

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012327.D
 Acq On : 30 Aug 2019 02:49
 Operator : SY/VA
 Sample : K4568-13
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-37-10.5-11.0

Quant Time: Aug 30 09:37:29 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	263278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	434155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136752	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154037	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.88	113	128258	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	10.32	98	537651	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.62	95	164102	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	

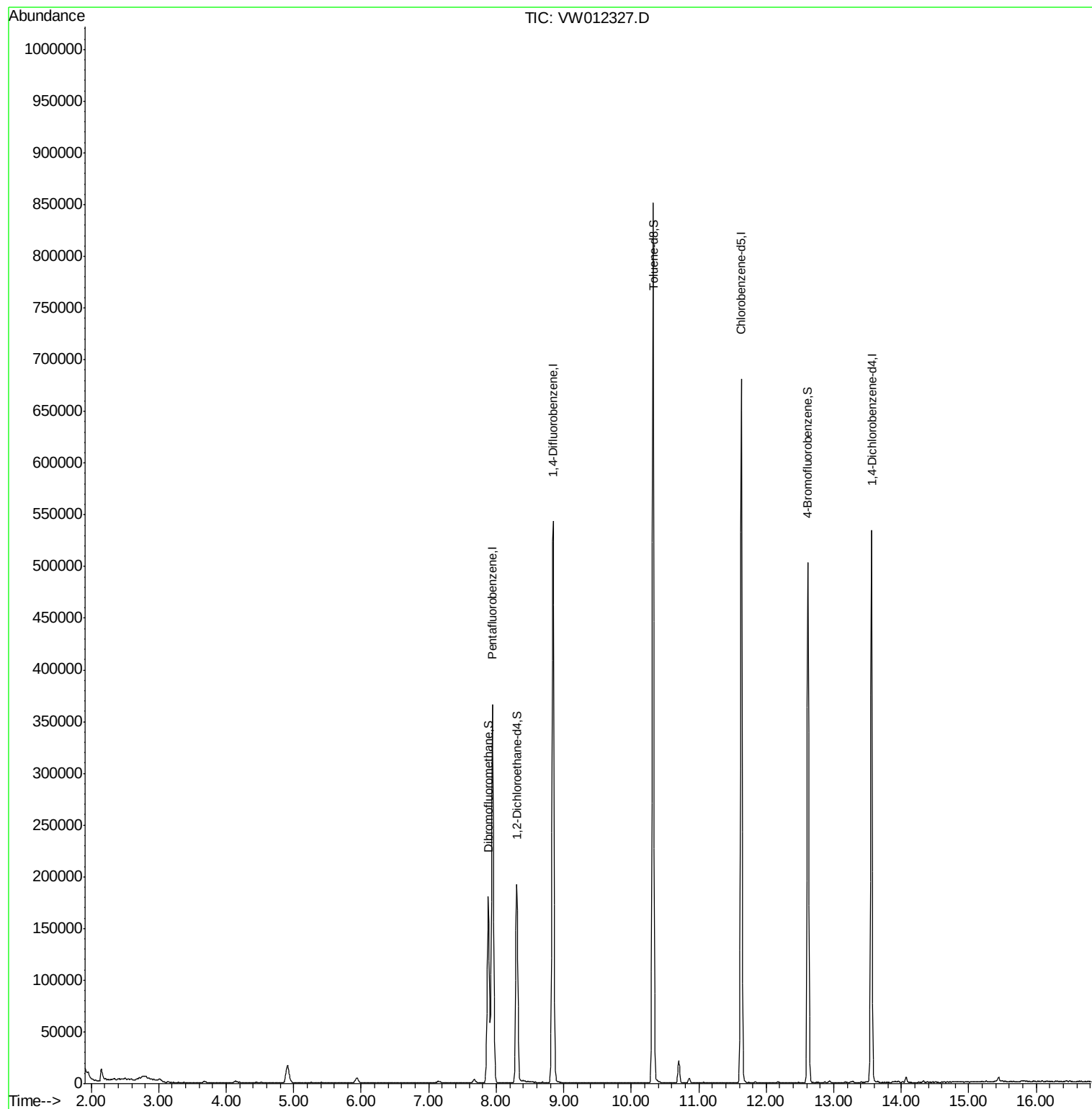
Target Compounds	Qvalue

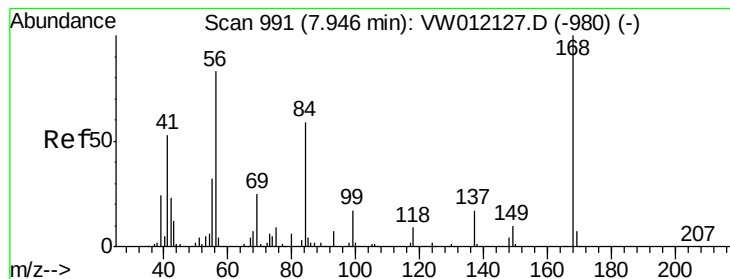
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012327.D

Acq: 30 Aug 2019 02:49

Instrument :

MSVOA_W

ClientSampleId :

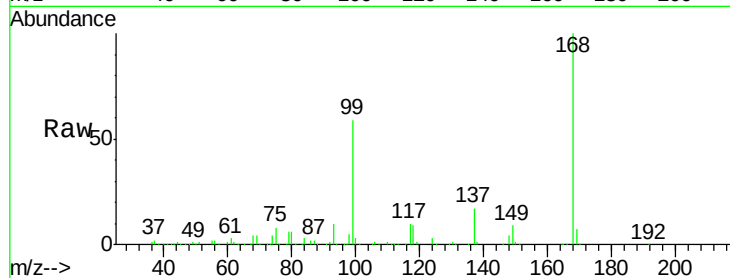
SB-37-10.5-11.0

Tot Ion:168 Resp: 263278

Ion Ratio Lower Upper

168 100

99 59.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

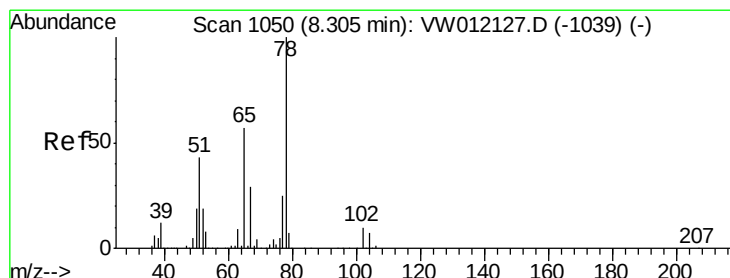
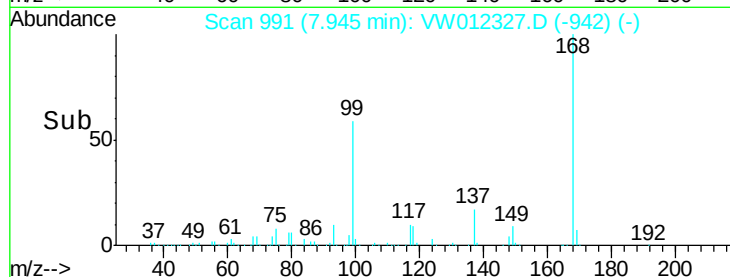
7.95

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.217 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012327.D

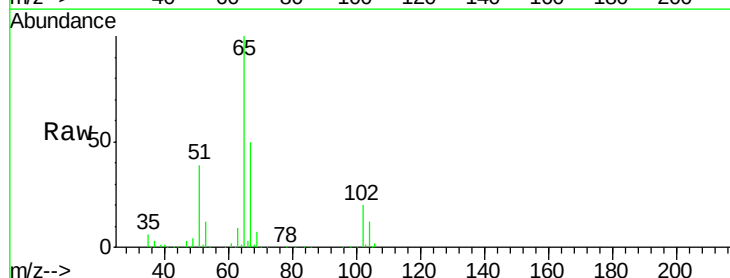
Acq: 30 Aug 2019 02:49

Tgt Ion: 65 Resp: 154037

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

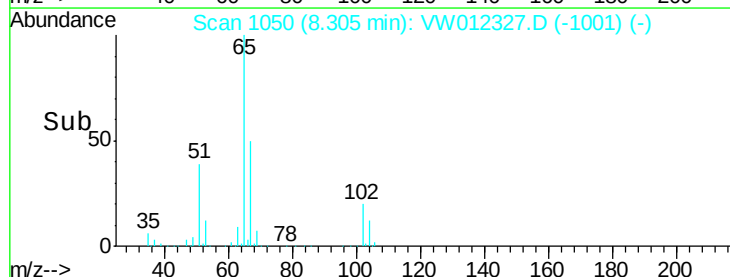
60000

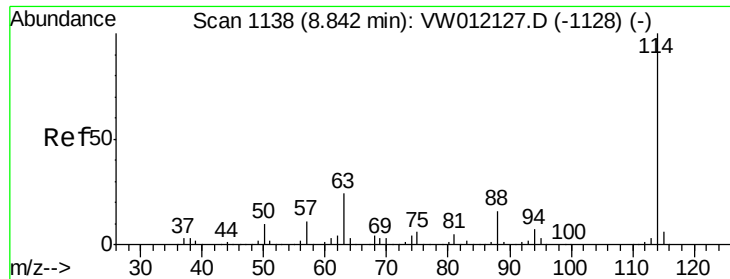
40000

20000

0

Time-->

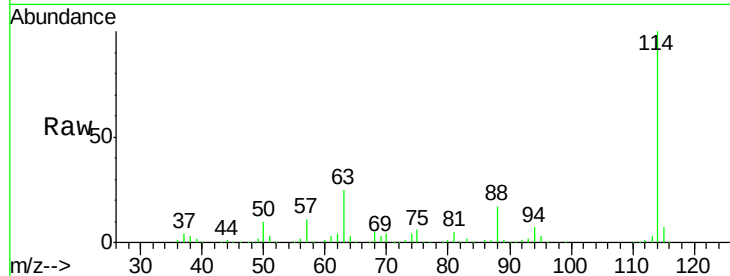




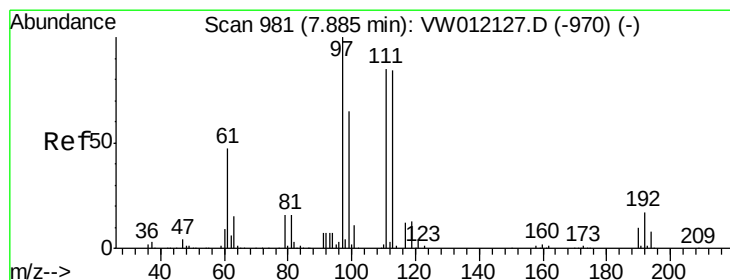
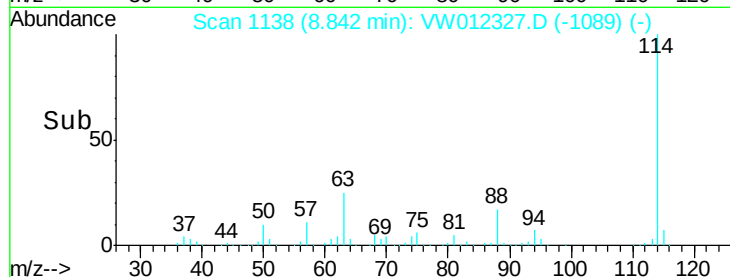
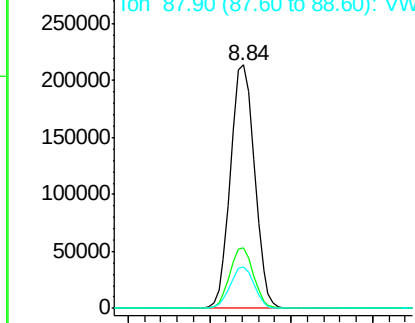
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012327.D
 Acq: 30 Aug 2019 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-37-10.5-11.0

Tot Ion:114 Resp: 434155
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 48.6
 88 17.1 0.0 32.2

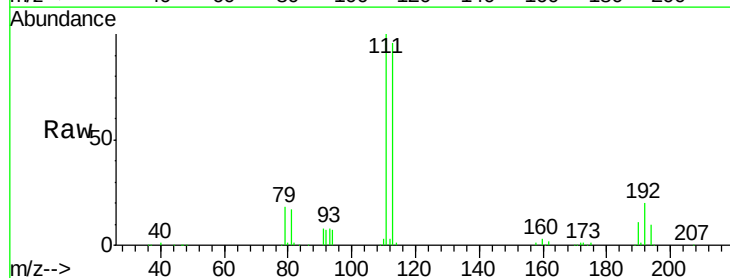


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

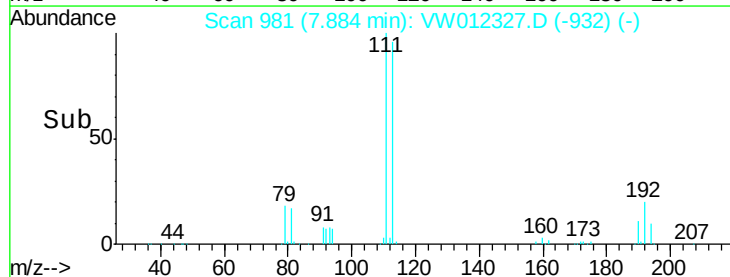
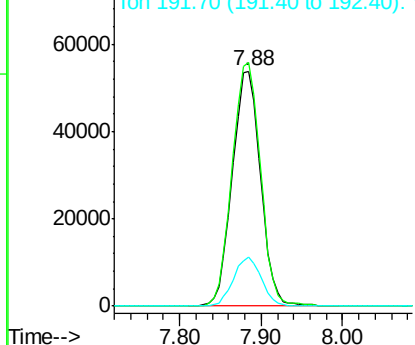


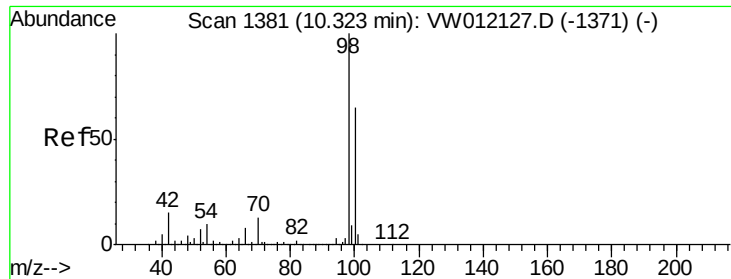
#35
 Dibromofluoromethane
 Concen: 49.492 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012327.D
 Acq: 30 Aug 2019 02:49

Tgt Ion:113 Resp: 128258
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.7 124.1
 192 20.6 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

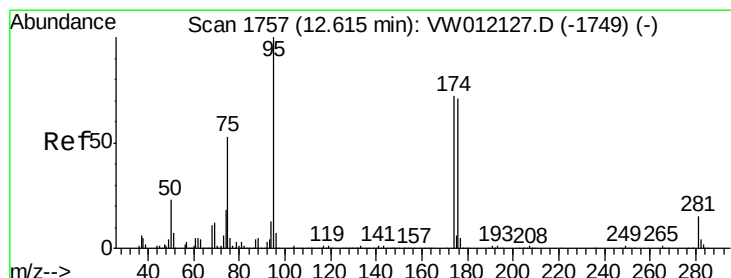
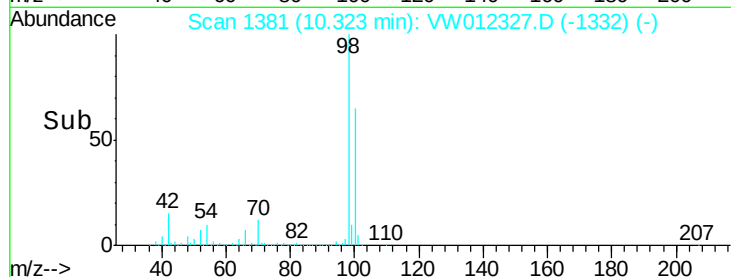
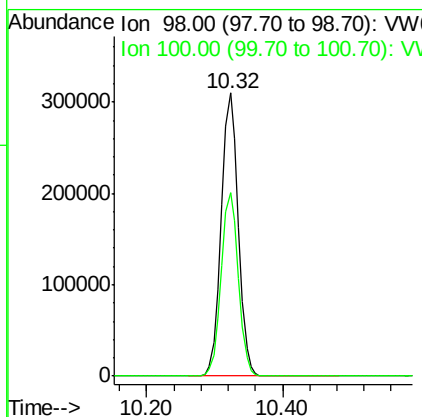
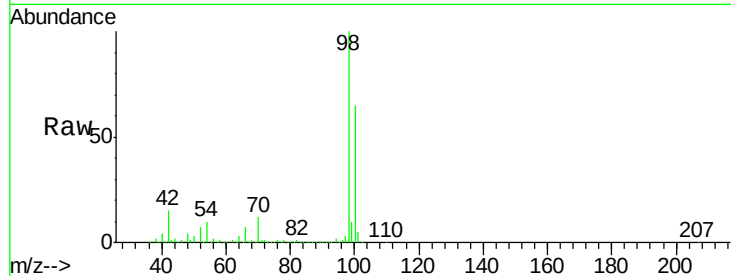




#50
Toluene-d8
Concen: 51.167 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012327.D
Acq: 30 Aug 2019 02:49

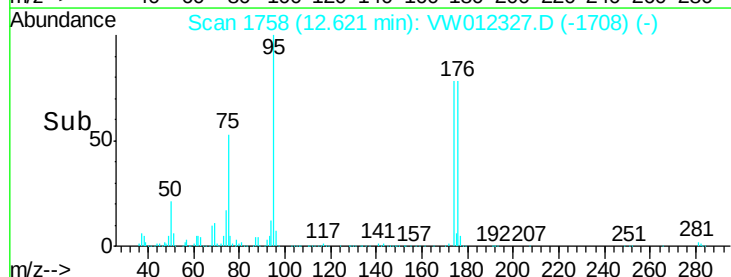
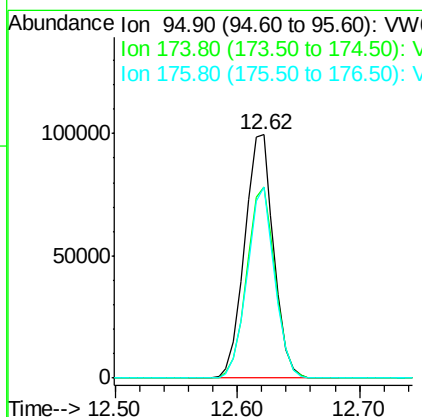
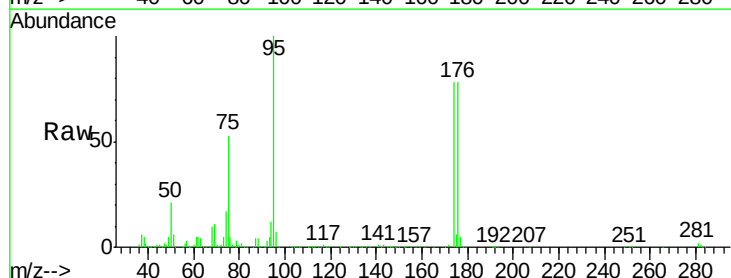
Instrument :
MSVOA_W
ClientSampleId :
SB-37-10.5-11.0

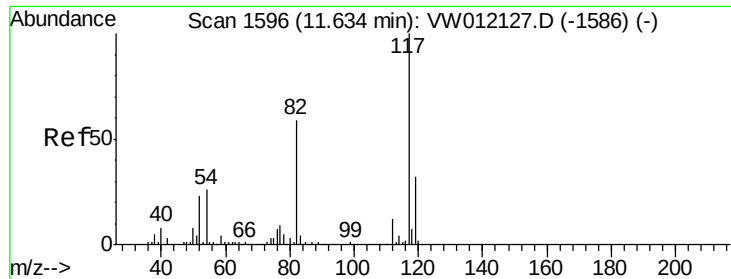
Tot Ion: 98 Resp: 537651
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.304 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012327.D
Acq: 30 Aug 2019 02:49

Tgt Ion: 95 Resp: 164102
Ion Ratio Lower Upper
95 100
174 76.7 0.0 150.8
176 74.6 0.0 148.6

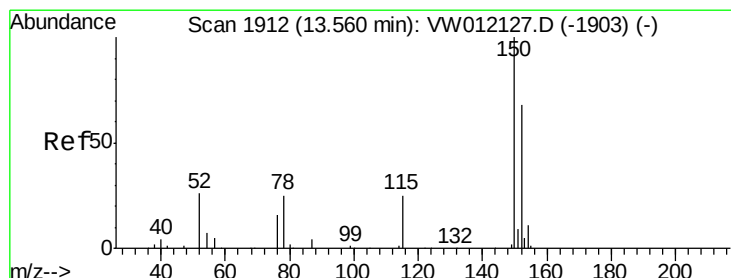
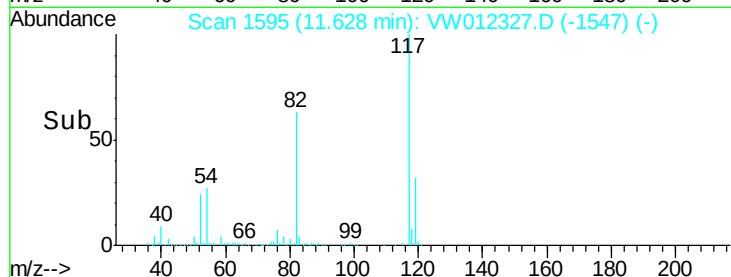
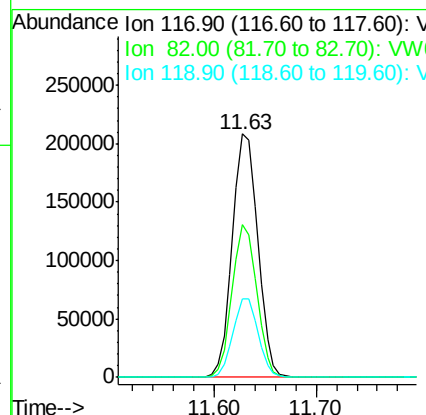
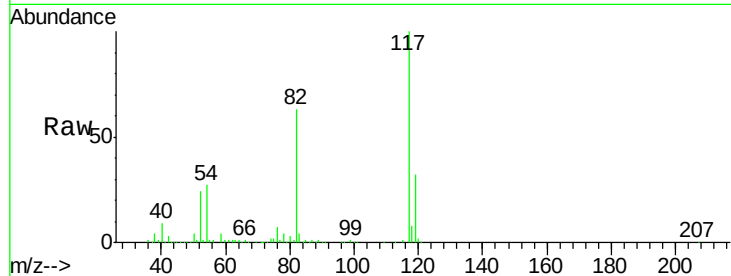




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012327.D
Acq: 30 Aug 2019 02:49

Instrument :
MSVOA_W
ClientSampleId :
SB-37-10.5-11.0

Tot Ion:117 Resp: 360003
Ion Ratio Lower Upper
117 100
82 62.5 47.4 71.2
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012327.D
Acq: 30 Aug 2019 02:49

Tgt Ion:152 Resp: 136752
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 156.9 0.0 345.8

