

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021738.D
 Acq On : 05 Jan 2022 18:09
 Operator : SY/VA
 Sample : M5342-02
 Misc : 5.68g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(0-2)

Quant Time: Jan 06 05:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

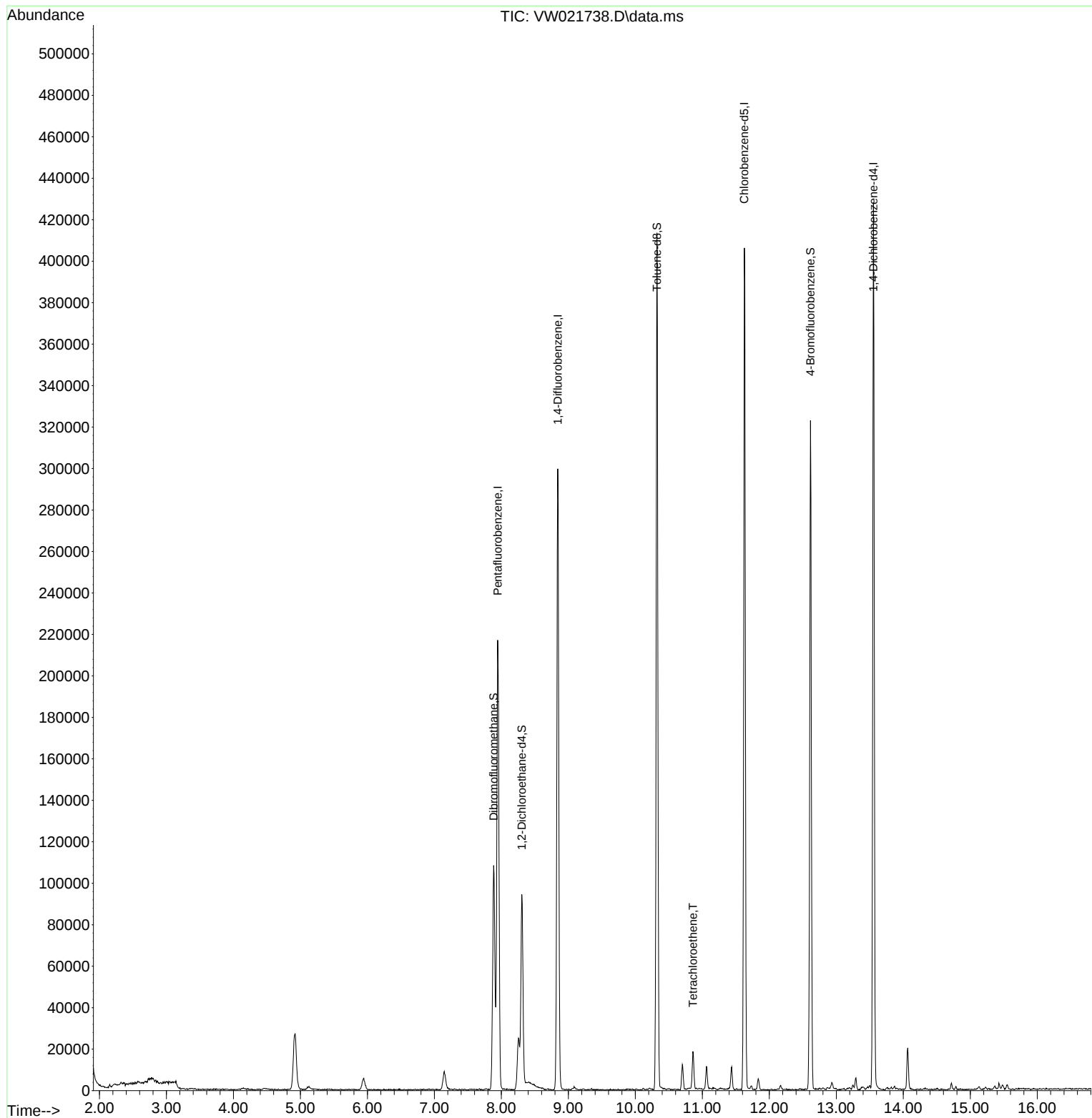
Internal Standards						
1) Pentafluorobenzene	7.945	168	167622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	268415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	239477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	113398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	73055	49.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.900%
35) Dibromofluoromethane	7.884	113	74948	44.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.323	98	270907	44.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.615	95	95896	42.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.460%
Target Compounds						
					Qvalue	
64) Tetrachloroethene	10.859	164	3873	2.344	ug/l #	83

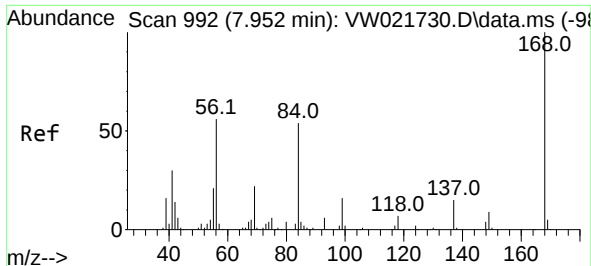
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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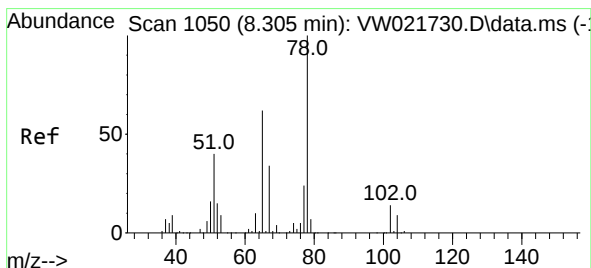
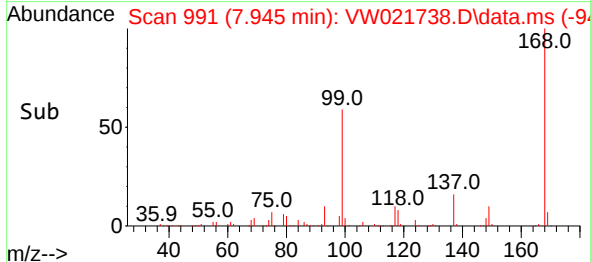
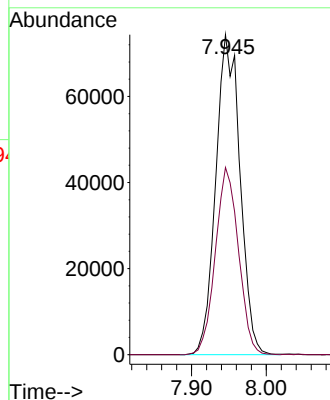
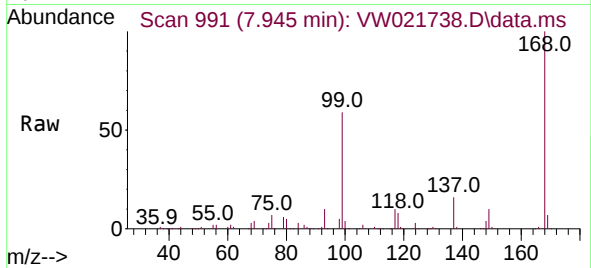




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

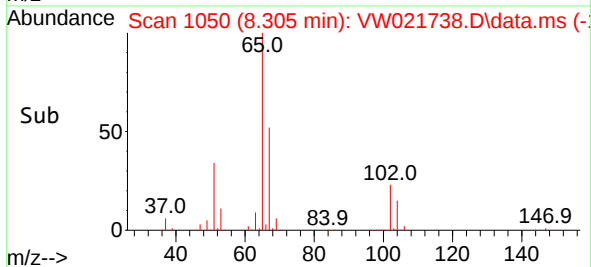
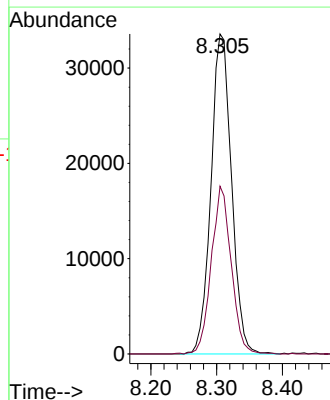
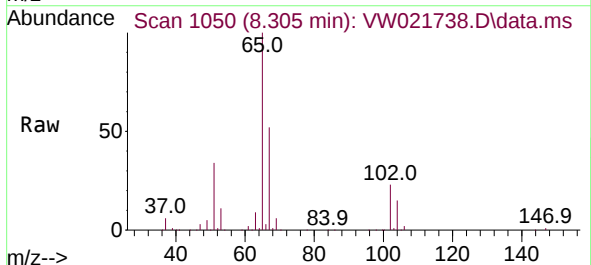
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(0-2)

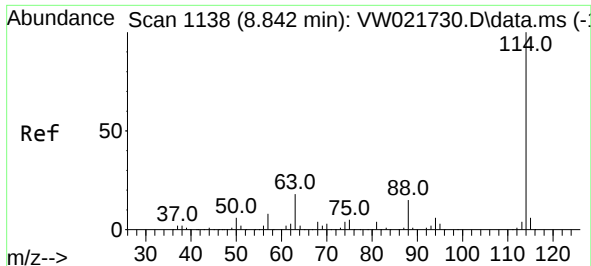
Tgt Ion:168 Resp: 167622
Ion Ratio Lower Upper
168 100
99 58.5 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 49.450 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

Tgt Ion: 65 Resp: 73055
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.001 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(0-2)

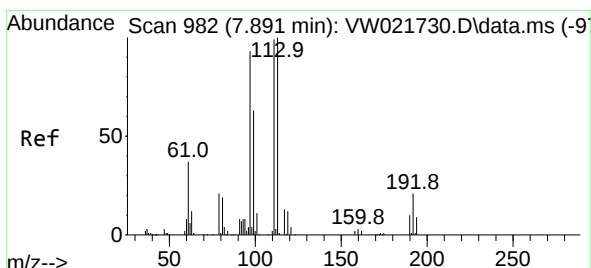
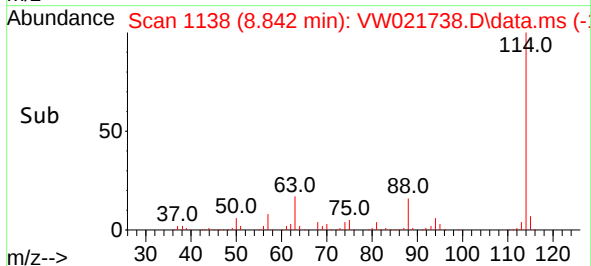
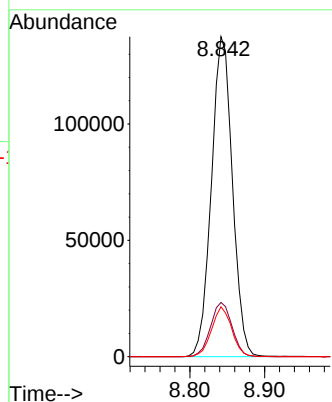
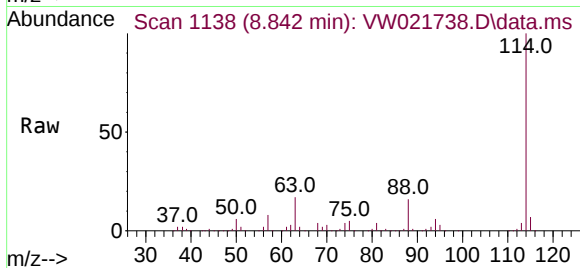
Tgt Ion:114 Resp: 268415

Ion Ratio Lower Upper

114 100

63 17.0 0.0 37.2

88 15.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 44.863 ug/l

RT: 7.884 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

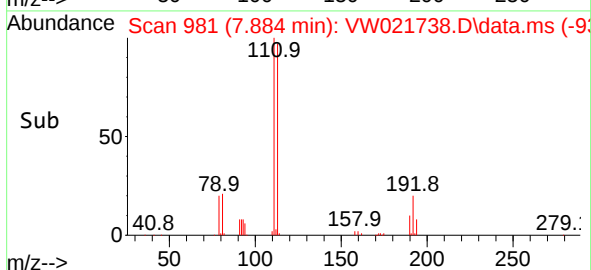
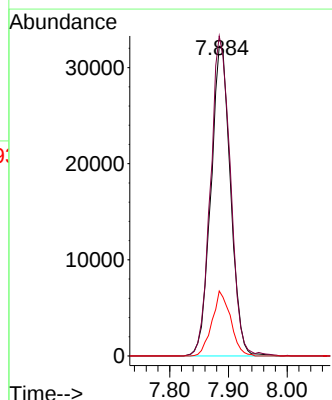
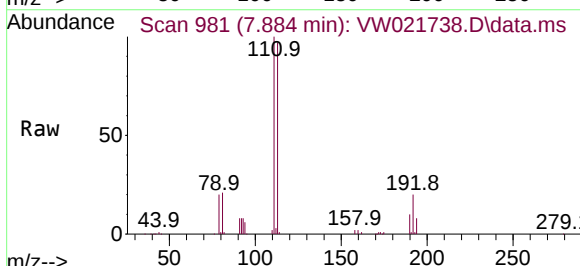
Tgt Ion:113 Resp: 74948

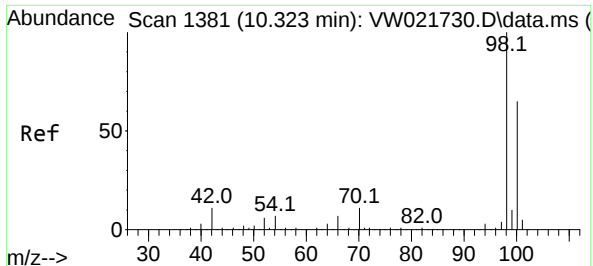
Ion Ratio Lower Upper

113 100

111 104.7 81.2 121.8

192 19.8 16.8 25.2





#50

Toluene-d8

Concen: 44.805 ug/l

RT: 10.323 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

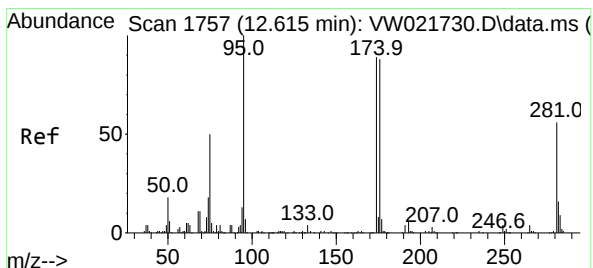
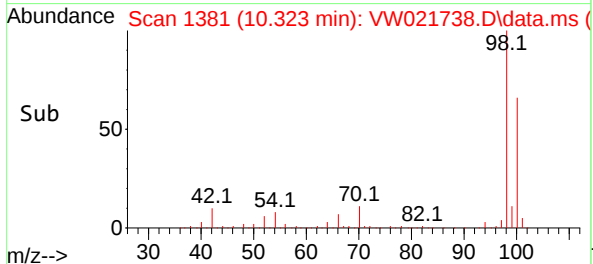
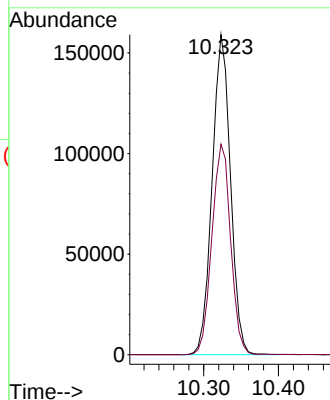
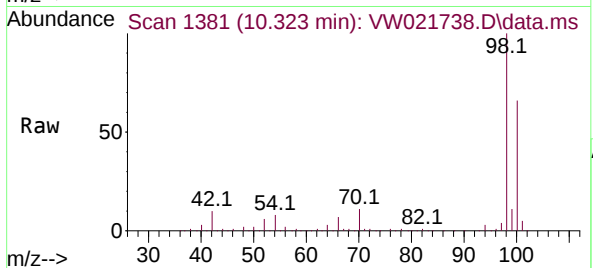
SB-4-(0-2)

Tgt Ion: 98 Resp: 270907

Ion Ratio Lower Upper

98 100

100 67.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 42.728 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. 0.000 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

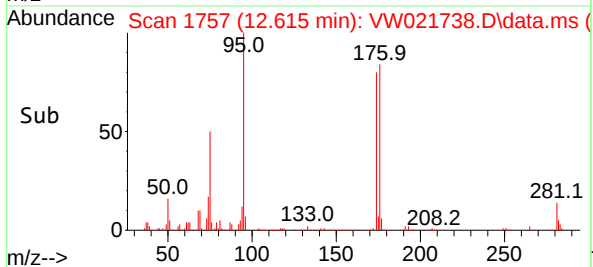
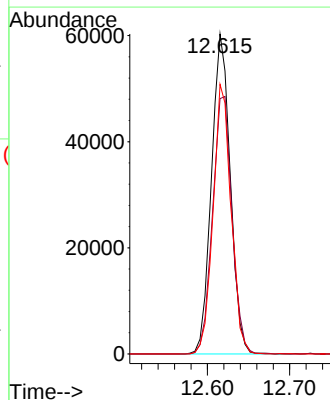
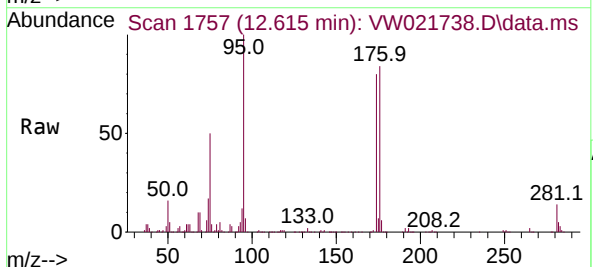
Tgt Ion: 95 Resp: 95896

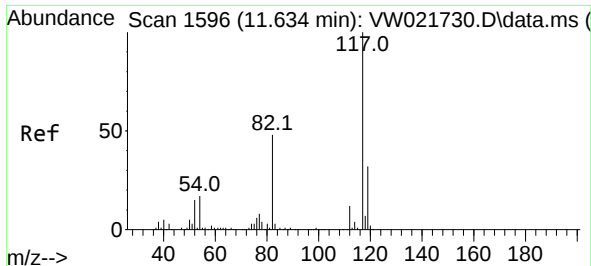
Ion Ratio Lower Upper

95 100

174 83.0 0.0 171.2

176 80.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.628 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(0-2)

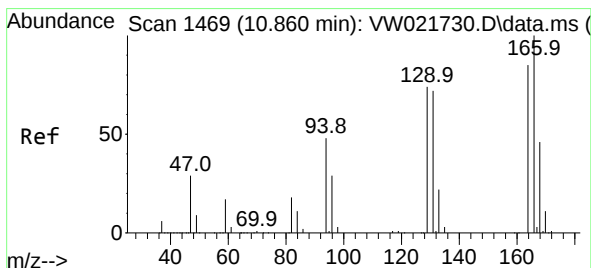
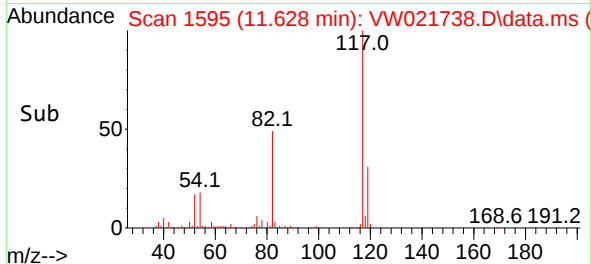
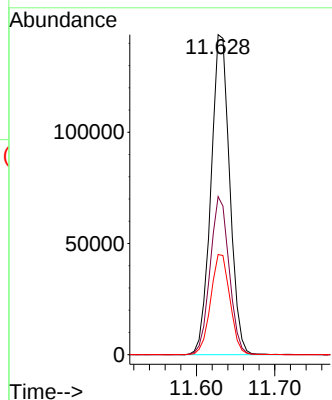
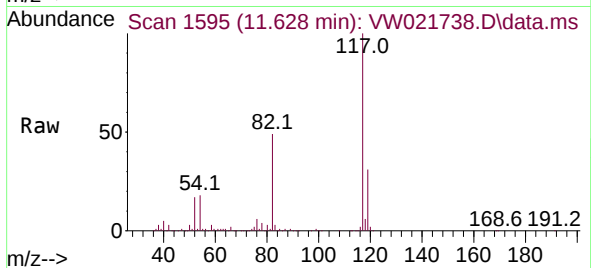
Tgt Ion:117 Resp: 239477

Ion Ratio Lower Upper

117 100

82 49.4 41.4 62.2

119 31.3 27.2 40.8



#64

Tetrachloroethene

Concen: 2.344 ug/l

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

Tgt Ion:164 Resp: 3873

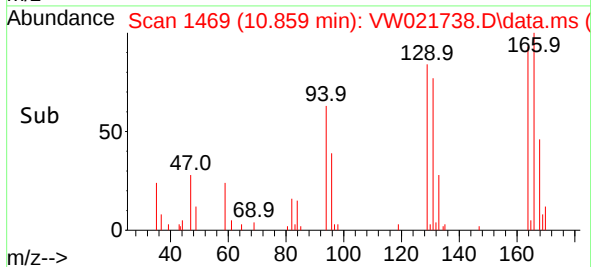
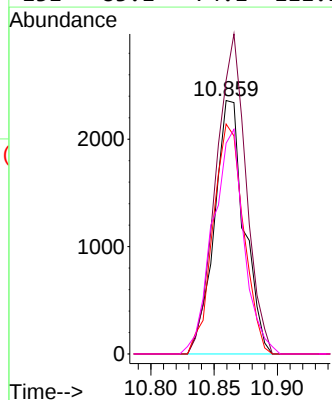
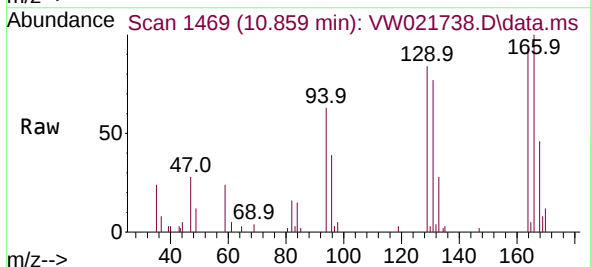
Ion Ratio Lower Upper

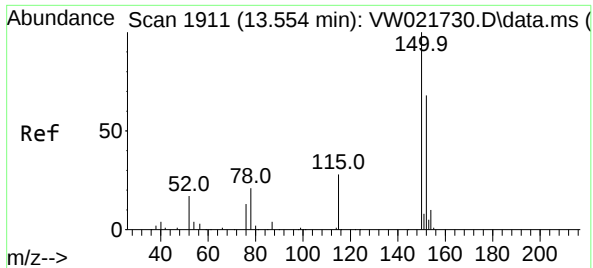
164 100

166 107.9 114.4 171.6#

129 90.7 68.3 102.5

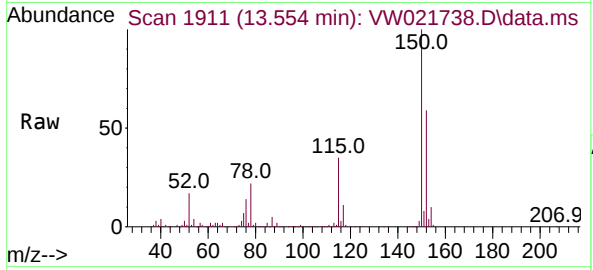
131 83.1 74.1 111.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VW021738.D
 Acq: 05 Jan 2022 18:09

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(0-2)



Tgt Ion:152 Resp: 113398

Ion	Ratio	Lower	Upper
152	100		
115	57.6	27.8	83.3
150	152.0	0.0	348.4

