

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068386.D
 Acq On : 17 Feb 2021 16:41
 Operator : VA/SY
 Sample : M1440-02
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-227-233-B

Quant Time: Feb 18 00:13:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	390874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	768145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	712720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	304524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	244510	61.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.38%	
35) Dibromofluoromethane	7.914	113	238865	52.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.78%	
50) Toluene-d8	10.344	98	982129	51.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.94%	
62) 4-Bromofluorobenzene	12.632	95	309427	50.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.54%	

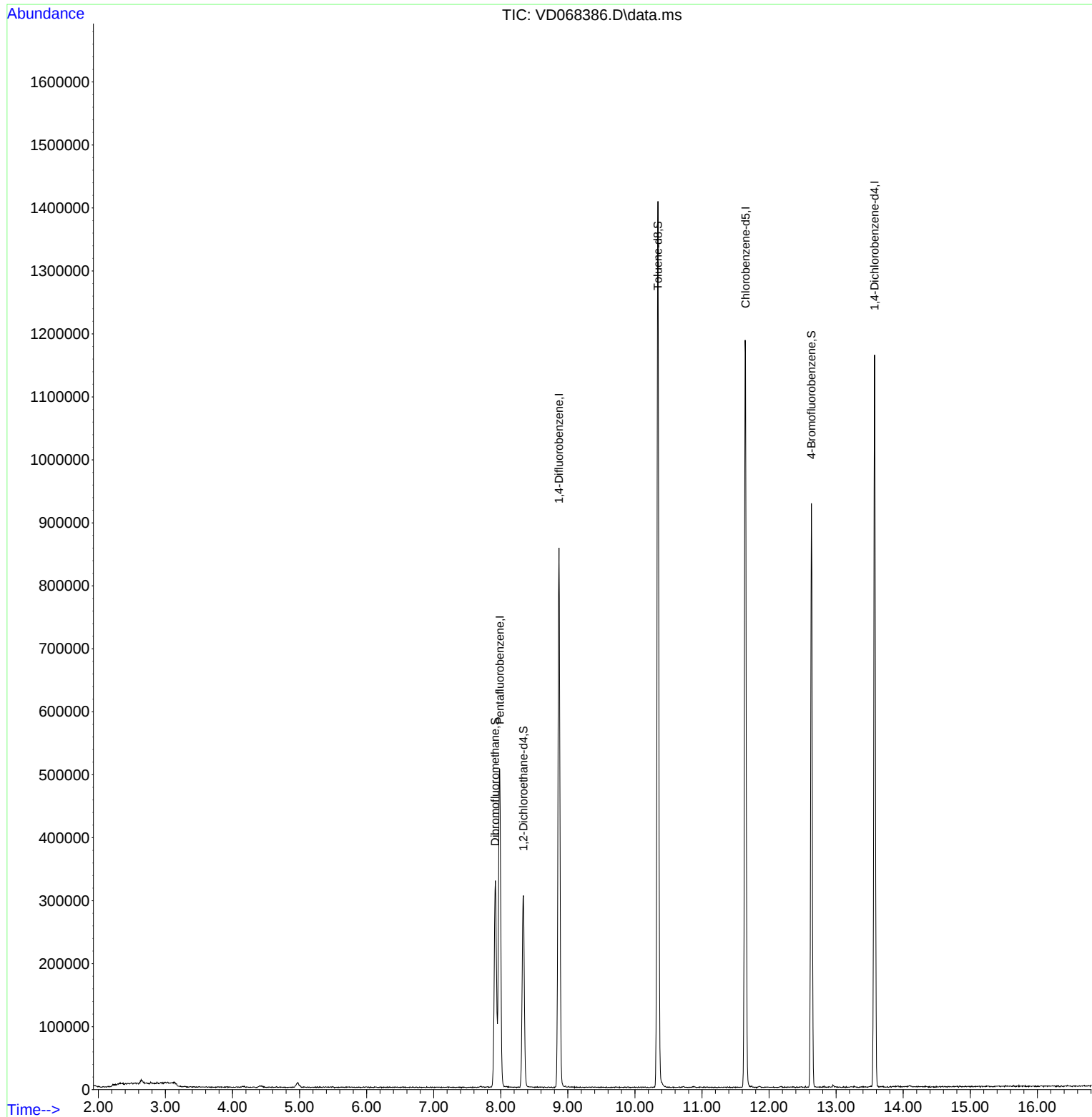
Target Compounds	Qvalue

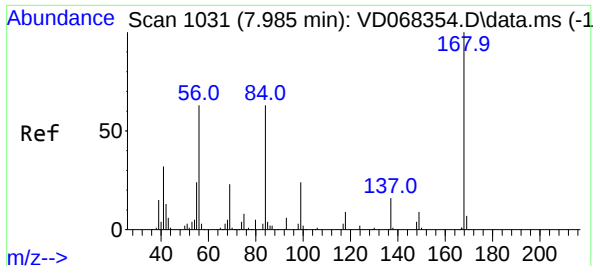
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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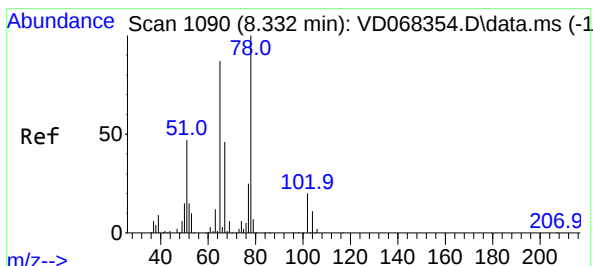
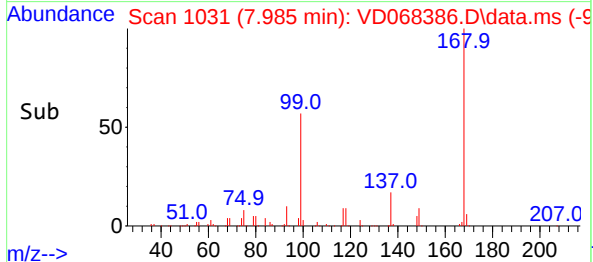
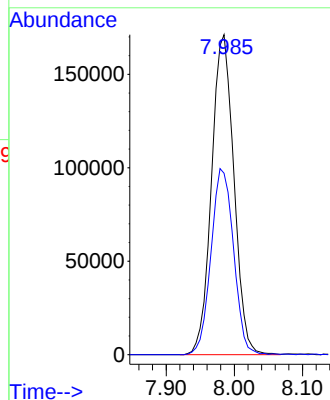
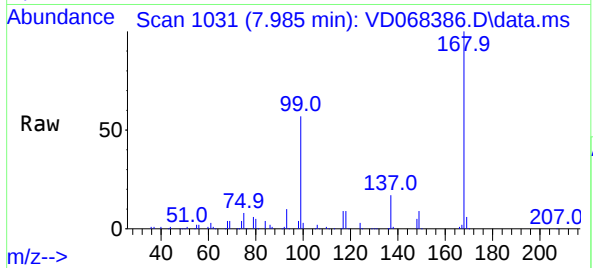




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

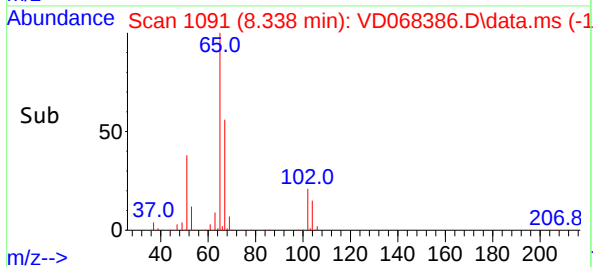
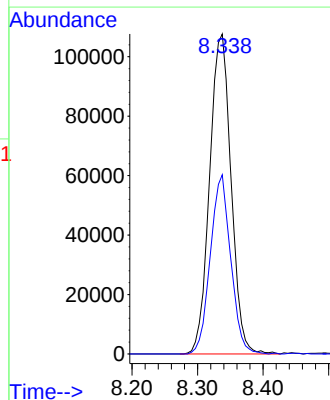
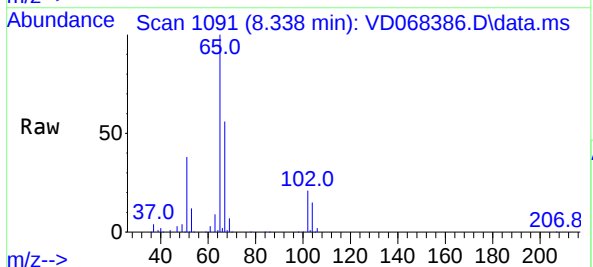
Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-B

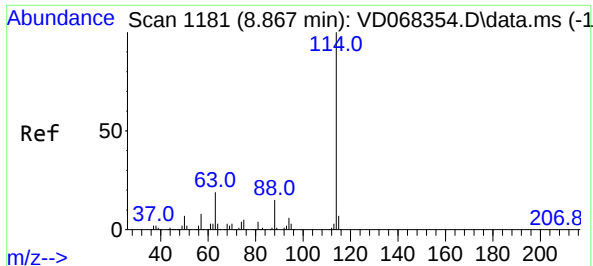
Tgt Ion:168 Resp: 390874
Ion Ratio Lower Upper
168 100
99 56.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 61.19 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Tgt Ion: 65 Resp: 244510
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



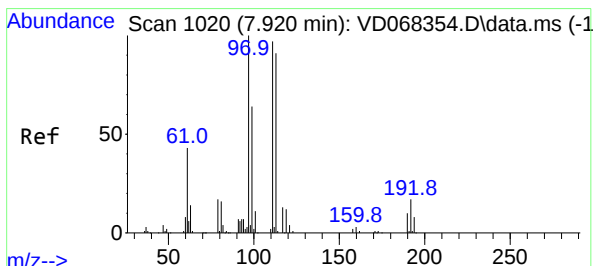
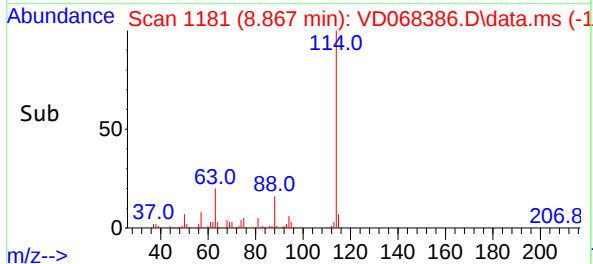
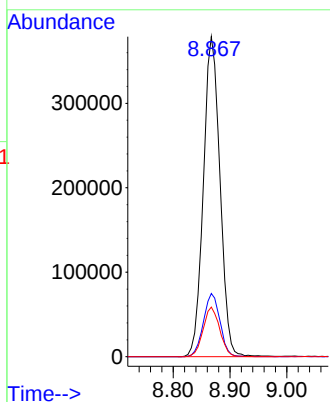
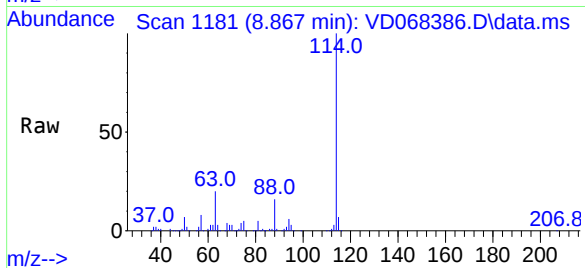


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-B

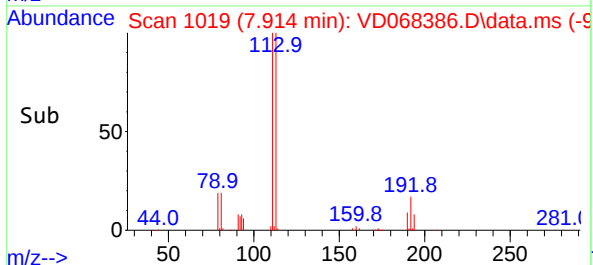
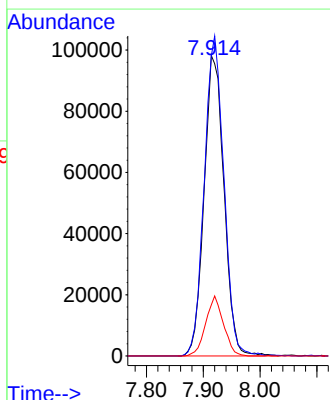
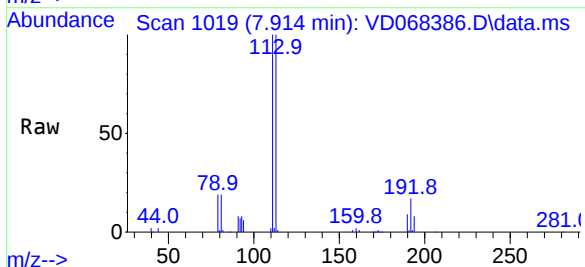
Tgt Ion:	114	Resp:	768145
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	34.8
88	15.5	0.0	31.6

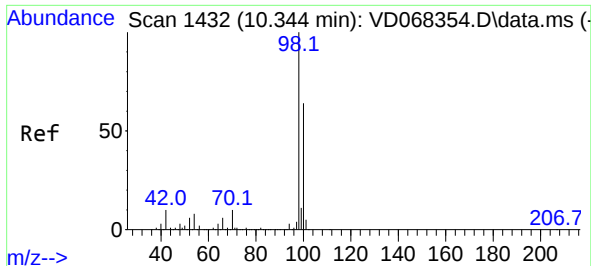


#35

Dibromofluoromethane
Concen: 52.39 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Tgt Ion:	113	Resp:	238865
Ion Ratio	Lower	Upper	
113	100		
111	104.8	81.4	122.0
192	17.8	16.1	24.1

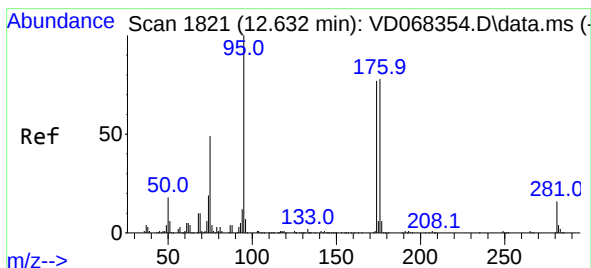
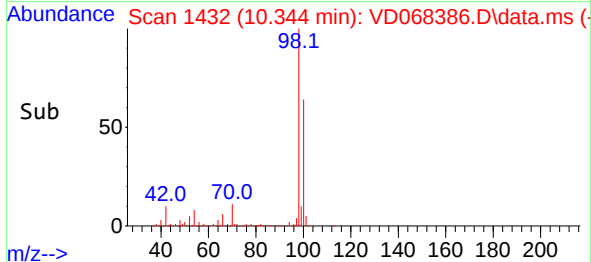
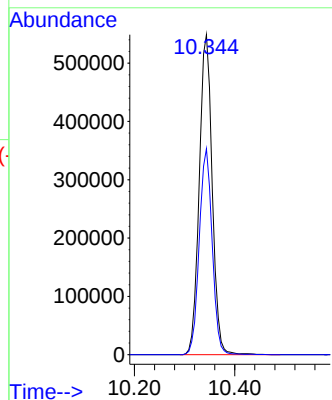
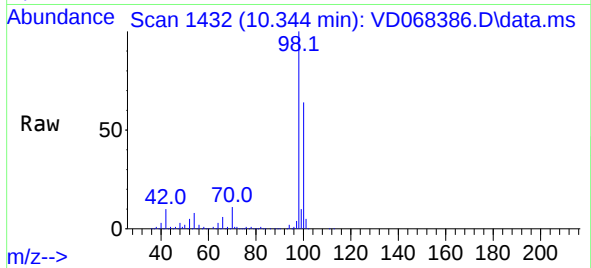




#50
Toluene-d8
Concen: 51.97 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

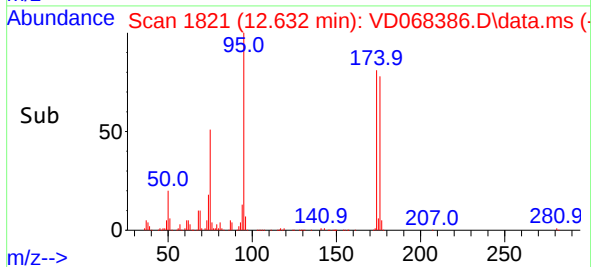
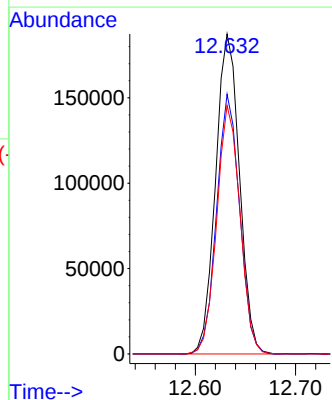
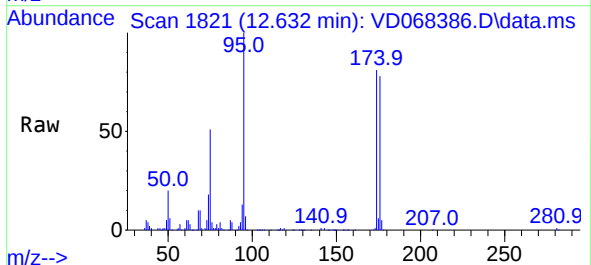
Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-B

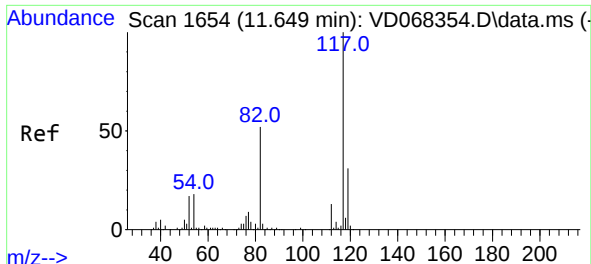
Tgt Ion: 98 Resp: 982129
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Tgt Ion: 95 Resp: 309427
Ion Ratio Lower Upper
95 100
174 78.3 0.0 172.4
176 75.6 0.0 168.4

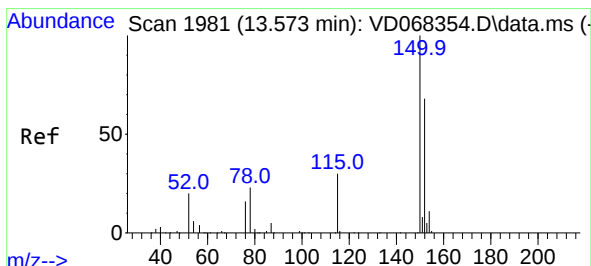
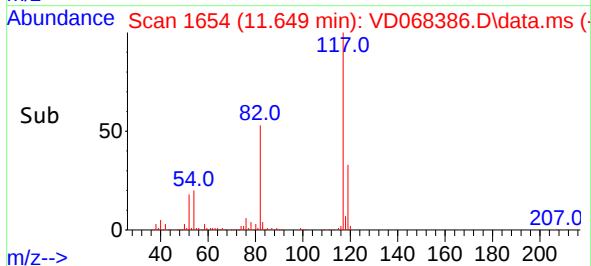
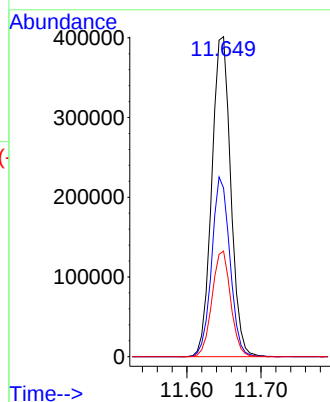
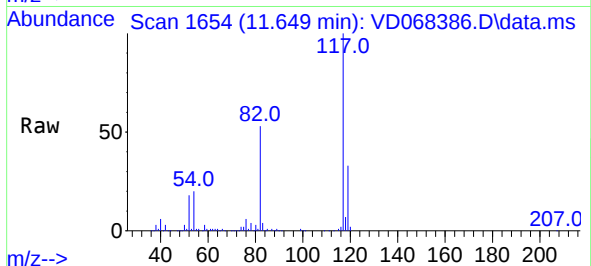




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Instrument :
MSVOA_D
ClientSampleID :
SP-227-233-B

Tgt Ion:	117	Resp:	712720
Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.4	62.0
119	33.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Tgt Ion:	152	Resp:	304524
Ion	Ratio	Lower	Upper
152	100		
115	60.2	28.9	86.8
150	160.0	0.0	344.4

