

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071227.D
 Acq On : 09 Dec 2021 14:44
 Operator : VA/SY
 Sample : M4965-22
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RED-WALL-VOC

Quant Time: Dec 10 06:44:47 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	215042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	368443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	413589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	206008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	125221	49.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.26%
35) Dibromofluoromethane	7.914	113	121458	51.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.54%
50) Toluene-d8	10.338	98	480105	53.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.54%
62) 4-Bromofluorobenzene	12.626	95	200166	64.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.34%

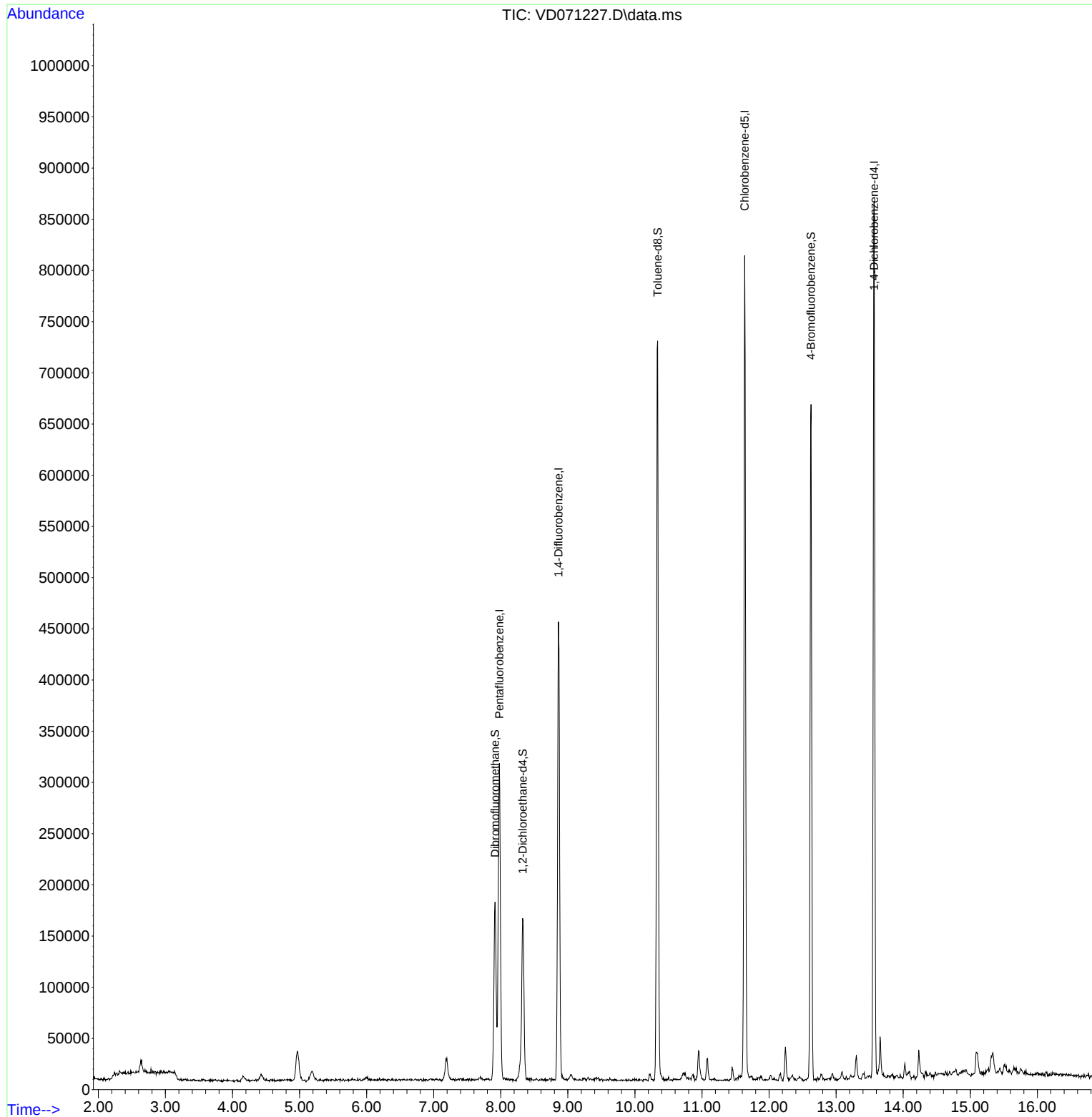
Target Compounds	Qvalue

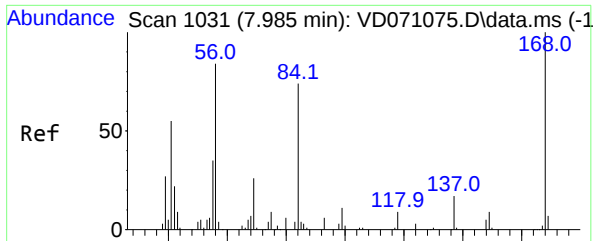
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071227.D

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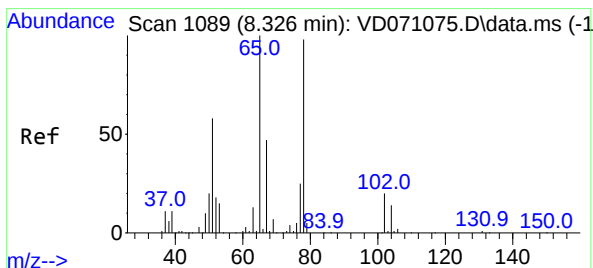
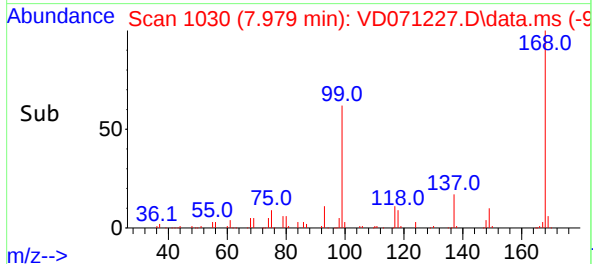
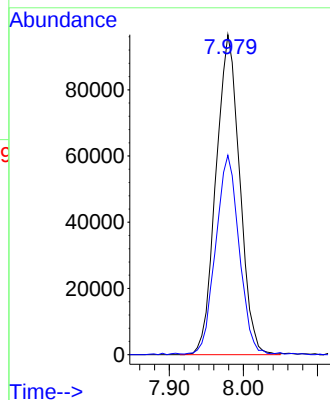
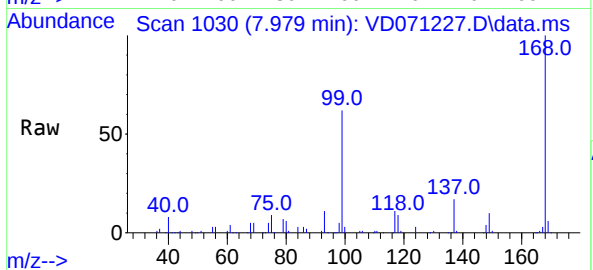
RED-WALL-VOC

Tgt Ion:168 Resp: 215042

Ion Ratio Lower Upper

168 100

99 62.1 46.6 69.8



1,2-Dichloroethane-d4

Concen: 49.63 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071227.D

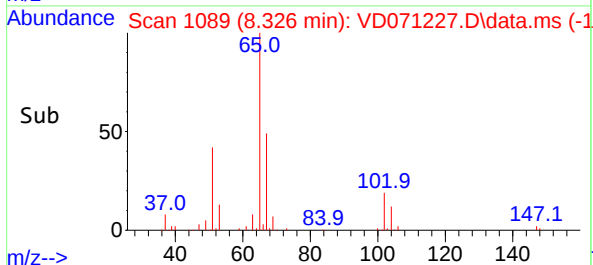
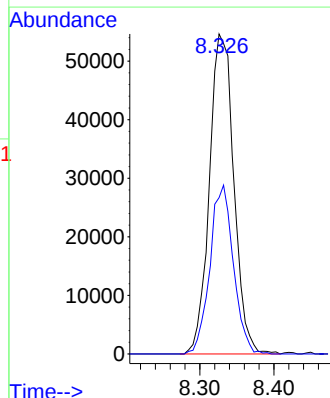
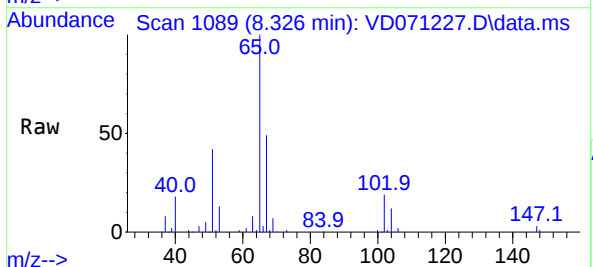
Acq: 09 Dec 2021 14:44

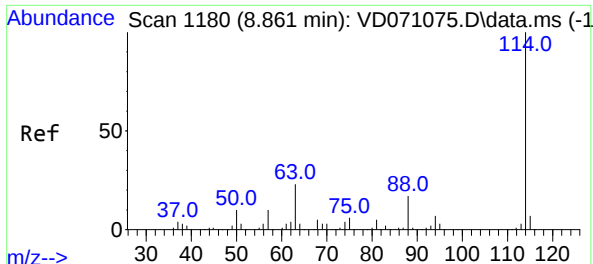
Tgt Ion: 65 Resp: 125221

Ion Ratio Lower Upper

65 100

67 50.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071227.D

Acq: 09 Dec 2021 14:44

Instrument :

MSVOA_D

ClientSampleId :

RED-WALL-VOC

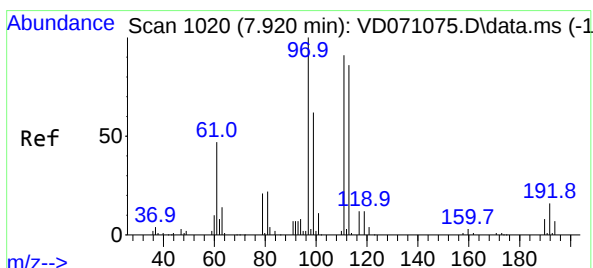
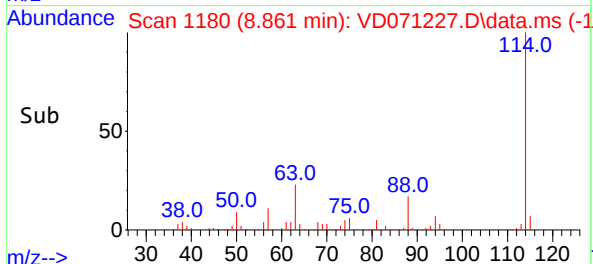
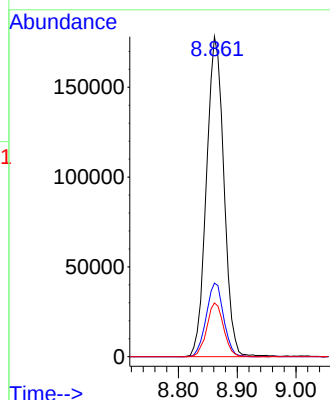
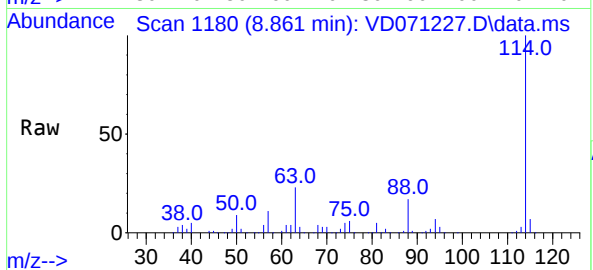
Tgt Ion:114 Resp: 368443

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.77 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071227.D

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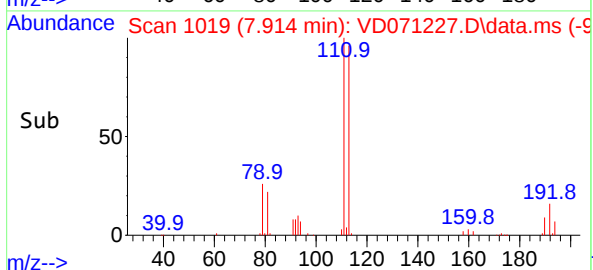
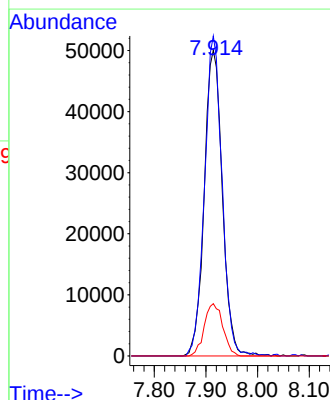
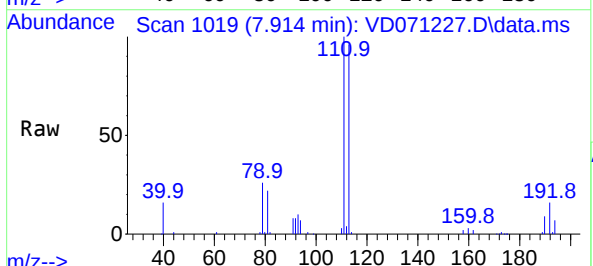
Tgt Ion:113 Resp: 121458

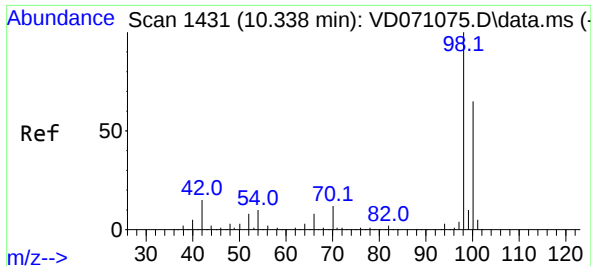
Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

192 17.6 15.2 22.8

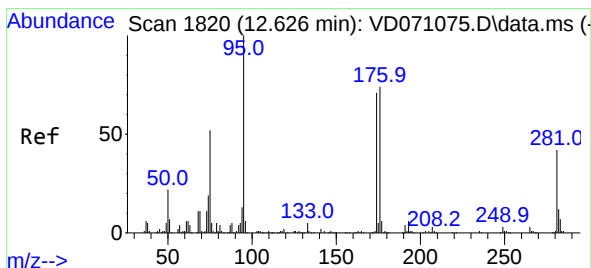
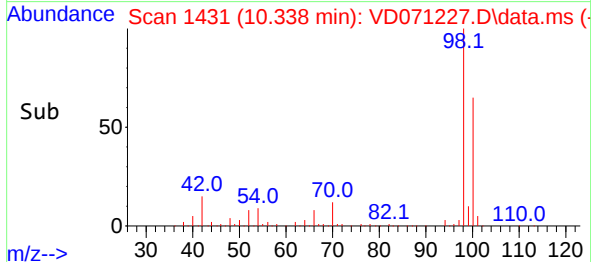
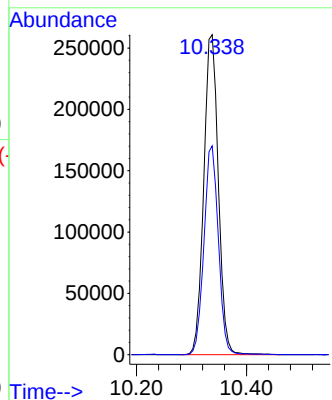
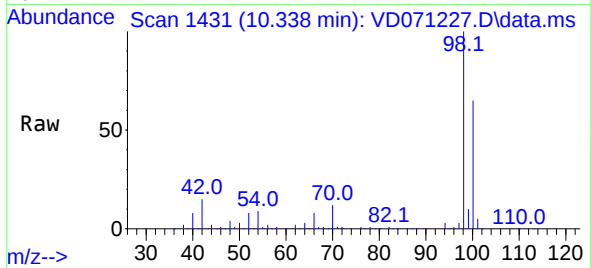




#50
Toluene-d8
Concen: 53.77 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071227.D
Acq: 09 Dec 2021 14:44

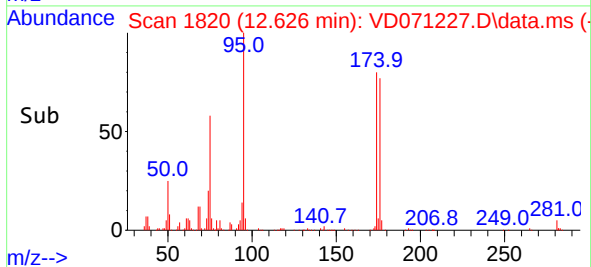
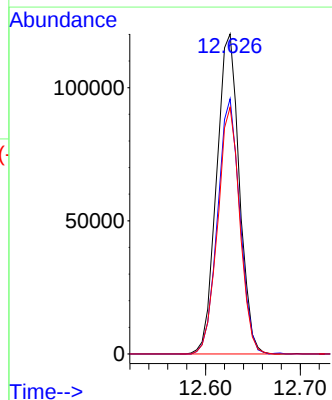
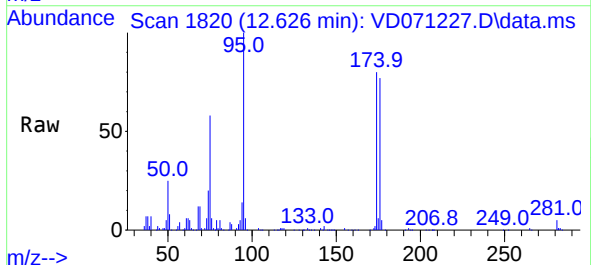
Instrument :
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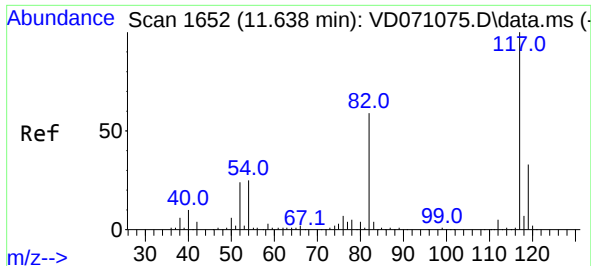
Tgt Ion: 98 Resp: 480105
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.67 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071227.D
Acq: 09 Dec 2021 14:44

Tgt Ion: 95 Resp: 200166
Ion Ratio Lower Upper
95 100
174 78.1 0.0 159.4
176 75.0 0.0 154.0

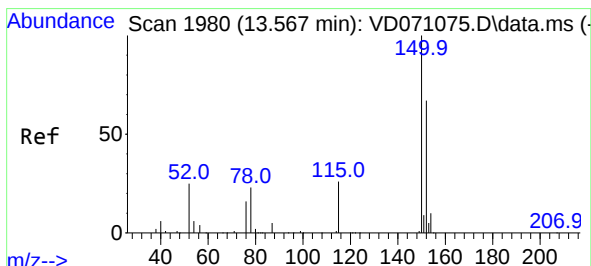
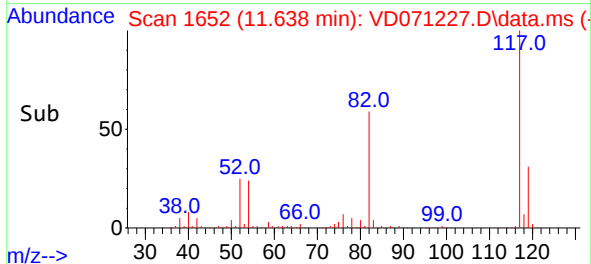
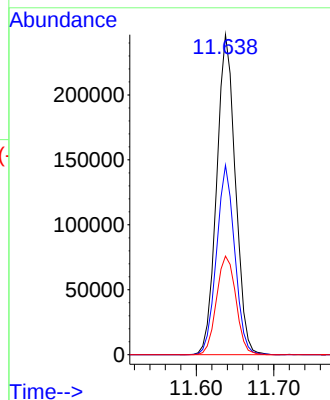
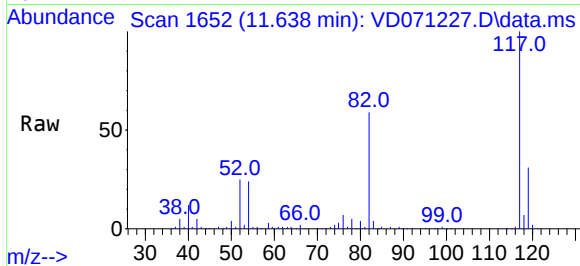




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071227.D
Acq: 09 Dec 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :
RED-WALL-VOC

Tgt Ion:117 Resp: 413589
Ion Ratio Lower Upper
117 100
82 59.2 44.7 67.1
119 30.8 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: VD071227.D
Acq: 09 Dec 2021 14:44

Tgt Ion:152 Resp: 206008
Ion Ratio Lower Upper
152 100
115 61.9 29.8 89.3
150 160.4 0.0 349.2

