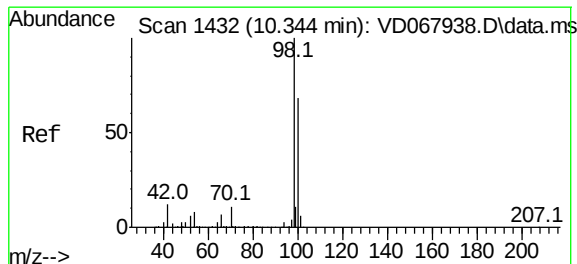
Tgt Ion:	114	Resp:	415399
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.4	0.0	33.2



(-113) (-)
 Dibromofluoromethane
 Concen: 57.78 ug/l
 RT: 7.920 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: VD067957.D
 Acq: 28 Dec 2020 13:07

Tgt Ion:	113	Resp:	151224
Ion	Ratio	Lower	Upper
113	100		
111	101.2	79.3	118.9
192	17.7	14.5	21.7

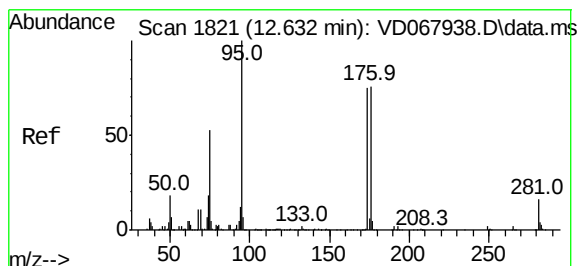
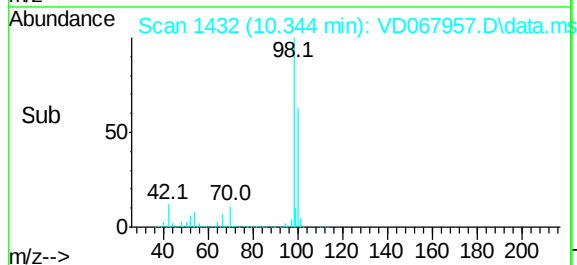
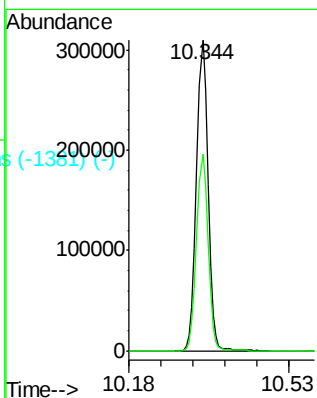
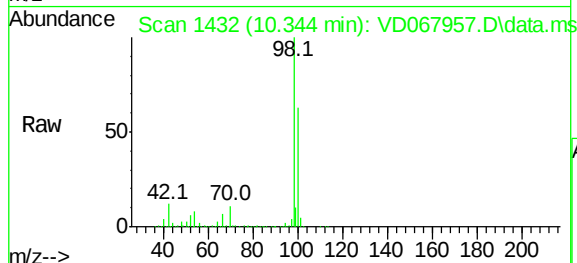




#5022 (-)
Toluene-d8
Concen: 54.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

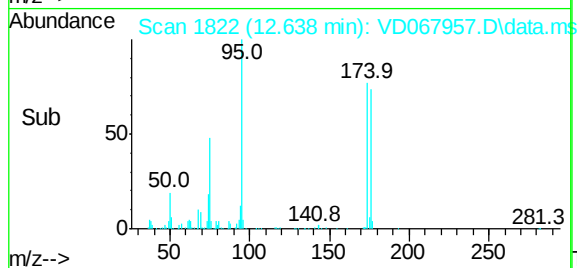
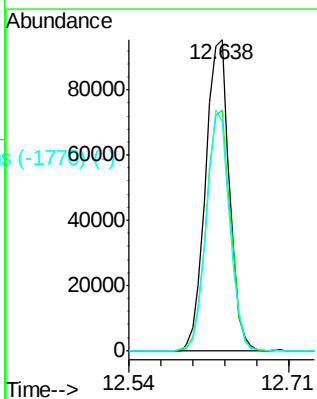
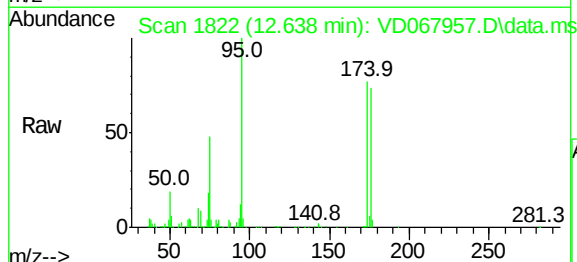
Instrument :
MSVOA_D
ClientSampleId :
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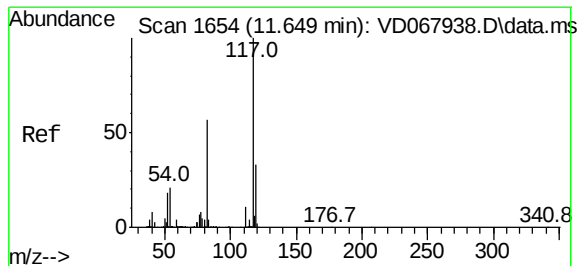
Tgt Ion: 98 Resp: 532669
Ion Ratio Lower Upper
98 100
100 63.4 52.5 78.7



#6213 (-)
4-Bromofluorobenzene
Concen: 46.66 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion: 95 Resp: 157013
Ion Ratio Lower Upper
95 100
174 78.1 0.0 150.6
176 75.6 0.0 151.2

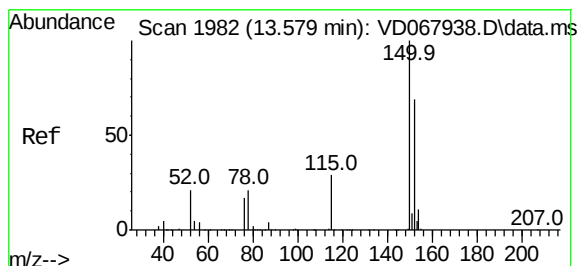
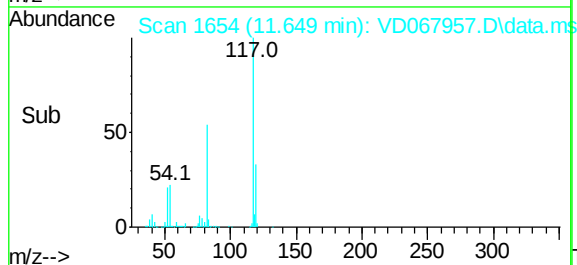
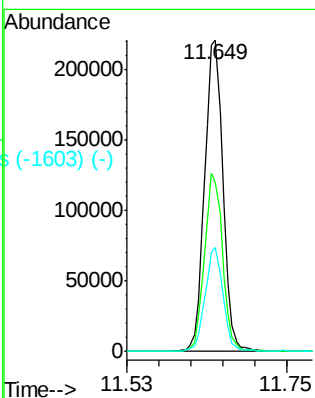
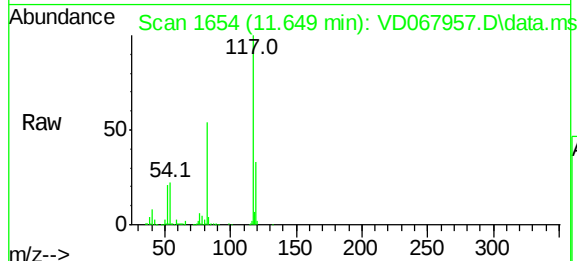




#1644 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :
RBR-58

Tgt Ion:117 Resp: 387857
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 33.1 26.7 40.1



#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion:152 Resp: 162145
Ion Ratio Lower Upper
152 100
115 59.1 29.3 88.0
150 156.1 0.0 340.0

