

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068873.D
 Acq On : 16 Apr 2021 13:59
 Operator : VA/SY
 Sample : M2049-15
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11-8.5-9.0

Quant Time: Apr 16 23:49:41 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	7.985	168	194392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	349436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	378389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	187538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	84635	41.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.40%
35) Dibromofluoromethane	7.914	113	106363	46.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.60%
50) Toluene-d8	10.338	98	441744	51.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.04%
62) 4-Bromofluorobenzene	12.632	95	164462	57.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.50%

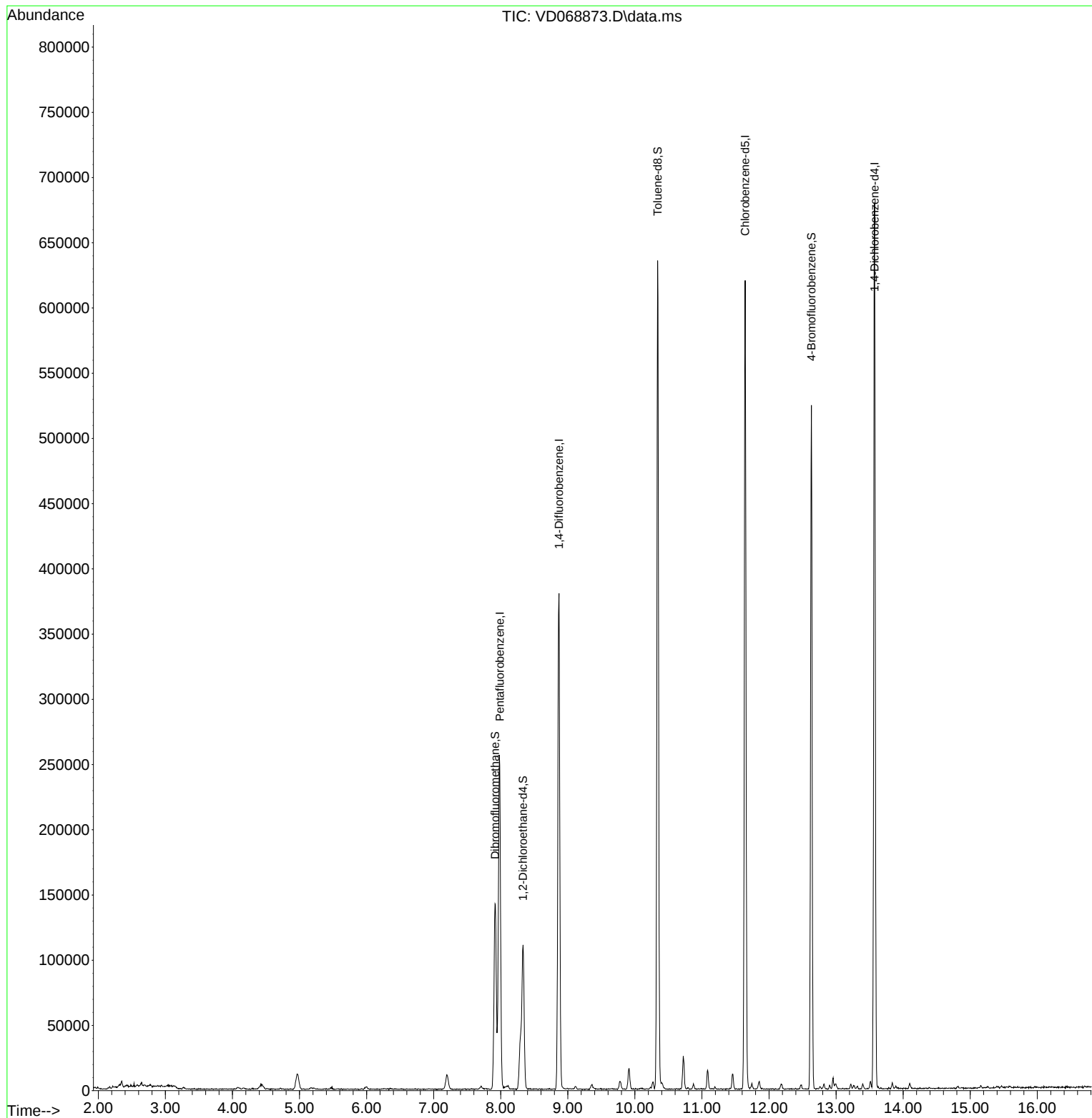
Target Compounds	Qvalue

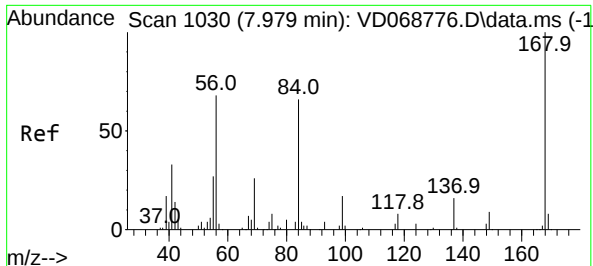
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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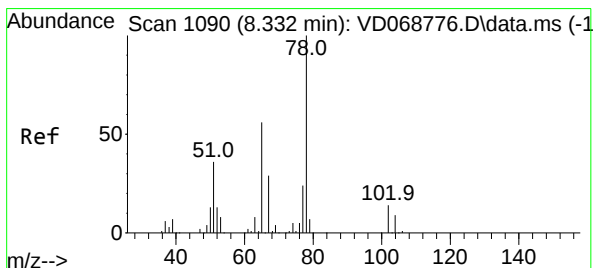
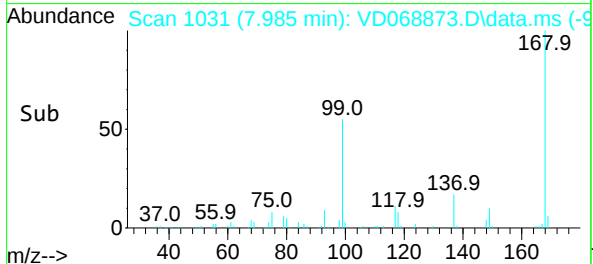
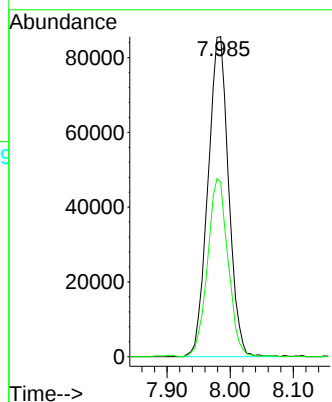
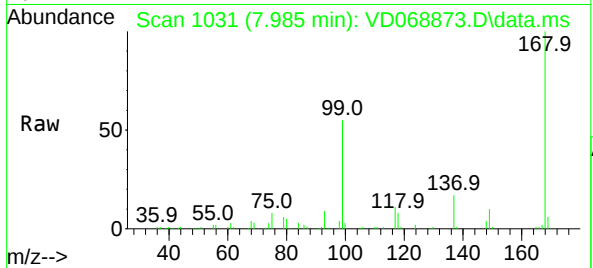




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

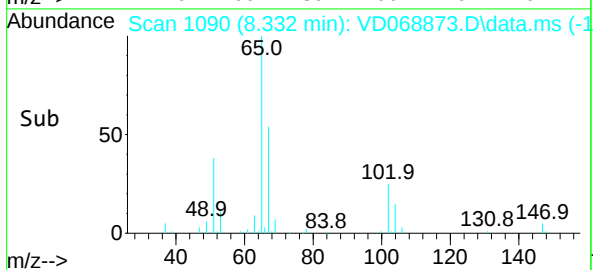
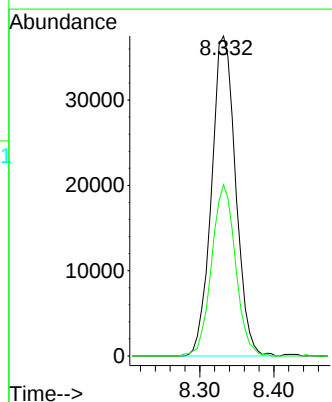
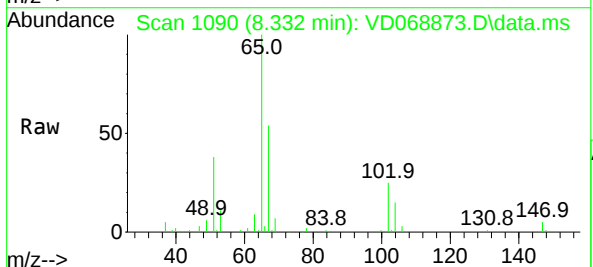
Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

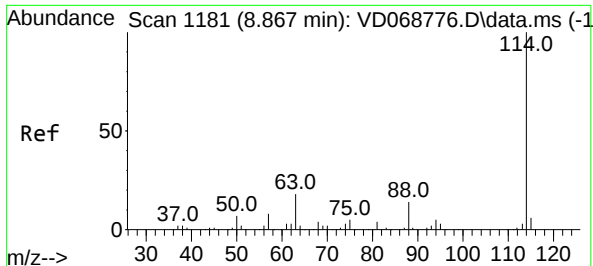
Tgt Ion:168 Resp: 194392
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.20 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Tgt Ion: 65 Resp: 84635
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0

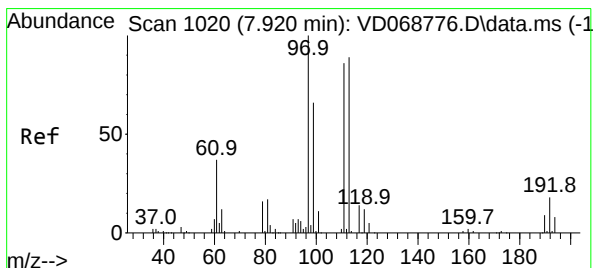
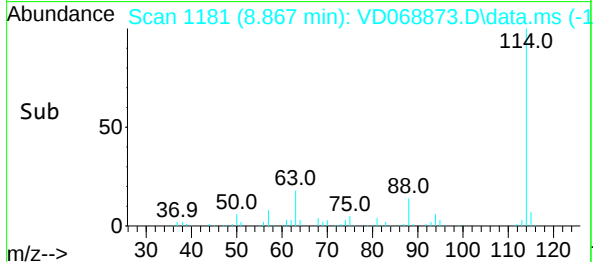
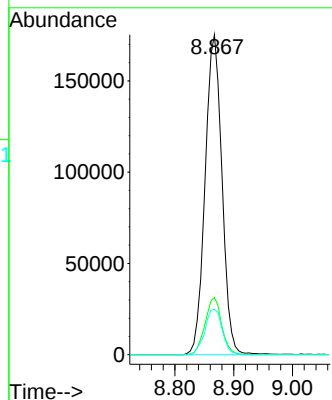
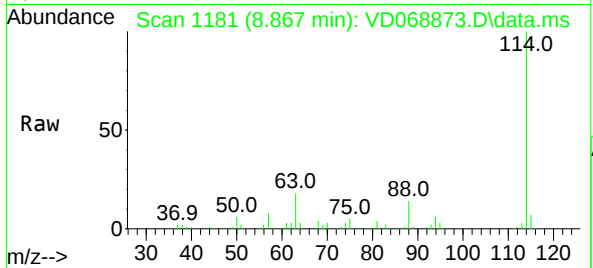




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

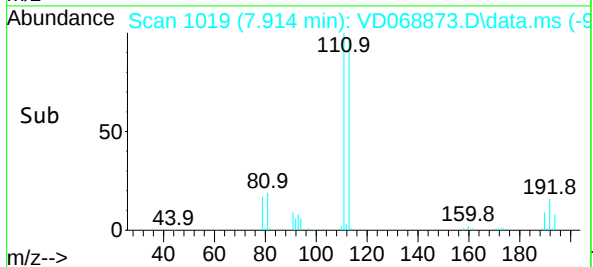
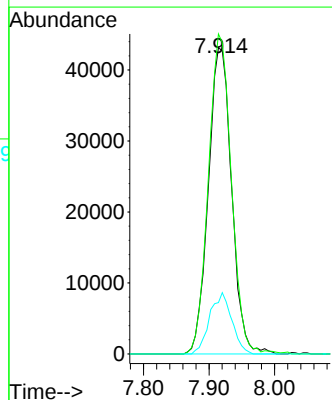
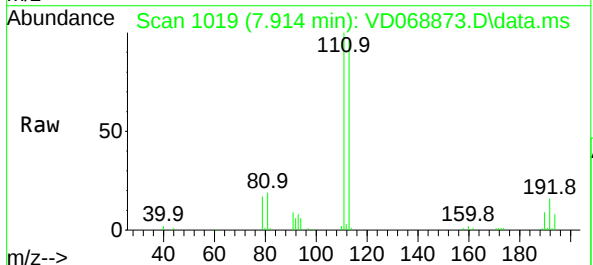
Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

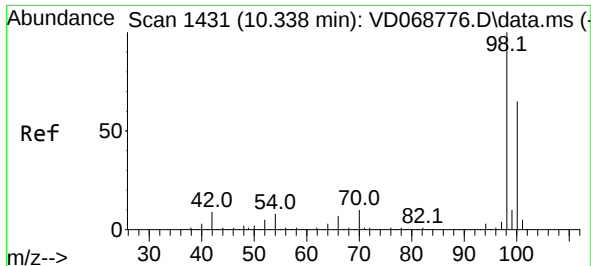
Tgt Ion:114 Resp: 349436
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.80 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Tgt Ion:113 Resp: 106363
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 19.0 15.1 22.7

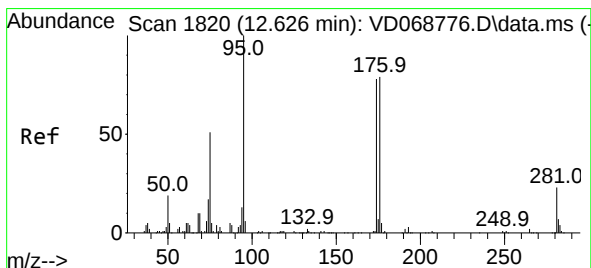
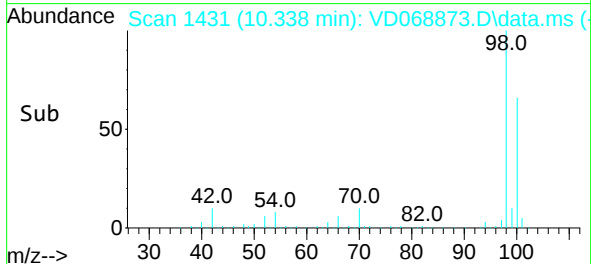
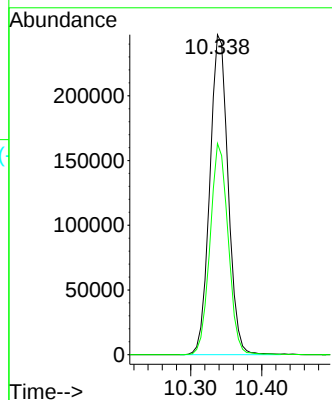
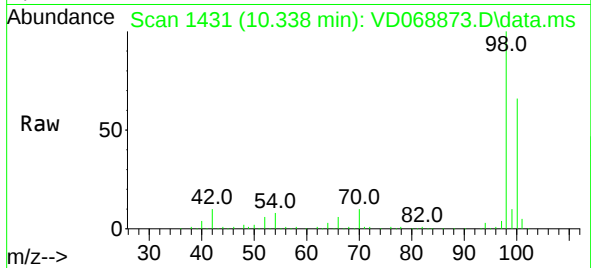




#50
Toluene-d8
Concen: 51.52 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

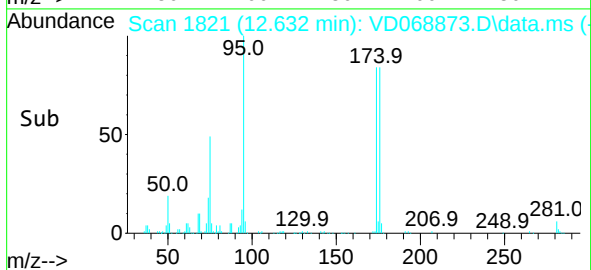
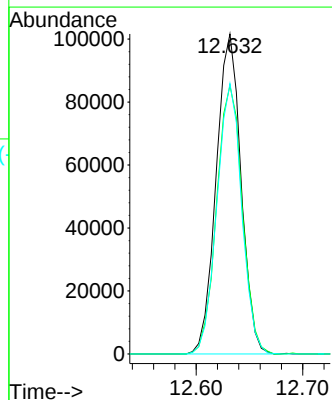
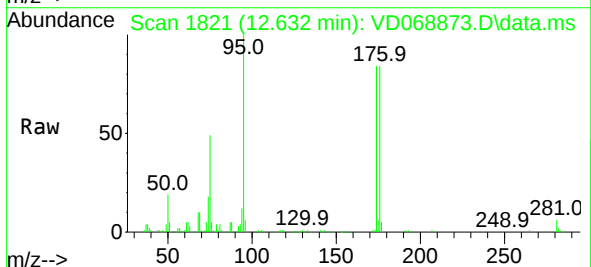
Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

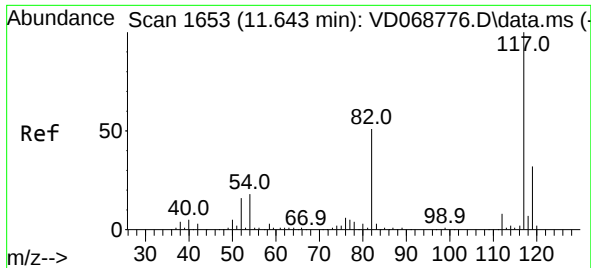
Tgt Ion: 98 Resp: 441744
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Tgt Ion: 95 Resp: 164462
Ion Ratio Lower Upper
95 100
174 86.6 0.0 168.0
176 84.2 0.0 160.2

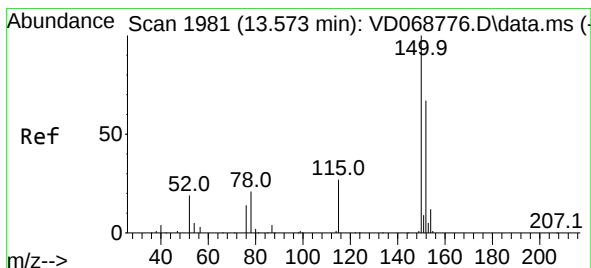
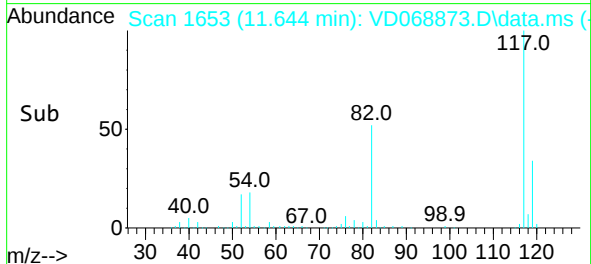
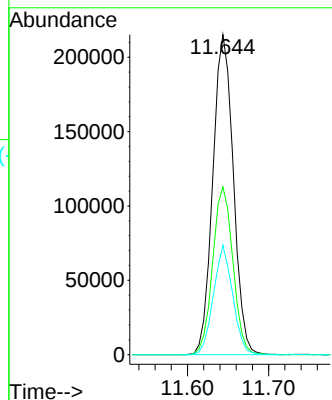
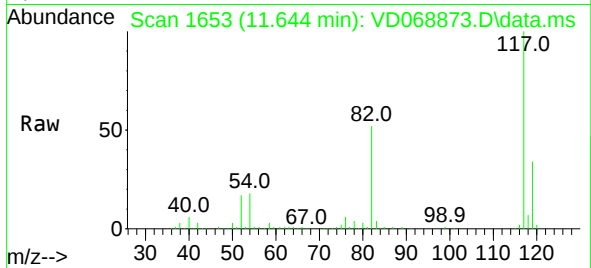




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

Tgt Ion:117 Resp: 378389
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 34.2 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: VD068873.D
Acq: 16 Apr 2021 13:59

Tgt Ion:152 Resp: 187538
Ion Ratio Lower Upper
152 100
115 56.4 29.3 87.8
150 158.5 0.0 347.6

