

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010623.D
 Acq On : 30 May 2019 19:11
 Operator : SY/VA
 Sample : K3097-12
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0432-HR-12(HACKENSACK)

Quant Time: May 31 07:46:07 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	10247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	16970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3547	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	5703	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
35) Dibromofluoromethane	7.88	113	5168	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
50) Toluene-d8	10.32	98	19745	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	5596	35.71	ug/l	0.00
Spiked Amount			Recovery	=	71.42%	

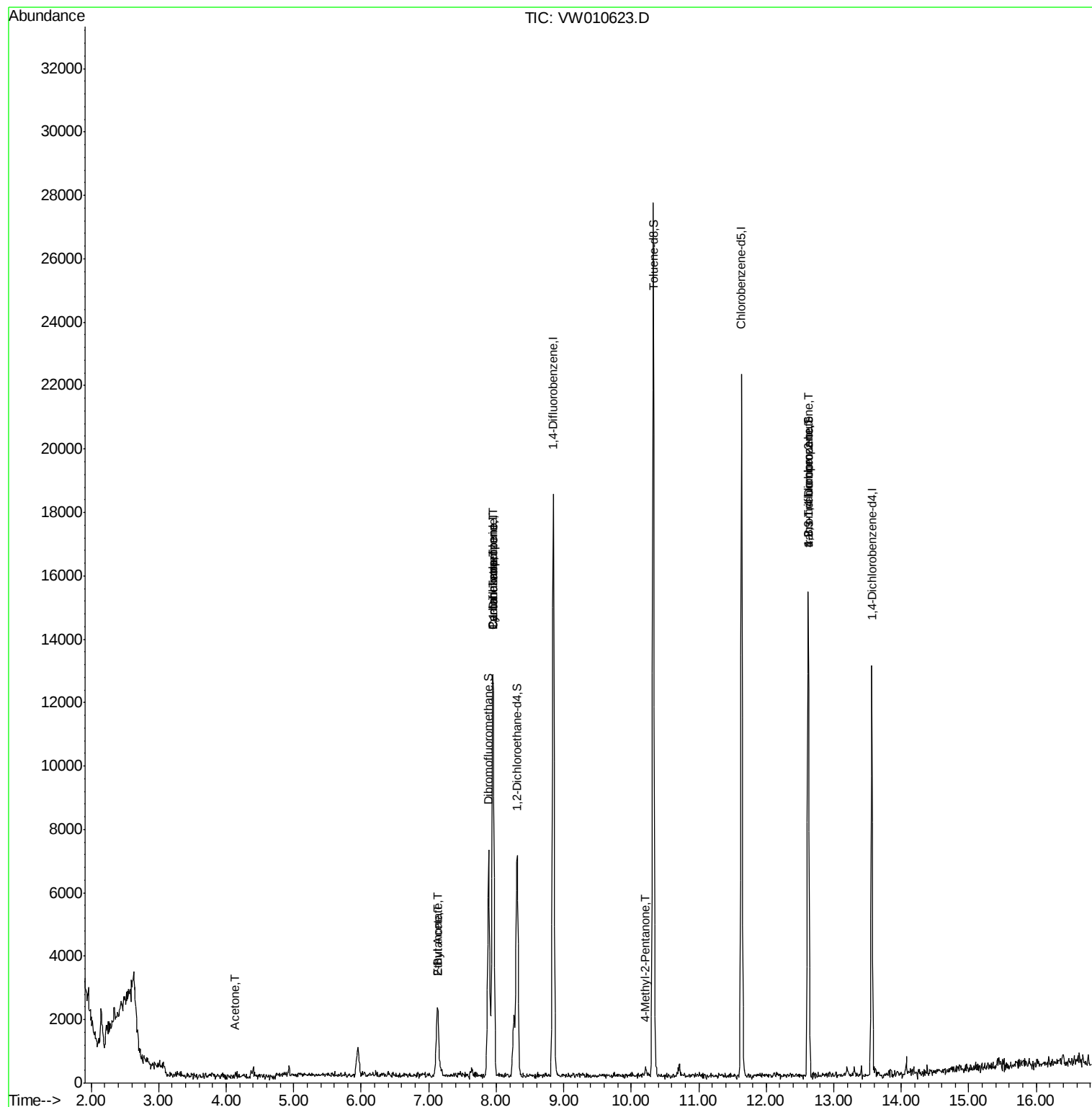
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	140	6.485	ug/l #	41
20) Methylene Chloride	4.93	84	143	Below Cal	#	37
25) 2-Butanone	7.15	43	79	2.557	ug/l #	45
31) Cyclohexane	7.95	56	208	1.036	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	841	5.320	ug/l #	40
37) Ethyl Acetate	7.15	43	79	1.175	ug/l #	67
38) Carbon Tetrachloride	7.95	117	1049	6.151	ug/l #	12
51) 4-Methyl-2-Pentanone	10.21	43	261	3.835	ug/l #	61
76) 1,2,3-Trichloropropane	12.62	75	2450	68.047	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	2450	142.017	ug/l #	14

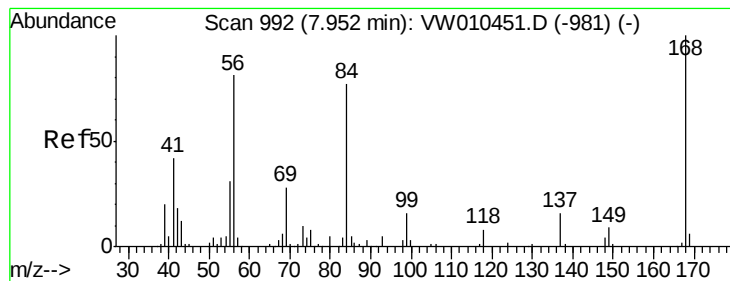
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\
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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# 992

Delta R.T. -0.00 min

Lab File: VW010623.D

Acq: 30 May 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

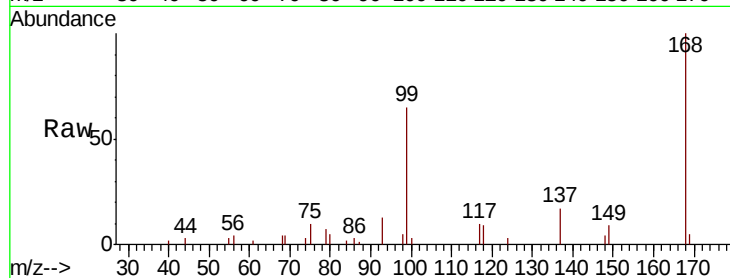
0432-HR-12(HACKENSACK)

Tot Ion:168 Resp: 10247

Ion Ratio Lower Upper

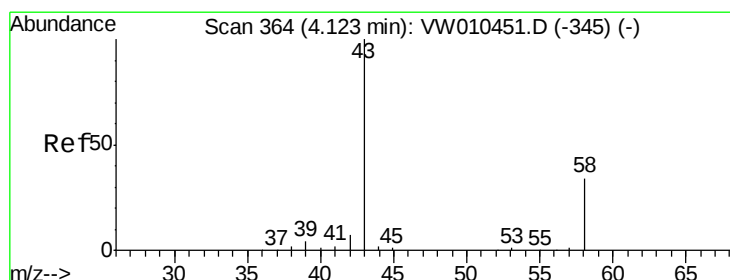
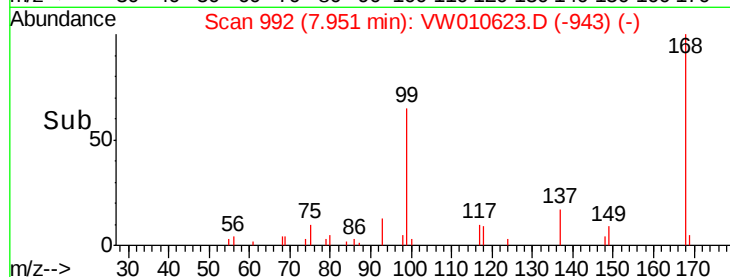
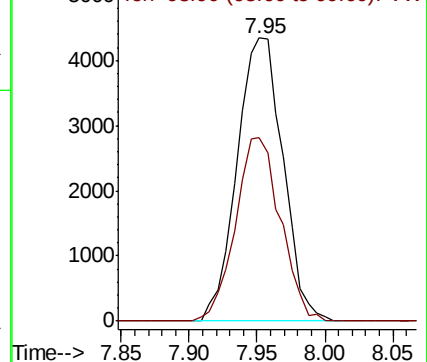
168 100

99 64.9 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: 6.485 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010623.D

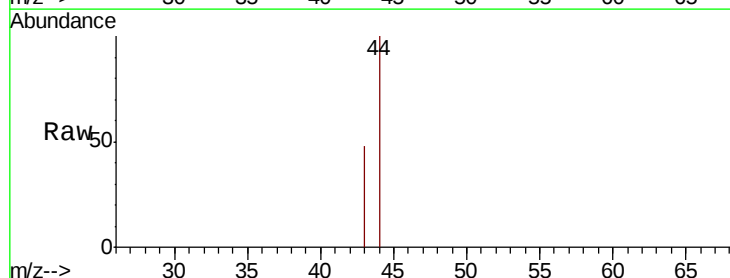
Acq: 30 May 2019 19:11

Tgt Ion: 43 Resp: 140

Ion Ratio Lower Upper

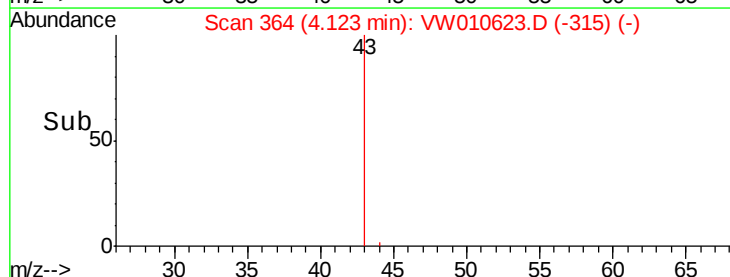
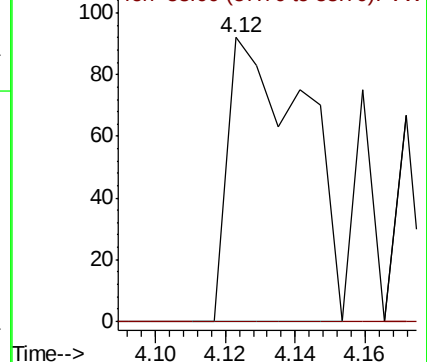
43 100

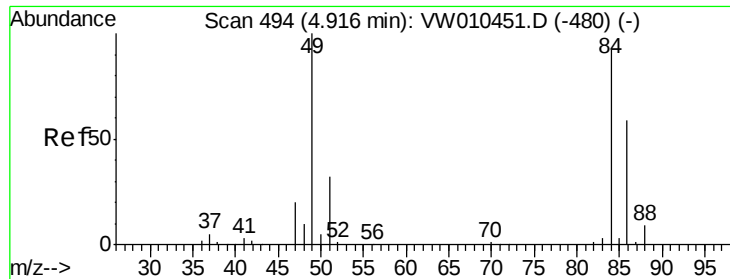
58 0.0 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

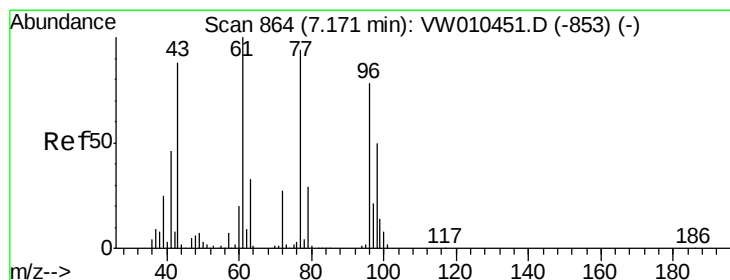
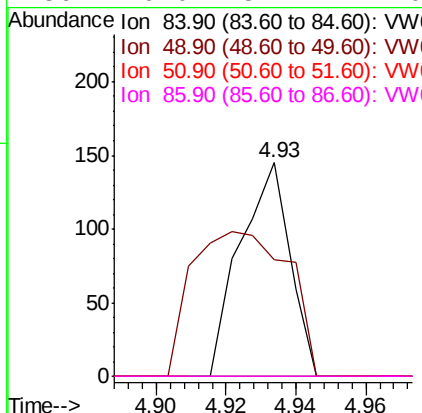
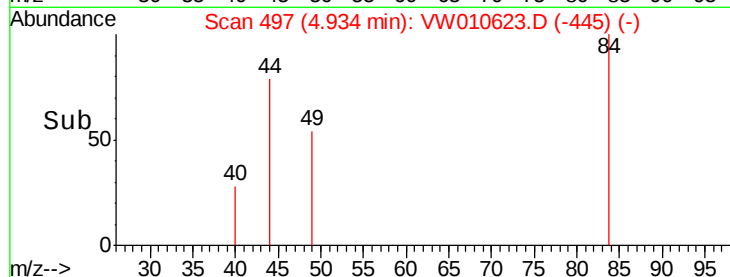
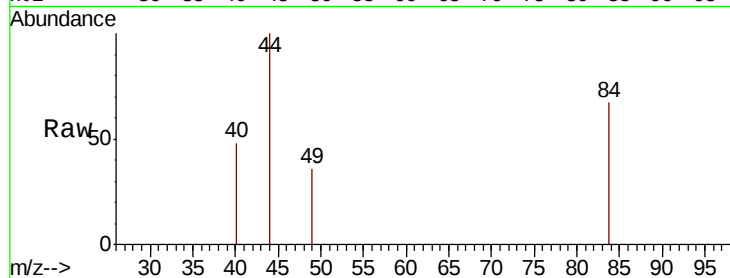




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

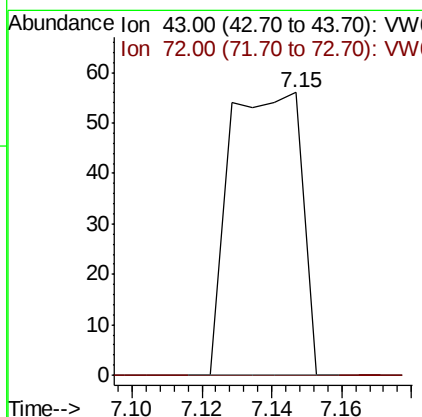
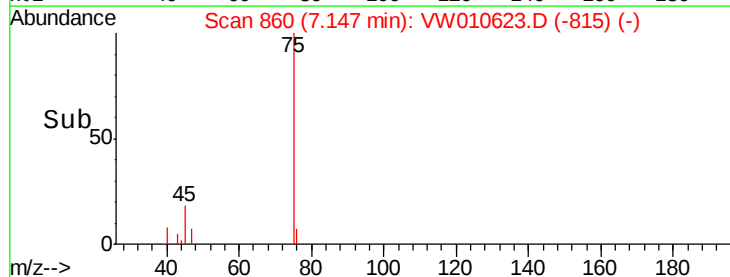
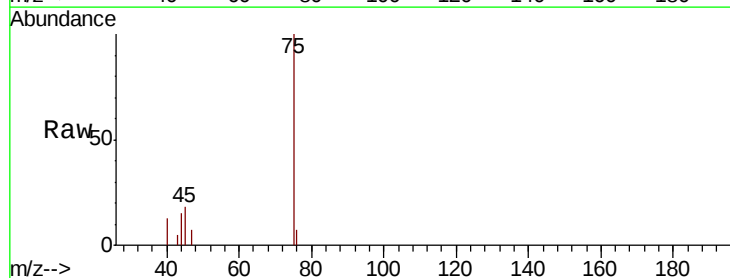
Instrument :
MSVOA_W
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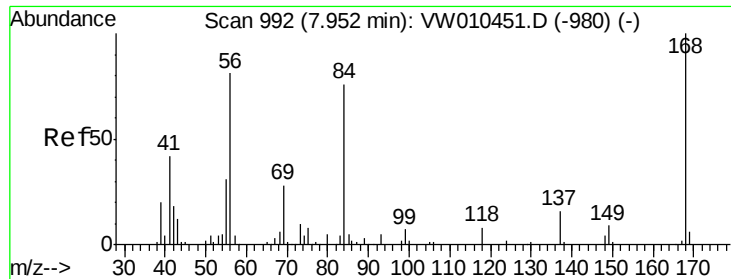
Tot Ion: 84 Resp: 143
Ion Ratio Lower Upper
84 100
49 54.5 87.2 130.8#
51 0.0 27.7 41.5#
86 0.0 51.4 77.0#



#25
2-Butanone
Concen: 2.557 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
72 0.0 24.1 36.1#

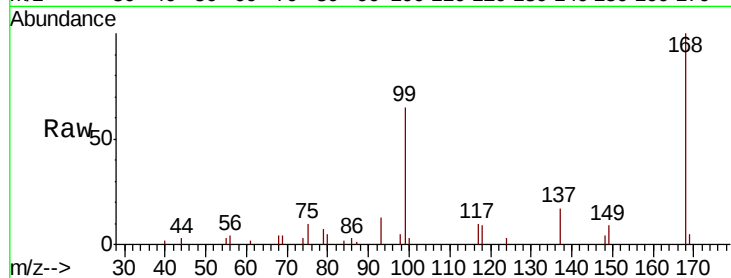




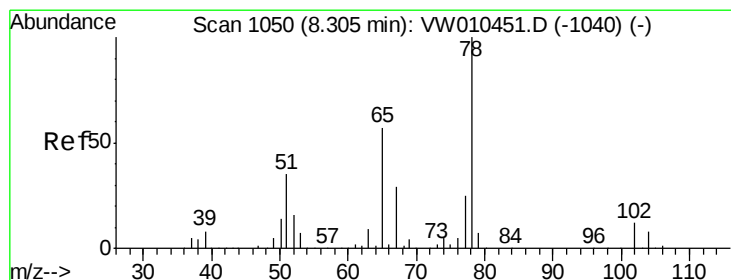
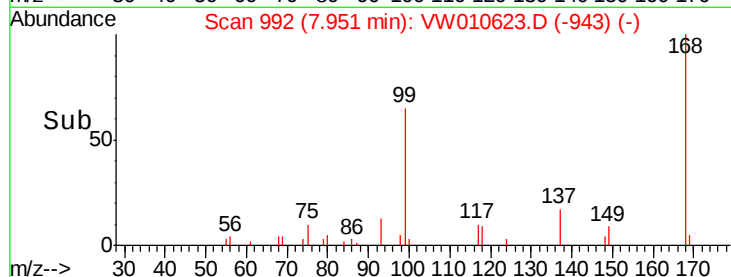
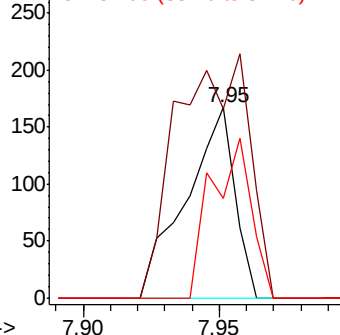
#31
Cyclohexane
Concen: 1.036 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

Instrument :
MSVOA_W
ClientSampleId :
0432-HR-12(HACKENSACK)

Tot Ion: 56 Resp: 208
Ion Ratio Lower Upper
56 100
69 99.4 28.2 42.2#
84 52.1 75.8 113.8#

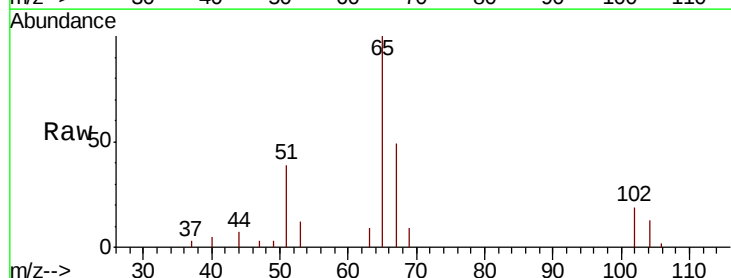


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

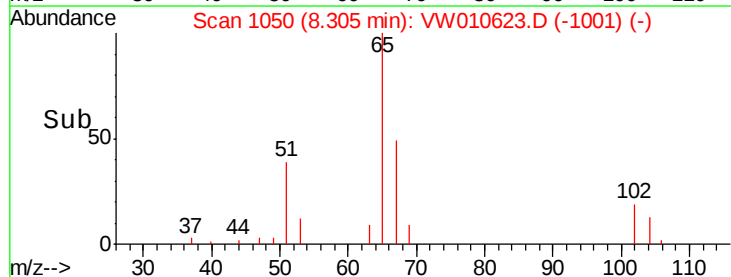
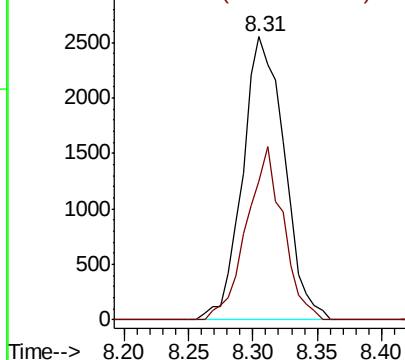


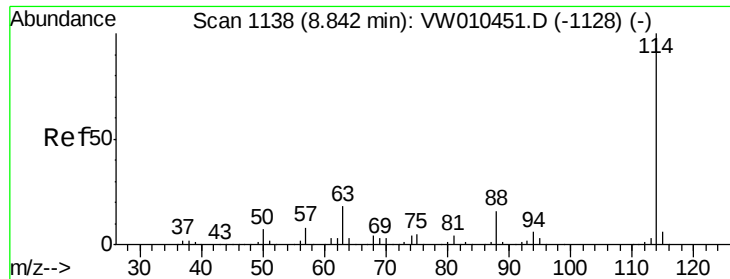
#33
1,2-Dichloroethane-d4
Concen: 53.921 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

Tgt Ion: 65 Resp: 5703
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

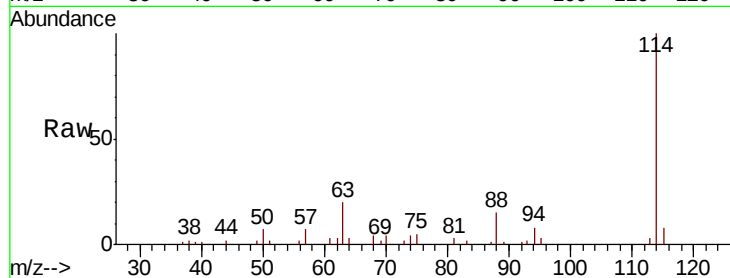




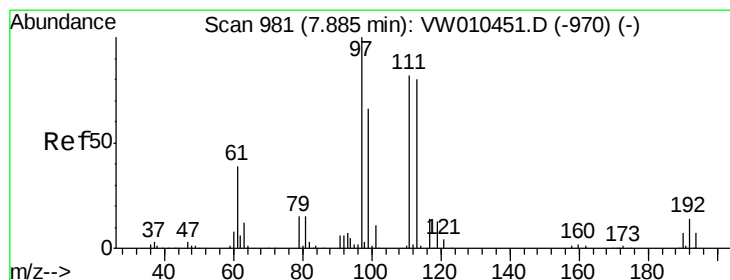
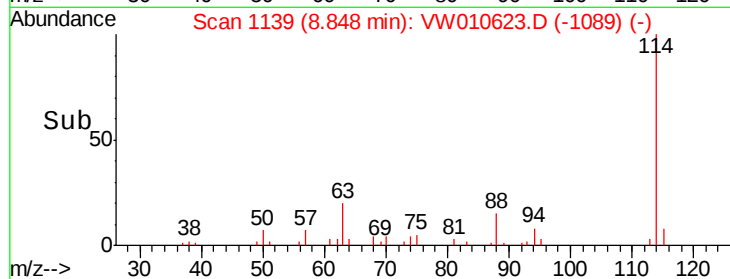
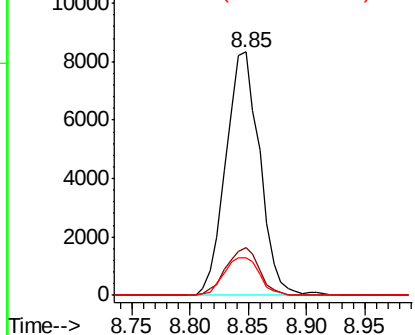
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010623.D
 Acq: 30 May 2019 19:11

Instrument :
 MSVOA_W
 ClientSampleId :
 0432-HR-12(HACKENSACK)

Tot Ion:114 Resp: 16970
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 36.0
 88 15.3 0.0 32.0

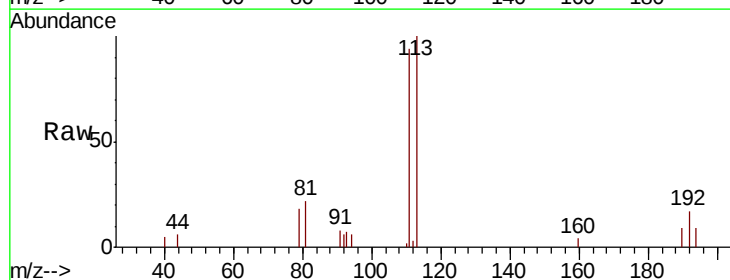


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

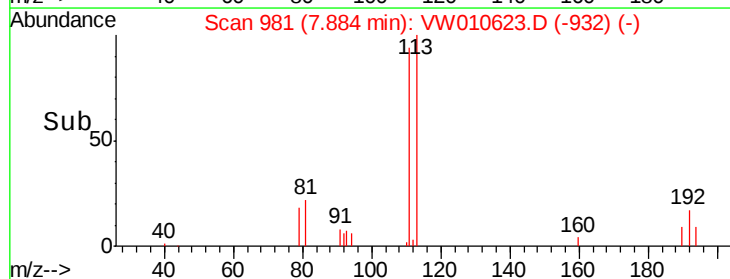
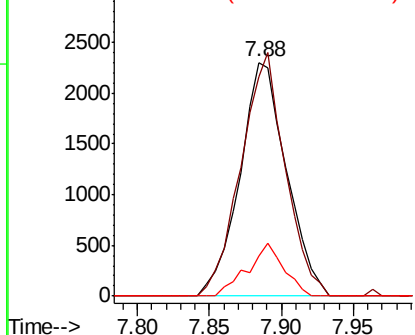


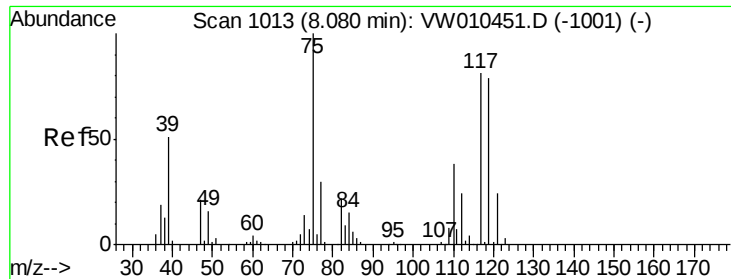
#35
 Dibromofluoromethane
 Concen: 50.189 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010623.D
 Acq: 30 May 2019 19:11

Tgt Ion:113 Resp: 5168
 Ion Ratio Lower Upper
 113 100
 111 99.0 82.2 123.4
 192 17.6 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

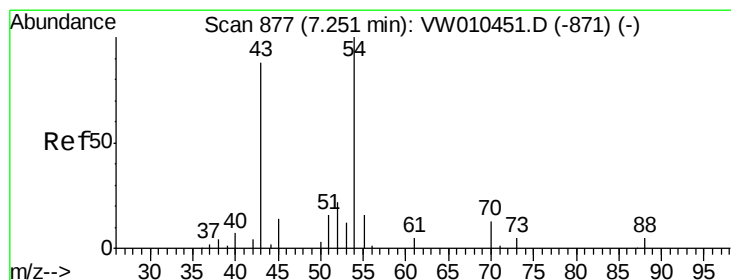
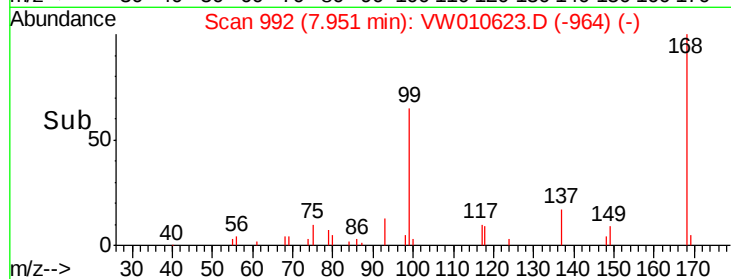
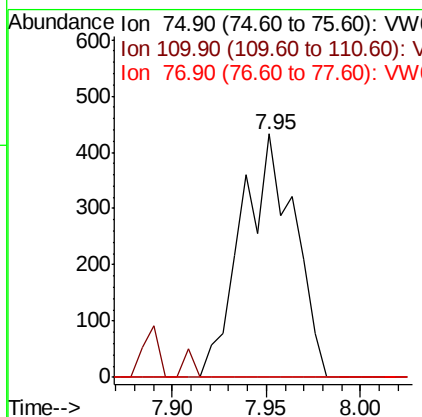
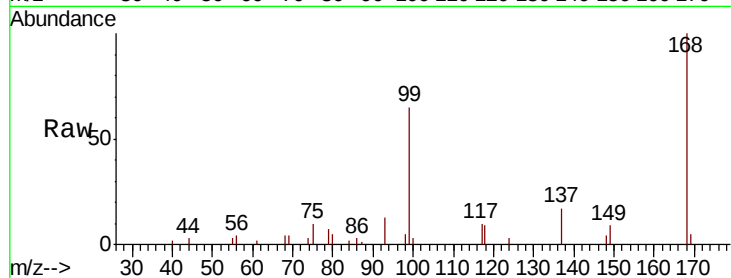




#36
 1,1-Dichloropropene
 Concen: 5.320 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010623.D
 Acq: 30 May 2019 19:11

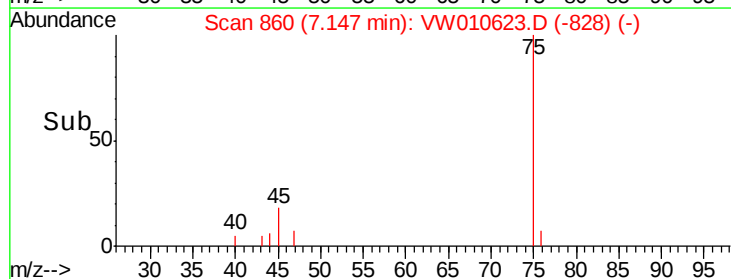
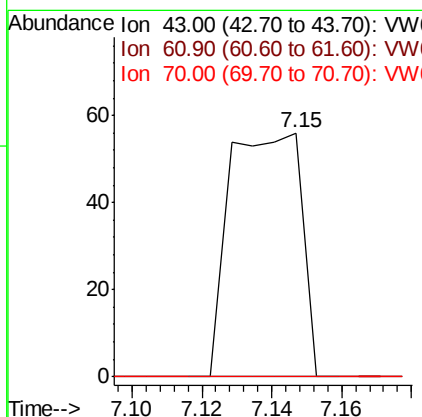
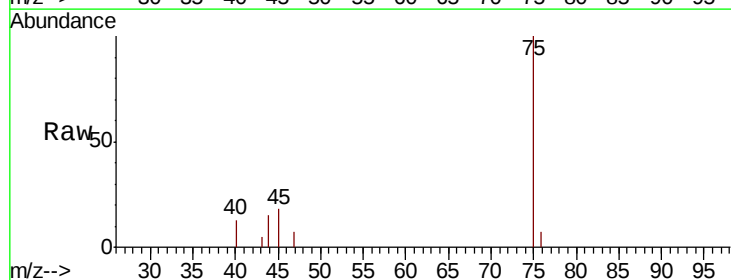
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 MSVOA_W
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 0432-HR-12(HACKENSACK)

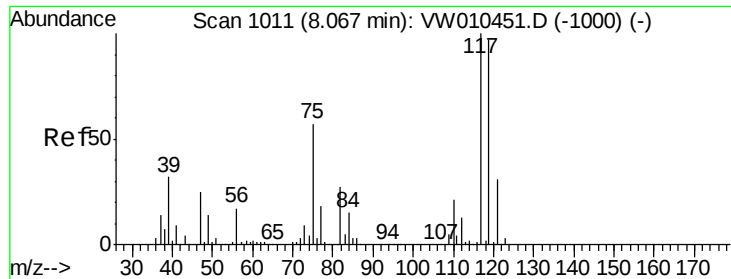
Tot Ion: 75 Resp: 841
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.2 57.6#
 77 0.0 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 1.175 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.10 min
 Lab File: VW010623.D
 Acq: 30 May 2019 19:11

Tgt Ion: 43 Resp: 79
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.2 16.8#
 70 0.0 9.9 14.9#

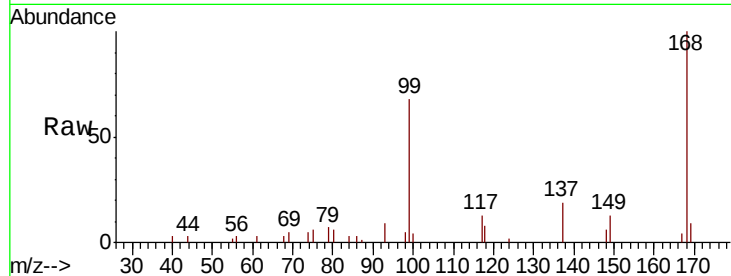




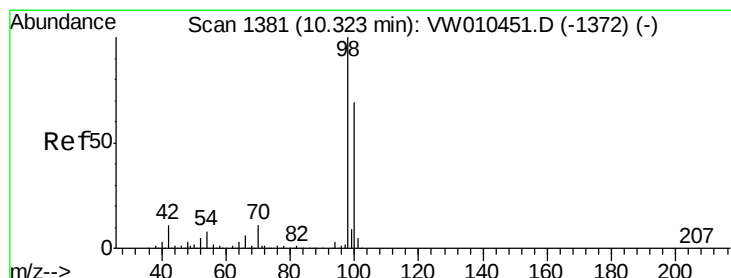
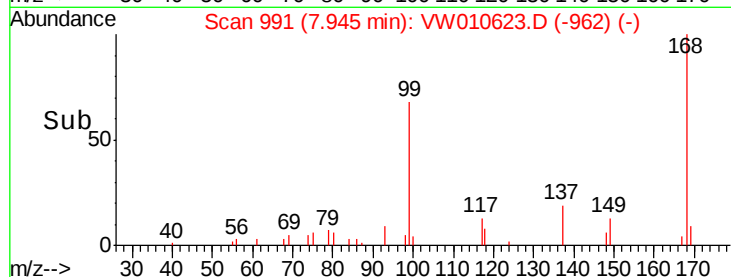
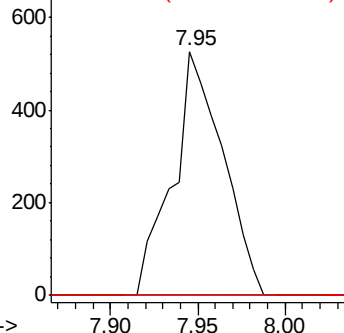
#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

Instrument :
MSVOA_W
ClientSampleId :
0432-HR-12(HACKENSACK)

Tot Ion:117 Resp: 1049
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.0 37.6#

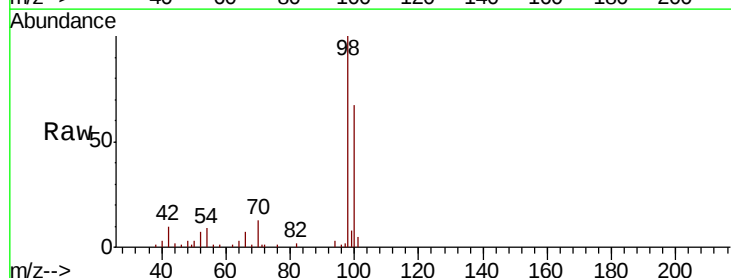


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

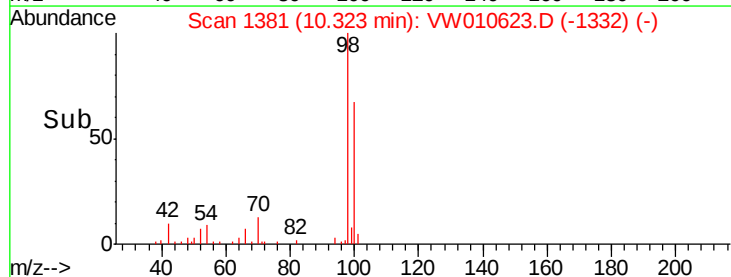
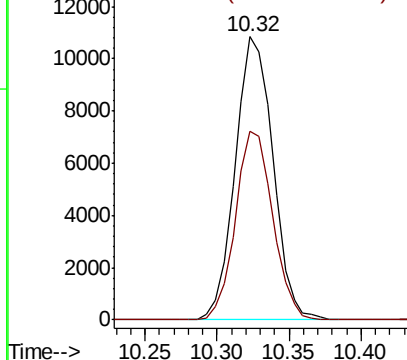


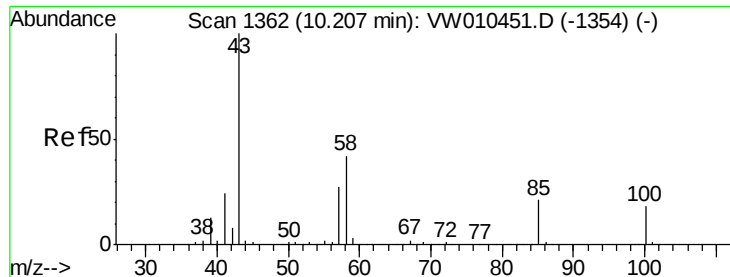
#50
Toluene-d8
Concen: 50.194 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

Tgt Ion: 98 Resp: 19745
Ion Ratio Lower Upper
98 100
100 65.9 53.7 80.5



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





#51

4-Methyl-2-Pentanone

Concen: 3.835 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010623.D

Acq: 30 May 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

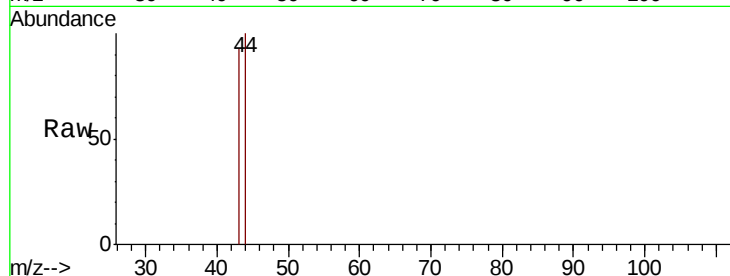
0432-HR-12(HACKENSACK)

Tot Ion: 43 Resp: 261

Ion Ratio Lower Upper

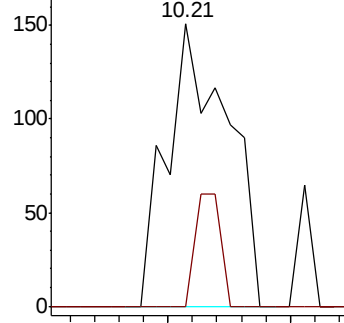
43 100

58 16.9 33.2 49.8#

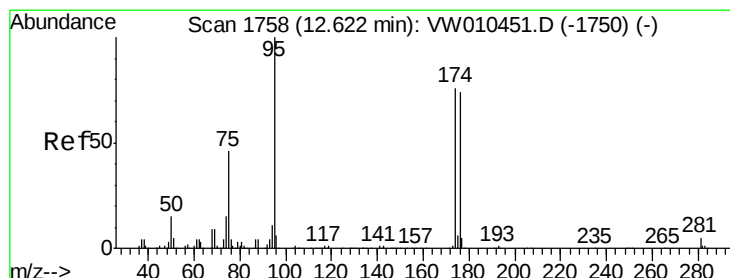
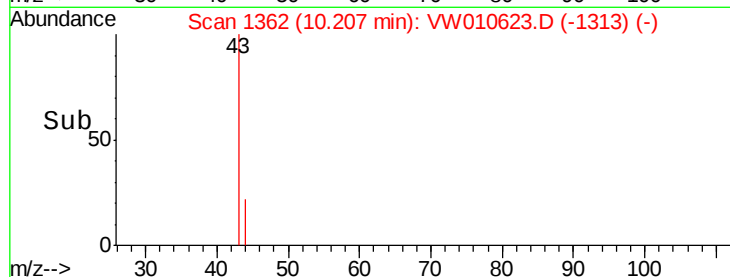


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 35.715 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010623.D

Acq: 30 May 2019 19:11

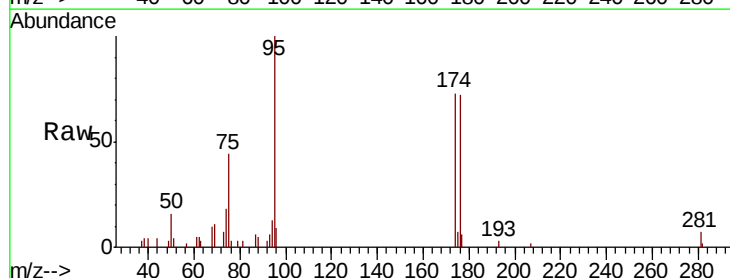
Tgt Ion: 95 Resp: 5596

Ion Ratio Lower Upper

95 100

174 68.4 0.0 148.6

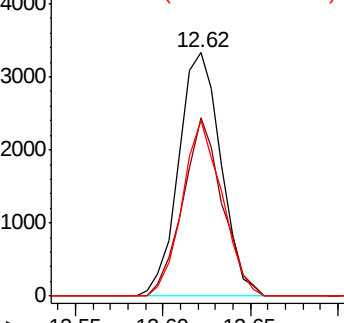
176 68.0 0.0 144.2



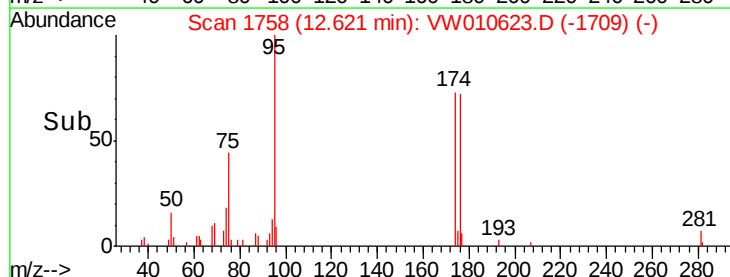
Abundance Ion 94.90 (94.60 to 95.60): VW

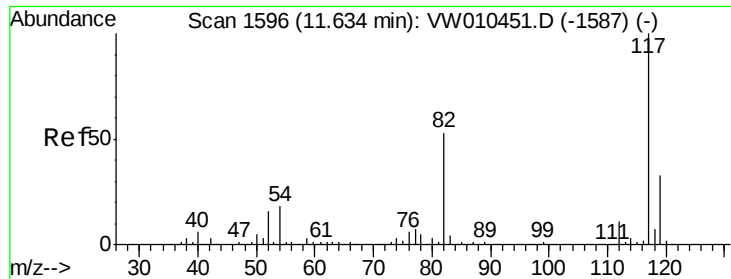
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

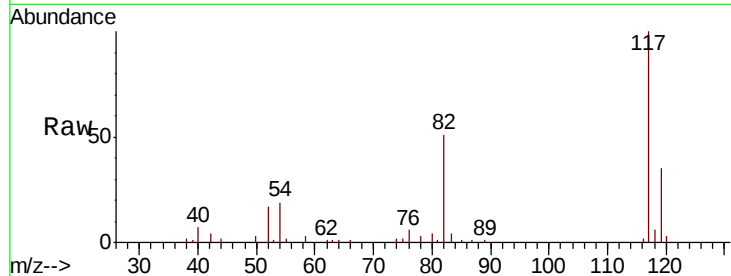




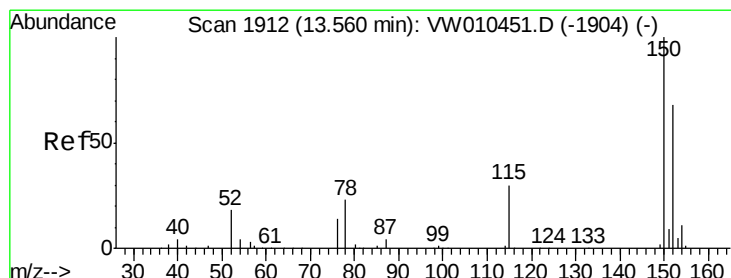
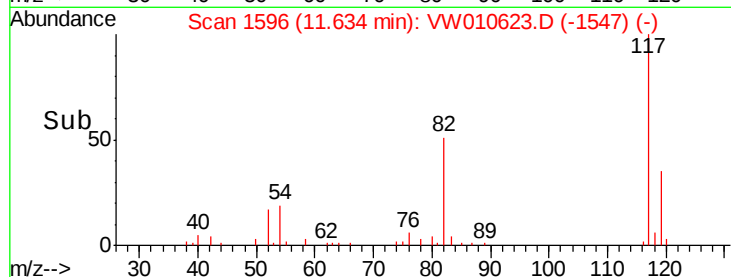
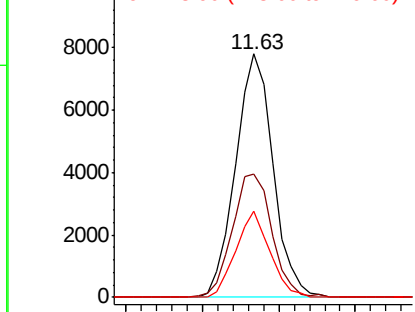
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

Instrument :
MSVOA_W
ClientSampleId :
0432-HR-12(HACKENSACK)

Tot Ion:117 Resp: 13230
Ion Ratio Lower Upper
117 100
82 50.7 42.8 64.2
119 35.4 26.3 39.5

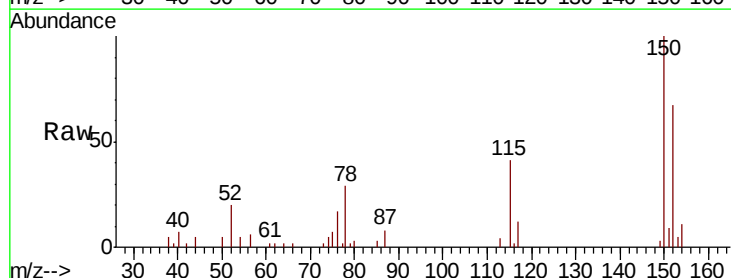


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

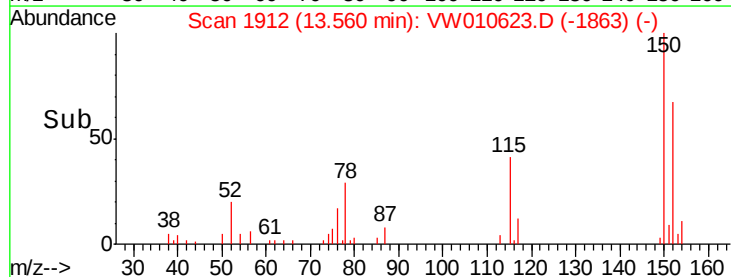
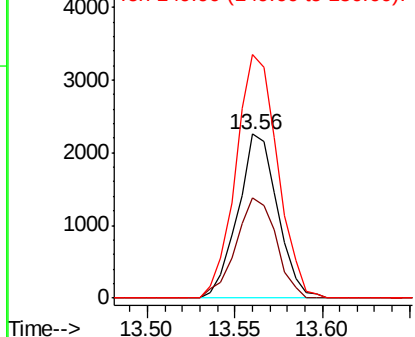


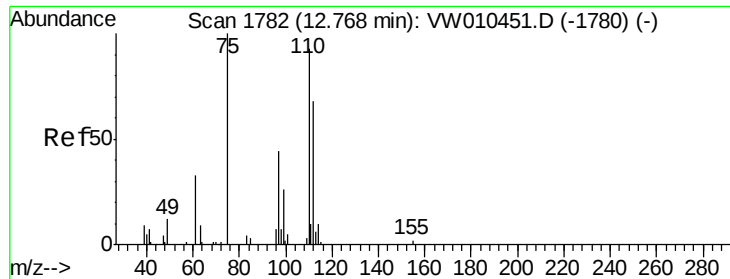
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

Tgt Ion:152 Resp: 3547
Ion Ratio Lower Upper
152 100
115 62.2 30.3 91.0
150 156.3 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





#76

1,2,3-Trichloropropane

Concen: 68.047 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010623.D

Acq: 30 May 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

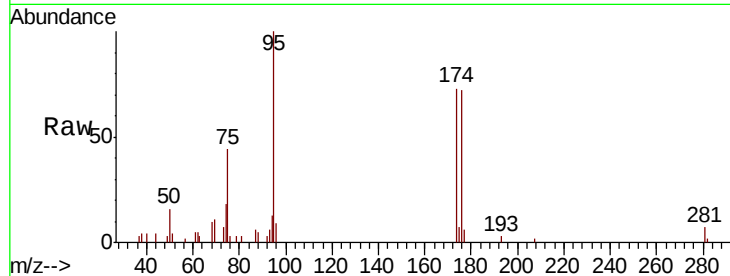
0432-HR-12(HACKENSACK)

Tot Ion: 75 Resp: 2450

Ion Ratio Lower Upper

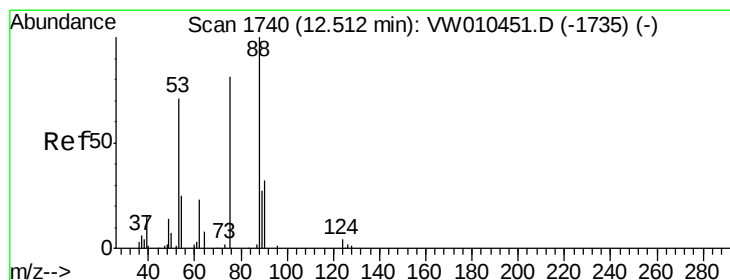
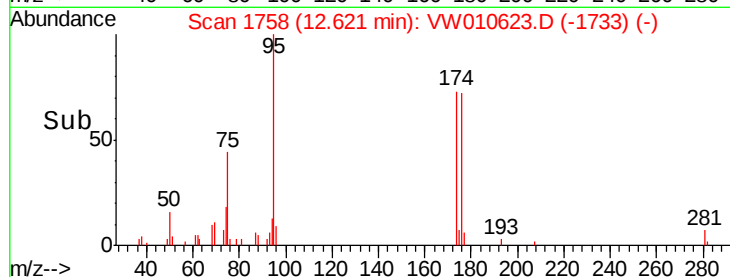
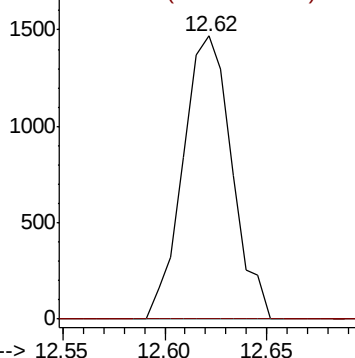
75 100

77 0.0 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 142.017 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010623.D

Acq: 30 May 2019 19:11

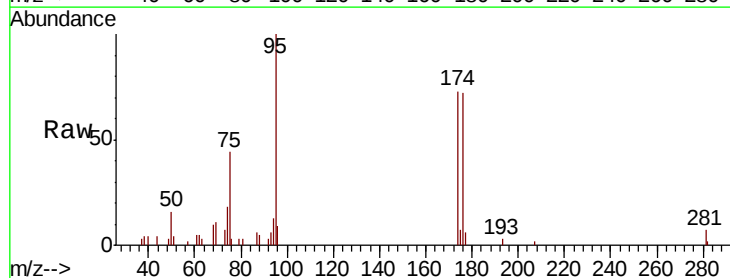
Tgt Ion: 75 Resp: 2450

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

