

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068040.D
 Acq On : 07 Jan 2021 17:56
 Operator : VA/SY
 Sample : M1042-01
 Misc : 5.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11939

Quant Time: Jan 08 00:17:09 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	298206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	549871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	525063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	222810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	180221	55.97	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.94%	
35) Dibromofluoromethane	7.920	113	178306	51.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.92%	
50) Toluene-d8	10.344	98	695064	53.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.74%	
62) 4-Bromofluorobenzene	12.632	95	224206	50.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.66%	

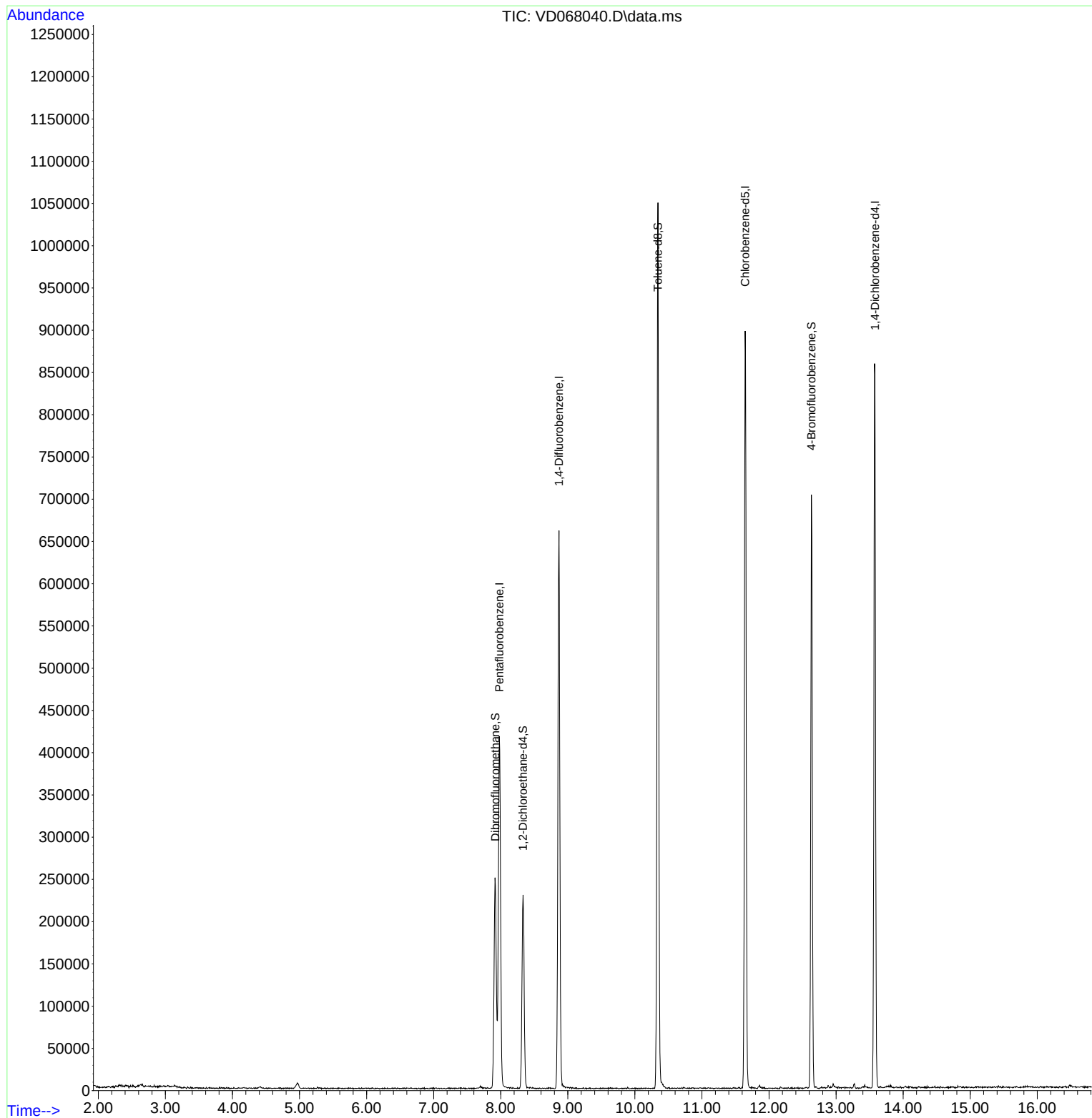
Target Compounds	Qvalue

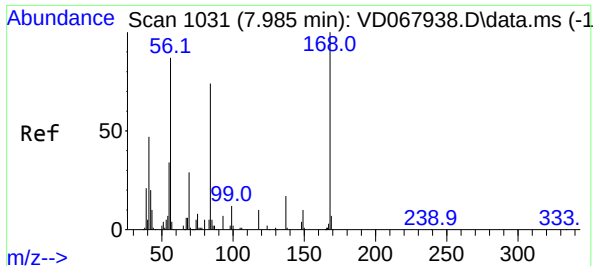
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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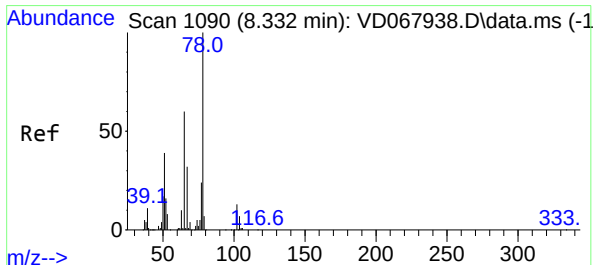
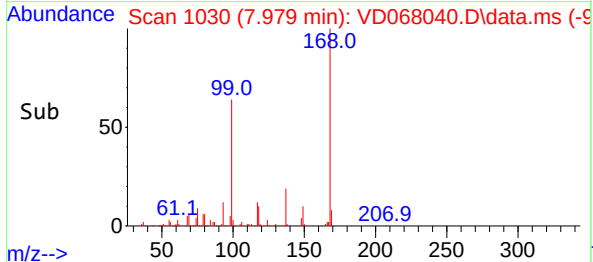
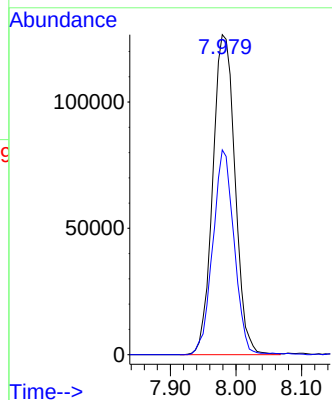
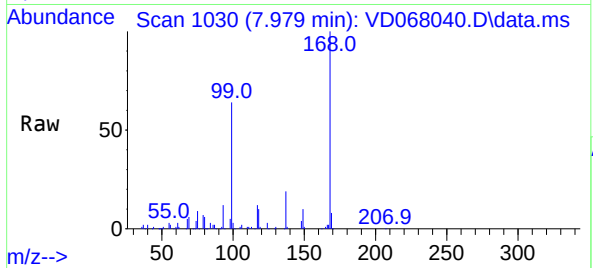




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

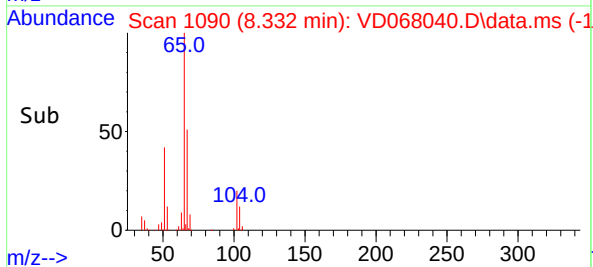
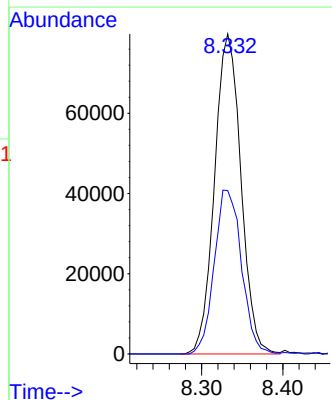
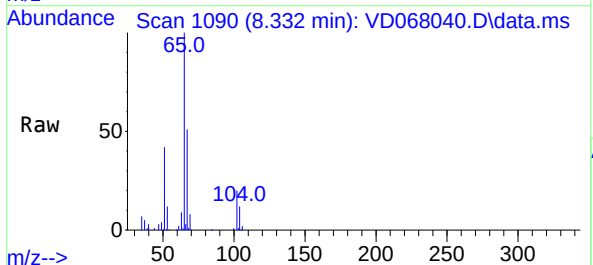
Instrument :
MSVOA_D
ClientSampleId :
11939

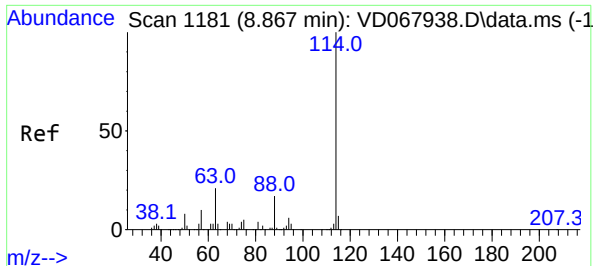
Tgt Ion:168 Resp: 298206
Ion Ratio Lower Upper
168 100
99 64.0 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 55.97 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

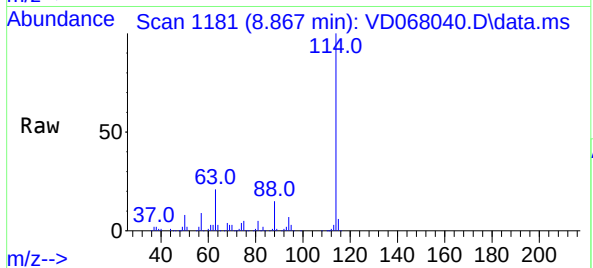
Tgt Ion: 65 Resp: 180221
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.0



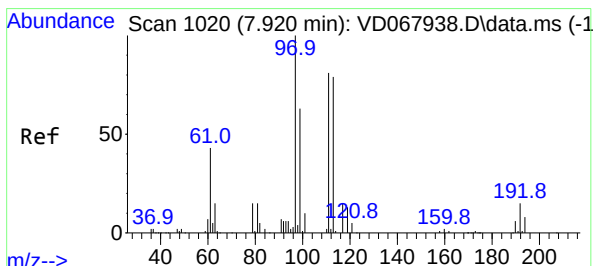
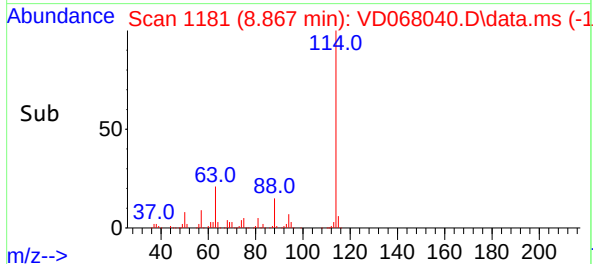
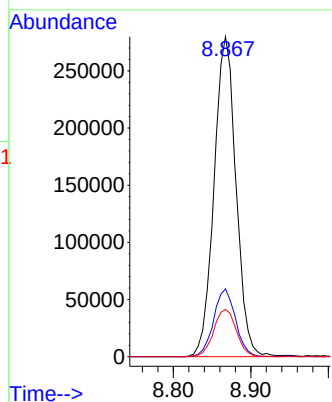


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Instrument :
MSVOA_D
ClientSampled :
11939

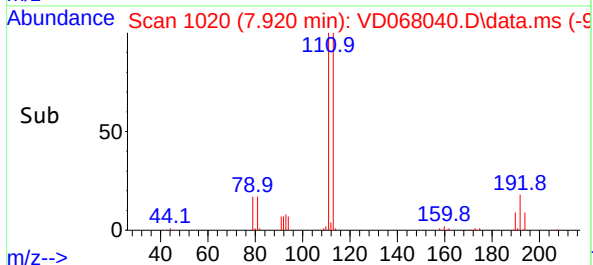
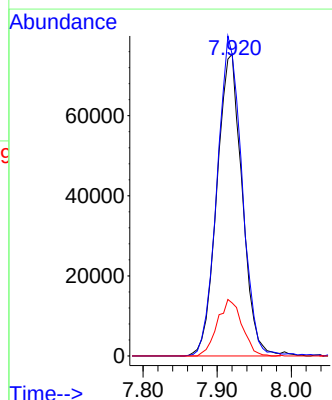
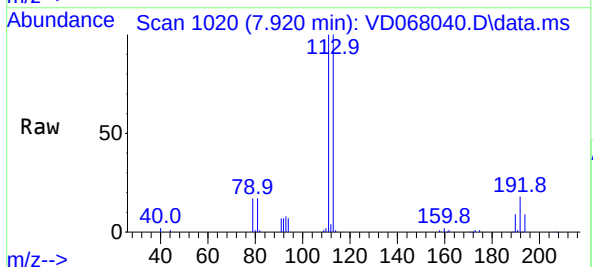


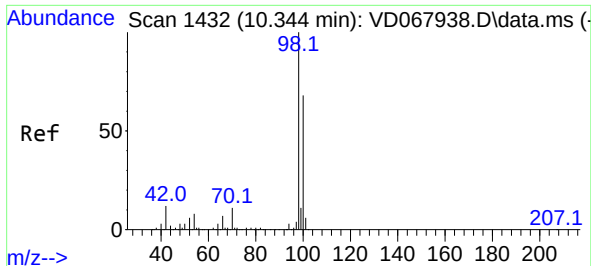
Tgt Ion:114 Resp: 549871
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.4
88 14.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.46 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion:113 Resp: 178306
Ion Ratio Lower Upper
113 100
111 104.9 79.3 118.9
192 18.3 14.5 21.7

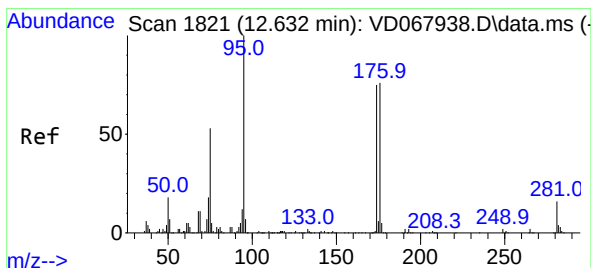
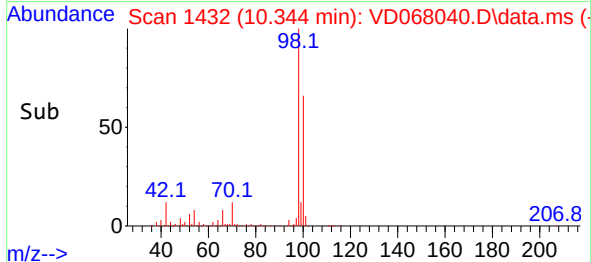
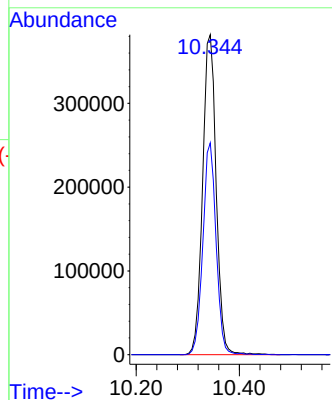
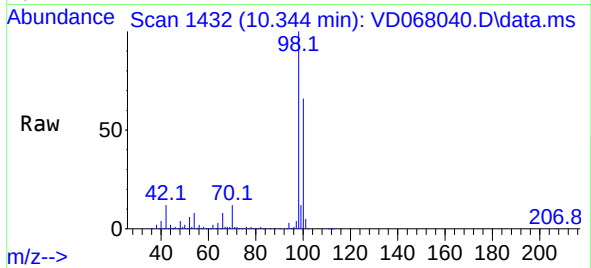




#50
Toluene-d8
Concen: 53.37 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

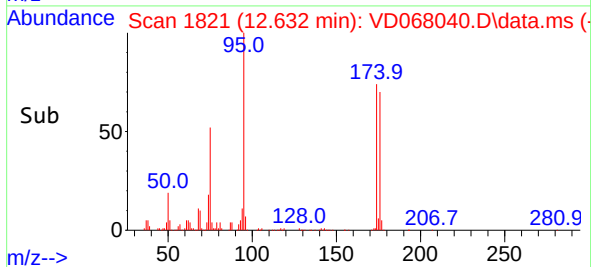
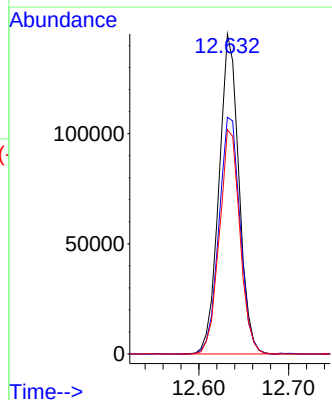
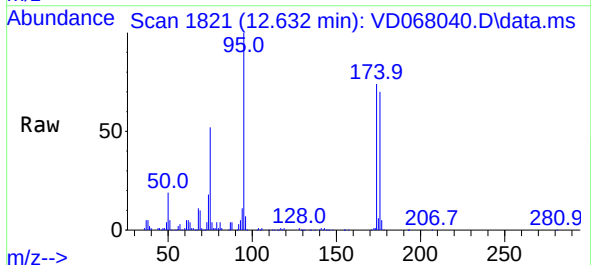
Instrument :
MSVOA_D
ClientSampled :
11939

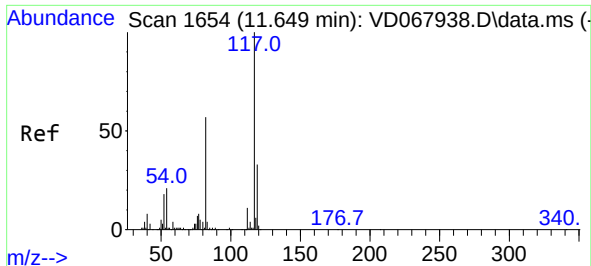
Tgt Ion: 98 Resp: 695064
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion: 95 Resp: 224206
Ion Ratio Lower Upper
95 100
174 78.5 0.0 150.6
176 72.1 0.0 151.2

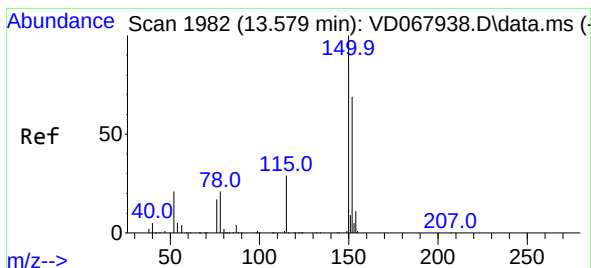
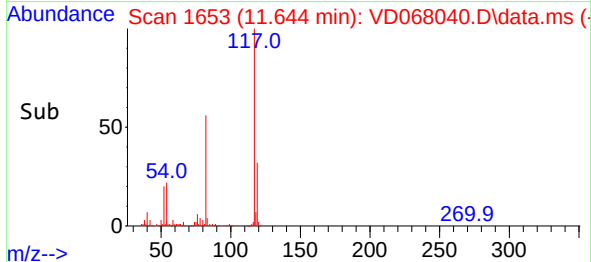
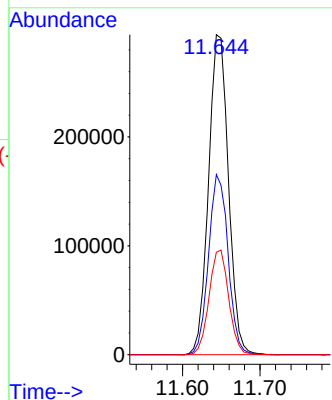
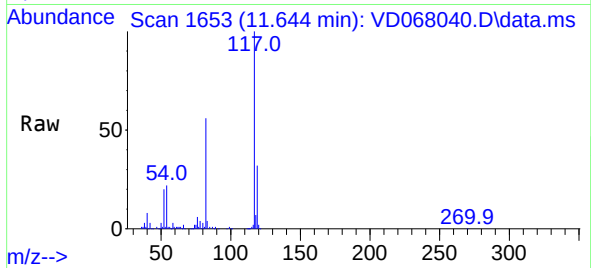




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Instrument :
MSVOA_D
ClientSampled :
11939

Tgt Ion:117 Resp: 525063
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion:152 Resp: 222810
Ion Ratio Lower Upper
152 100
115 59.8 29.3 88.0
150 158.8 0.0 340.0

