

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067994.D
 Acq On : 04 Jan 2021 16:54
 Operator : VA/SY
 Sample : M1005-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jan 05 00:09:52 2021
 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	19493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	35656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	38475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	15511	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.338	65	21112	100.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	200.60%#
35) Dibromofluoromethane	7.920	113	15362	68.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.76%
50) Toluene-d8	10.344	98	46451	55.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.02%
62) 4-Bromofluorobenzene	12.632	95	14698	50.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.76%

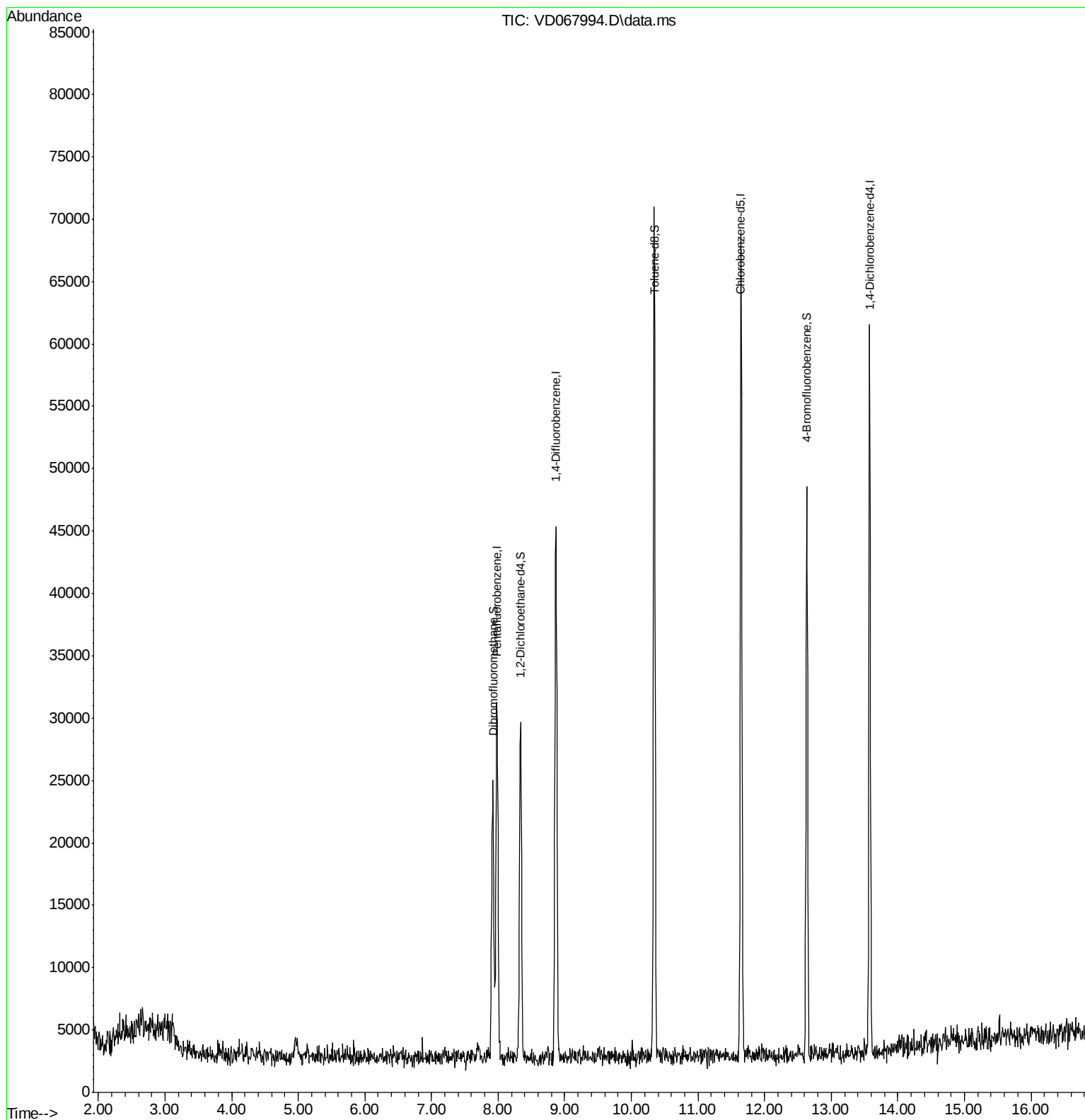
Target Compounds Qvalue

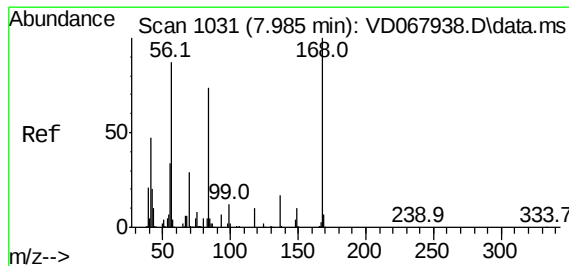
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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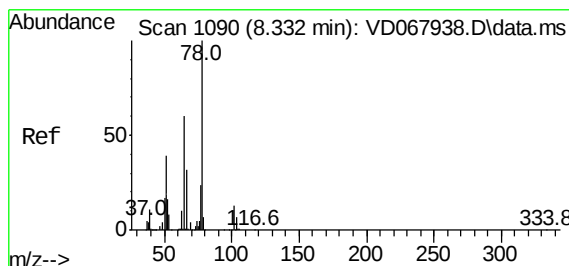
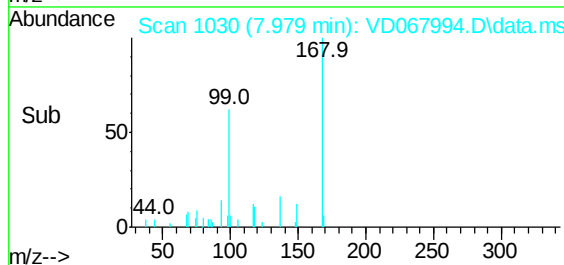
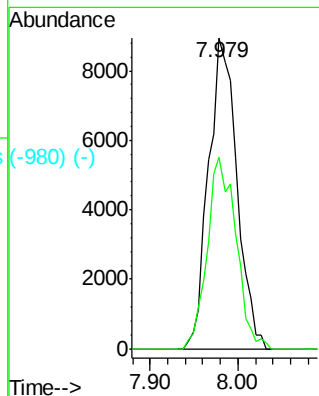
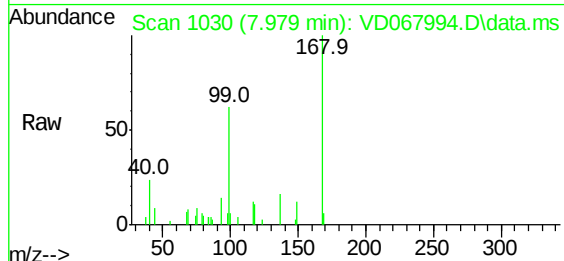




(-1019) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

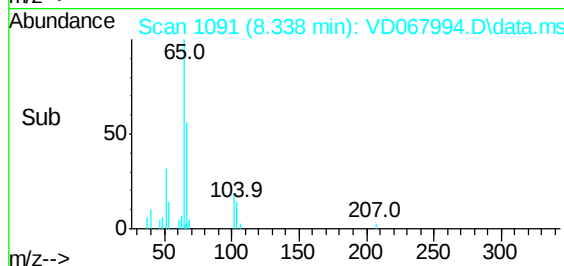
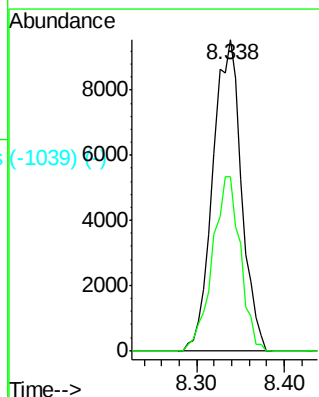
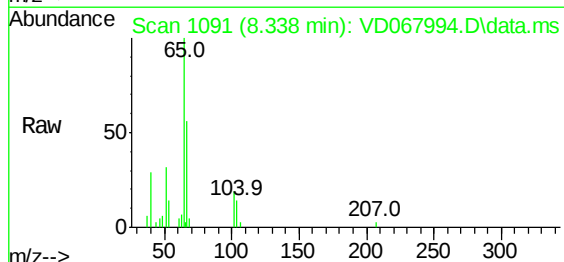
Instrument :
MSVOA_D
ClientSampleId :
VOC

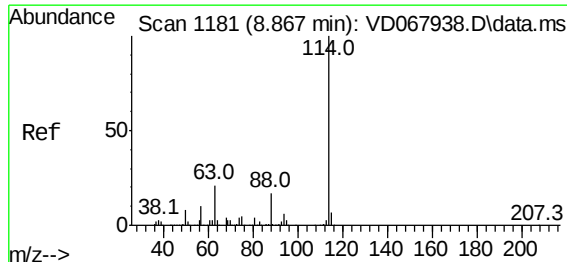
Tgt Ion:168 Resp: 19493
Ion Ratio Lower Upper
168 100
99 61.6 48.0 72.0



(-1030) (-)
1,2-Dichloroethane-d4
Concen: 100.30 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Tgt Ion: 65 Resp: 21112
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.0

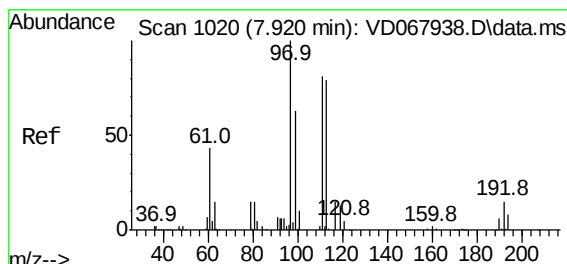
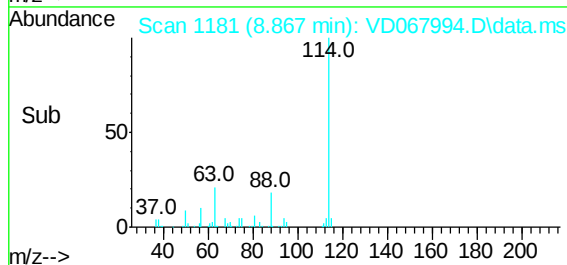
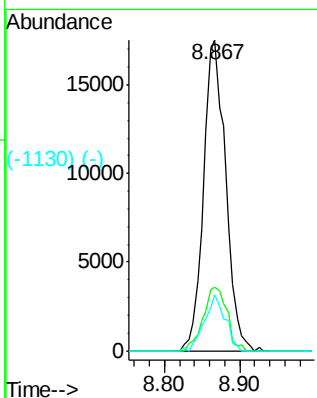
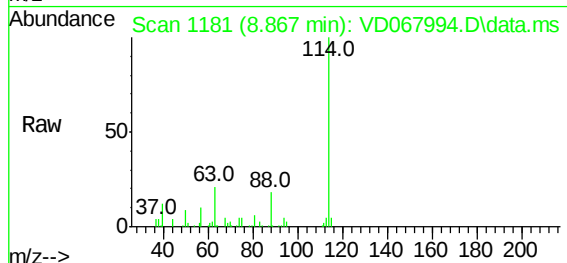




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

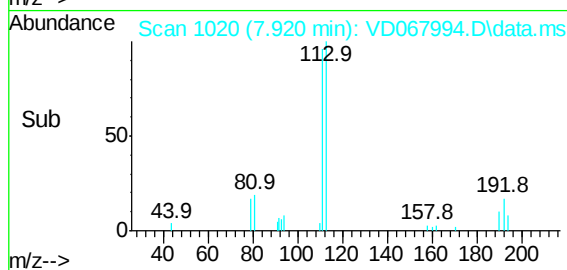
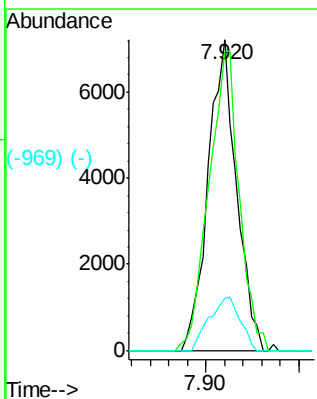
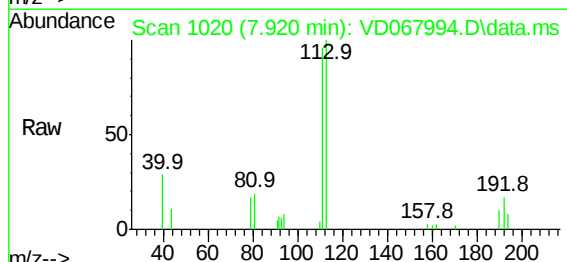
Instrument :
MSVOA_D
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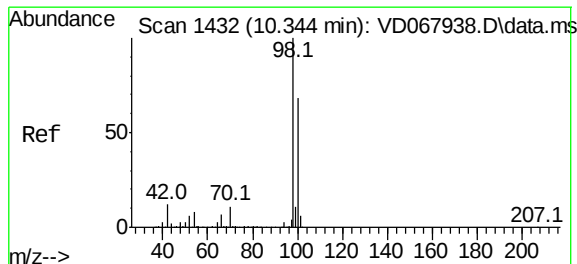
Tgt Ion:	114	Resp:	35656
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	41.4
88	18.1	0.0	33.2



Dibromofluoromethane
Concen: 68.38 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Tgt Ion:	113	Resp:	15362
Ion Ratio	Lower	Upper	
113	100		
111	102.9	79.3	118.9
192	18.6	14.5	21.7

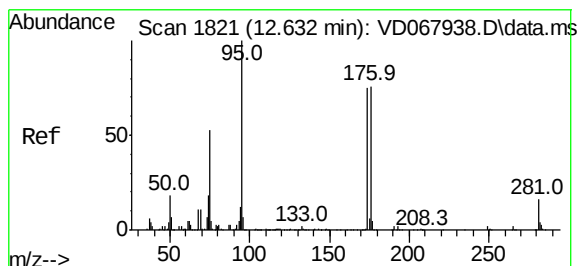
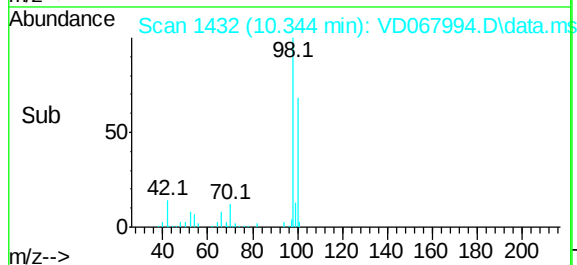
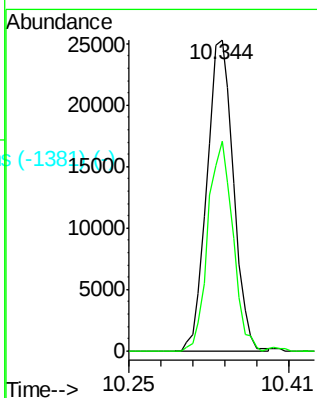
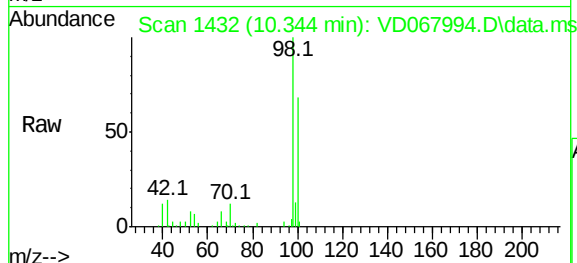




#5022 (-)
Toluene-d8
Concen: 55.01 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

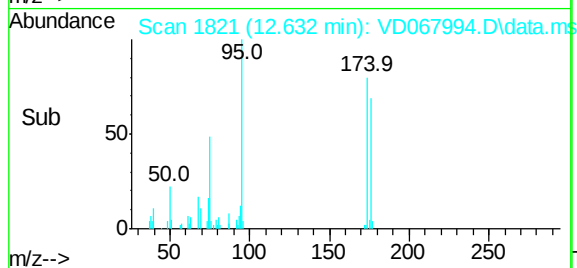
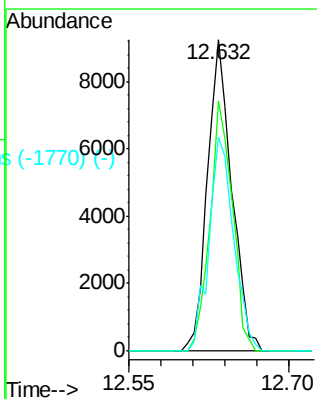
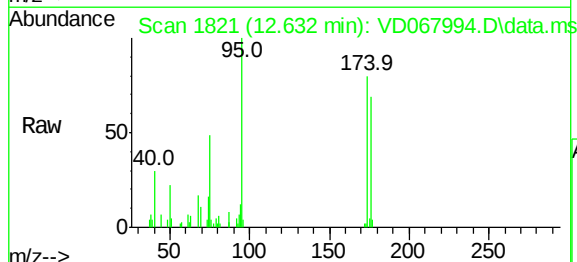
Instrument :
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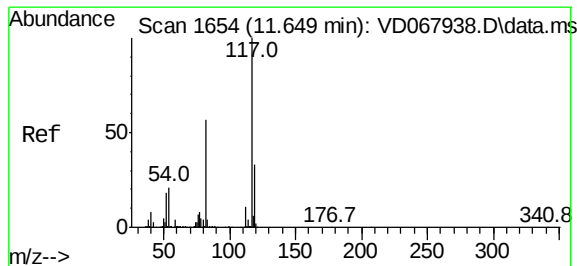
Tgt Ion: 98 Resp: 46451
Ion Ratio Lower Upper
98 100
100 63.5 52.5 78.7



#6213 (-)
4-Bromofluorobenzene
Concen: 50.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Tgt Ion: 95 Resp: 14698
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.6
176 69.8 0.0 151.2

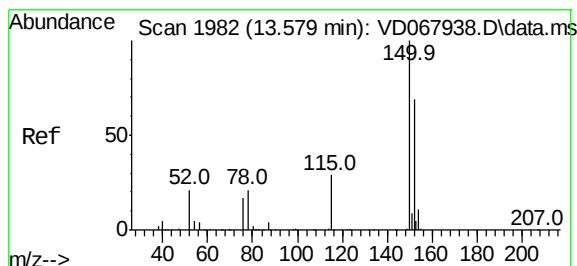
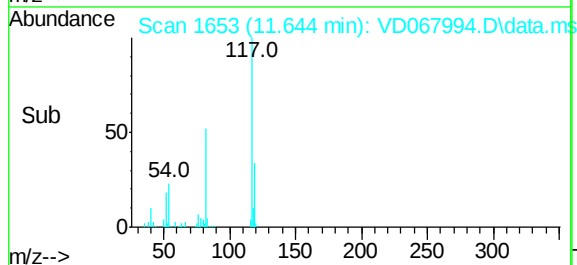
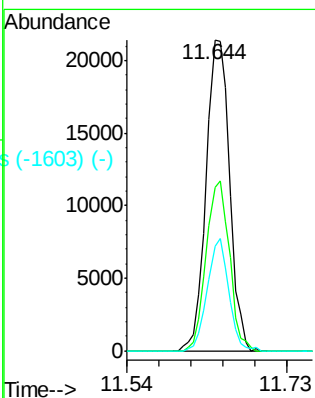
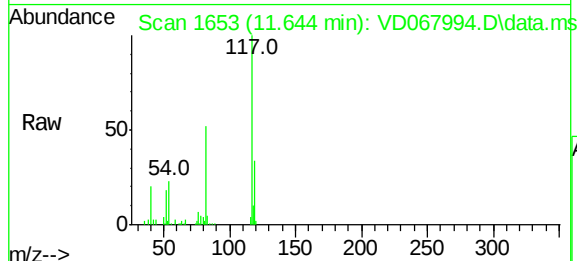




#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067994.D
Acq: 04 Jan 2021 16:54

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:	117	Resp:	38475
Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.4	68.0
119	33.5	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: VD067994.D
Acq: 04 Jan 2021 16:54

Tgt Ion:	152	Resp:	15511
Ion	Ratio	Lower	Upper
152	100		
115	53.9	29.3	88.0
150	154.9	0.0	340.0

