

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010612.D
 Acq On : 30 May 2019 14:03
 Operator : SY/VA
 Sample : K3097-01
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0421-HR-1(HACKENSACK)

Quant Time: May 31 07:44:02 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	104027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	187019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68911	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	57136	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
35) Dibromofluoromethane	7.88	113	55960	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
50) Toluene-d8	10.32	98	228381	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.62	95	80977	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	

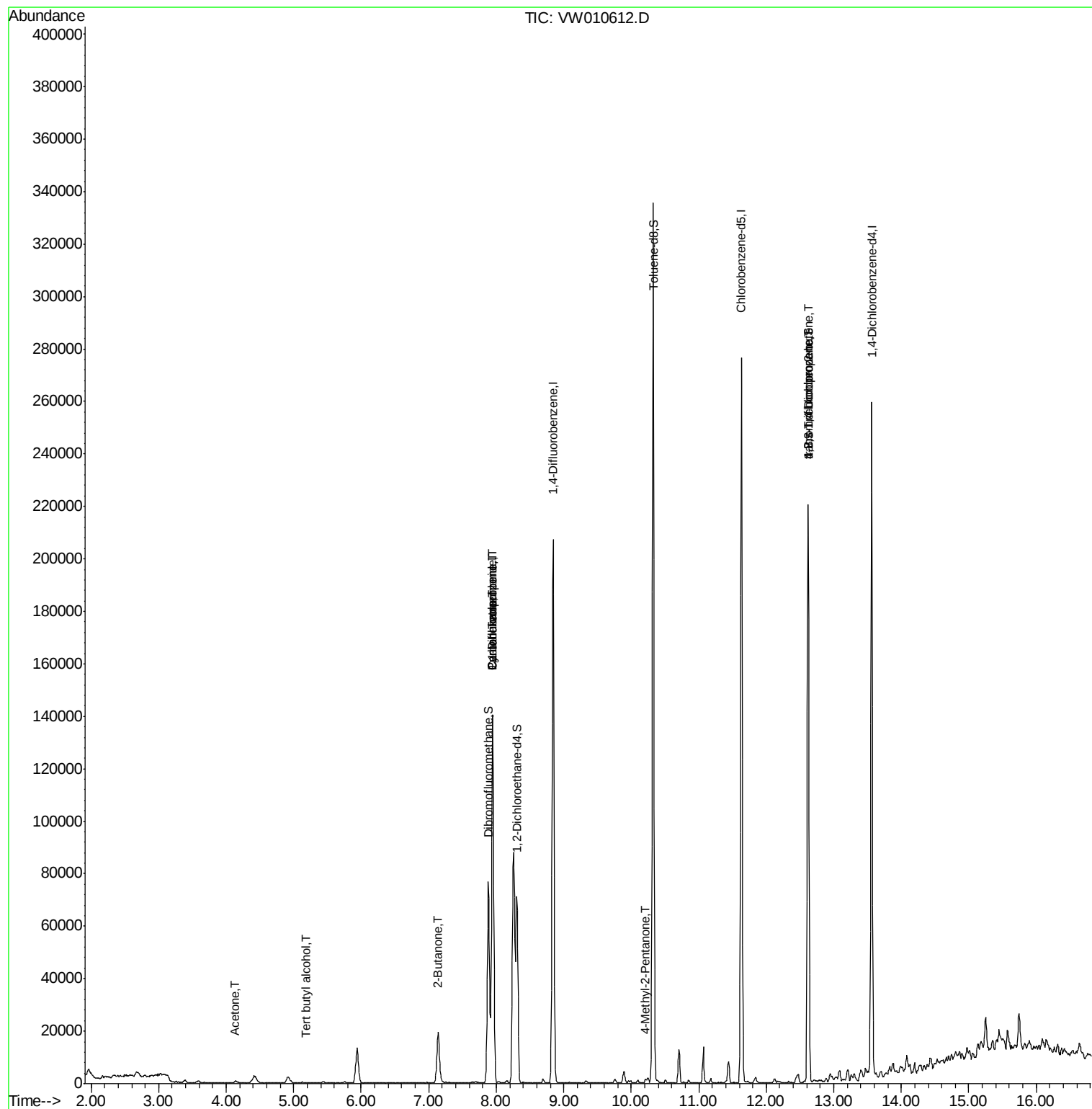
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	248	2.568	ug/l #	71
16) Acetone	4.14	43	1583	7.223	ug/l	94
20) Methylene Chloride	4.92	84	1855	Below Cal		90
25) 2-Butanone	7.14	43	996	3.175	ug/l #	86
31) Cyclohexane	7.95	56	2255	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7843	4.502	ug/l #	48
38) Carbon Tetrachloride	7.95	117	10989	5.847	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	1484	1.979	ug/l #	82
76) 1,2,3-Trichloropropane	12.62	75	37974	54.288	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	37974	113.301	ug/l #	14

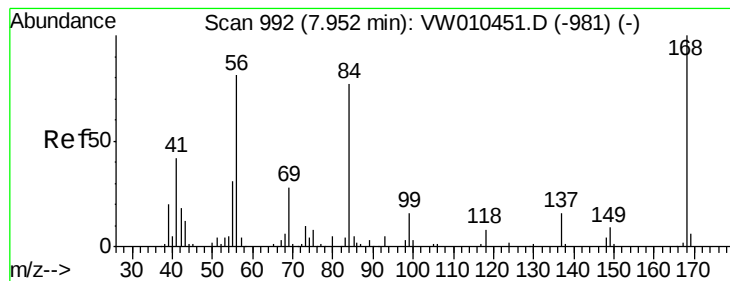
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010612.D

Acq: 30 May 2019 14:03

Instrument :

MSVOA_W

ClientSampleId :

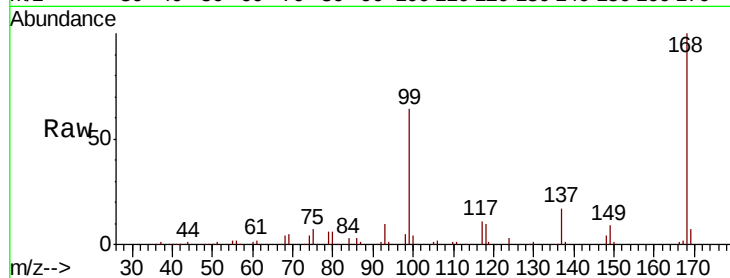
0421-HR-1(HACKENSACK)

Tot Ion:168 Resp: 104027

Ion Ratio Lower Upper

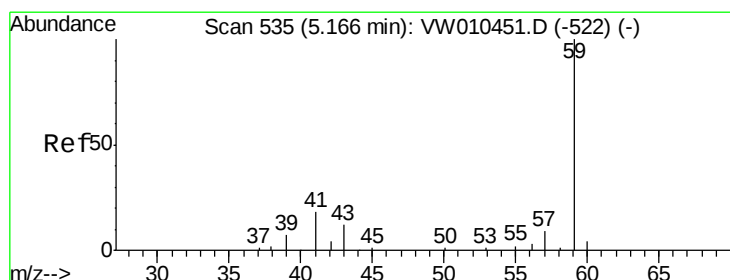
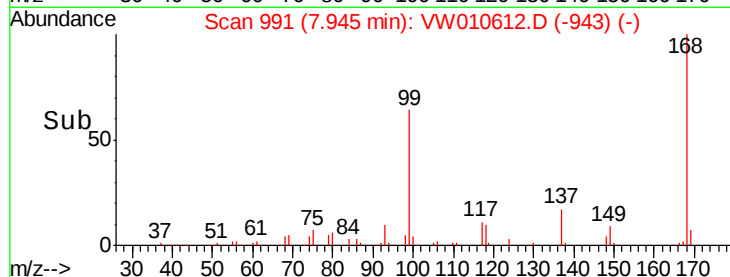
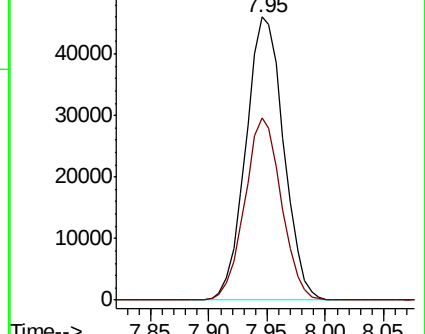
168 100

99 64.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.568 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW010612.D

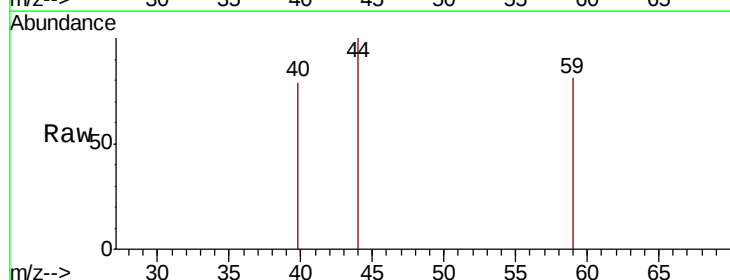
Acq: 30 May 2019 14:03

Tgt Ion: 59 Resp: 248

Ion Ratio Lower Upper

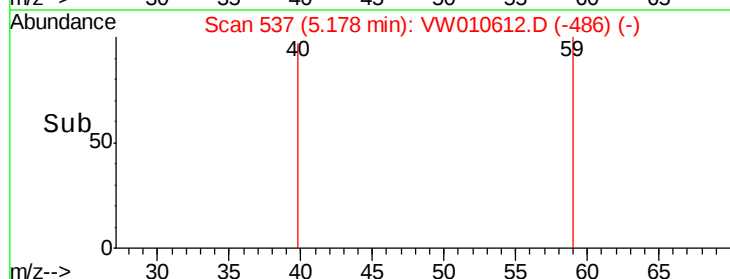
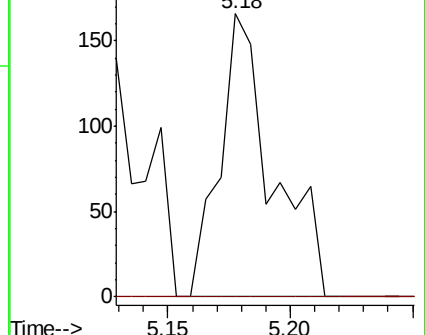
59 100

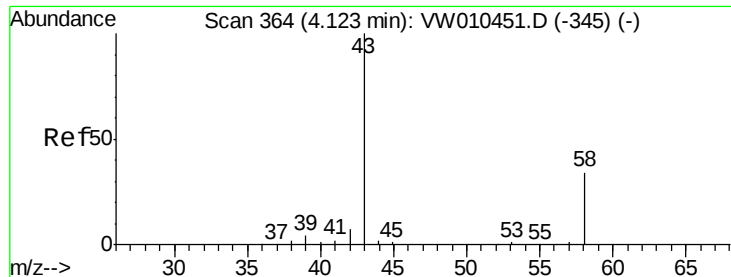
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 7.223 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010612.D

Acq: 30 May 2019 14:03

Instrument :

MSVOA_W

ClientSampleId :

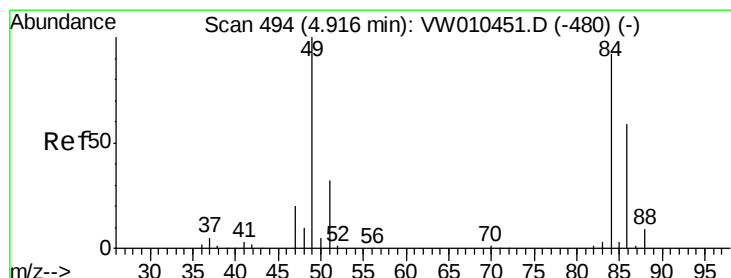
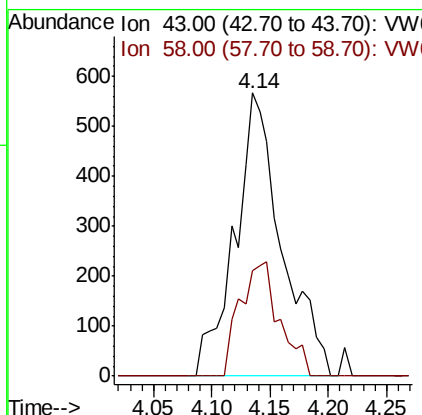
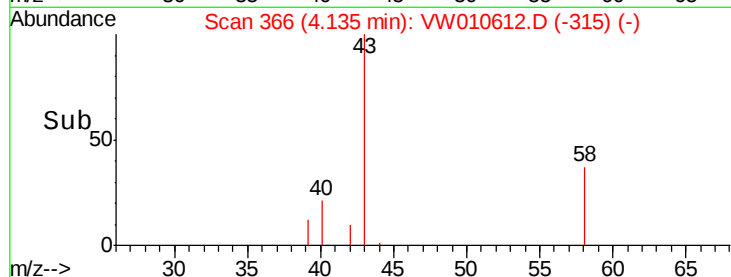
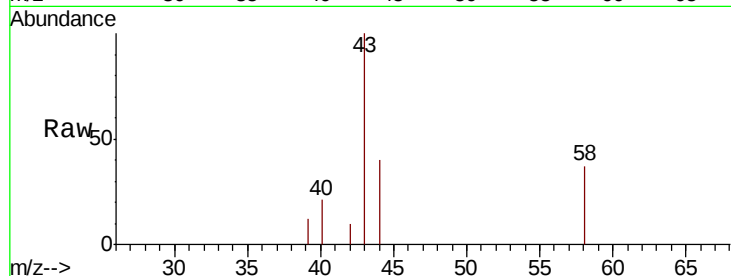
0421-HR-1(HACKENSACK)

Tot Ion: 43 Resp: 1583

Ion Ratio Lower Upper

43 100

58 37.0 27.0 40.4



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010612.D

Acq: 30 May 2019 14:03

Tgt Ion: 84 Resp: 1855

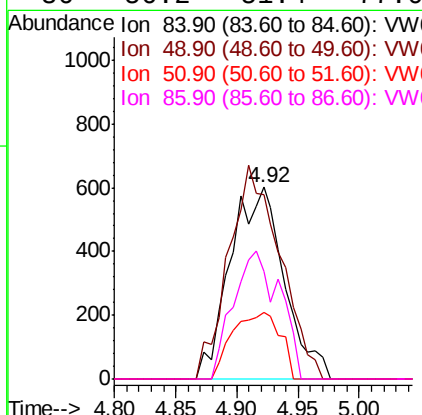
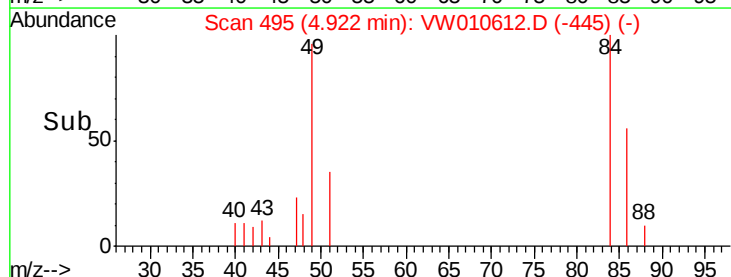
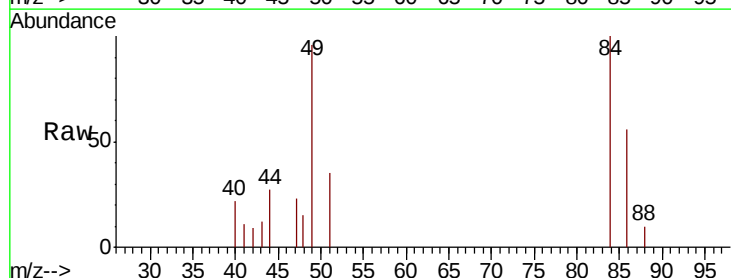
Ion Ratio Lower Upper

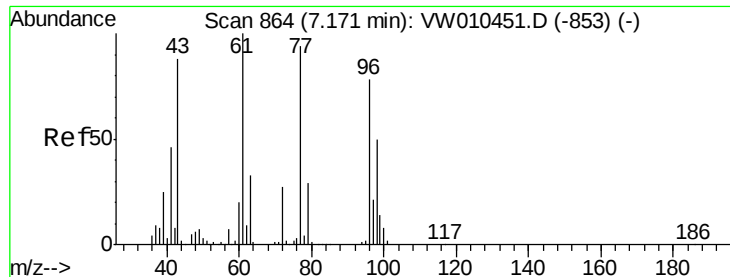
84 100

49 96.2 87.2 130.8

51 34.6 27.7 41.5

86 56.2 51.4 77.0





#25

2-Butanone

Concen: 3.175 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW010612.D

Acq: 30 May 2019 14:03

Instrument :

MSVOA_W

ClientSampleId :

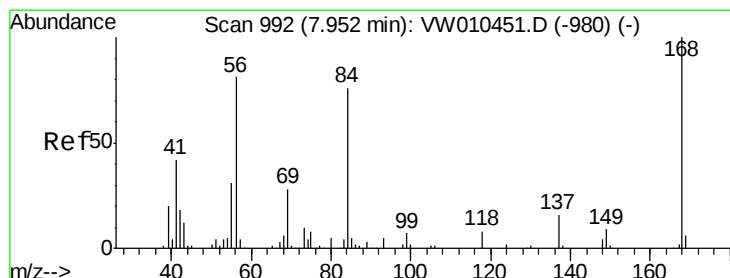
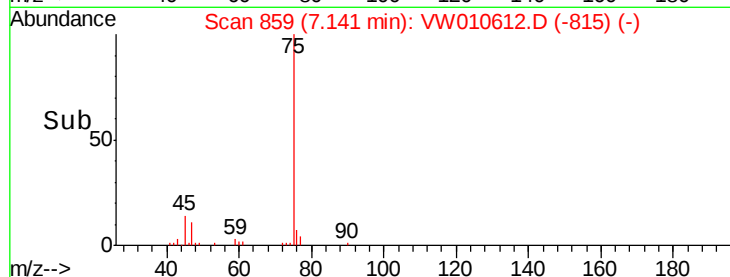
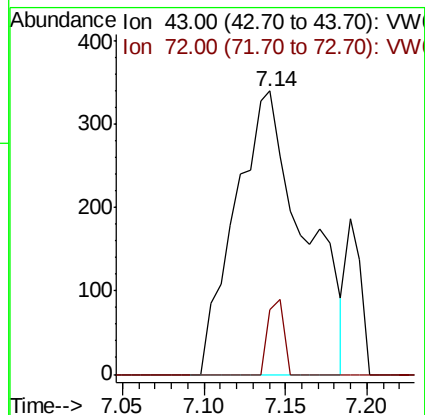
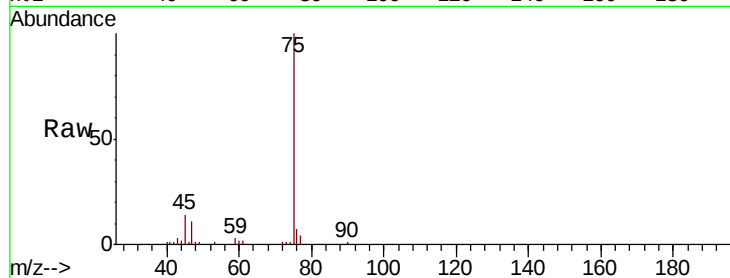
0421-HR-1(HACKENSACK)

Tot Ion: 43 Resp: 996

Ion Ratio Lower Upper

43 100

72 22.7 24.1 36.1#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010612.D

Acq: 30 May 2019 14:03

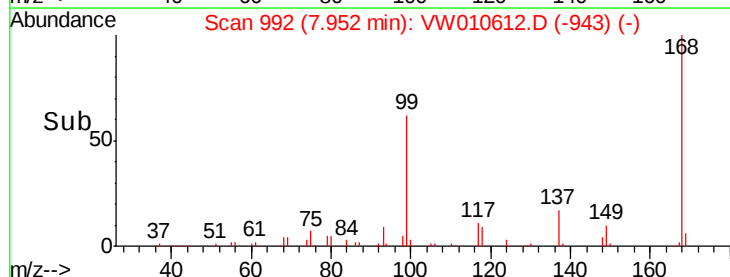
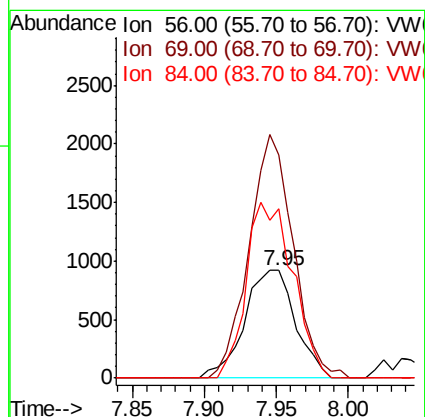
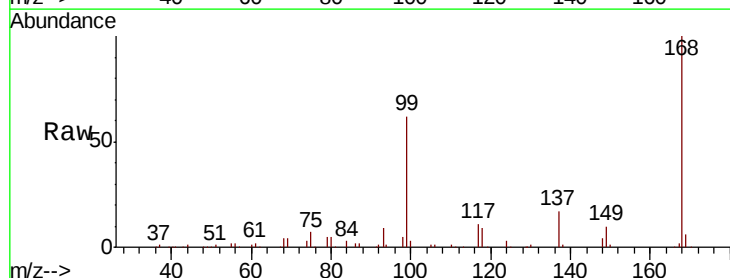
Tgt Ion: 56 Resp: 2255

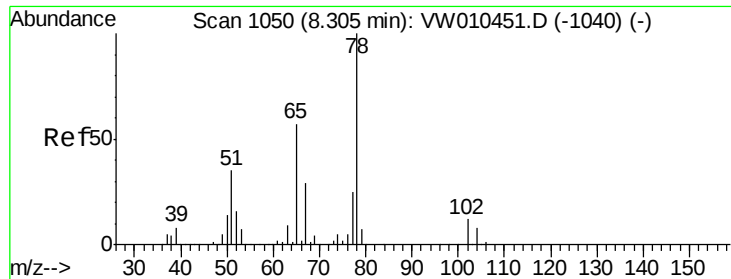
Ion Ratio Lower Upper

56 100

69 206.8 28.2 42.2#

84 157.3 75.8 113.8#





#33

1,2-Dichloroethane-d4

Concen: 53.212 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010612.D

Acq: 30 May 2019 14:03

Instrument :

MSVOA_W

ClientSampleId :

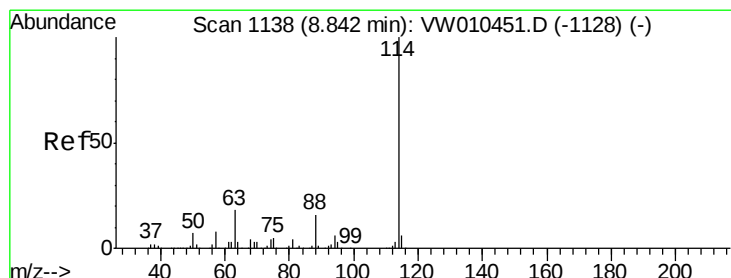
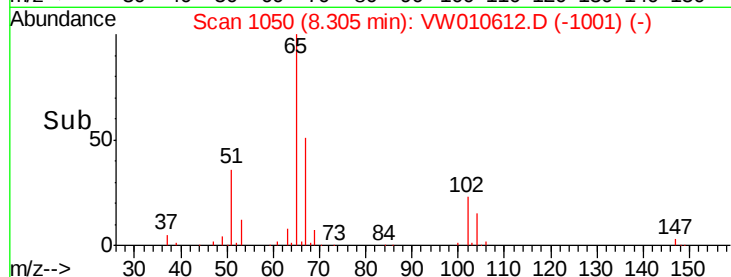
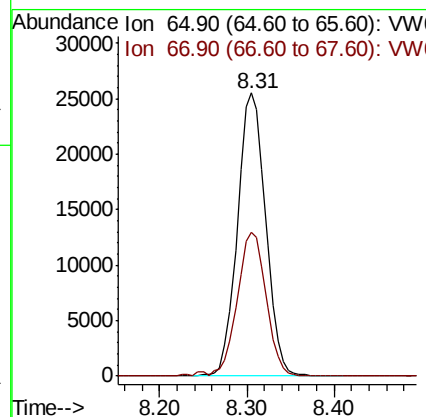
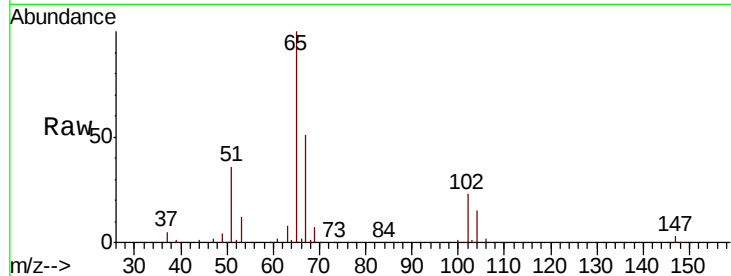
0421-HR-1(HACKENSACK)

Tot Ion: 65 Resp: 57136

Ion Ratio Lower Upper

65 100

67 52.0 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: VW010612.D

Acq: 30 May 2019 14:03

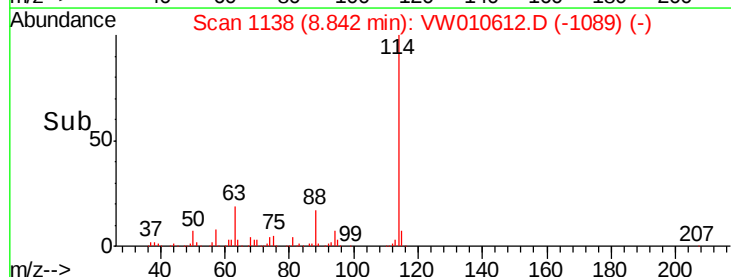
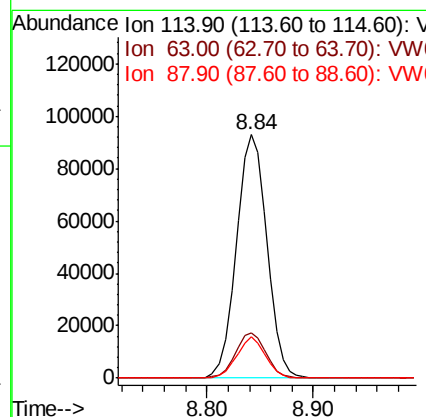
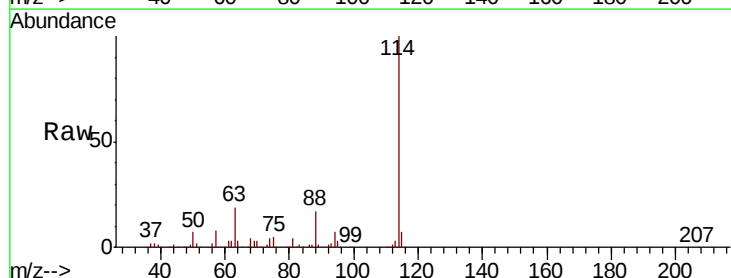
Tgt Ion: 114 Resp: 187019

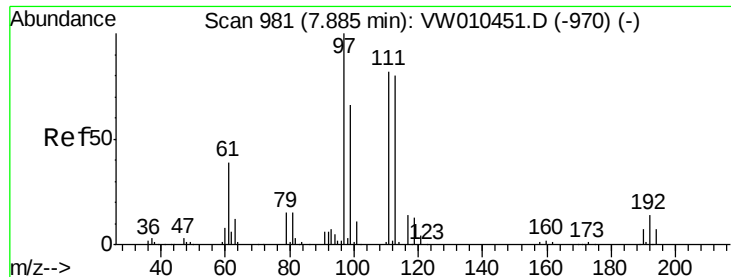
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.0

88 16.8 0.0 32.0

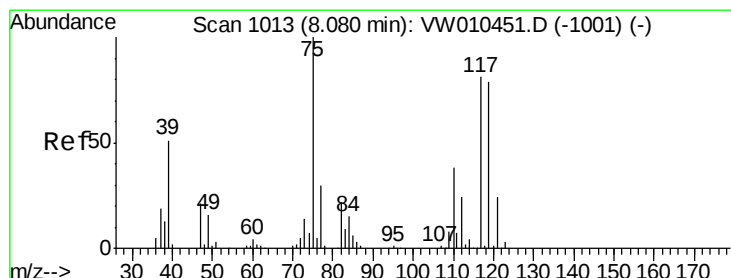
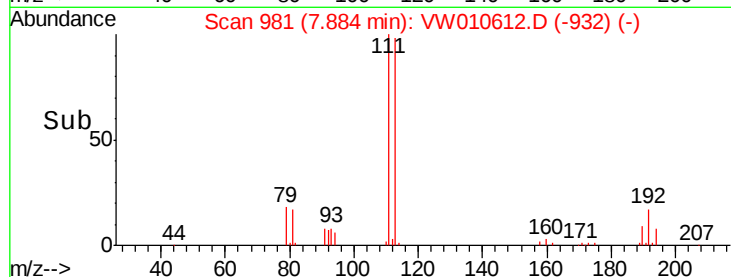
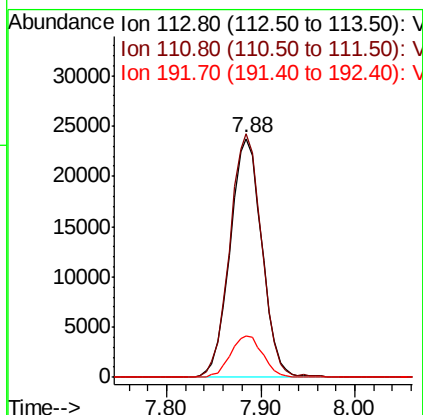
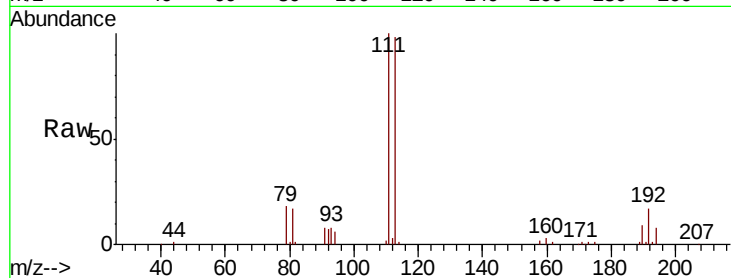




#35
 Dibromofluoromethane
 Concen: 49.313 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010612.D
 Acq: 30 May 2019 14:03

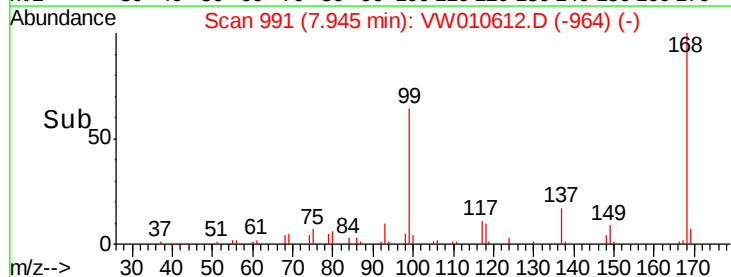
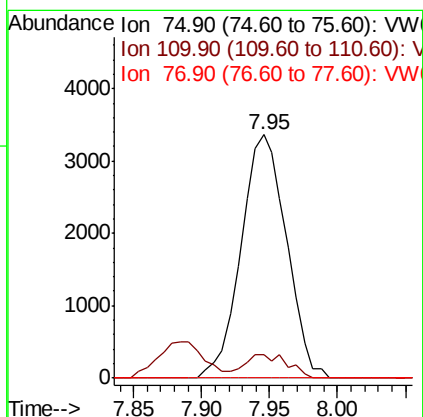
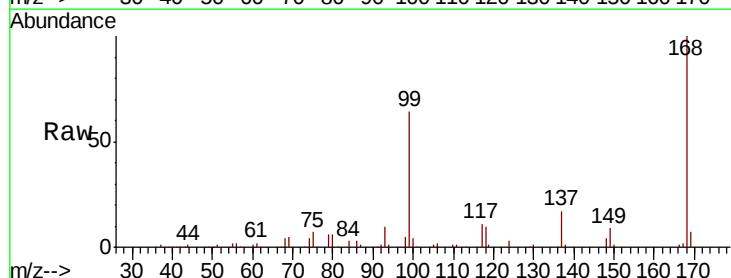
Instrument :
 MSVOA_W
 ClientSampleId :
 0421-HR-1(HACKENSACK)

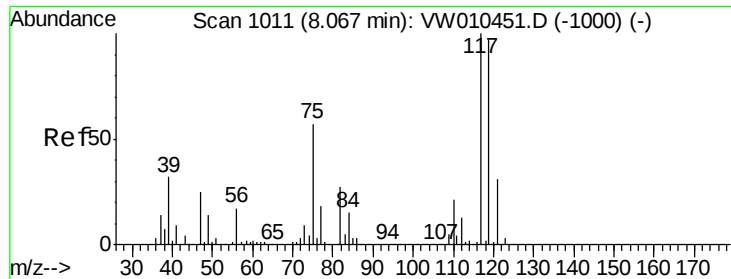
Tot Ion:113 Resp: 55960
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 17.5 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.502 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010612.D
 Acq: 30 May 2019 14:03

Tgt Ion: 75 Resp: 7843
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.2 57.6#
 77 0.0 25.2 37.8#

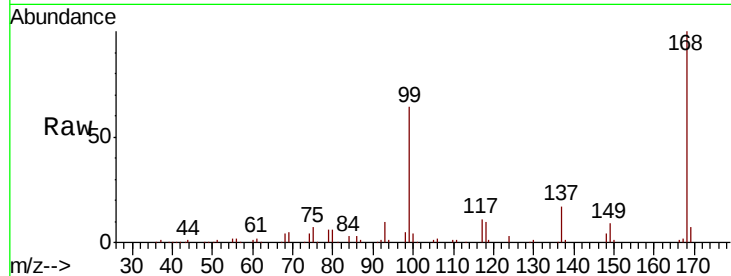




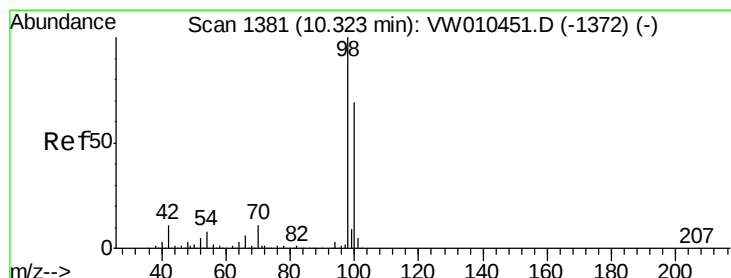
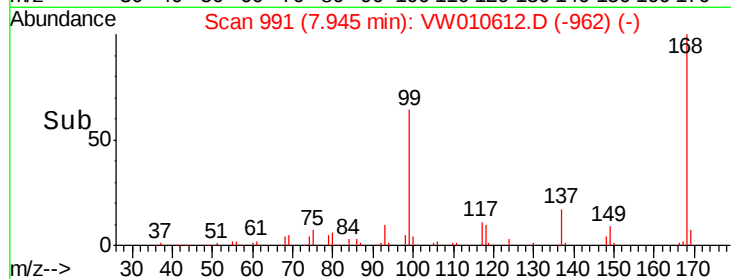
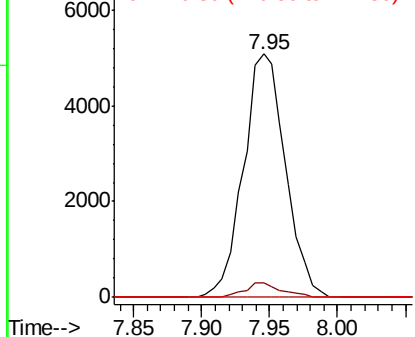
#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010612.D
Acq: 30 May 2019 14:03

Instrument :
MSVOA_W
ClientSampleId :
0421-HR-1(HACKENSACK)

Tot Ion:117 Resp: 10989
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.0#
121 0.0 25.0 37.6#

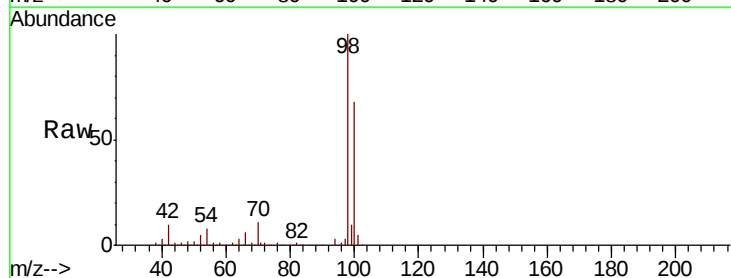


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

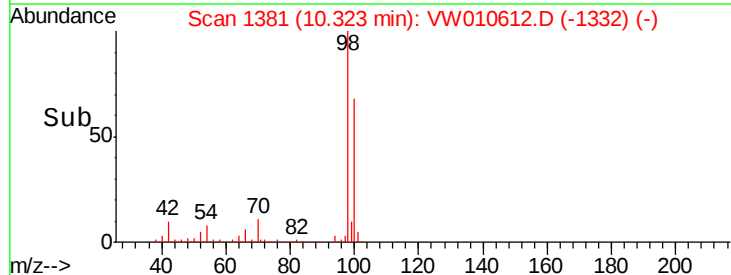
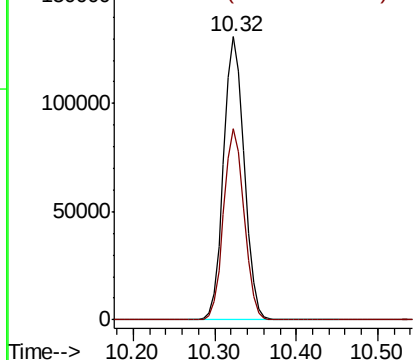


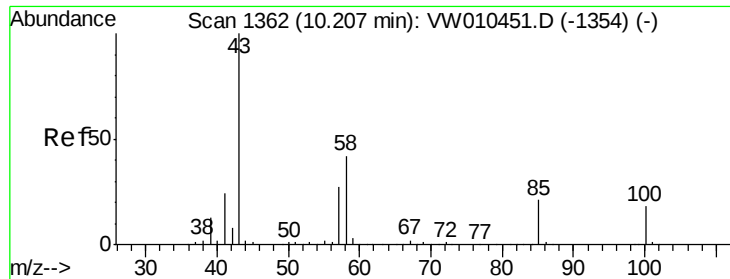
#50
Toluene-d8
Concen: 52.681 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010612.D
Acq: 30 May 2019 14:03

Tgt Ion: 98 Resp: 228381
Ion Ratio Lower Upper
98 100
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

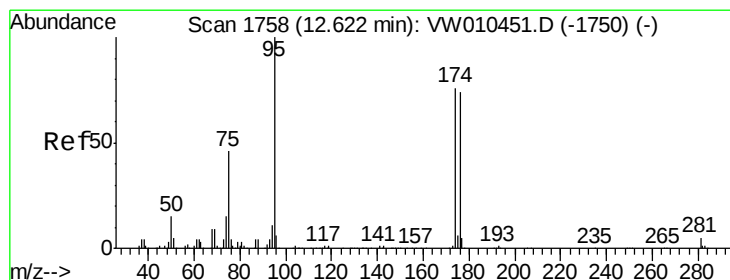
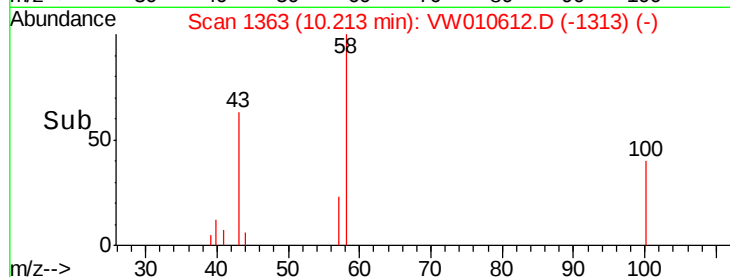
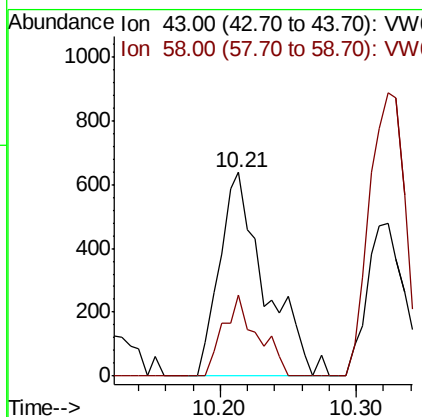
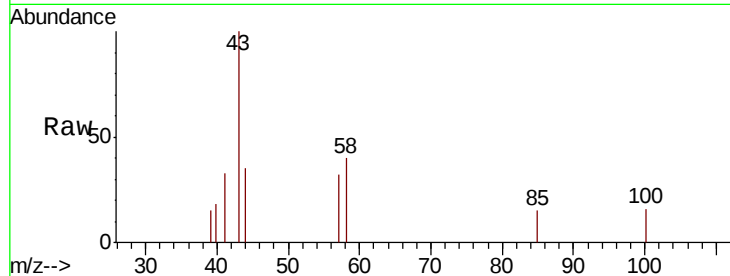




#51
4-Methyl-2-Pentanone
Concen: 1.979 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010612.D
Acq: 30 May 2019 14:03

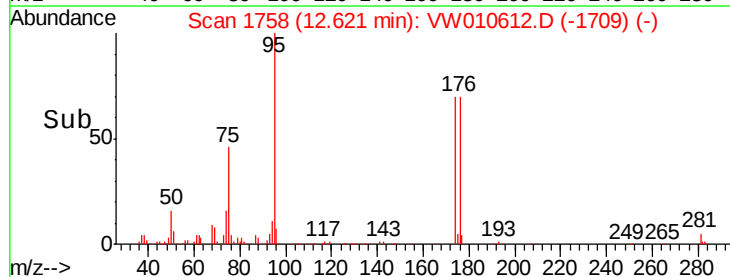
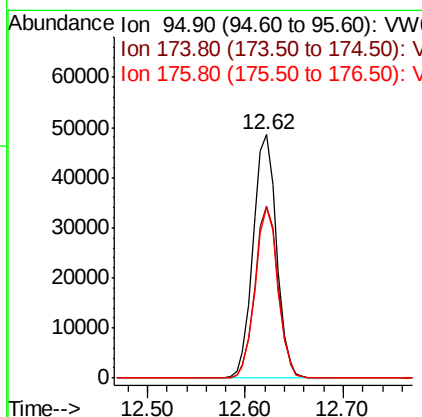
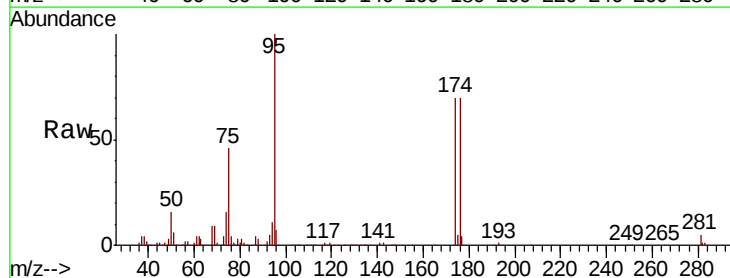
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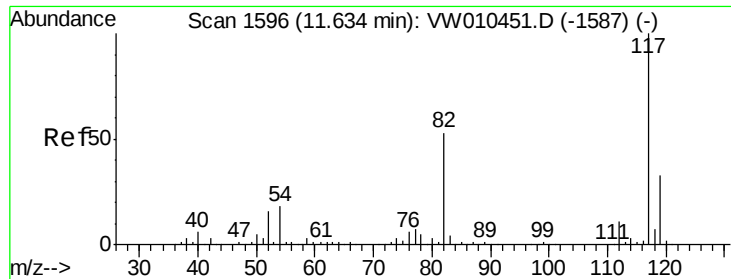
Tot Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
58 30.1 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 46.895 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010612.D
Acq: 30 May 2019 14:03

Tgt Ion: 95 Resp: 80977
Ion Ratio Lower Upper
95 100
174 69.7 0.0 148.6
176 67.5 0.0 144.2

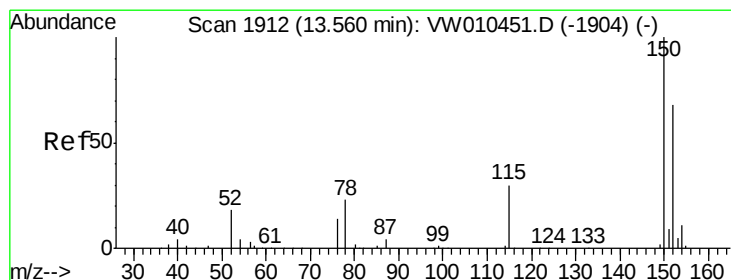
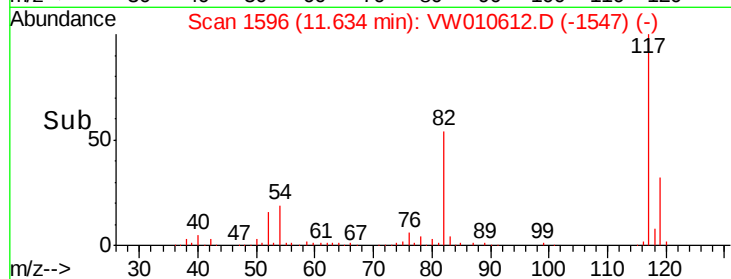
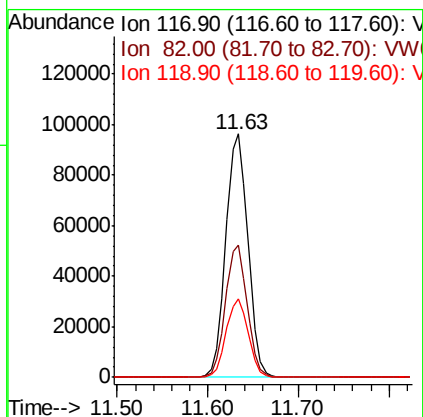
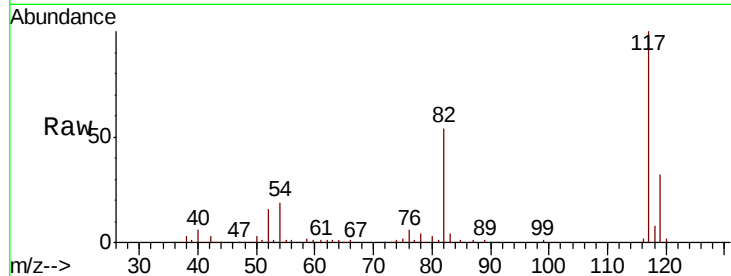




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010612.D
Acq: 30 May 2019 14:03

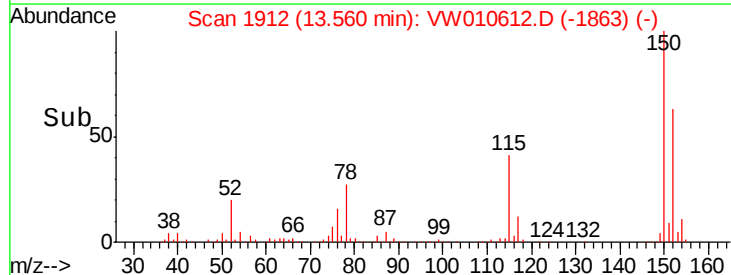
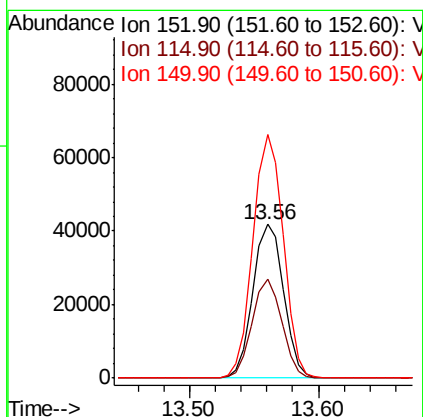
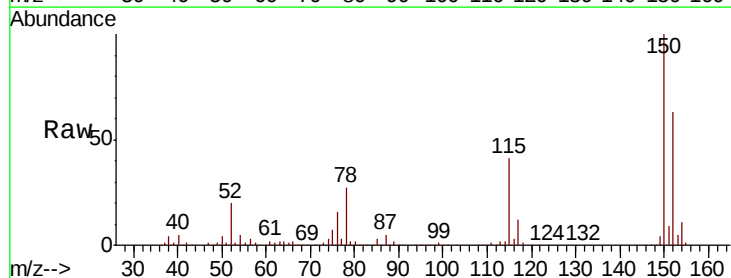
Instrument :
MSVOA_W
ClientSampleId :
0421-HR-1(HACKENSACK)

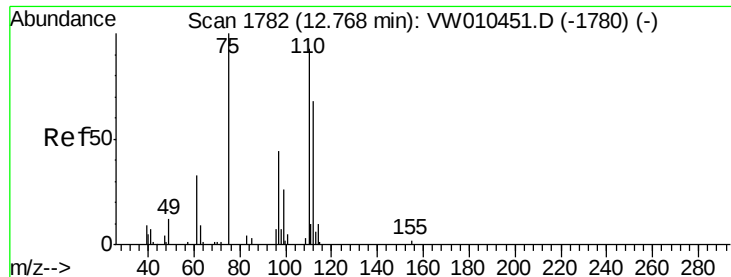
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.8	64.2
119	32.3	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010612.D
Acq: 30 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.3	91.0
150	155.9	0.0	349.8





#76

1,2,3-Trichloropropane

Concen: 54.288 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010612.D

Acq: 30 May 2019 14:03

Instrument :

MSVOA_W

ClientSampleId :

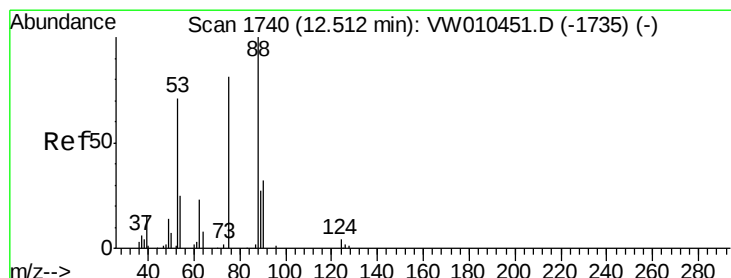
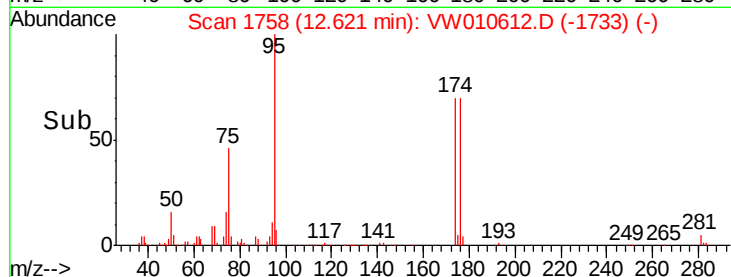
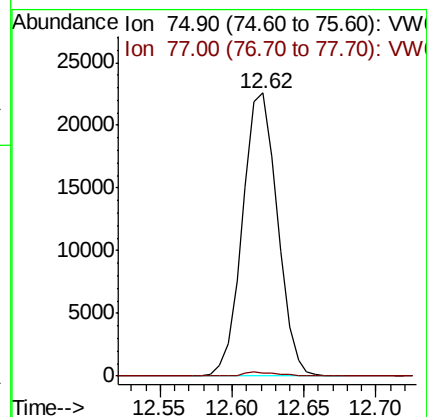
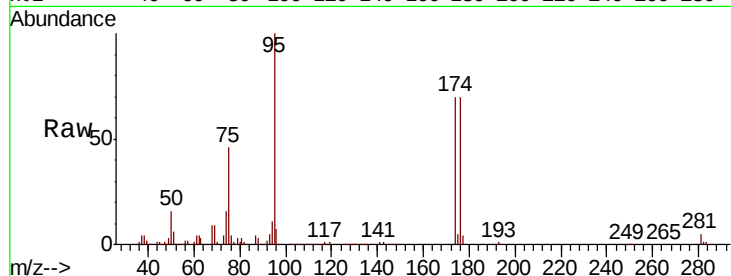
0421-HR-1(HACKENSACK)

Tot Ion: 75 Resp: 37974

Ion Ratio Lower Upper

75 100

77 1.4 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.301 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010612.D

Acq: 30 May 2019 14:03

Tgt Ion: 75 Resp: 37974

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

