

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123020\
 Data File : VD067981.D
 Acq On : 30 Dec 2020 17:55
 Operator : VA/SY
 Sample : L5242-14
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-7(434+26)VOC-GRAB

Quant Time: Dec 31 00:17:18 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	201432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	418441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	391856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	156460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144215	66.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.60%
35) Dibromofluoromethane	7.914	113	149429	56.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.36%
50) Toluene-d8	10.344	98	537219	54.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.42%
62) 4-Bromofluorobenzene	12.632	95	157294	46.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.80%

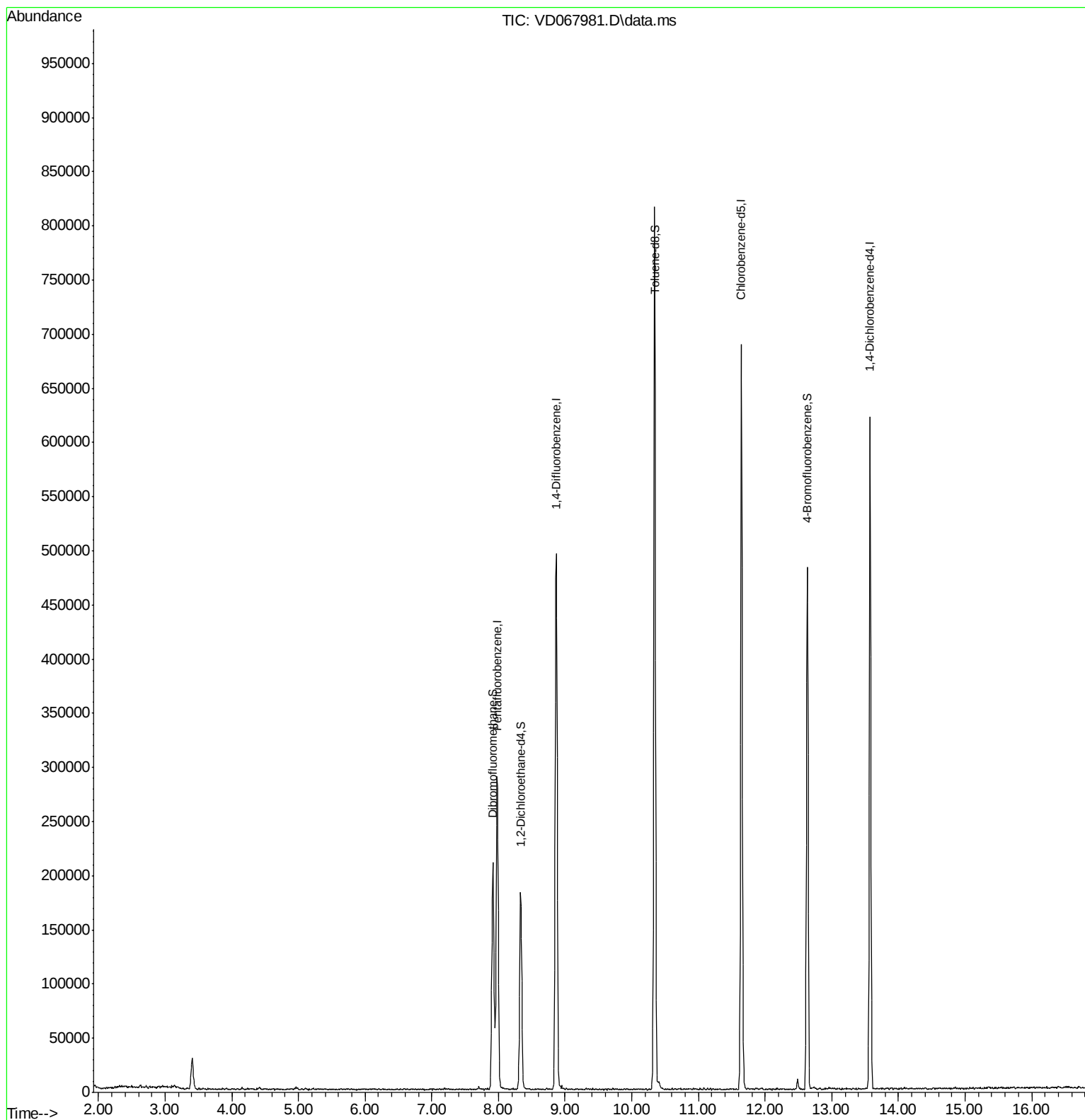
Target Compounds	Qvalue

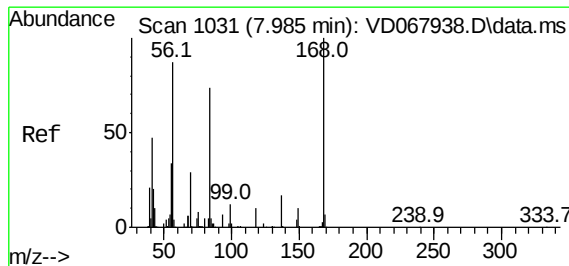
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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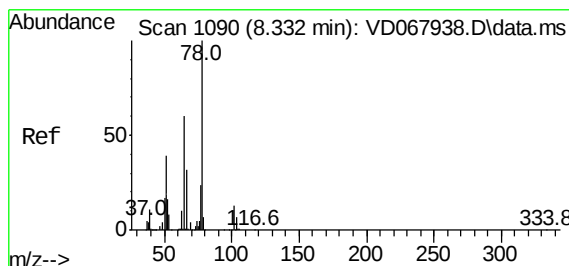
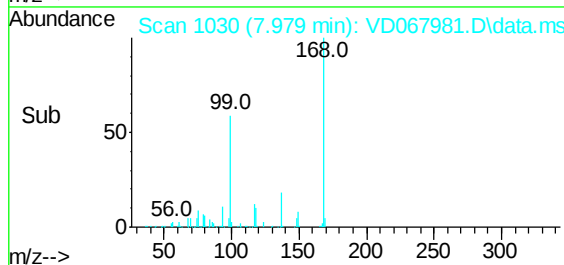
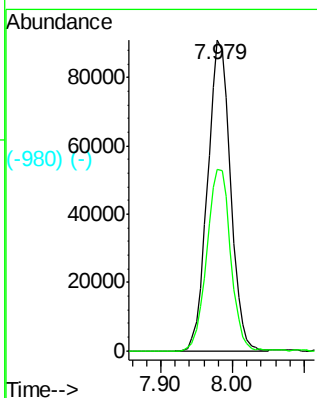
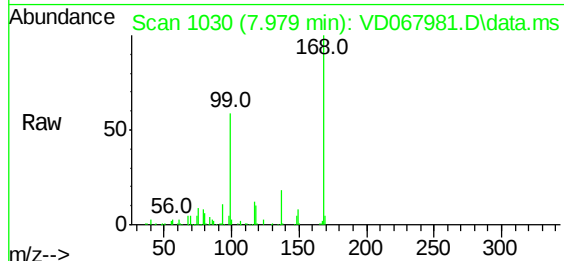




(-119) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067981.D
Acq: 30 Dec 2020 17:55

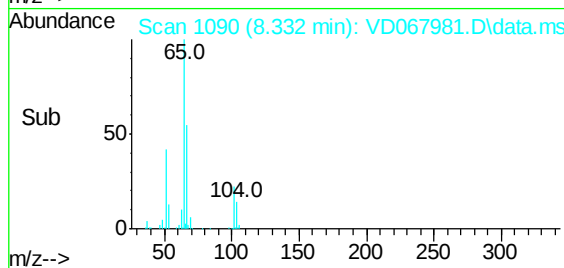
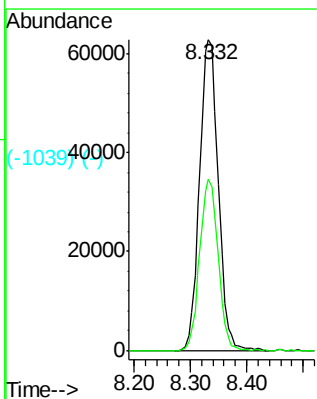
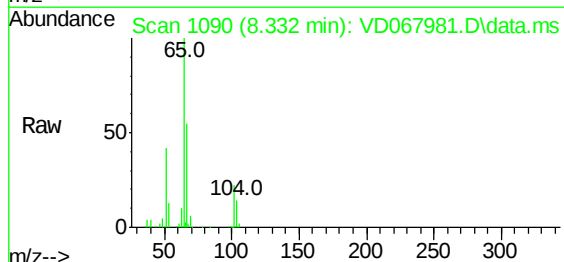
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-7(434+26)VOC-GRAB

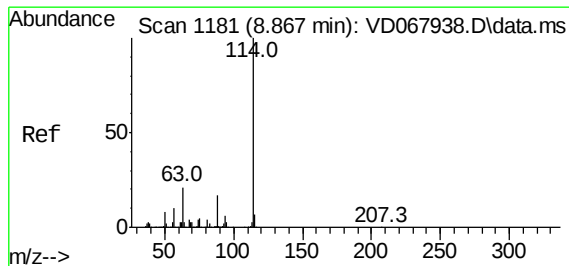
Tgt Ion:168 Resp: 201432
Ion Ratio Lower Upper
168 100
99 58.5 48.0 72.0



(-103) (-)
1,2-Dichloroethane-d4
Concen: 66.30 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067981.D
Acq: 30 Dec 2020 17:55

Tgt Ion: 65 Resp: 144215
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.0

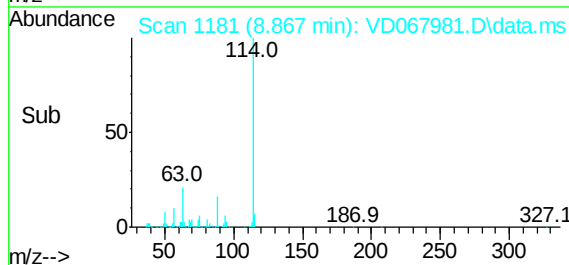
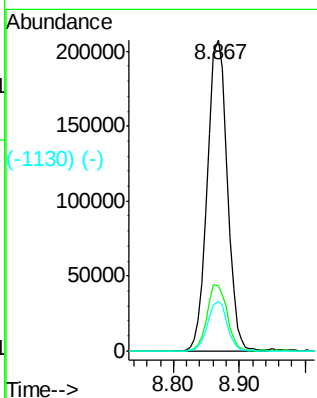
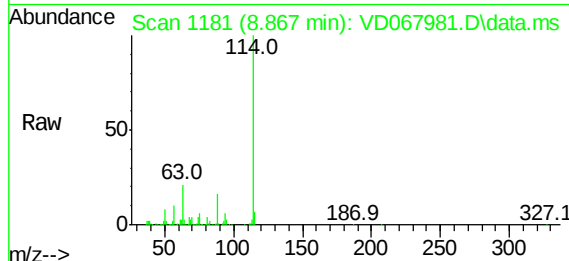




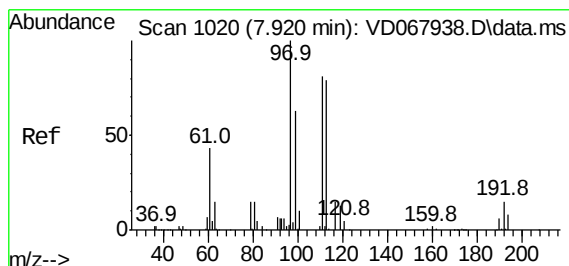
(-1341) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067981.D
 Acq: 30 Dec 2020 17:55

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-7(434+26)VOC-GRAB

Tgt Ion:114 Resp: 418441
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.9 0.0 33.2

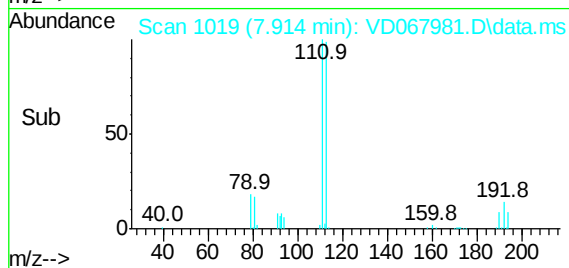
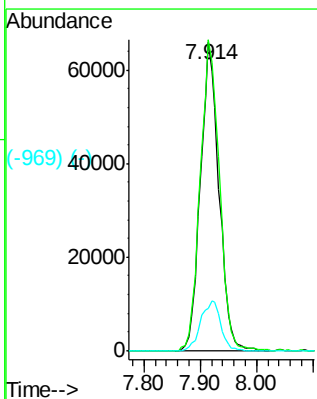
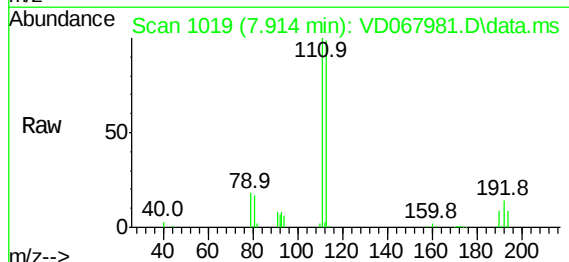


(-1130) (-)

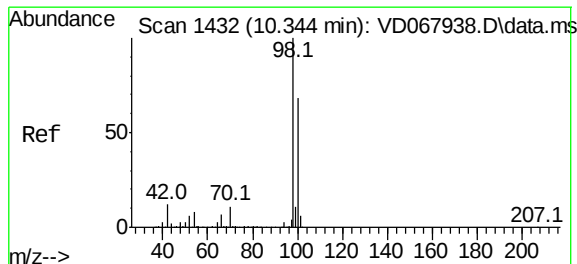


(-1059) (-)
 Dibromofluoromethane
 Concen: 56.68 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VD067981.D
 Acq: 30 Dec 2020 17:55

Tgt Ion:113 Resp: 149429
 Ion Ratio Lower Upper
 113 100
 111 104.3 79.3 118.9
 192 17.1 14.5 21.7



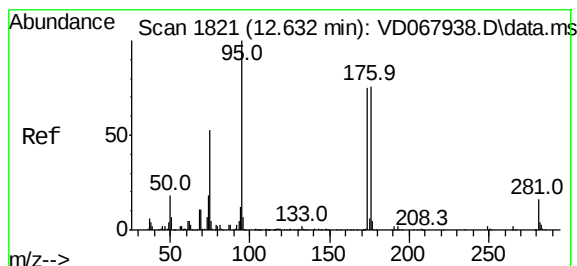
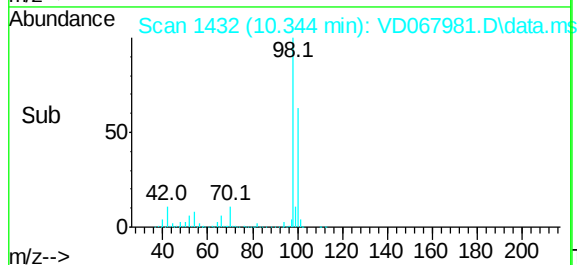
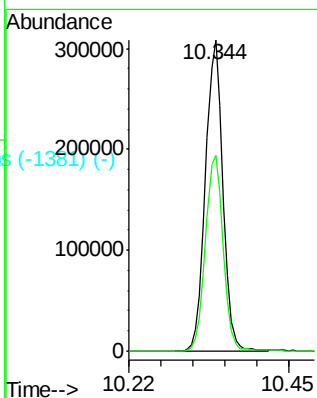
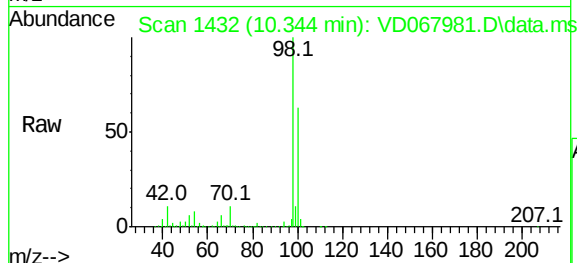
(-969) (-)



#5022 (-)
Toluene-d8
Concen: 54.21 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067981.D
Acq: 30 Dec 2020 17:55

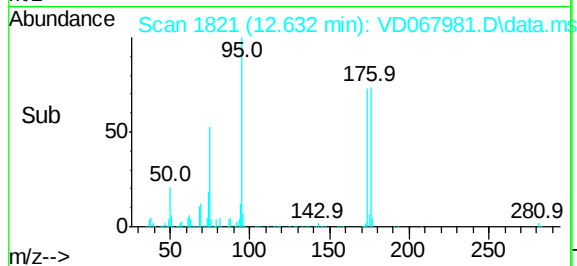
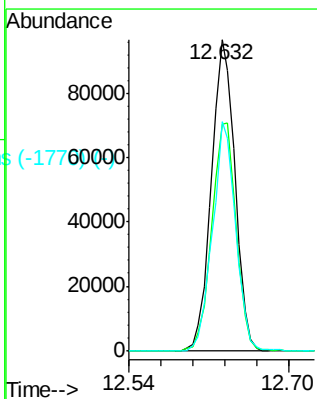
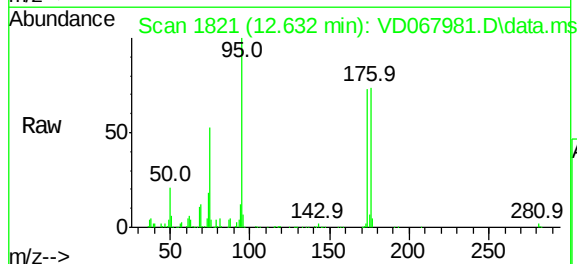
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-7(434+26)VOC-GRAB

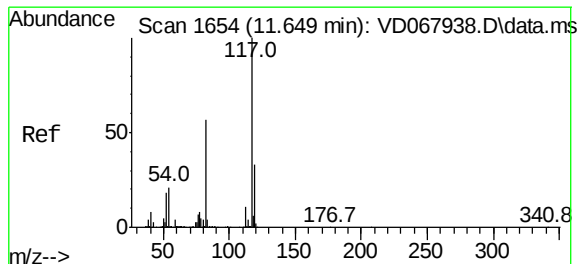
Tgt Ion: 98 Resp: 537219
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7



#6213 (-)
4-Bromofluorobenzene
Concen: 46.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067981.D
Acq: 30 Dec 2020 17:55

Tgt Ion: 95 Resp: 157294
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.6
176 72.4 0.0 151.2

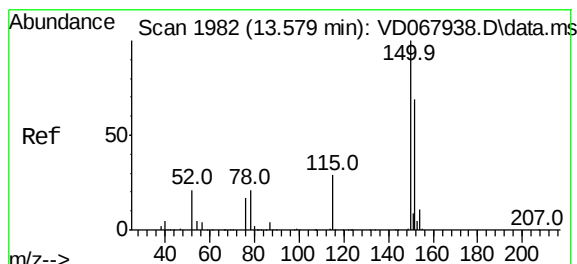
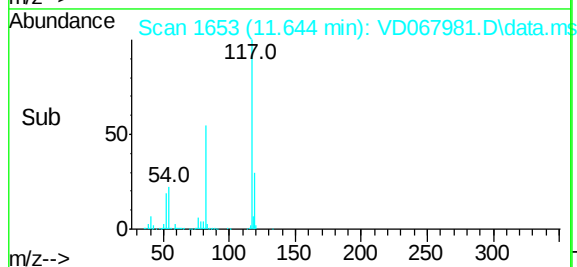
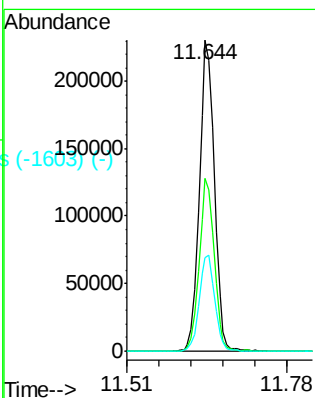
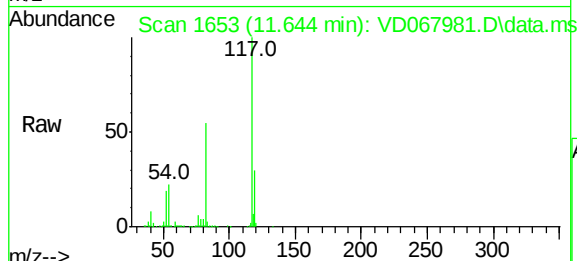




#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067981.D
Acq: 30 Dec 2020 17:55

Instrument :
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Tgt Ion:	117	Resp:	391856
Ion Ratio	Lower	Upper	
117	100		
82	55.4	45.4	68.0
119	29.9	26.7	40.1



#7173 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067981.D
Acq: 30 Dec 2020 17:55

Tgt Ion:	152	Resp:	156460
Ion Ratio	Lower	Upper	
152	100		
115	60.4	29.3	88.0
150	159.2	0.0	340.0

