

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010626.D
 Acq On : 30 May 2019 20:34
 Operator : SY/VA
 Sample : K3097-15
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0435-HR-15(HACKENSACK)

Quant Time: May 31 07:46:50 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	5040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	7256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	5502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1150	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	2313	44.46	ug/l	0.00
Spiked Amount			Recovery	=	88.92%	
35) Dibromofluoromethane	7.88	113	1769	40.18	ug/l	0.00
Spiked Amount			Recovery	=	80.36%	
50) Toluene-d8	10.32	98	8749	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.62	95	2790	41.64	ug/l	0.00
Spiked Amount			Recovery	=	83.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.93	64	60	1.524	ug/l #	43
16) Acetone	4.13	43	1355	127.605	ug/l	95
17) Carbon Disulfide	4.39	76	431	2.714	ug/l #	75
25) 2-Butanone	7.17	43	71	4.672	ug/l #	45
26) 2,2-Dichloropropane	7.12	77	233	2.594	ug/l #	52
36) 1,1-Dichloropropene	7.95	75	320	4.734	ug/l #	40
38) Carbon Tetrachloride	7.95	117	539	7.392	ug/l #	12
41) Methacrylonitrile	7.47	41	47	2.752	ug/l #	19
51) 4-Methyl-2-Pentanone	10.21	43	305	10.482	ug/l #	34
52) Toluene	10.39	92	2238	17.738	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	43	1.146	ug/l #	16
56) Ethyl methacrylate	10.63	69	257	4.966	ug/l #	73
59) 2-Hexanone	10.93	43	149	7.178	ug/l #	22
60) Dibromochloromethane	11.09	129	48	1.011	ug/l #	10
69) o-Xylene	12.41	106	87	1.131	ug/l #	14
71) Bromoform	12.30	173	27	1.167	ug/l #	28
73) Isopropylbenzene	12.46	105	163	1.786	ug/l #	47
74) N-amyl acetate	12.29	43	54	2.582	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.73	83	98	5.904	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	965	82.668	ug/l #	1
77) Bromobenzene	12.82	156	33	1.616	ug/l #	1
79) 2-Chlorotoluene	13.07	91	297	4.816	ug/l	75
80) 1,3,5-Trimethylbenzene	12.82	105	144	1.863	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.62	75	965	172.530	ug/l #	26
82) 4-Chlorotoluene	13.07	91	297	4.640	ug/l	75
83) tert-Butylbenzene	13.21	119	135	2.000	ug/l #	26
84) 1,2,4-Trimethylbenzene	13.26	105	100	1.299	ug/l #	30
85) sec-Butylbenzene	13.46	105	338	3.578	ug/l	91
86) p-Isopropyltoluene	13.48	119	156	1.824	ug/l #	50
89) n-Butylbenzene	13.85	91	94	1.156	ug/l #	31
90) Hexachloroethane	14.05	117	119	7.189	ug/l	91
95) Naphthalene	15.37	128	66	1.266	ug/l #	1

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Response via : Initial Calibration

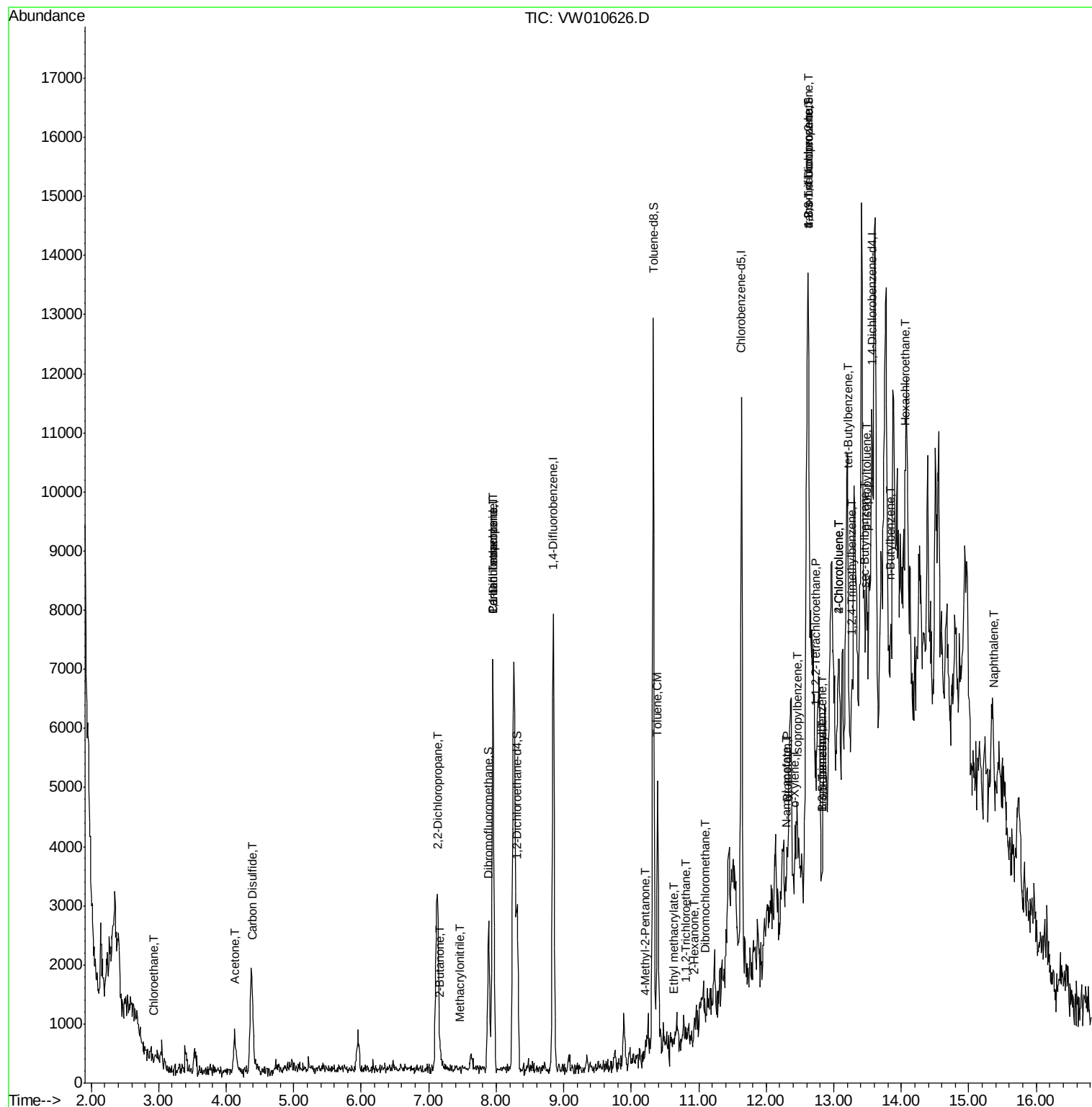
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

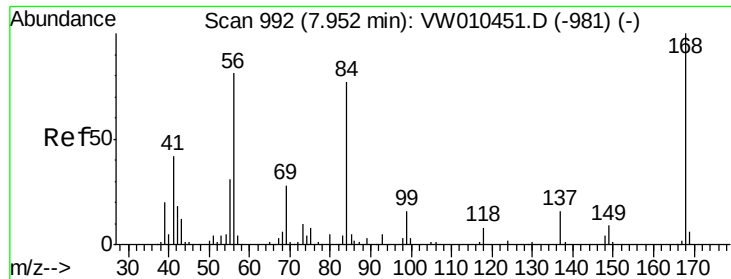
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

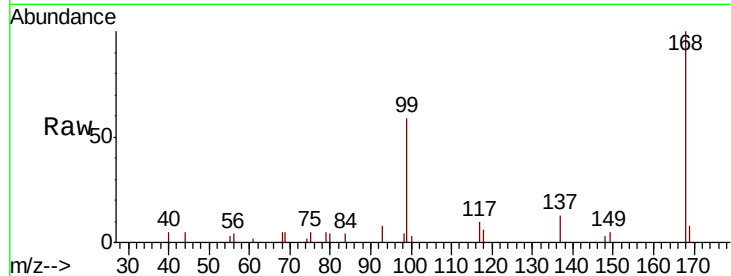
0435-HR-15(HACKENSACK)

Tot Ion:168 Resp: 5040

Ion Ratio Lower Upper

168 100

99 58.7 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

3000

2500

2000

1500

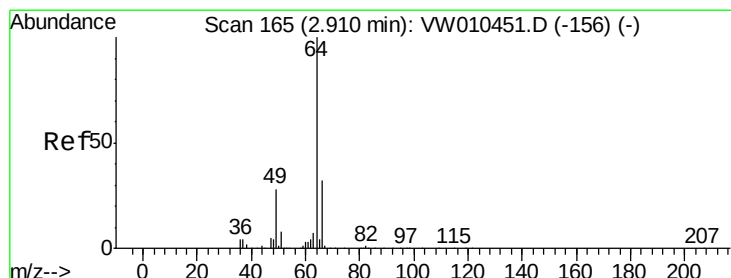
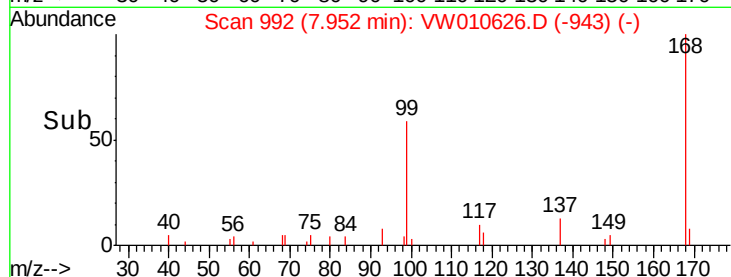
1000

500

0

Time-->

7.90 7.95 8.00



#6

Chloroethane

Concen: 1.524 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.02 min

Lab File: VW010626.D

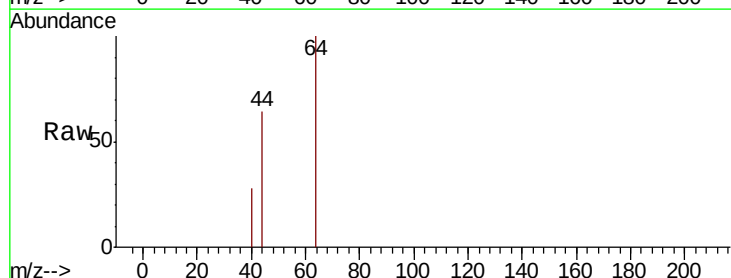
Acq: 30 May 2019 20:34

Tgt Ion: 64 Resp: 60

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

200

150

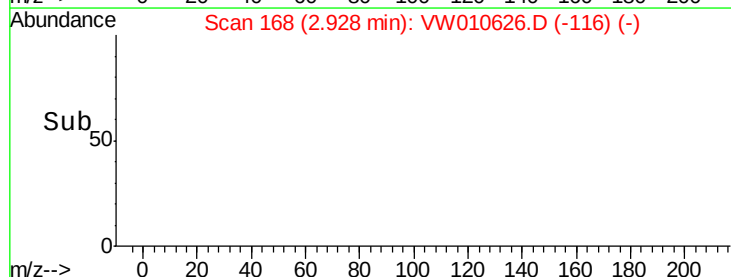
100

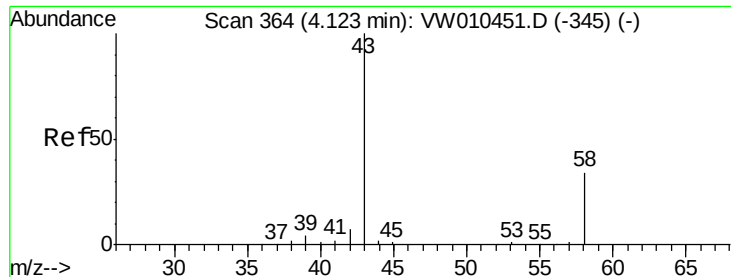
50

0

Time-->

2.90 2.91 2.92 2.93 2.94





#16

Acetone

Concen: 127.605 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

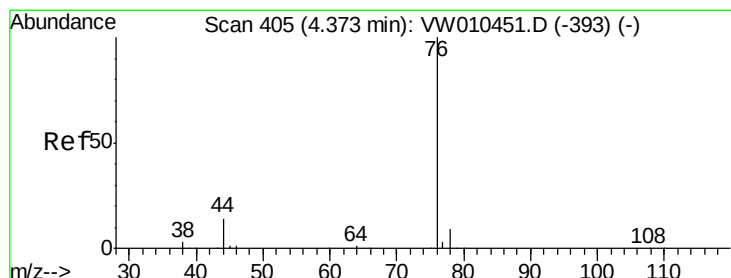
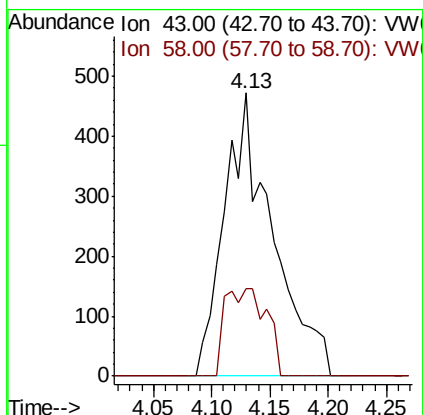
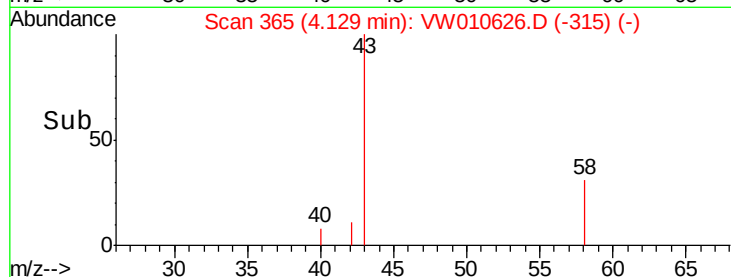
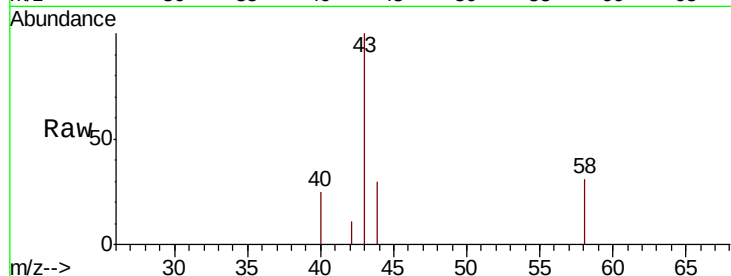
0435-HR-15(HACKENSACK)

Tot Ion: 43 Resp: 1355

Ion Ratio Lower Upper

43 100

58 30.9 27.0 40.4



#17

Carbon Disulfide

Concen: 2.714 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.02 min

Lab File: VW010626.D

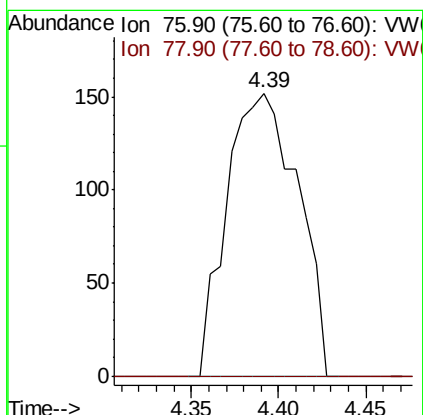
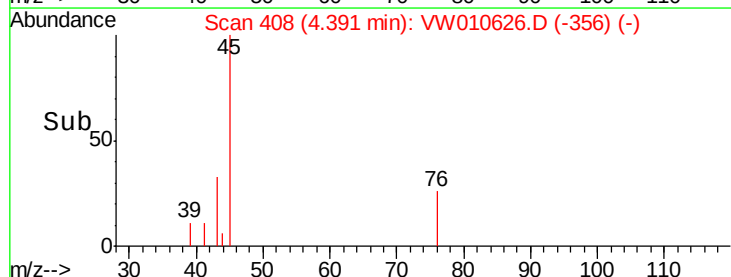
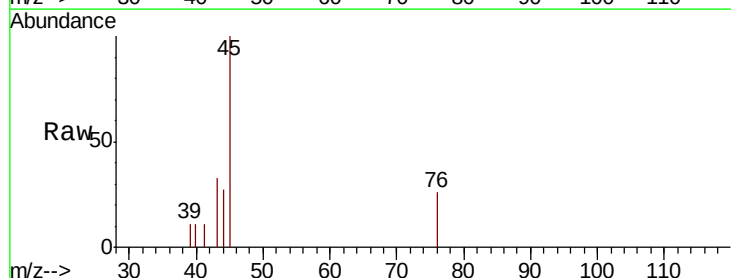
Acq: 30 May 2019 20:34

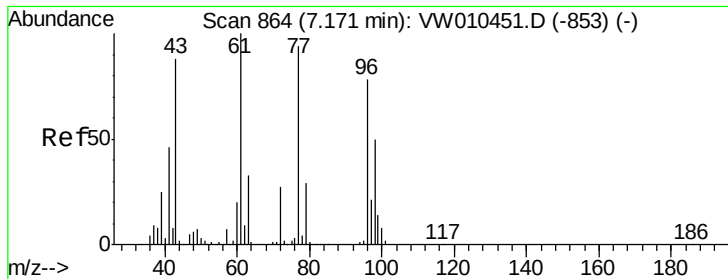
Tgt Ion: 76 Resp: 431

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#





#25

2-Butanone

Concen: 4.672 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

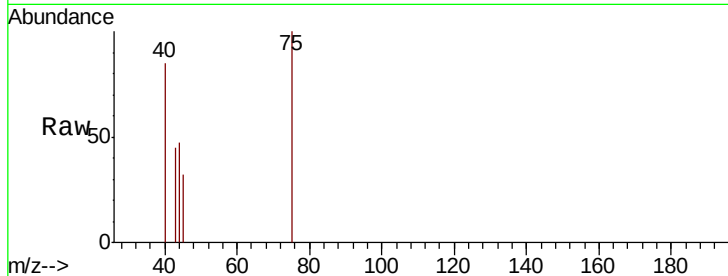
0435-HR-15(HACKENSACK)

Tot Ion: 43 Resp: 71

Ion Ratio Lower Upper

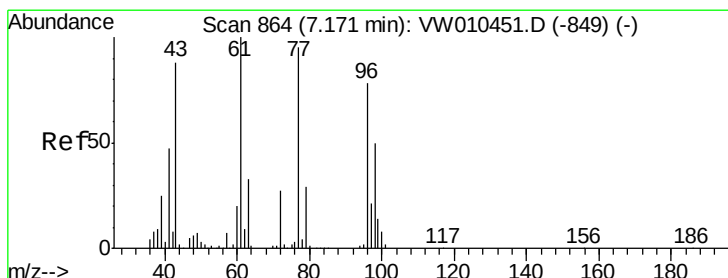
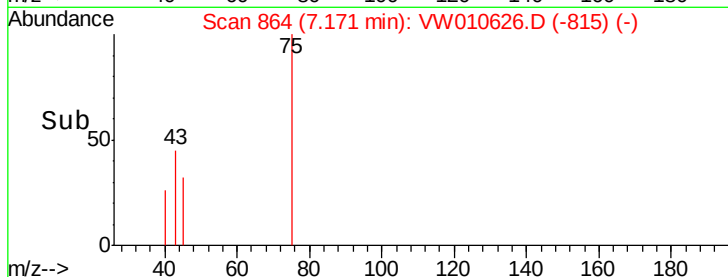
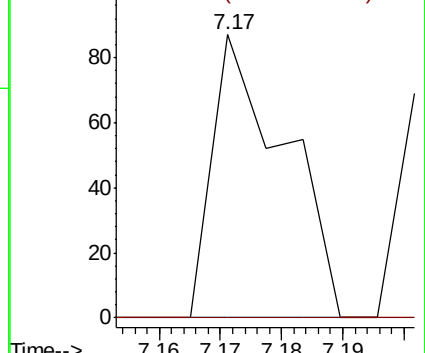
43 100

72 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 2.594 ug/l

RT: 7.12 min Scan# 856

Delta R.T. -0.05 min

Lab File: VW010626.D

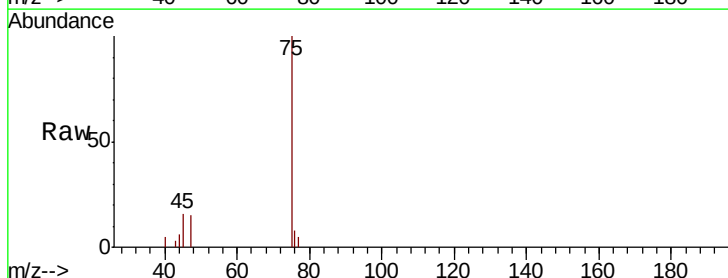
Acq: 30 May 2019 20:34

Tgt Ion: 77 Resp: 233

Ion Ratio Lower Upper

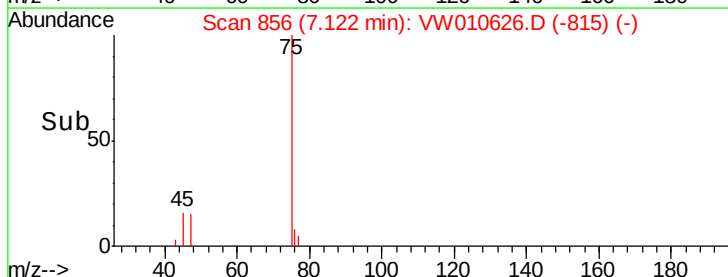
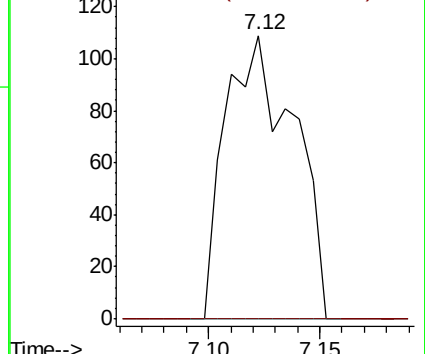
77 100

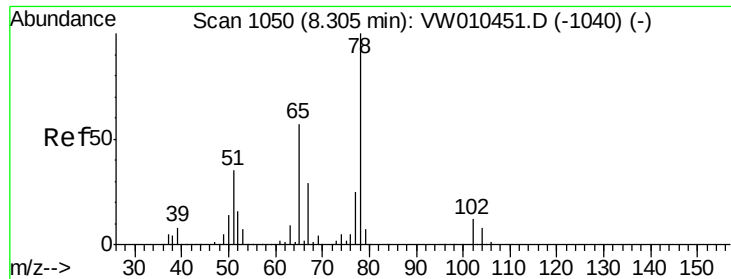
97 0.0 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

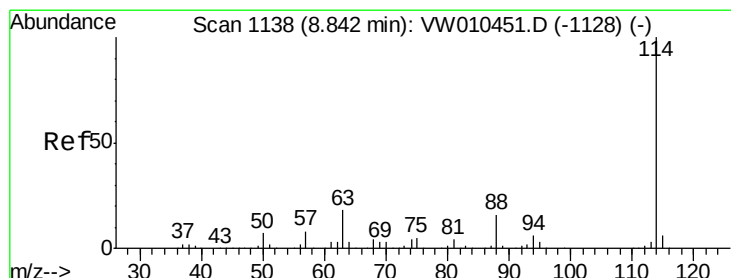
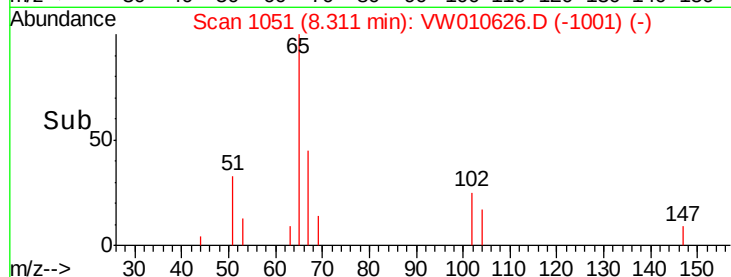
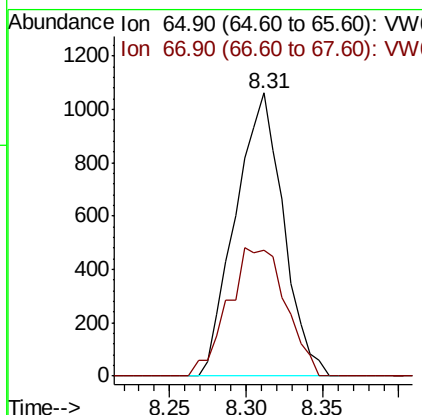
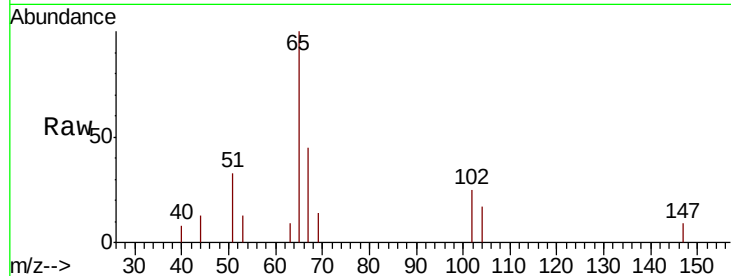




#33
 1,2-Dichloroethane-d4
 Concen: 44.462 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW010626.D
 Acq: 30 May 2019 20:34

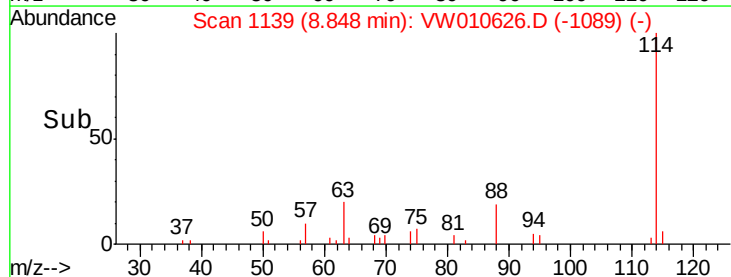
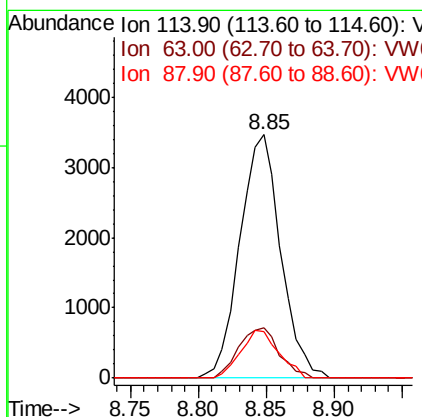
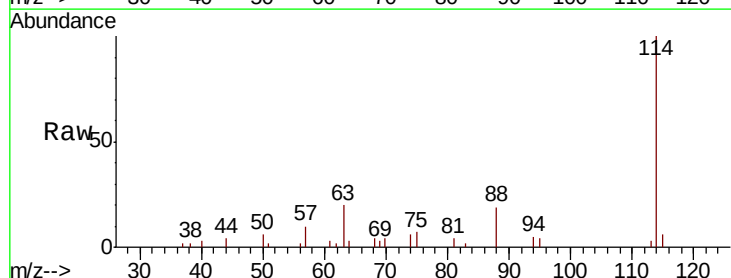
Instrument :
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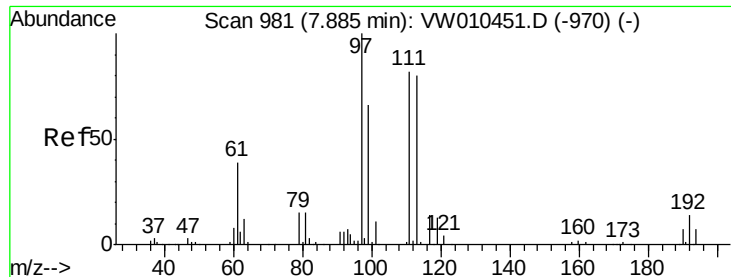
Tot Ion: 65 Resp: 2313
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010626.D
 Acq: 30 May 2019 20:34

Tgt Ion: 114 Resp: 7256
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 36.0
 88 19.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 40.179 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

0435-HR-15(HACKENSACK)

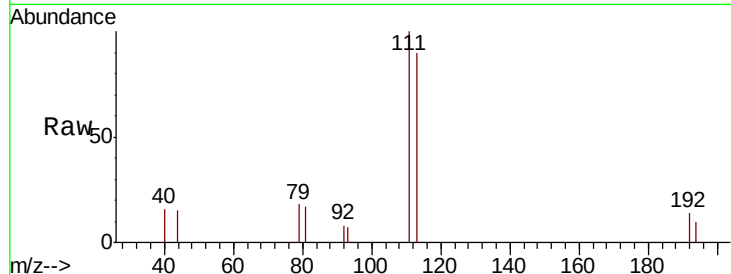
Tot Ion:113 Resp: 1769

Ion Ratio Lower Upper

113 100

111 117.1 82.2 123.4

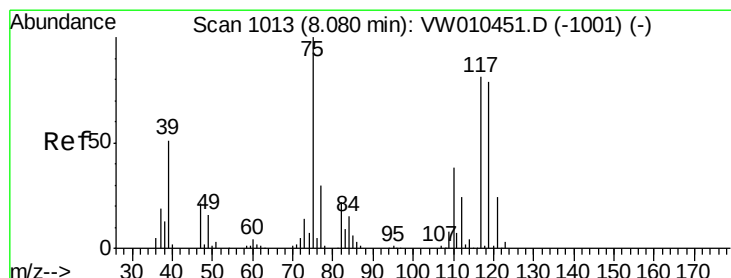
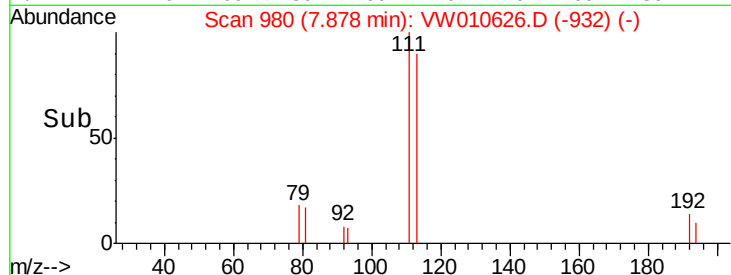
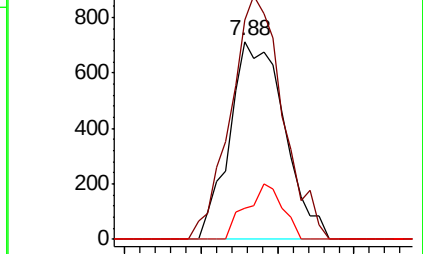
192 18.8 14.3 21.5



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: 4.734 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

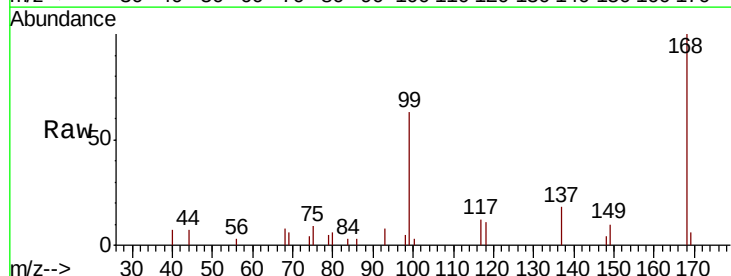
Tgt Ion: 75 Resp: 320

Ion Ratio Lower Upper

75 100

110 0.0 19.2 57.6#

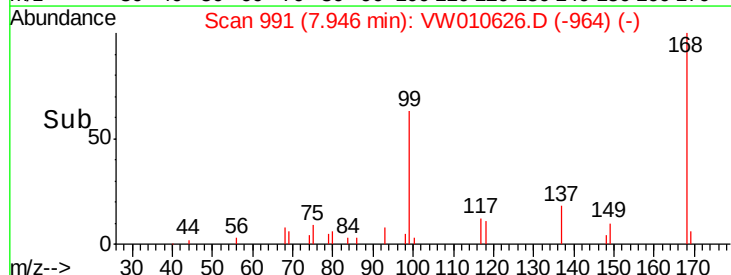
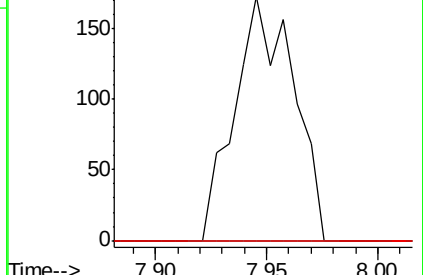
77 0.0 25.2 37.8#

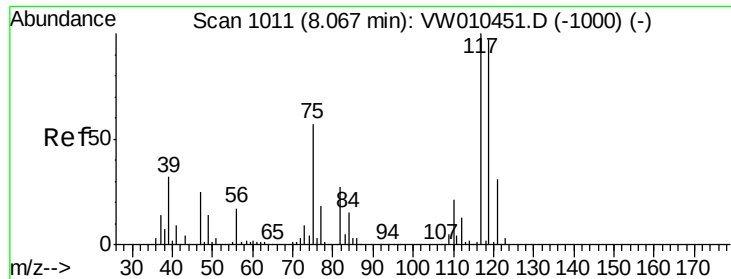


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

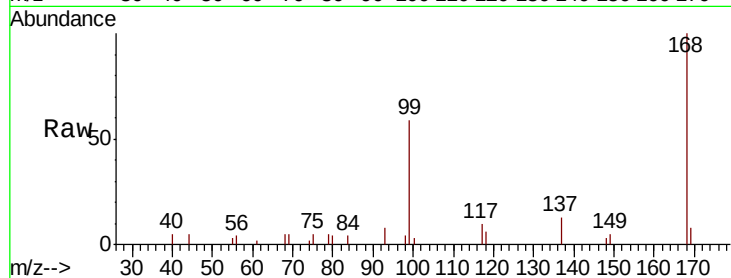




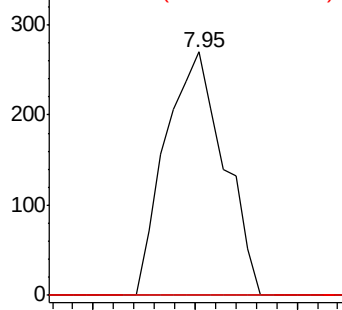
#38
Carbon Tetrachloride
Concen: 7.392 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

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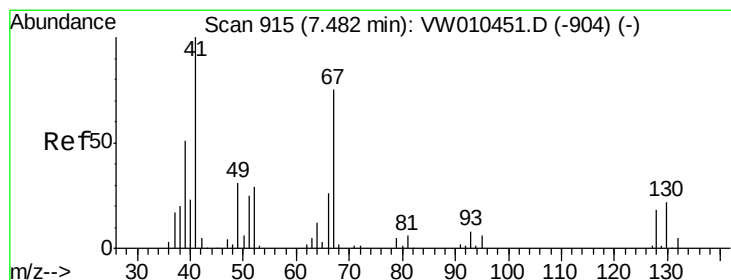
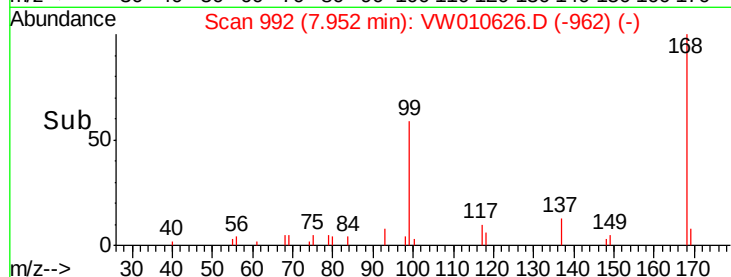
Tot Ion:117 Resp: 539
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.0 37.6#



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

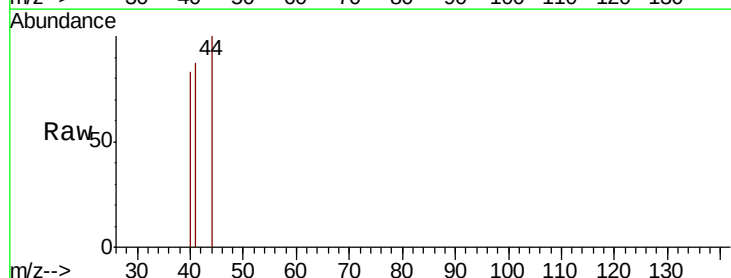


Time-->

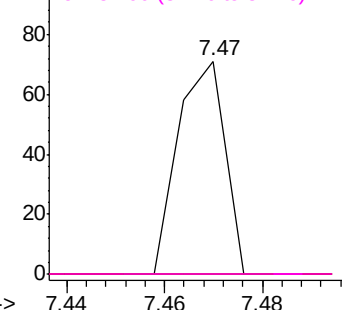


#41
Methacrylonitrile
Concen: 2.752 ug/l
RT: 7.47 min Scan# 913
Delta R.T. -0.01 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

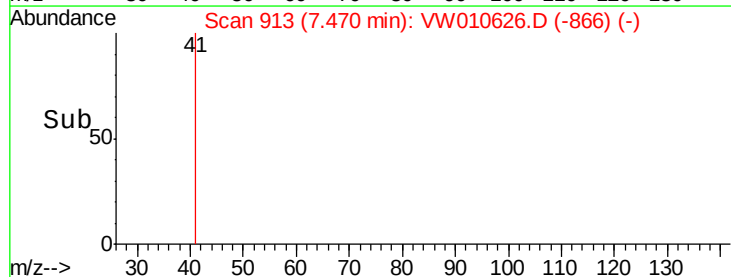
Tgt Ion: 41 Resp: 47
Ion Ratio Lower Upper
41 100
39 0.0 47.4 71.2#
67 0.0 65.5 98.3#
52 0.0 25.0 37.4#

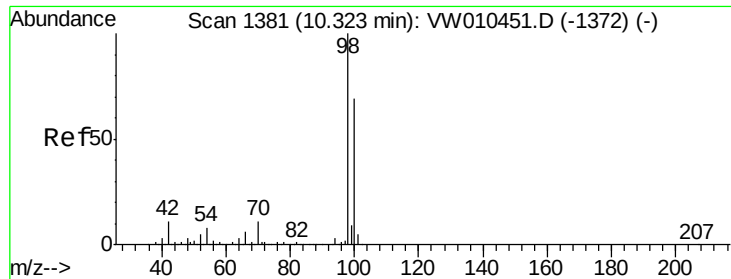


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



Time-->

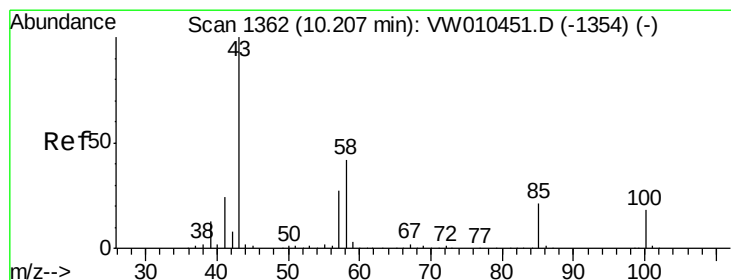
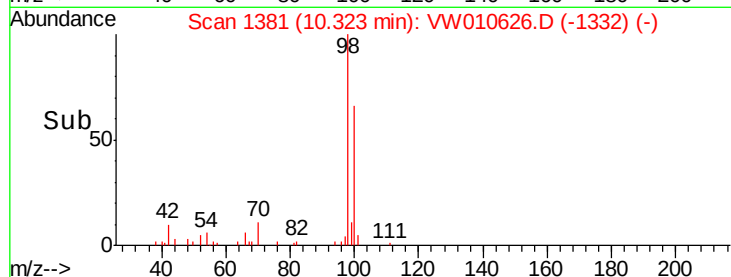
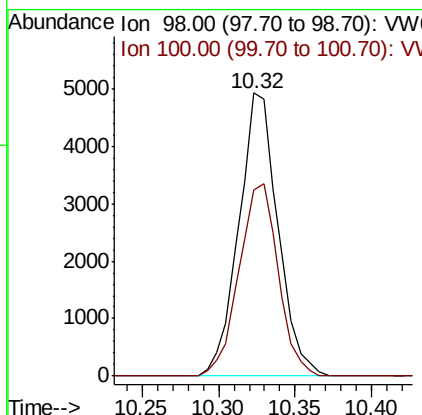
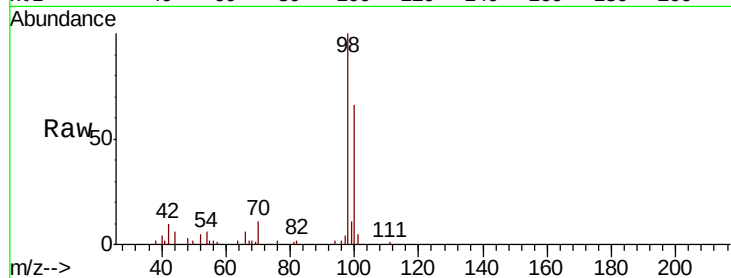




#50
Toluene-d8
Concen: 52.016 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

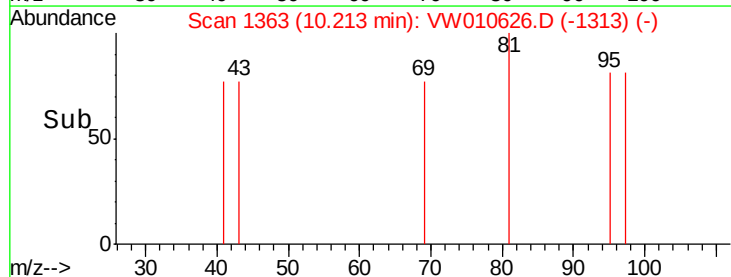
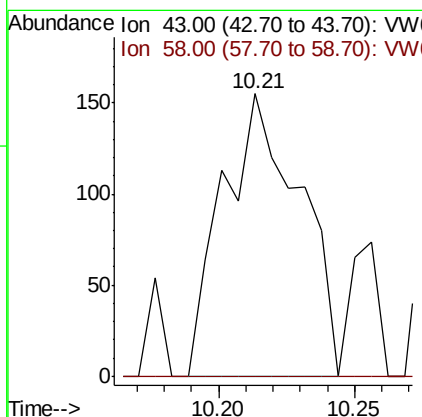
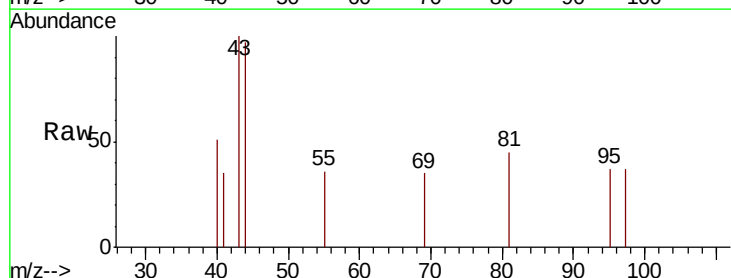
Instrument :
MSVOA_W
ClientSampleId :
0435-HR-15(HACKENSACK)

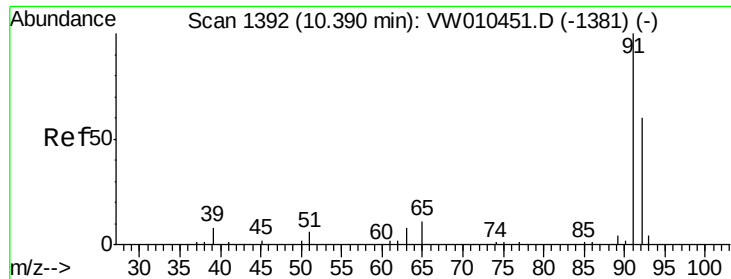
Tot Ion: 98 Resp: 8749
Ion Ratio Lower Upper
98 100
100 67.9 53.7 80.5



#51
4-Methyl-2-Pentanone
Concen: 10.482 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
58 0.0 33.2 49.8#





#52

Toluene

Concen: 17.738 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

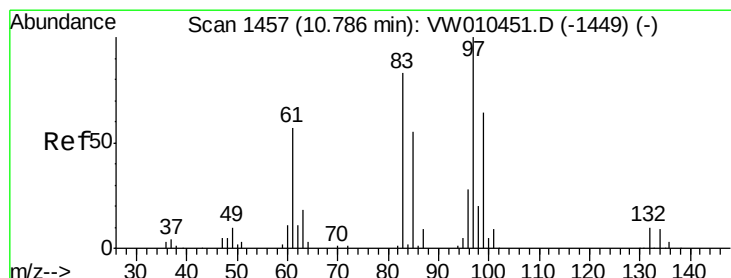
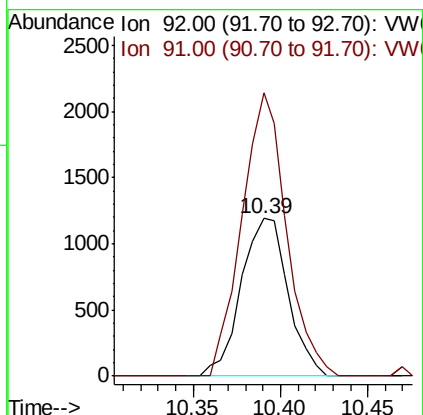
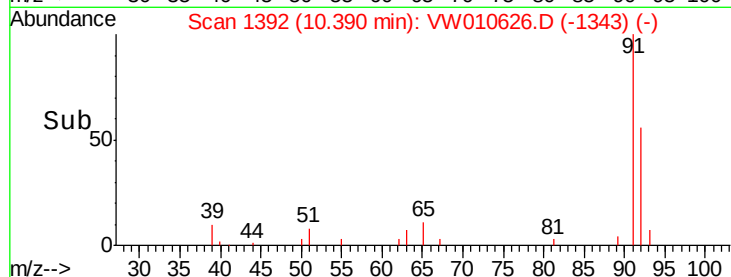
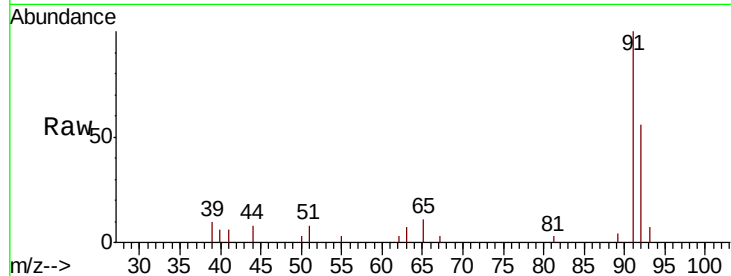
0435-HR-15(HACKENSACK)

Tot Ion: 92 Resp: 2238

Ion Ratio Lower Upper

92 100

91 170.5 135.4 203.0



#55

1,1,2-Trichloroethane

Concen: 1.146 ug/l

RT: 10.80 min Scan# 1459

Delta R.T. 0.01 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Tgt Ion: 97 Resp: 43

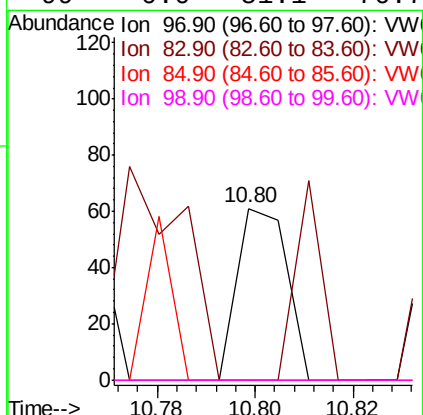
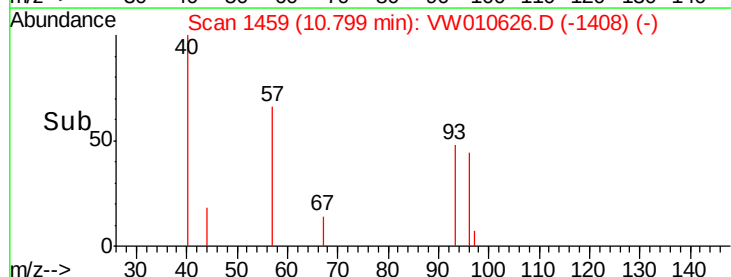
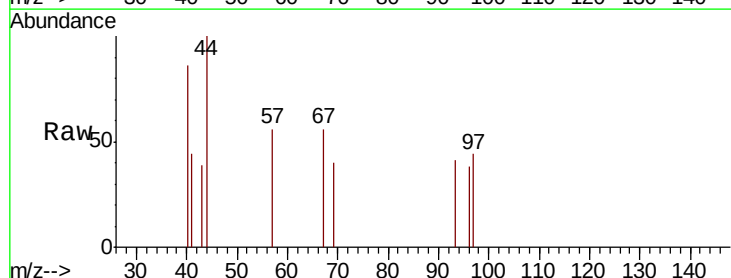
Ion Ratio Lower Upper

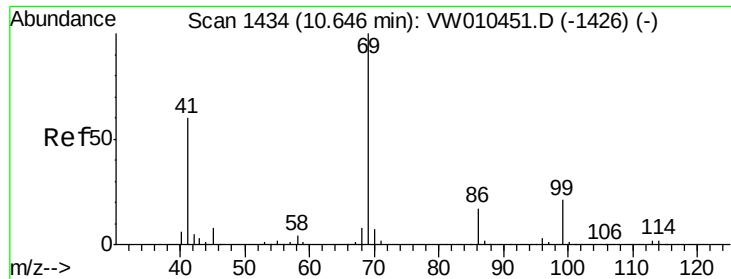
97 100

83 0.0 66.1 99.1#

85 0.0 44.2 66.4#

99 0.0 51.1 76.7#





#56

Ethyl methacrylate

Concen: 4.966 ug/l

RT: 10.63 min Scan# 1431

Delta R.T. -0.02 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

0435-HR-15(HACKENSACK)

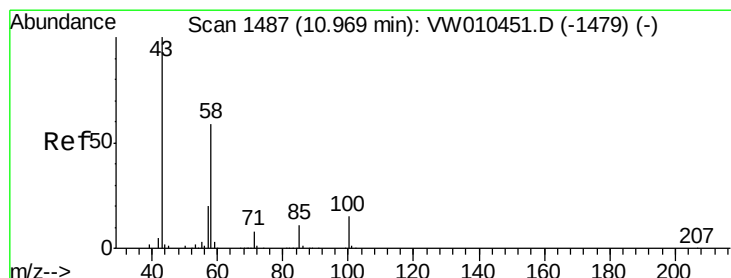
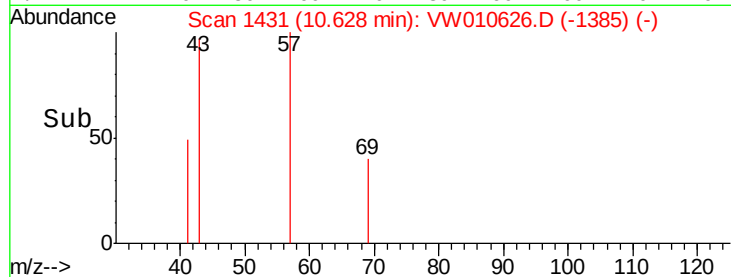
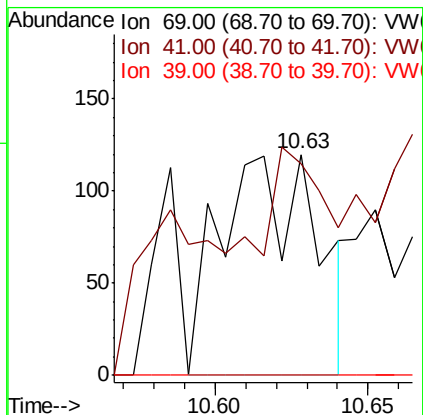
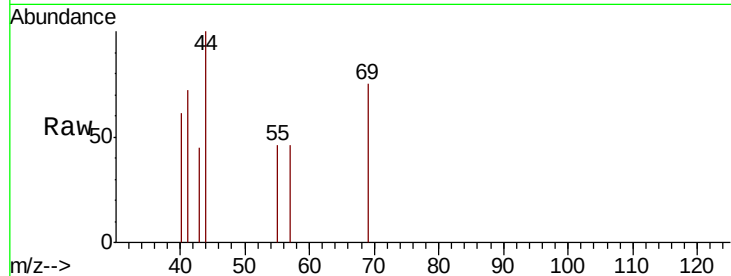
Tot Ion: 69 Resp: 257

Ion Ratio Lower Upper

69 100

41 51.0 47.7 71.5

39 0.0 25.3 37.9#



#59

2-Hexanone

Concen: 7.178 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010626.D

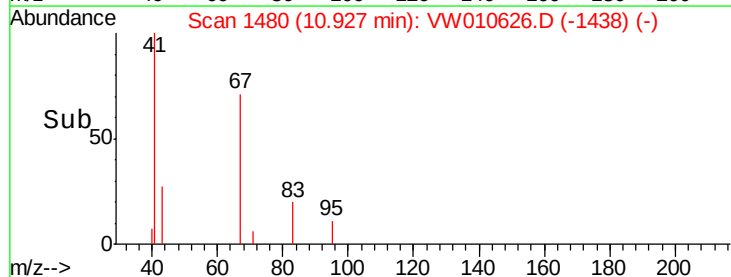
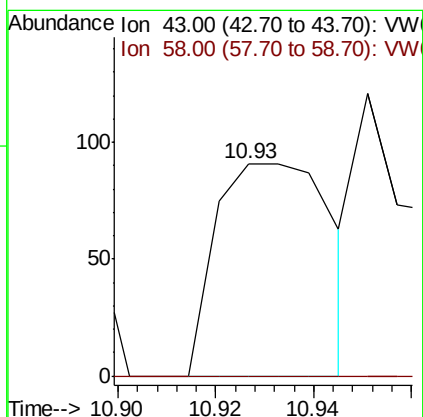
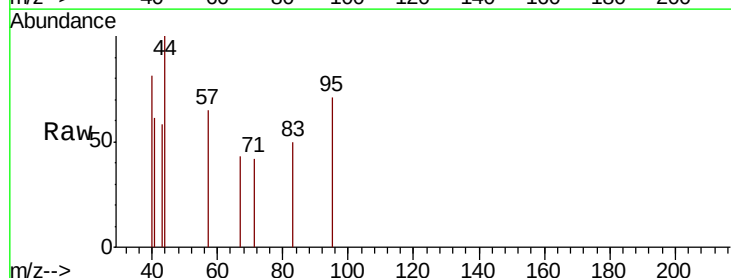
Acq: 30 May 2019 20:34

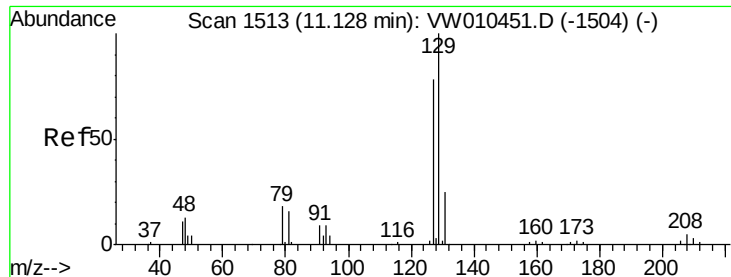
Tgt Ion: 43 Resp: 149

Ion Ratio Lower Upper

43 100

58 0.0 28.9 86.8#

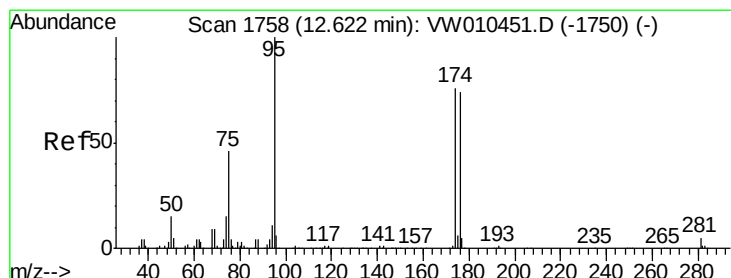
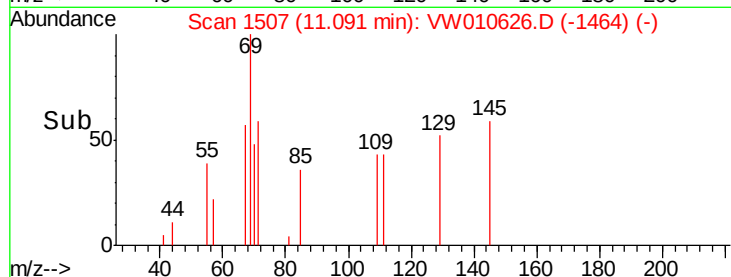
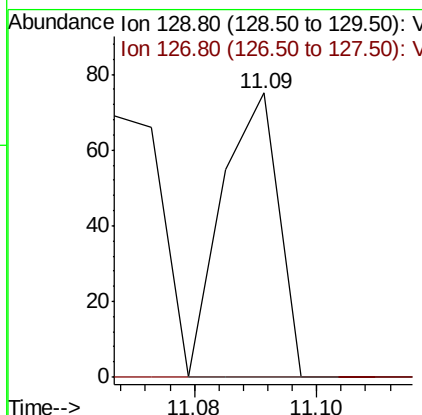
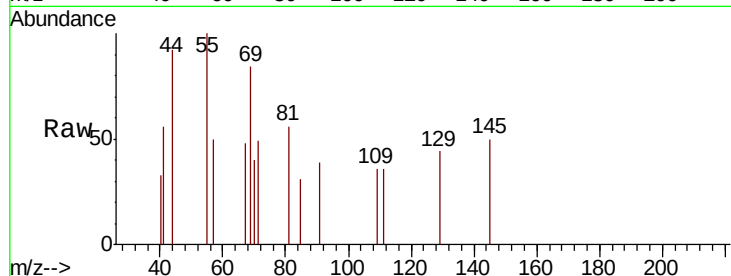




#60
 Dibromochloromethane
 Concen: 1.011 ug/l
 RT: 11.09 min Scan# 1507
 Delta R.T. -0.04 min
 Lab File: VW010626.D
 Acq: 30 May 2019 20:34

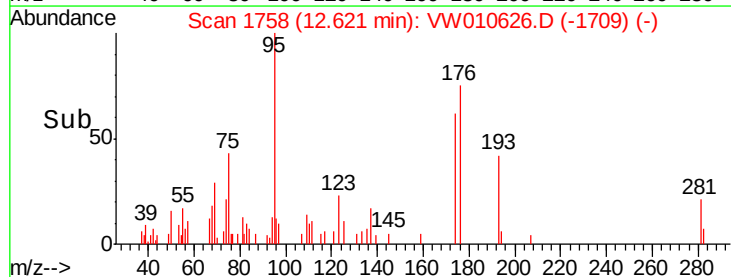
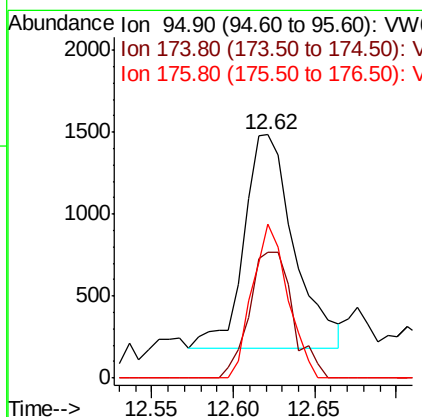
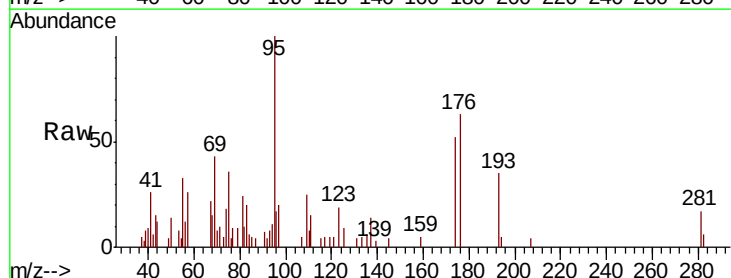
Instrument :
 MSVOA_W
 ClientSampleId :
 0435-HR-15(HACKENSACK)

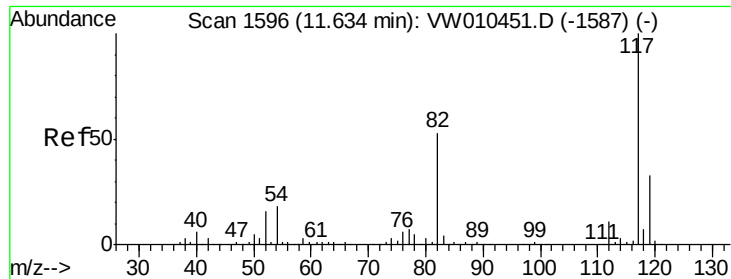
Tot Ion:129 Resp: 48
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.7#



#62
 4-Bromofluorobenzene
 Concen: 41.645 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010626.D
 Acq: 30 May 2019 20:34

Tgt Ion: 95 Resp: 2790
 Ion Ratio Lower Upper
 95 100
 174 51.2 0.0 148.6
 176 50.8 0.0 144.2

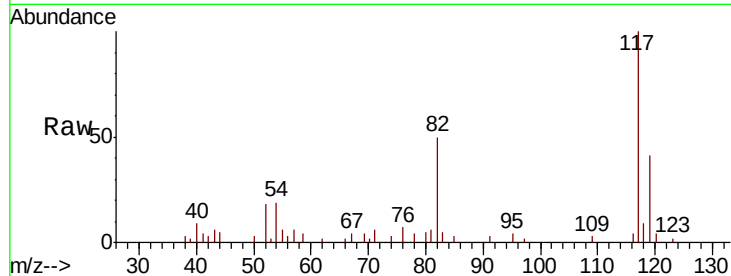




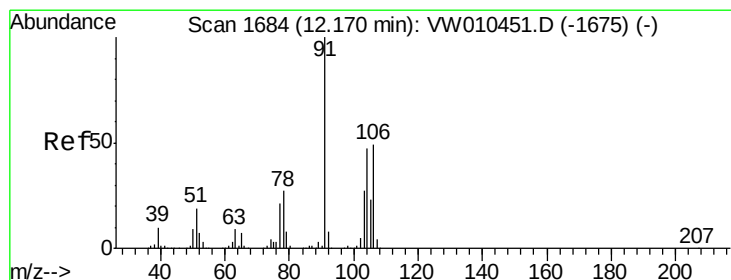
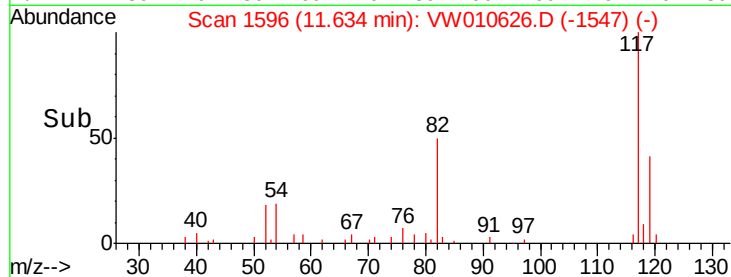
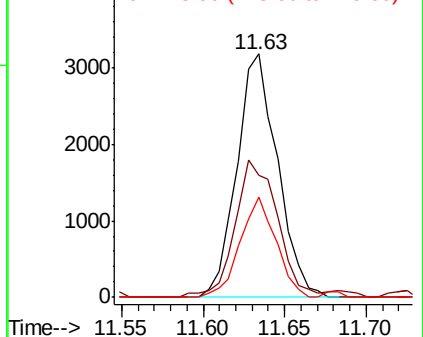
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

Instrument :
MSVOA_W
ClientSampleId :
0435-HR-15(HACKENSACK)

Tot Ion:117 Resp: 5502
Ion Ratio Lower Upper
117 100
82 48.4 42.8 64.2
119 41.2 26.3 39.5#

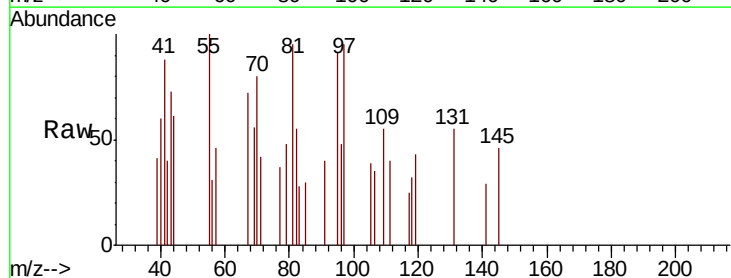


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

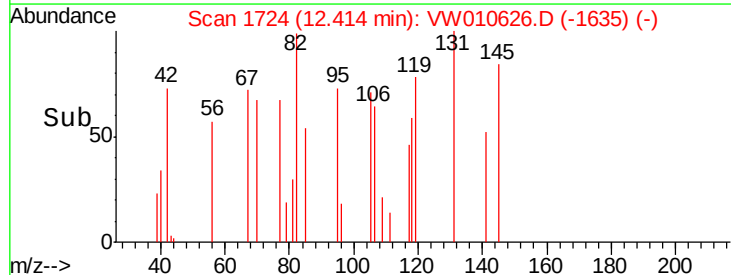
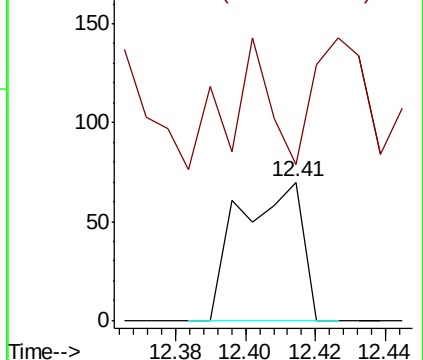


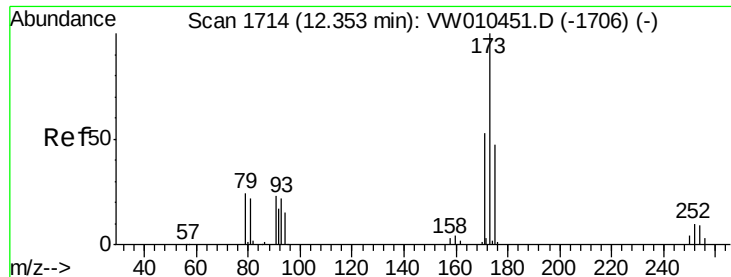
#69
o-Xylene
Concen: 1.131 ug/l
RT: 12.41 min Scan# 1724
Delta R.T. 0.24 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

Tgt Ion:106 Resp: 87
Ion Ratio Lower Upper
106 100
91 73.6 103.2 309.4#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#71

Bromoform

Concen: 1.167 ug/l

RT: 12.30 min Scan# 1706

Delta R.T. -0.05 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

0435-HR-15(HACKENSACK)

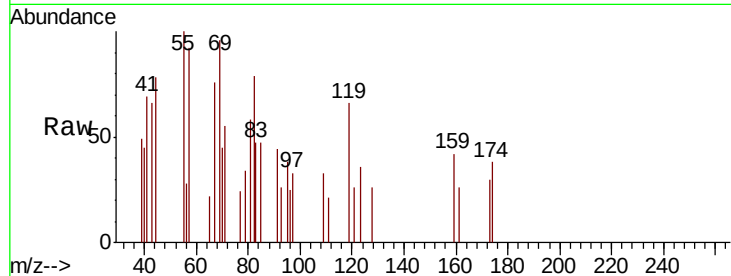
Tot Ion:173 Resp: 27

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.4#

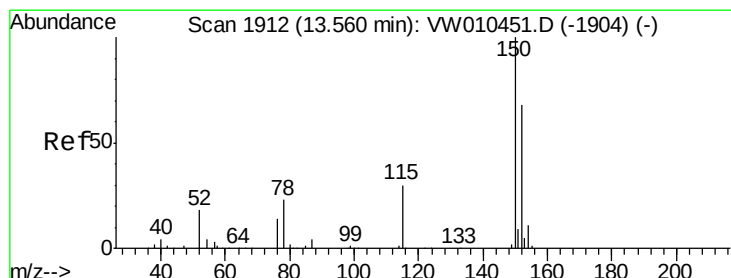
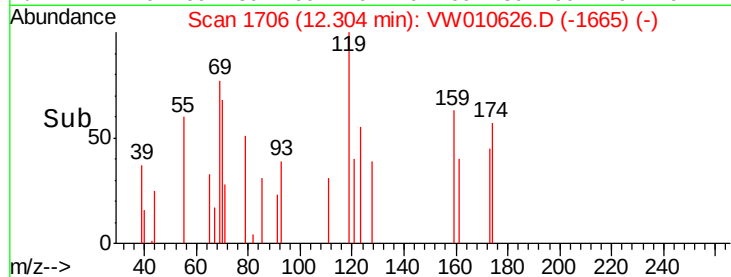
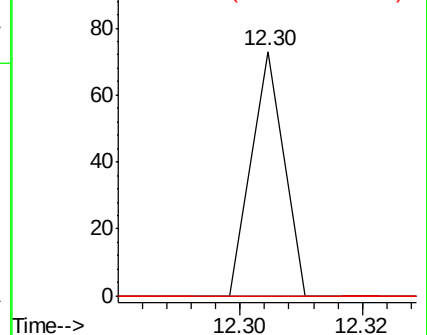
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VW010626.D

Acq: 30 May 2019 20:34

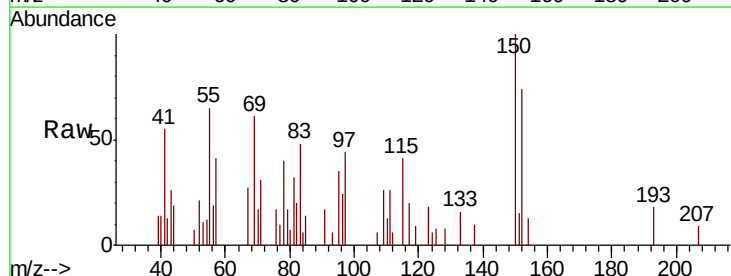
Tgt Ion:152 Resp: 1150

Ion Ratio Lower Upper

152 100

115 61.3 30.3 91.0

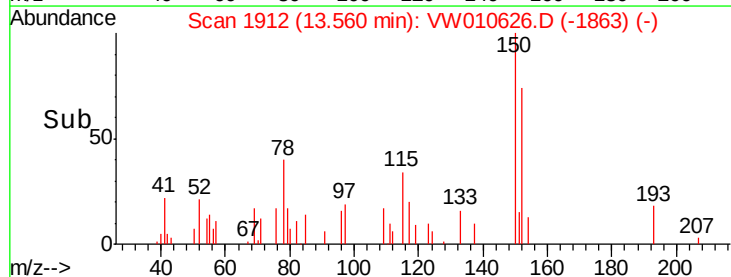
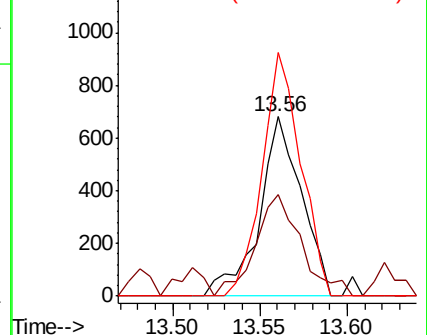
150 123.7 0.0 349.8

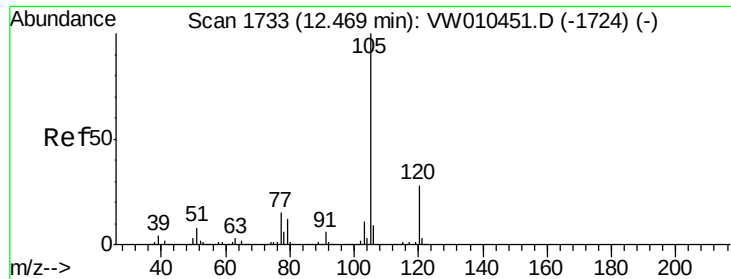


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.786 ug/l

RT: 12.46 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

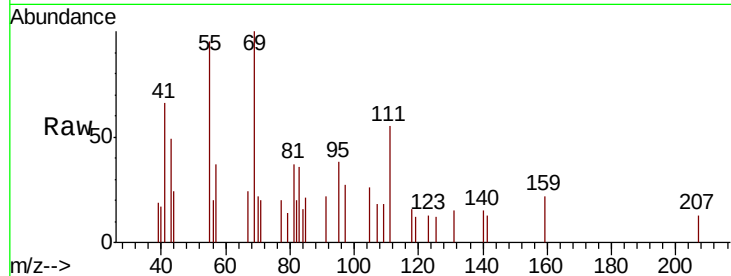
0435-HR-15(HACKENSACK)

Tot Ion:105 Resp: 163

Ion Ratio Lower Upper

105 100

120 0.0 13.9 41.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

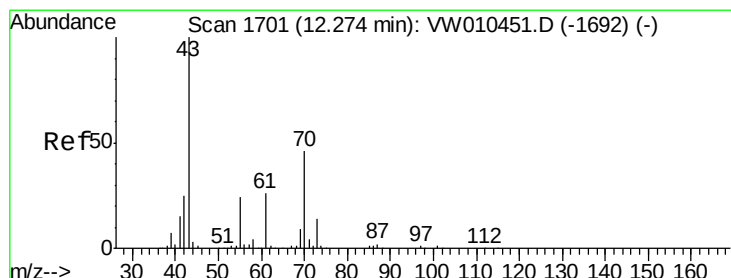
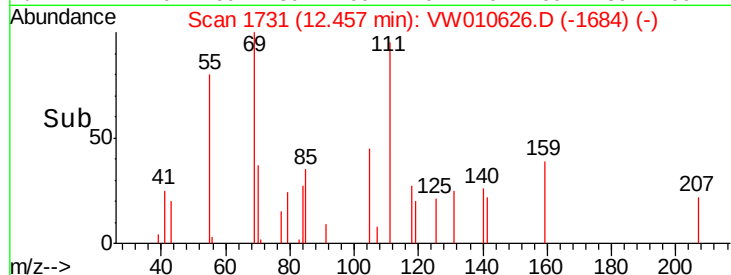
12.46

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 2.582 ug/l

RT: 12.29 min Scan# 1704

Delta R.T. 0.02 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Tgt Ion: 43 Resp: 54

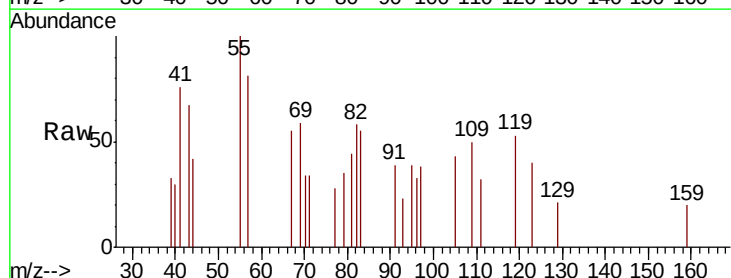
Ion Ratio Lower Upper

43 100

70 348.1 37.1 55.7#

55 357.4 19.6 29.4#

61 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

400

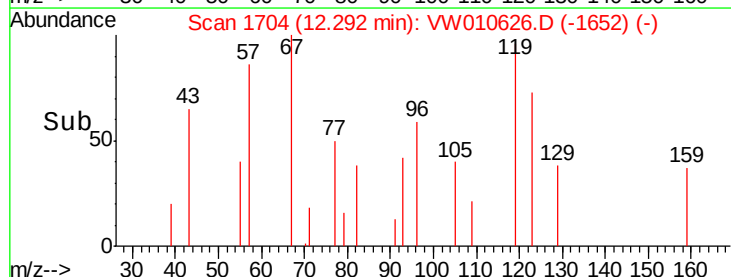
300

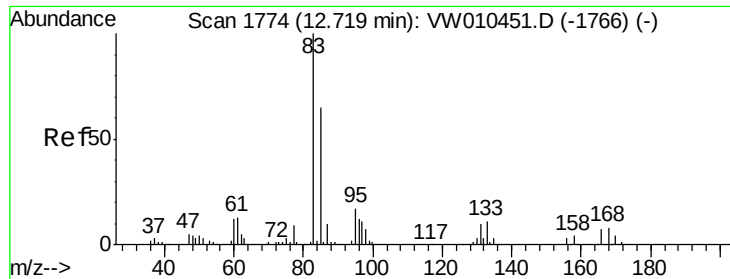
200

100

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.904 ug/l

RT: 12.73 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

0435-HR-15(HACKENSACK)

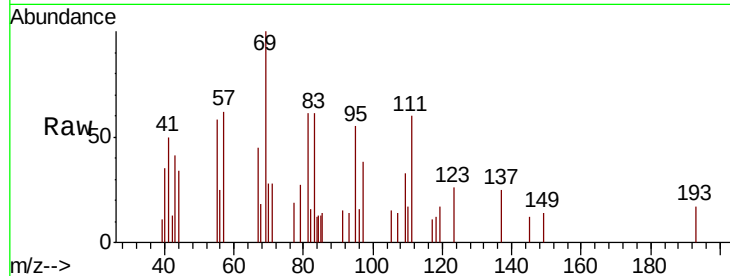
Tot Ion: 83 Resp: 98

Ion Ratio Lower Upper

83 100

131 23.5 5.6 16.8#

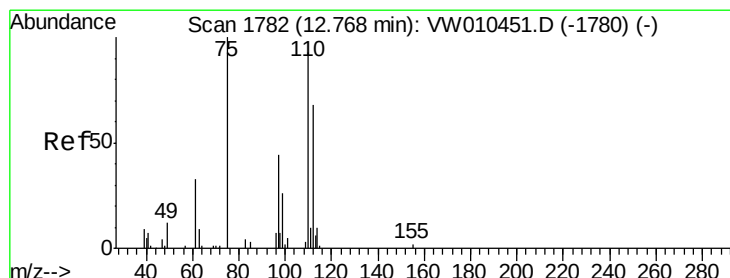
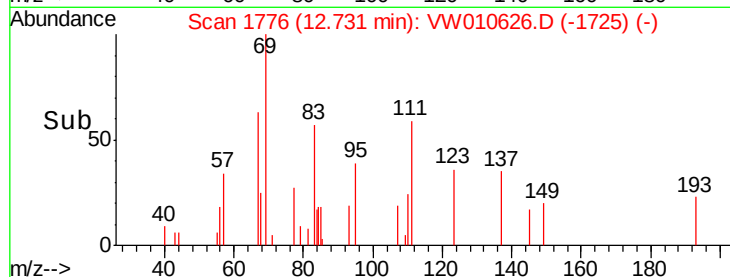
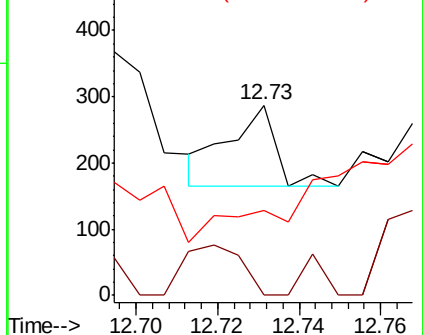
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 82.668 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010626.D

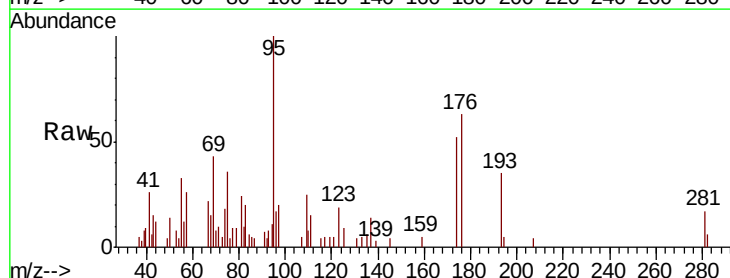
Acq: 30 May 2019 20:34

Tgt Ion: 75 Resp: 965

Ion Ratio Lower Upper

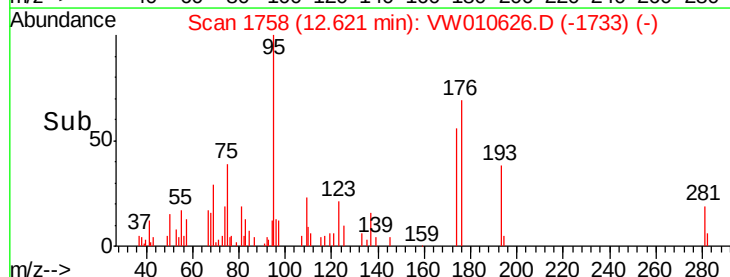
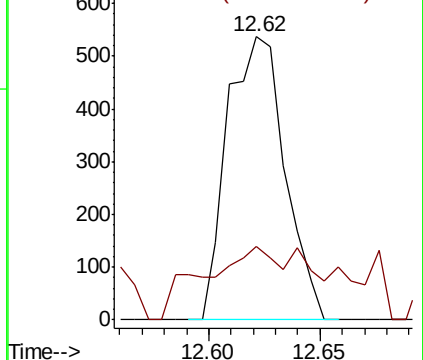
75 100

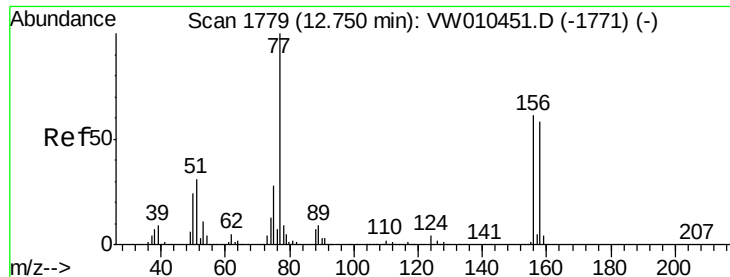
77 7.3 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 1.616 ug/l

RT: 12.82 min Scan# 1791

Delta R.T. 0.07 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

0435-HR-15(HACKENSACK)

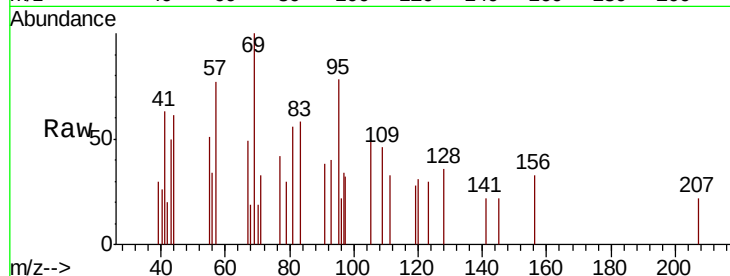
Tot Ion:156 Resp: 33

Ion Ratio Lower Upper

156 100

77 478.8 92.4 277.2#

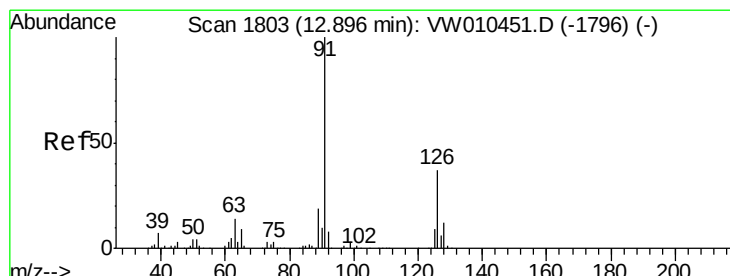
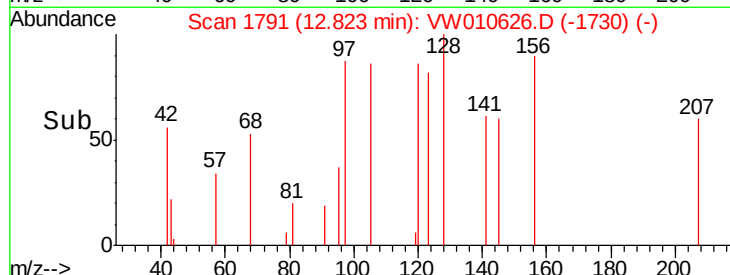
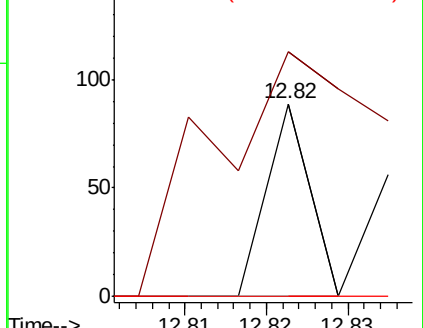
158 0.0 48.3 144.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: 4.816 ug/l

RT: 13.07 min Scan# 1832

Delta R.T. 0.18 min

Lab File: VW010626.D

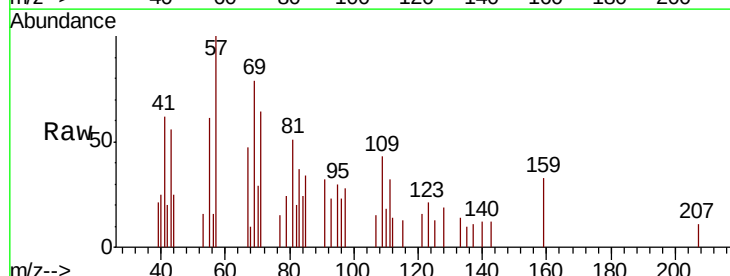
Acq: 30 May 2019 20:34

Tgt Ion: 91 Resp: 297

Ion Ratio Lower Upper

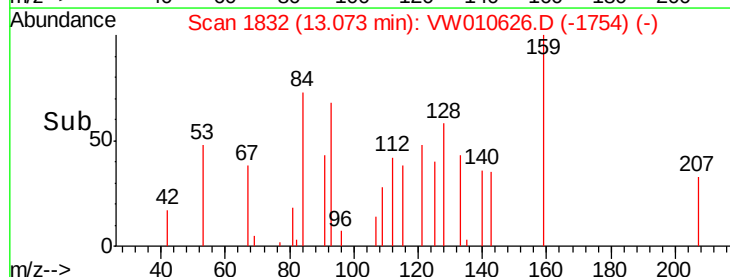
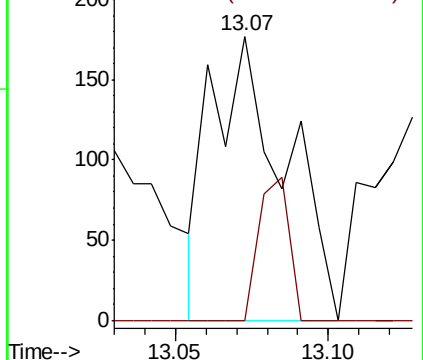
91 100

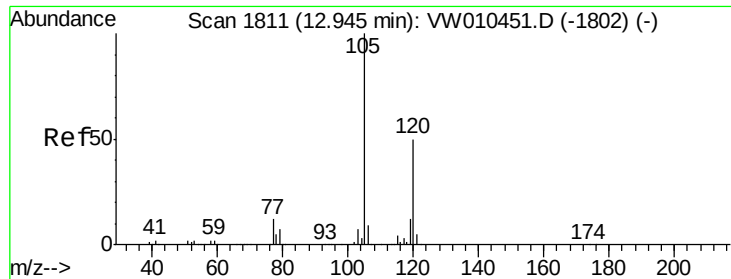
126 20.5 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

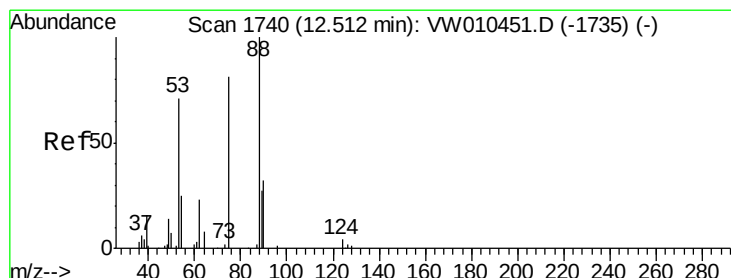
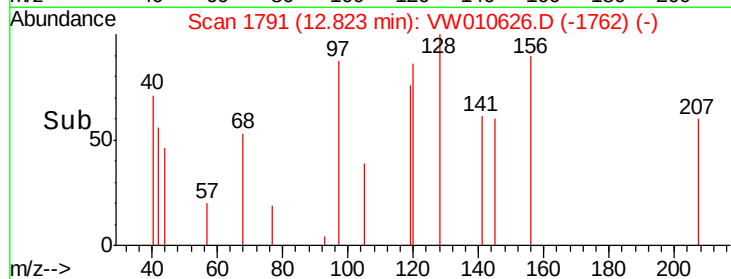
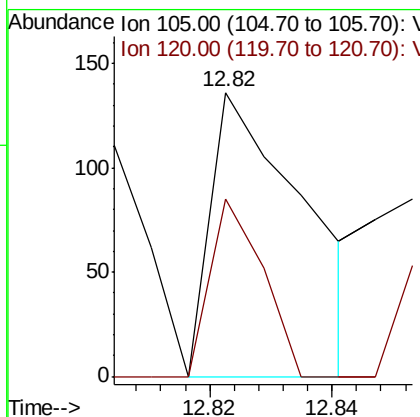
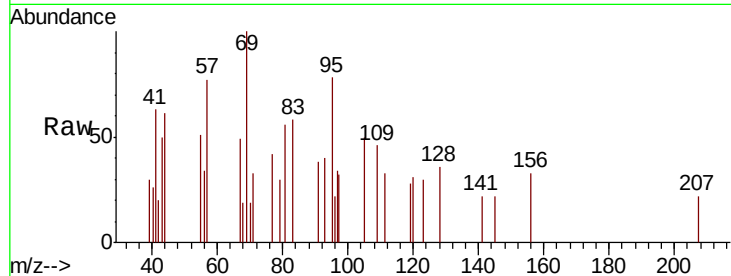




#80
 1,3,5-Trimethylbenzene
 Concen: 1.863 ug/l
 RT: 12.82 min Scan# 1791
 Delta R.T. -0.12 min
 Lab File: VW010626.D
 Acq: 30 May 2019 20:34

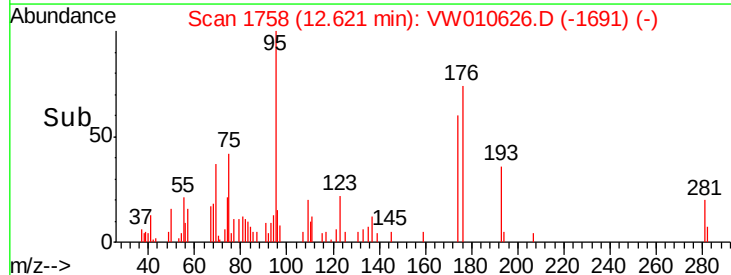
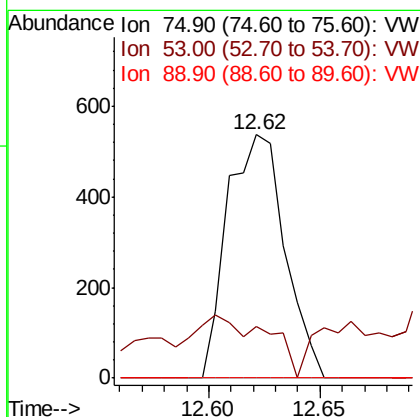
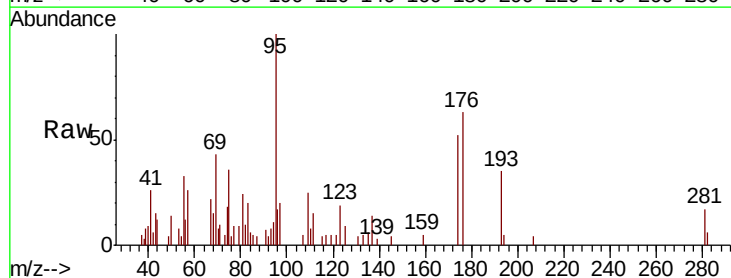
Instrument :
 MSVOA_W
 ClientSampleId :
 0435-HR-15(HACKENSACK)

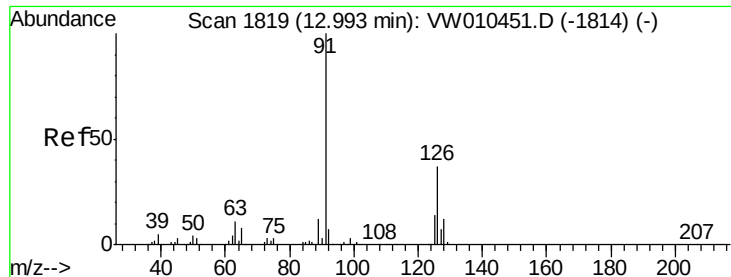
Tot Ion: 105 Resp: 144
 Ion Ratio Lower Upper
 105 100
 120 34.7 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 172.530 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010626.D
 Acq: 30 May 2019 20:34

Tgt Ion: 75 Resp: 965
 Ion Ratio Lower Upper
 75 100
 53 18.0 69.8 104.8#
 89 0.0 39.5 59.3#

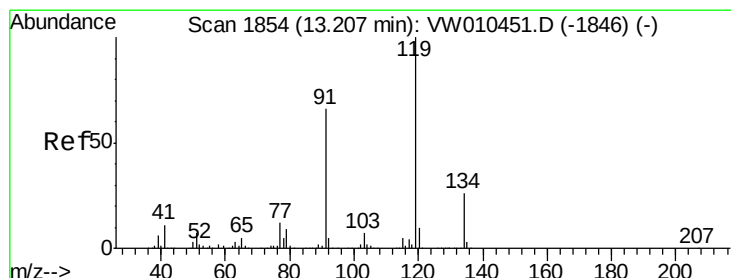
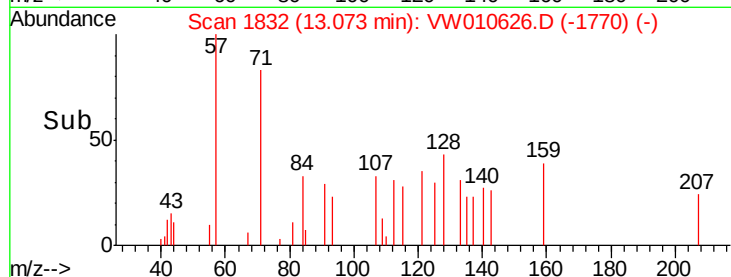
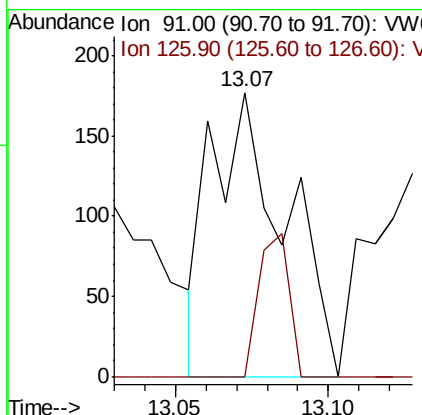
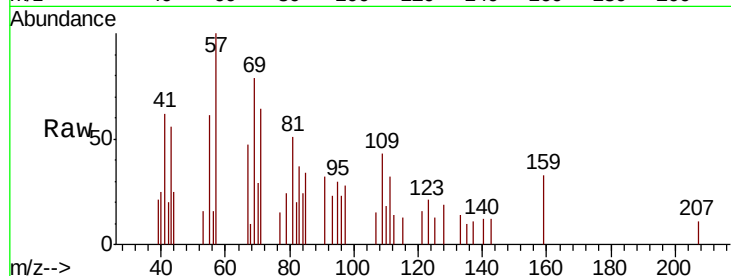




#82
4-Chlorotoluene
Concen: 4.640 ug/l
RT: 13.07 min Scan# 1832
Delta R.T. 0.08 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

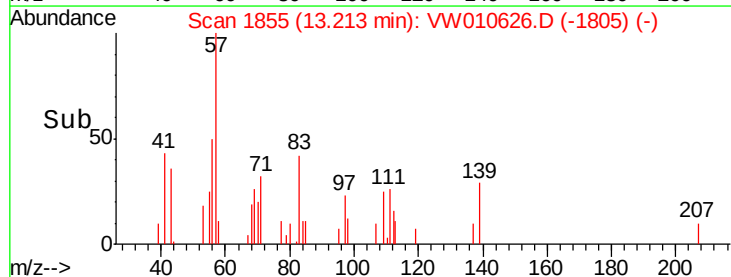
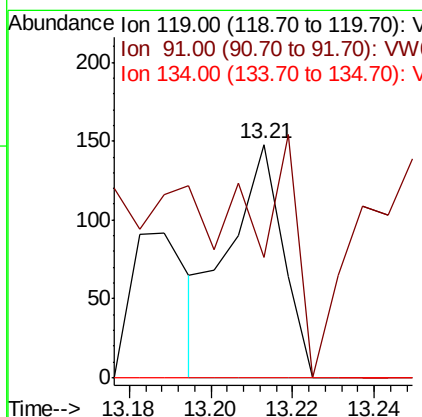
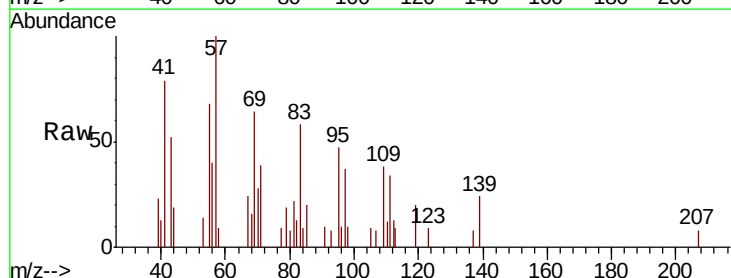
Instrument :
MSVOA_W
ClientSampleId :
0435-HR-15(HACKENSACK)

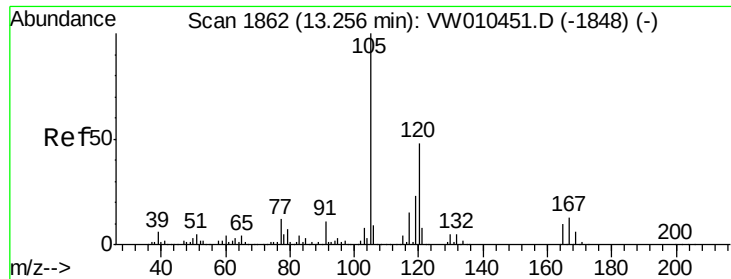
Tot Ion: 91 Resp: 297
Ion Ratio Lower Upper
91 100
126 20.5 17.5 52.6



#83
tert-Butylbenzene
Concen: 2.000 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

Tgt Ion: 119 Resp: 135
Ion Ratio Lower Upper
119 100
91 0.0 33.1 99.5#
134 0.0 13.9 41.6#





#84

1,2,4-Trimethylbenzene

Concen: 1.299 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

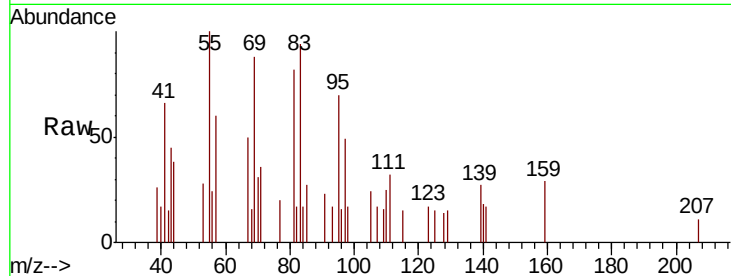
0435-HR-15(HACKENSACK)

Tot Ion:105 Resp: 100

Ion Ratio Lower Upper

105 100

120 0.0 23.4 70.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.26

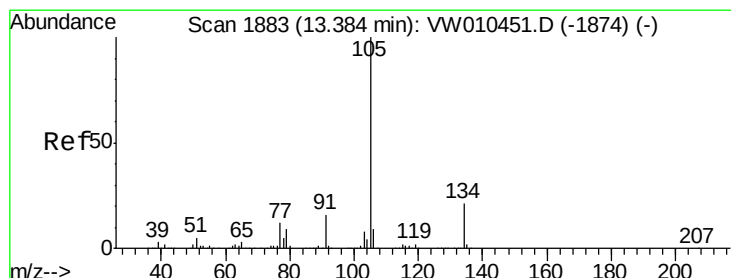
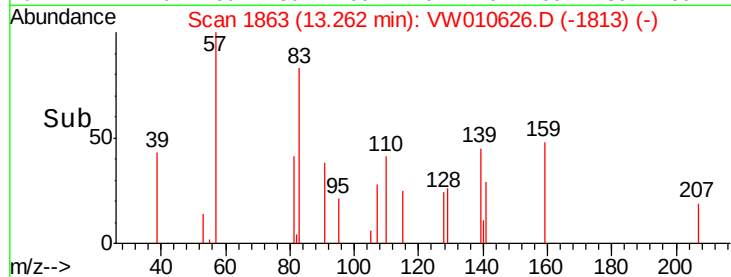
100

50

0

Time-->

13.24 13.26 13.28



#85

sec-Butylbenzene

Concen: 3.578 ug/l

RT: 13.46 min Scan# 1895

Delta R.T. 0.07 min

Lab File: VW010626.D

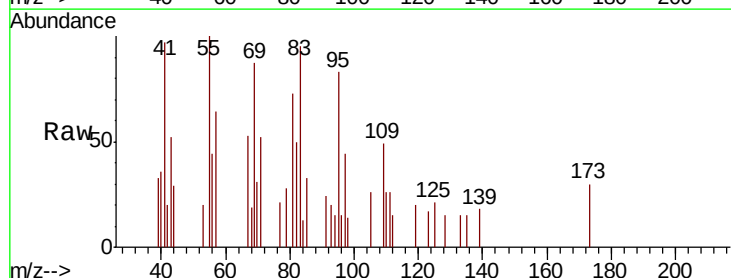
Acq: 30 May 2019 20:34

Tgt Ion:105 Resp: 338

Ion Ratio Lower Upper

105 100

134 16.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.46

150

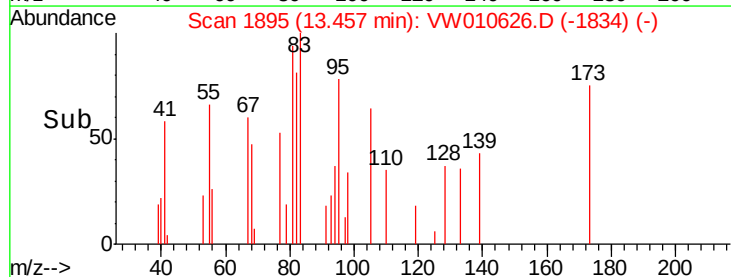
100

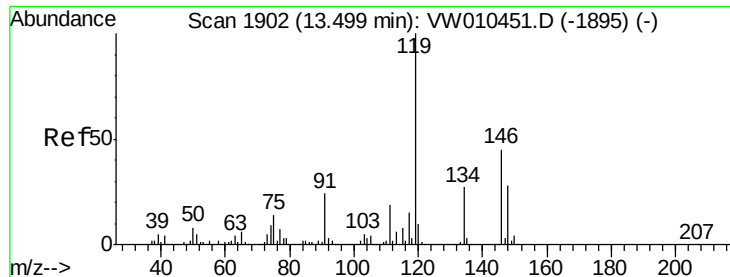
50

0

Time-->

13.40 13.45

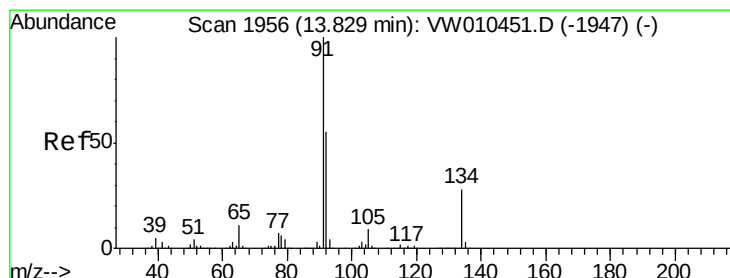
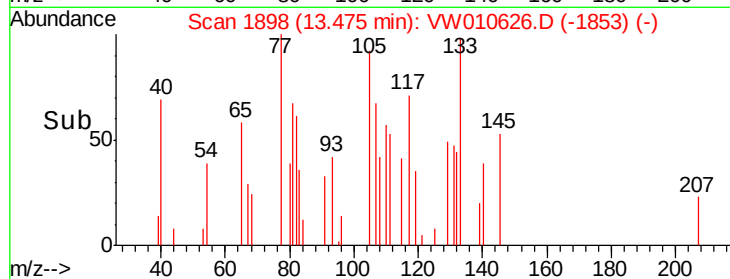
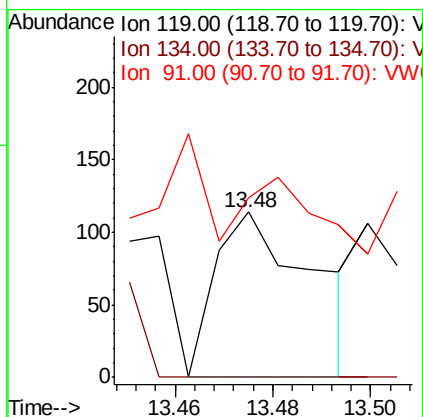
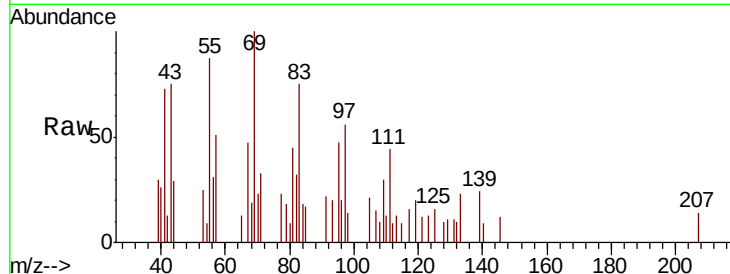




#86
p-Isopropyltoluene
Concen: 1.824 ug/l
RT: 13.48 min Scan# 1898
Delta R.T. -0.02 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

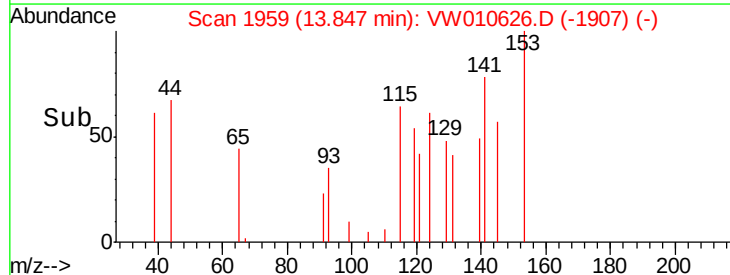
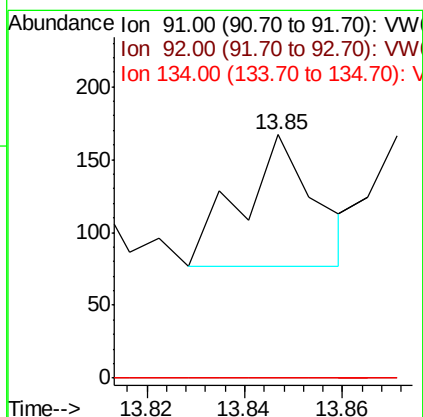
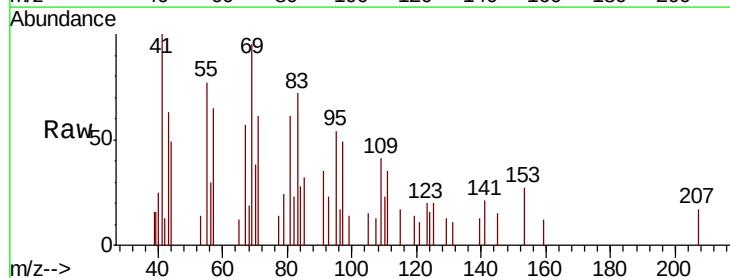
Instrument :
MSVOA_W
ClientSampleId :
0435-HR-15(HACKENSACK)

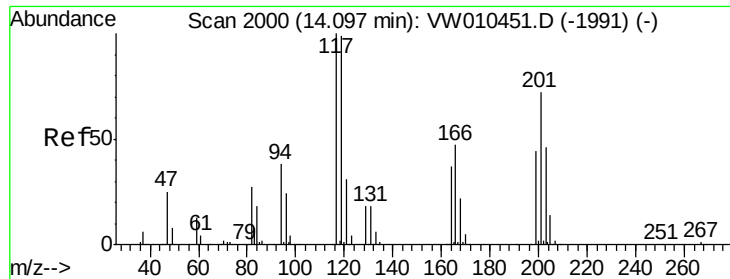
Tot Ion: 119 Resp: 156
Ion Ratio Lower Upper
119 100
134 0.0 13.6 40.7#
91 0.0 11.9 35.7#



#89
n-Butylbenzene
Concen: 1.156 ug/l
RT: 13.85 min Scan# 1959
Delta R.T. 0.02 min
Lab File: VW010626.D
Acq: 30 May 2019 20:34

Tgt Ion: 91 Resp: 94
Ion Ratio Lower Upper
91 100
92 0.0 27.7 83.1#
134 0.0 13.9 41.6#





#90

Hexachloroethane

Concen: 7.189 ug/l

RT: 14.05 min Scan# 1993

Delta R.T. -0.04 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA_W

ClientSampleId :

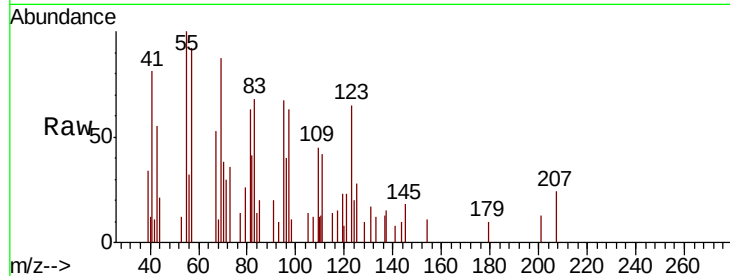
0435-HR-15(HACKENSACK)

Tot Ion:117 Resp: 119

Ion Ratio Lower Upper

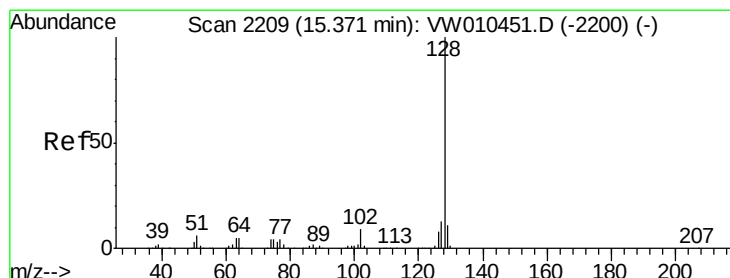
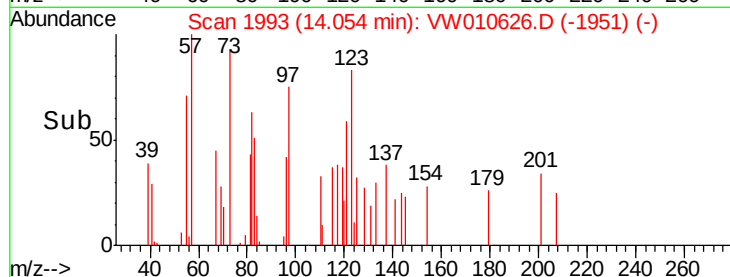
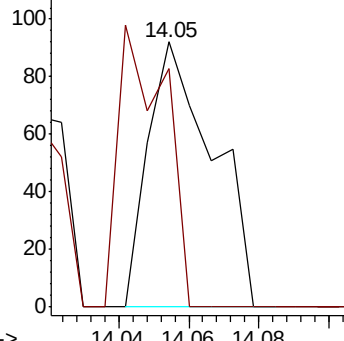
117 100

201 76.5 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.266 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010626.D

Acq: 30 May 2019 20:34

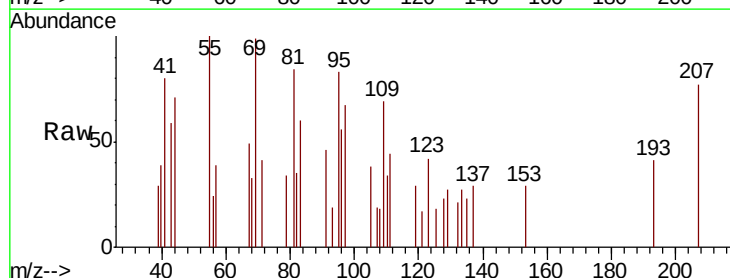
Tgt Ion:128 Resp: 66

Ion Ratio Lower Upper

128 100

127 28.8 10.6 15.8#

129 222.7 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

