

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010620.D
 Acq On : 30 May 2019 17:48
 Operator : SY/VA
 Sample : K3097-09
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0429-HR-9(HACKENSACK)

Quant Time: May 31 08:42:39 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	20481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	33829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	29839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11907	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11131	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	10430	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.32	98	41024	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.62	95	14203	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	

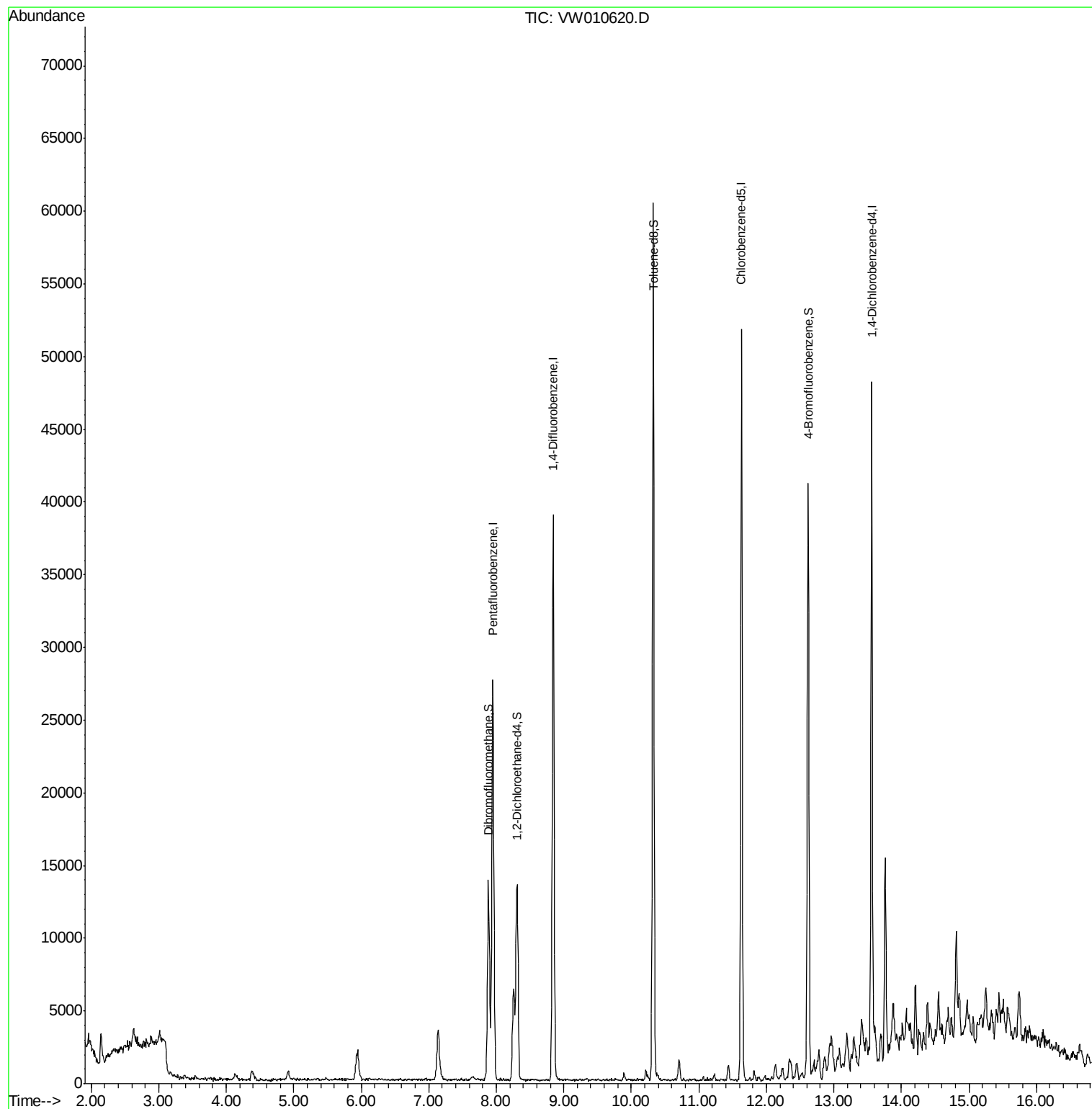
Target Compounds	Qvalue
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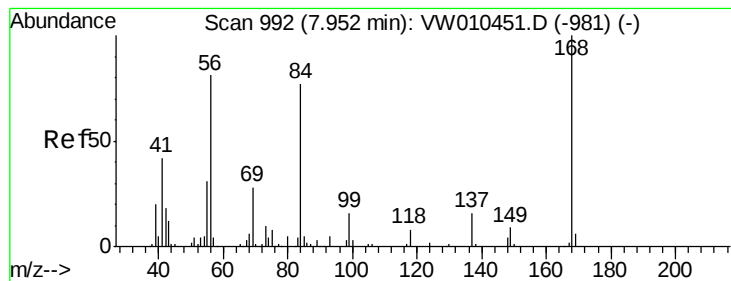
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010620.D

Acq: 30 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

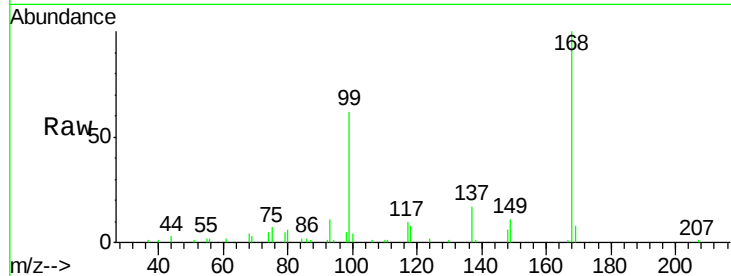
0429-HR-9(HACKENSACK)

Tot Ion:168 Resp: 20481

Ion Ratio Lower Upper

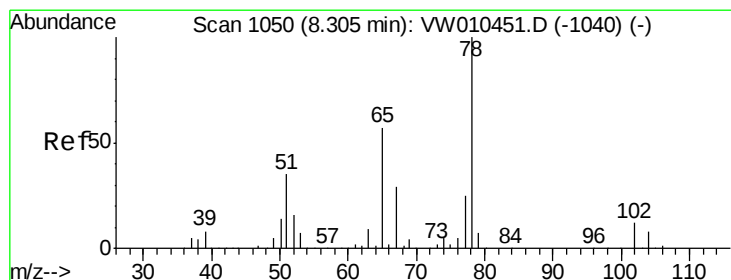
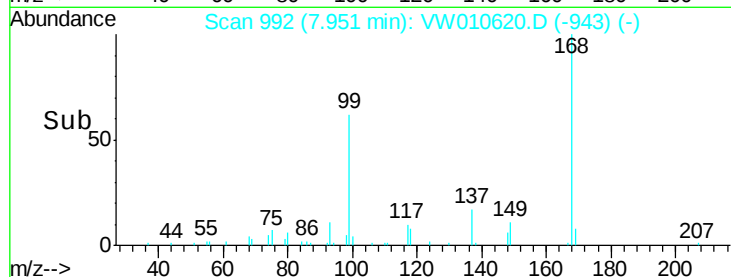
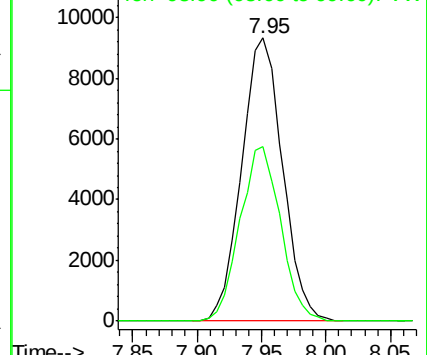
168 100

99 61.6 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: 52.654 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW010620.D

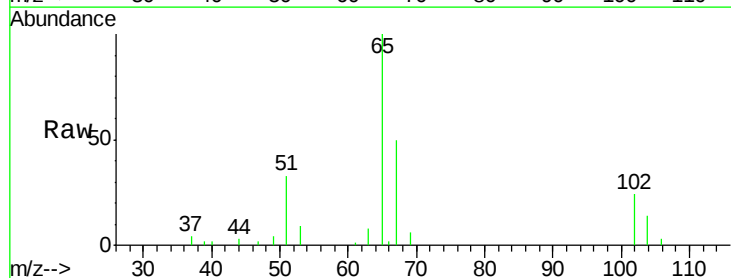
Acq: 30 May 2019 17:48

Tgt Ion: 65 Resp: 11131

Ion Ratio Lower Upper

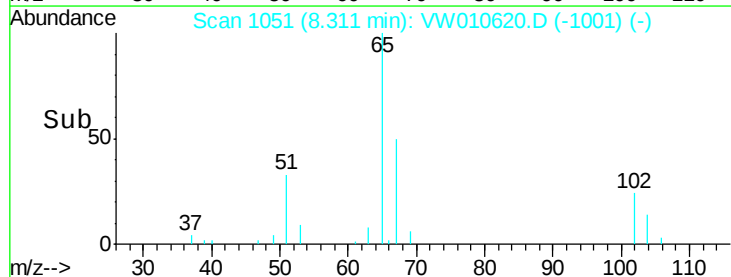
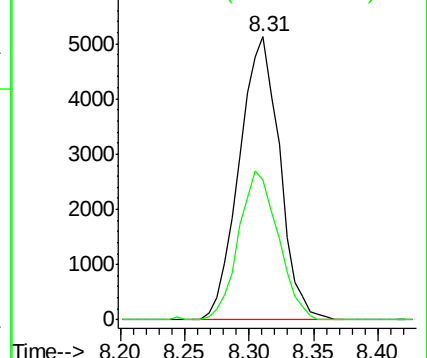
65 100

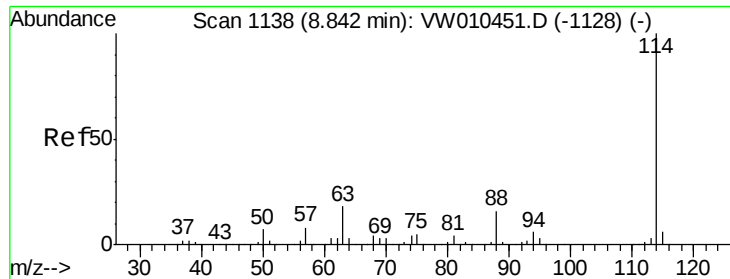
67 51.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

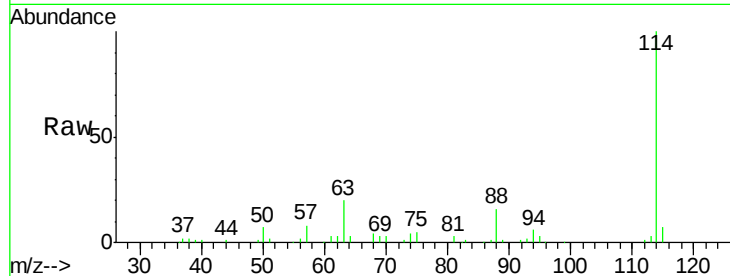




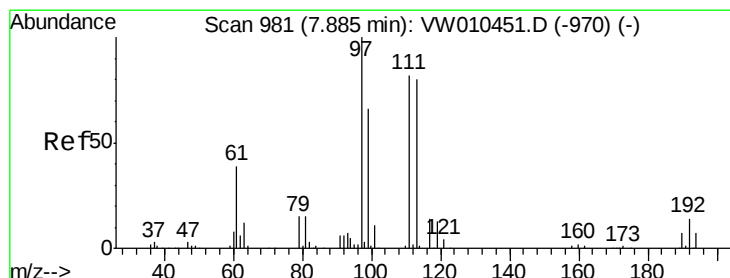
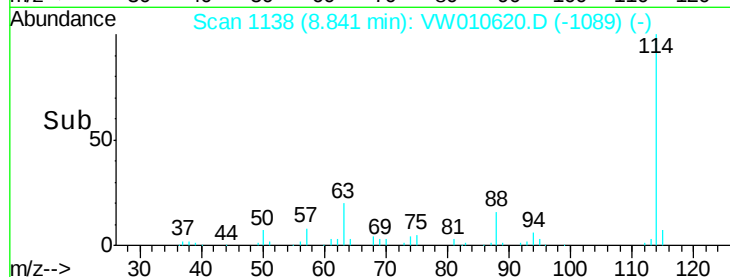
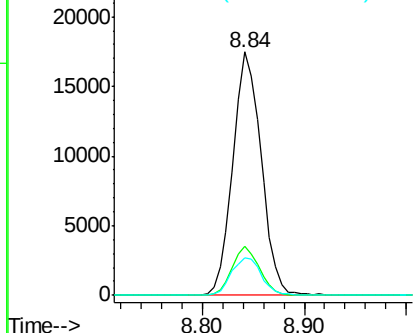
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010620.D
 Acq: 30 May 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 0429-HR-9(HACKENSACK)

Tot Ion:114 Resp: 33829
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 36.0
 88 15.6 0.0 32.0

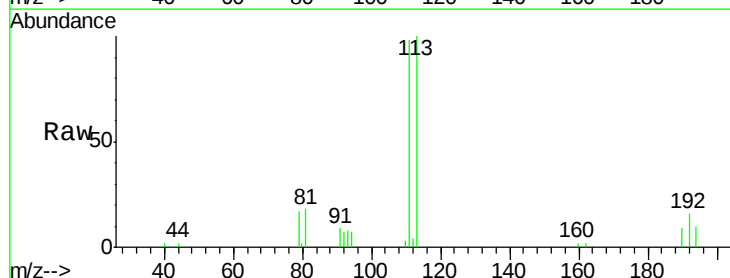


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

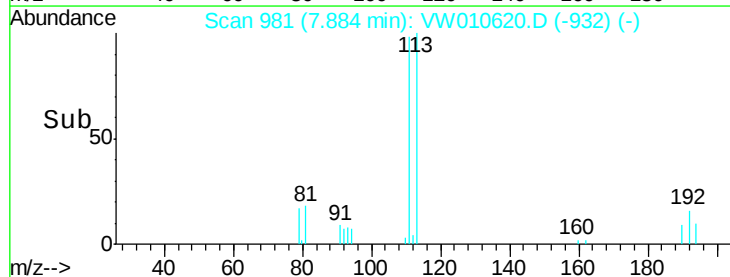
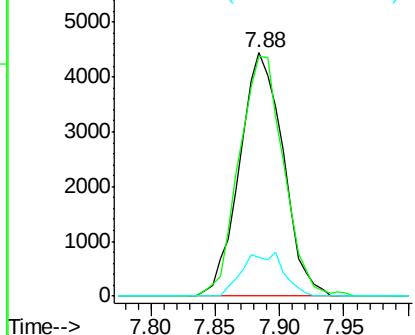


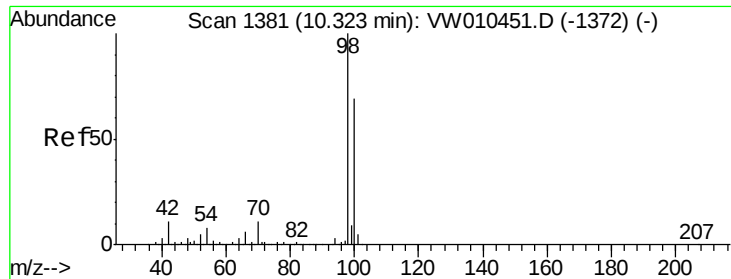
#35
 Dibromofluoromethane
 Concen: 50.812 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010620.D
 Acq: 30 May 2019 17:48

Tgt Ion:113 Resp: 10430
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.2 123.4
 192 17.0 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: 52.315 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010620.D

Acq: 30 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

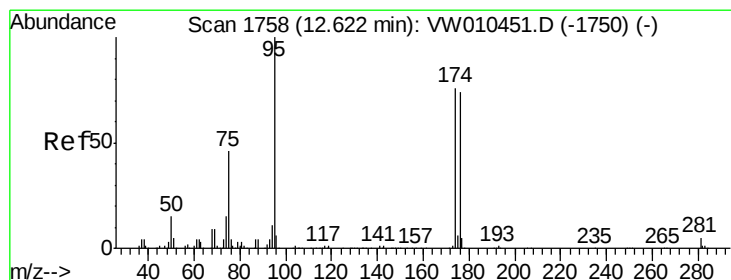
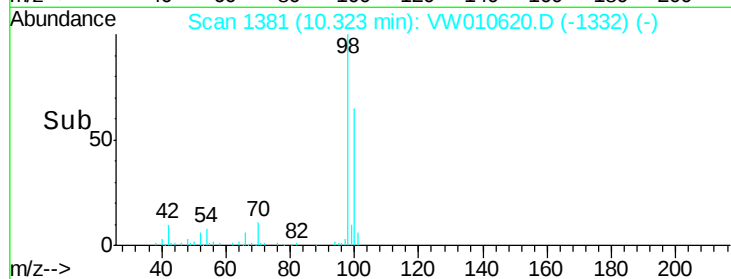
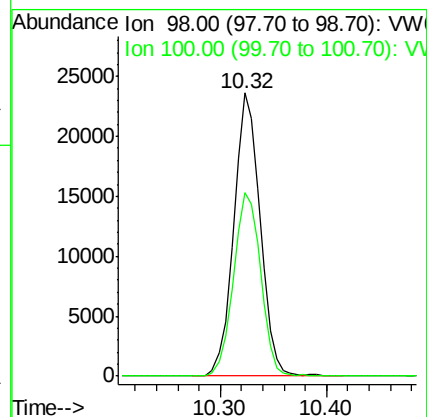
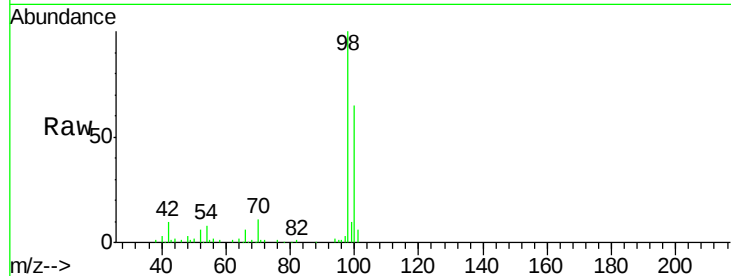
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Tot Ion: 98 Resp: 41024

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 45.472 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010620.D

Acq: 30 May 2019 17:48

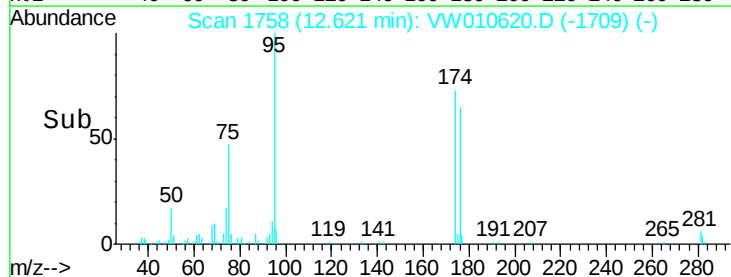
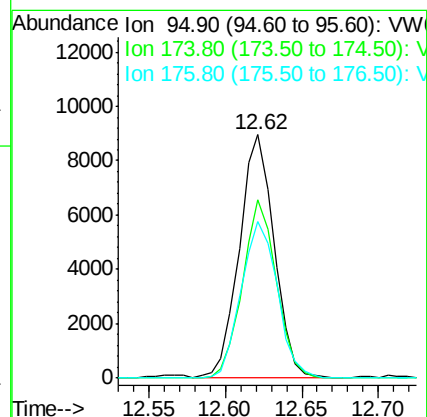
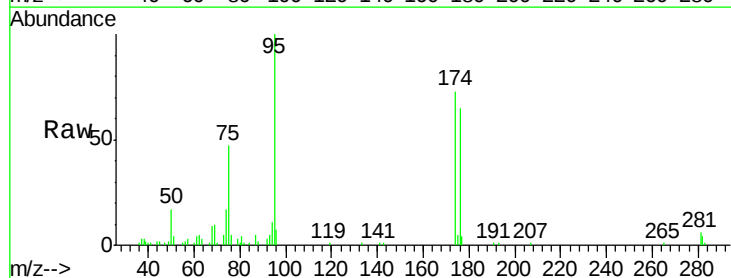
Tgt Ion: 95 Resp: 14203

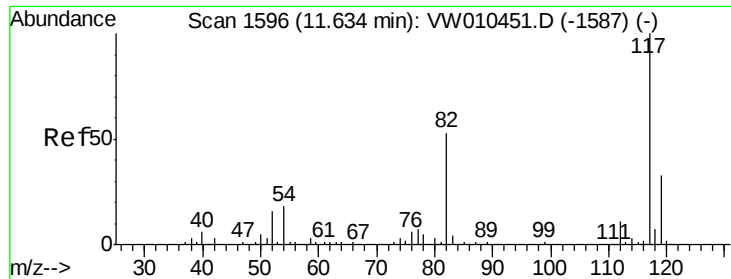
Ion Ratio Lower Upper

95 100

174 70.8 0.0 148.6

176 66.5 0.0 144.2

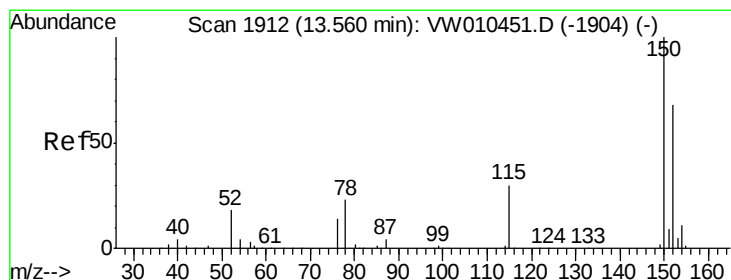
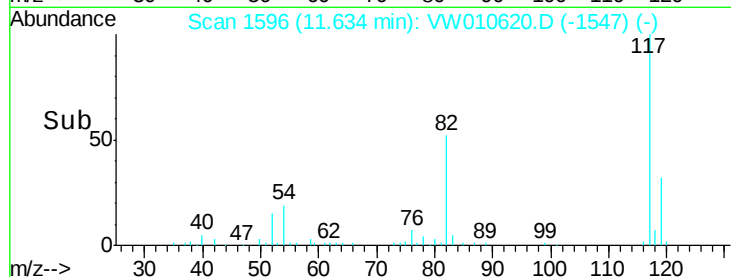
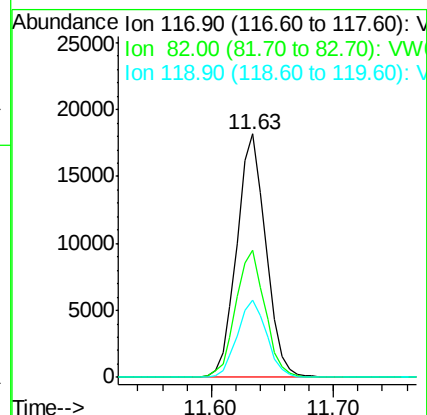
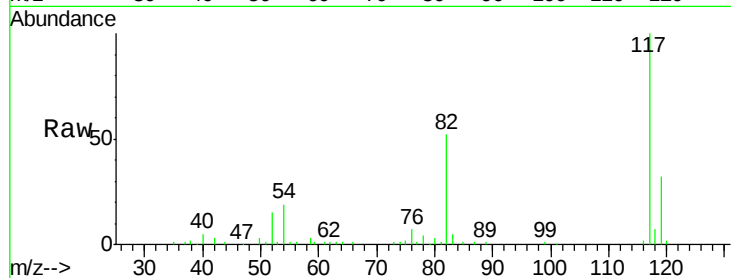




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010620.D
Acq: 30 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
0429-HR-9(HACKENSACK)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.8	64.2
119	31.8	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: VW010620.D
Acq: 30 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	30.3	91.0
150	157.2	0.0	349.8

