

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068321.D
 Acq On : 08 Feb 2021 16:46
 Operator : VA/SY
 Sample : M1337-03
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CLASSIC BH 01 2-4

Quant Time: Feb 09 00:16:14 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	7.985	168	527191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	935118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	849368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	370957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	263922	52.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.66%
35) Dibromofluoromethane	7.920	113	275672	53.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.64%
50) Toluene-d8	10.344	98	1157676	55.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.96%
62) 4-Bromofluorobenzene	12.632	95	362919	48.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.46%

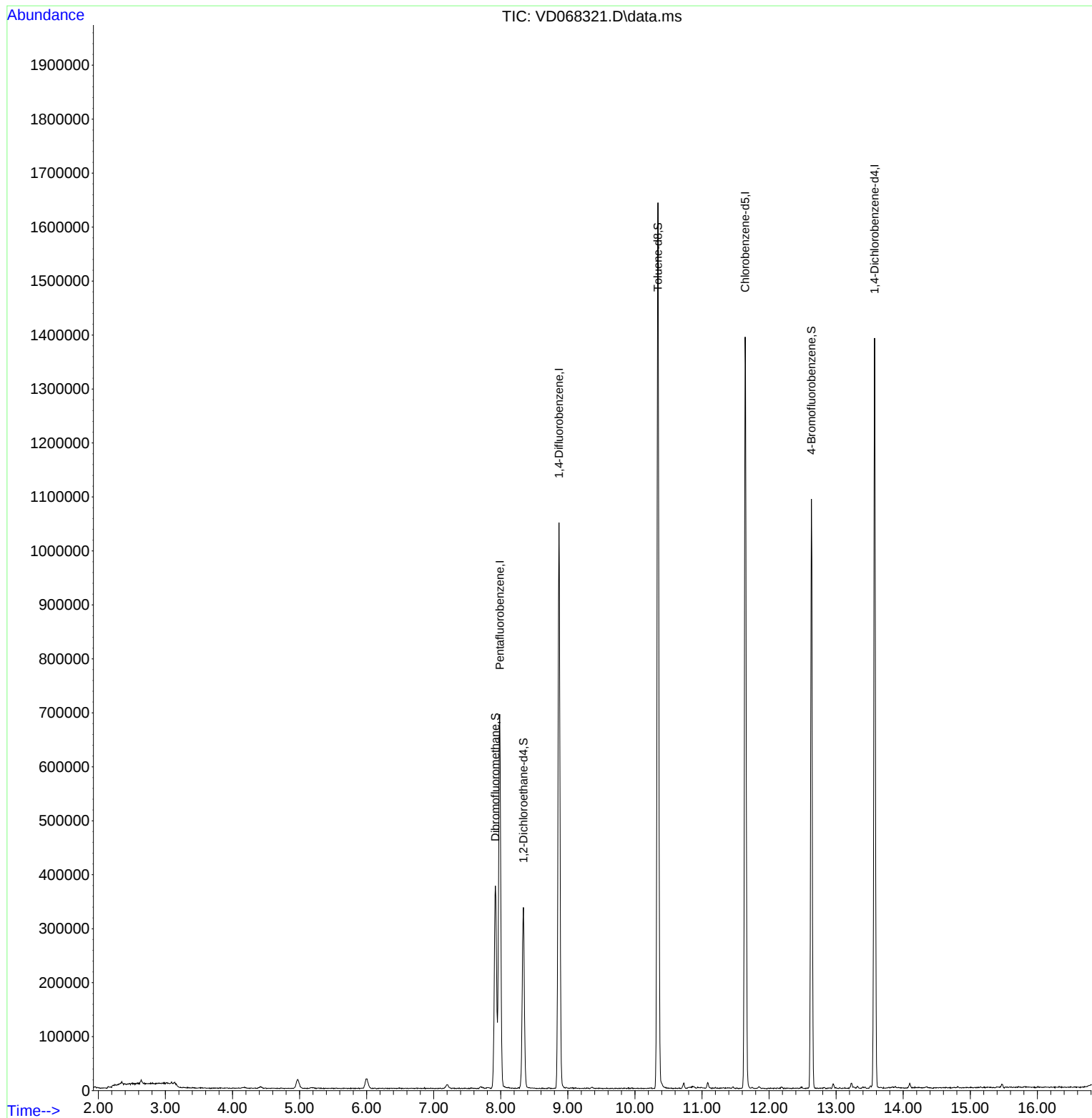
Target Compounds	Qvalue

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

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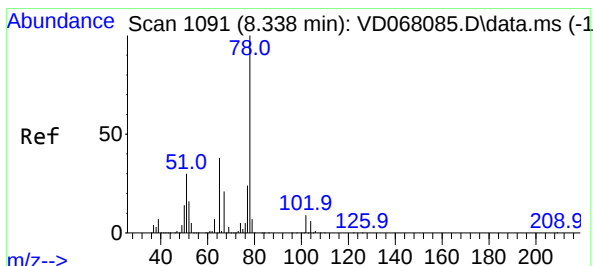
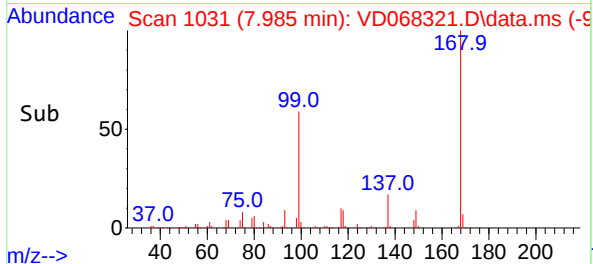
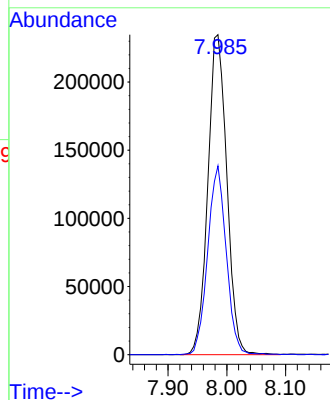
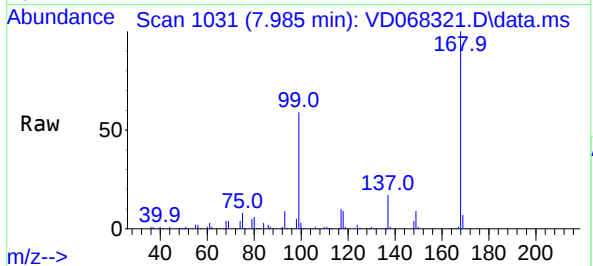




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

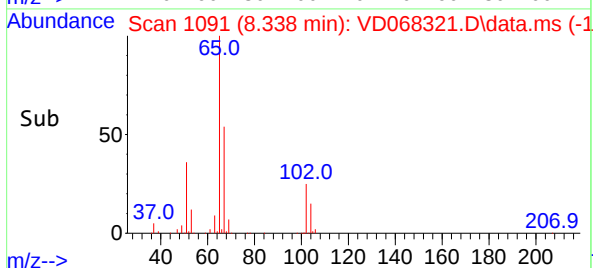
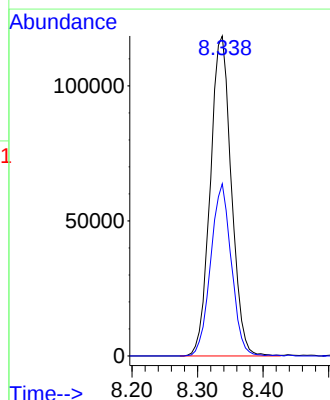
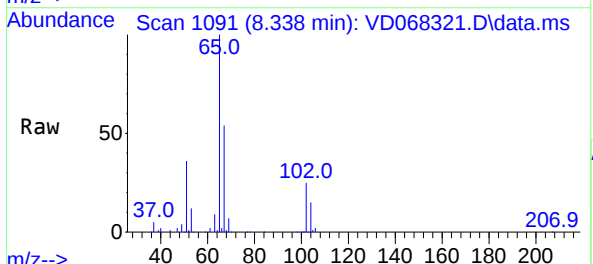
Instrument :
MSVOA_D
ClientSampleId :
CLASSIC BH 01 2-4

Tgt Ion:168 Resp: 527191
Ion Ratio Lower Upper
168 100
99 59.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.33 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Tgt Ion: 65 Resp: 263922
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



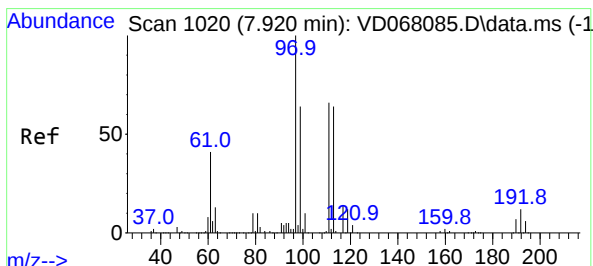
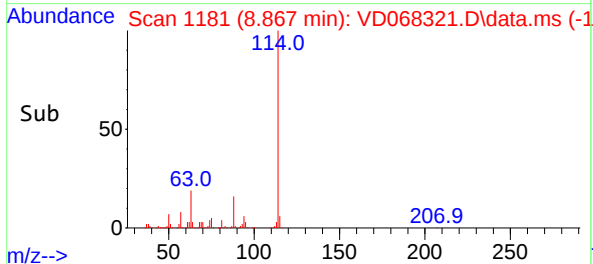
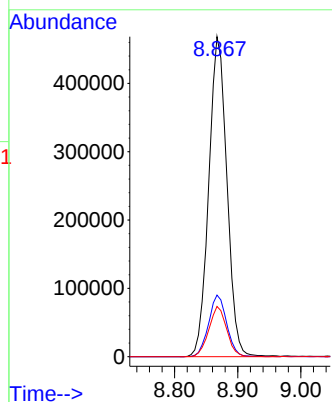
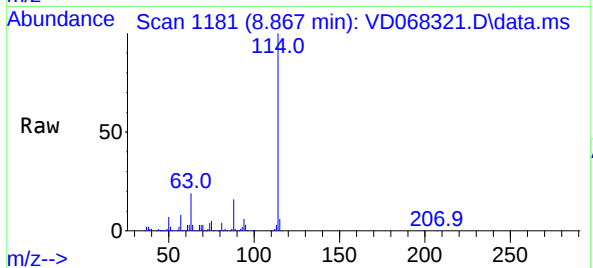


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
CLASSIC BH 01 2-4

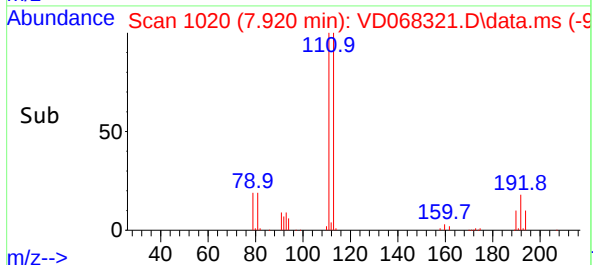
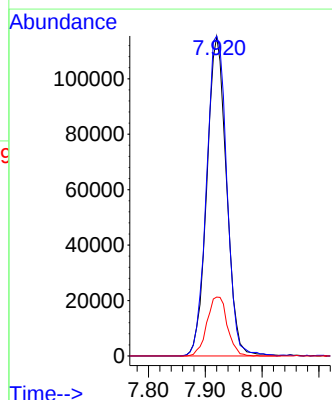
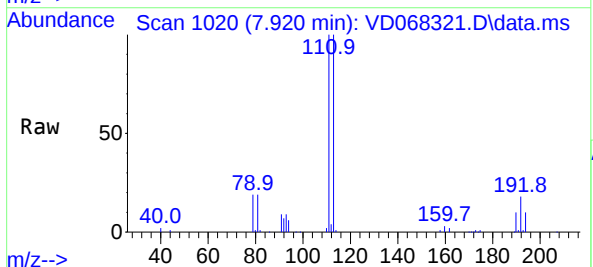
Tgt Ion:114 Resp: 935118
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 15.7 0.0 31.6

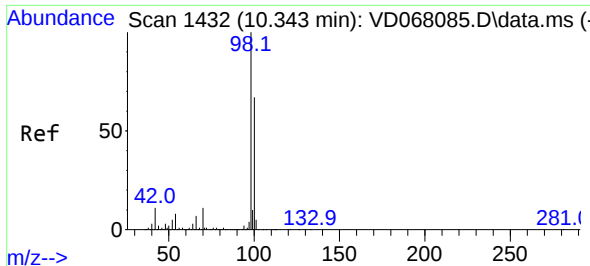


#35

Dibromofluoromethane
Concen: 53.32 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Tgt Ion:113 Resp: 275672
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 19.1 16.1 24.1

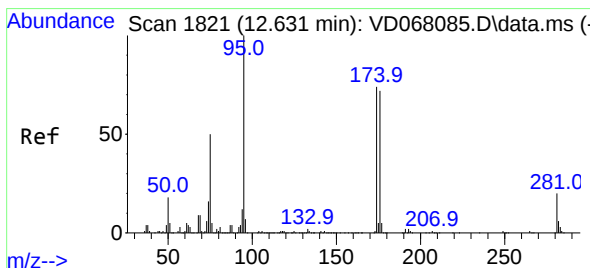
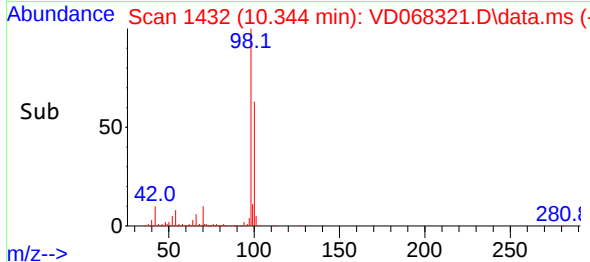
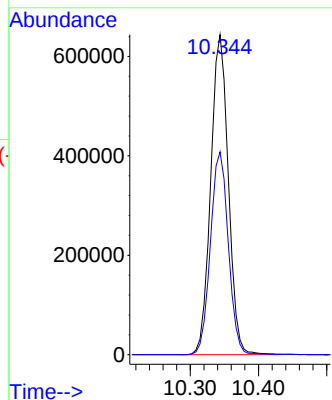
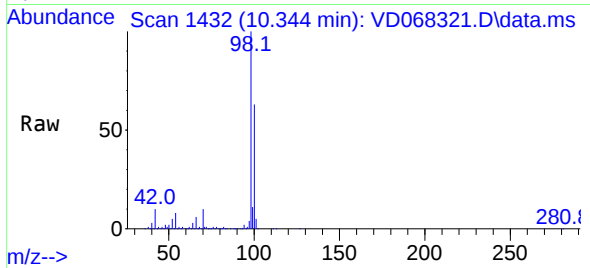




#50
Toluene-d8
Concen: 55.98 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

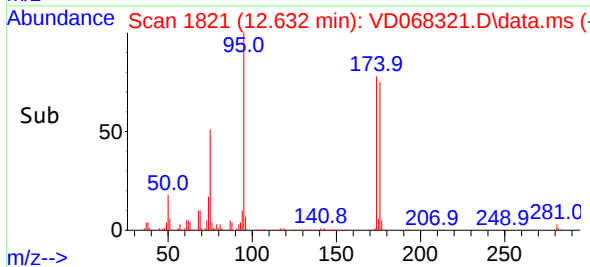
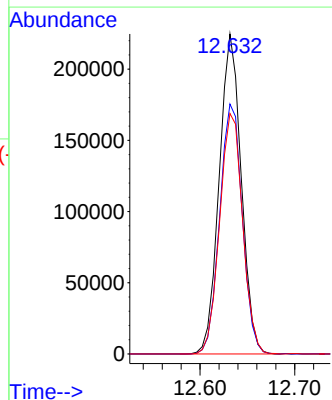
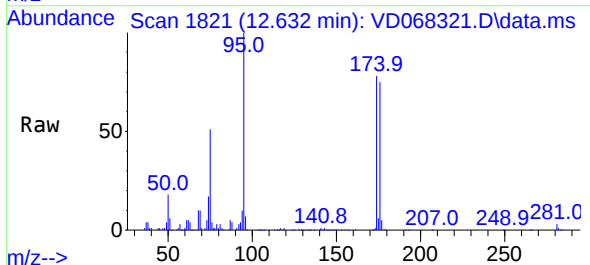
Instrument :
MSVOA_D
ClientSampleId :
CLASSIC BH 01 2-4

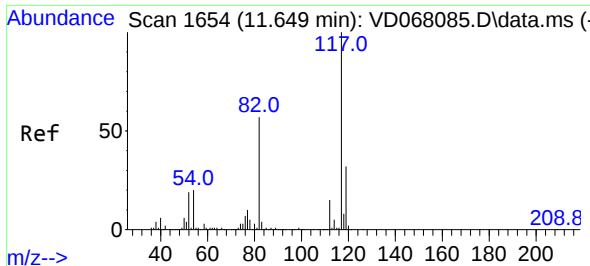
Tgt Ion: 98 Resp: 1157676
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Tgt Ion: 95 Resp: 362919
Ion Ratio Lower Upper
95 100
174 80.2 0.0 172.4
176 78.3 0.0 168.4

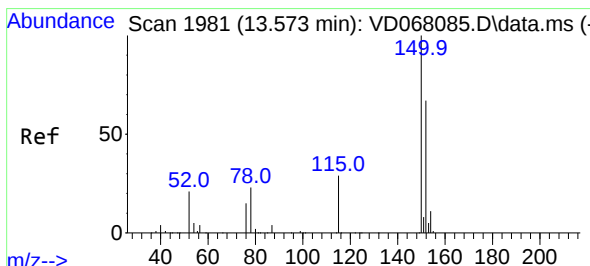
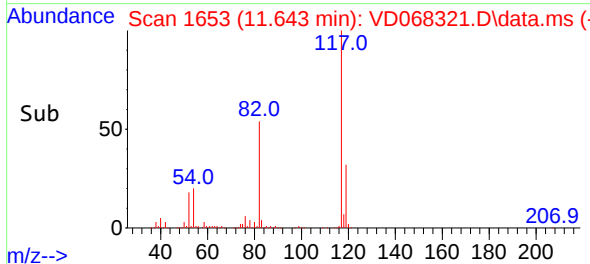
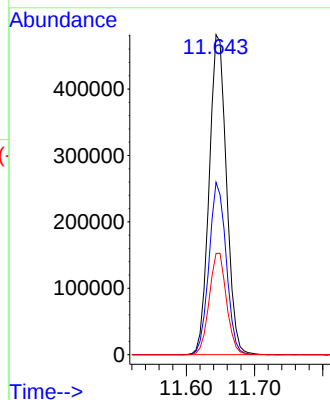
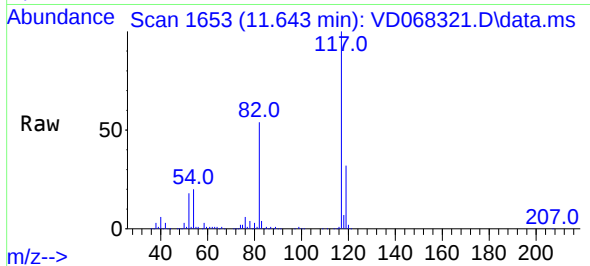




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
CLASSIC BH 01 2-4

Tgt Ion:117 Resp: 849368
Ion Ratio Lower Upper
117 100
82 53.9 41.4 62.0
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Tgt Ion:152 Resp: 370957
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.8
150 157.7 0.0 344.4

