

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008108.D
 Acq On : 09 Jan 2019 17:30
 Operator : SY/AP
 Sample : K1074-06
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-3

Quant Time: Jan 10 06:41:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65465	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	52434	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	7.88	113	48018	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
50) Toluene-d8	10.32	98	195980	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.62	95	65162	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	

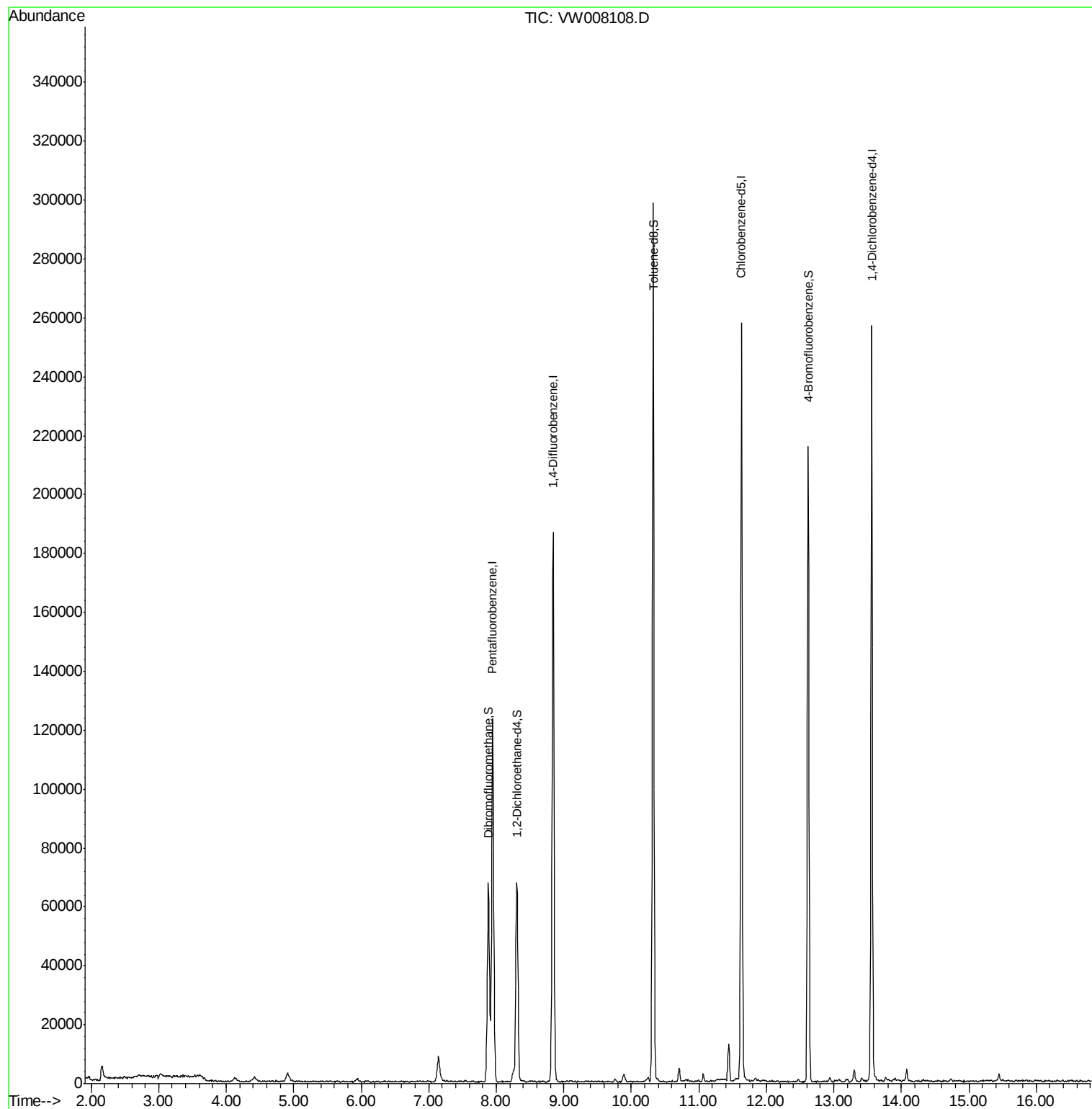
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008108.D

Acq: 09 Jan 2019 17:30

Instrument :

MSVOA_W

ClientSampleId :

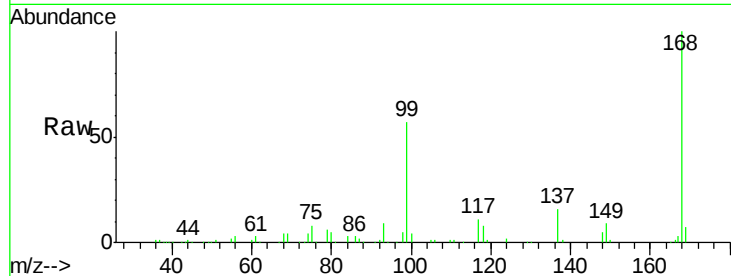
W12-3

Tot Ion:168 Resp: 91114

Ion Ratio Lower Upper

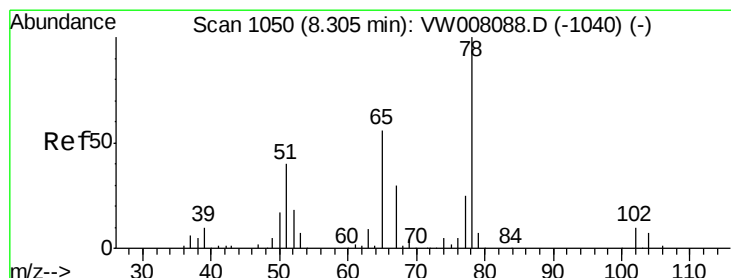
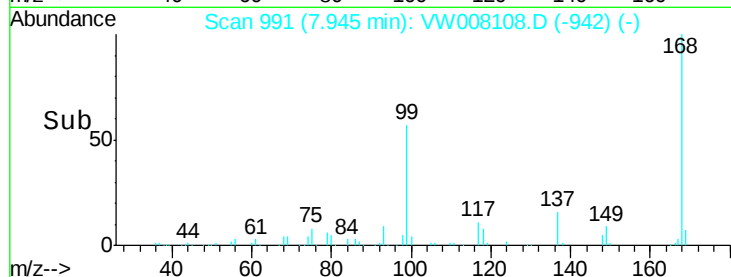
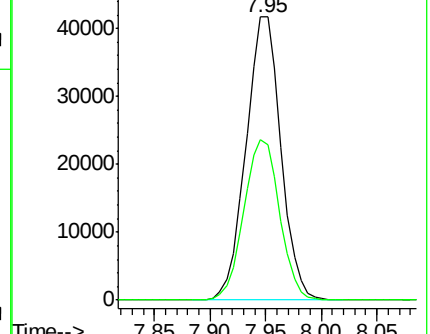
168 100

99 56.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.203 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008108.D

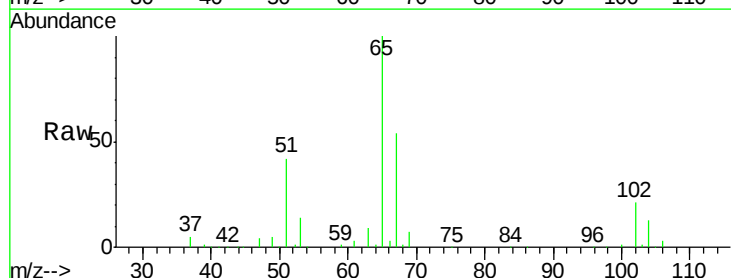
Acq: 09 Jan 2019 17:30

Tgt Ion: 65 Resp: 52434

Ion Ratio Lower Upper

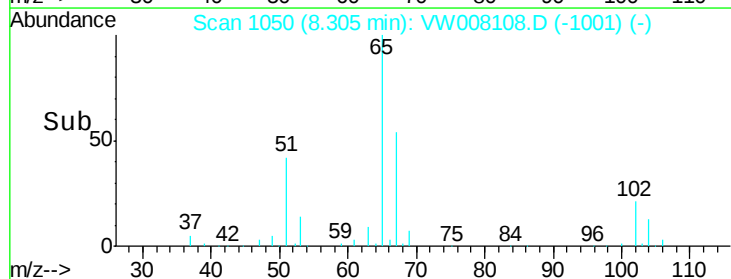
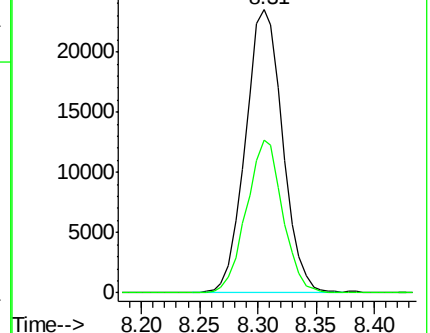
65 100

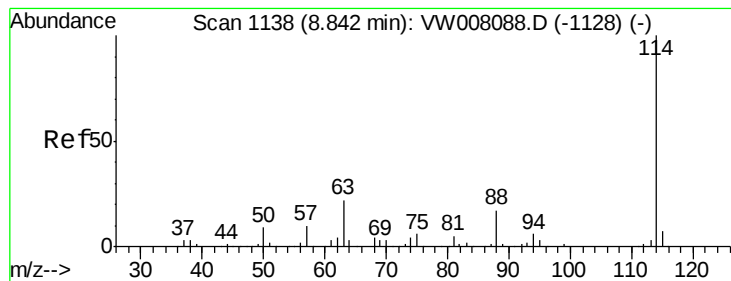
67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008108.D

Acq: 09 Jan 2019 17:30

Instrument :

MSVOA_W

ClientSampled :

W12-3

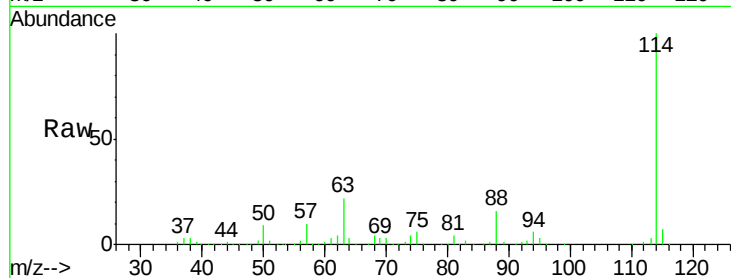
Tot Ion:114 Resp: 156765

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

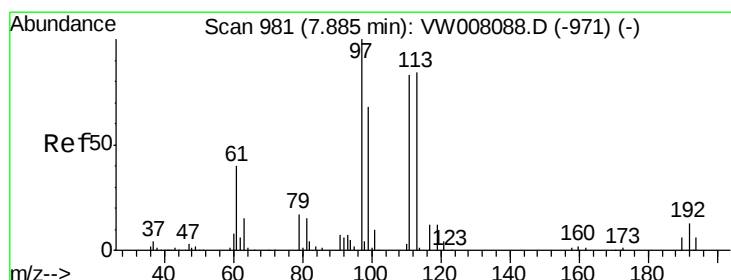
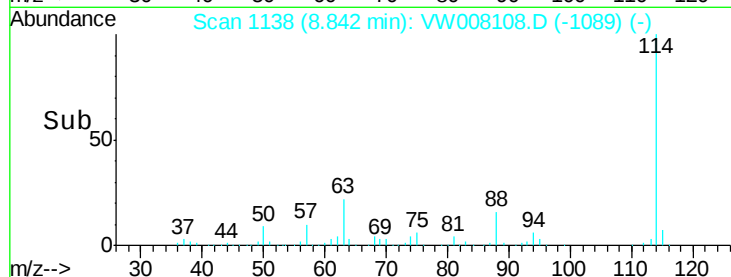
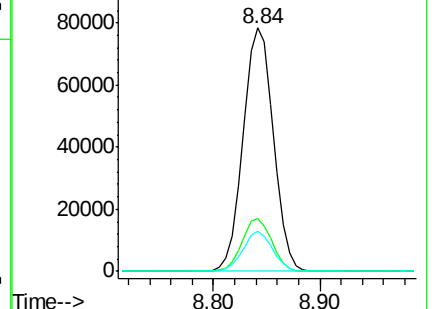
88 16.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.518 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008108.D

Acq: 09 Jan 2019 17:30

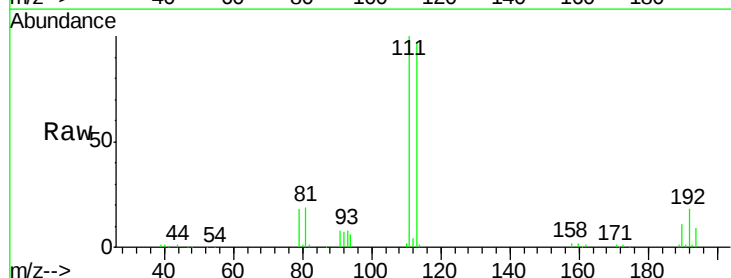
Tgt Ion:113 Resp: 48018

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

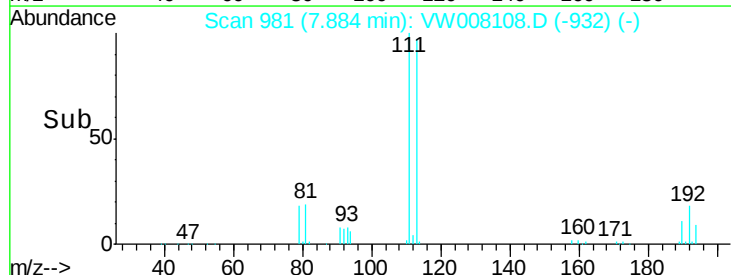
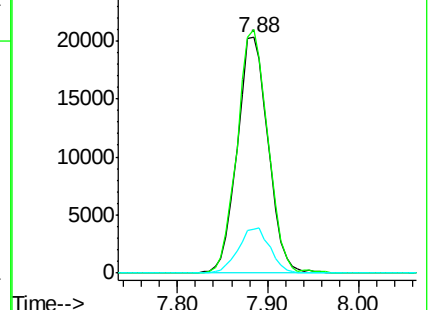
192 19.4 12.8 19.2#

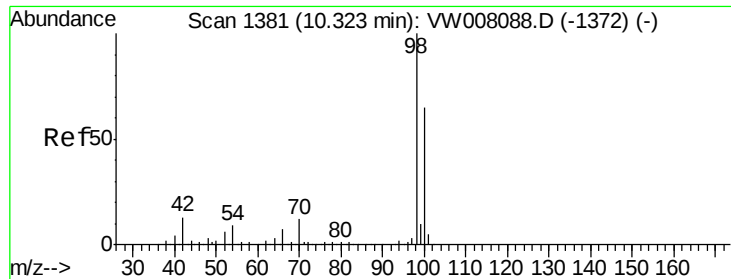


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.079 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008108.D

Acq: 09 Jan 2019 17:30

Instrument :

MSVOA_W

ClientSampleId :

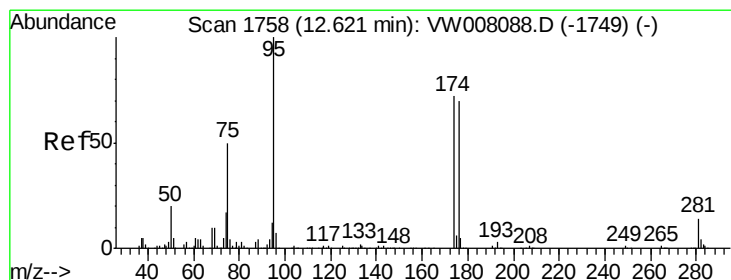
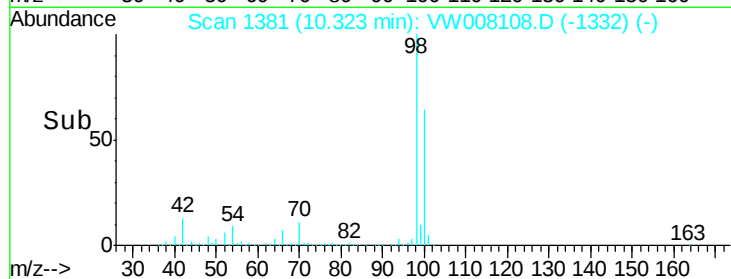
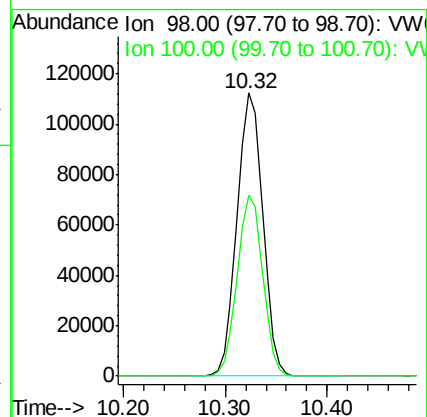
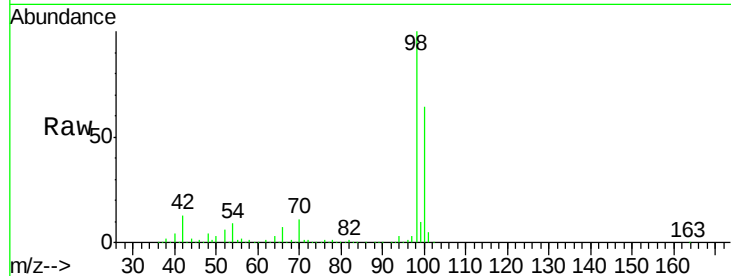
W12-3

Tot Ion: 98 Resp: 195980

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.374 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008108.D

Acq: 09 Jan 2019 17:30

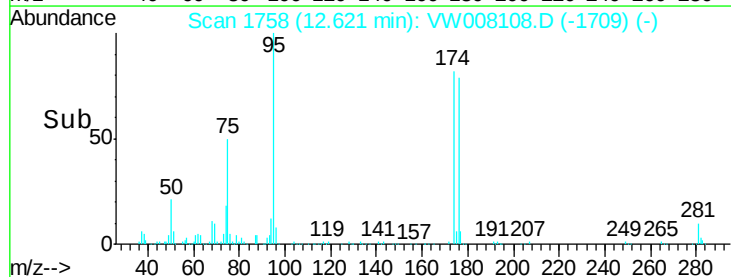
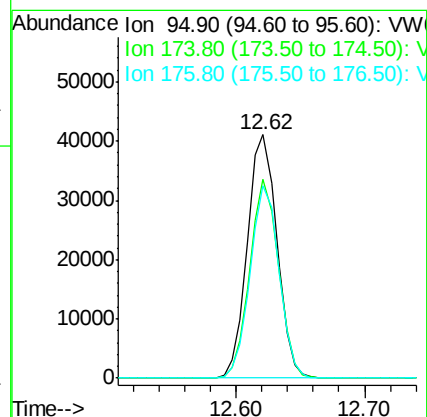
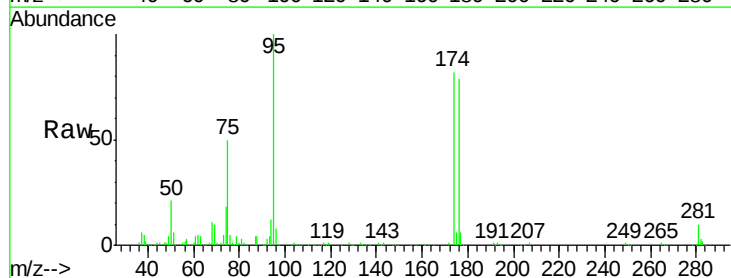
Tgt Ion: 95 Resp: 65162

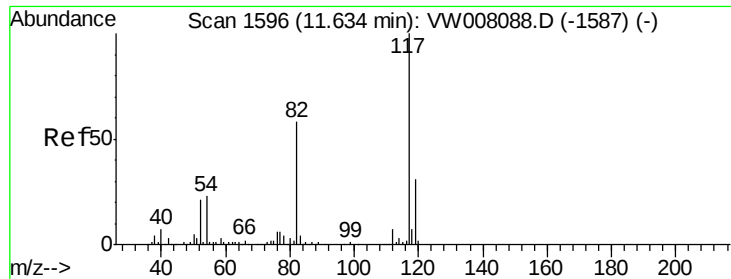
Ion Ratio Lower Upper

95 100

174 78.9 0.0 143.0

176 77.0 0.0 140.2

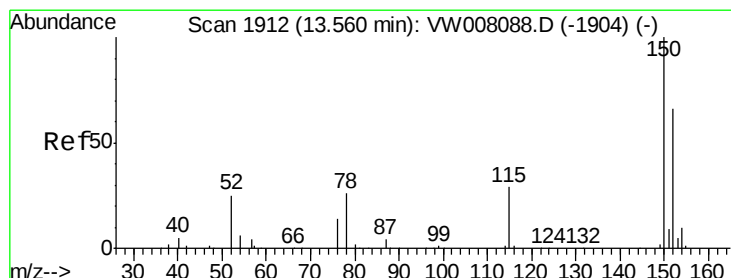
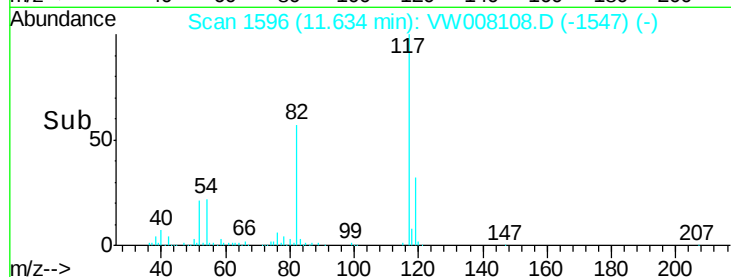
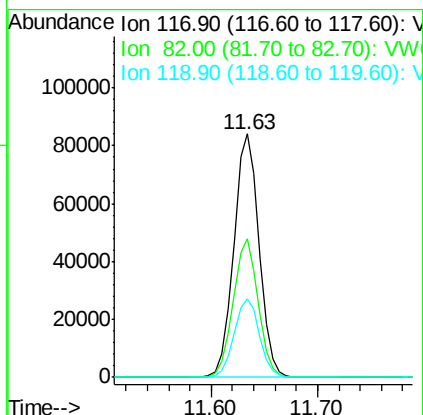
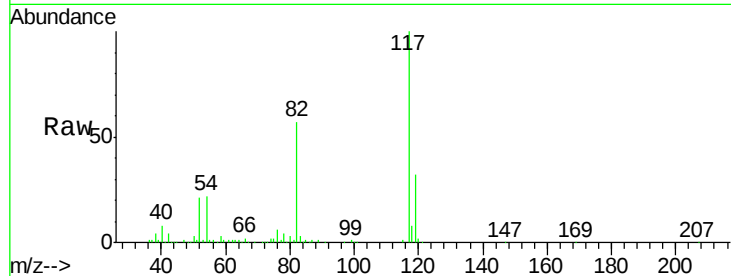




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

Instrument :
MSVOA_W
ClientSampleId :
W12-3

Tot Ion:117 Resp: 139325
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 32.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

Tgt Ion:152 Resp: 65465
Ion Ratio Lower Upper
152 100
115 57.7 30.8 92.4
150 156.8 0.0 350.2

