

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012884.D
 Acq On : 10 Sep 2019 22:52
 Operator : SY/VA
 Sample : VW0910SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBL02

Quant Time: Sep 11 08:48:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	122980	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	115235	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	7.88	113	97040	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	10.32	98	390711	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.62	95	125237	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	

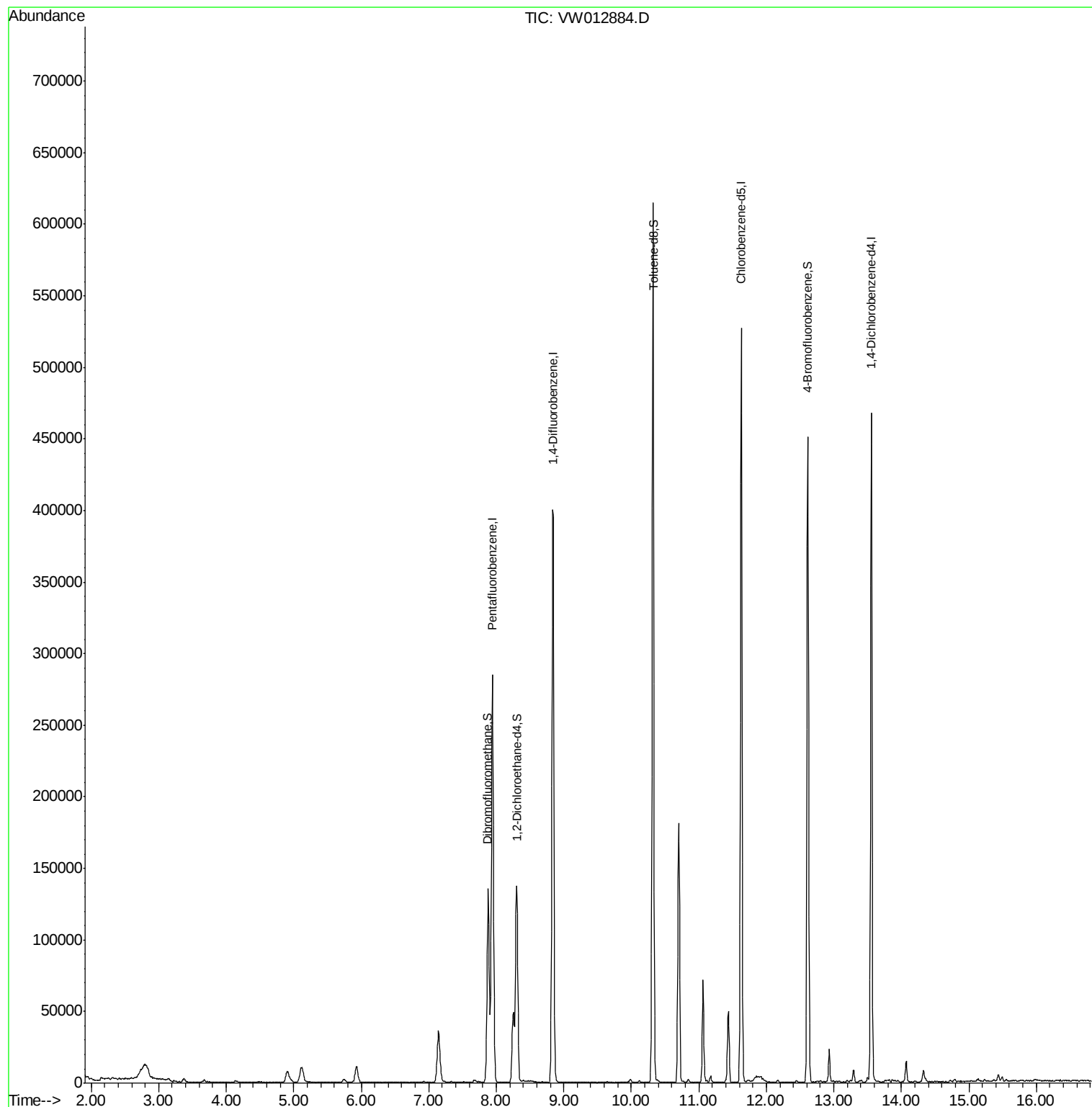
Target Compounds	Qvalue
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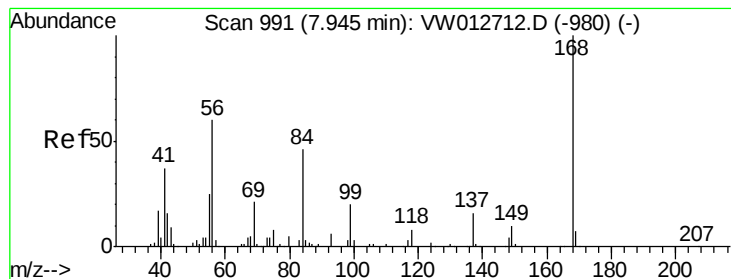
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012884.D

Acq: 10 Sep 2019 22:52

Instrument :

MSVOA_W

ClientSampleId :

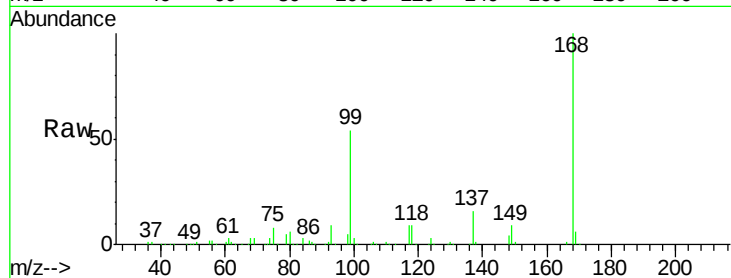
VW0910SBL02

Tot Ion:168 Resp: 221277

Ion Ratio Lower Upper

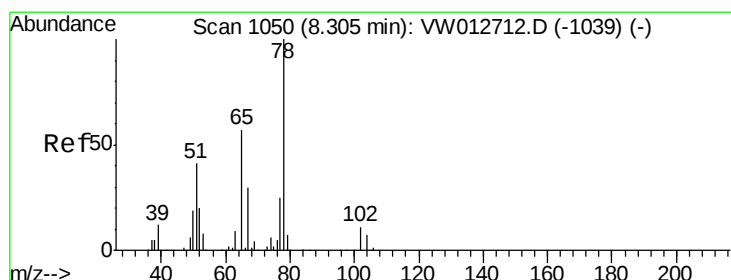
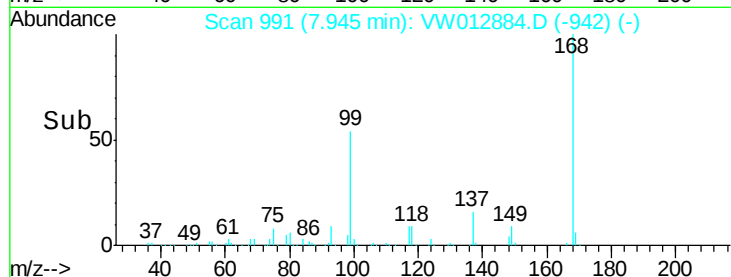
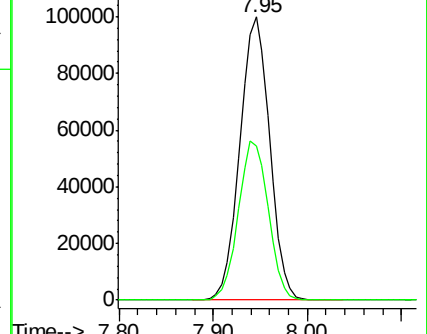
168 100

99 54.3 47.8 71.6



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: 46.609 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012884.D

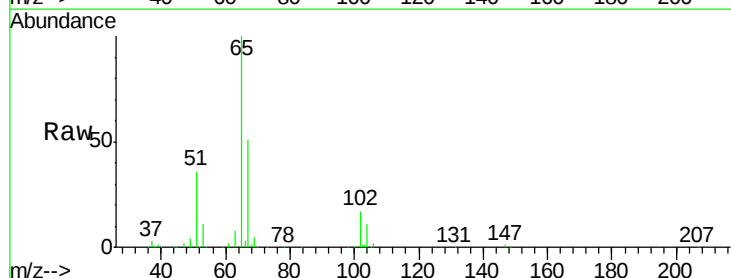
Acq: 10 Sep 2019 22:52

Tgt Ion: 65 Resp: 115235

Ion Ratio Lower Upper

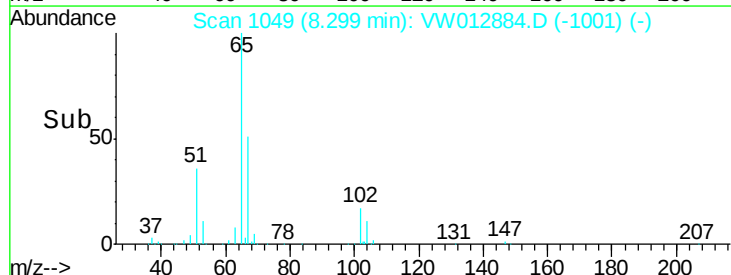
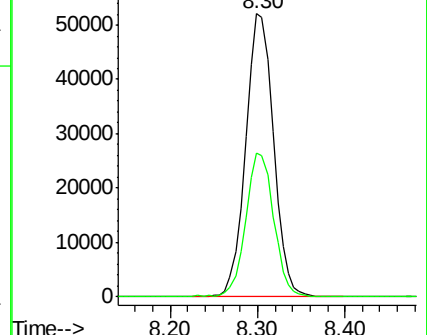
65 100

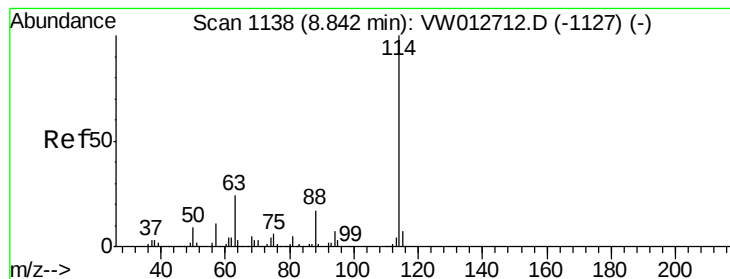
67 50.9 0.0 101.8



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: VW012884.D

Acq: 10 Sep 2019 22:52

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBL02

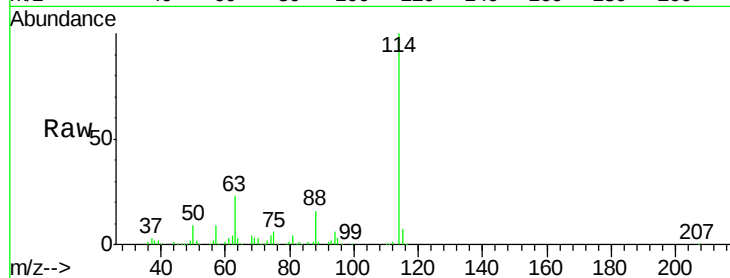
Tot Ion:114 Resp: 333001

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.2

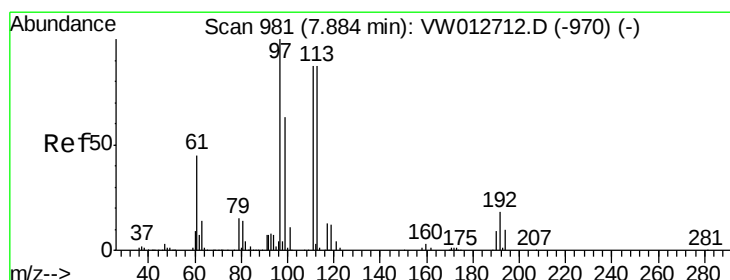
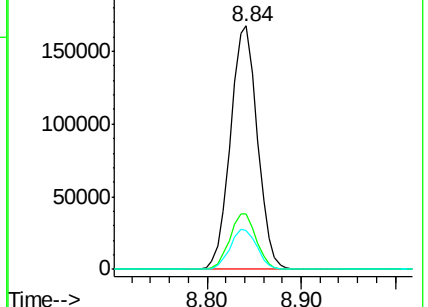
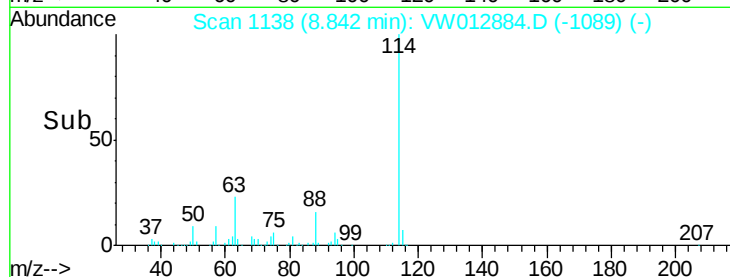
88 16.1 0.0 34.0



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: 49.015 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012884.D

Acq: 10 Sep 2019 22:52

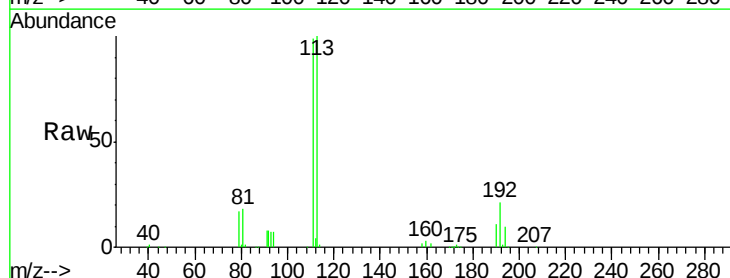
Tgt Ion:113 Resp: 97040

Ion Ratio Lower Upper

113 100

111 103.1 80.2 120.4

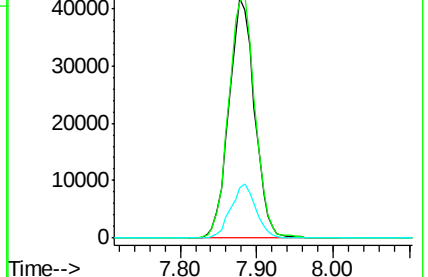
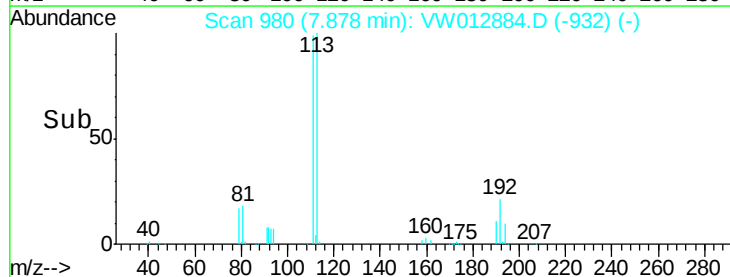
192 21.8 17.3 25.9

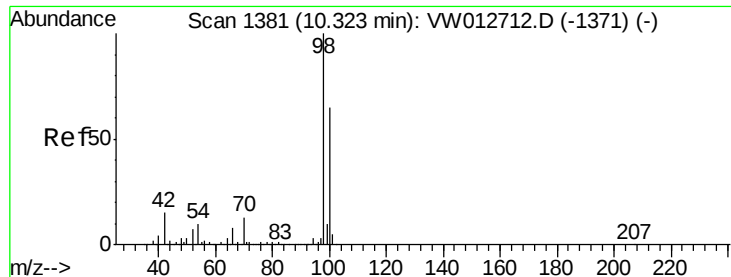


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.373 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012884.D

Acq: 10 Sep 2019 22:52

Instrument :

MSVOA_W

ClientSampleId :

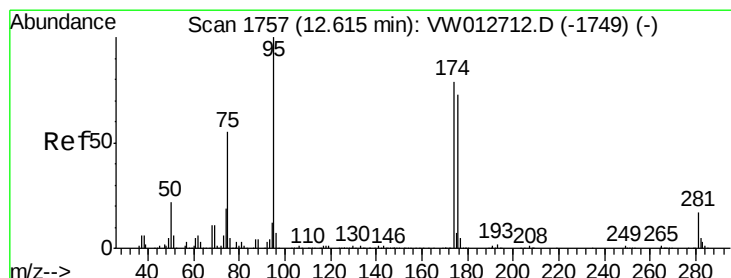
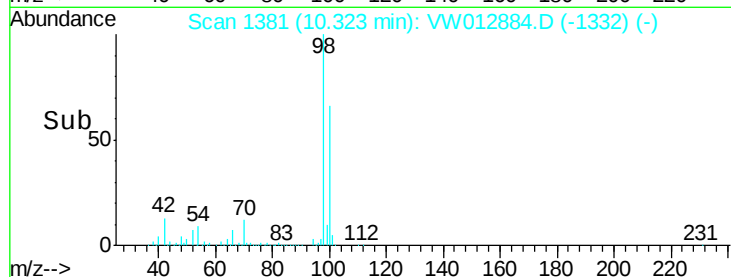
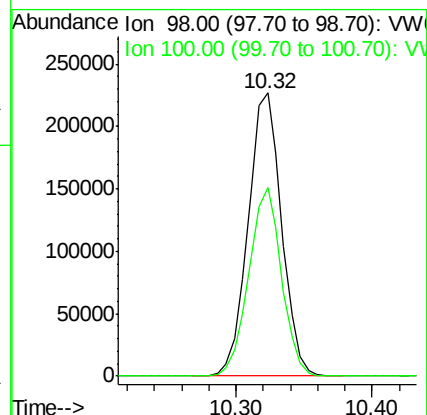
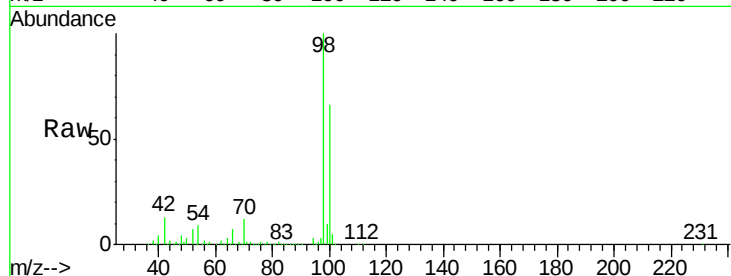
VW0910SBL02

Tot Ion: 98 Resp: 390711

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.477 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012884.D

Acq: 10 Sep 2019 22:52

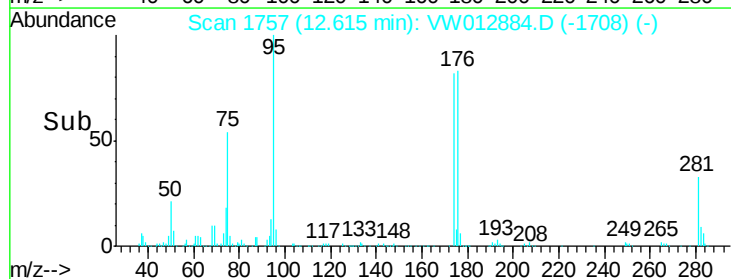
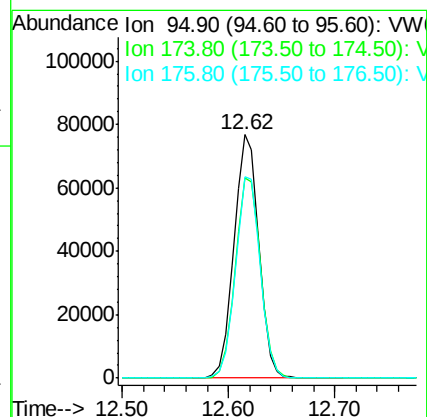
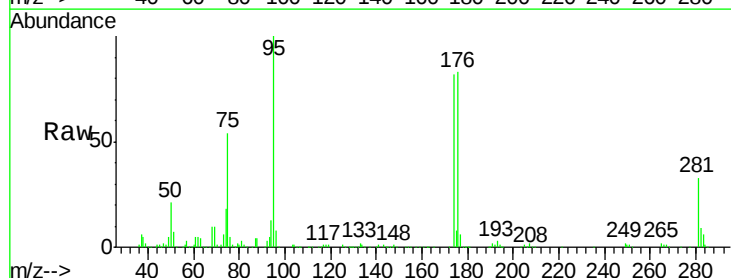
Tgt Ion: 95 Resp: 125237

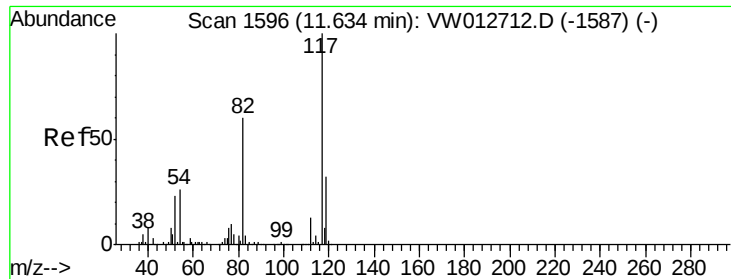
Ion Ratio Lower Upper

95 100

174 83.9 0.0 161.0

176 82.5 0.0 156.4

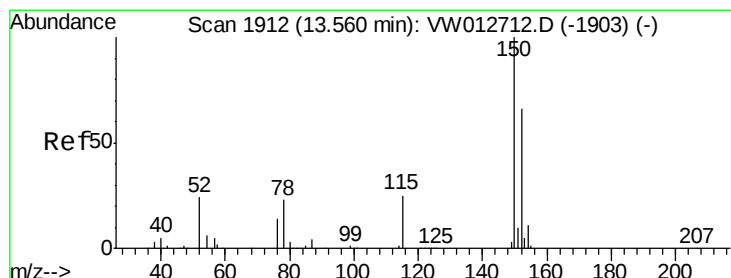
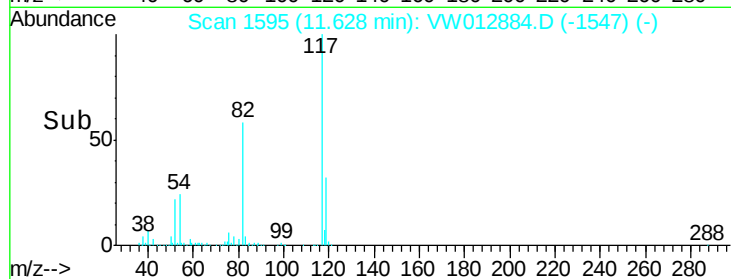
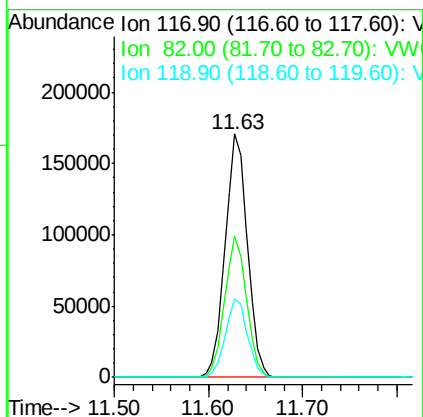
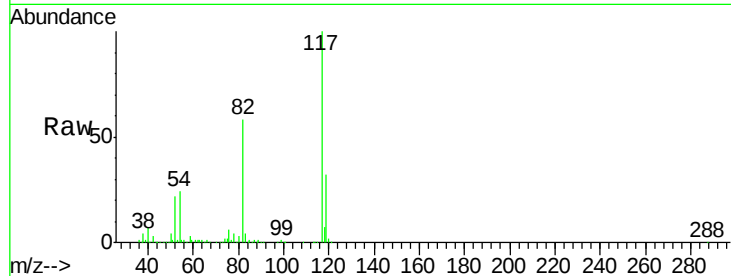




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012884.D
Acq: 10 Sep 2019 22:52

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBL02

Tot Ion:117 Resp: 279671
Ion Ratio Lower Upper
117 100
82 58.0 48.2 72.4
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012884.D
Acq: 10 Sep 2019 22:52

Tgt Ion:152 Resp: 122980
Ion Ratio Lower Upper
152 100
115 56.3 30.0 90.1
150 158.5 0.0 349.0

