

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071325.D
 Acq On : 14 Dec 2021 17:21
 Operator : VA/SY
 Sample : M5065-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UV-1WC

Quant Time: Dec 15 08:31:56 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	7.973	168	79477	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	133494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	167004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	88275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	62155	66.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.300%
35) Dibromofluoromethane	7.914	113	49875	58.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.340%
50) Toluene-d8	10.332	98	181792	56.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.400%
62) 4-Bromofluorobenzene	12.620	95	81263	72.468	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	144.940%#

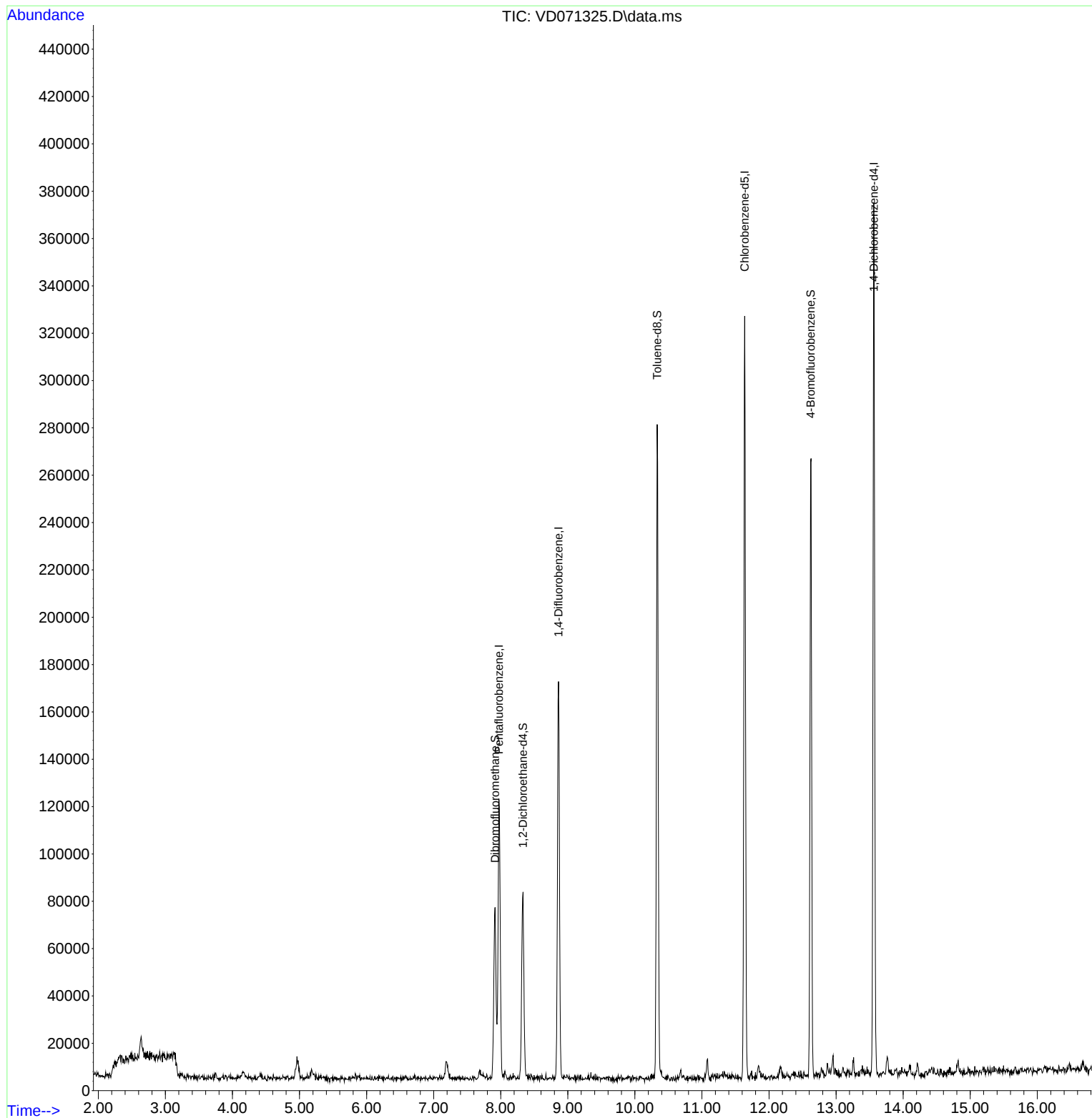
Target Compounds	Qvalue

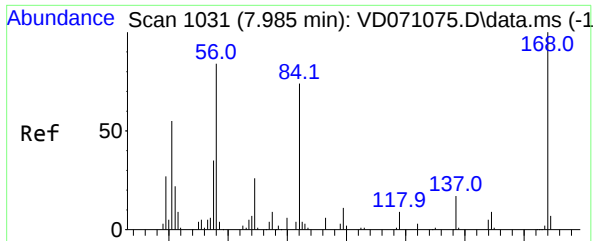
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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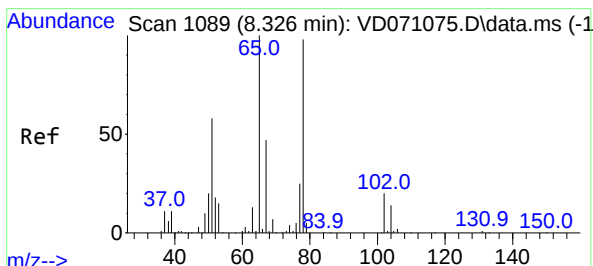
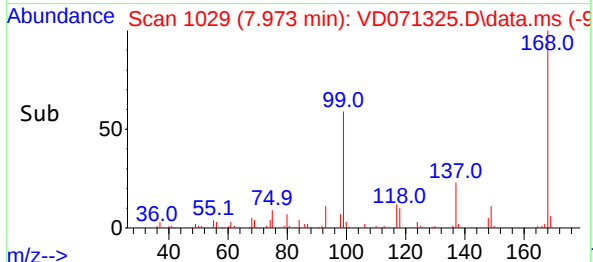
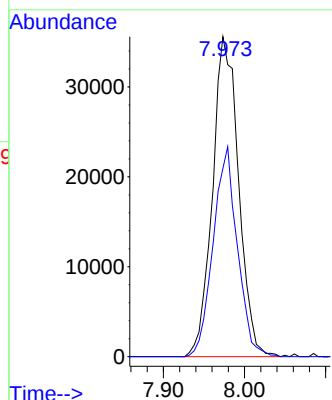
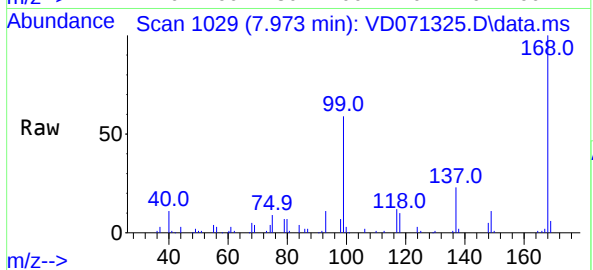




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071325.D
Acq: 14 Dec 2021 17:21

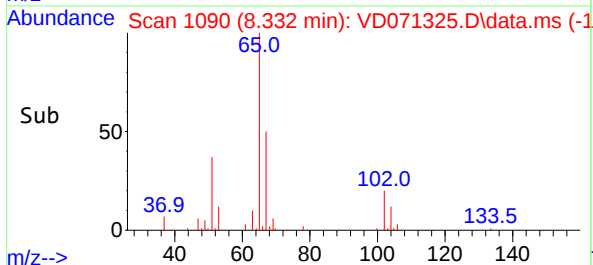
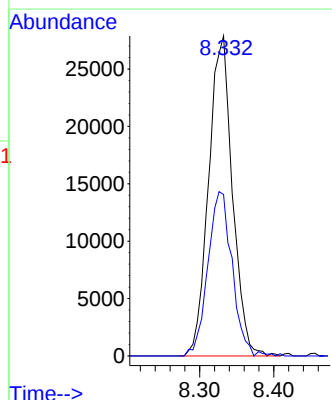
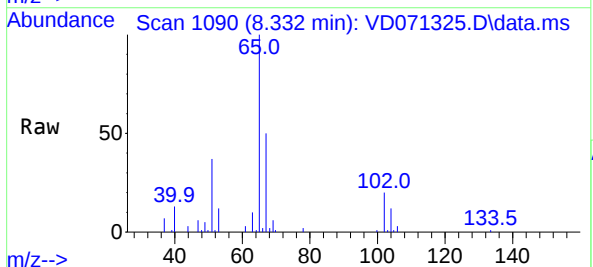
Instrument :
MSVOA_D
ClientSampleId :
UV-1WC

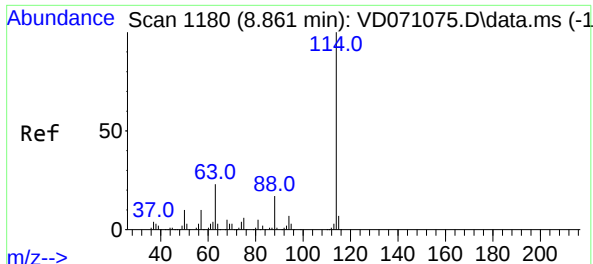
Tgt Ion:168 Resp: 79477
Ion Ratio Lower Upper
168 100
99 58.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 66.649 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071325.D
Acq: 14 Dec 2021 17:21

Tgt Ion: 65 Resp: 62155
Ion Ratio Lower Upper
65 100
67 52.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071325.D

Acq: 14 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

UV-1WC

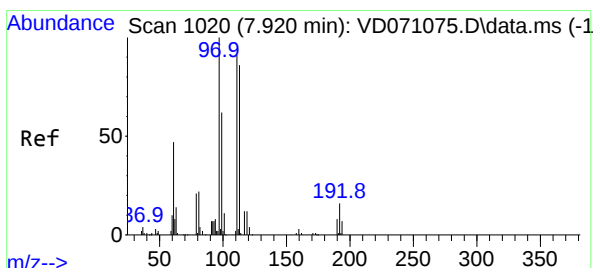
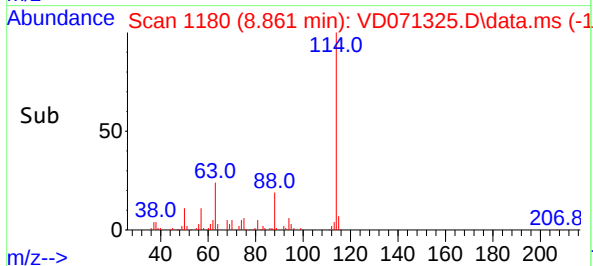
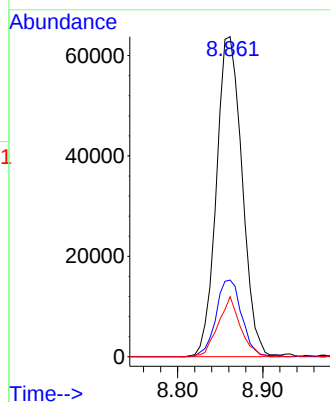
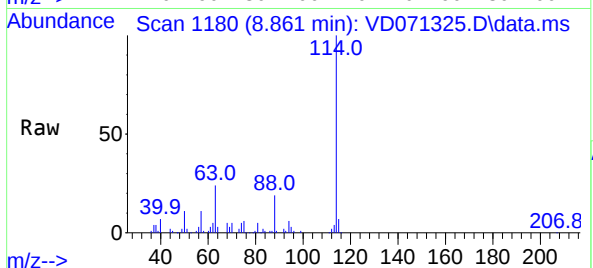
Tgt Ion:114 Resp: 133494

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.8

88 18.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 58.671 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071325.D

Acq: 14 Dec 2021 17:21

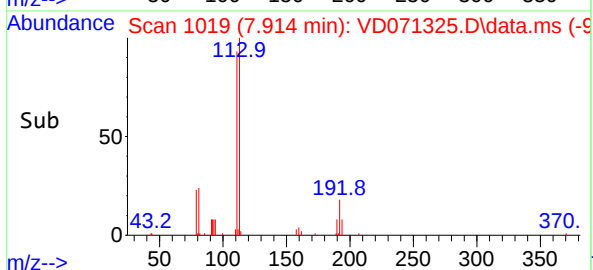
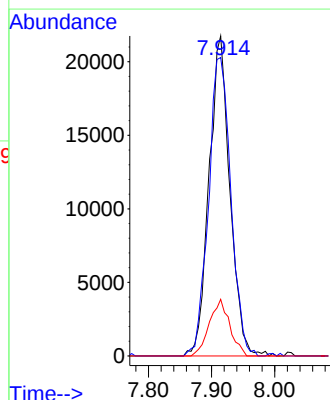
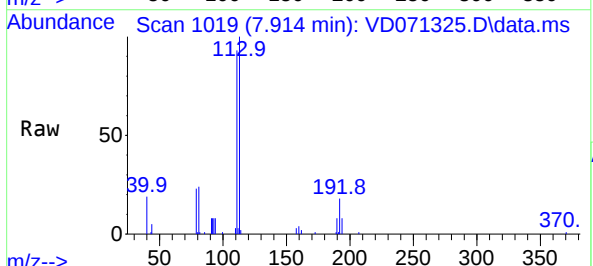
Tgt Ion:113 Resp: 49875

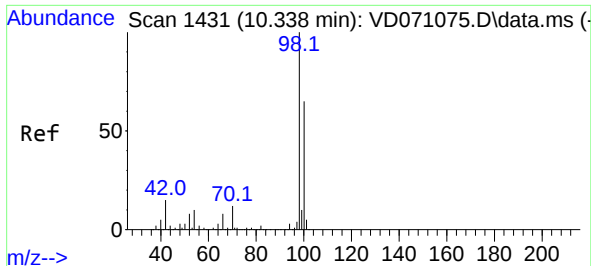
Ion Ratio Lower Upper

113 100

111 100.1 82.0 123.0

192 17.3 15.2 22.8

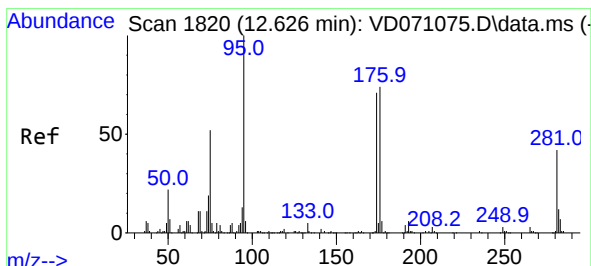
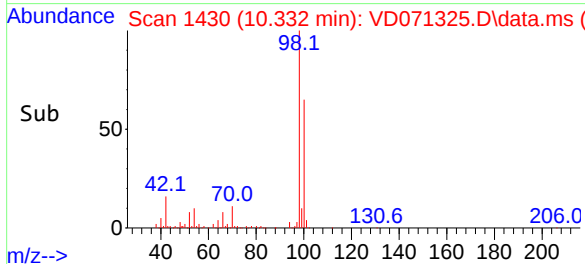
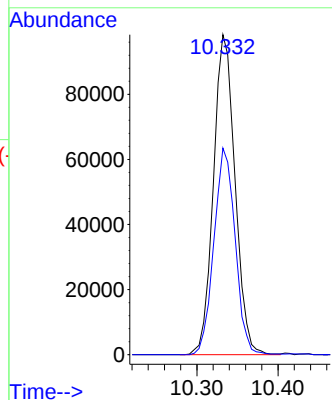
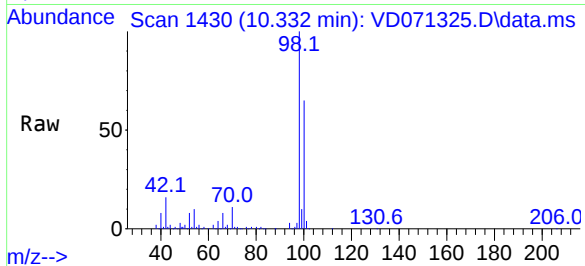




#50
Toluene-d8
Concen: 56.196 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071325.D
Acq: 14 Dec 2021 17:21

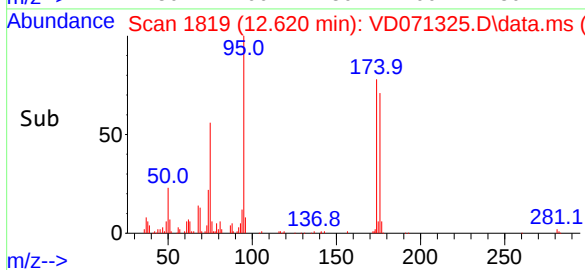
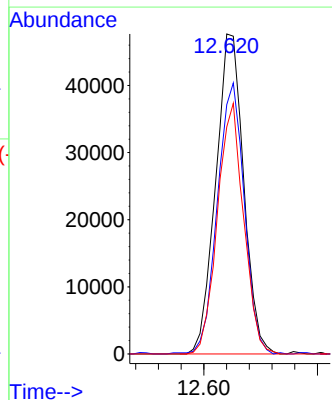
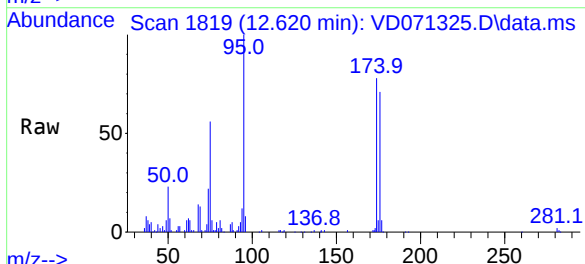
Instrument :
MSVOA_D
ClientSampleId :
UV-1WC

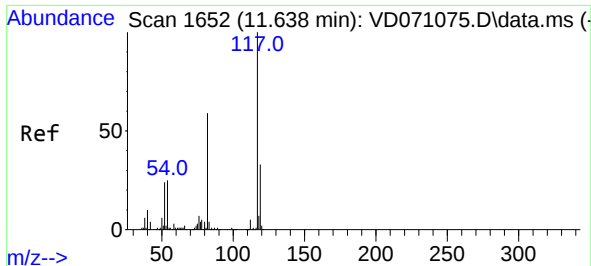
Tgt Ion: 98 Resp: 181792
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 72.468 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071325.D
Acq: 14 Dec 2021 17:21

Tgt Ion: 95 Resp: 81263
Ion Ratio Lower Upper
95 100
174 81.8 0.0 159.4
176 73.5 0.0 154.0

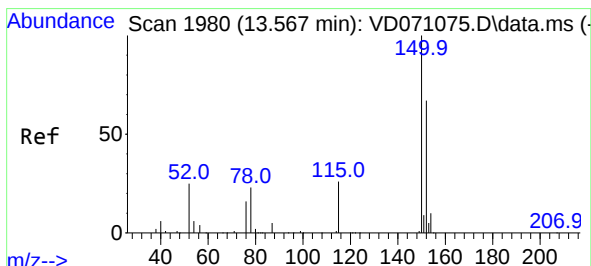
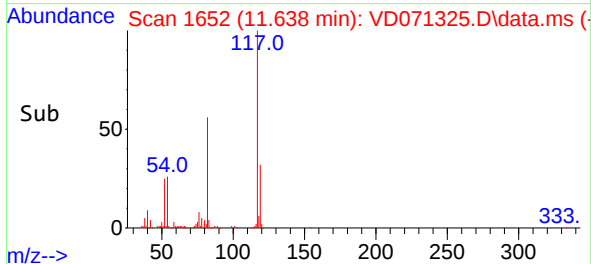
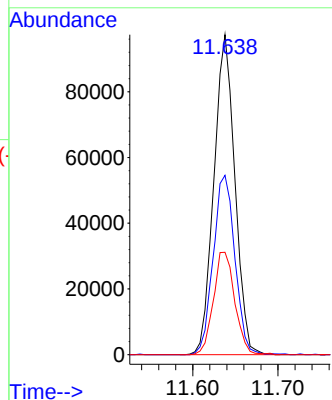
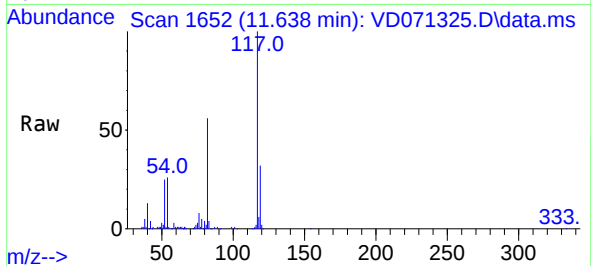




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071325.D
Acq: 14 Dec 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :
UV-1WC

Tgt Ion:117 Resp: 167004
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071325.D
Acq: 14 Dec 2021 17:21

Tgt Ion:152 Resp: 88275
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 158.0 0.0 349.2

