

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068094.D
 Acq On : 19 Jan 2021 16:59
 Operator : VA/SY
 Sample : M1146-01RE
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 520-ZRE

Quant Time: Jan 19 17:21:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	19694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	37379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	36557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	19434	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	13137	69.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.46%
35) Dibromofluoromethane	7.914	113	9134	44.20	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.40%
50) Toluene-d8	10.344	98	45432	54.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.92%
62) 4-Bromofluorobenzene	12.632	95	18614	62.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.06%

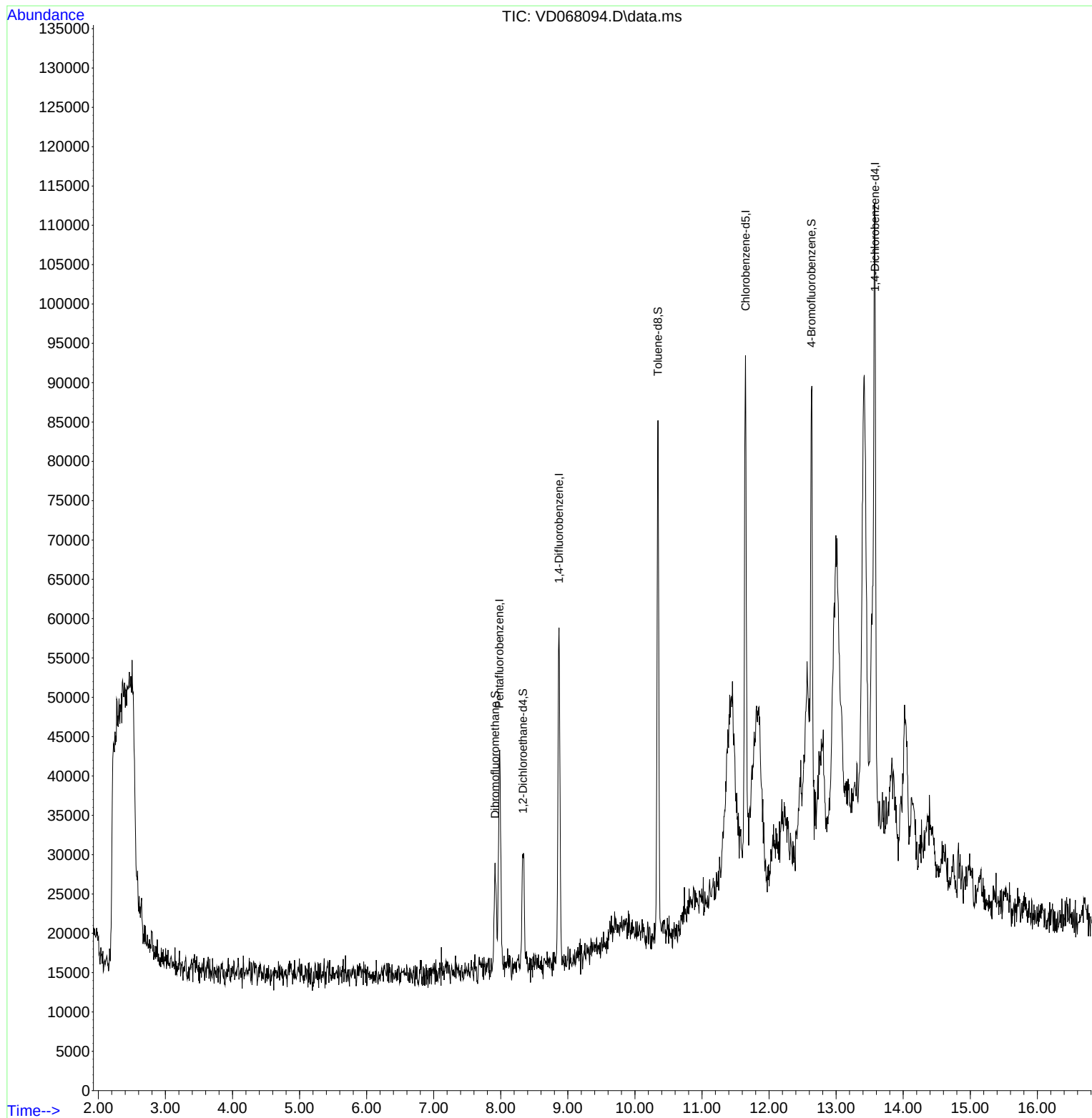
Target Compounds	Qvalue

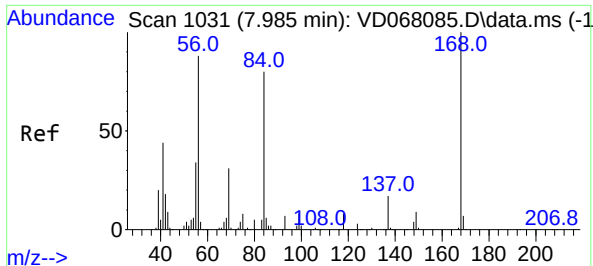
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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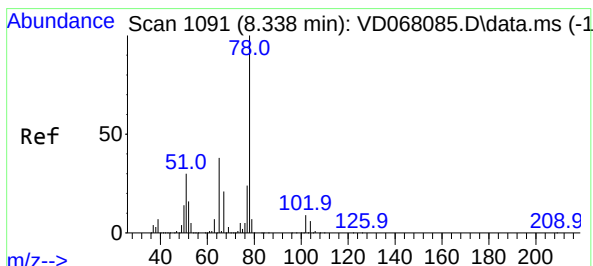
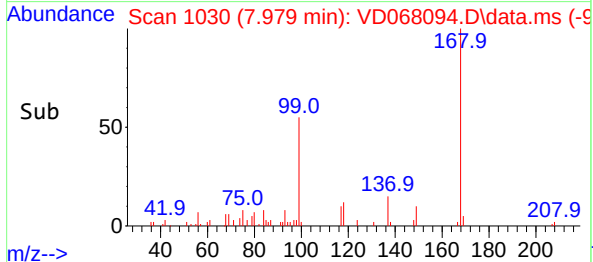
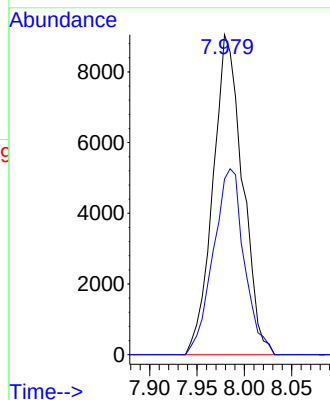
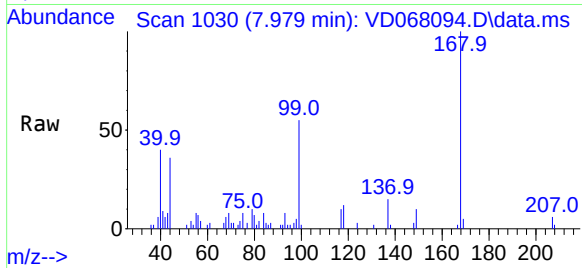




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068094.D
Acq: 19 Jan 2021 16:59

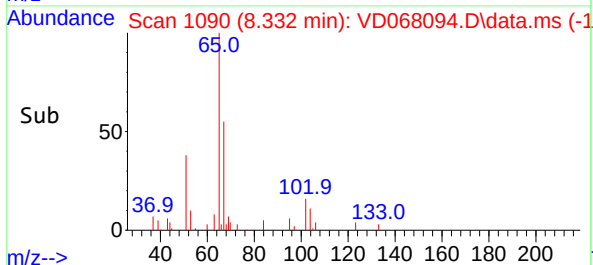
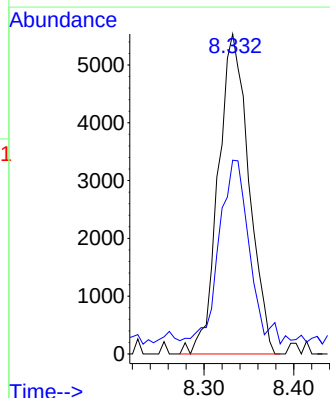
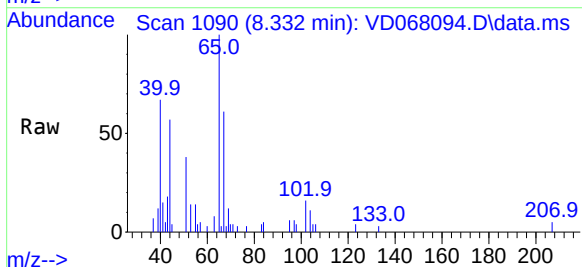
Instrument :
MSVOA_D
ClientSampled :
520-ZRE

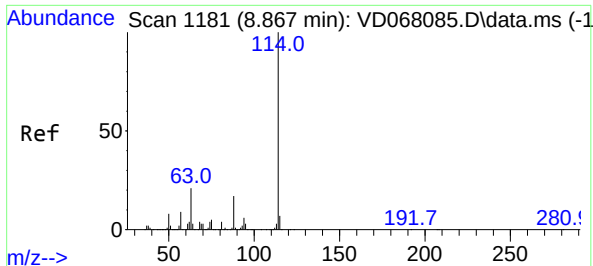
Tgt Ion:168 Resp: 19694
Ion Ratio Lower Upper
168 100
99 54.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 69.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068094.D
Acq: 19 Jan 2021 16:59

Tgt Ion: 65 Resp: 13137
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.0



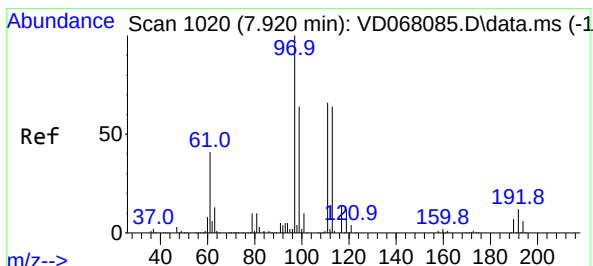
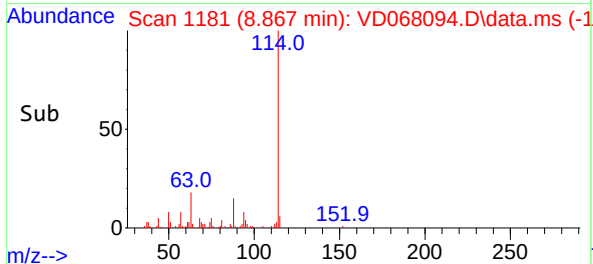
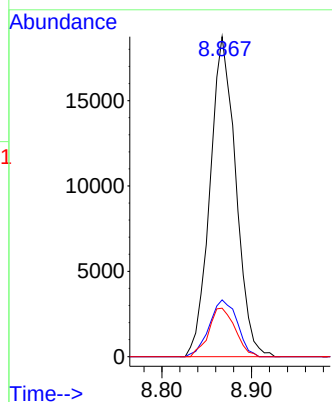
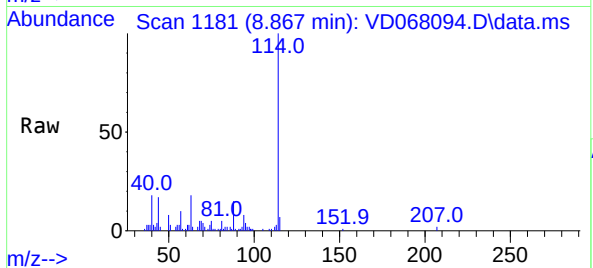


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068094.D
Acq: 19 Jan 2021 16:59

Instrument :
MSVOA_D
ClientSampled :
520-ZRE

Tgt Ion:114 Resp: 37379

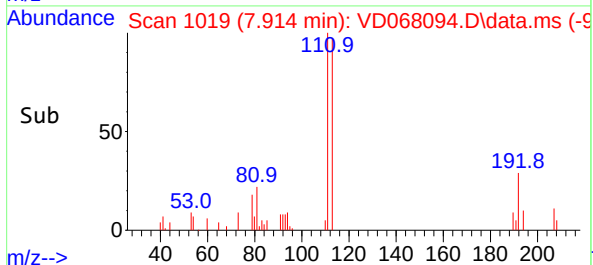
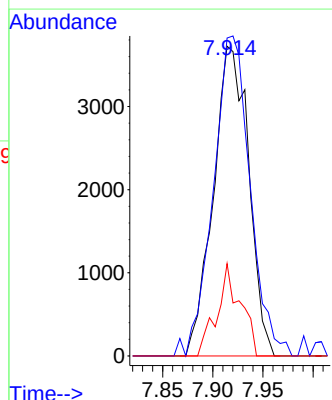
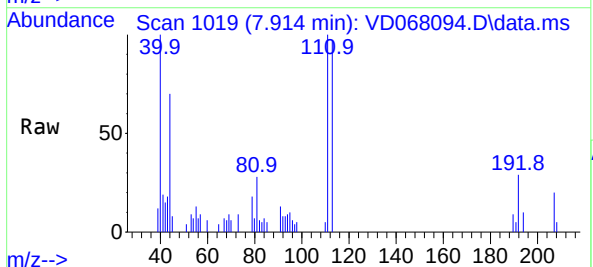
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.8
88	15.2	0.0	31.6

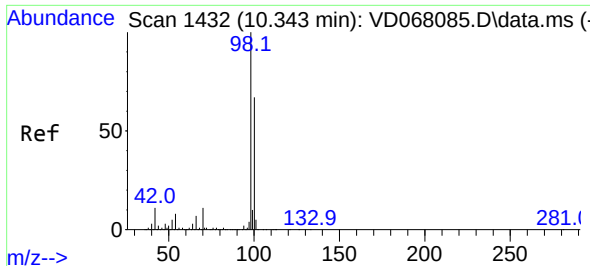


#35
Dibromofluoromethane
Concen: 44.20 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068094.D
Acq: 19 Jan 2021 16:59

Tgt Ion:113 Resp: 9134

Ion	Ratio	Lower	Upper
113	100		
111	107.5	81.4	122.0
192	19.8	16.1	24.1

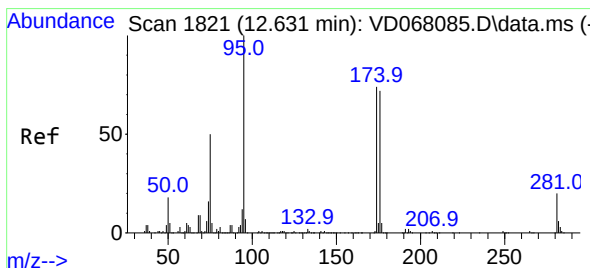
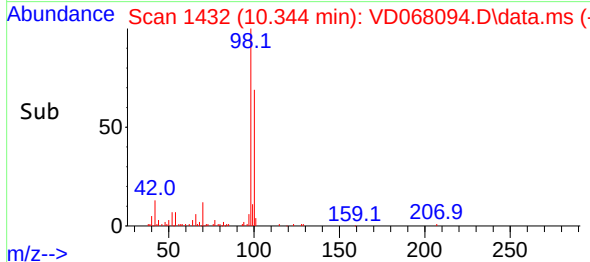
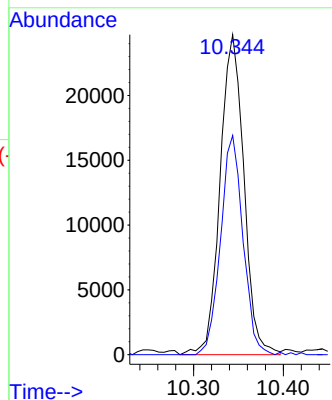
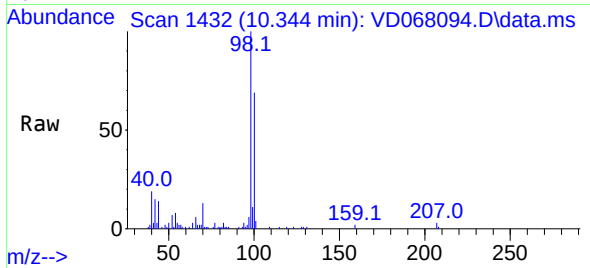




#50
Toluene-d8
Concen: 54.96 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068094.D
Acq: 19 Jan 2021 16:59

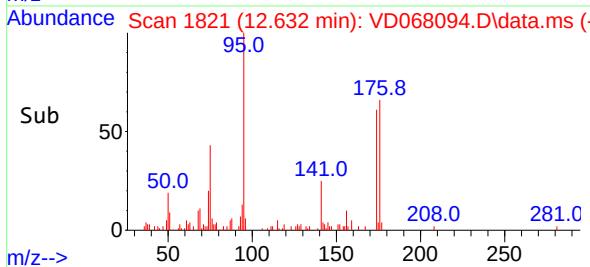
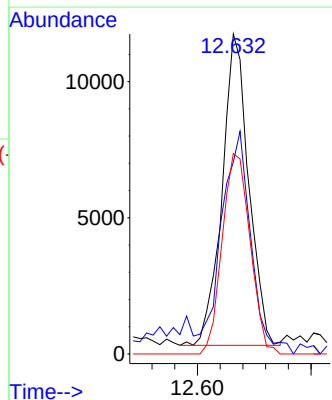
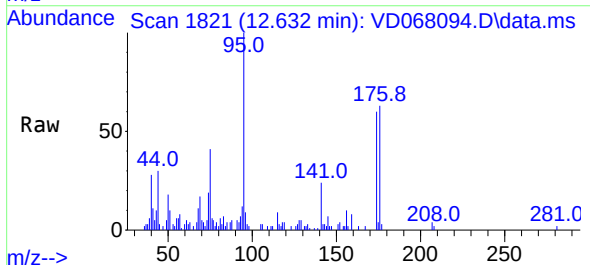
Instrument :
MSVOA_D
ClientSampled :
520-ZRE

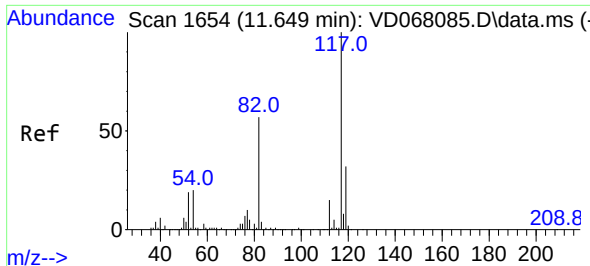
Tgt Ion: 98 Resp: 45432
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 62.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068094.D
Acq: 19 Jan 2021 16:59

Tgt Ion: 95 Resp: 18614
Ion Ratio Lower Upper
95 100
174 79.9 0.0 172.4
176 67.5 0.0 168.4

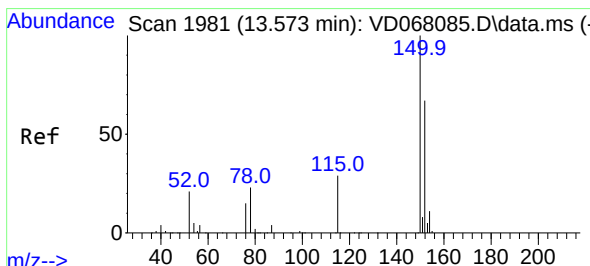
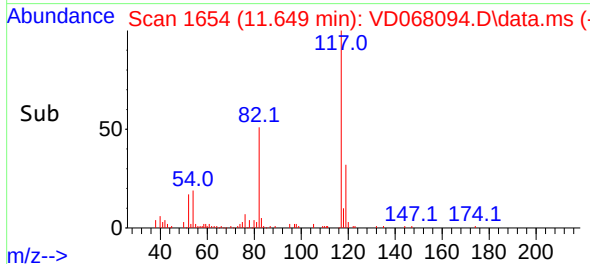
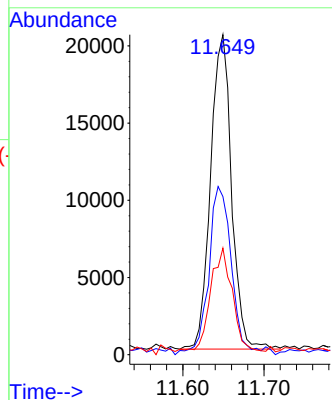
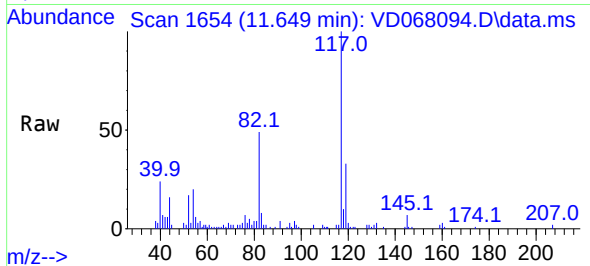




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068094.D
Acq: 19 Jan 2021 16:59

Instrument :
MSVOA_D
ClientSampled :
520-ZRE

Tgt Ion:	117	Resp:	36557
Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.4	62.0
119	32.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068094.D
Acq: 19 Jan 2021 16:59

Tgt Ion:	152	Resp:	19434
Ion	Ratio	Lower	Upper
152	100		
115	84.6	28.9	86.8
150	138.2	0.0	344.4

