

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071246.D
 Acq On : 10 Dec 2021 12:40
 Operator : VA/SY
 Sample : M4965-28
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WHITE-BROWN-CONCRETE-VOC

Quant Time: Dec 10 15:24:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	305822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	508160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	535936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	258614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	149289	41.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.20%
35) Dibromofluoromethane	7.914	113	153888	47.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.12%
50) Toluene-d8	10.338	98	647077	52.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.10%
62) 4-Bromofluorobenzene	12.626	95	260985	61.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.28%

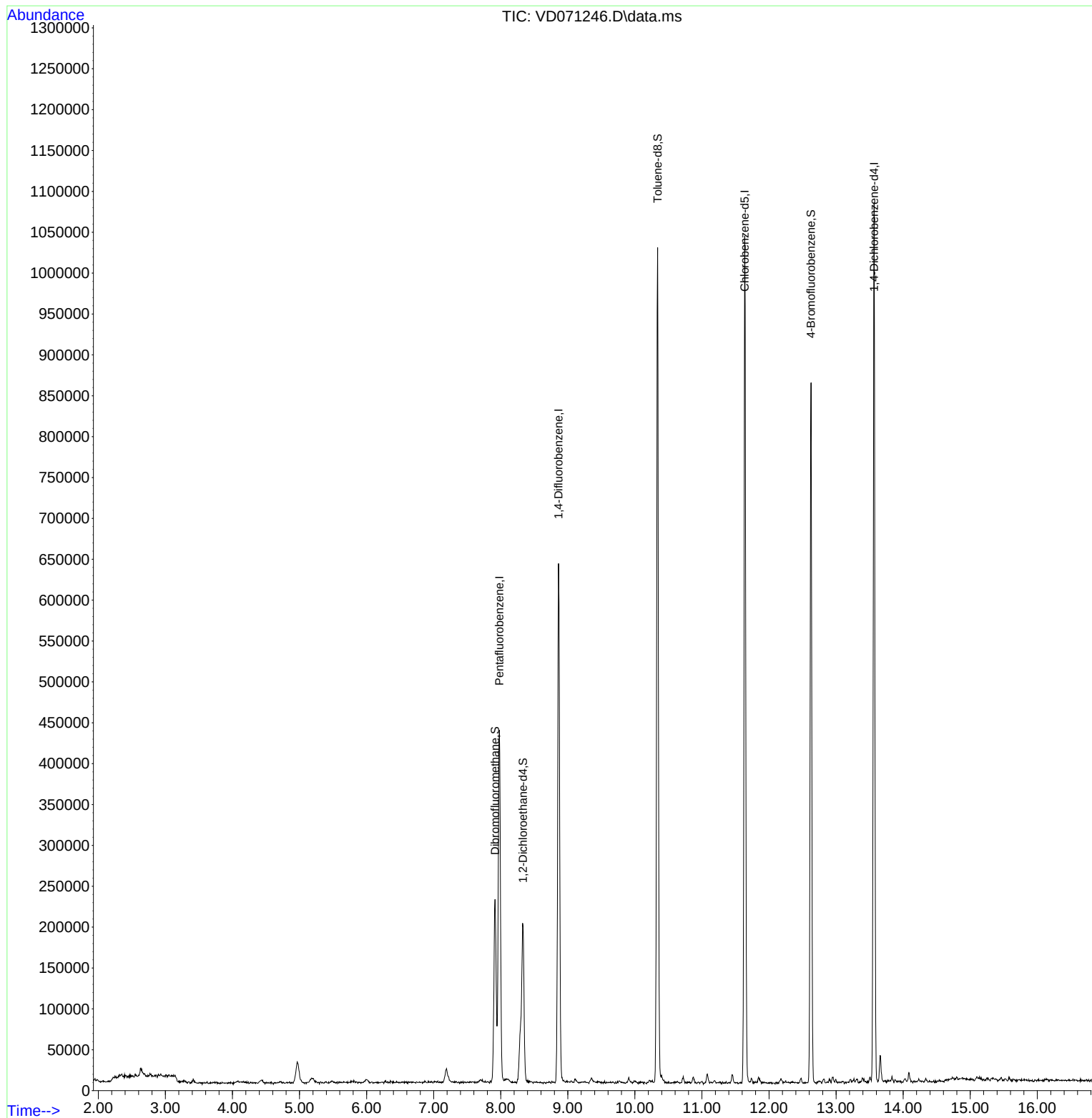
Target Compounds	Qvalue

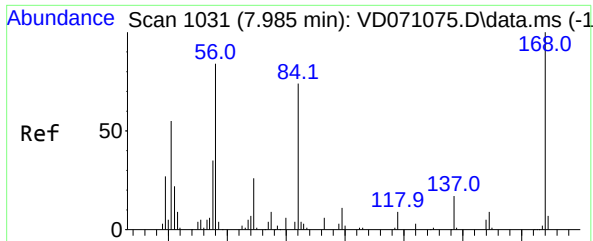
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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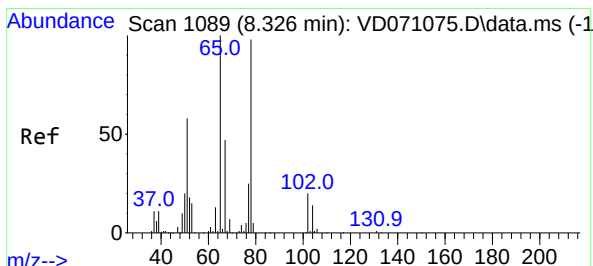
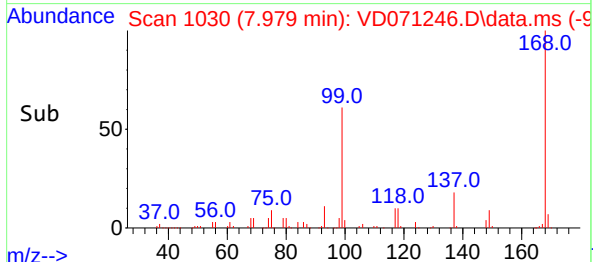
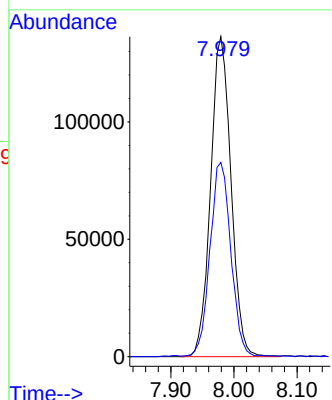
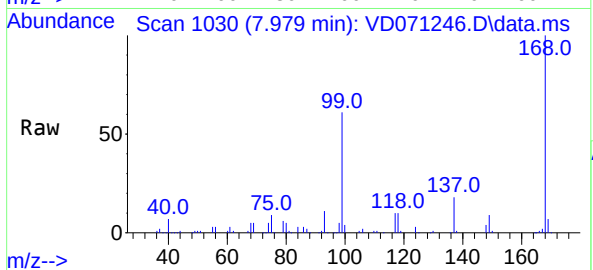




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071246.D
Acq: 10 Dec 2021 12:40

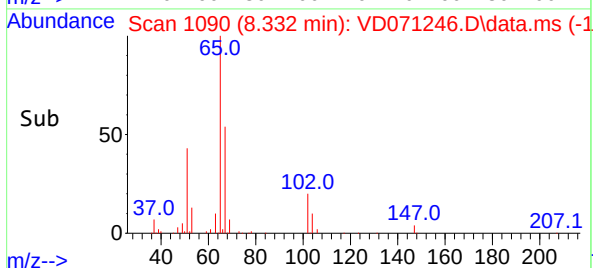
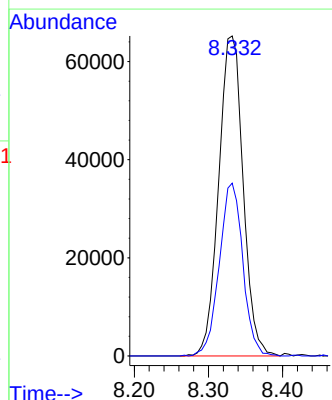
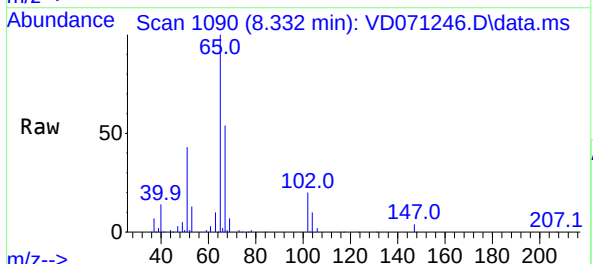
Instrument :
MSVOA_D
ClientSampleId :
WHITE-BROWN-CONCRETE-VOC

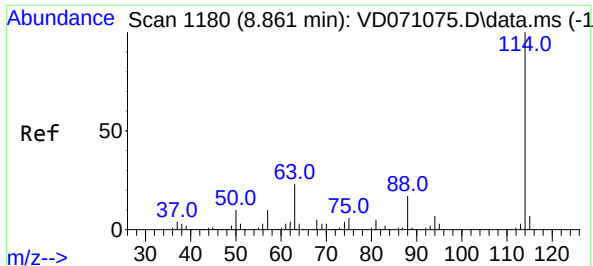
Tgt Ion:168 Resp: 305822
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 41.60 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071246.D
Acq: 10 Dec 2021 12:40

Tgt Ion: 65 Resp: 149289
Ion Ratio Lower Upper
65 100
67 52.1 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071246.D

Acq: 10 Dec 2021 12:40

Instrument :

MSVOA_D

ClientSampleId :

WHITE-BROWN-CONCRETE-VOC

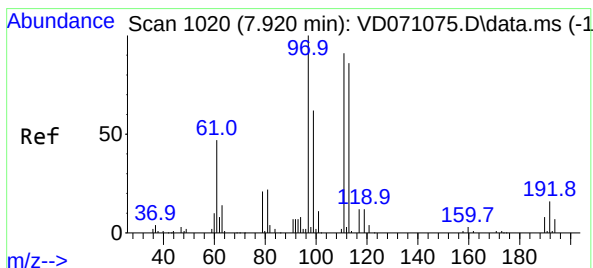
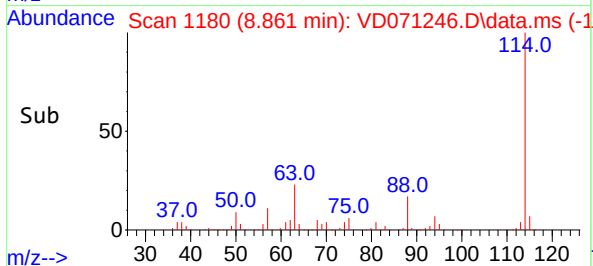
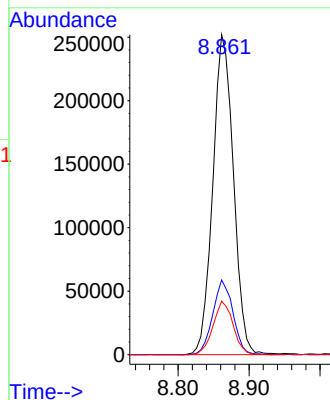
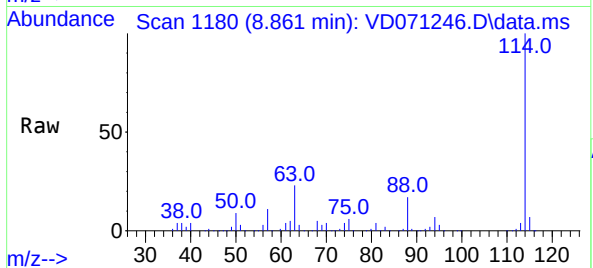
Tgt Ion:114 Resp: 508160

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.56 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071246.D

Acq: 10 Dec 2021 12:40

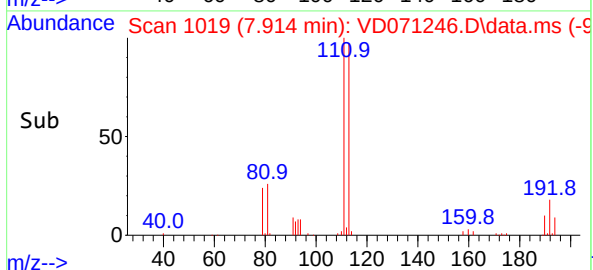
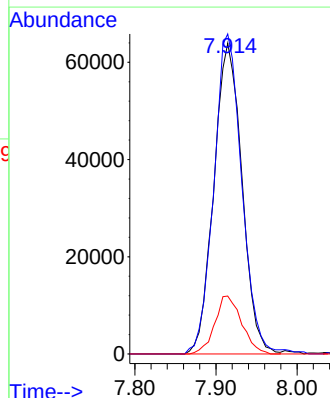
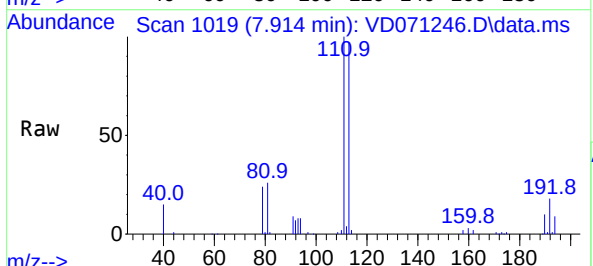
Tgt Ion:113 Resp: 153888

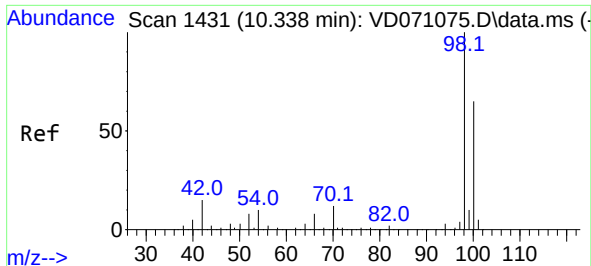
Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 17.8 15.2 22.8

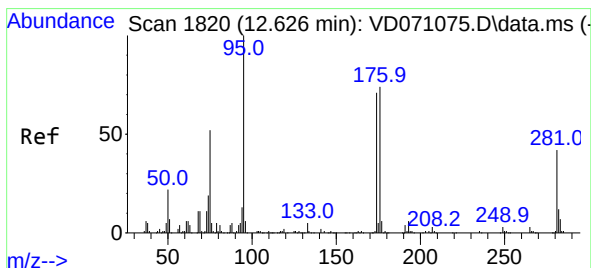
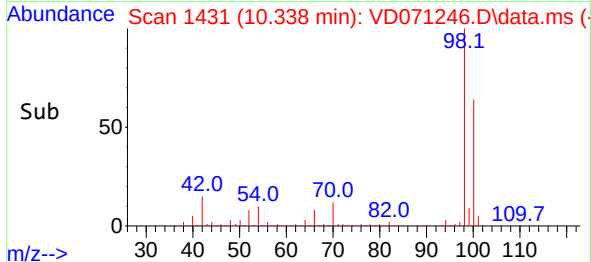
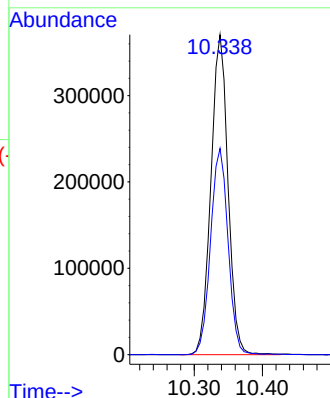
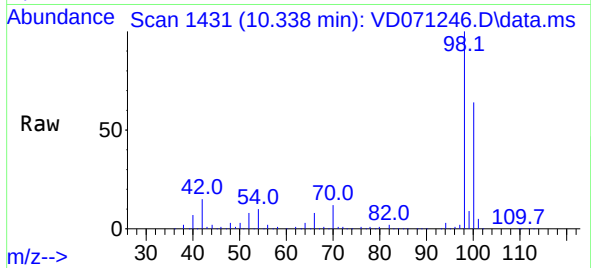




#50
Toluene-d8
Concen: 52.55 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071246.D
Acq: 10 Dec 2021 12:40

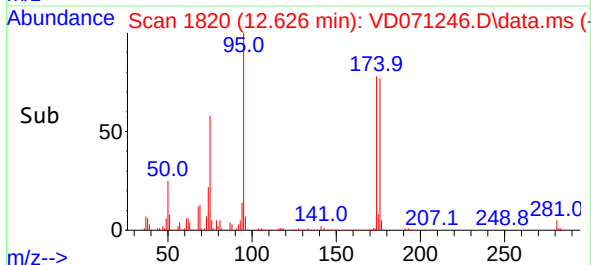
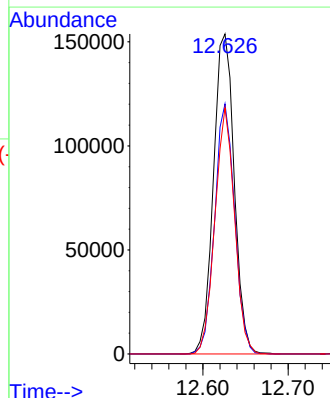
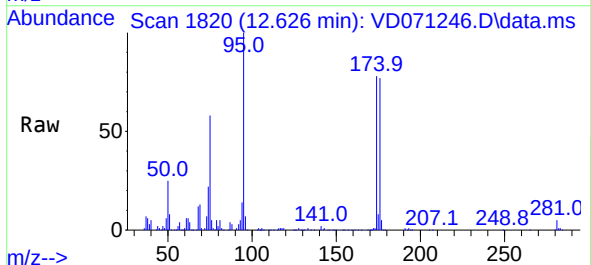
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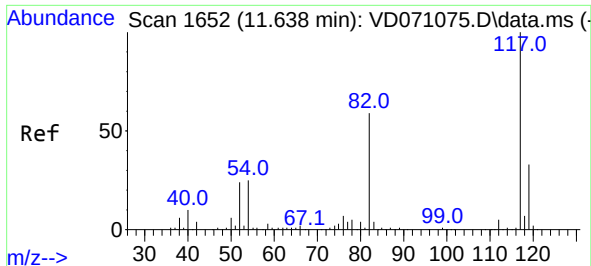
Tgt Ion: 98 Resp: 647077
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.14 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071246.D
Acq: 10 Dec 2021 12:40

Tgt Ion: 95 Resp: 260985
Ion Ratio Lower Upper
95 100
174 75.2 0.0 159.4
176 72.6 0.0 154.0

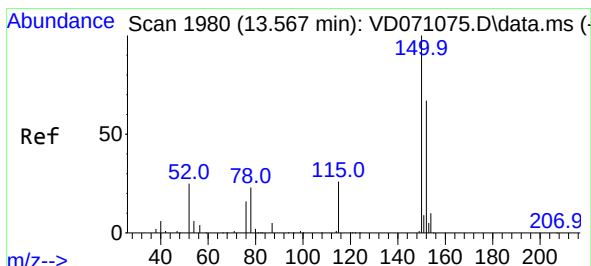
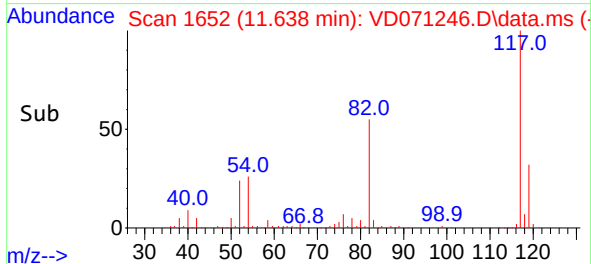
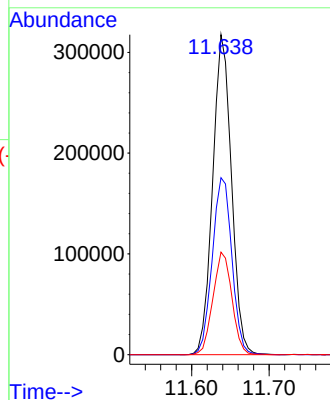
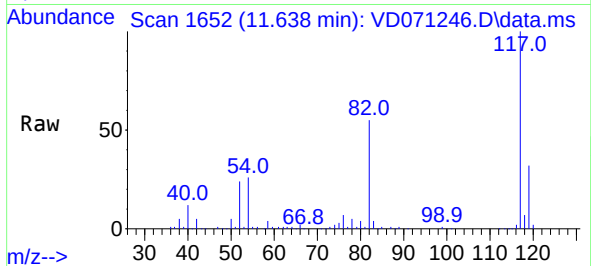




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VD071246.D
Acq: 10 Dec 2021 12:40

Instrument :
MSVOA_D
ClientSampleId :
WHITE-BROWN-CONCRETE-VOC

Tgt Ion:117 Resp: 535936
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071246.D
Acq: 10 Dec 2021 12:40

Tgt Ion:152 Resp: 258614
Ion Ratio Lower Upper
152 100
115 62.0 29.8 89.3
150 156.7 0.0 349.2

