

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012334.D
 Acq On : 30 Aug 2019 05:50
 Operator : SY/VA
 Sample : K4554-03
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14-(0-2)

Quant Time: Aug 30 09:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113399	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	143702	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.88	113	119346	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.32	98	478691	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.62	95	140984	41.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.88%	

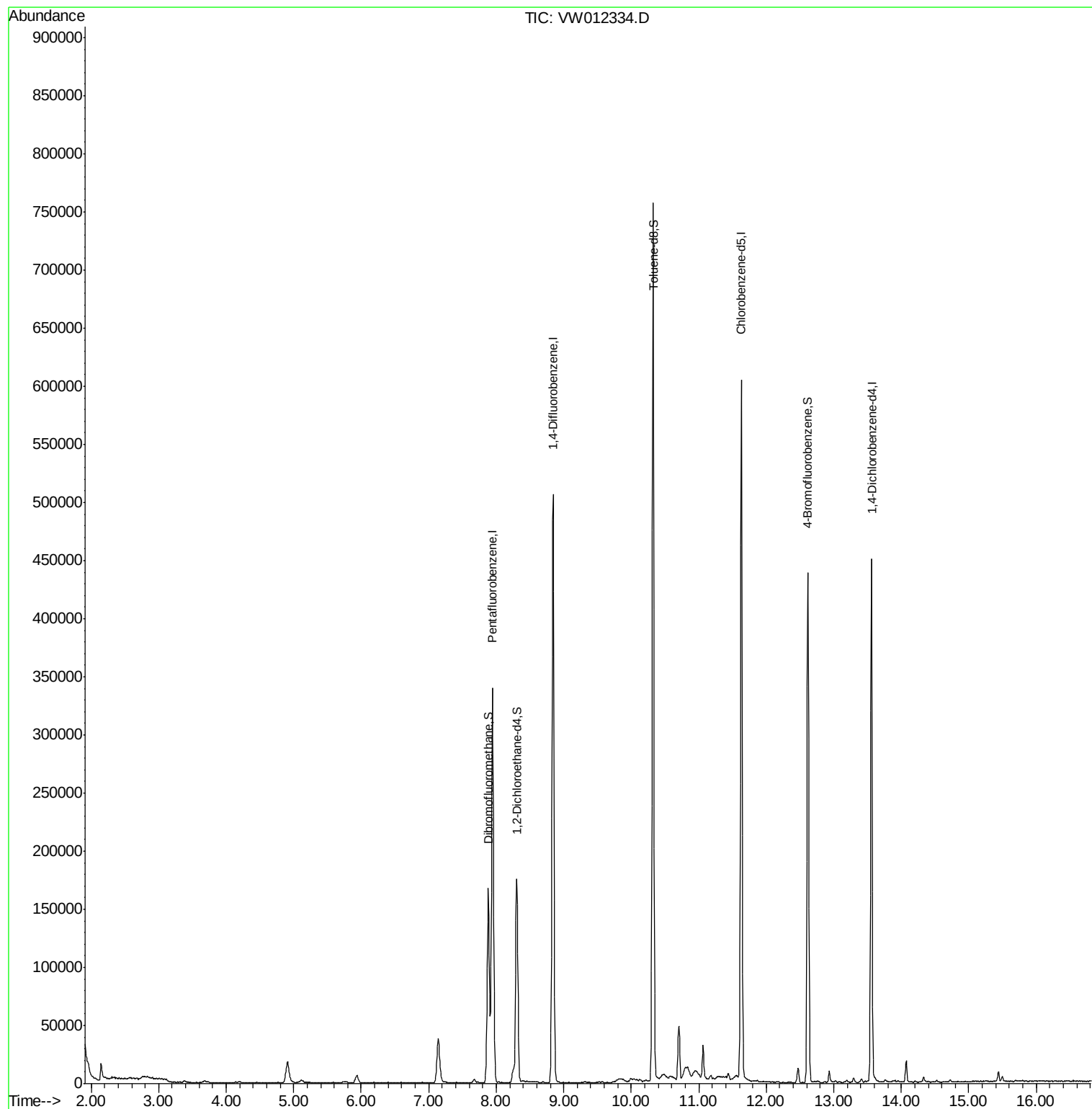
Target Compounds	Qvalue

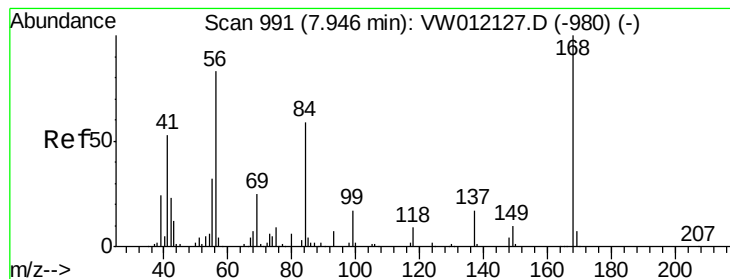
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012334.D

Acq: 30 Aug 2019 05:50

Instrument :

MSVOA_W

ClientSampled :

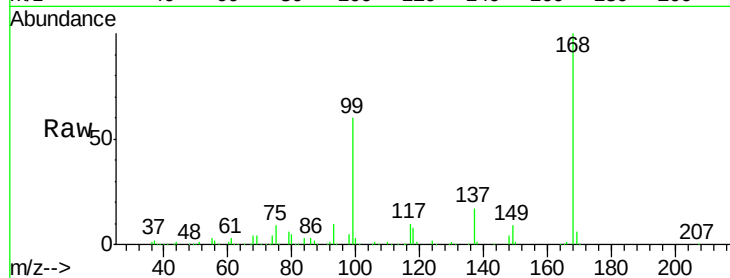
SB-14-(0-2)

Tot Ion:168 Resp: 243504

Ion Ratio Lower Upper

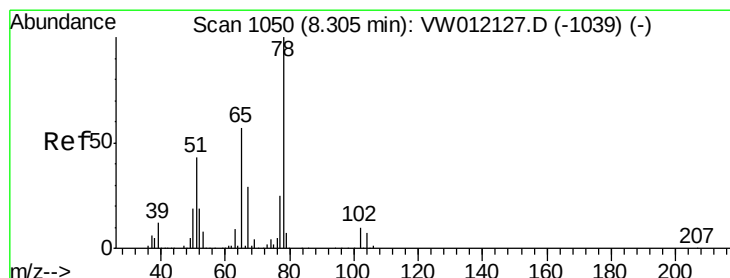
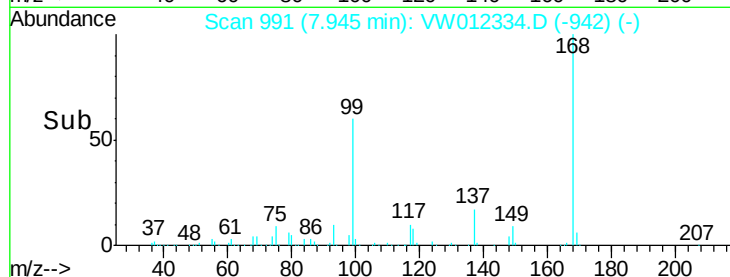
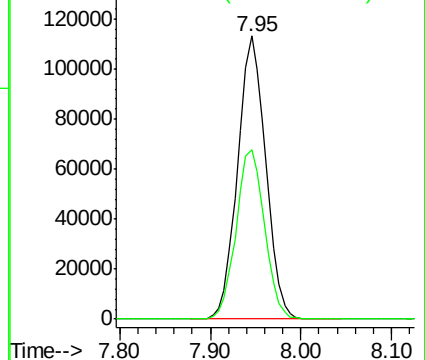
168 100

99 59.7 49.2 73.8



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: 49.644 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012334.D

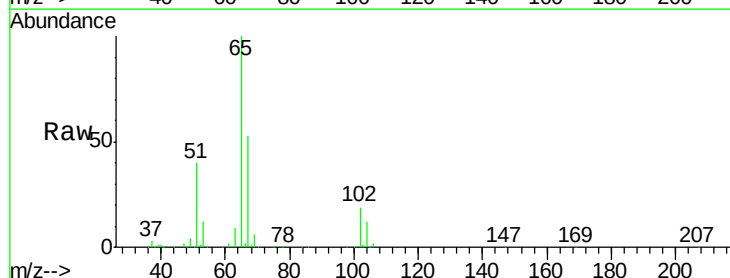
Acq: 30 Aug 2019 05:50

Tgt Ion: 65 Resp: 143702

Ion Ratio Lower Upper

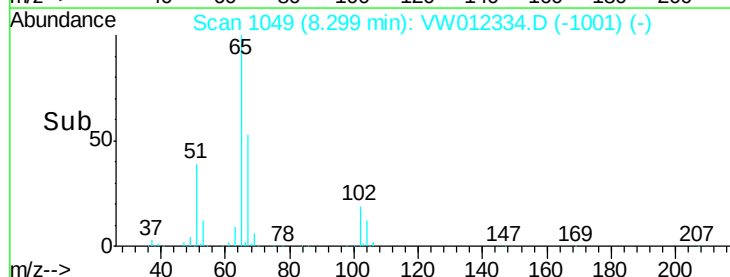
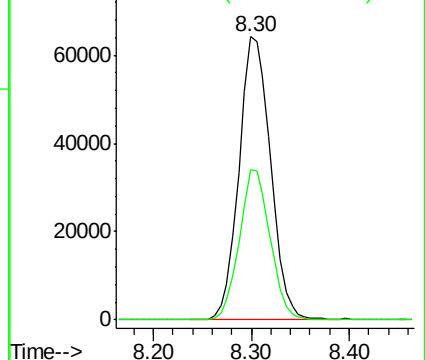
65 100

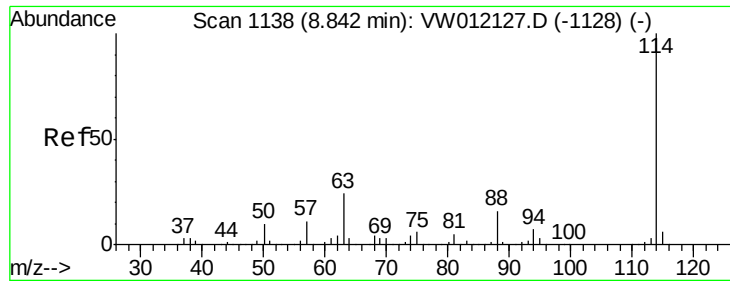
67 52.0 0.0 102.6



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: VW012334.D

Acq: 30 Aug 2019 05:50

Instrument :

MSVOA_W

ClientSampleId :

SB-14-(0-2)

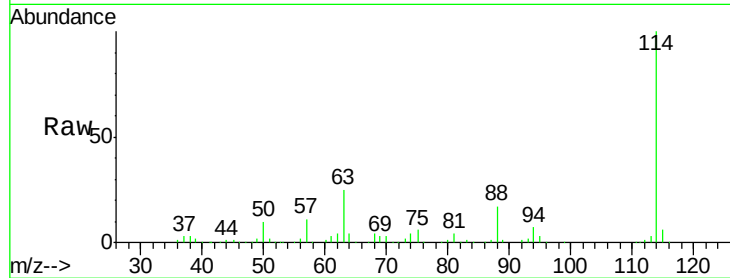
Tot Ion:114 Resp: 398755

Ion Ratio Lower Upper

114 100

63 24.8 0.0 48.6

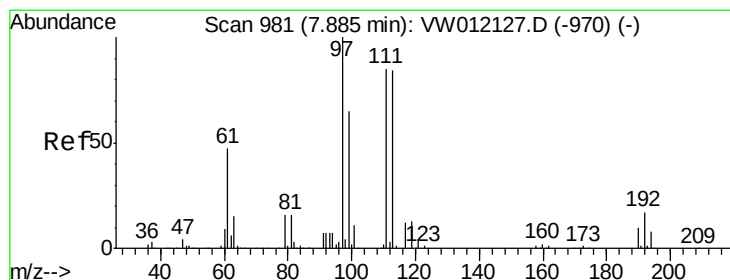
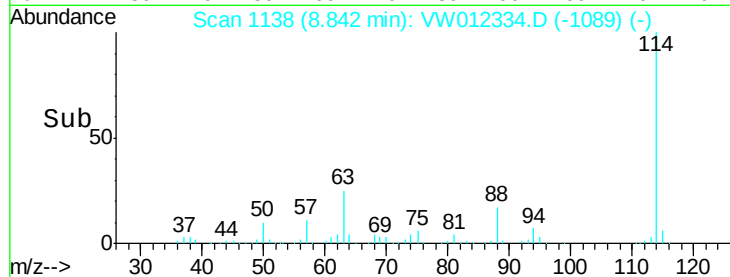
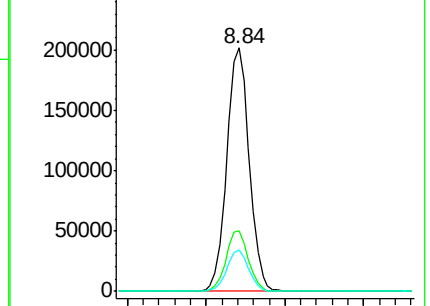
88 17.3 0.0 32.2



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: 50.142 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012334.D

Acq: 30 Aug 2019 05:50

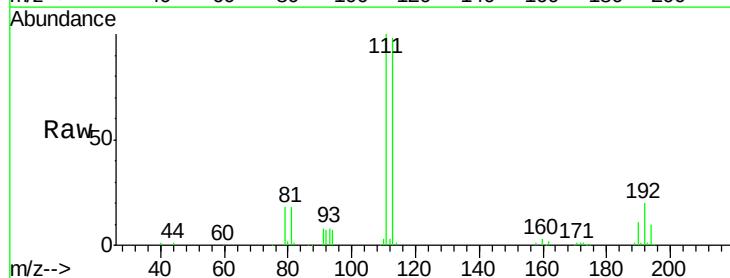
Tgt Ion:113 Resp: 119346

Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

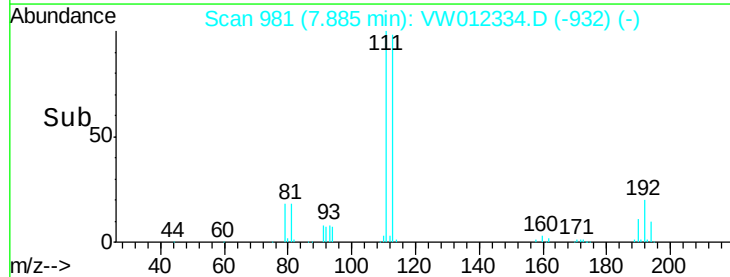
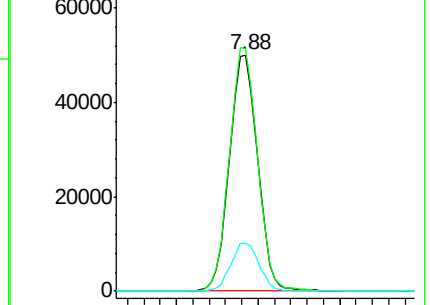
192 20.3 16.2 24.2

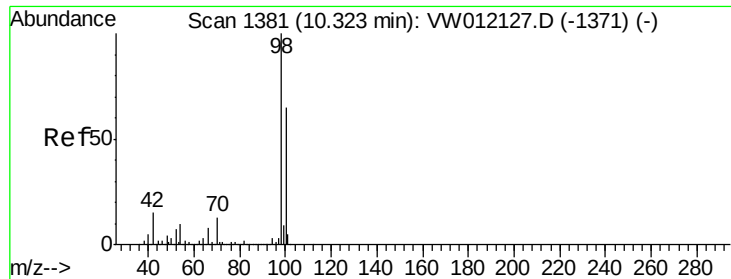


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.600 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012334.D

Acq: 30 Aug 2019 05:50

Instrument :

MSVOA_W

ClientSampleId :

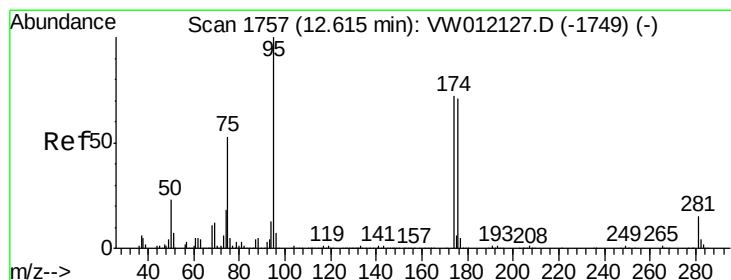
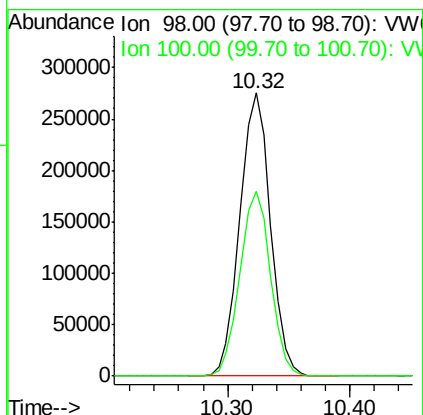
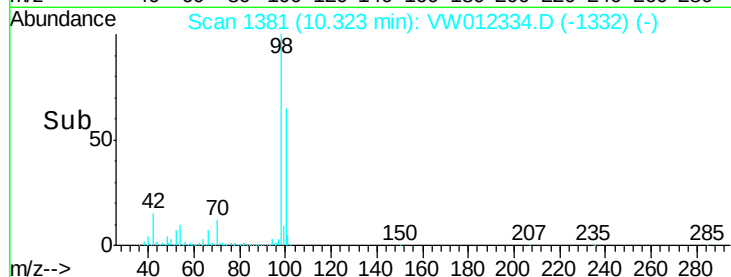
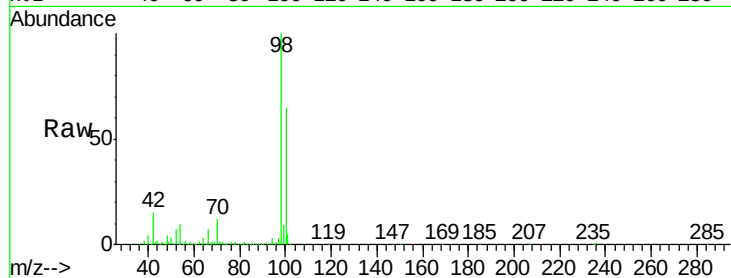
SB-14-(0-2)

Tot Ion: 98 Resp: 478691

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 41.442 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012334.D

Acq: 30 Aug 2019 05:50

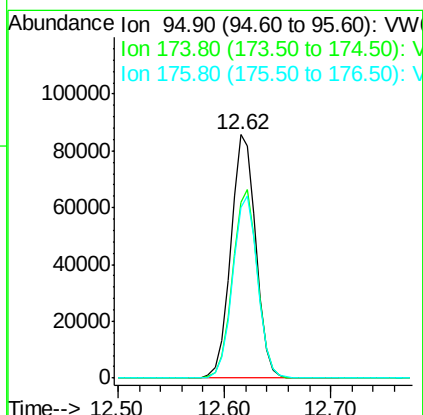
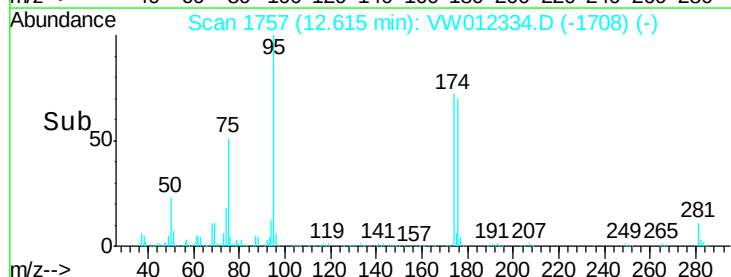
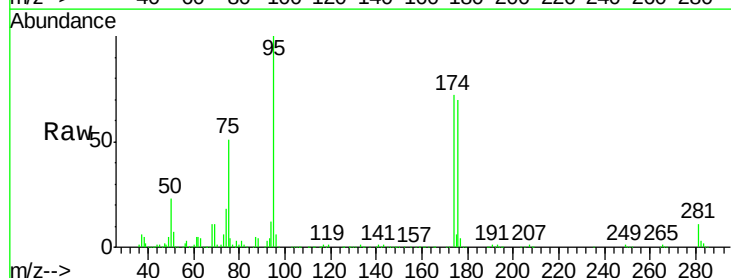
Tgt Ion: 95 Resp: 140984

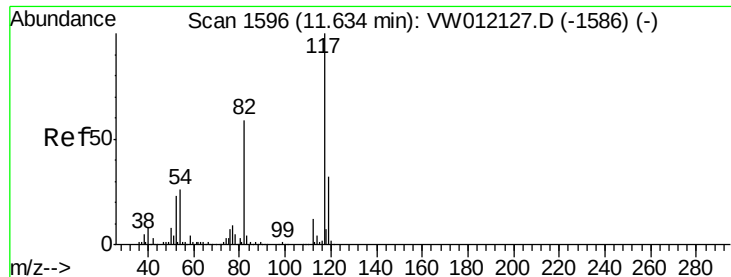
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.8

176 74.6 0.0 148.6

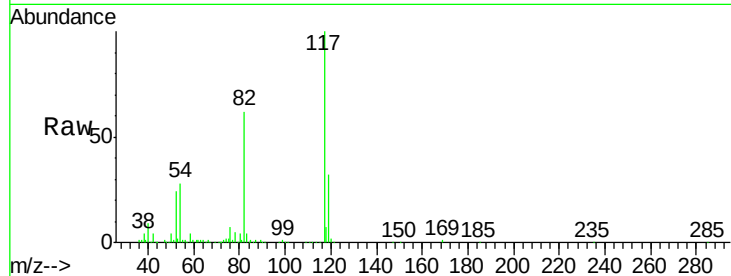




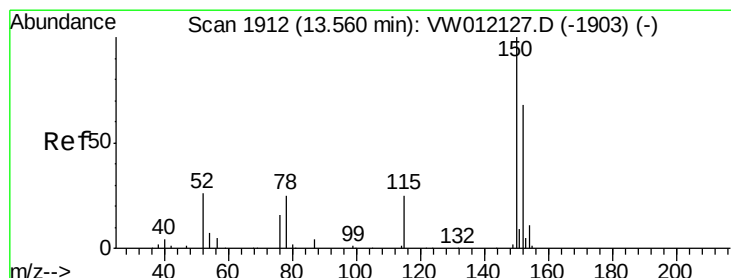
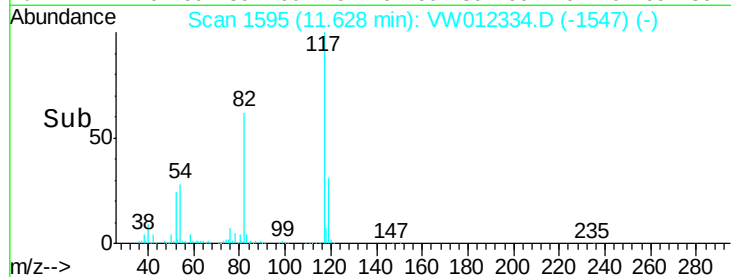
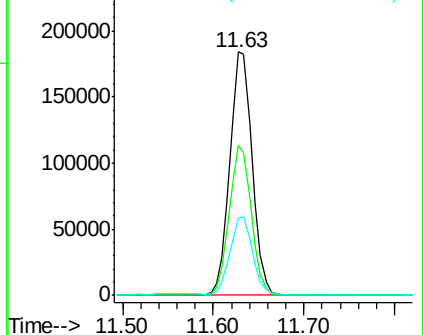
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012334.D
Acq: 30 Aug 2019 05:50

Instrument :
MSVOA_W
ClientSampleId :
SB-14-(0-2)

Tot Ion:117 Resp: 314106
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 31.7 25.4 38.2

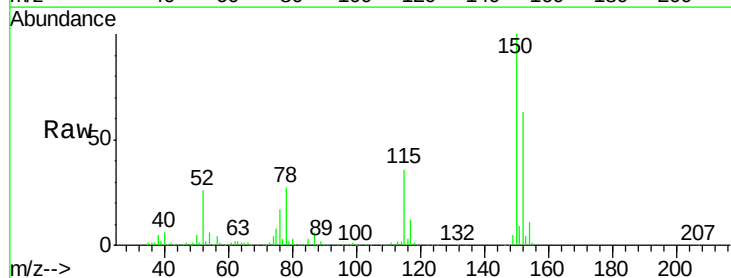


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012334.D
Acq: 30 Aug 2019 05:50

Tgt Ion:152 Resp: 113399
Ion Ratio Lower Upper
152 100
115 59.1 30.1 90.3
150 157.1 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

