

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068992.D
 Acq On : 26 Apr 2021 16:57
 Operator : VA/SY
 Sample : M2170-05
 Misc : 9.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BN-1

Quant Time: Apr 27 07:13:25 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	277212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	479278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	569669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	291361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	123112	42.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.04%
35) Dibromofluoromethane	7.914	113	155335	49.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.66%
50) Toluene-d8	10.344	98	608933	51.78	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.56%
62) 4-Bromofluorobenzene	12.632	95	266338	68.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	136.38%

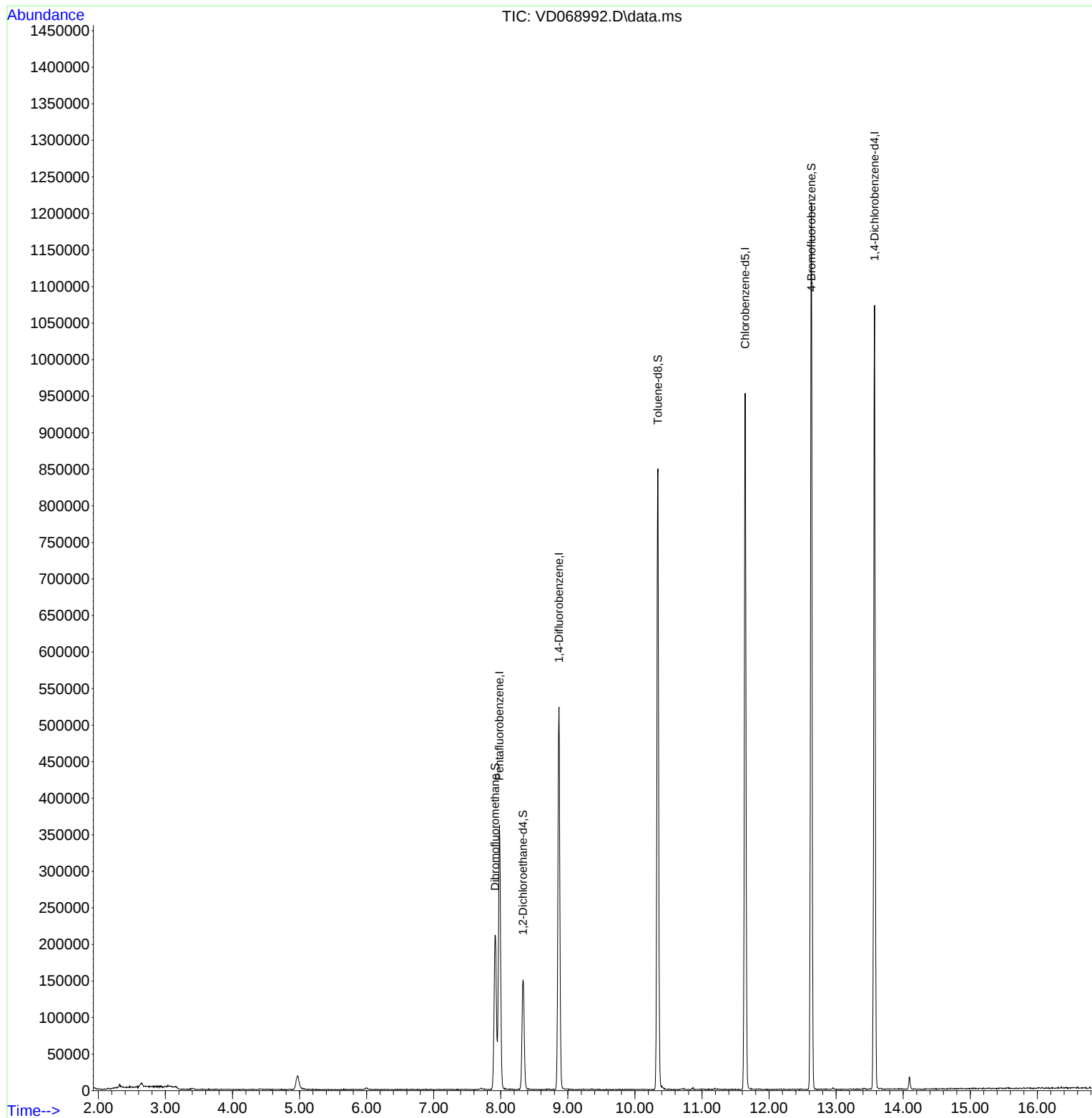
Target Compounds	Qvalue

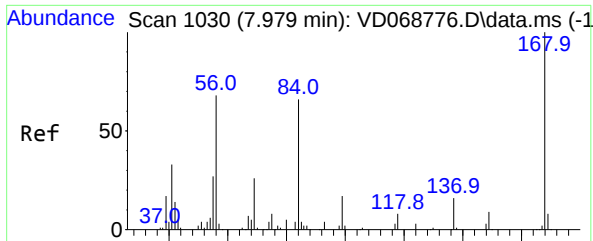
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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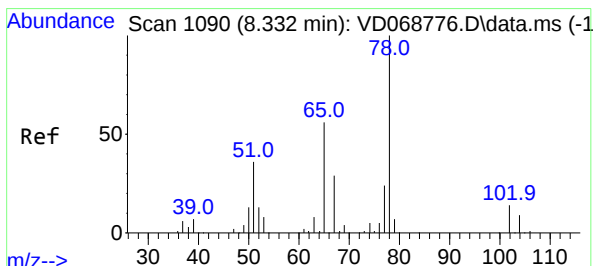
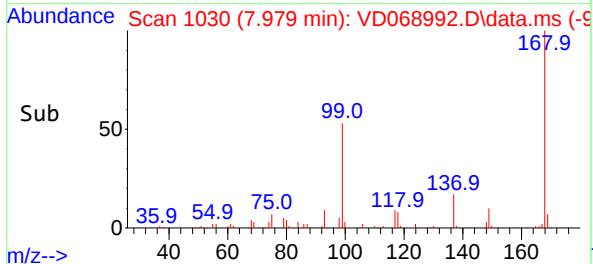
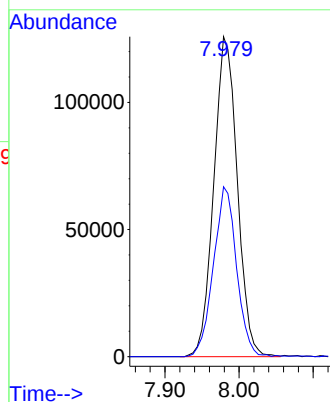
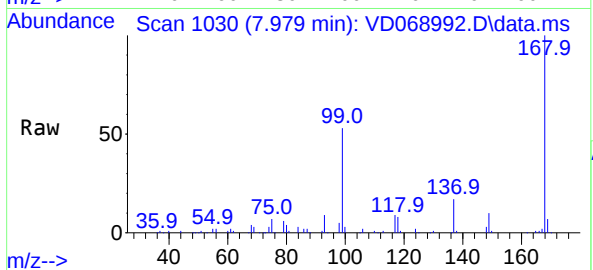




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

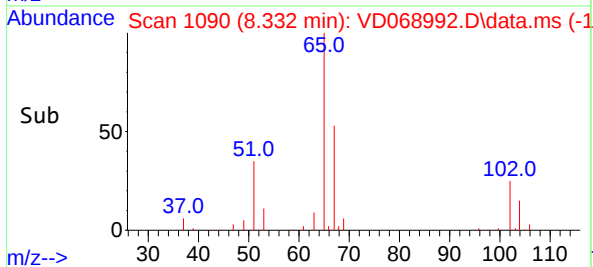
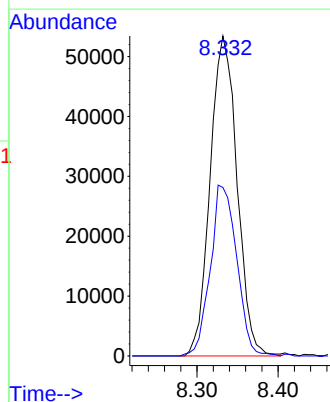
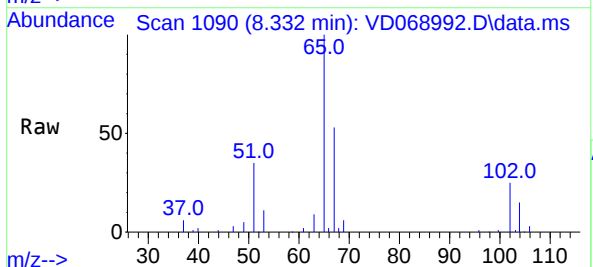
Instrument :
MSVOA_D
ClientSampleId :
BN-1

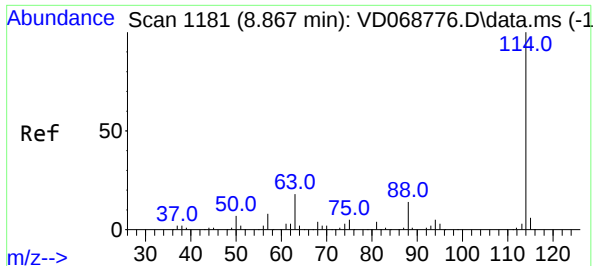
Tgt Ion:168 Resp: 277212
Ion Ratio Lower Upper
168 100
99 53.1 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion: 65 Resp: 123112
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

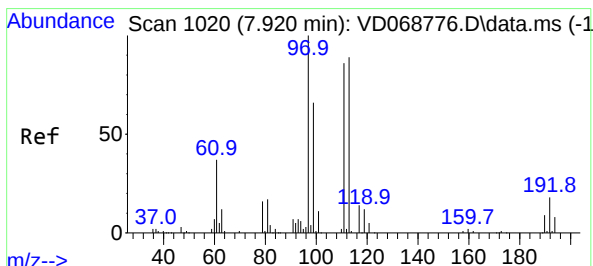
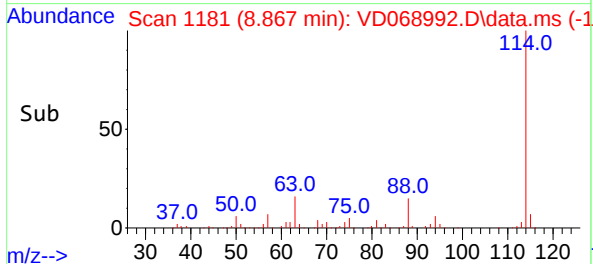
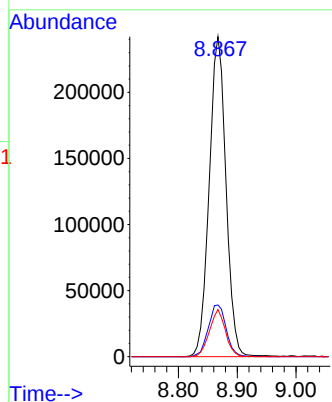
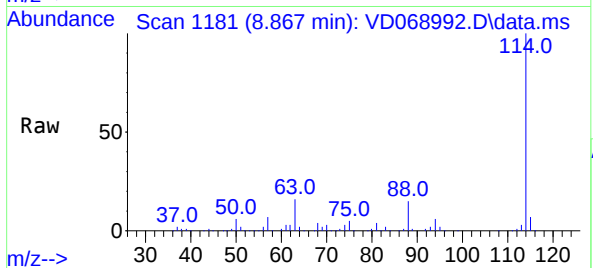




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

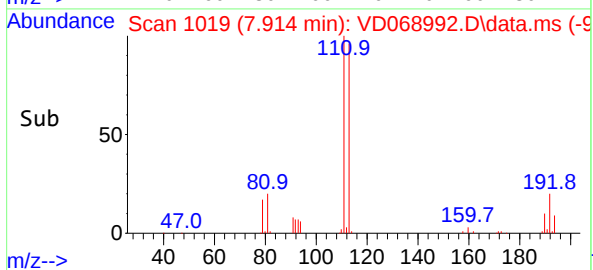
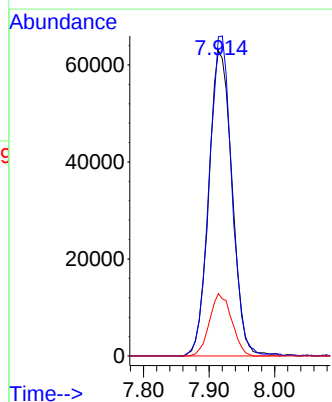
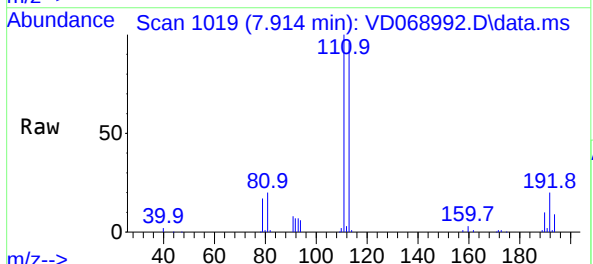
Instrument :
MSVOA_D
ClientSampled :
BN-1

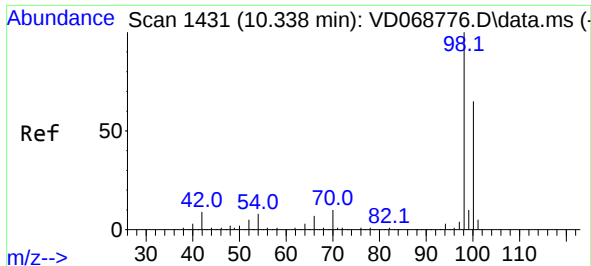
Tgt Ion:114 Resp: 479278
Ion Ratio Lower Upper
114 100
63 16.2 0.0 38.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion:113 Resp: 155335
Ion Ratio Lower Upper
113 100
111 101.5 82.5 123.7
192 19.4 15.1 22.7

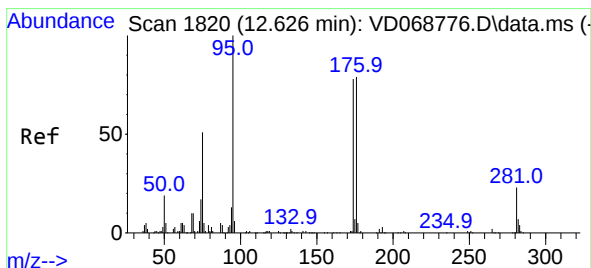
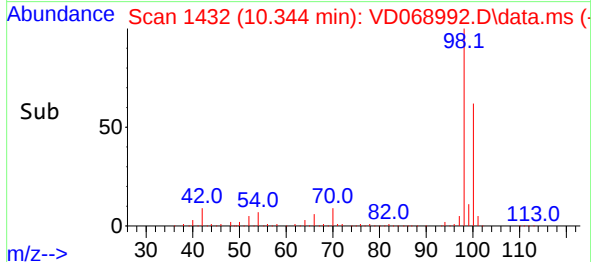
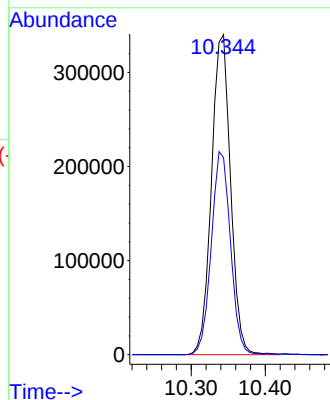
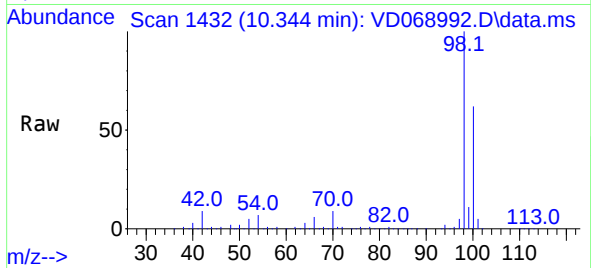




#50
Toluene-d8
Concen: 51.78 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

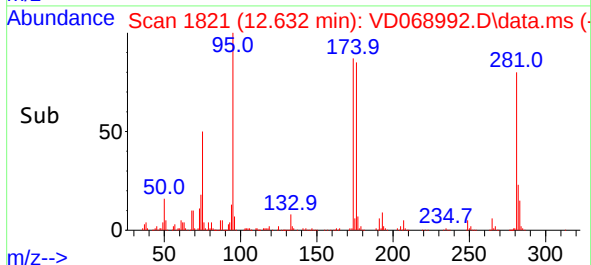
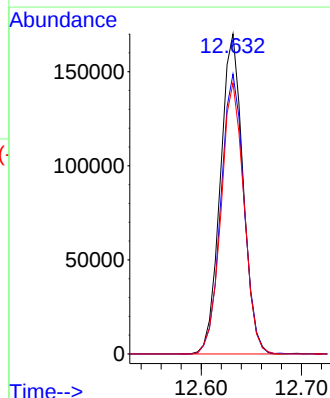
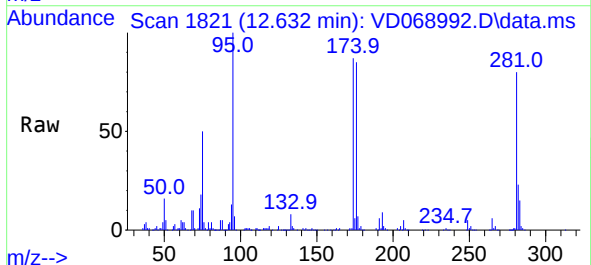
Instrument :
MSVOA_D
ClientSampled :
BN-1

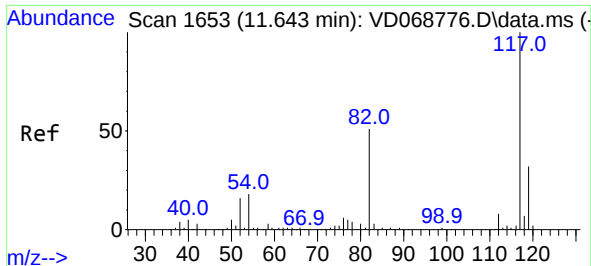
Tgt Ion: 98 Resp: 608933
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 68.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion: 95 Resp: 266338
Ion Ratio Lower Upper
95 100
174 89.0 0.0 168.0
176 85.6 0.0 160.2

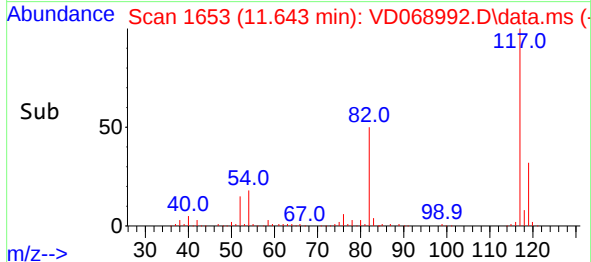
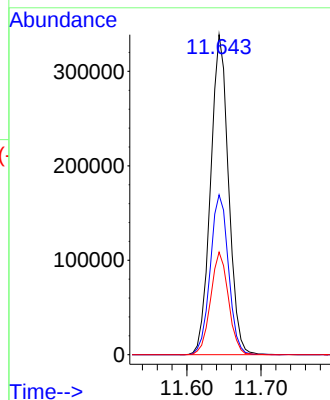
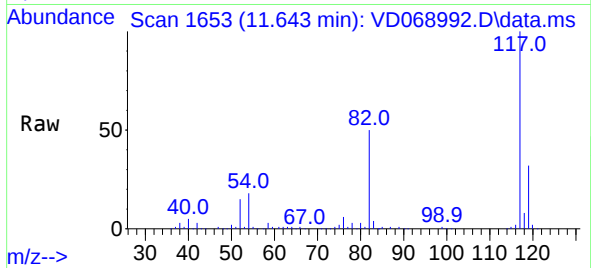




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Instrument :
MSVOA_D
ClientSampleId :
BN-1

Tgt Ion:117 Resp: 569669
Ion Ratio Lower Upper
117 100
82 50.0 43.5 65.3
119 32.0 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: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion:152 Resp: 291361
Ion Ratio Lower Upper
152 100
115 55.3 29.3 87.8
150 155.9 0.0 347.6

