

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068990.D
 Acq On : 26 Apr 2021 16:01
 Operator : VA/SY
 Sample : M2170-03
 Misc : 9.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-1

Quant Time: Apr 27 07:13:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	267069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	461750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	550692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260259	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	121699	43.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.24%
35) Dibromofluoromethane	7.920	113	153082	50.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.94%
50) Toluene-d8	10.338	98	597149	52.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.42%
62) 4-Bromofluorobenzene	12.632	95	250521	66.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.16%

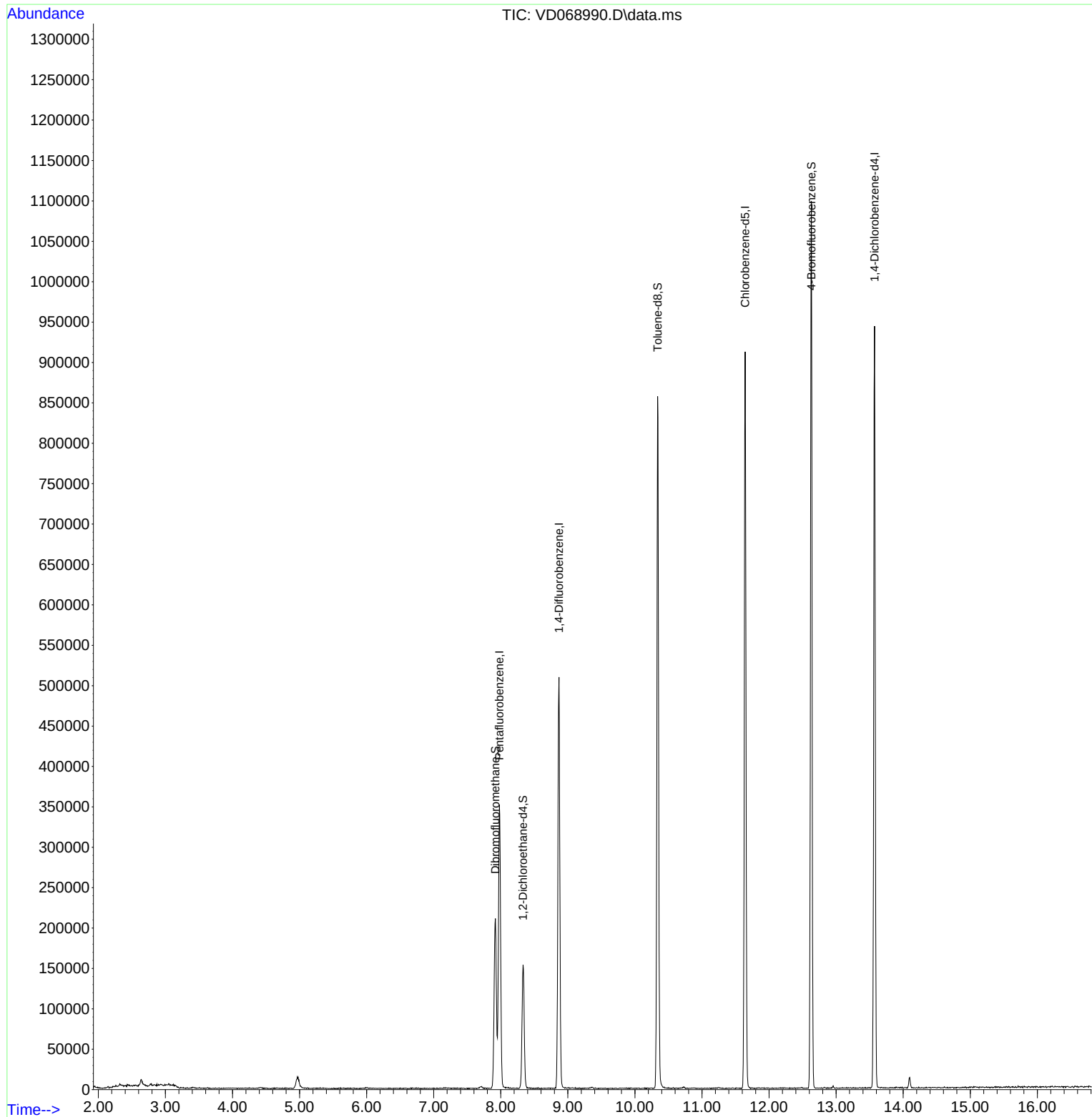
Target Compounds	Qvalue

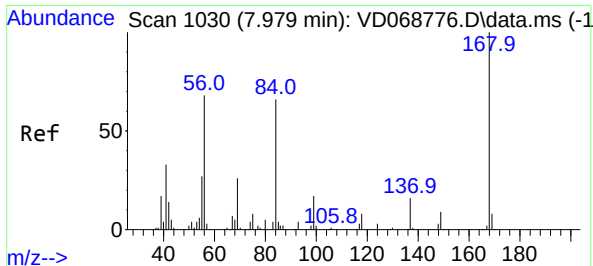
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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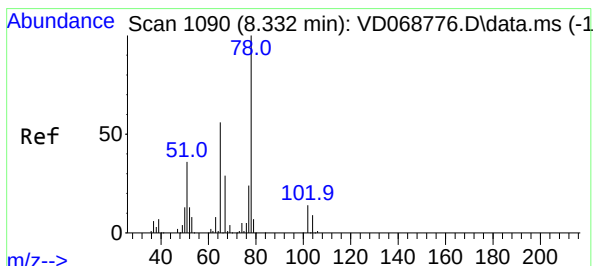
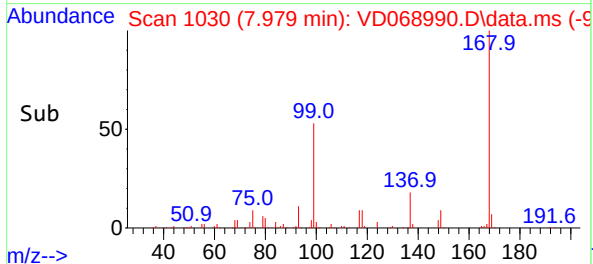
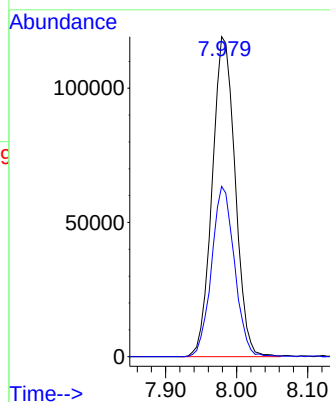
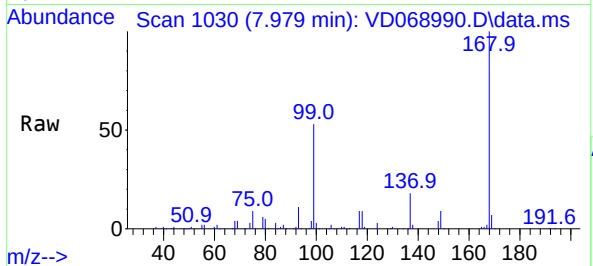




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068990.D
Acq: 26 Apr 2021 16:01

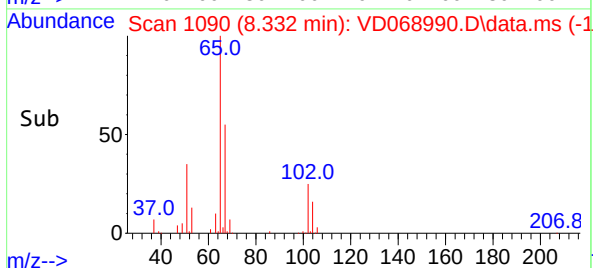
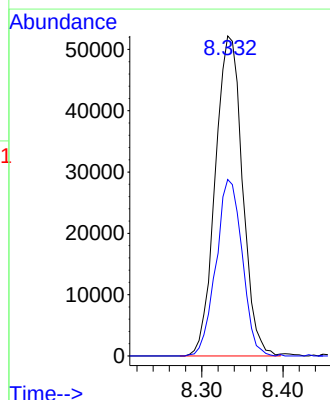
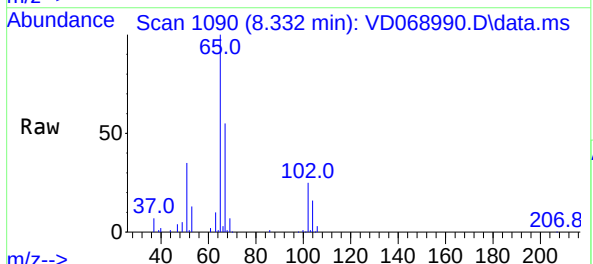
Instrument :
MSVOA_D
ClientSampled :
CS-1

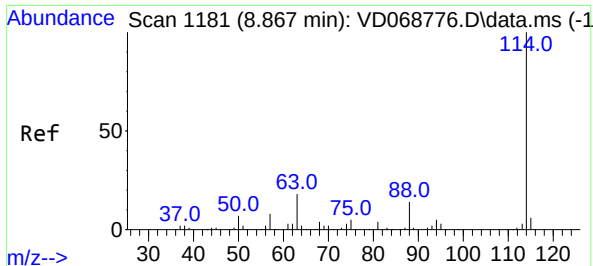
Tgt Ion:168 Resp: 267069
Ion Ratio Lower Upper
168 100
99 53.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 43.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068990.D
Acq: 26 Apr 2021 16:01

Tgt Ion: 65 Resp: 121699
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0

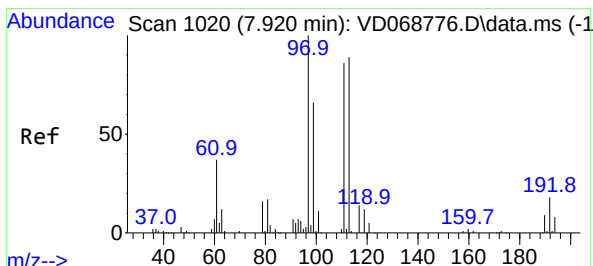
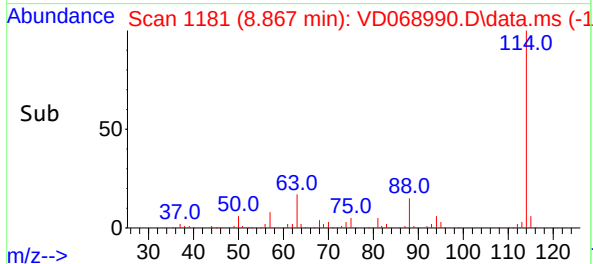
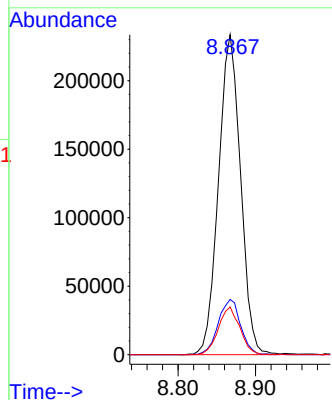
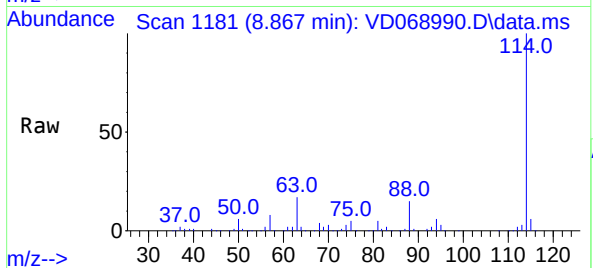




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068990.D
Acq: 26 Apr 2021 16:01

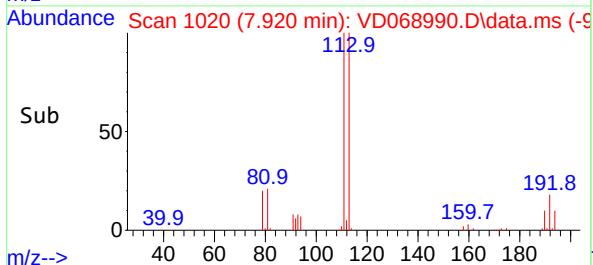
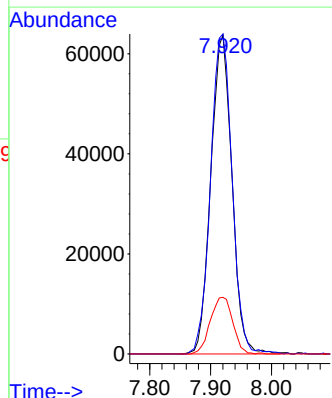
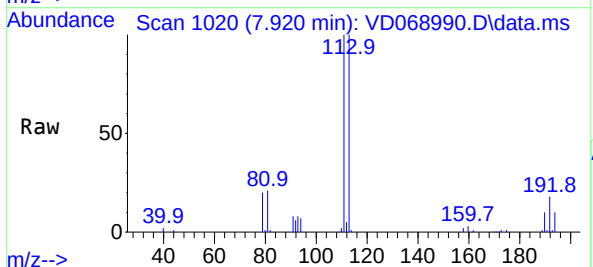
Instrument :
MSVOA_D
ClientSampled :
CS-1

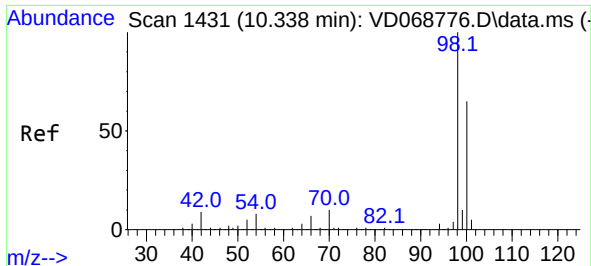
Tgt Ion:114 Resp: 461750
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 50.97 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068990.D
Acq: 26 Apr 2021 16:01

Tgt Ion:113 Resp: 153082
Ion Ratio Lower Upper
113 100
111 102.7 82.5 123.7
192 18.9 15.1 22.7

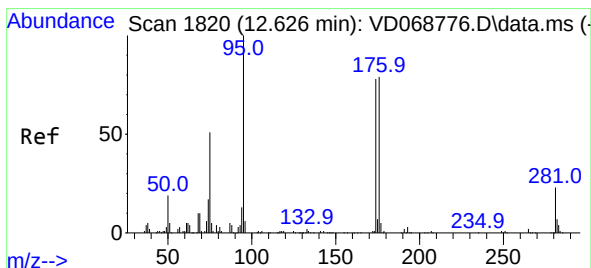
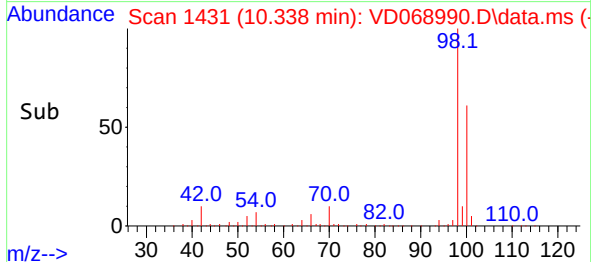
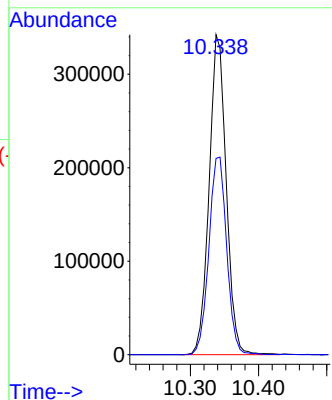
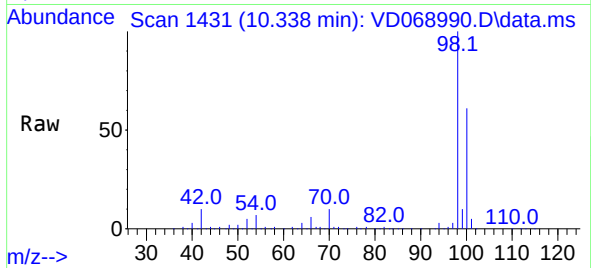




#50
Toluene-d8
Concen: 52.71 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068990.D
Acq: 26 Apr 2021 16:01

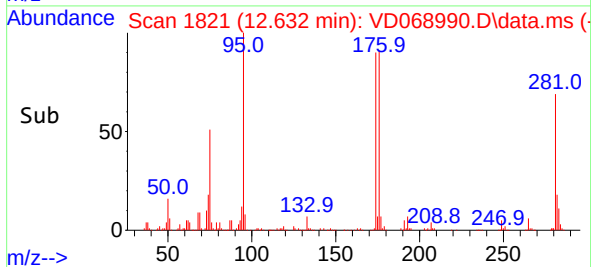
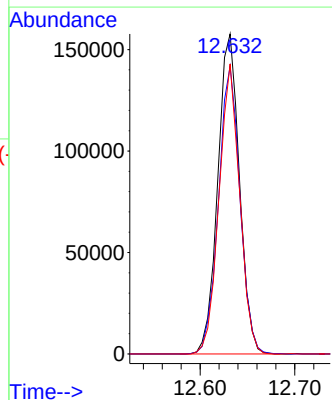
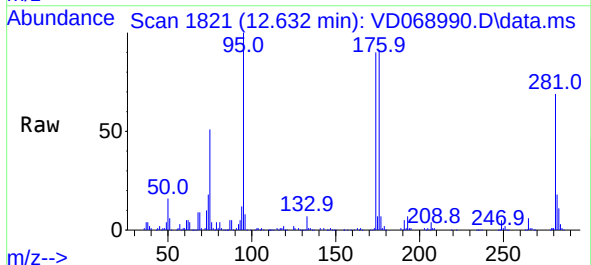
Instrument :
MSVOA_D
ClientSampled :
CS-1

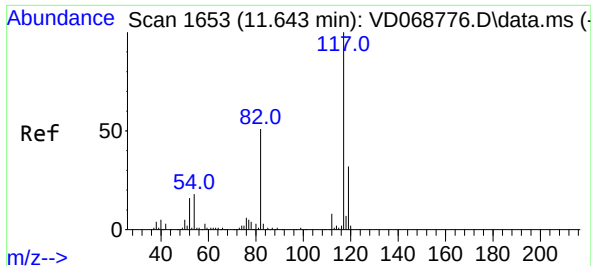
Tgt Ion: 98 Resp: 597149
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068990.D
Acq: 26 Apr 2021 16:01

Tgt Ion: 95 Resp: 250521
Ion Ratio Lower Upper
95 100
174 89.2 0.0 168.0
176 86.3 0.0 160.2

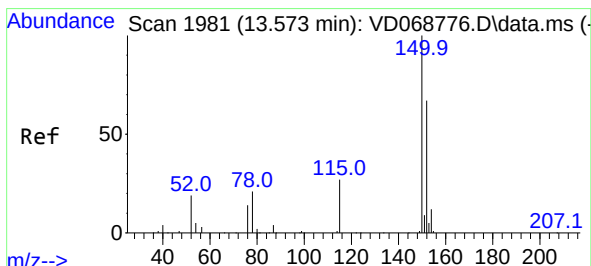
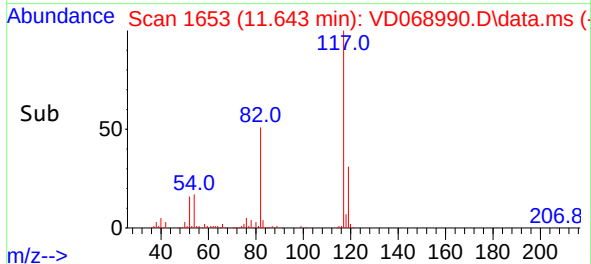
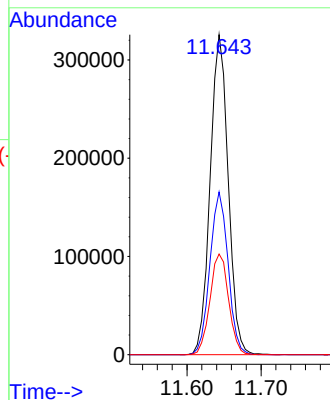
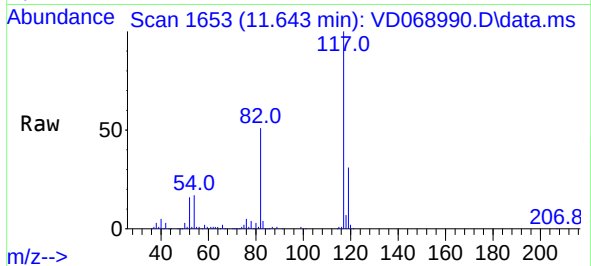




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068990.D
Acq: 26 Apr 2021 16:01

Instrument :
MSVOA_D
ClientSampleId :
CS-1

Tgt Ion:	117	Resp:	550692
Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.5	65.3
119	31.4	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068990.D
Acq: 26 Apr 2021 16:01

Tgt Ion:	152	Resp:	260259
Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.3	87.8
150	158.5	0.0	347.6

