

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122820\
 Data File : VD067958.D
 Acq On : 28 Dec 2020 13:35
 Operator : VA/SY
 Sample : L5221-05
 Misc : 6.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-69

Quant Time: Dec 29 00:11:49 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	7.985	168	214333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	397803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	368025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	138335	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154203	66.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.26%
35) Dibromofluoromethane	7.914	113	146453	58.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.86%
50) Toluene-d8	10.344	98	509225	54.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.10%
62) 4-Bromofluorobenzene	12.632	95	147153	45.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.32%

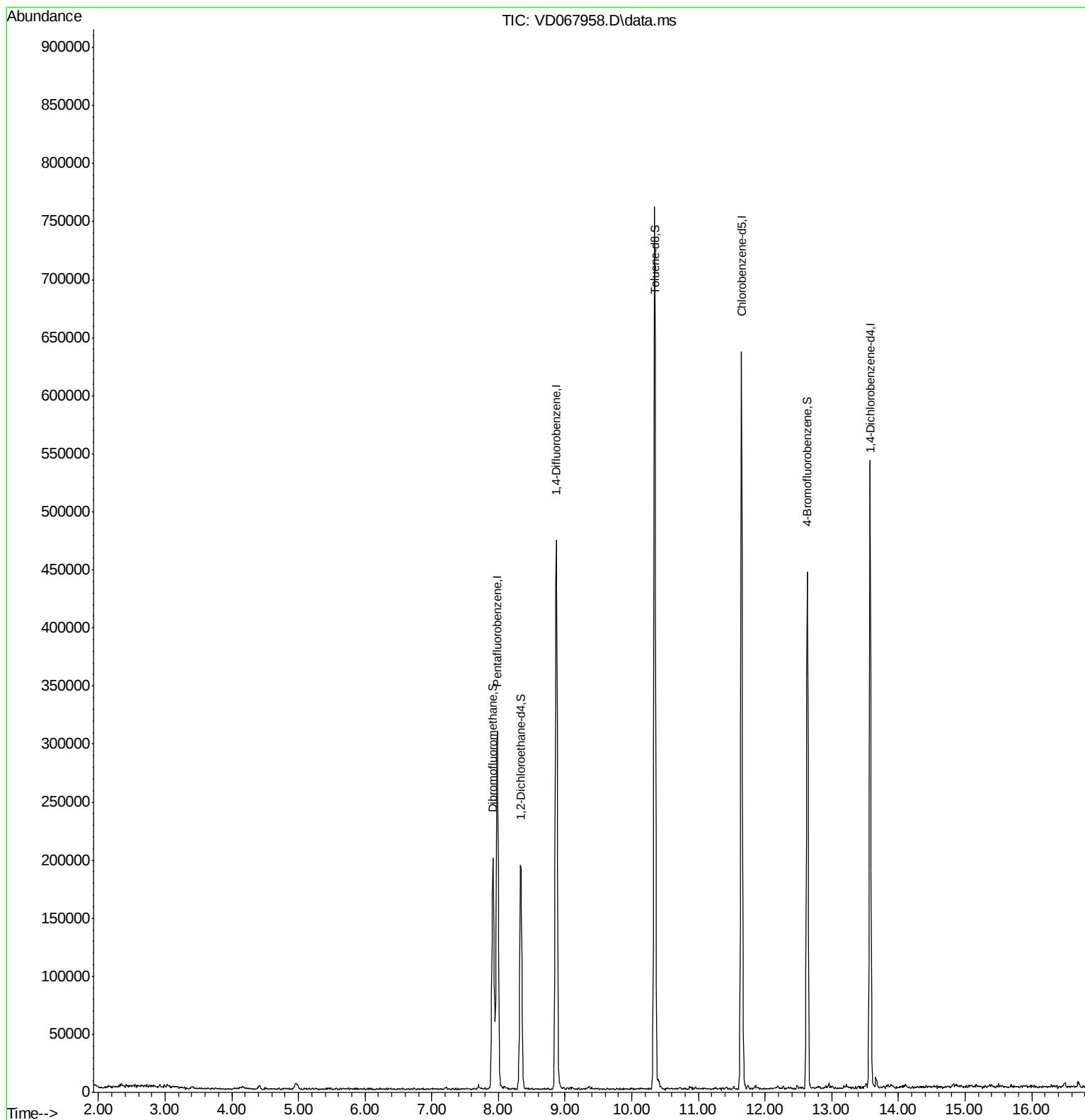
Target Compounds	Qvalue

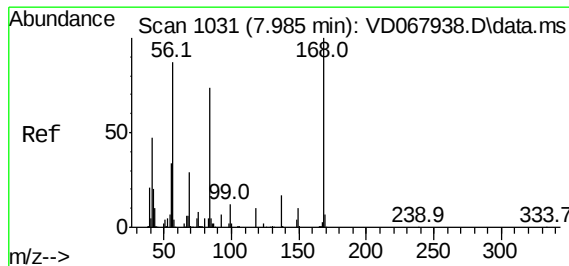
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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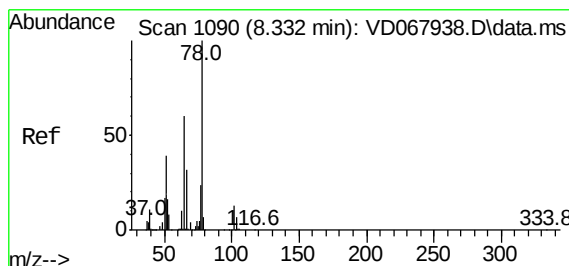
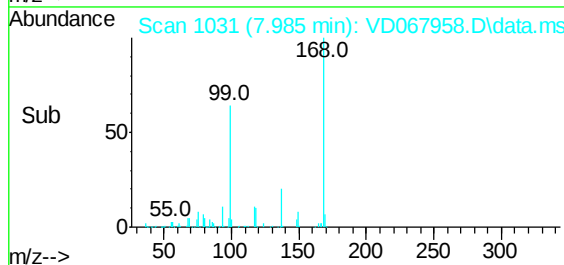
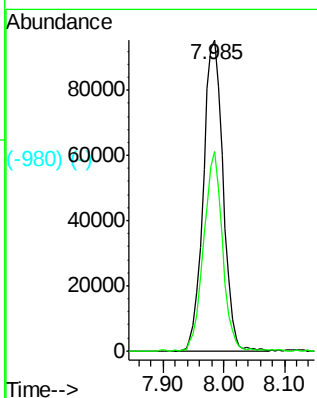
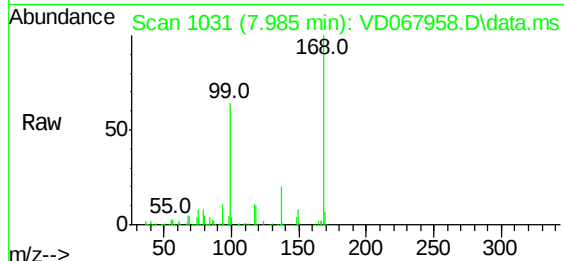




(-1019) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD067958.D
Acq: 28 Dec 2020 13:35

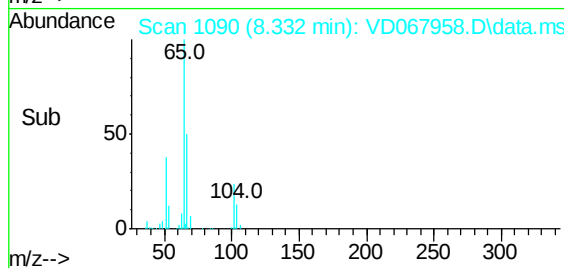
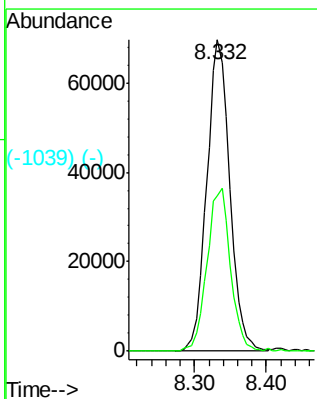
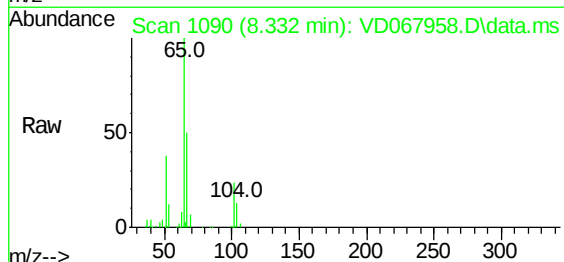
Instrument :
MSVOA_D
ClientSampleId :
RBR-69

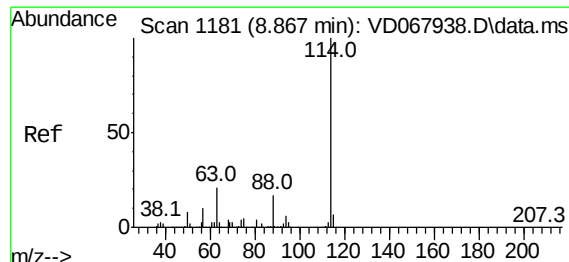
Tgt Ion:168 Resp: 214333
Ion Ratio Lower Upper
168 100
99 64.0 48.0 72.0



(-1039) (-)
1,2-Dichloroethane-d4
Concen: 66.63 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067958.D
Acq: 28 Dec 2020 13:35

Tgt Ion: 65 Resp: 154203
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.0



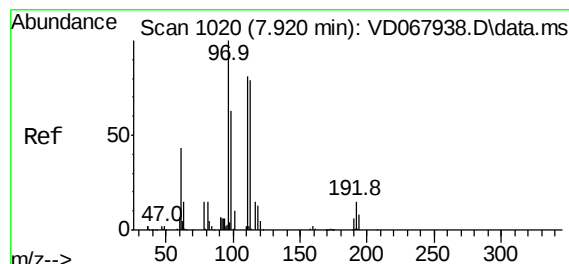
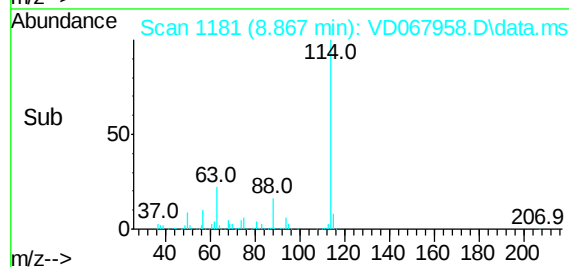
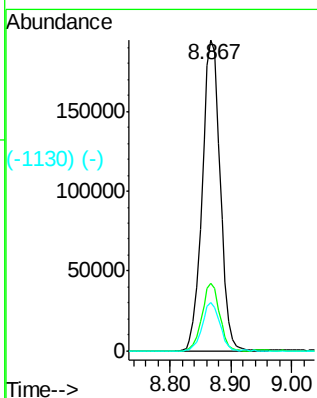
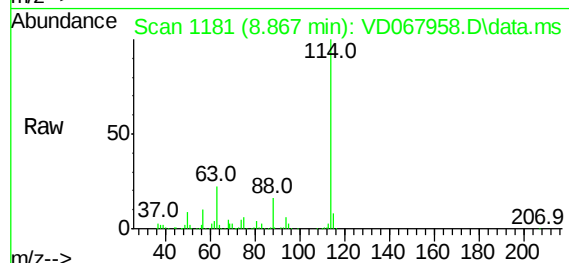


(-1341) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067958.D
 Acq: 28 Dec 2020 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-69

Tgt Ion:114 Resp: 397803

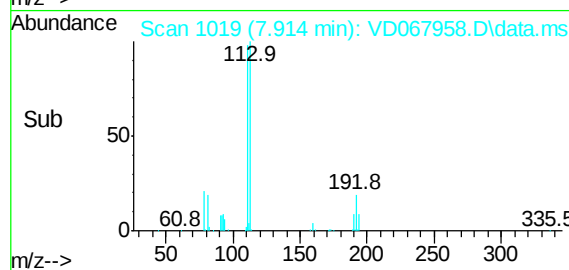
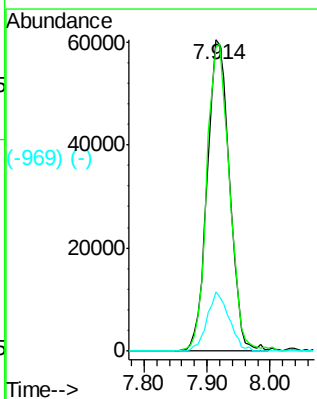
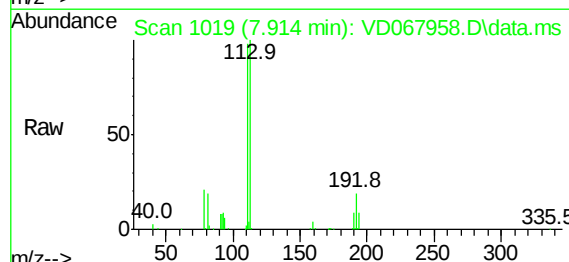
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.4
88	15.7	0.0	33.2

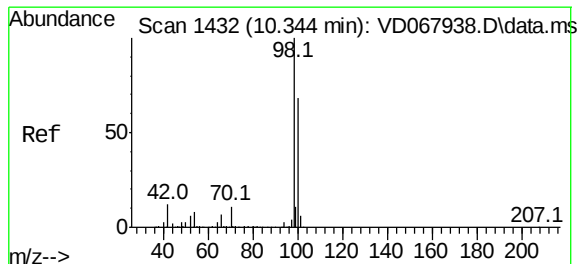


(-1059) (-)
 Dibromofluoromethane
 Concen: 58.43 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VD067958.D
 Acq: 28 Dec 2020 13:35

Tgt Ion:113 Resp: 146453

Ion	Ratio	Lower	Upper
113	100		
111	99.3	79.3	118.9
192	18.4	14.5	21.7

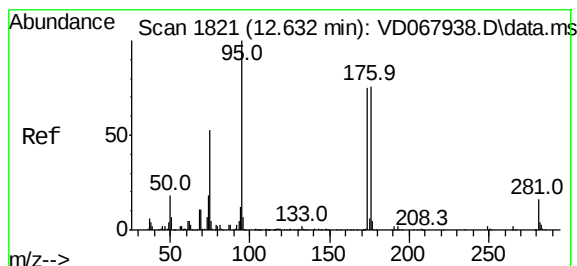
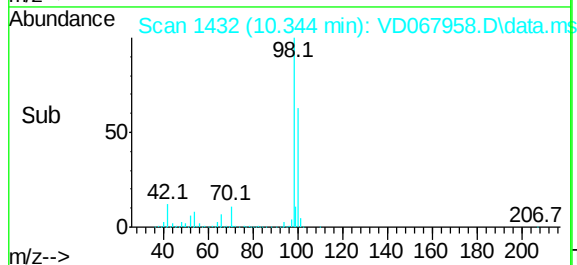
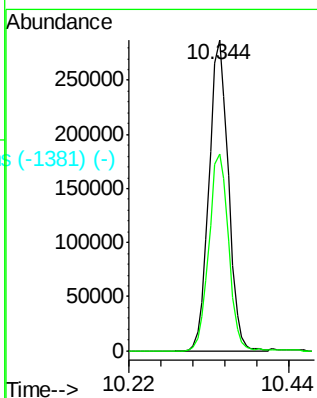
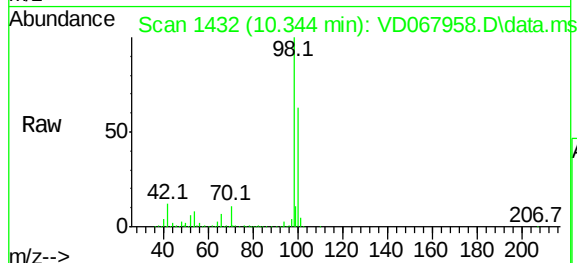




#5022 (-)
Toluene-d8
Concen: 54.05 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067958.D
Acq: 28 Dec 2020 13:35

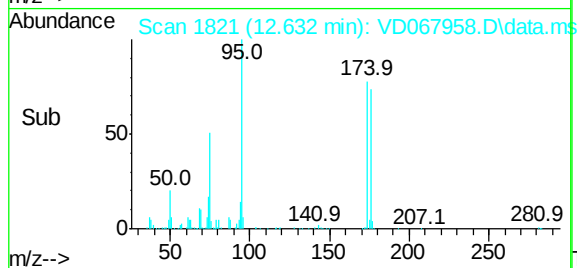
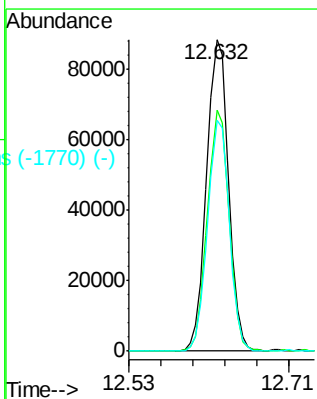
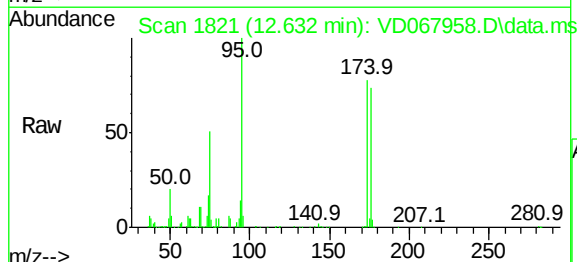
Instrument :
MSVOA_D
ClientSampleId :
RBR-69

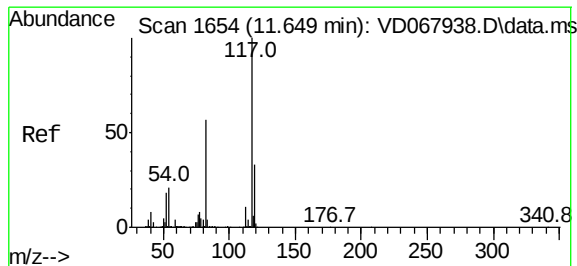
Tgt Ion: 98 Resp: 509225
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#6213 (-)
4-Bromofluorobenzene
Concen: 45.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067958.D
Acq: 28 Dec 2020 13:35

Tgt Ion: 95 Resp: 147153
Ion Ratio Lower Upper
95 100
174 76.9 0.0 150.6
176 73.2 0.0 151.2

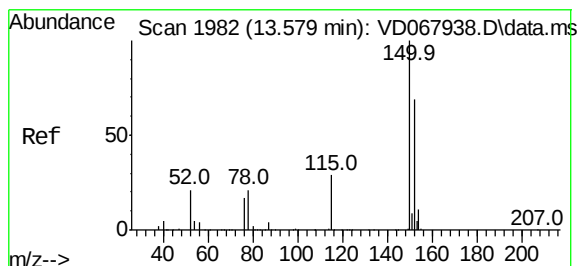
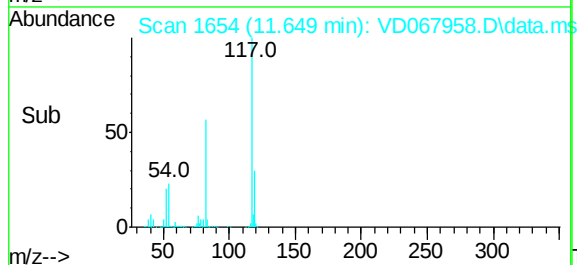
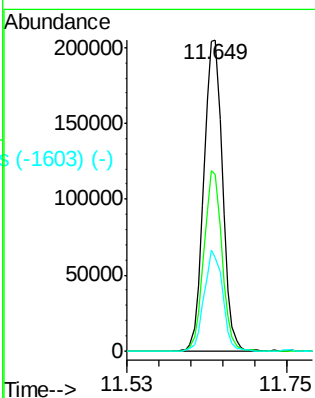
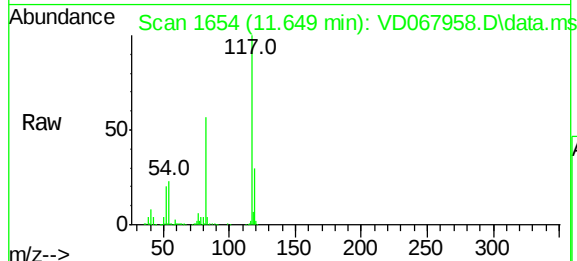




#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067958.D
Acq: 28 Dec 2020 13:35

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RBR-69

Tgt Ion:	117	Resp:	368025
Ion Ratio	Lower	Upper	
117	100		
82	56.9	45.4	68.0
119	30.1	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: VD067958.D
Acq: 28 Dec 2020 13:35

Tgt Ion:	152	Resp:	138335
Ion Ratio	Lower	Upper	
152	100		
115	60.1	29.3	88.0
150	159.1	0.0	340.0

