

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021734.D
 Acq On : 05 Jan 2022 16:32
 Operator : SY/VA
 Sample : VW0105SBL01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0105SBL01

Quant Time: Jan 06 05:51:20 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	7.951	168	145050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	231108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	206436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	105307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	65217	51.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.020%
35) Dibromofluoromethane	7.884	113	68875	47.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.323	98	257013	49.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.615	95	94301	48.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.600%

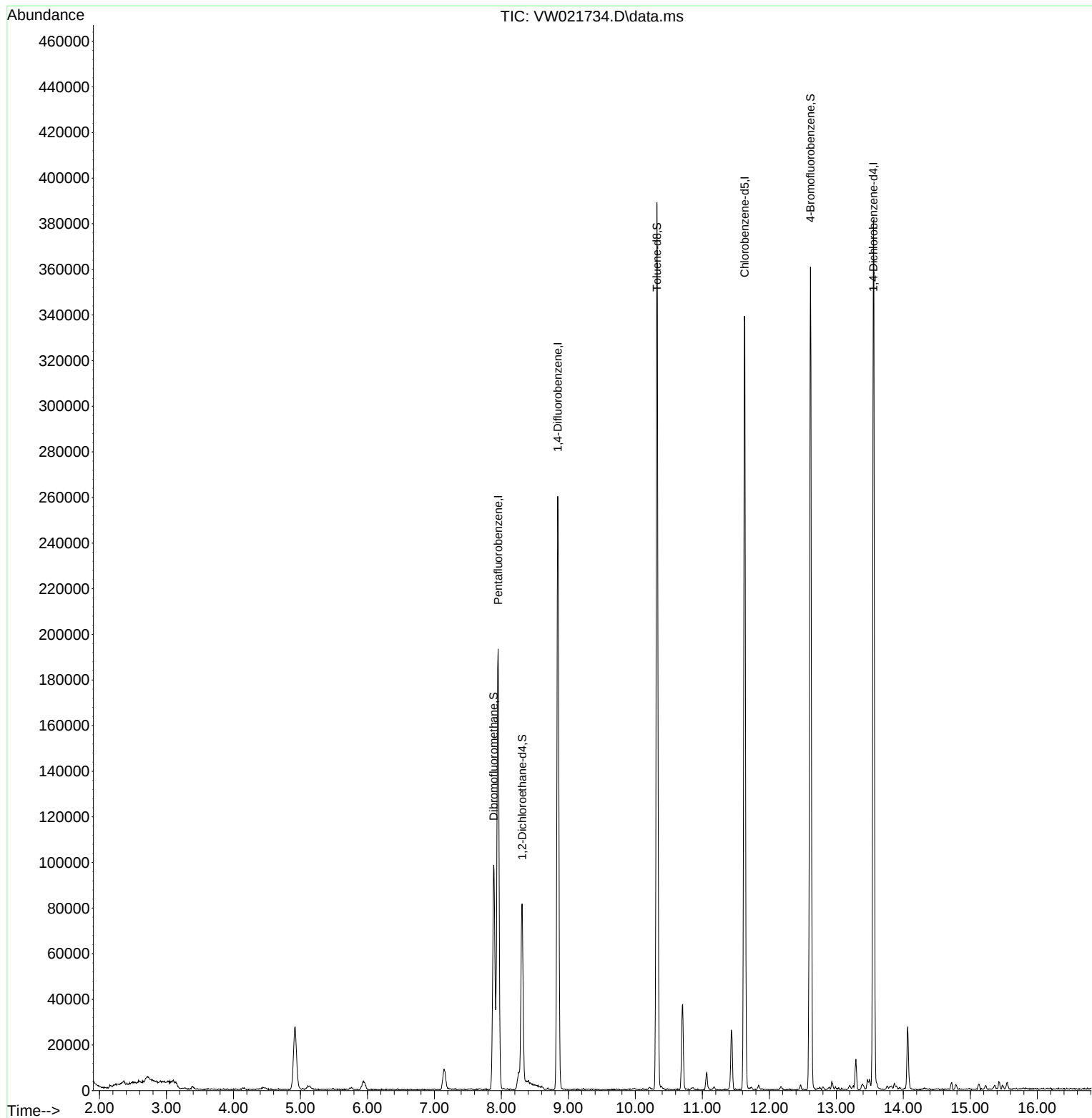
Target Compounds	Qvalue

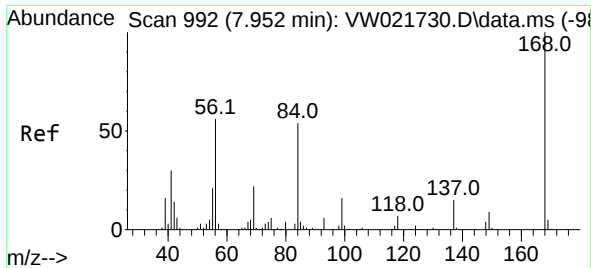
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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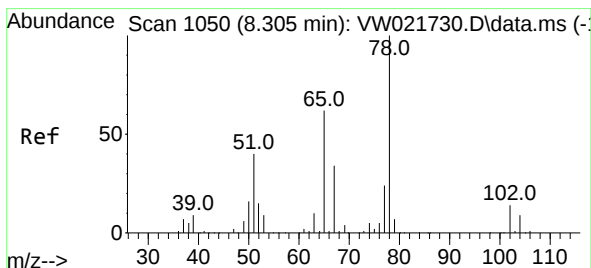
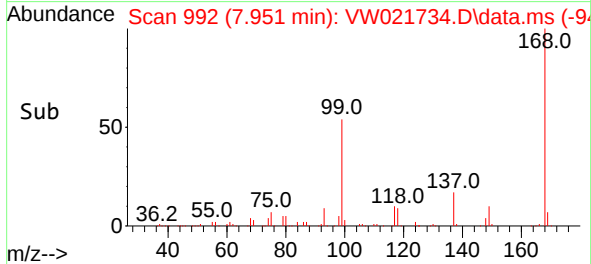
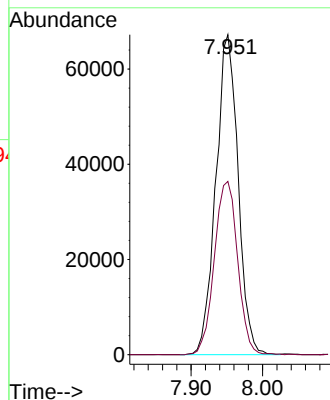
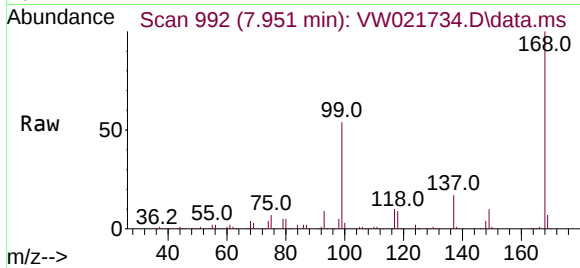




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

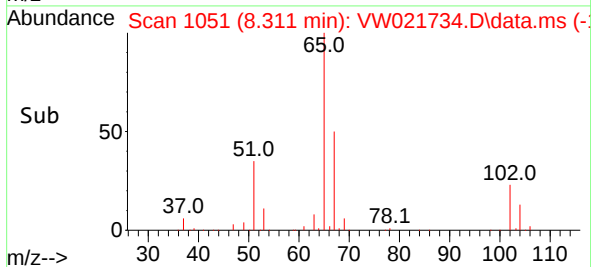
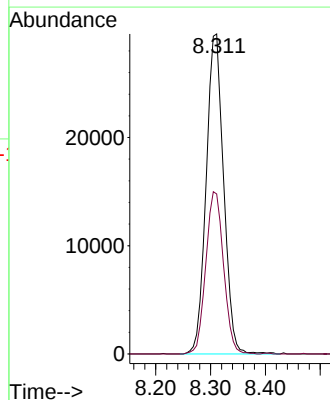
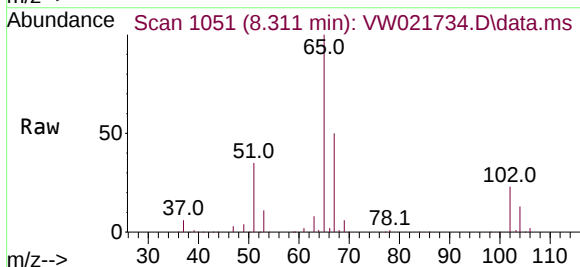
Instrument :
MSVOA_W
ClientSampleId :
VW0105SBL01

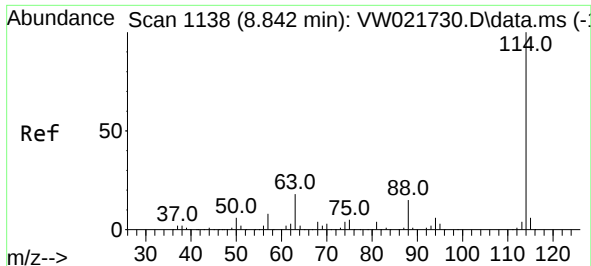
Tgt Ion:168 Resp: 145050
Ion Ratio Lower Upper
168 100
99 54.2 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 51.014 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

Tgt Ion: 65 Resp: 65217
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW021734.D

Acq: 05 Jan 2022 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW0105SBL01

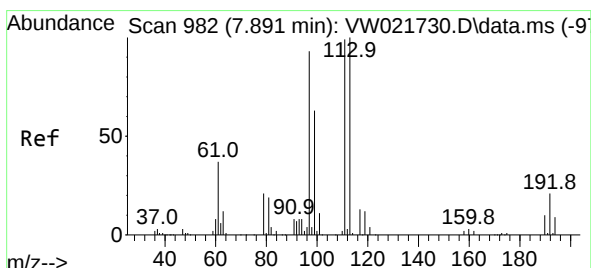
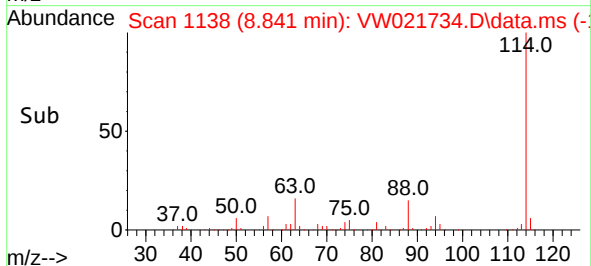
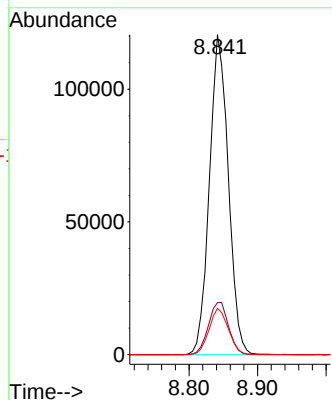
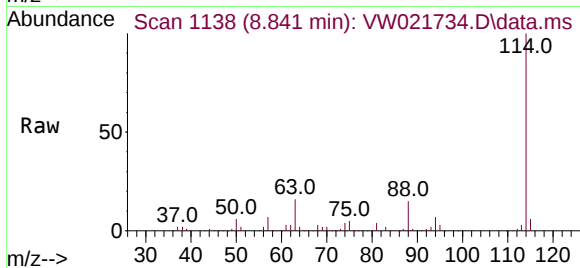
Tgt Ion:114 Resp: 231108

Ion Ratio Lower Upper

114 100

63 16.2 0.0 37.2

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.883 ug/l

RT: 7.884 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW021734.D

Acq: 05 Jan 2022 16:32

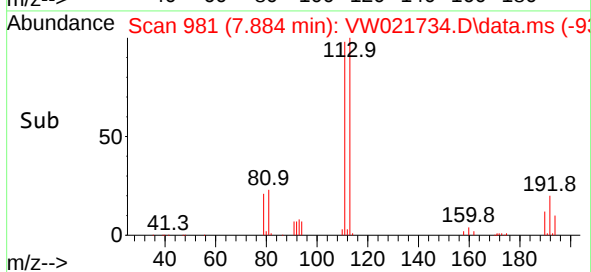
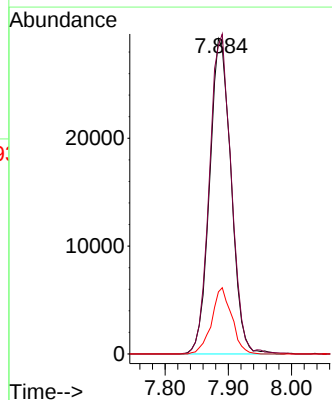
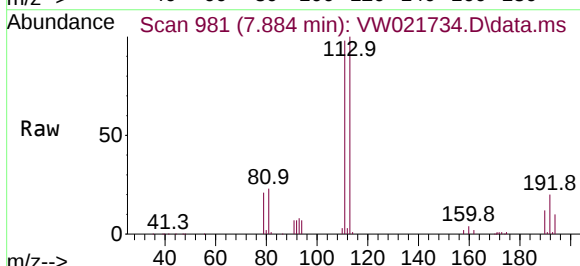
Tgt Ion:113 Resp: 68875

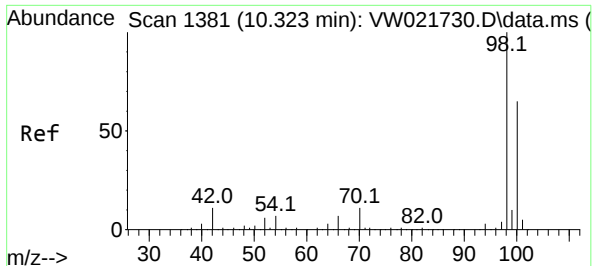
Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

192 19.6 16.8 25.2

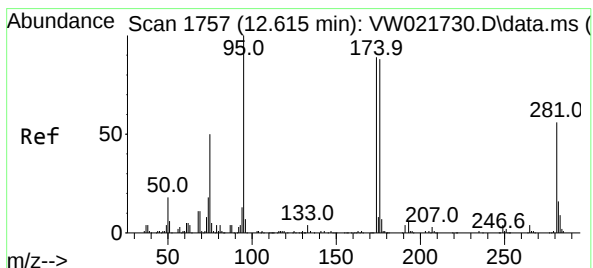
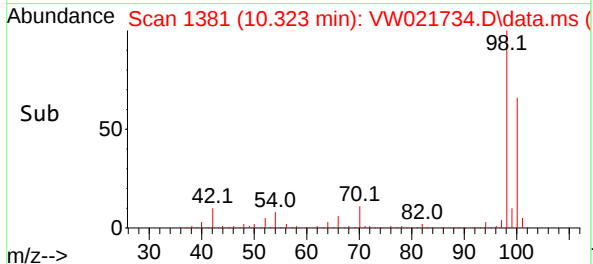
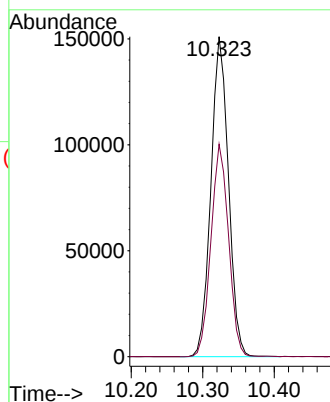
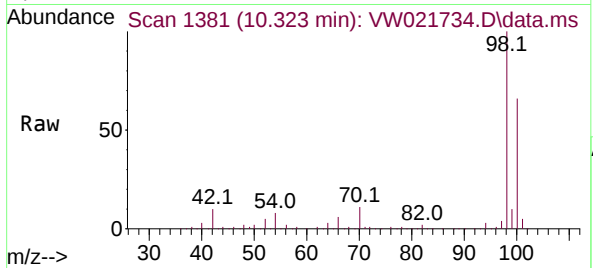




#50
Toluene-d8
Concen: 49.369 ug/l
RT: 10.323 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

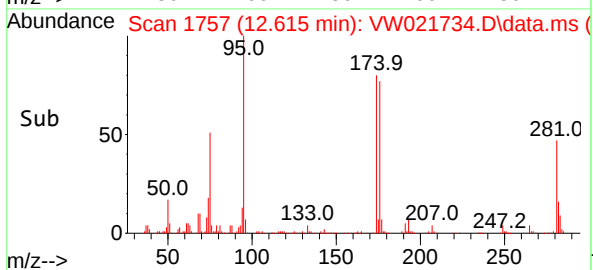
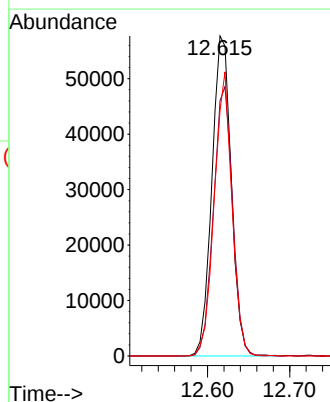
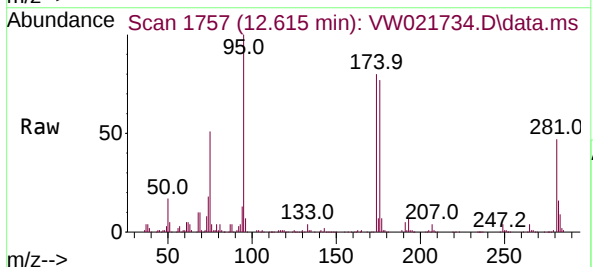
Instrument :
MSVOA_W
ClientSampleId :
VW0105SBL01

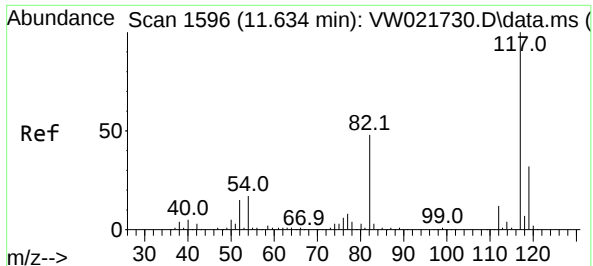
Tgt Ion: 98 Resp: 257013
Ion Ratio Lower Upper
98 100
100 66.7 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 48.800 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

Tgt Ion: 95 Resp: 94301
Ion Ratio Lower Upper
95 100
174 83.4 0.0 171.2
176 81.2 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: VW021734.D

Acq: 05 Jan 2022 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW0105SBL01

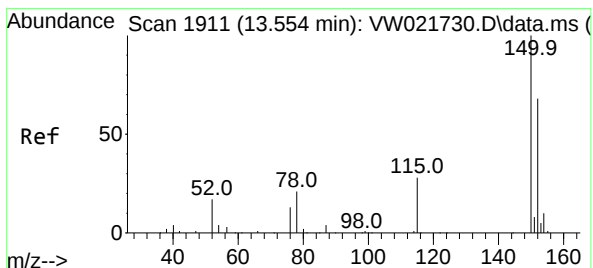
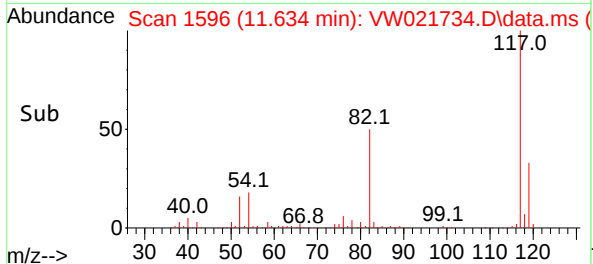
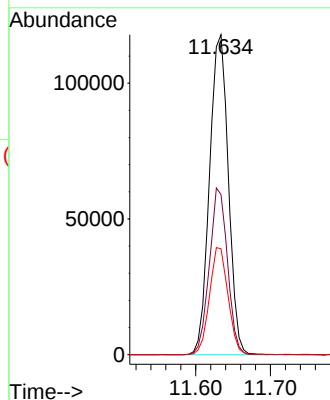
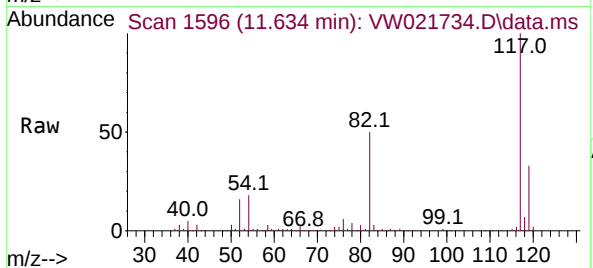
Tgt Ion:117 Resp: 206436

Ion Ratio Lower Upper

117 100

82 50.1 41.4 62.2

119 33.1 27.2 40.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.554 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VW021734.D

Acq: 05 Jan 2022 16:32

Tgt Ion:152 Resp: 105307

Ion Ratio Lower Upper

152 100

115 58.0 27.8 83.3

150 155.8 0.0 348.4

