

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
 Data File : VD068913.D
 Acq On : 20 Apr 2021 10:10
 Operator : VA/SY
 Sample : VD0420SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBL01

Quant Time: Apr 21 08:05:05 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	177345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	308883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	370331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	189040	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	78100	41.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.34%
35) Dibromofluoromethane	7.920	113	94275	46.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.84%
50) Toluene-d8	10.338	98	417108	55.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.06%
62) 4-Bromofluorobenzene	12.632	95	164548	65.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.74%

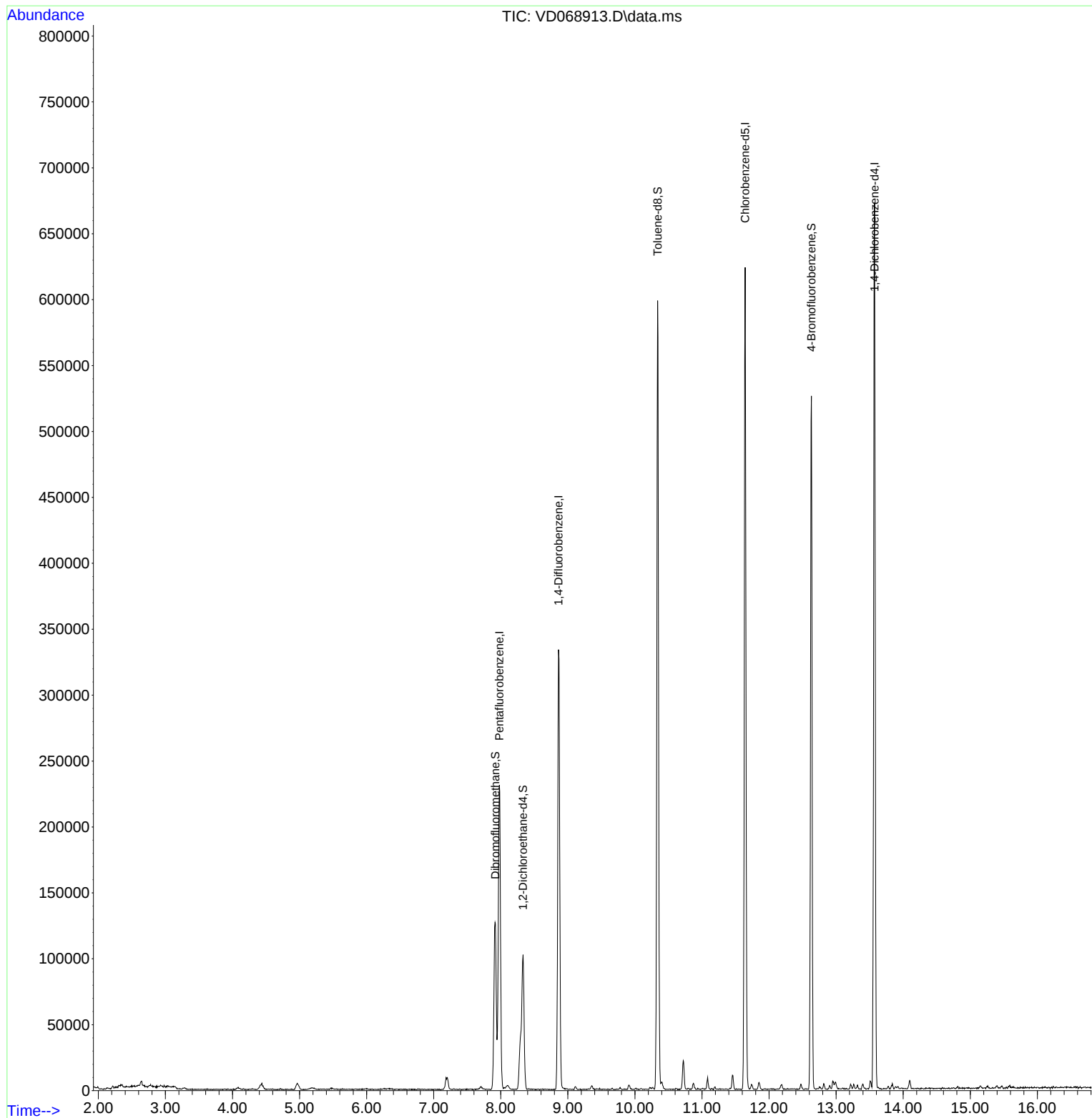
Target Compounds	Qvalue

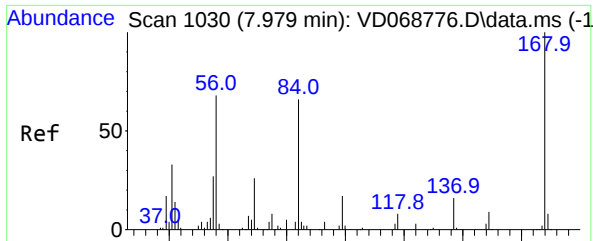
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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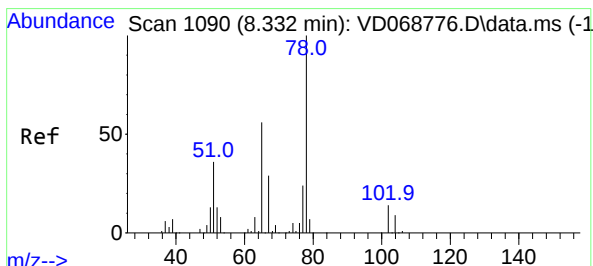
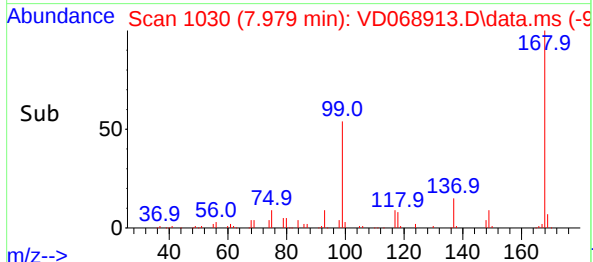
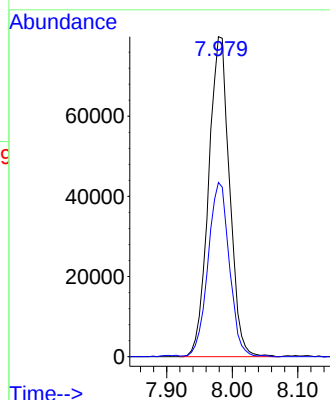
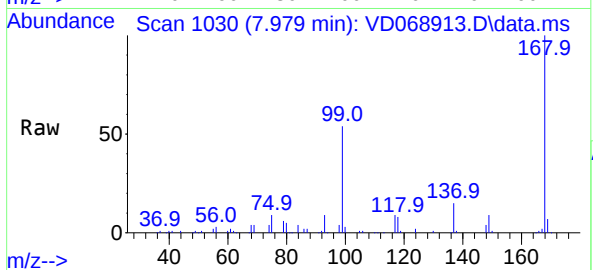




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

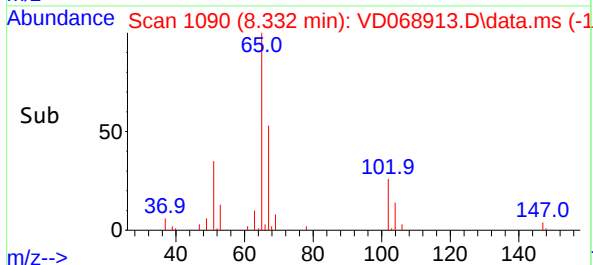
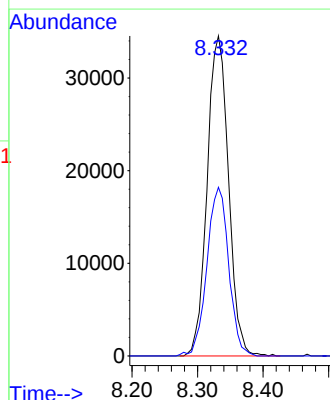
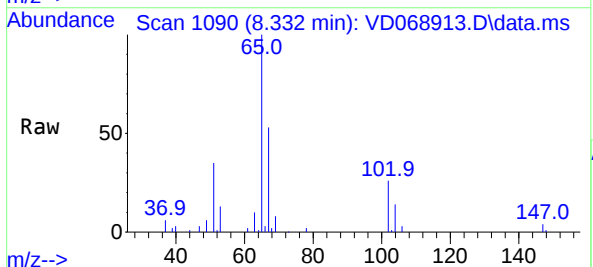
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBL01

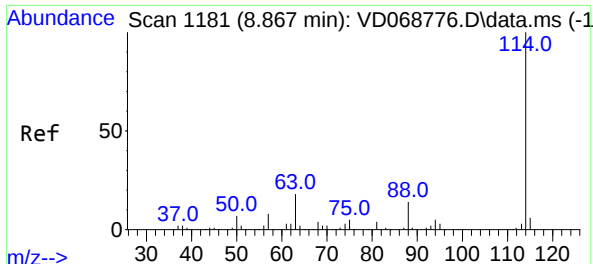
Tgt Ion:168 Resp: 177345
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.67 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion: 65 Resp: 78100
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.0

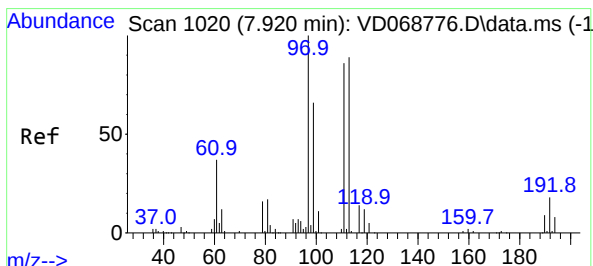
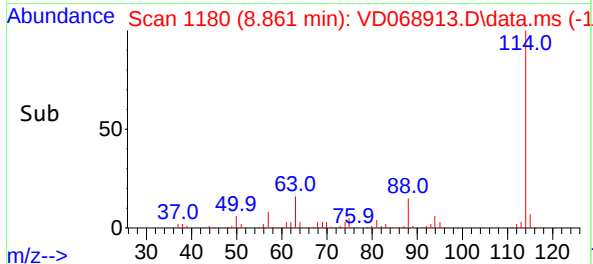
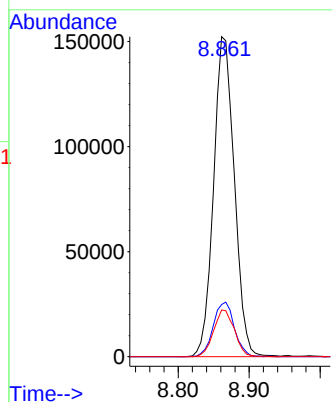
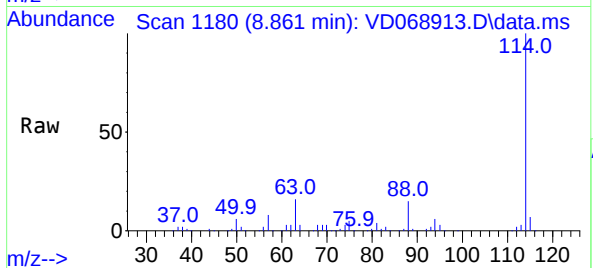




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

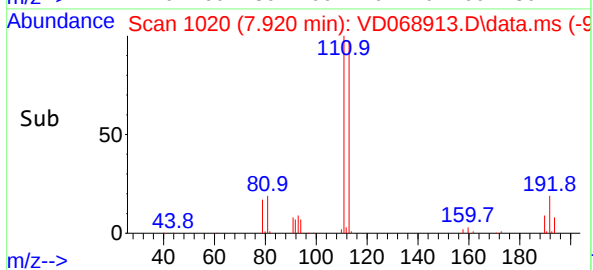
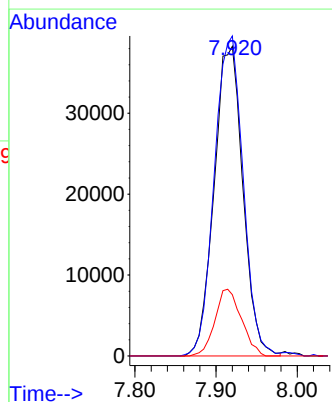
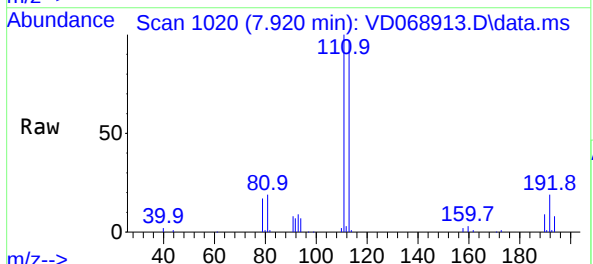
Instrument :
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ClientSampleId :
VD0420SBL01

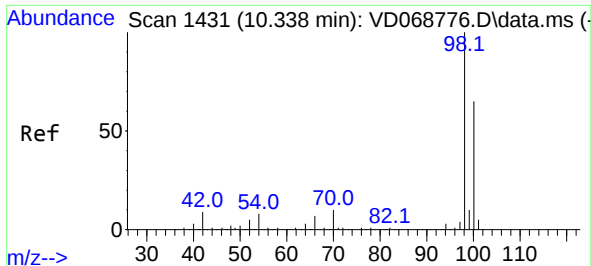
Tgt Ion:114 Resp: 308883
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.2
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.92 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion:113 Resp: 94275
Ion Ratio Lower Upper
113 100
111 103.4 82.5 123.7
192 19.8 15.1 22.7

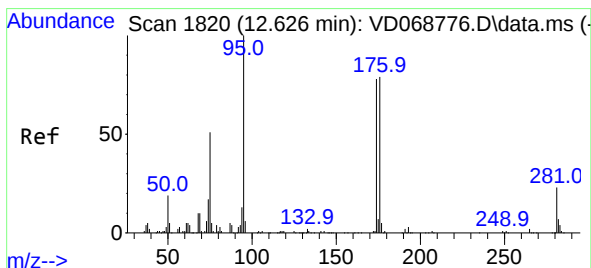
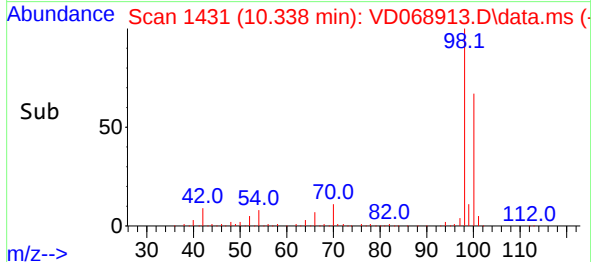
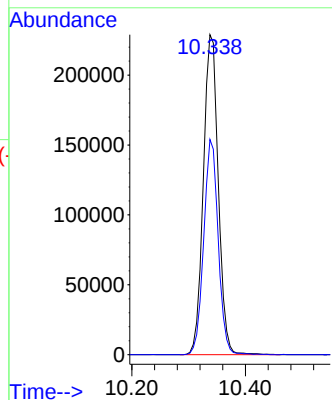
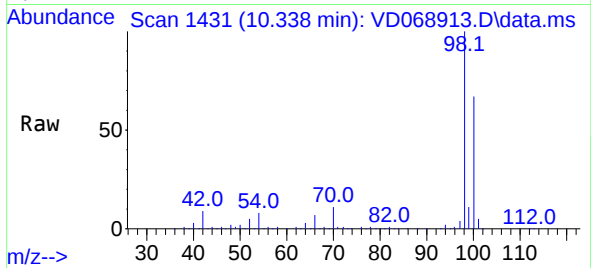




#50
Toluene-d8
Concen: 55.03 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

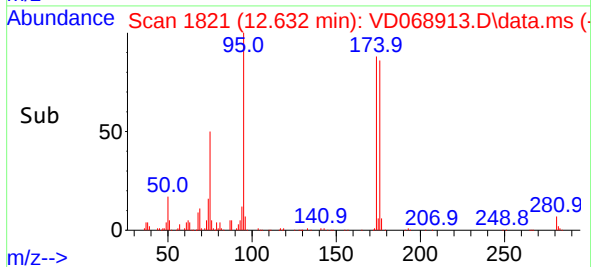
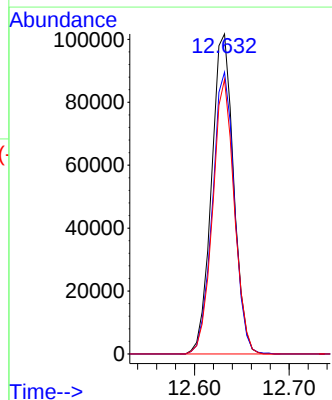
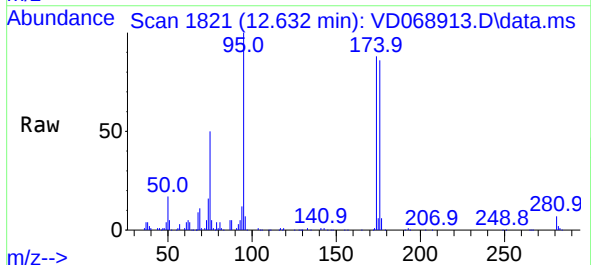
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBL01

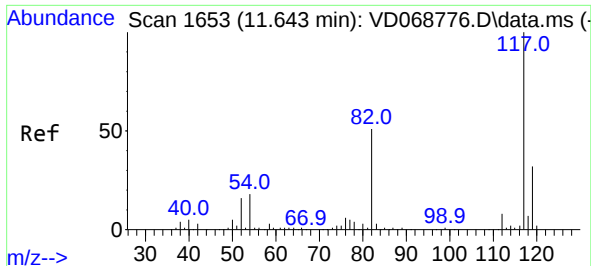
Tgt Ion: 98 Resp: 417108
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion: 95 Resp: 164548
Ion Ratio Lower Upper
95 100
174 87.5 0.0 168.0
176 83.8 0.0 160.2



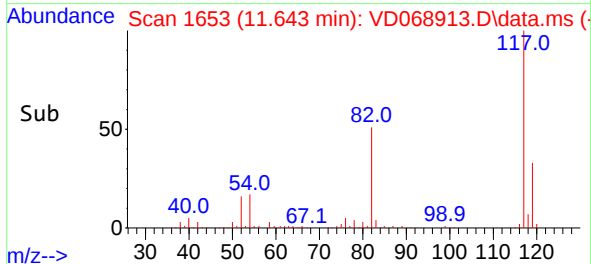
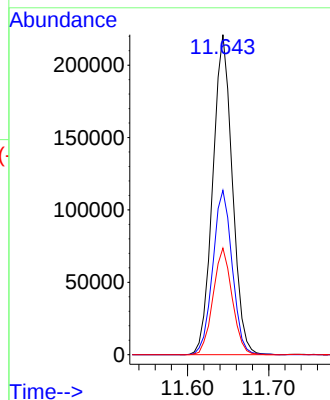
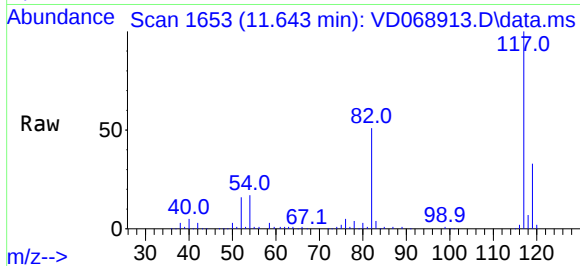


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068913.D
Acq: 20 Apr 2021 10:10

Instrument :
MSVOA_D
ClientSampleId :
VD0420SBL01

Tgt Ion:117 Resp: 370331

Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.5	65.3
119	33.3	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: VD068913.D
Acq: 20 Apr 2021 10:10

Tgt Ion:152 Resp: 189040

Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.3	87.8
150	157.4	0.0	347.6

