

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010613.D
 Acq On : 30 May 2019 14:35
 Operator : SY/VA
 Sample : K3097-02
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0422-HR-2(HACKENSACK)

Quant Time: May 31 08:23:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	9137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	15275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3678	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	4814	51.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.08%	
35) Dibromofluoromethane	7.88	113	4326	46.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.34%	
50) Toluene-d8	10.32	98	18603	52.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.62	95	5803	41.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.30%	

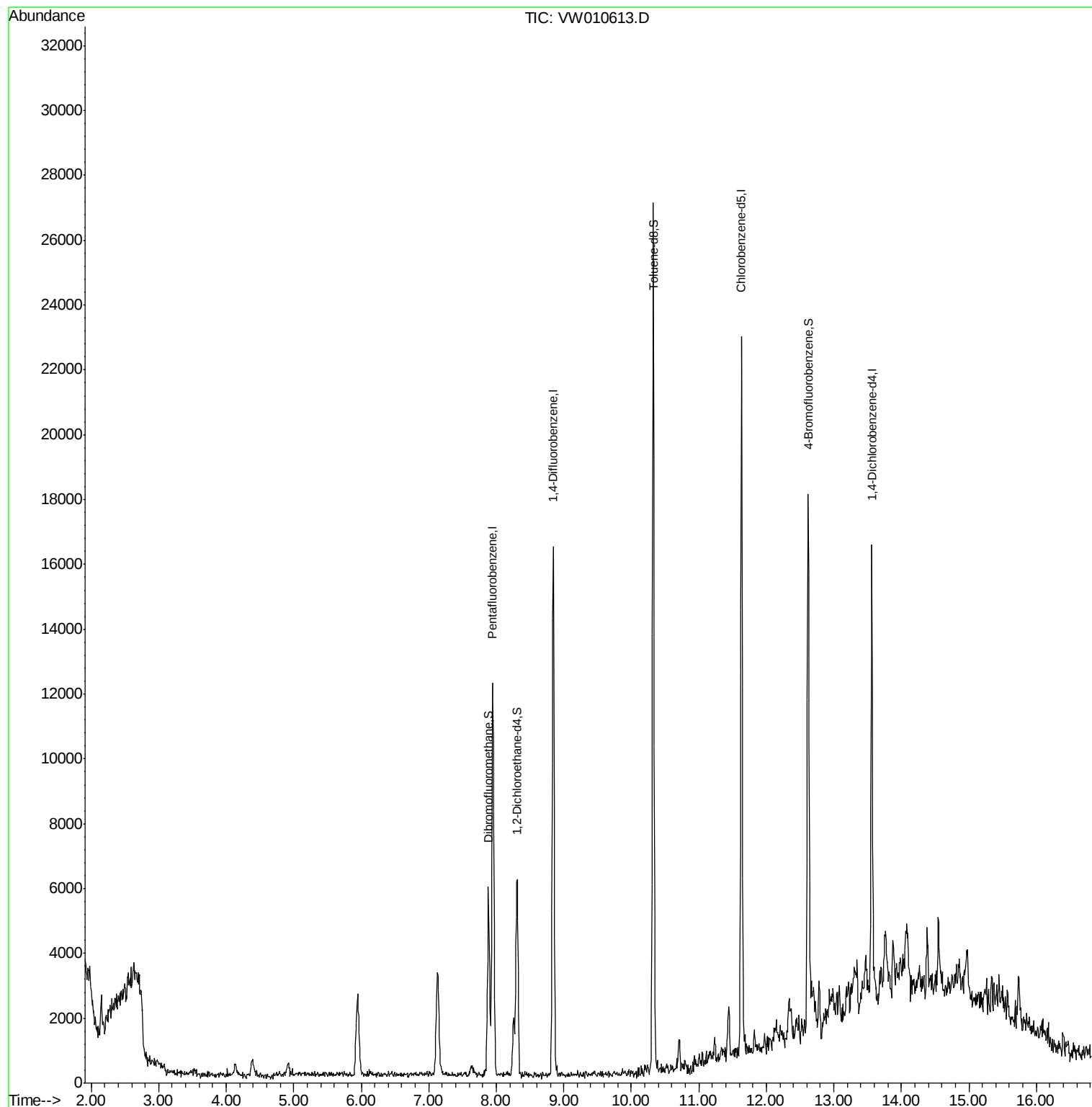
Target Compounds	Qvalue

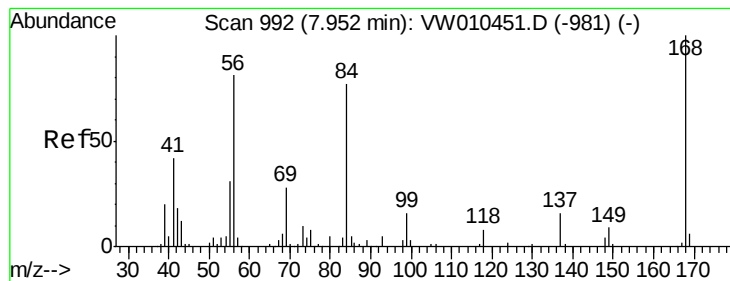
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010613.D

Acq: 30 May 2019 14:35

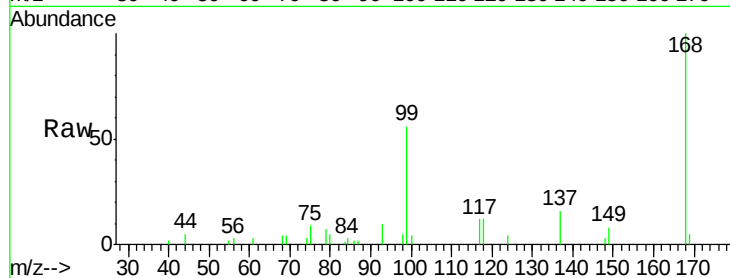
Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tot Ion:168 Resp: 9137

Ion Ratio Lower Upper

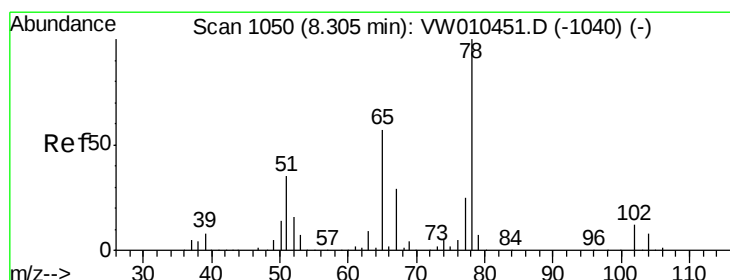
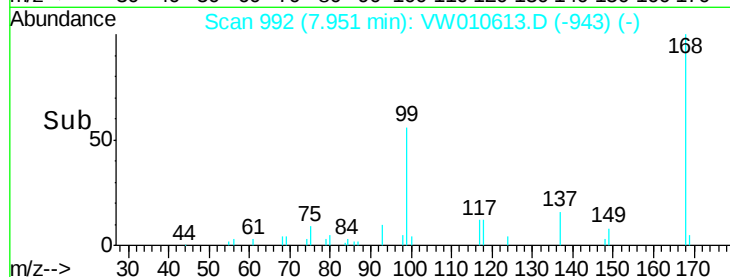
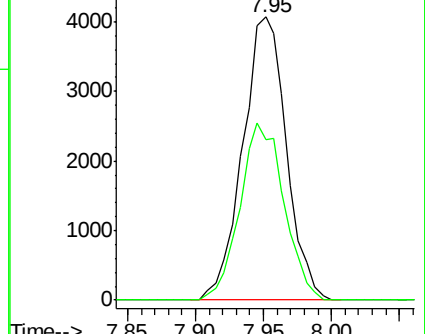
168 100

99 56.5 46.1 69.1



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: 51.045 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW010613.D

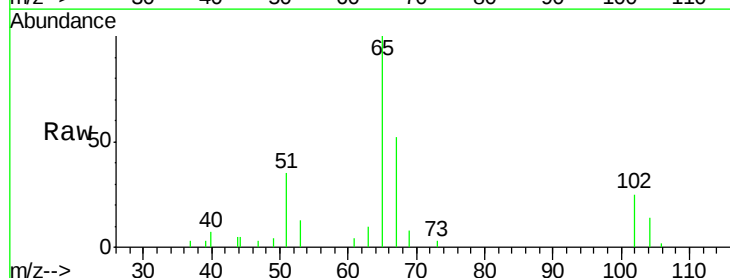
Acq: 30 May 2019 14:35

Tgt Ion: 65 Resp: 4814

Ion Ratio Lower Upper

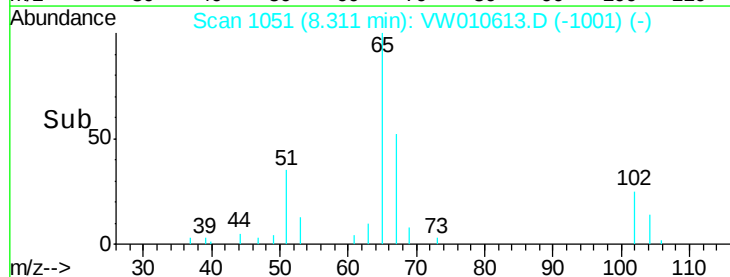
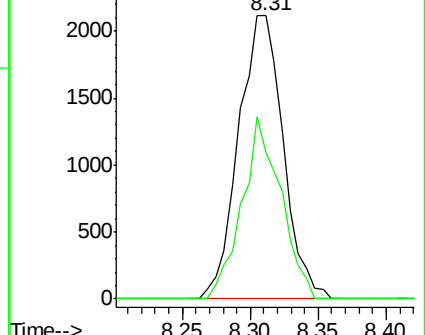
65 100

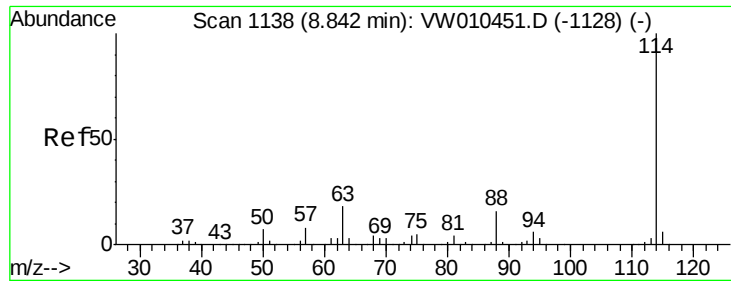
67 55.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

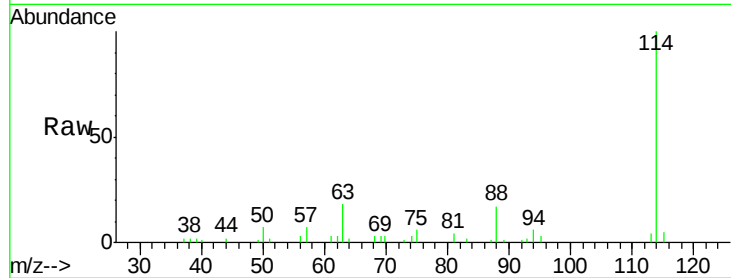




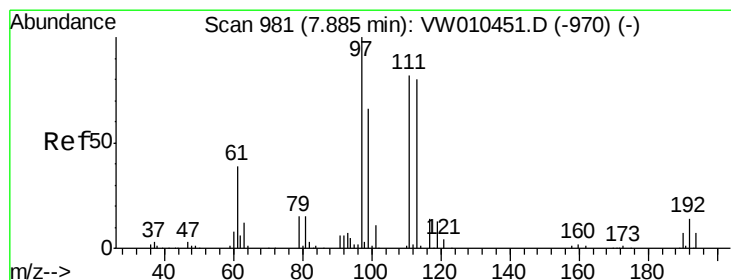
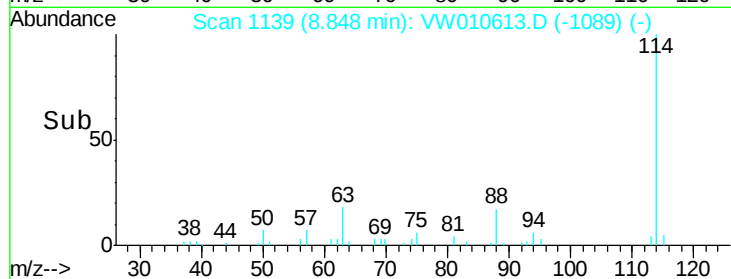
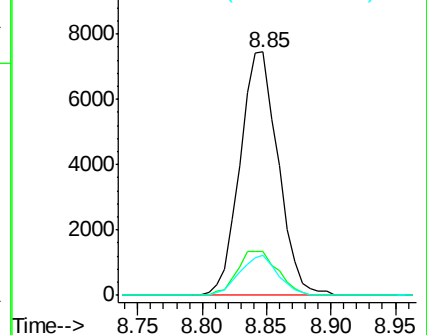
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010613.D
 Acq: 30 May 2019 14:35

Instrument :
 MSVOA_W
 ClientSampleId :
 0422-HR-2(HACKENSACK)

Tot Ion:114 Resp: 15275
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.0
 88 16.7 0.0 32.0

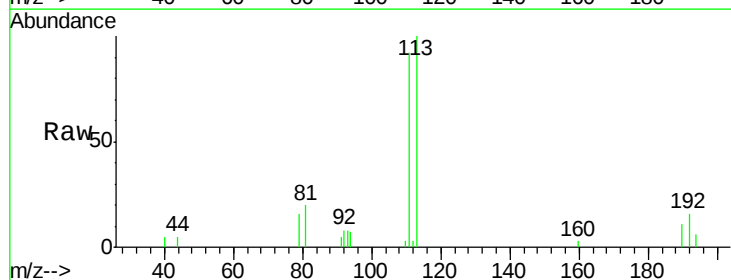


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

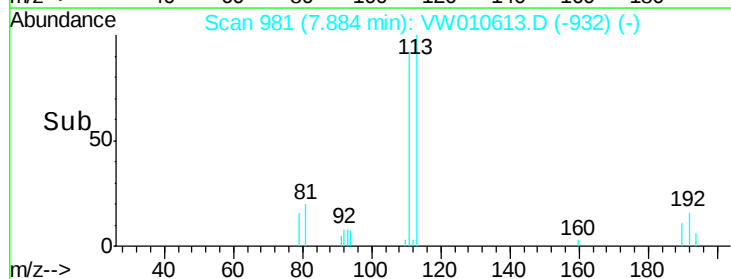
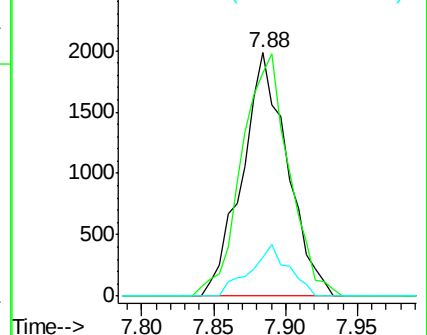


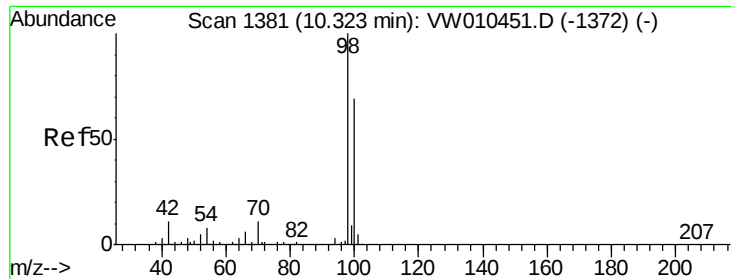
#35
 Dibromofluoromethane
 Concen: 46.674 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010613.D
 Acq: 30 May 2019 14:35

Tgt Ion:113 Resp: 4326
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.4
 192 18.0 14.3 21.5



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: 52.539 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010613.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

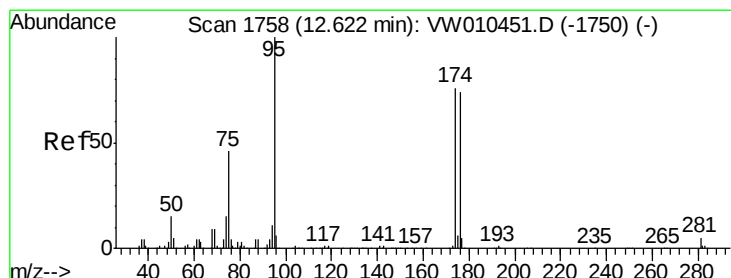
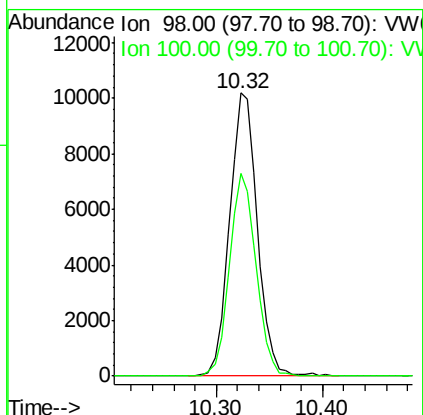
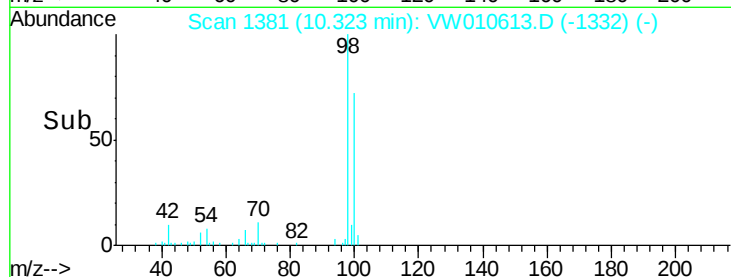
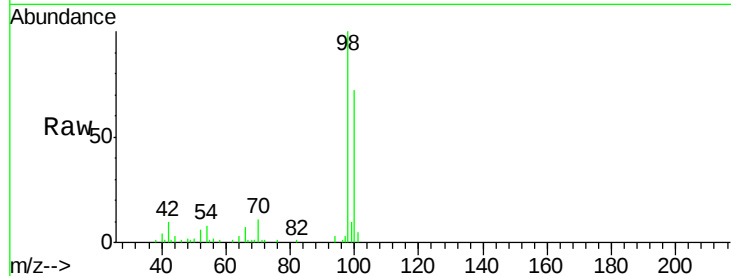
0422-HR-2(HACKENSACK)

Tot Ion: 98 Resp: 18603

Ion Ratio Lower Upper

98 100

100 68.6 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 41.146 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010613.D

Acq: 30 May 2019 14:35

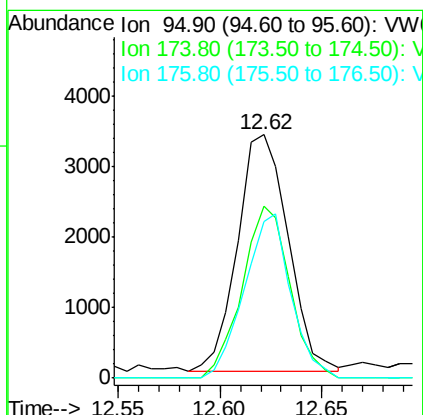
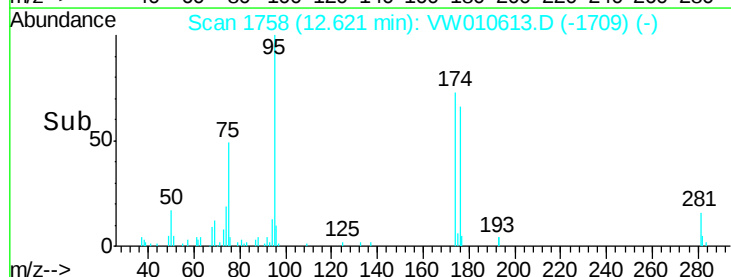
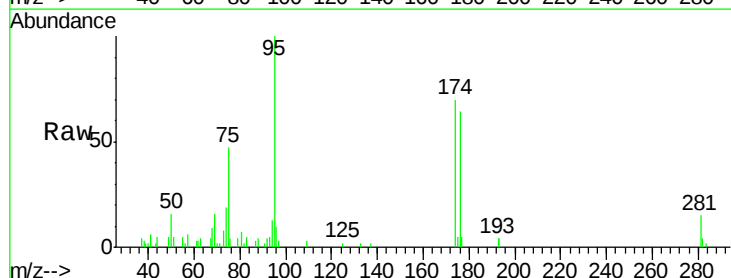
Tgt Ion: 95 Resp: 5803

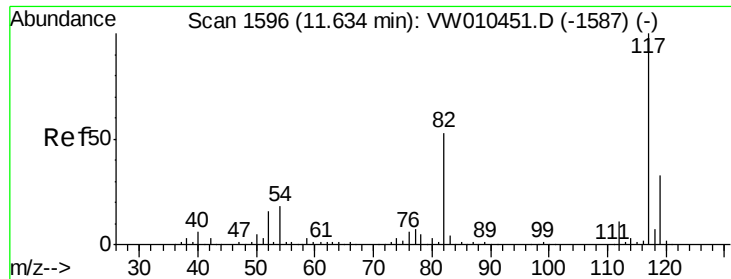
Ion Ratio Lower Upper

95 100

174 68.3 0.0 148.6

176 63.4 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010613.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

0422-HR-2(HACKENSACK)

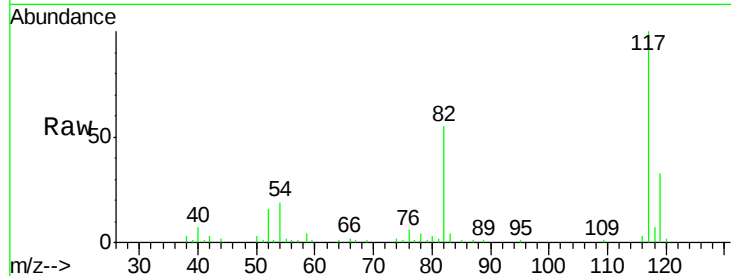
Tot Ion:117 Resp: 13066

Ion Ratio Lower Upper

117 100

82 54.7 42.8 64.2

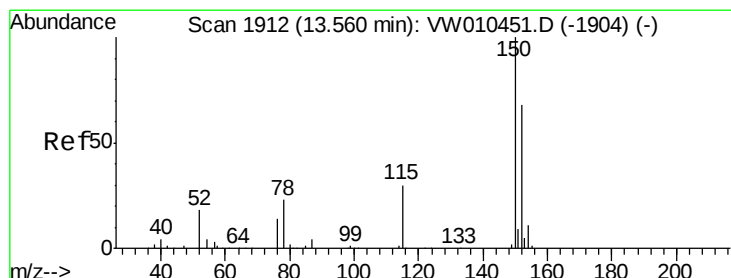
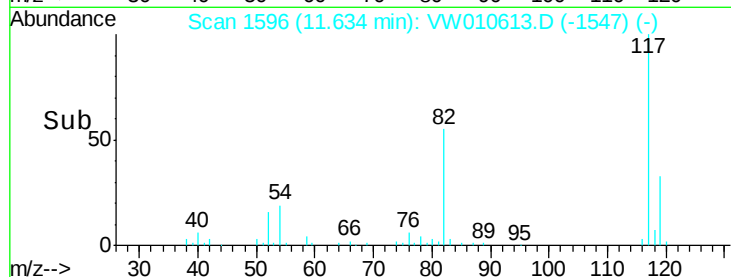
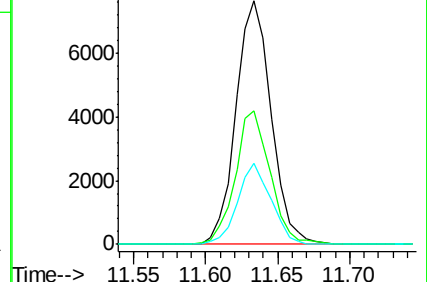
119 33.1 26.3 39.5



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: VW010613.D

Acq: 30 May 2019 14:35

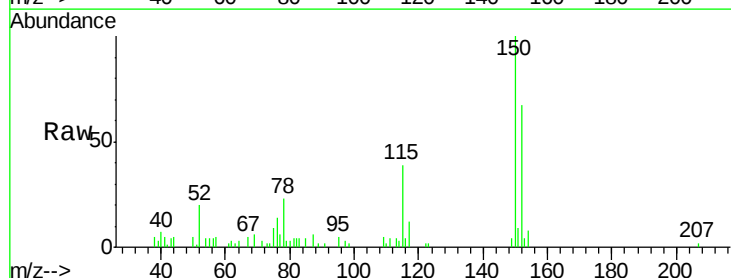
Tgt Ion:152 Resp: 3678

Ion Ratio Lower Upper

152 100

115 63.6 30.3 91.0

150 151.9 0.0 349.8



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

