

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123020\
 Data File : VD067980.D
 Acq On : 30 Dec 2020 17:28
 Operator : VA/SY
 Sample : L5242-12
 Misc : 5.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-6(444+26)VOC-GRAB

Quant Time: Dec 31 00:17:01 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	202892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	417090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	390333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	158585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	152859	69.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.54%
35) Dibromofluoromethane	7.914	113	151529	57.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.32%
50) Toluene-d8	10.344	98	534337	54.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.18%
62) 4-Bromofluorobenzene	12.632	95	153493	45.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.86%

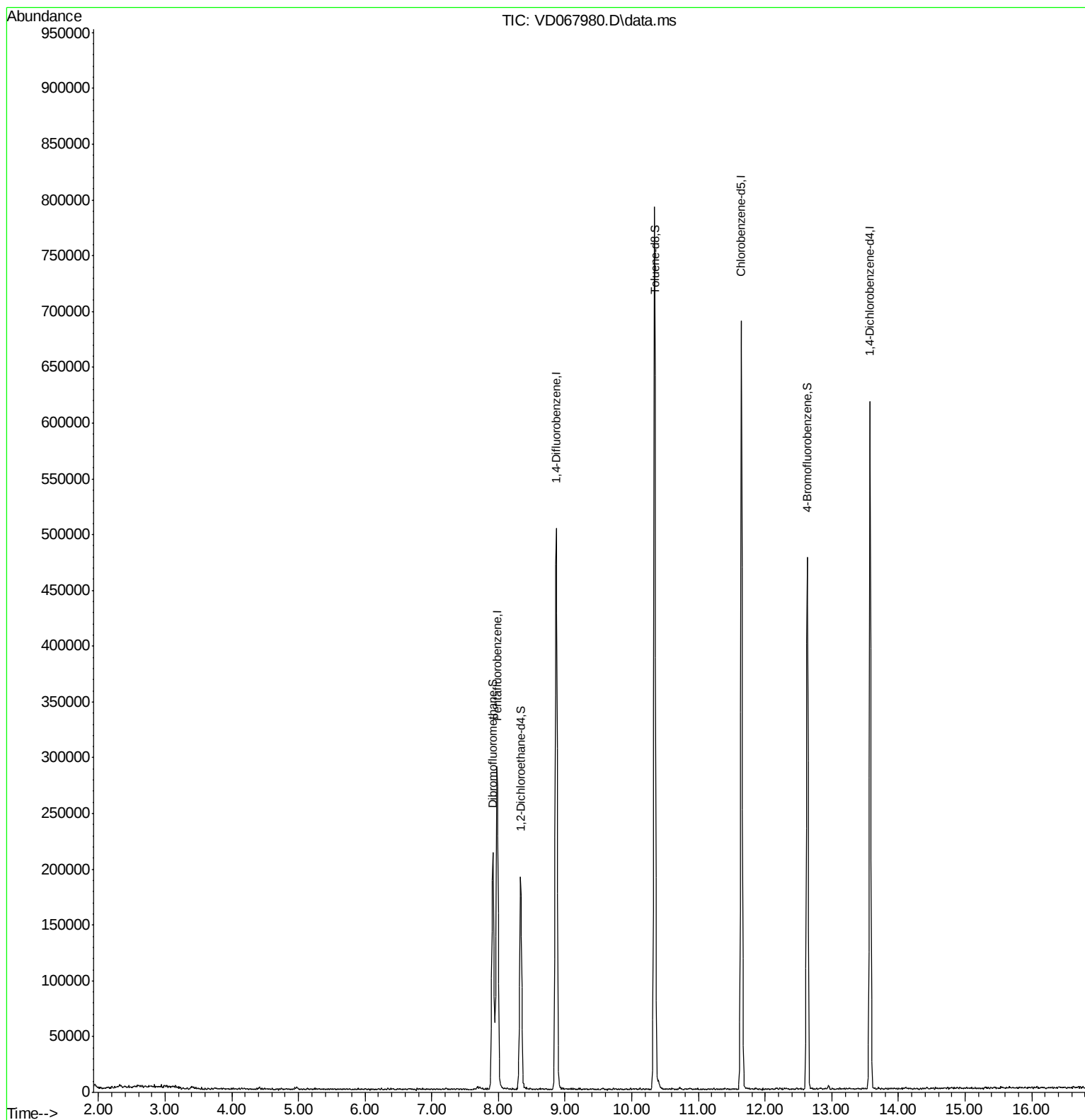
Target Compounds Qvalue

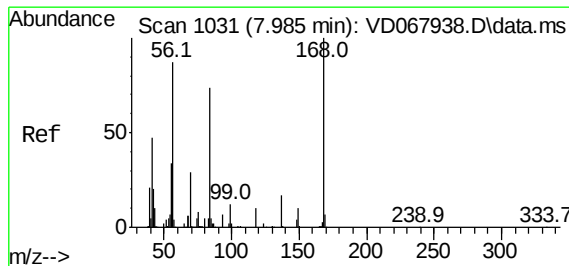
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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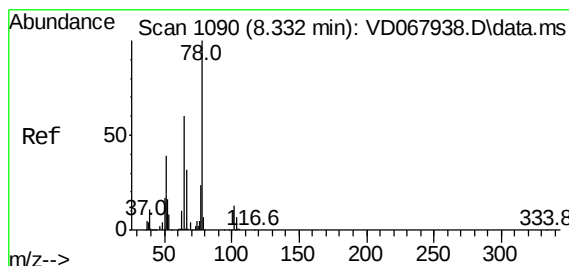
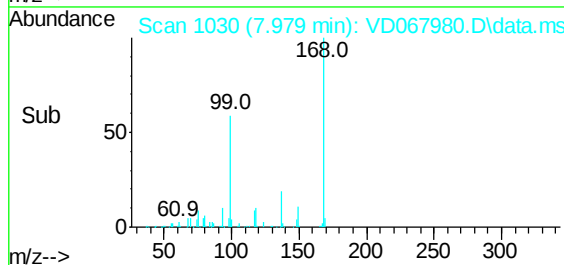
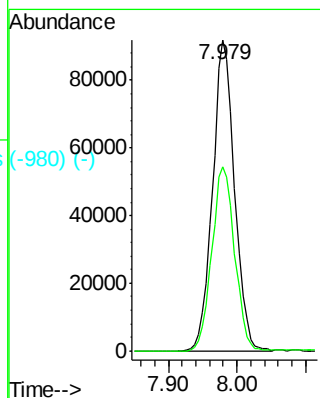
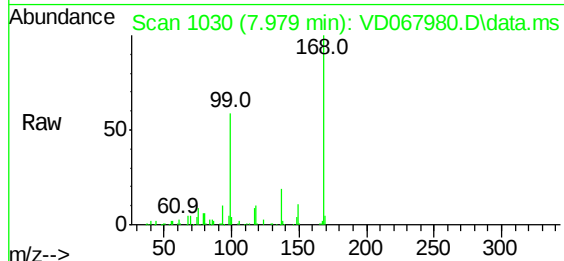




(-1019) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

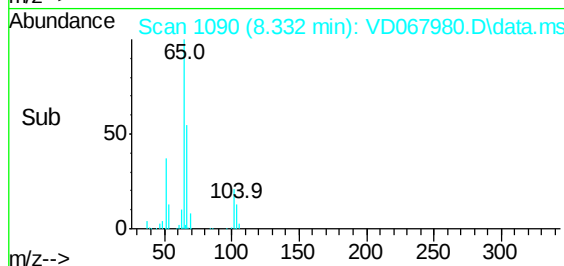
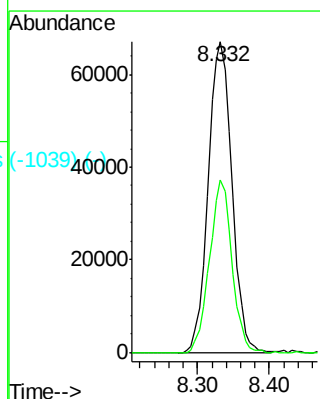
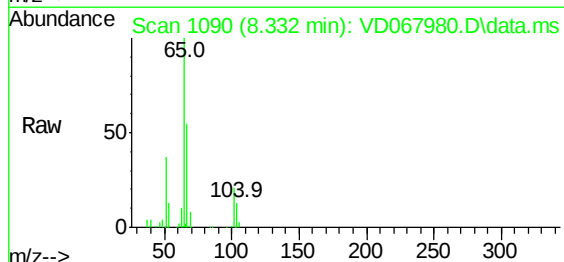
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-6(444+26)VOC-GRAB

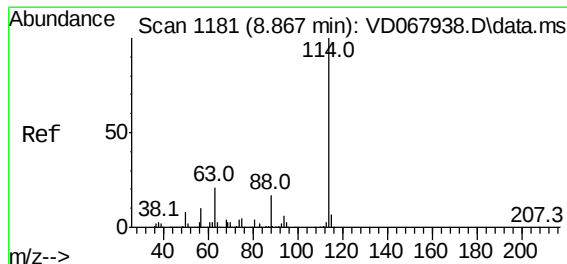
Tgt Ion:168 Resp: 202892
Ion Ratio Lower Upper
168 100
99 59.1 48.0 72.0



(-1030) (-)
1,2-Dichloroethane-d4
Concen: 69.77 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion: 65 Resp: 152859
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.0

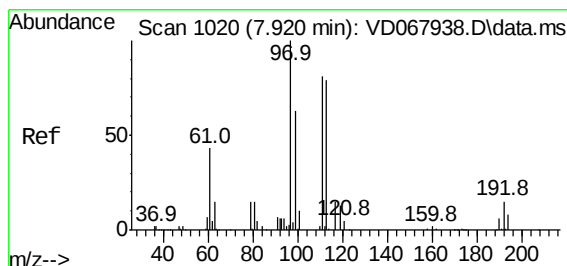
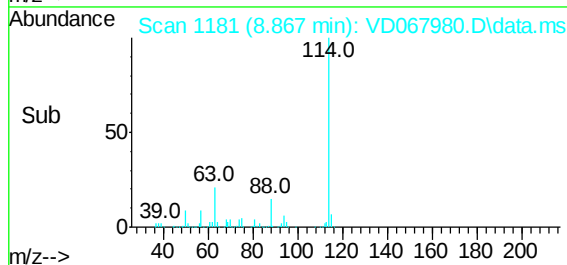
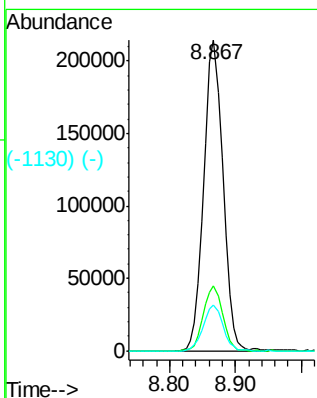
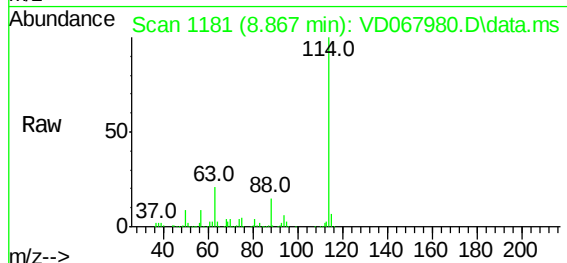




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

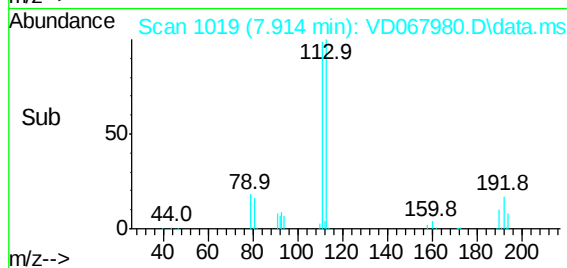
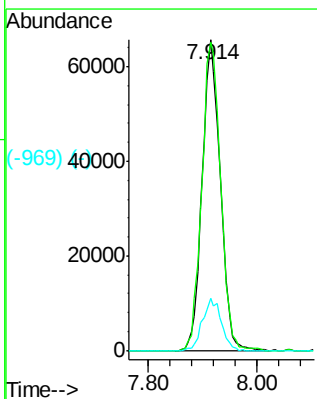
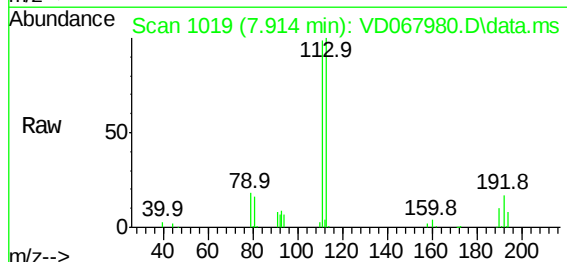
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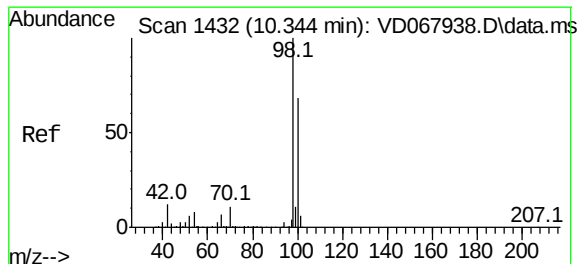
Tgt Ion:	114	Resp:	417090
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	41.4
88	14.5	0.0	33.2



Dibromofluoromethane
Concen: 57.66 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion:	113	Resp:	151529
Ion Ratio	Lower	Upper	
113	100		
111	103.5	79.3	118.9
192	17.2	14.5	21.7

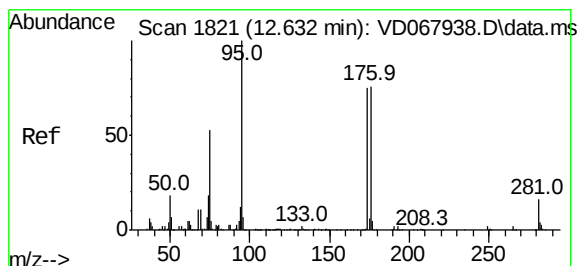
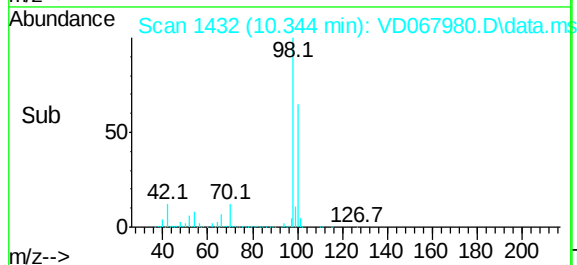
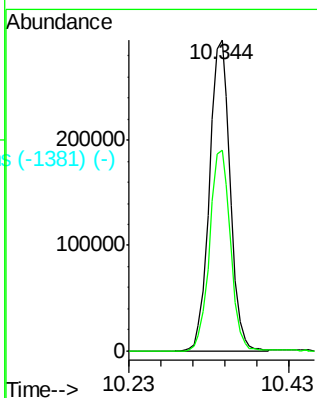
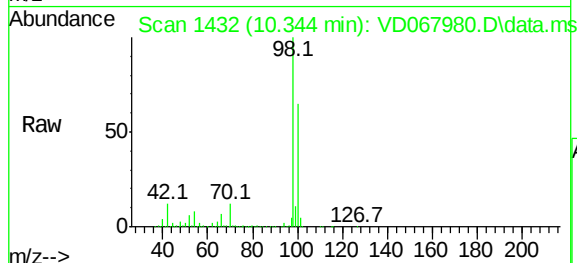




#5022 (-)
Toluene-d8
Concen: 54.09 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

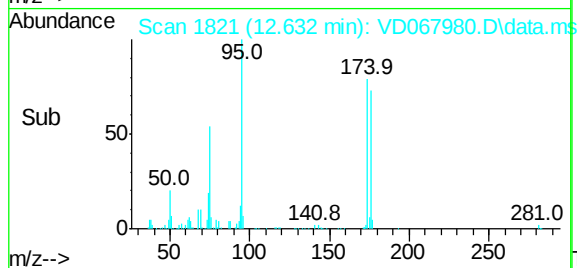
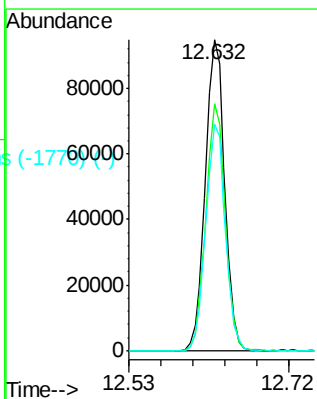
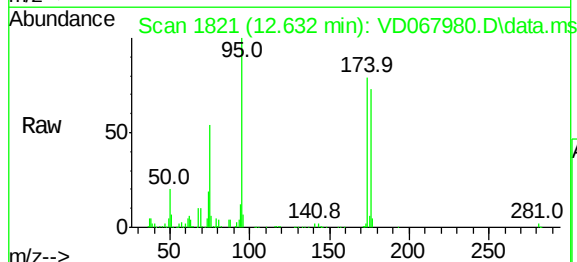
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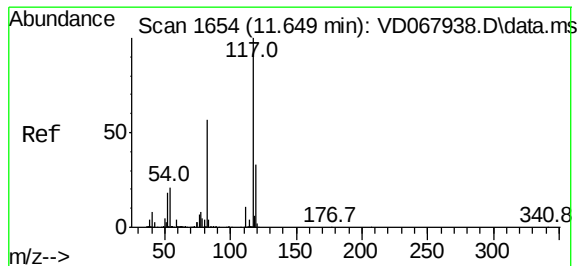
Tgt Ion: 98 Resp: 534337
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#6213 (-)
4-Bromofluorobenzene
Concen: 45.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion: 95 Resp: 153493
Ion Ratio Lower Upper
95 100
174 79.8 0.0 150.6
176 73.6 0.0 151.2

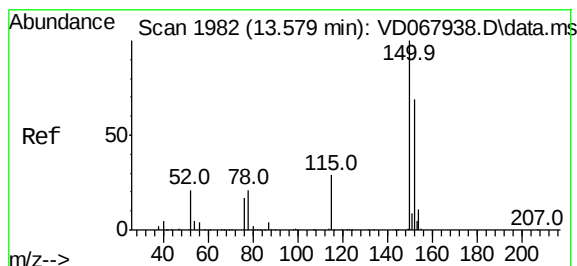
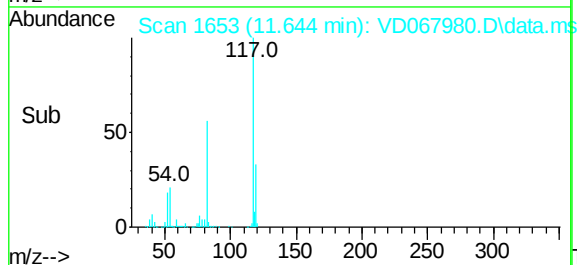
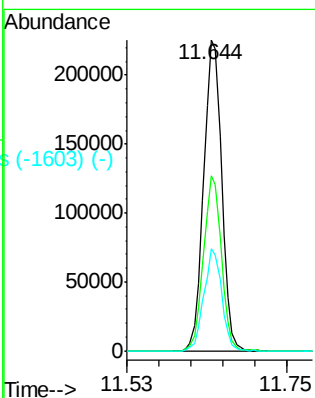
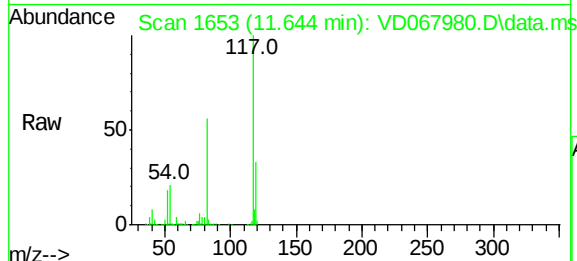




#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Instrument :
MSVOA_D
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SAMPLE-6(444+26)VOC-GRAB

Tgt Ion:117 Resp: 390333
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 33.0 26.7 40.1



#1873 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067980.D
Acq: 30 Dec 2020 17:28

Tgt Ion:152 Resp: 158585
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 155.4 0.0 340.0

