

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010617.D
 Acq On : 30 May 2019 16:26
 Operator : SY/VA
 Sample : K3097-06
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0426-HR-6(HACKENSACK)

Quant Time: May 31 08:34:52 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

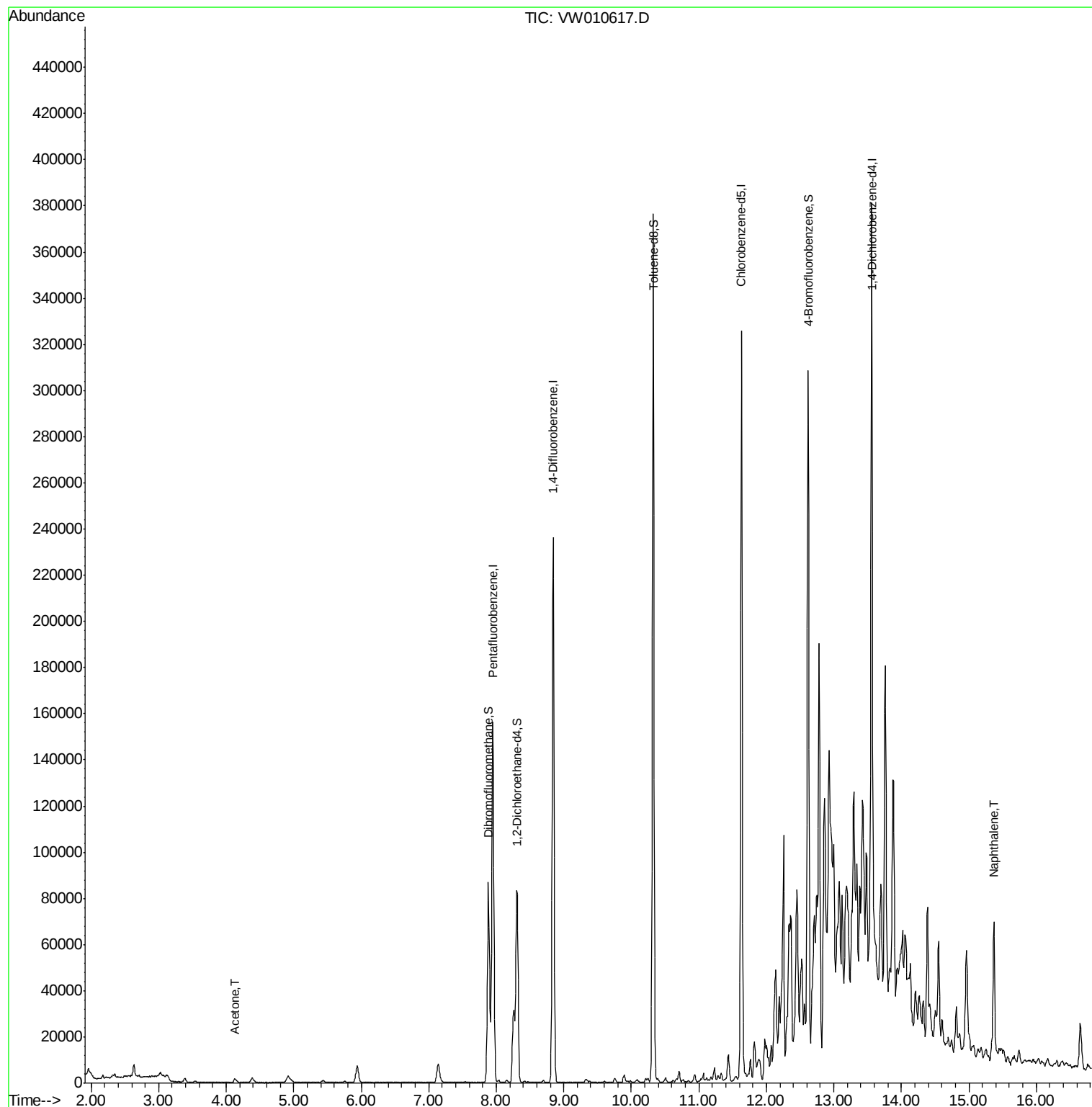
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	211452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	66056	55.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.18%	
35) Dibromofluoromethane	7.88	113	63187	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	10.32	98	257474	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	99456	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
16) Acetone	4.14	43	2964	12.111	ug/l	90
95) Naphthalene	15.37	128	52744	12.994	ug/l	99

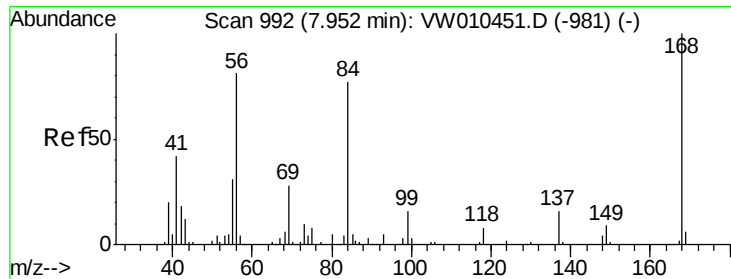
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010617.D

Acq: 30 May 2019 16:26

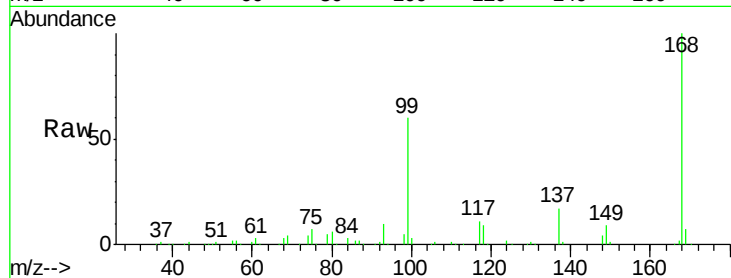
Instrument :
MSVOA_W
ClientSampleId :
0426-HR-6(HACKENSACK)

Tot Ion:168 Resp: 116162

Ion Ratio Lower Upper

168 100

99 60.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

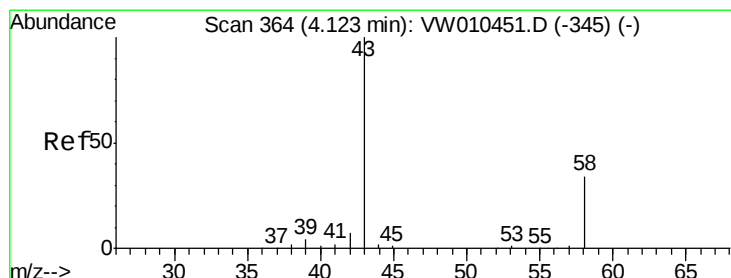
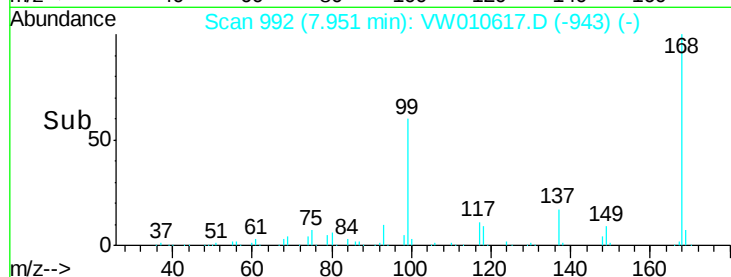
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 12.111 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010617.D

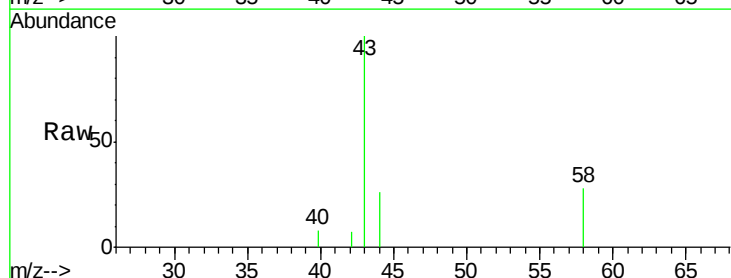
Acq: 30 May 2019 16:26

Tgt Ion: 43 Resp: 2964

Ion Ratio Lower Upper

43 100

58 28.0 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1200

1000

800

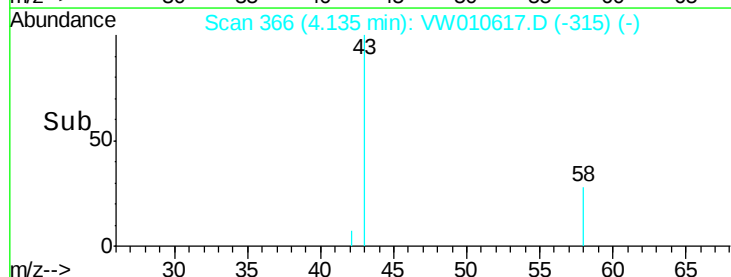
600

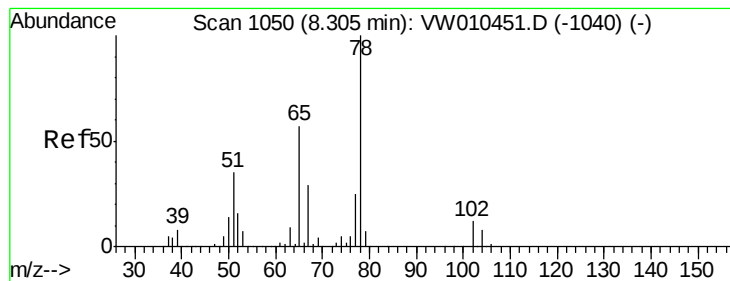
400

200

0

Time--> 4.05 4.10 4.15 4.20





#33

1,2-Dichloroethane-d4

Concen: 55.093 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010617.D

Acq: 30 May 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

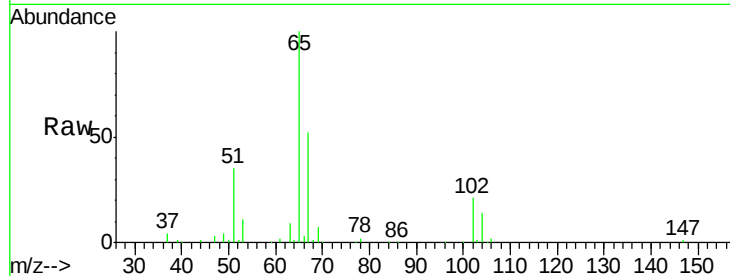
0426-HR-6(HACKENSACK)

Tot Ion: 65 Resp: 66056

Ion Ratio Lower Upper

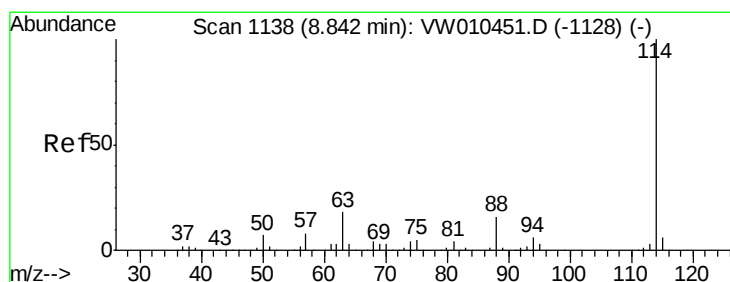
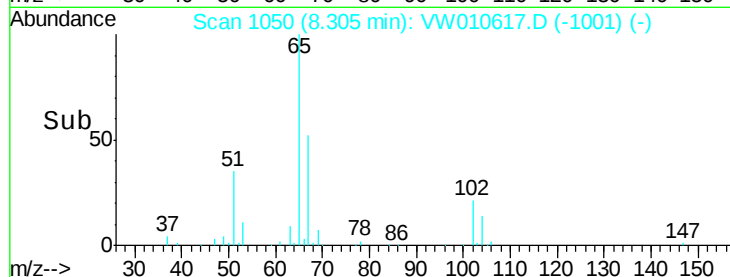
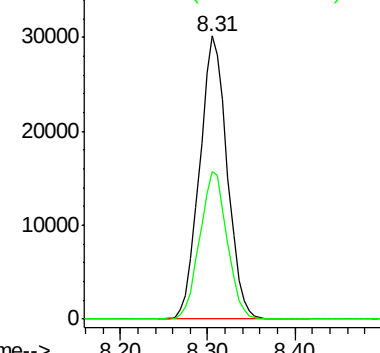
65 100

67 52.0 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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010617.D

Acq: 30 May 2019 16:26

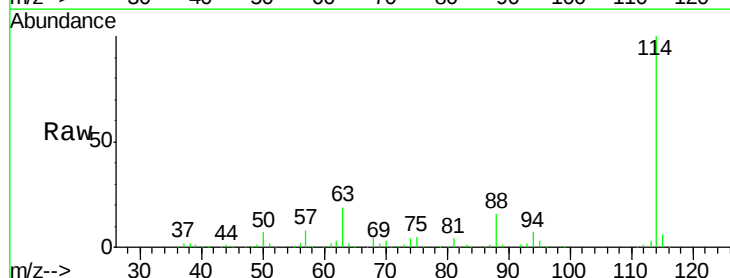
Tgt Ion: 114 Resp: 211452

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.0

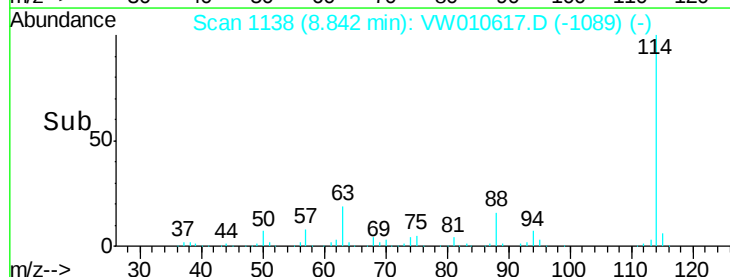
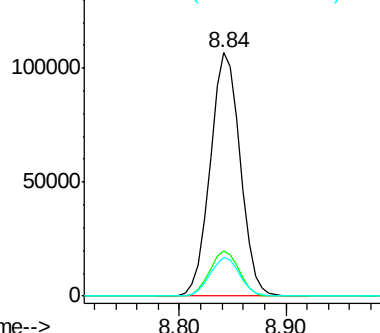
88 15.7 0.0 32.0

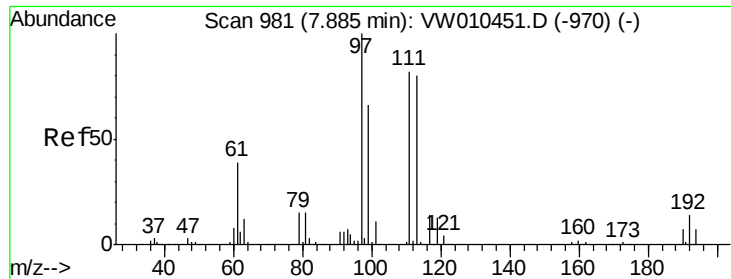


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

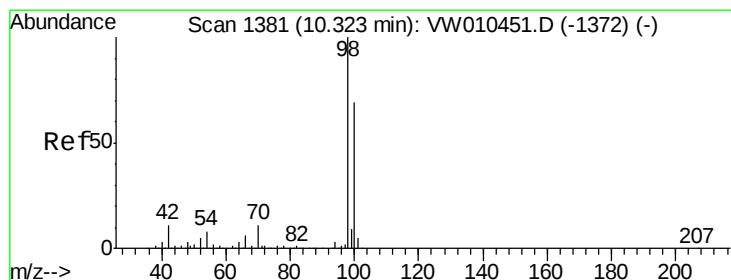
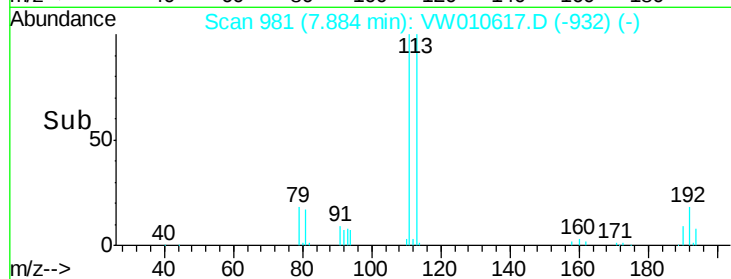
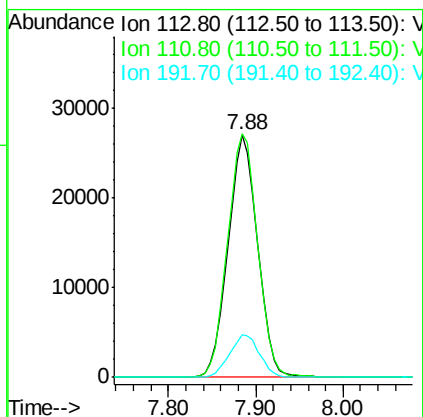
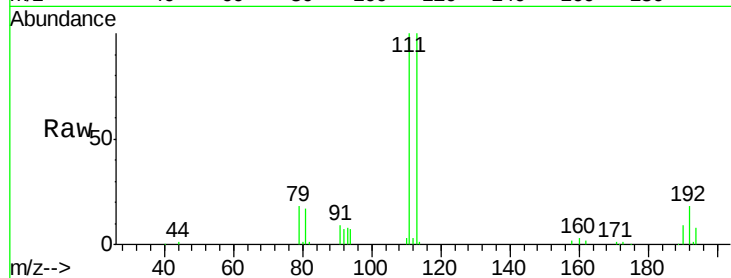




#35
Dibromofluoromethane
Concen: 49.248 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010617.D
Acq: 30 May 2019 16:26

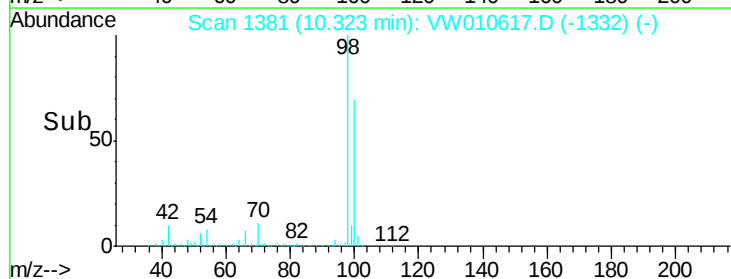
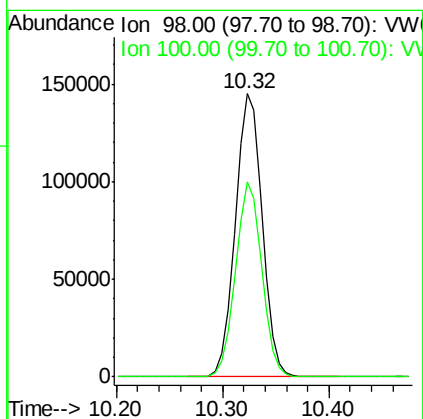
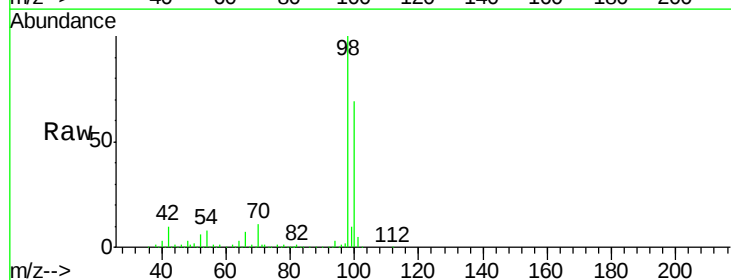
Instrument :
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0426-HR-6(HACKENSACK)

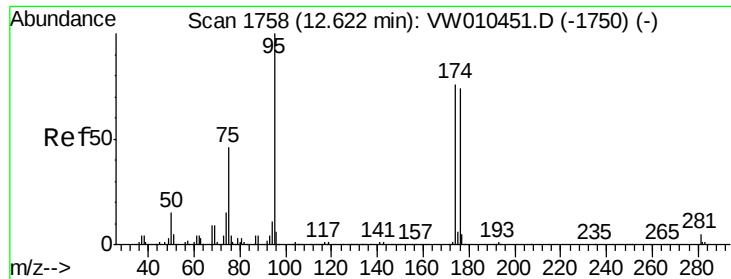
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	17.9	14.3	21.5



#50
Toluene-d8
Concen: 52.529 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010617.D
Acq: 30 May 2019 16:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 50.941 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010617.D

Acq: 30 May 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

0426-HR-6(HACKENSACK)

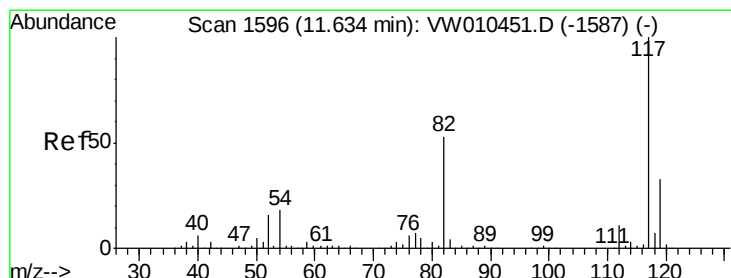
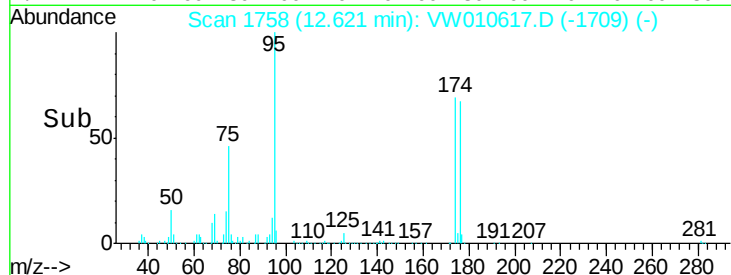
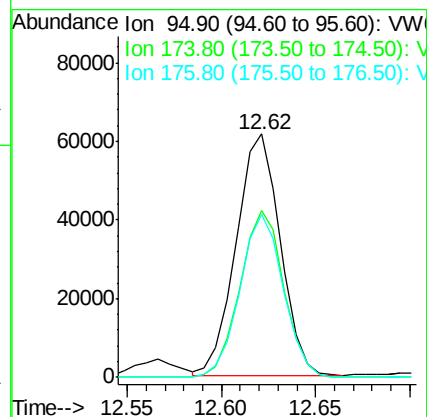
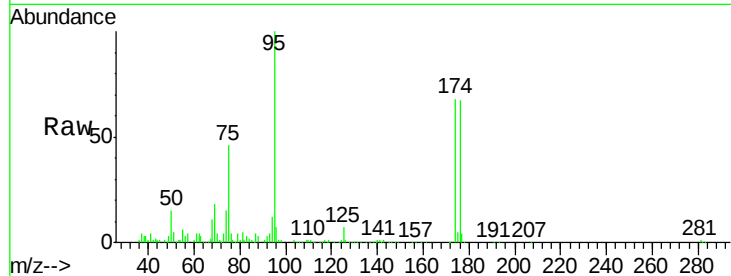
Tot Ion: 95 Resp: 99456

Ion Ratio Lower Upper

95 100

174 68.4 0.0 148.6

176 66.3 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: VW010617.D

Acq: 30 May 2019 16:26

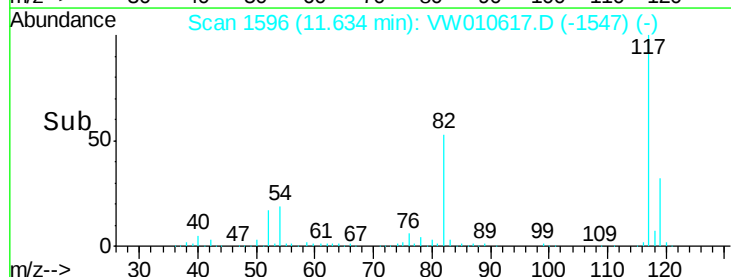
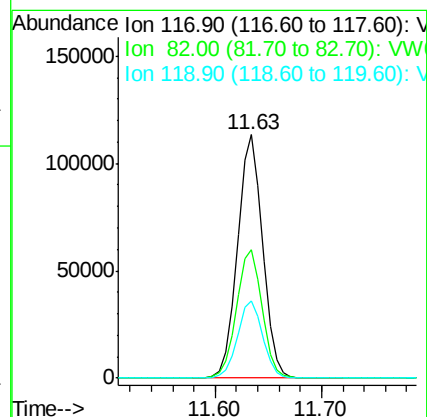
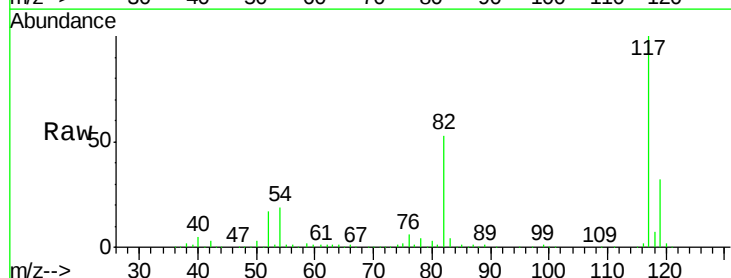
Tgt Ion: 117 Resp: 187638

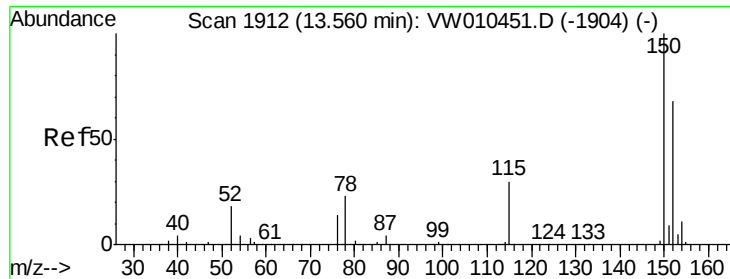
Ion Ratio Lower Upper

117 100

82 52.8 42.8 64.2

119 31.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010617.D

Acq: 30 May 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

0426-HR-6(HACKENSACK)

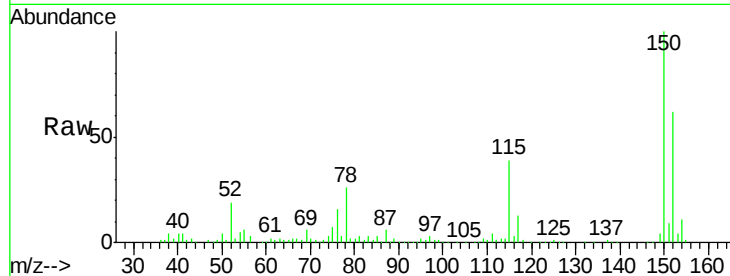
Tot Ion:152 Resp: 89531

Ion Ratio Lower Upper

152 100

115 60.7 30.3 91.0

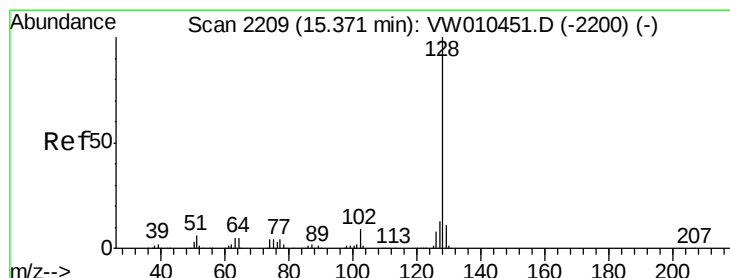
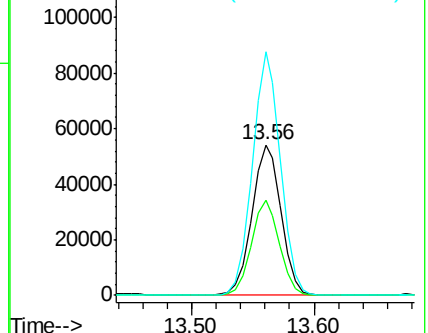
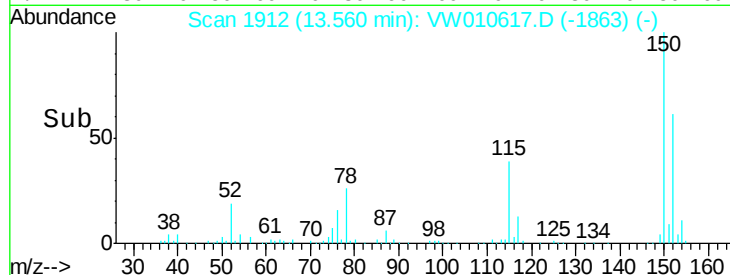
150 155.4 0.0 349.8



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



#95

Naphthalene

Concen: 12.994 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010617.D

Acq: 30 May 2019 16:26

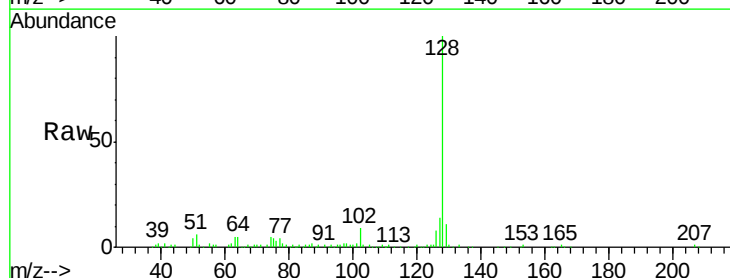
Tgt Ion:128 Resp: 52744

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

