

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010625.D
 Acq On : 30 May 2019 20:06
 Operator : SY/VA
 Sample : K3097-14
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0434-HR-14(HACKENSACK)

Quant Time: May 31 08:52:26 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

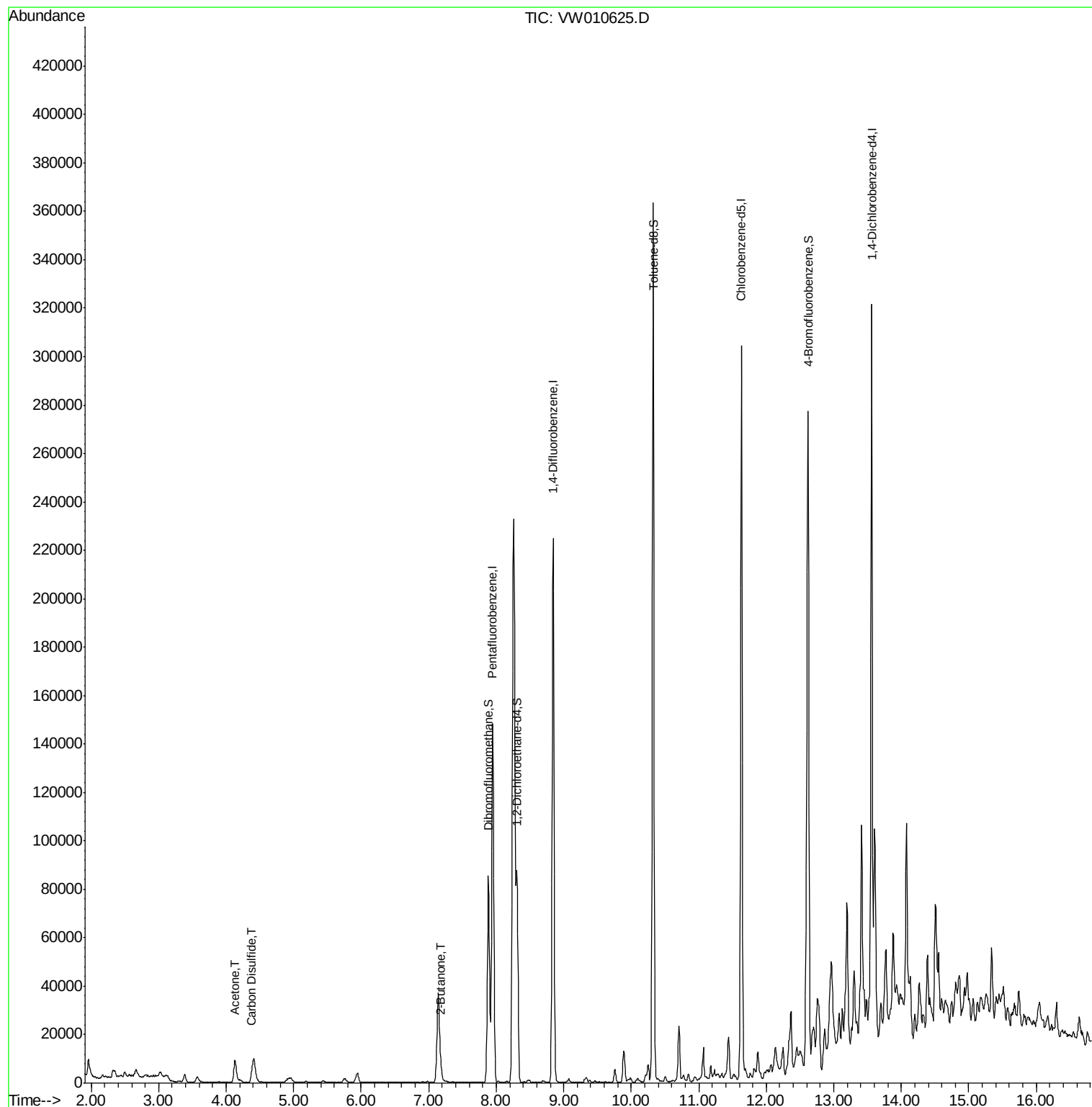
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	200632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67568	58.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.92%	
35) Dibromofluoromethane	7.88	113	61225	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.32	98	246885	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.62	95	89542	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
Target Compounds						
16) Acetone	4.13	43	16713	71.445	ug/l	94
17) Carbon Disulfide	4.37	76	5320	1.521	ug/l	98
25) 2-Butanone	7.18	43	7070	21.119	ug/l	94

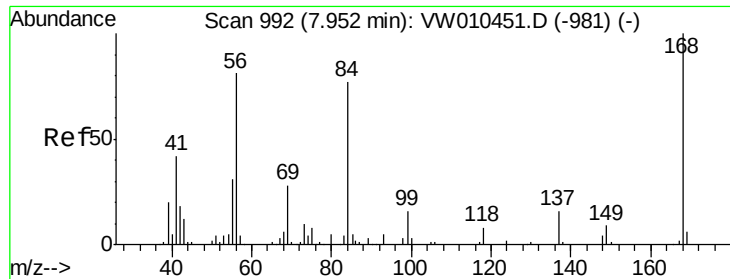
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW010625.D

Acq: 30 May 2019 20:06

Instrument :

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ClientSampleId :

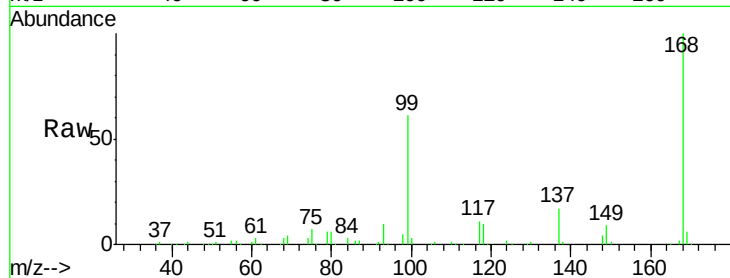
0434-HR-14(HACKENSACK)

Tot Ion:168 Resp: 111030

Ion Ratio Lower Upper

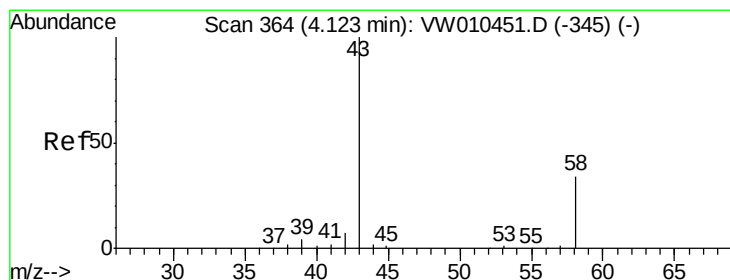
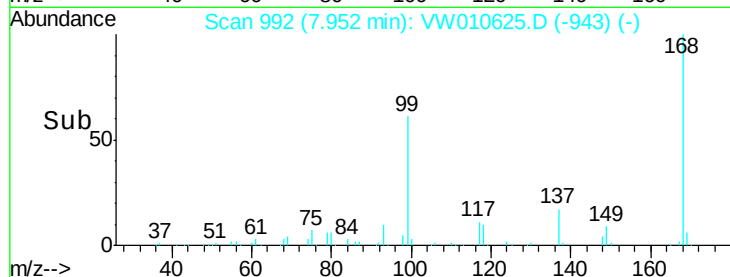
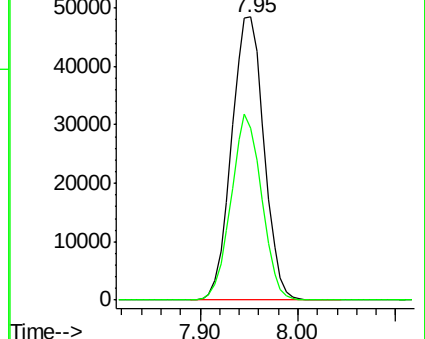
168 100

99 60.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 71.445 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010625.D

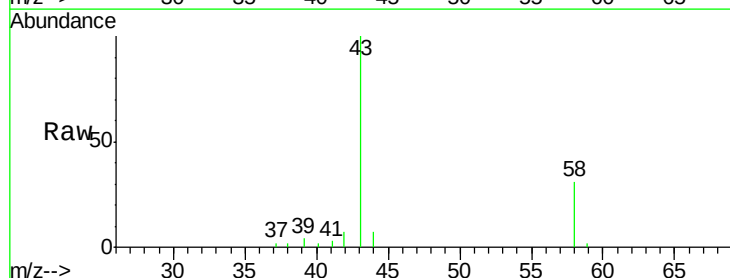
Acq: 30 May 2019 20:06

Tgt Ion: 43 Resp: 16713

Ion Ratio Lower Upper

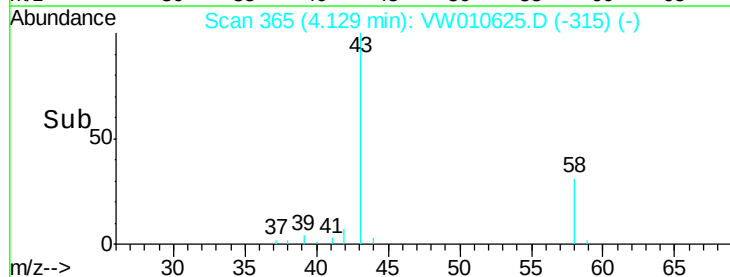
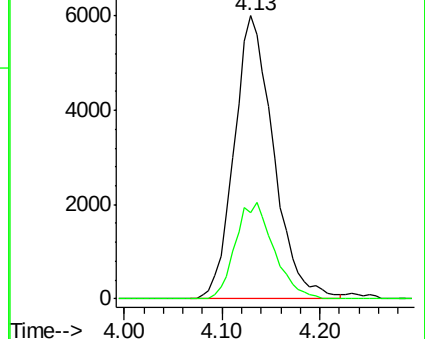
43 100

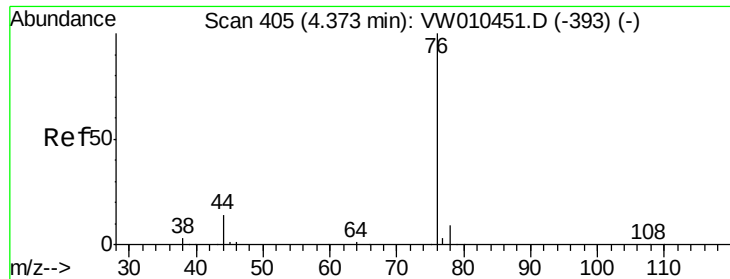
58 30.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

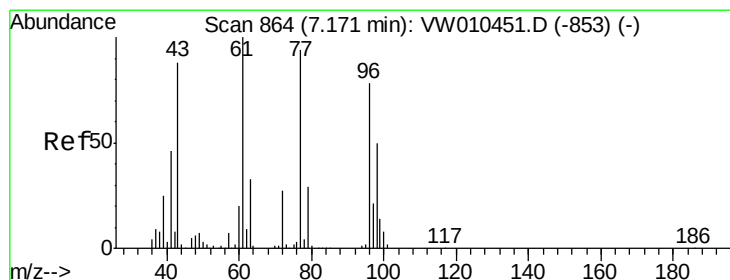
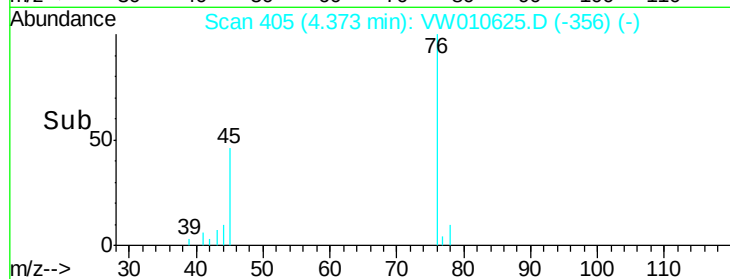
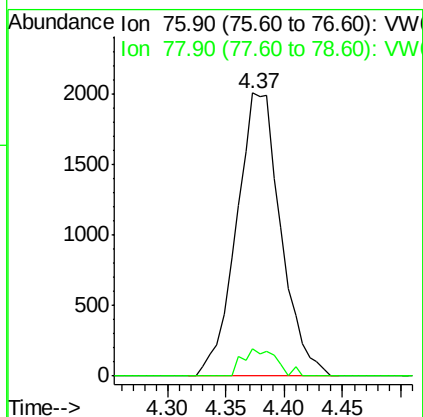
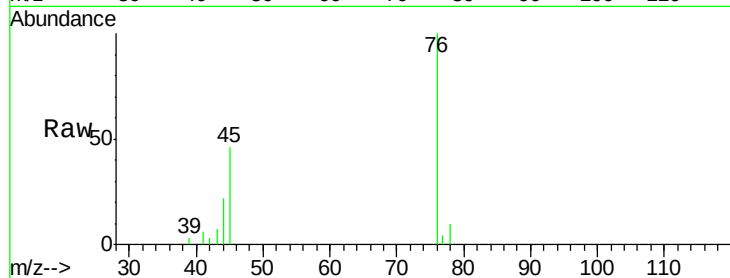




#17
Carbon Disulfide
Concen: 1.521 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010625.D
Acq: 30 May 2019 20:06

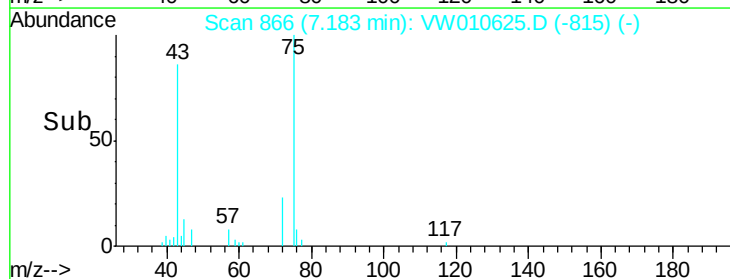
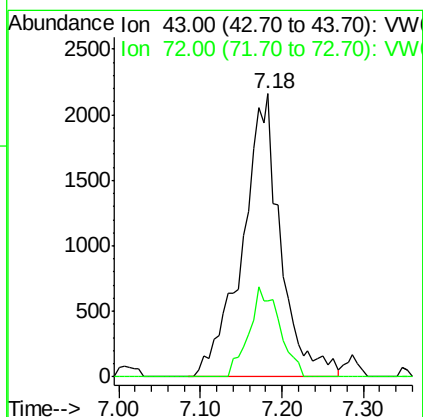
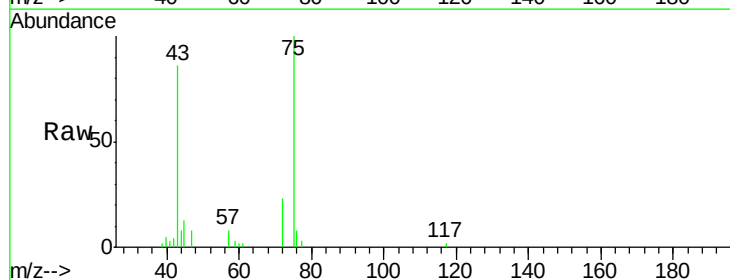
Instrument :
MSVOA_W
ClientSampleId :
0434-HR-14(HACKENSACK)

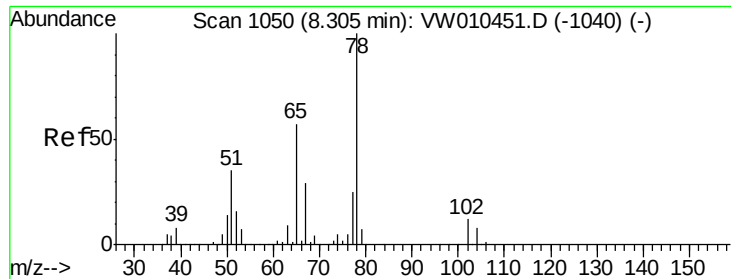
Tot Ion: 76 Resp: 5320
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#25
2-Butanone
Concen: 21.119 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW010625.D
Acq: 30 May 2019 20:06

Tgt Ion: 43 Resp: 7070
Ion Ratio Lower Upper
43 100
72 26.9 24.1 36.1

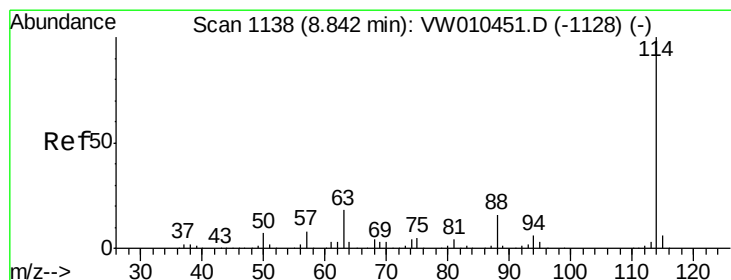
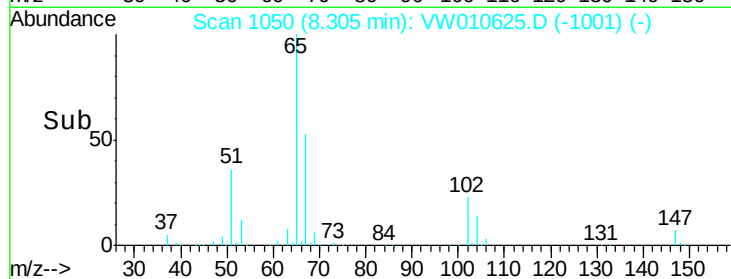
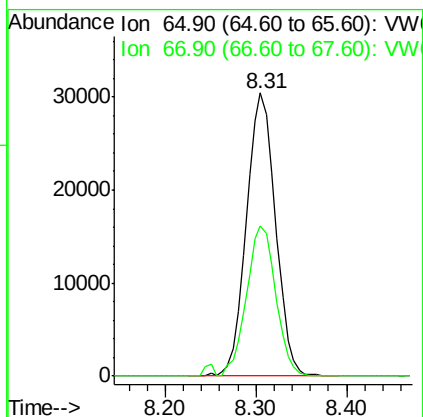
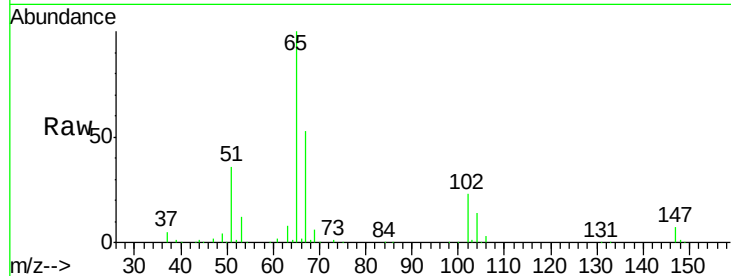




#33
 1,2-Dichloroethane-d4
 Concen: 58.959 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010625.D
 Acq: 30 May 2019 20:06

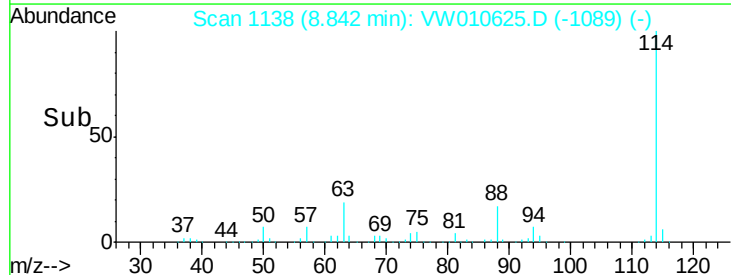
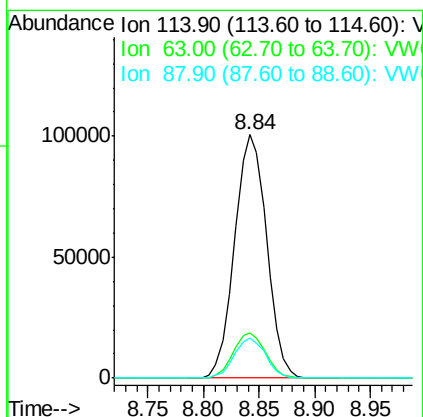
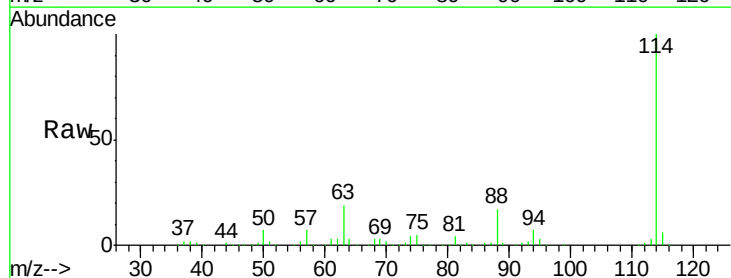
Instrument :
 MSVOA_W
 ClientSampleId :
 0434-HR-14(HACKENSACK)

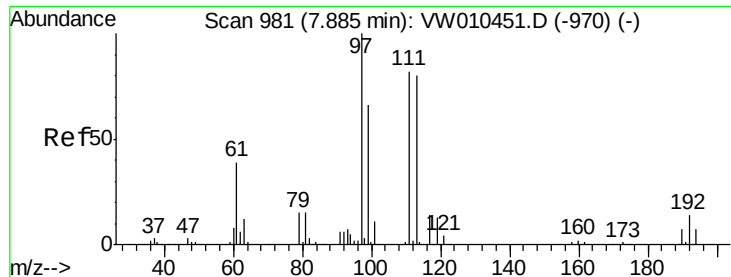
Tot Ion: 65 Resp: 67568
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010625.D
 Acq: 30 May 2019 20:06

Tgt Ion: 114 Resp: 200632
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 16.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.292 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010625.D

Acq: 30 May 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

0434-HR-14(HACKENSACK)

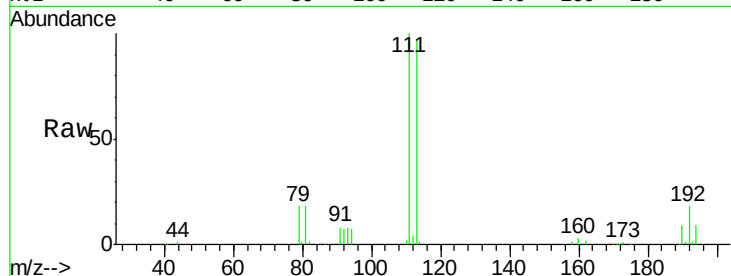
Tot Ion:113 Resp: 61225

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

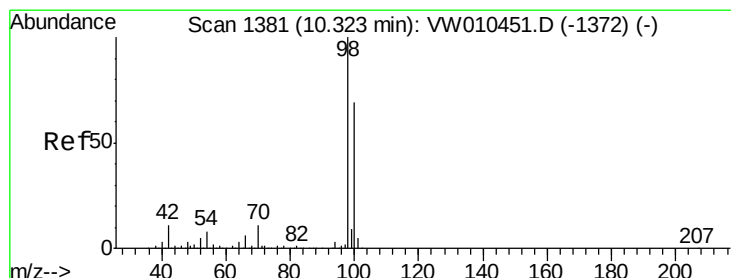
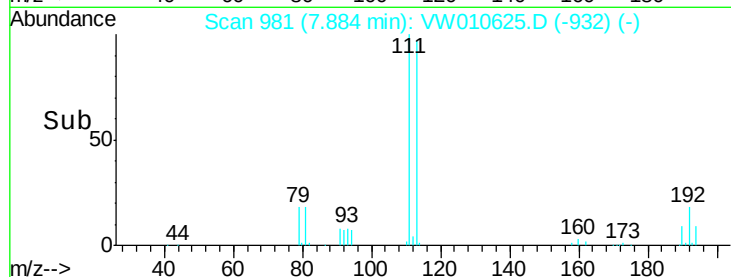
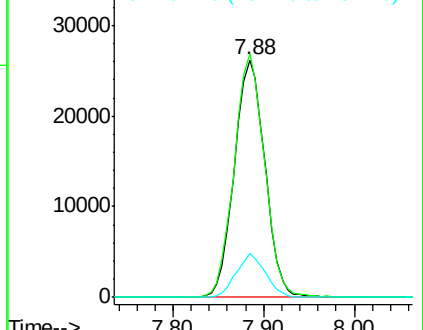
192 17.5 14.3 21.5



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: 53.085 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010625.D

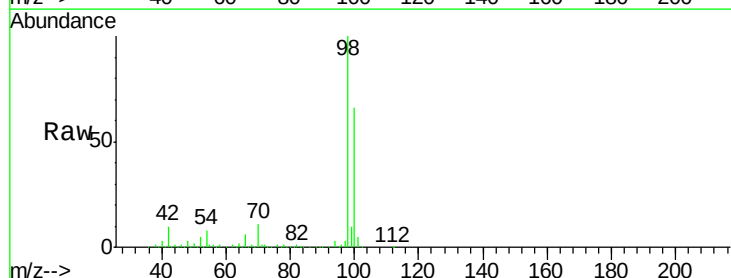
Acq: 30 May 2019 20:06

Tgt Ion: 98 Resp: 246885

Ion Ratio Lower Upper

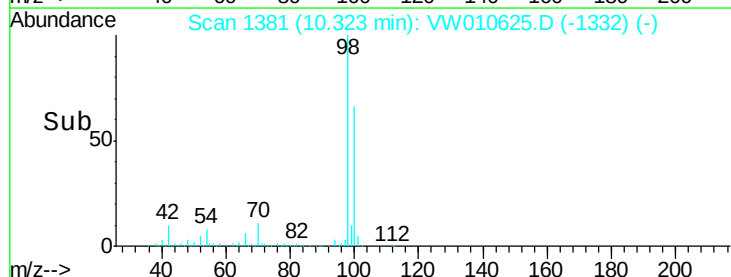
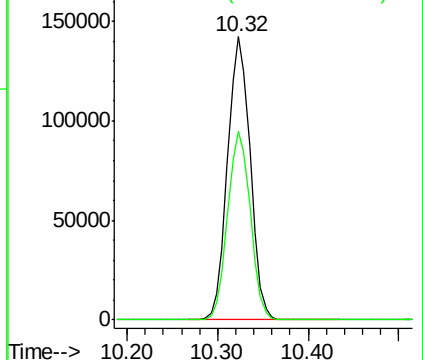
98 100

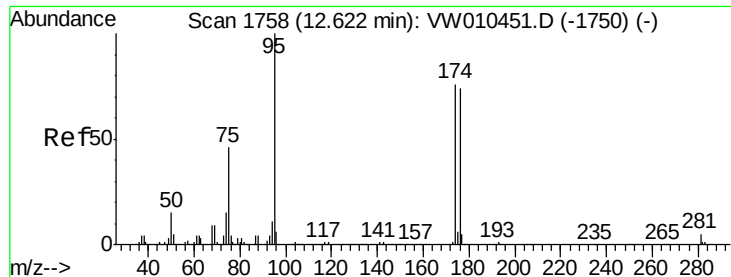
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.337 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010625.D

Acq: 30 May 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

0434-HR-14(HACKENSACK)

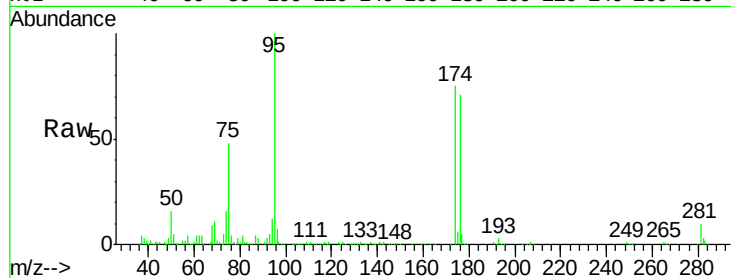
Tot Ion: 95 Resp: 89542

Ion Ratio Lower Upper

95 100

174 72.0 0.0 148.6

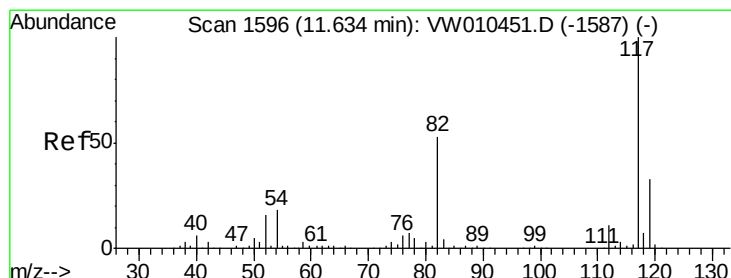
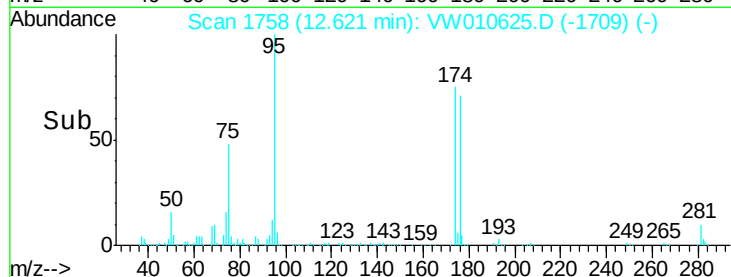
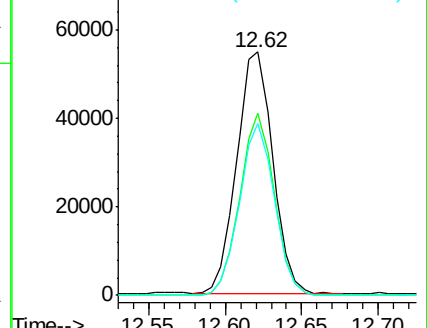
176 68.9 0.0 144.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010625.D

Acq: 30 May 2019 20:06

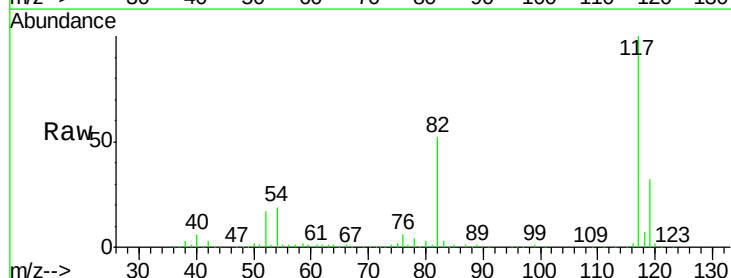
Tgt Ion: 117 Resp: 177753

Ion Ratio Lower Upper

117 100

82 52.0 42.8 64.2

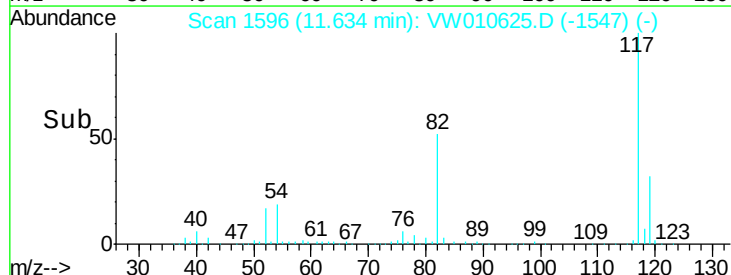
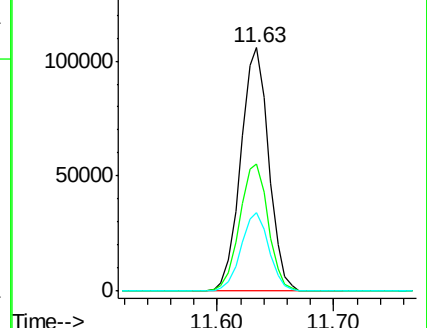
119 32.1 26.3 39.5

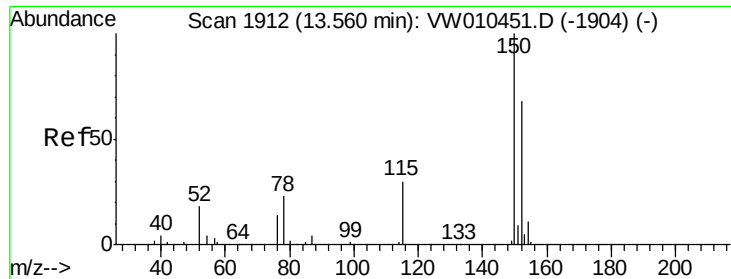


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010625.D

Acq: 30 May 2019 20:06

Instrument :

MSVOA_W

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0434-HR-14(HACKENSACK)

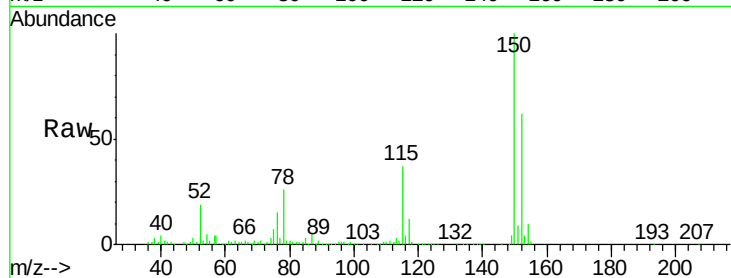
Tot Ion:152 Resp: 76980

Ion Ratio Lower Upper

152 100

115 61.7 30.3 91.0

150 157.2 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

