

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122420\
 Data File : VD067947.D
 Acq On : 24 Dec 2020 15:43
 Operator : VA/SY
 Sample : L5215-02
 Misc : 6.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11991

Quant Time: Dec 25 00:15:46 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	209525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	397538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	369096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	154344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	158742	70.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.32%
35) Dibromofluoromethane	7.920	113	144936	57.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.72%
50) Toluene-d8	10.344	98	493672	52.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.86%
62) 4-Bromofluorobenzene	12.632	95	150210	46.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.28%

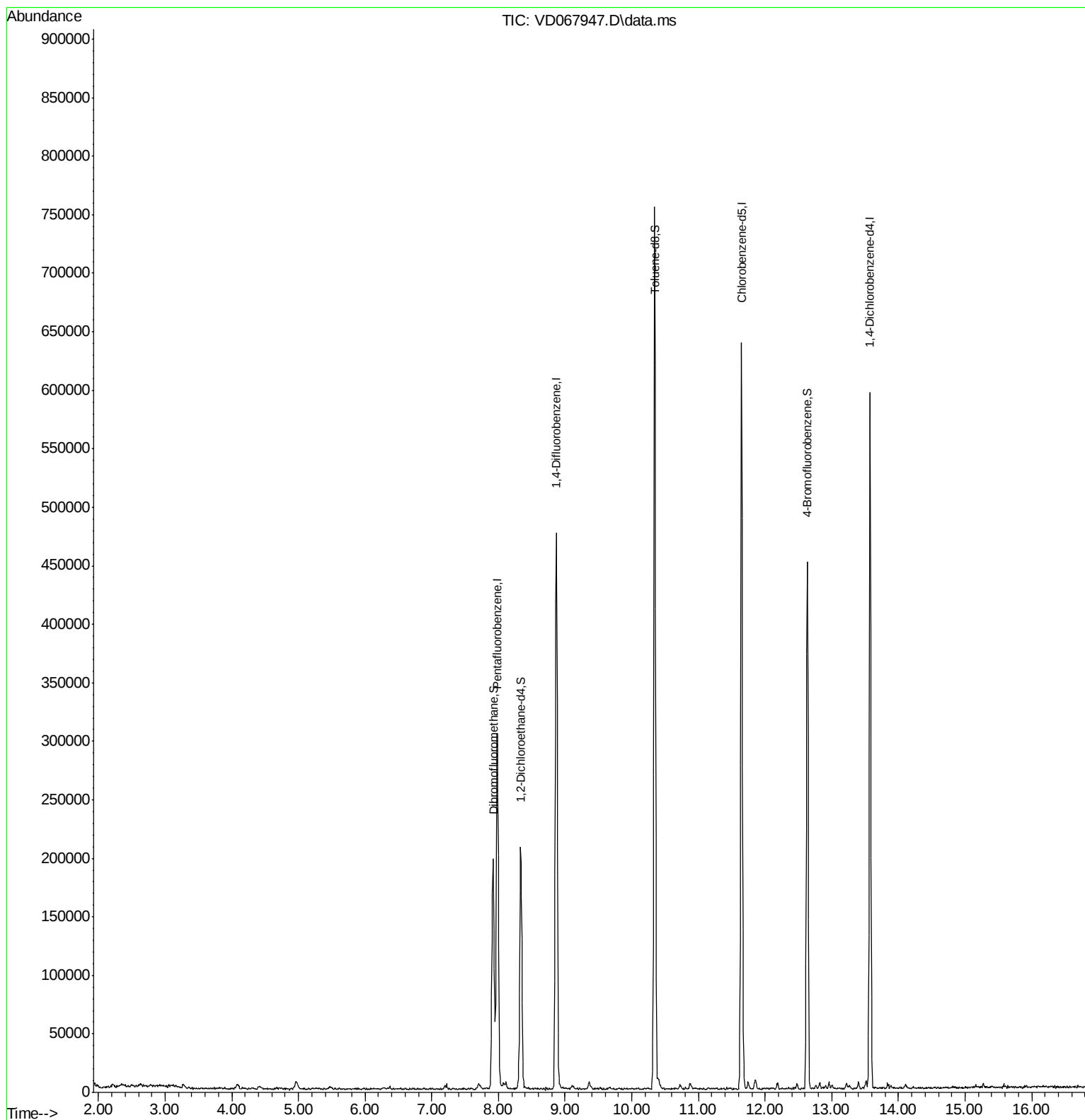
Target Compounds Qvalue

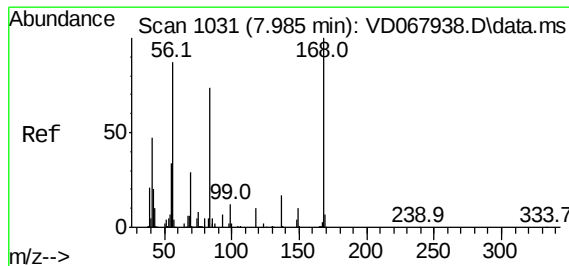
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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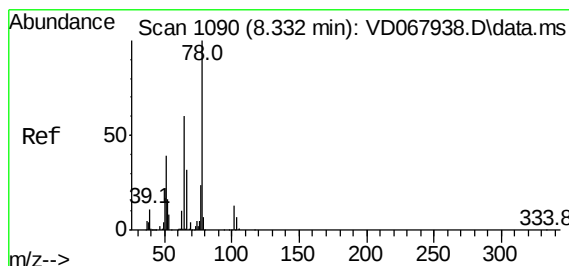
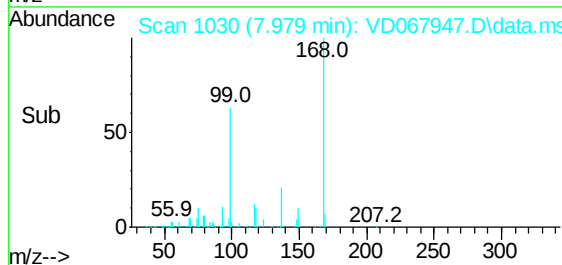
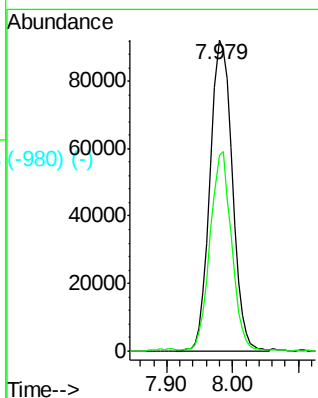
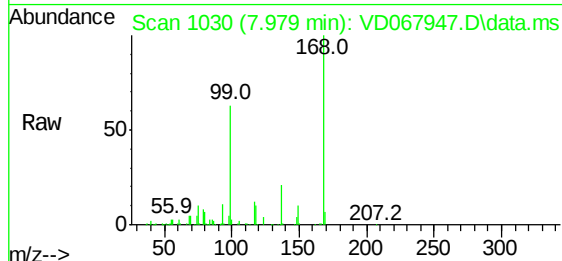




(-1019) (-)
Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

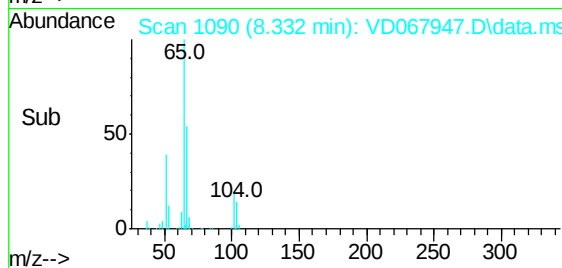
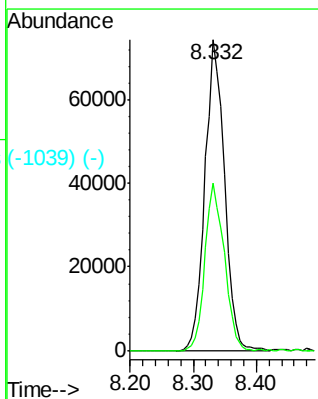
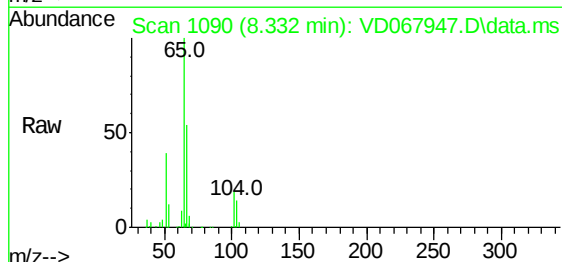
Instrument :
MSVOA_D
ClientSampleId :
72-11991

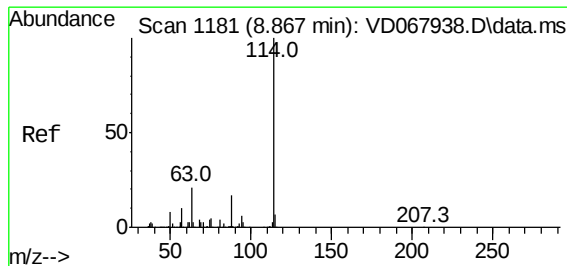
Tgt Ion:168 Resp: 209525
Ion Ratio Lower Upper
168 100
99 62.7 48.0 72.0



(-1030) (-)
1,2-Dichloroethane-d4
Concen: 70.16 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Tgt Ion: 65 Resp: 158742
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.0

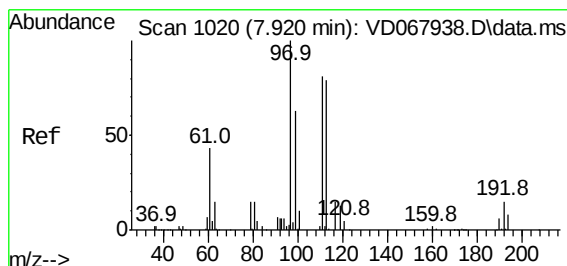
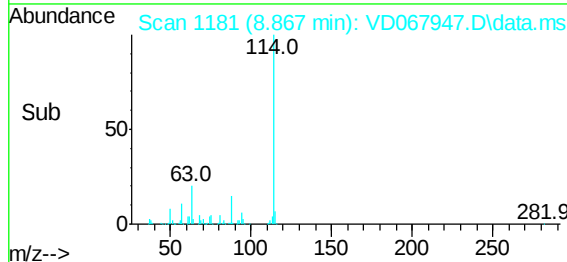
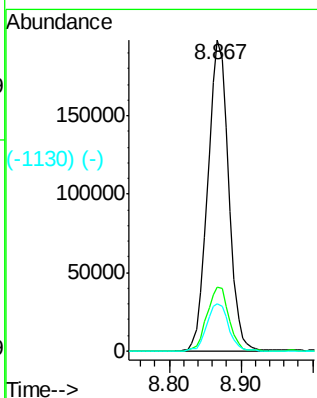
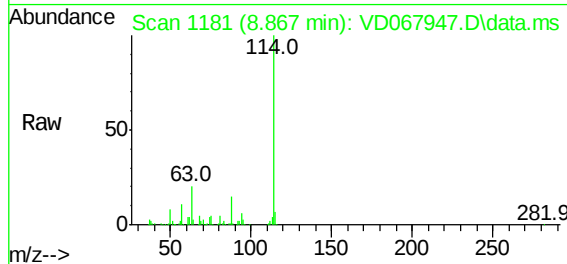




(-1341) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067947.D
 Acq: 24 Dec 2020 15:43

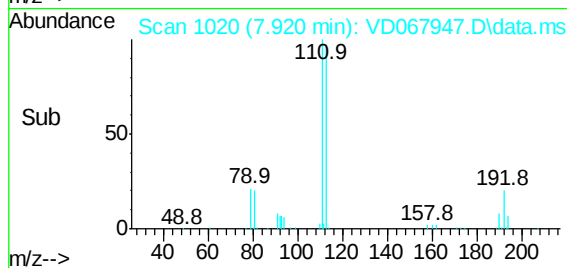
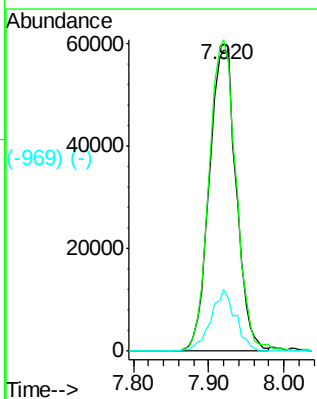
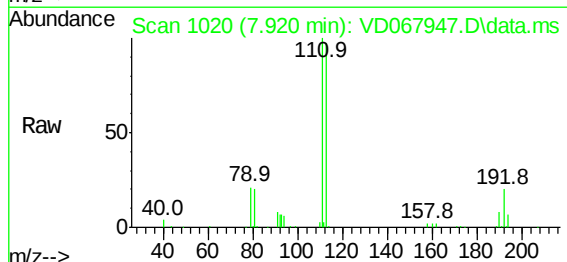
Instrument :
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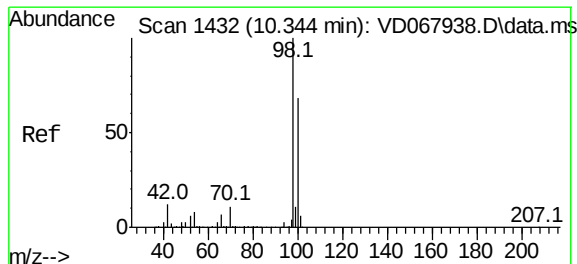
Tgt Ion:114 Resp: 397538
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.3 0.0 33.2



(-1059) (-)
 Dibromofluoromethane
 Concen: 57.86 ug/l
 RT: 7.920 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: VD067947.D
 Acq: 24 Dec 2020 15:43

Tgt Ion:113 Resp: 144936
 Ion Ratio Lower Upper
 113 100
 111 103.4 79.3 118.9
 192 18.3 14.5 21.7

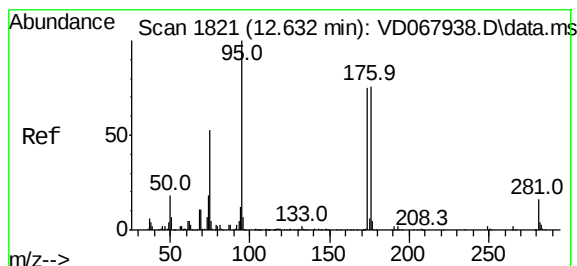
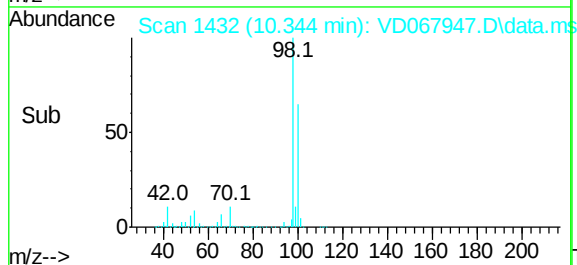
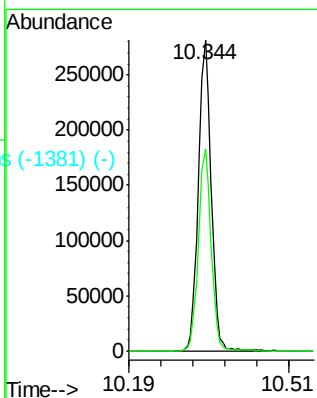
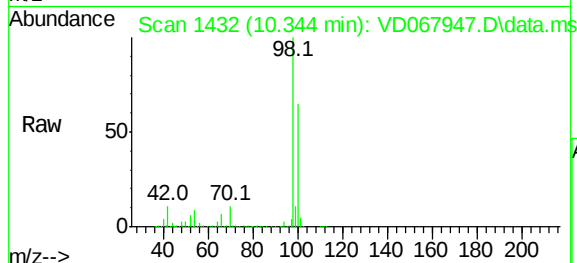




#5022 (-)
Toluene-d8
Concen: 52.43 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

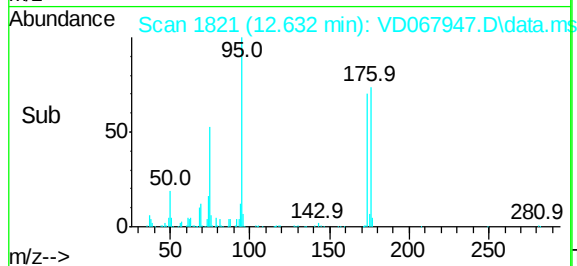
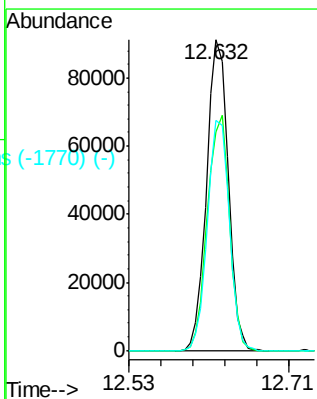
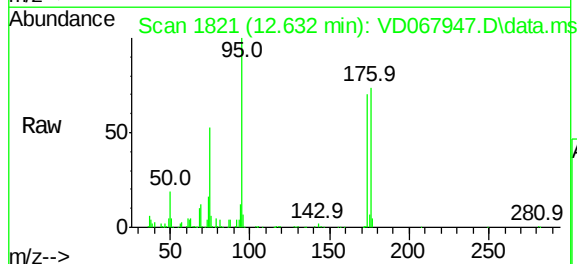
Instrument :
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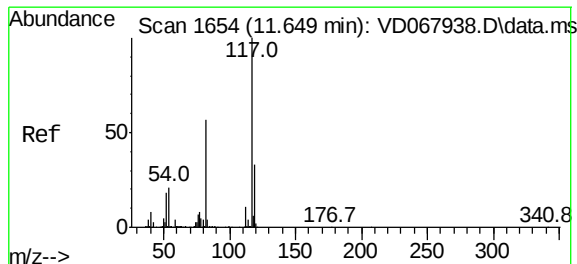
Tgt Ion: 98 Resp: 493672
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#6213 (-)
4-Bromofluorobenzene
Concen: 46.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Tgt Ion: 95 Resp: 150210
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.6
176 74.9 0.0 151.2

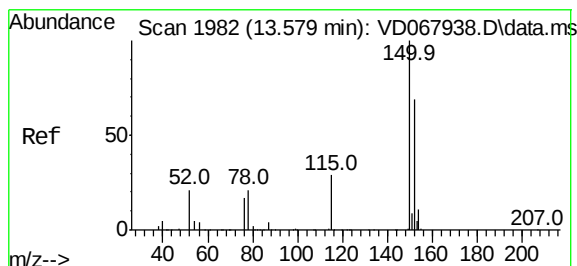
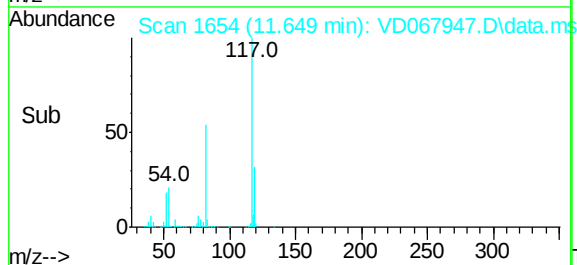
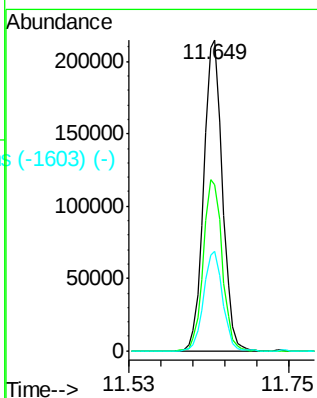
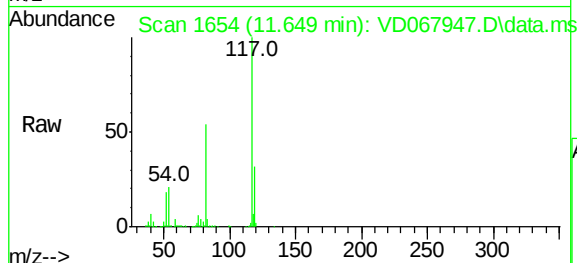




#1634 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

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Tgt Ion:	117	Resp:	369096
Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.4	68.0
119	31.9	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: VD067947.D
Acq: 24 Dec 2020 15:43

Tgt Ion:	152	Resp:	154344
Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.3	88.0
150	156.7	0.0	340.0

