

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020937.D
 Acq On : 22 Nov 2021 15:24
 Operator : SY/VA
 Sample : M4758-23RE
 Misc : 5.03g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP12RE

Quant Time: Nov 23 02:24:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	11210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	16598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	14947	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	7021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	4648	44.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.520%
35) Dibromofluoromethane	7.891	113	4570	43.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.800%
50) Toluene-d8	10.323	98	16137	42.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.520%
62) 4-Bromofluorobenzene	12.615	95	5664	39.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.540%

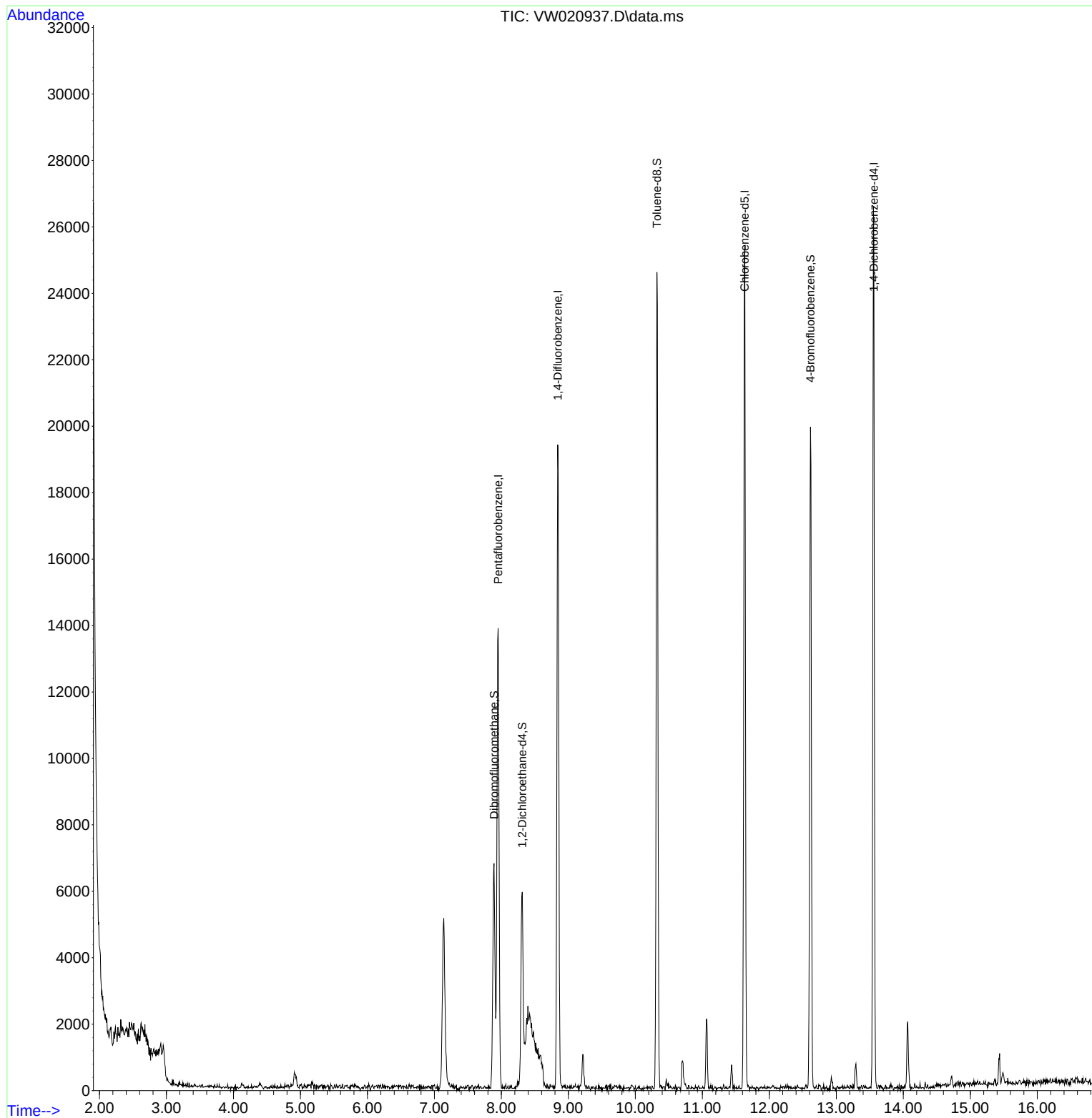
Target Compounds	Qvalue

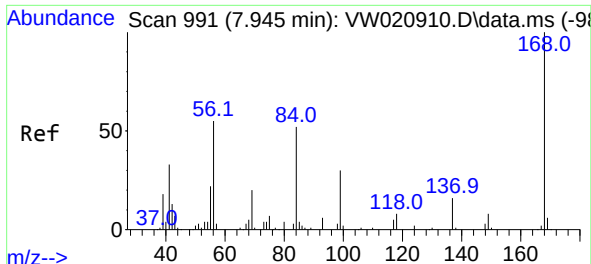
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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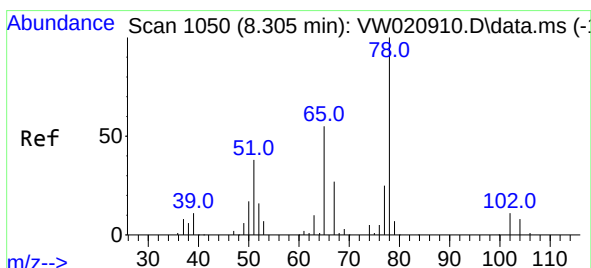
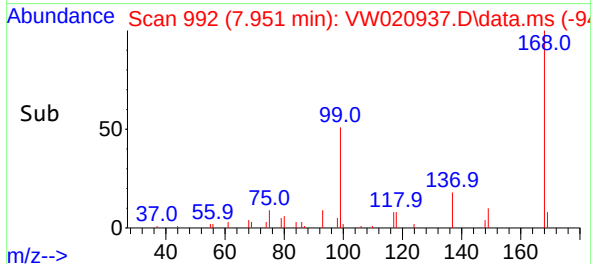
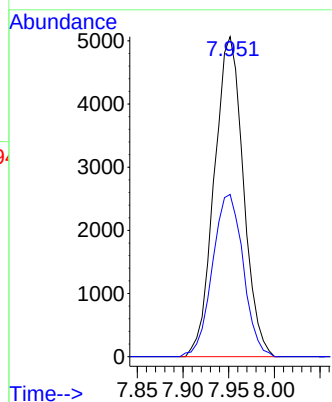
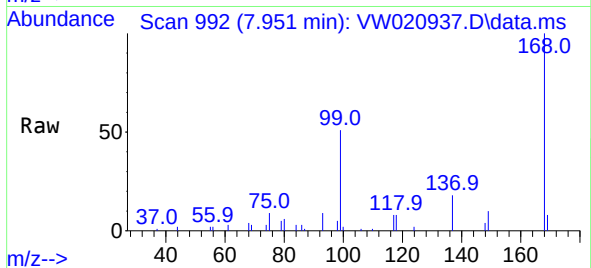




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 991
Delta R.T. 0.006 min
Lab File: VW020937.D
Acq: 22 Nov 2021 15:24

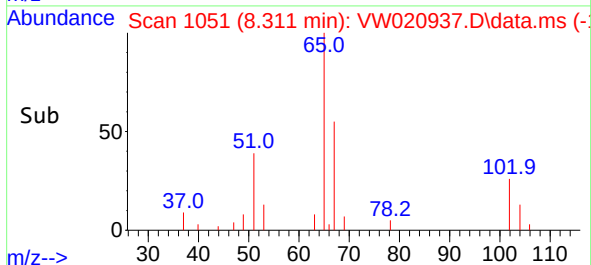
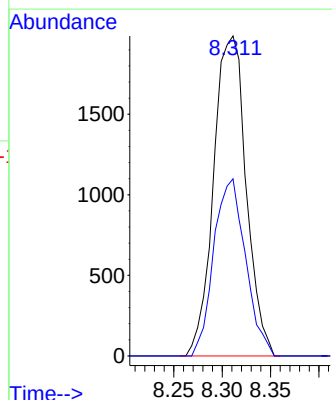
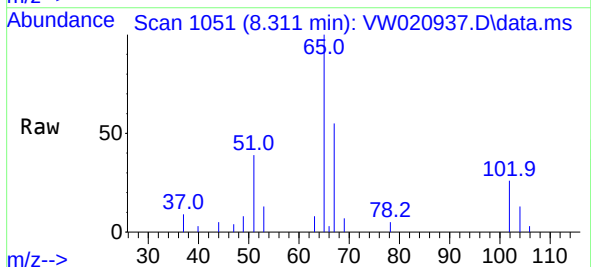
Instrument :
MSVOA_W
ClientSampleId :
TP12RE

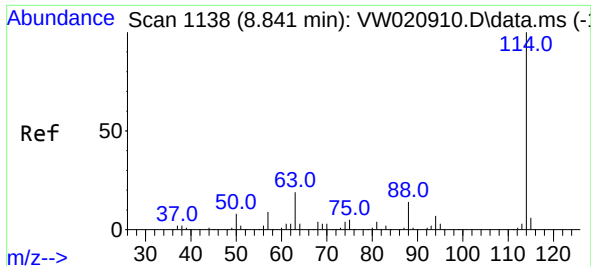
Tgt Ion:168 Resp: 11210
Ion Ratio Lower Upper
168 100
99 50.7 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 44.762 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020937.D
Acq: 22 Nov 2021 15:24

Tgt Ion: 65 Resp: 4648
Ion Ratio Lower Upper
65 100
67 54.0 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020937.D

Acq: 22 Nov 2021 15:24

Instrument :

MSVOA_W

ClientSampleId :

TP12RE

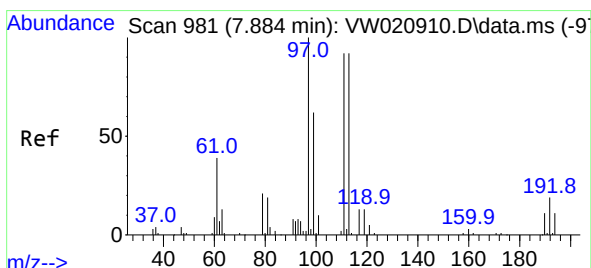
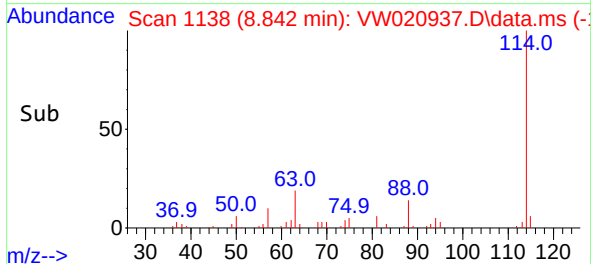
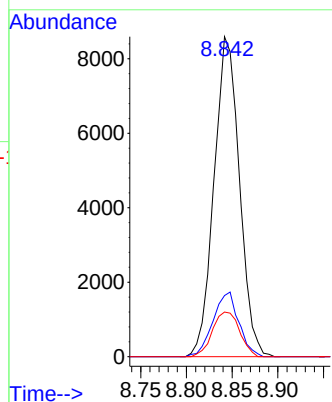
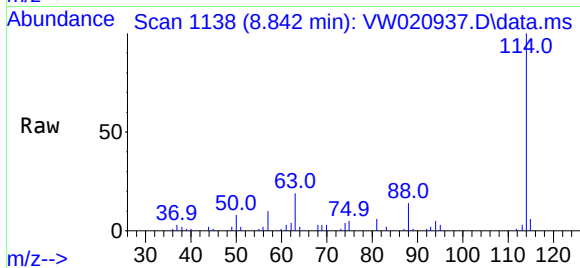
Tgt Ion:114 Resp: 16598

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.2

88 13.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 43.895 ug/l

RT: 7.891 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW020937.D

Acq: 22 Nov 2021 15:24

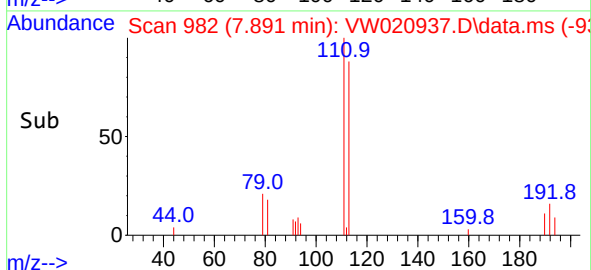
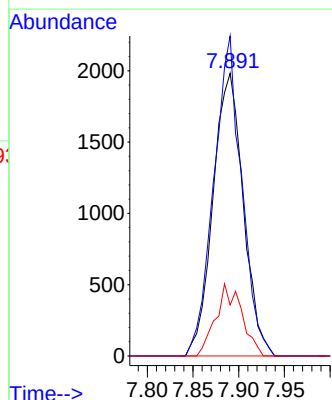
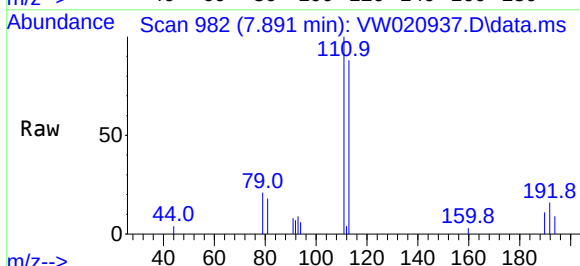
Tgt Ion:113 Resp: 4570

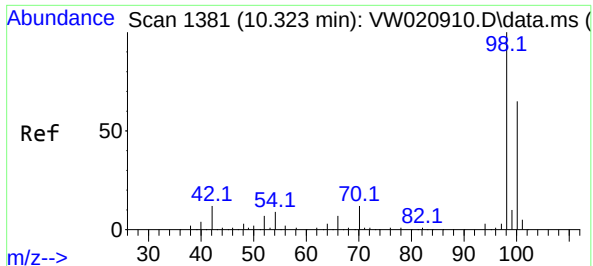
Ion Ratio Lower Upper

113 100

111 104.4 81.2 121.8

192 21.8 16.8 25.2

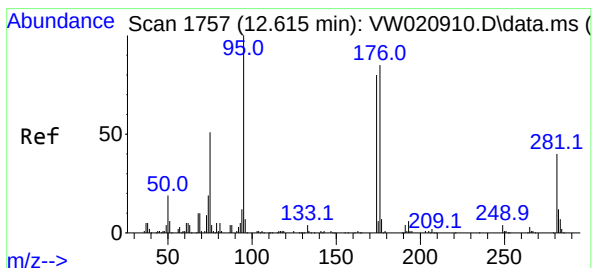
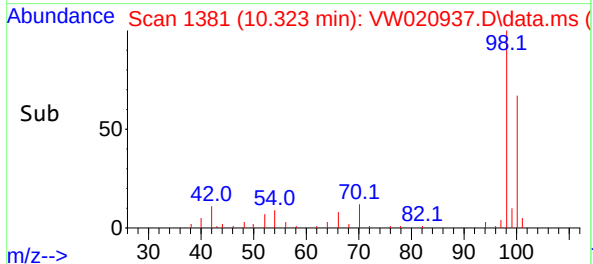
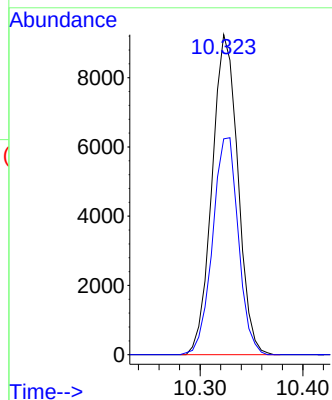
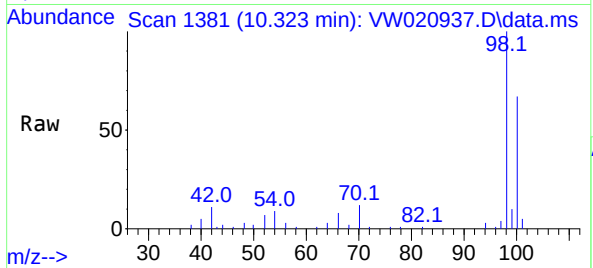




#50
Toluene-d8
Concen: 42.261 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020937.D
Acq: 22 Nov 2021 15:24

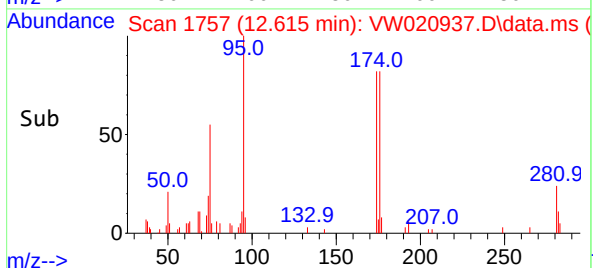
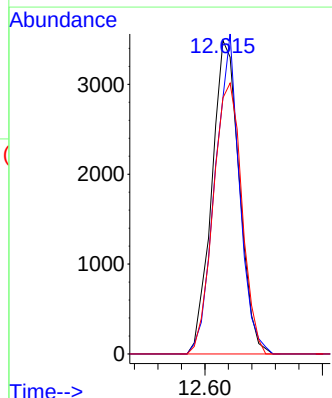
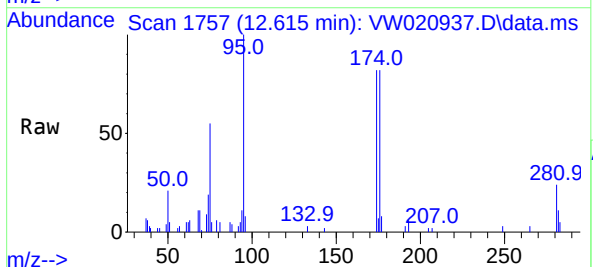
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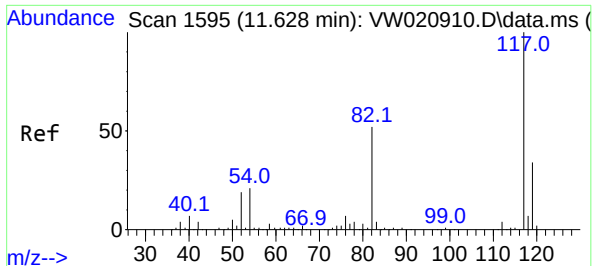
Tgt Ion: 98 Resp: 16137
Ion Ratio Lower Upper
98 100
100 67.6 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 39.774 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020937.D
Acq: 22 Nov 2021 15:24

Tgt Ion: 95 Resp: 5664
Ion Ratio Lower Upper
95 100
174 90.6 0.0 171.2
176 90.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.634 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW020937.D

Acq: 22 Nov 2021 15:24

Instrument :

MSVOA_W

ClientSampleId :

TP12RE

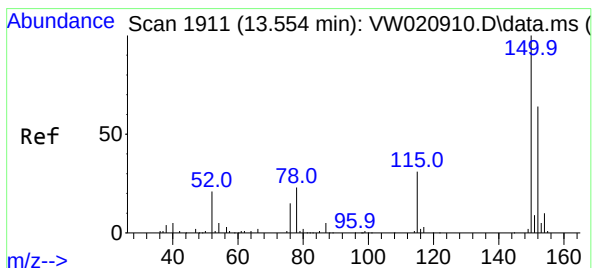
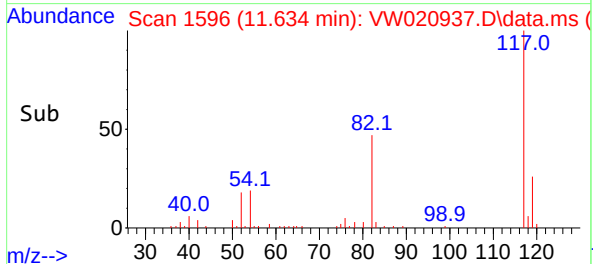
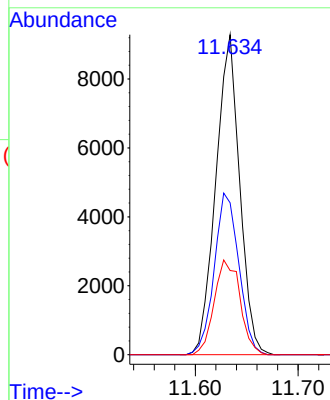
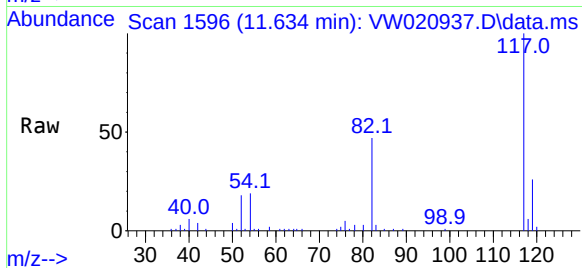
Tgt Ion:117 Resp: 14947

Ion Ratio Lower Upper

117 100

82 47.5 41.4 62.2

119 26.3 27.2 40.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.560 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VW020937.D

Acq: 22 Nov 2021 15:24

Tgt Ion:152 Resp: 7021

Ion Ratio Lower Upper

152 100

115 59.8 27.8 83.3

150 157.1 0.0 348.4

