

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010521\
 Data File : VD068002.D
 Acq On : 05 Jan 2021 12:06
 Operator : VA/SY
 Sample : M1005-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jan 06 00:15:42 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	33657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	58788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	63502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	25730	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	33285	91.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	183.16%#
35) Dibromofluoromethane	7.920	113	24338	65.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.40%
50) Toluene-d8	10.344	98	76236	54.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.52%
62) 4-Bromofluorobenzene	12.638	95	24148	50.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.40%

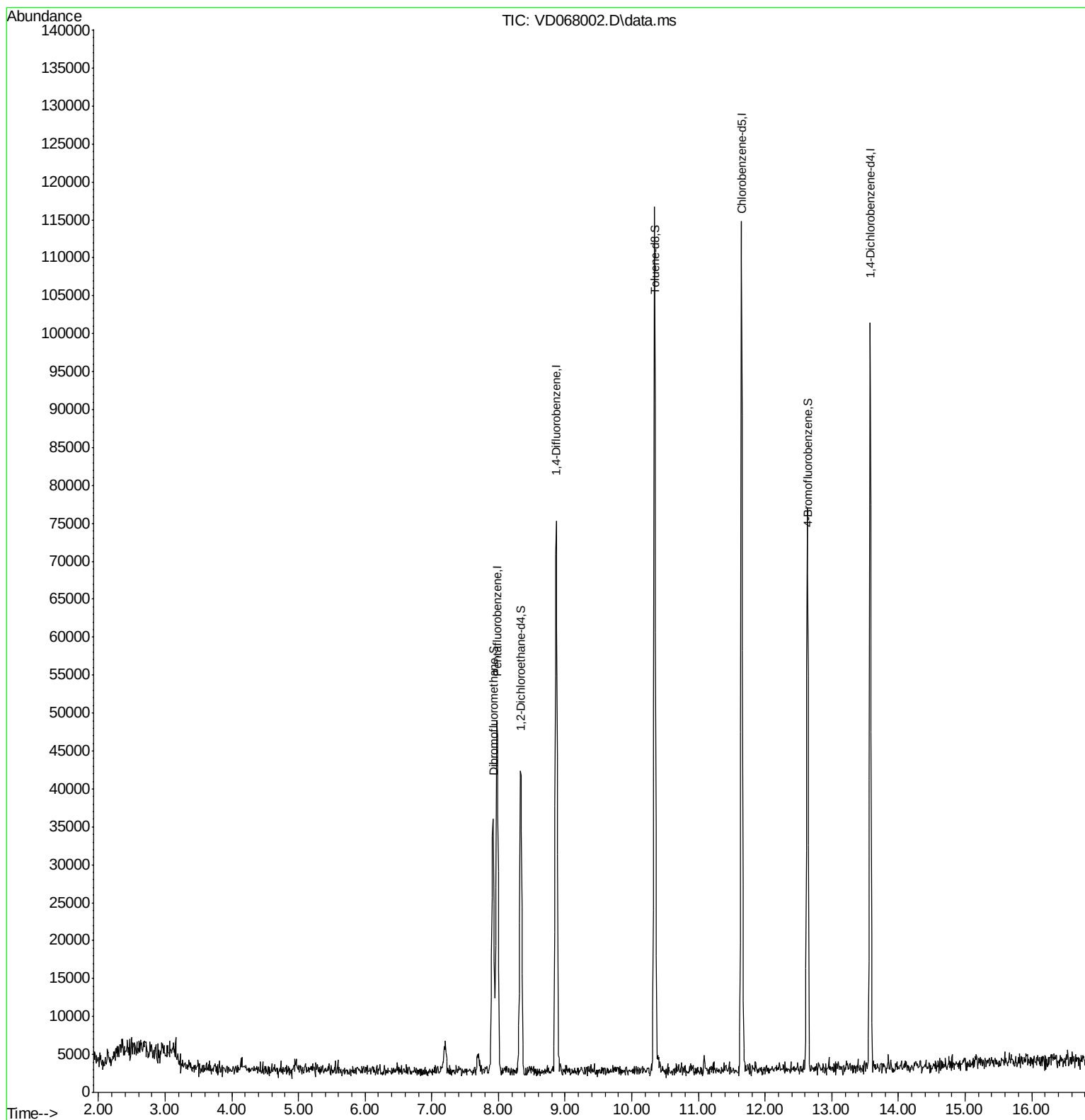
Target Compounds	Qvalue

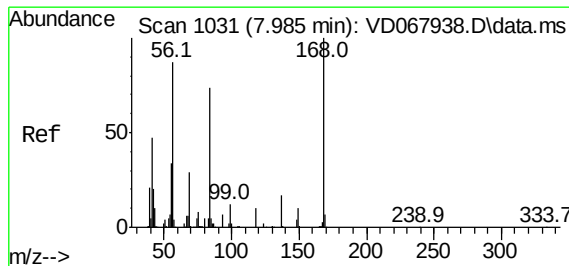
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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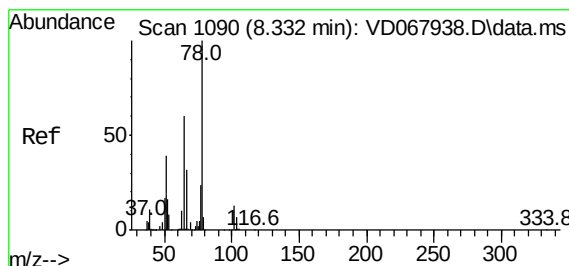
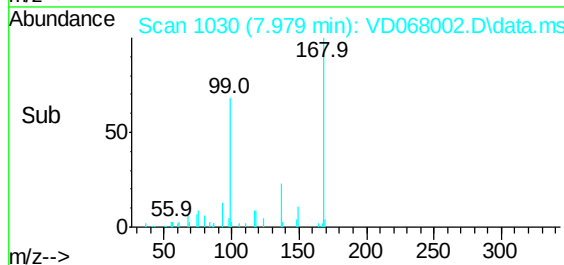
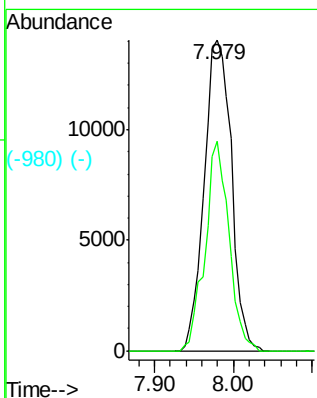
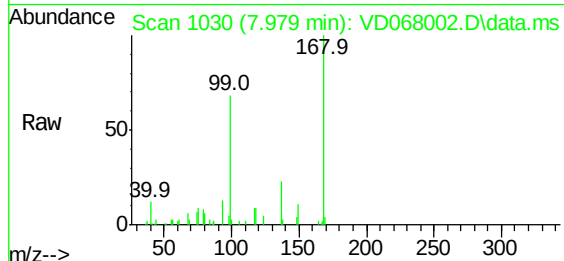




(-1019) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068002.D
Acq: 05 Jan 2021 12:06

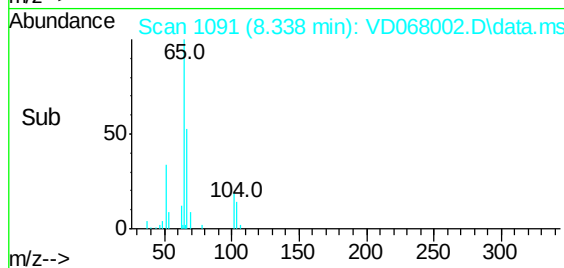
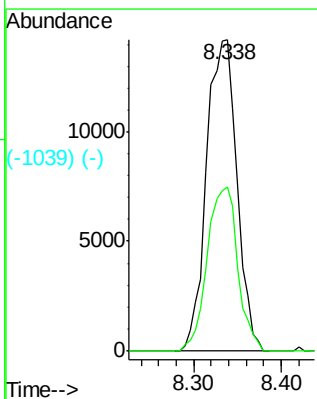
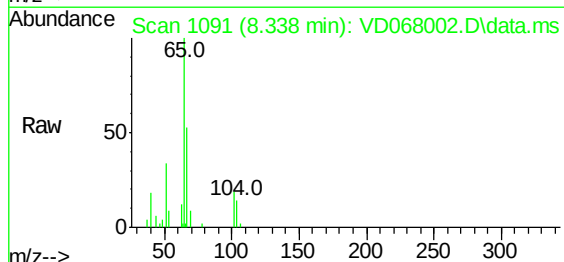
Instrument :
MSVOA_D
ClientSampleID :
VOC

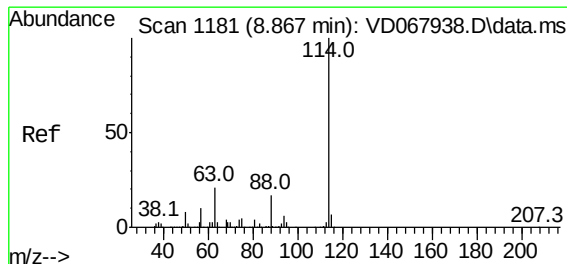
Tgt Ion:168 Resp: 33657
Ion Ratio Lower Upper
168 100
99 67.5 48.0 72.0



(-1030) (-)
1,2-Dichloroethane-d4
Concen: 91.58 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068002.D
Acq: 05 Jan 2021 12:06

Tgt Ion: 65 Resp: 33285
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.0

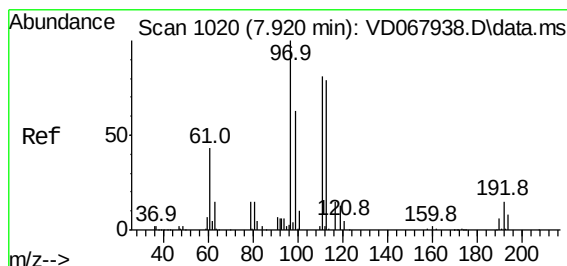
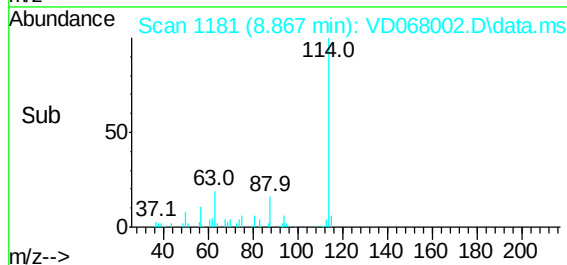
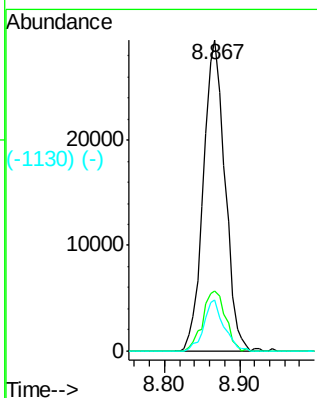
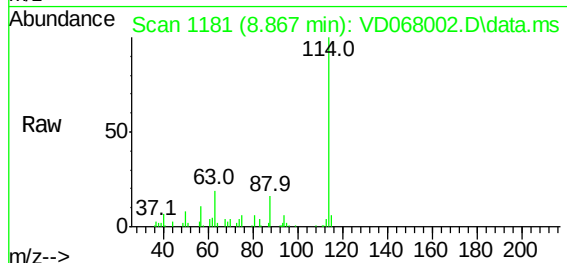




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068002.D
Acq: 05 Jan 2021 12:06

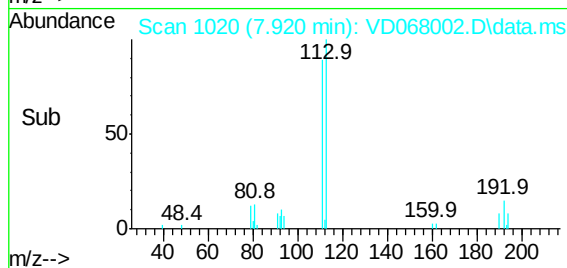
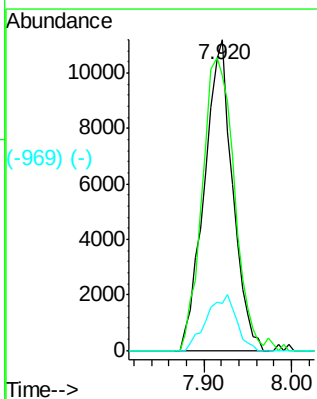
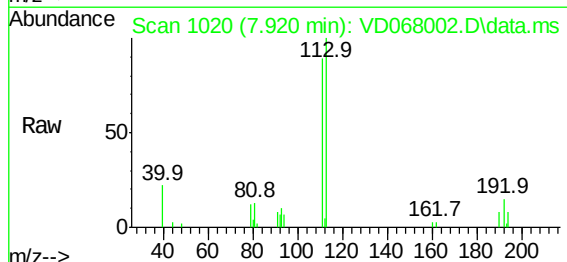
Instrument :
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VOC

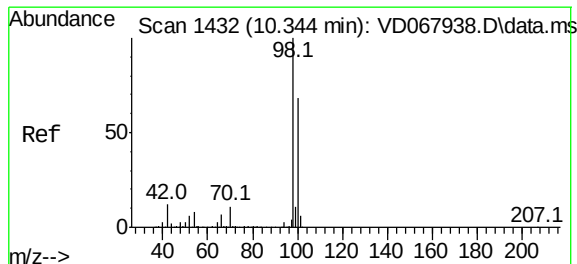
Tgt Ion:	114	Resp:	58788
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	41.4
88	16.4	0.0	33.2



Dibromofluoromethane
Concen: 65.70 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068002.D
Acq: 05 Jan 2021 12:06

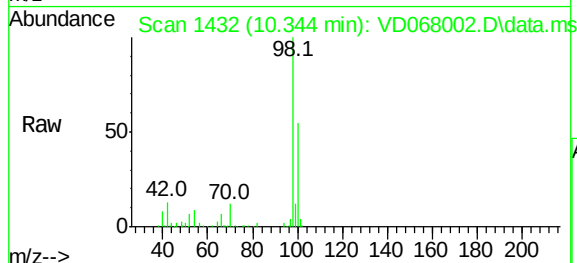
Tgt Ion:	113	Resp:	24338
Ion Ratio	Lower	Upper	
113	100		
111	106.6	79.3	118.9
192	18.6	14.5	21.7



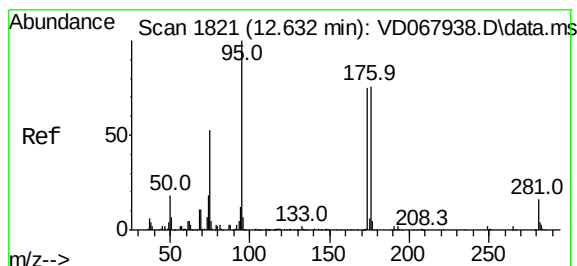
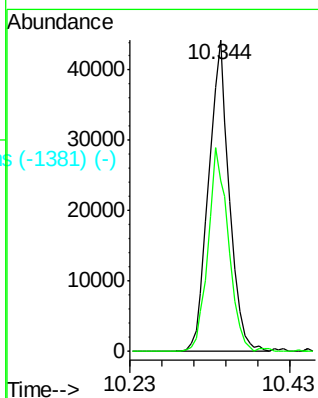
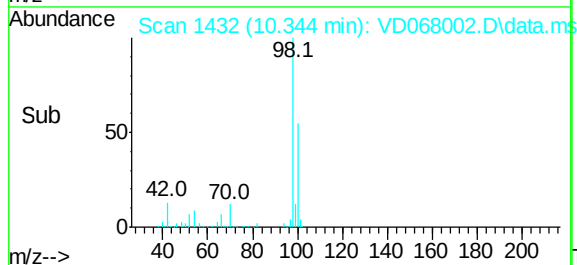


Toluene-d8
Concen: 54.76 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068002.D
Acq: 05 Jan 2021 12:06

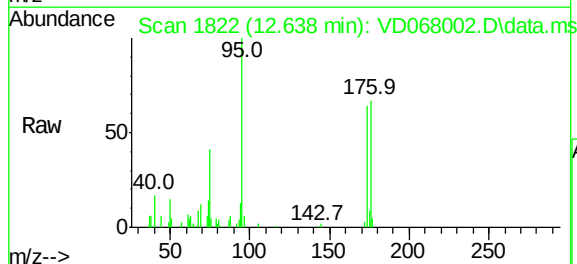
Instrument :
MSVOA_D
ClientSampleId :
VOC



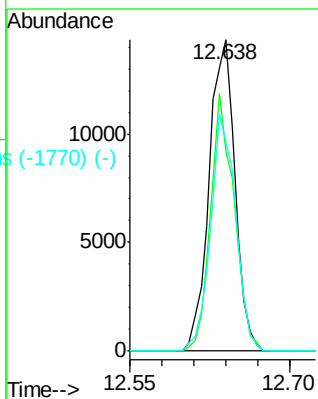
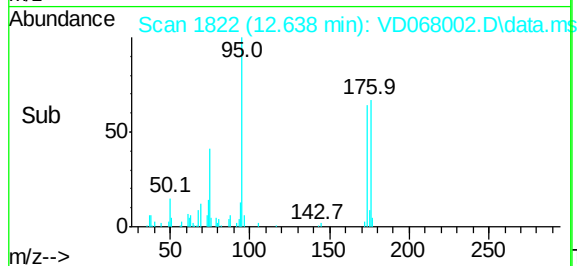
Tgt Ion: 98 Resp: 76236
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7

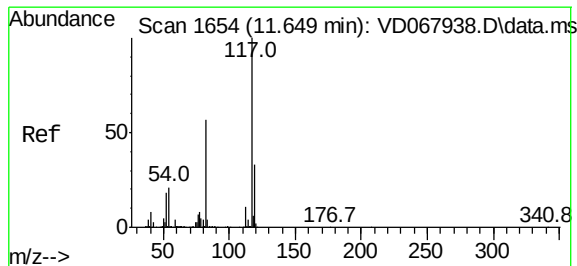


4-Bromofluorobenzene
Concen: 50.70 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068002.D
Acq: 05 Jan 2021 12:06



Tgt Ion: 95 Resp: 24148
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.6
176 74.0 0.0 151.2

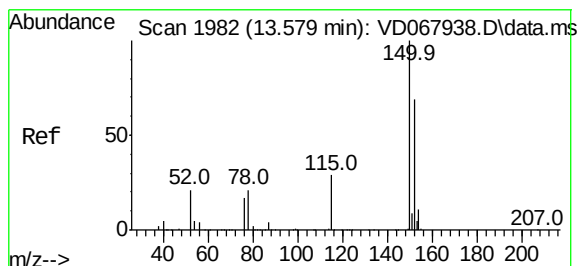
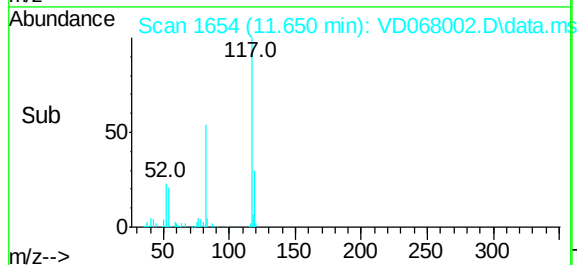
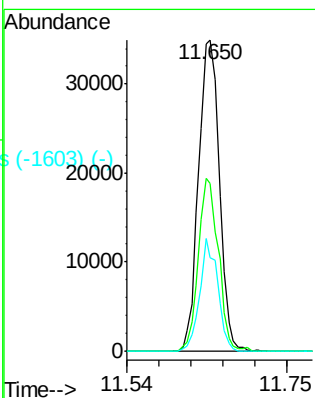
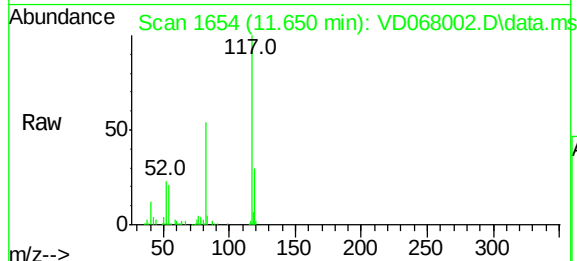




#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068002.D
Acq: 05 Jan 2021 12:06

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:	117	Resp:	63502
Ion Ratio	Lower	Upper	
117	100		
82	54.0	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: VD068002.D
Acq: 05 Jan 2021 12:06

Tgt Ion:	152	Resp:	25730
Ion Ratio	Lower	Upper	
152	100		
115	59.4	29.3	88.0
150	155.2	0.0	340.0

