

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

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 2313     | 44.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.92%  |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 1769     | 40.18 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 80.36%  |      |
| 50) Toluene-d8            | 10.32  | 98  | 8749     | 52.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.04% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 2790     | 41.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 83.28%  |      |

## Target Compounds

|                                |       |     |      |         |        | 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      |

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)

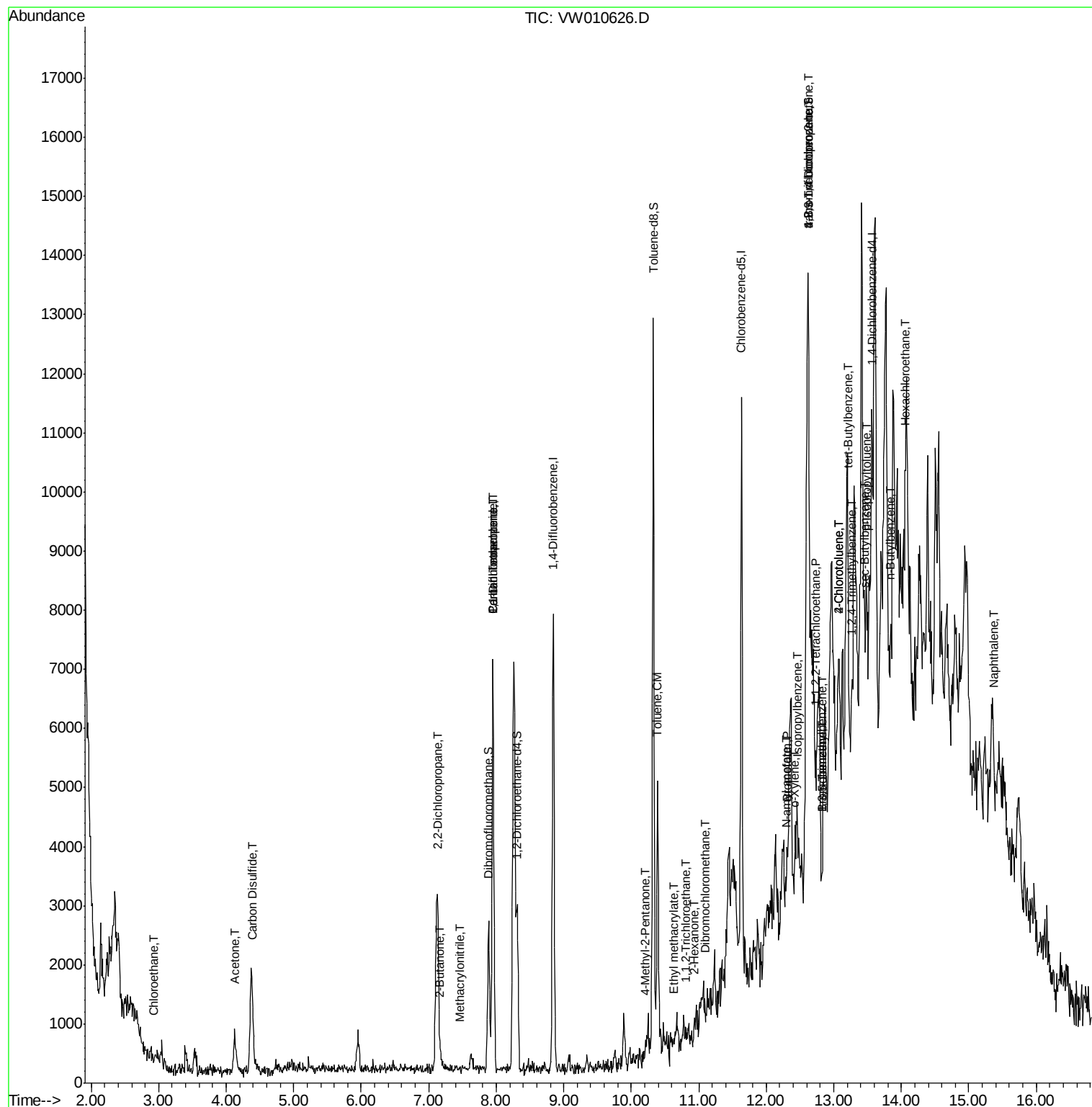
Quant Time: May 31 07:46:50 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 21 06:38:43 2019  
Response via : Initial Calibration

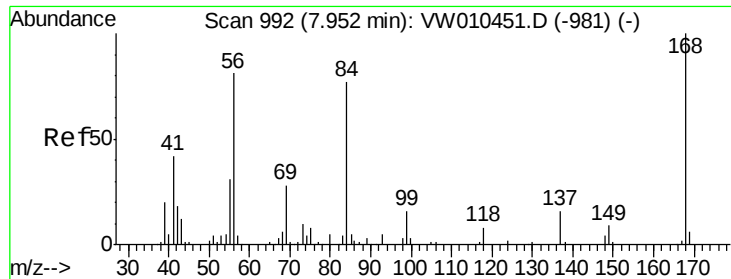
| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

Data Path : Z:\V0ASRV\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:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
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: VW010626.D

Acq: 30 May 2019 20:34

Instrument :

MSVOA\_W

ClientSampleId :

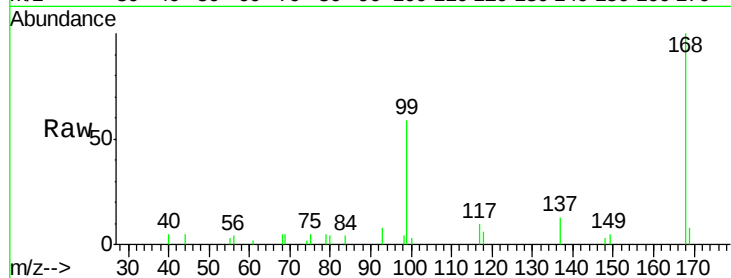
0435-HR-15(HACKENSACK)

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

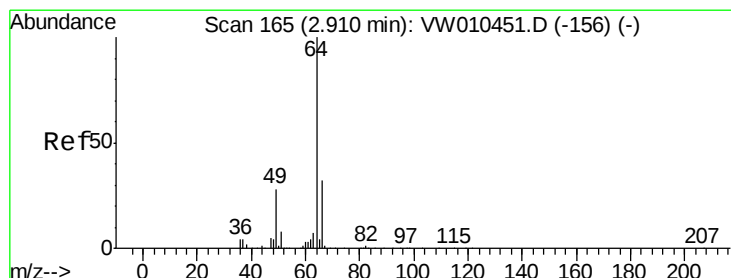
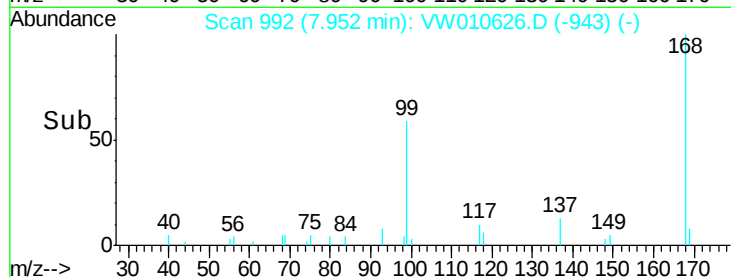
1000

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

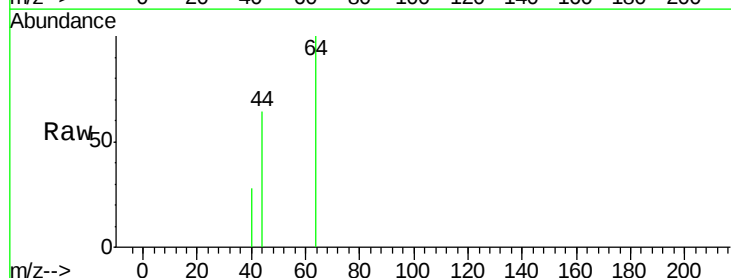
Acq: 30 May 2019 20:34

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

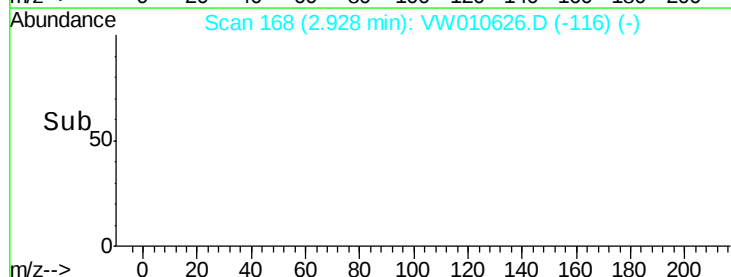
100

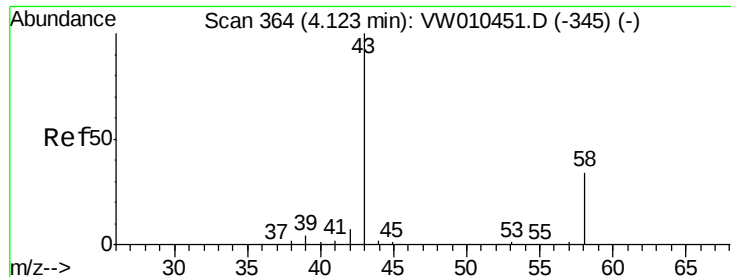
50

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 :

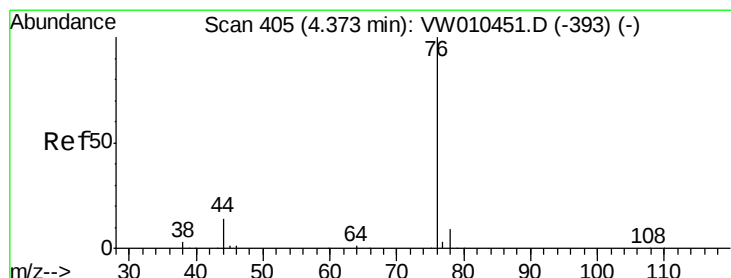
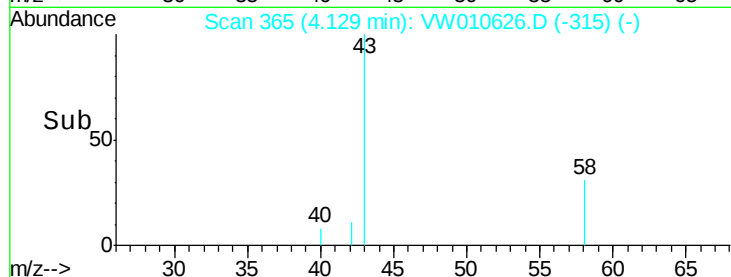
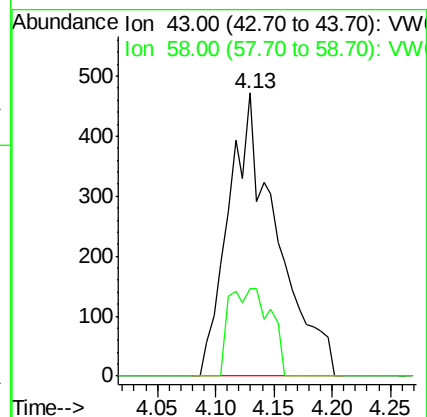
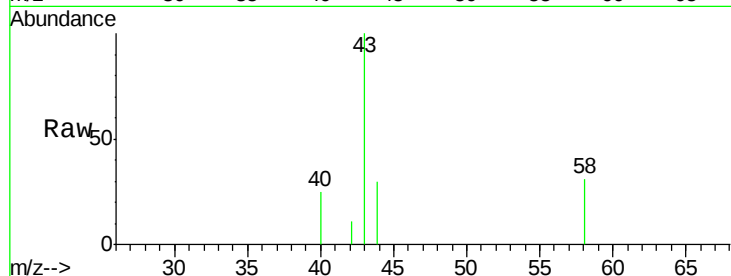
0435-HR-15(HACKENSACK)

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

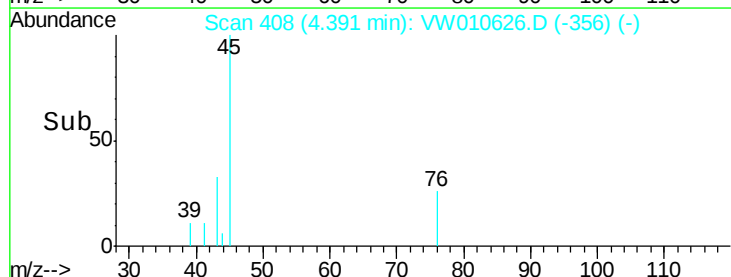
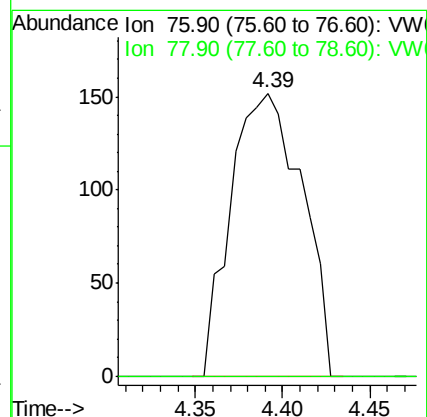
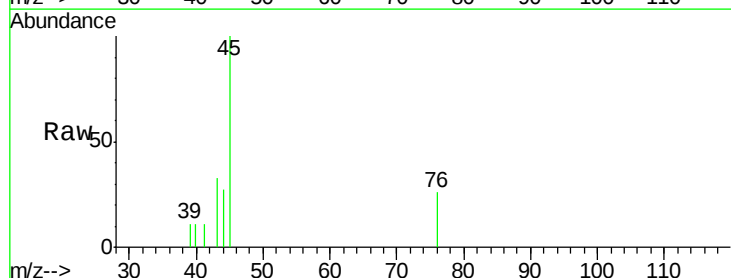
Acq: 30 May 2019 20:34

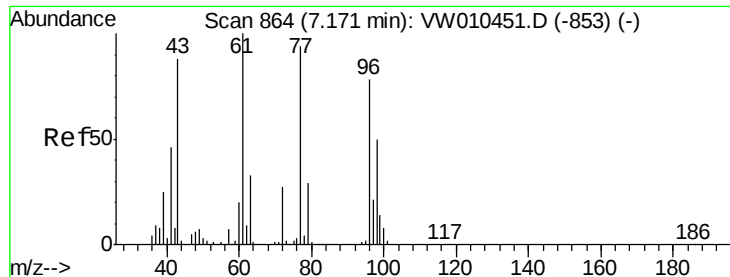
Tgt Ion: 76 Resp: 431

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 :

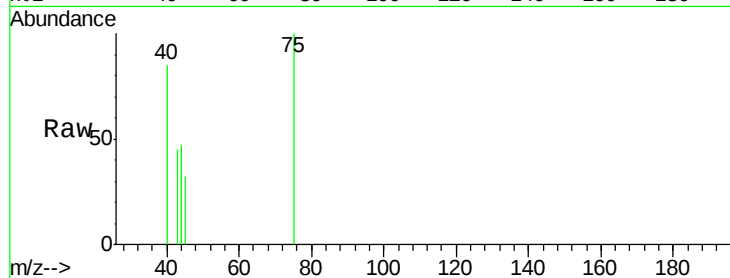
0435-HR-15(HACKENSACK)

Tot Ion: 43 Resp: 71

Ion Ratio Lower Upper

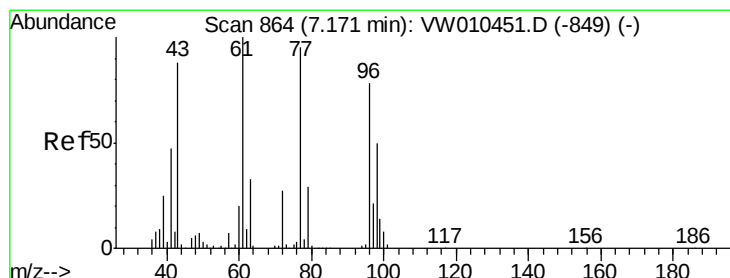
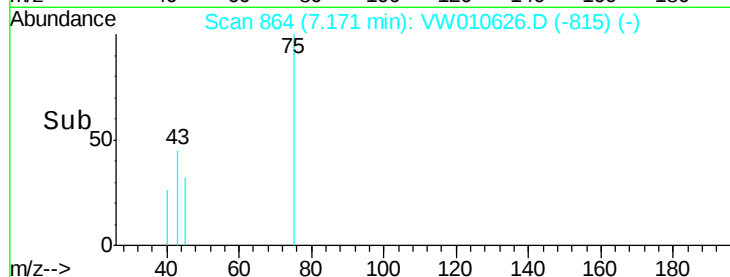
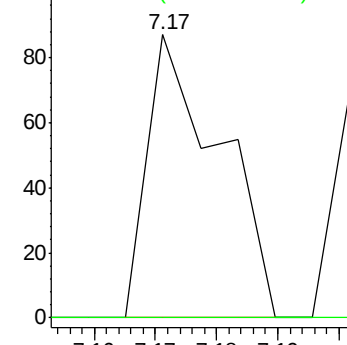
43 100

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

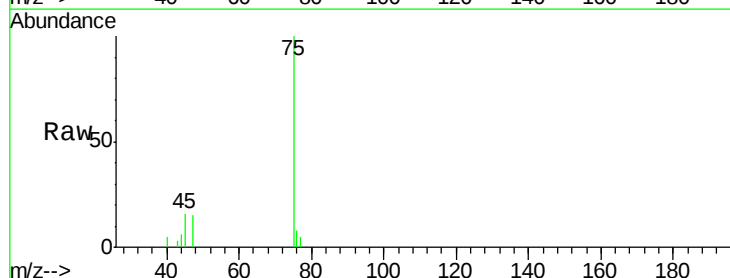
Acq: 30 May 2019 20:34

Tgt Ion: 77 Resp: 233

Ion Ratio Lower Upper

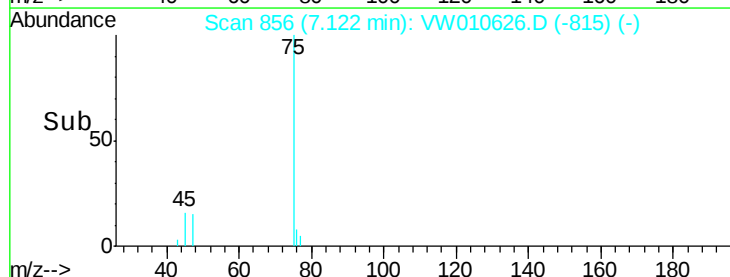
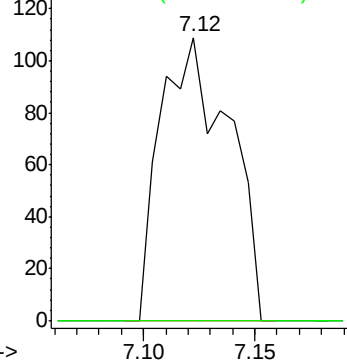
77 100

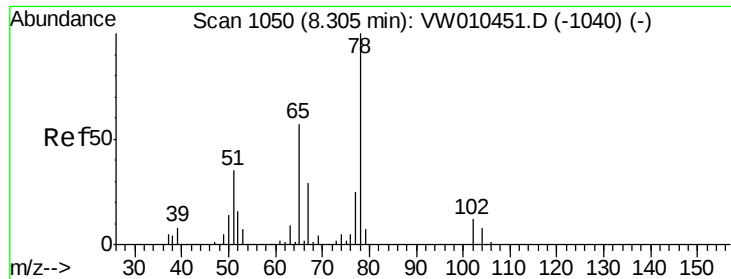
97 0.0 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

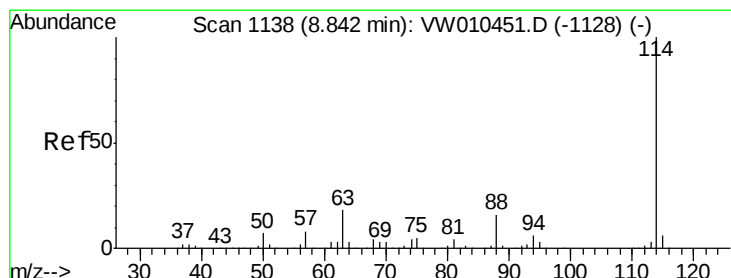
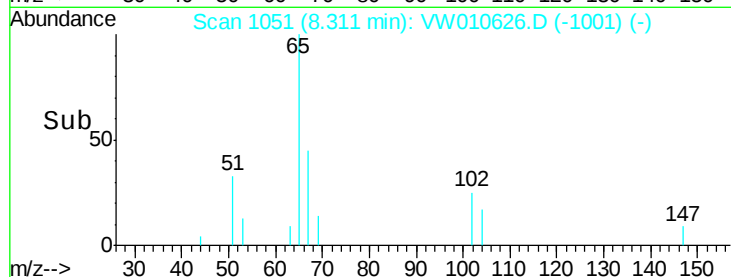
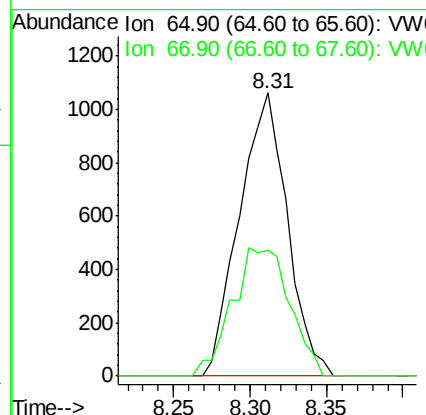
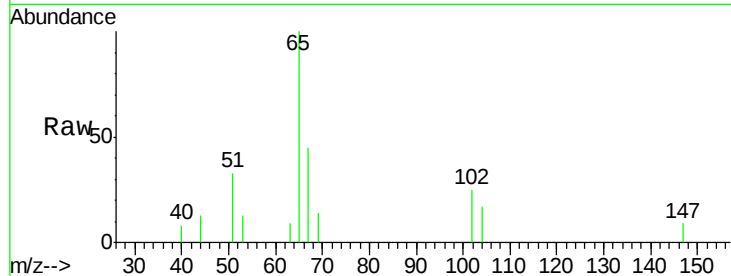




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.462 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.01 min  
 Lab File: VW010626.D  
 Acq: 30 May 2019 20:34

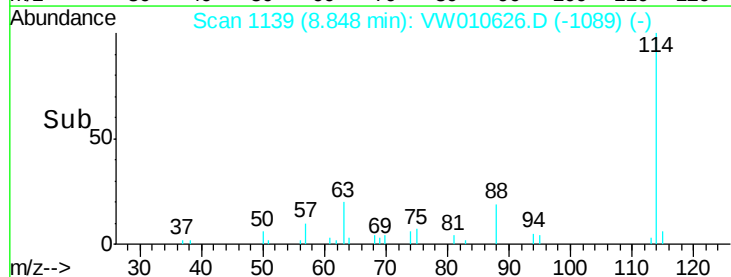
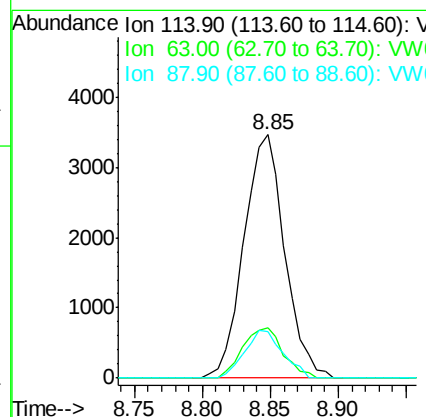
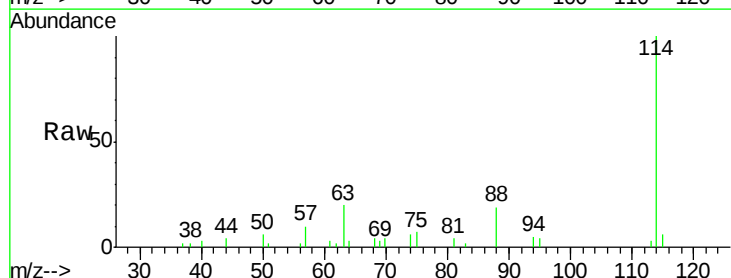
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 0435-HR-15(HACKENSACK)

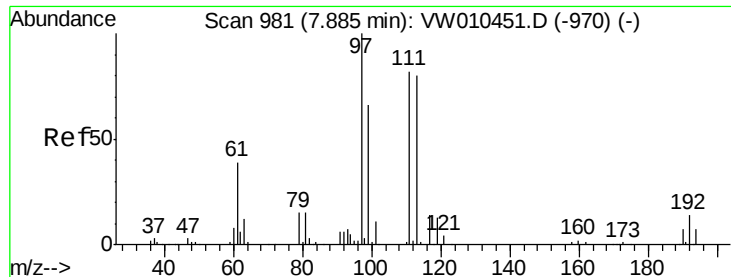
Tot Ion: 65 Resp: 2313  
 Ion Ratio Lower Upper  
 65 100  
 67 54.4 0.0 103.6



#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)

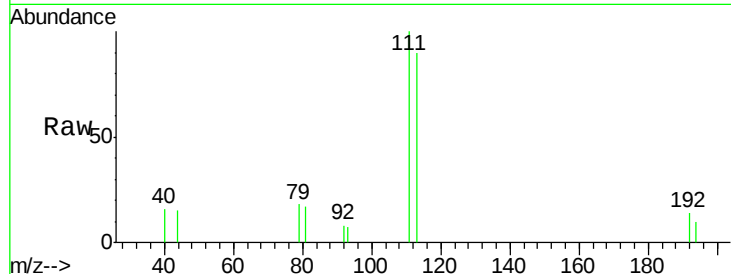
Tot Ion:113 Resp: 1769

Ion Ratio Lower Upper

113 100

111 117.1 82.2 123.4

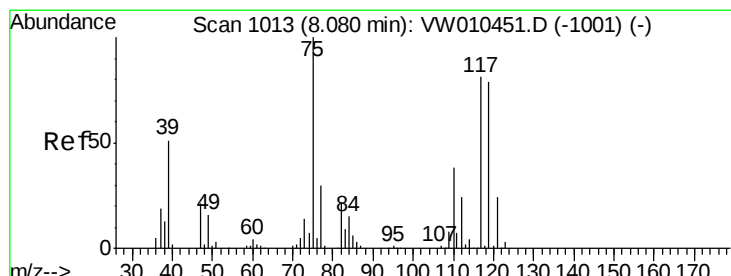
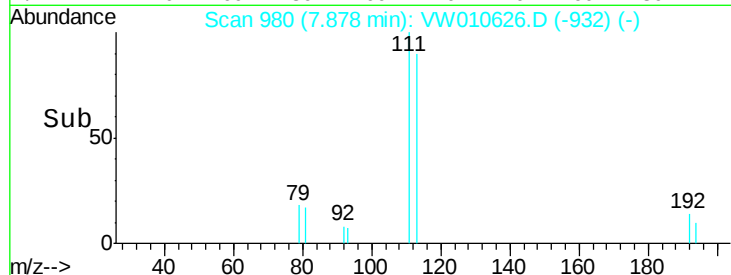
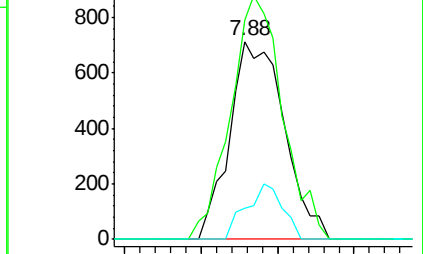
192 18.8 14.3 21.5



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

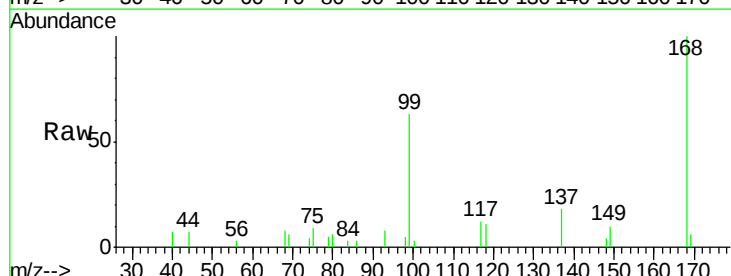
Tgt Ion: 75 Resp: 320

Ion Ratio Lower Upper

75 100

110 0.0 19.2 57.6#

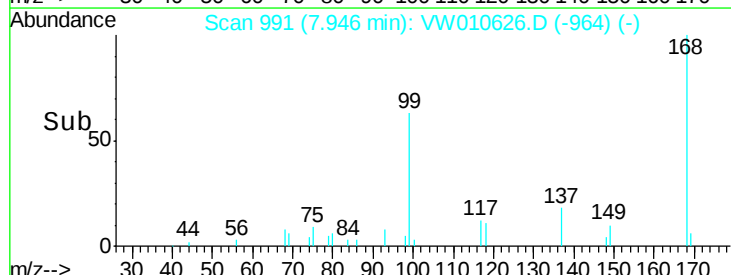
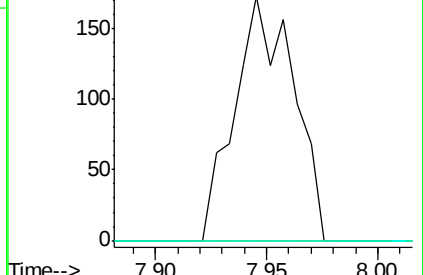
77 0.0 25.2 37.8#

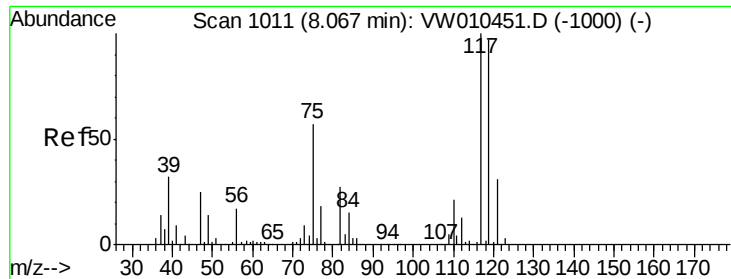


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

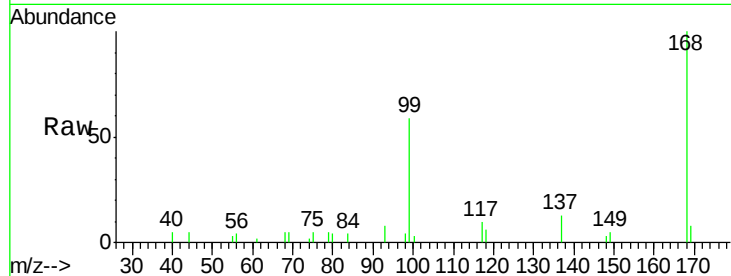




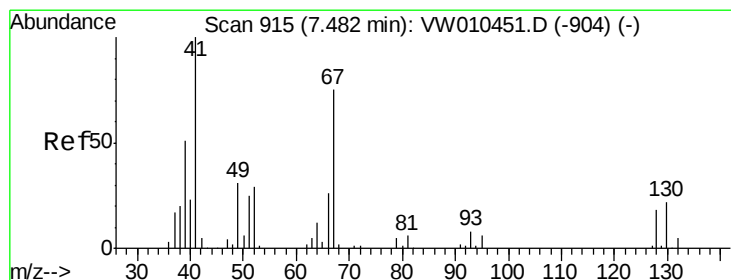
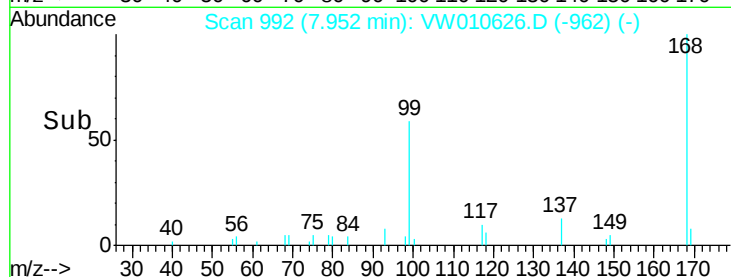
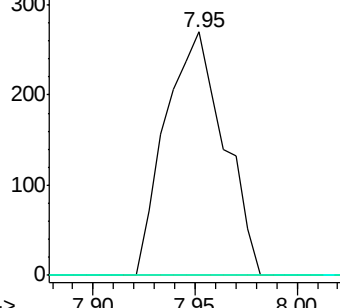
#38  
Carbon Tetrachloride  
Concen: 7.392 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.12 min  
Lab File: VW010626.D  
Acq: 30 May 2019 20:34

Instrument :  
MSVOA\_W  
ClientSampleId :  
0435-HR-15(HACKENSACK)

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#

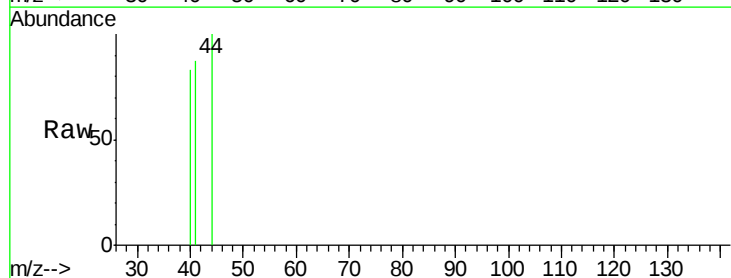


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

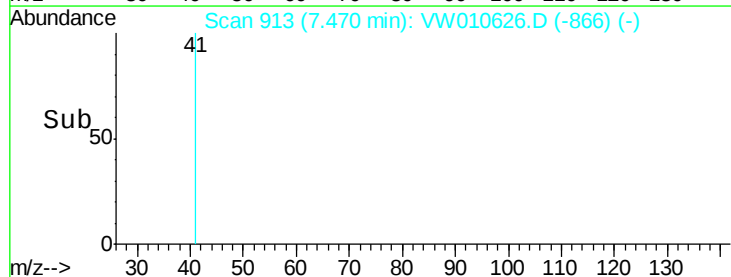
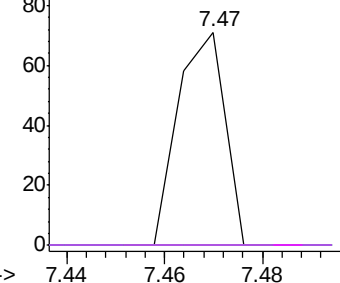


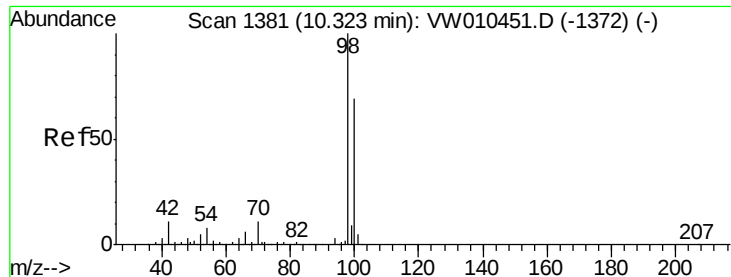
#41  
Methacrylonitrile  
Concen: 2.752 ug/l  
RT: 7.47 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: VW010626.D  
Acq: 30 May 2019 20:34

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





#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 :

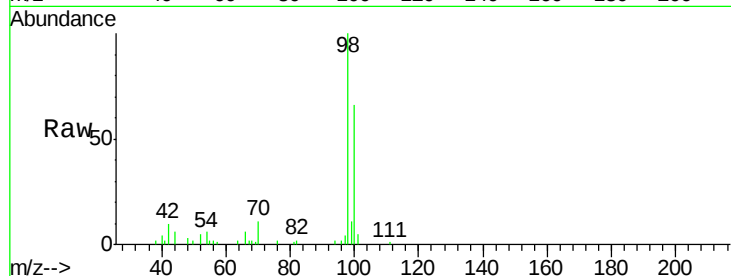
0435-HR-15(HACKENSACK)

Tot Ion: 98 Resp: 8749

Ion Ratio Lower Upper

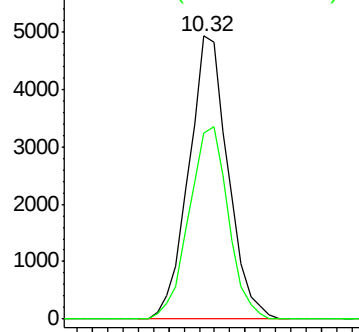
98 100

100 67.9 53.7 80.5

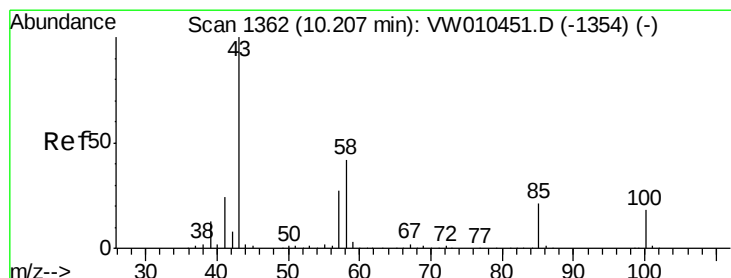
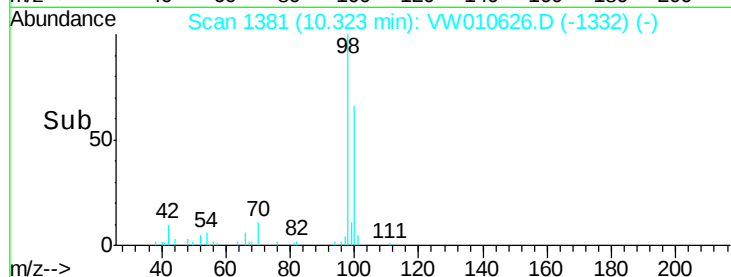


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#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

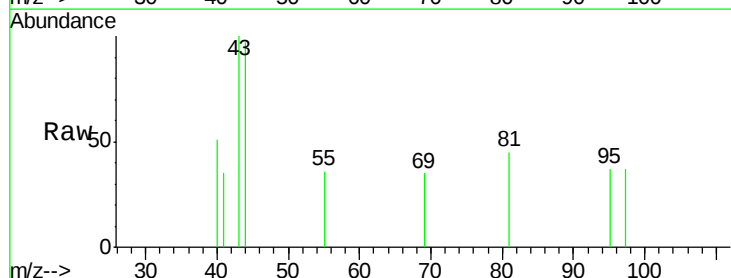
Acq: 30 May 2019 20:34

Tgt Ion: 43 Resp: 305

Ion Ratio Lower Upper

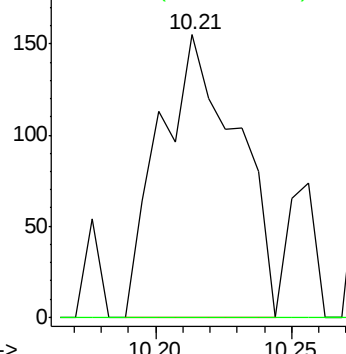
43 100

58 0.0 33.2 49.8#

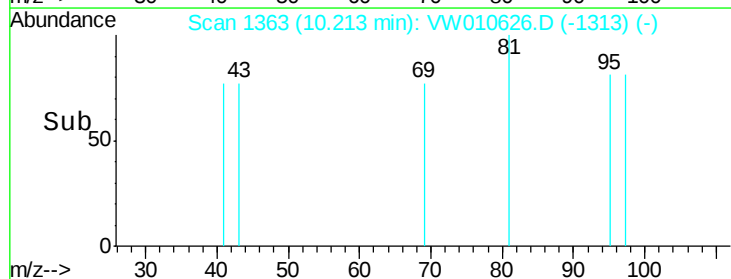


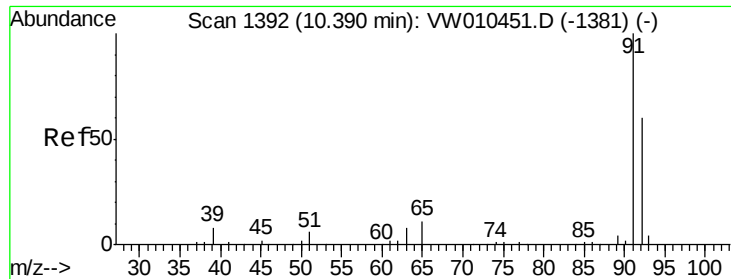
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->





#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 :

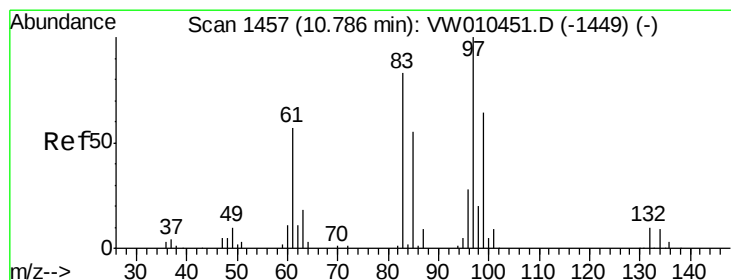
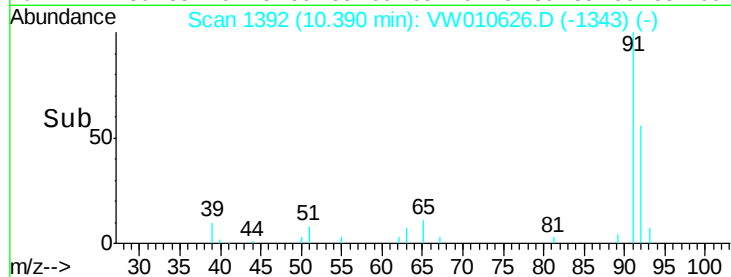
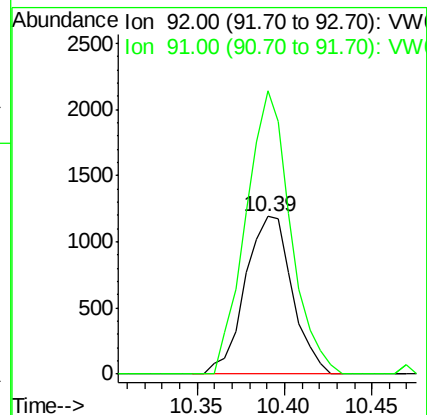
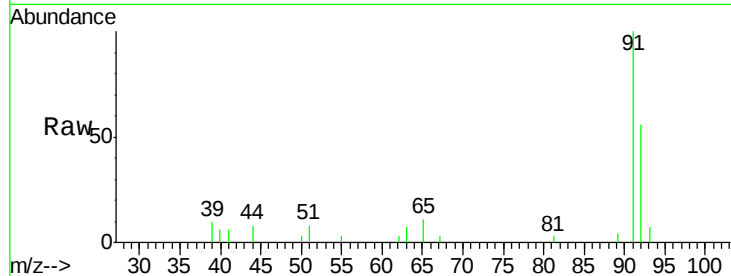
0435-HR-15(HACKENSACK)

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

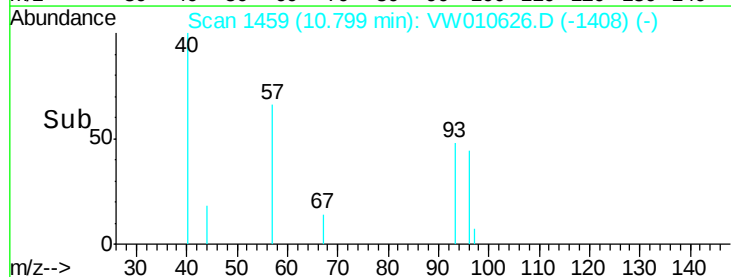
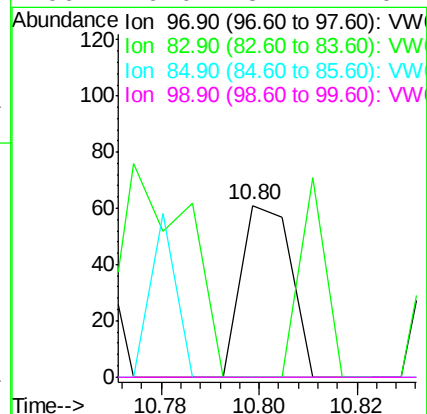
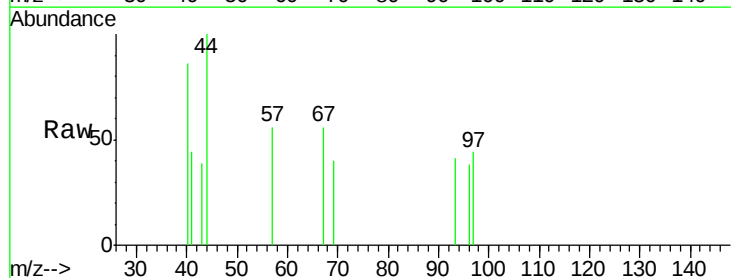
Ion Ratio Lower Upper

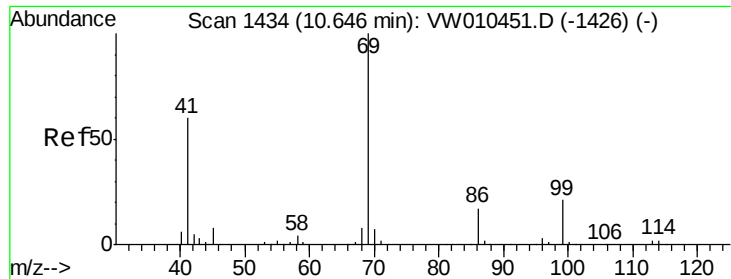
97 100

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)

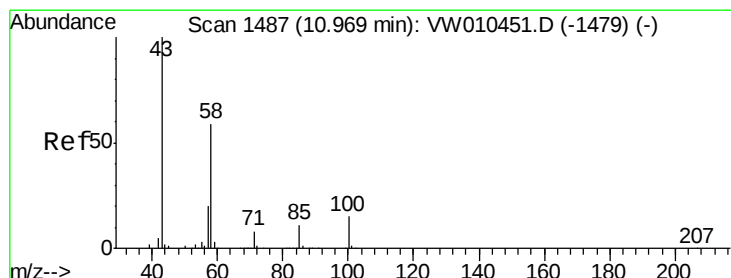
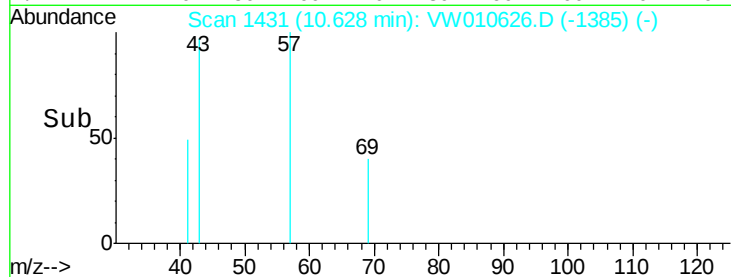
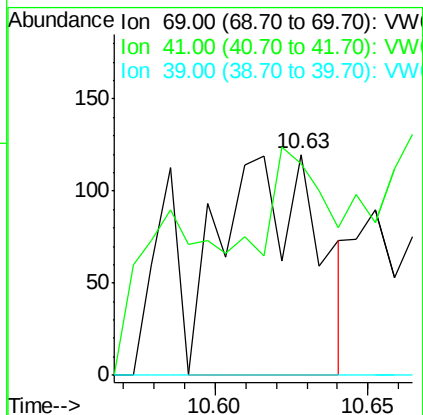
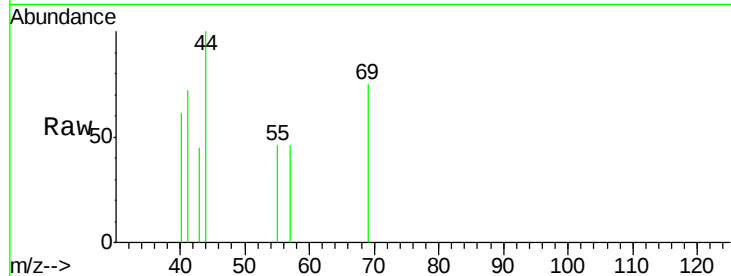
Tot Ion: 69 Resp: 257

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

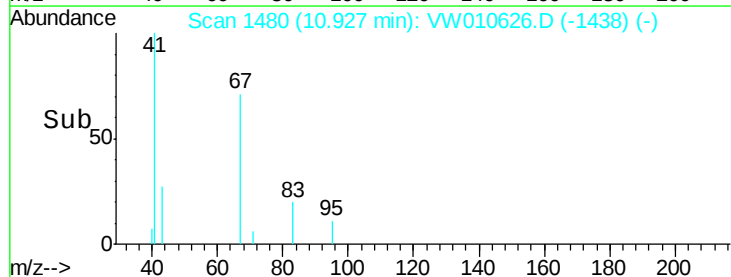
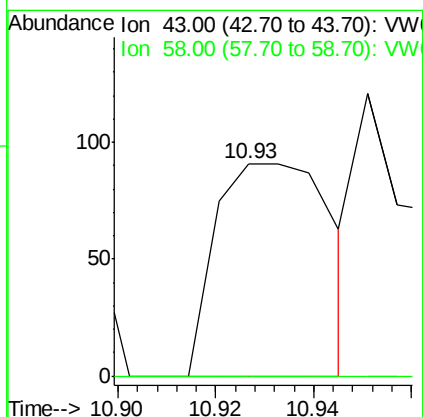
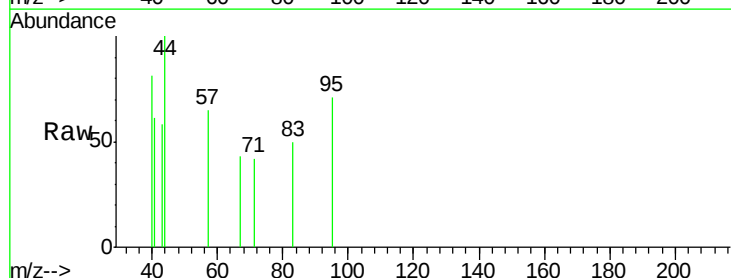
Acq: 30 May 2019 20:34

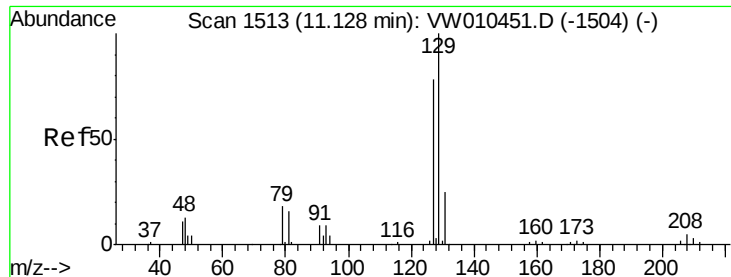
Tgt Ion: 43 Resp: 149

Ion Ratio Lower Upper

43 100

58 0.0 28.9 86.8#

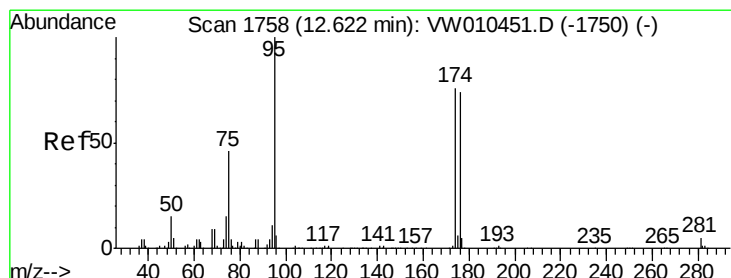
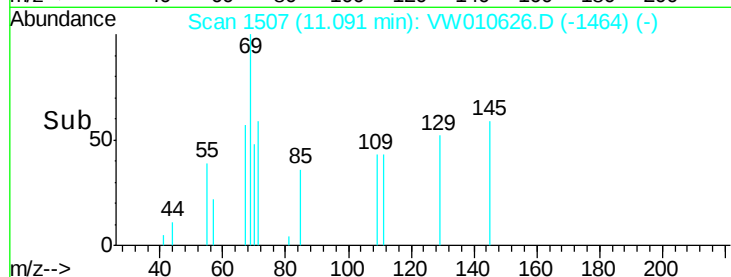
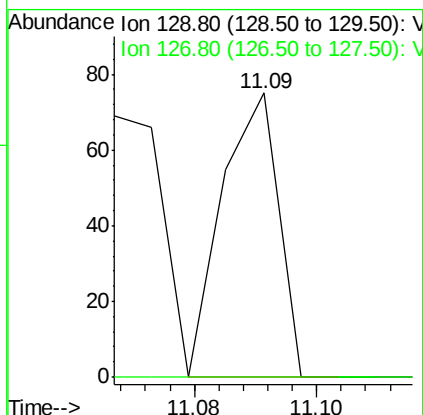
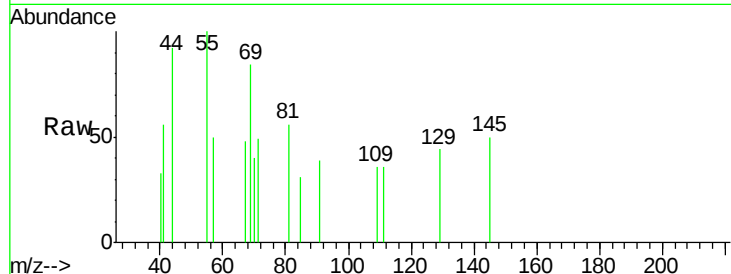




#60  
Dibromochloromethane  
Concen: 1.011 ug/l  
RT: 11.09 min Scan# 1507  
Delta R.T. -0.04 min  
Lab File: VW010626.D  
Acq: 30 May 2019 20:34

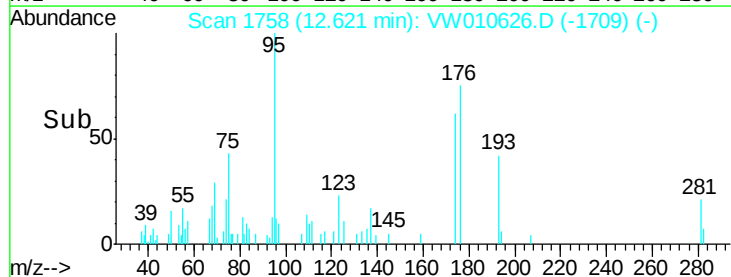
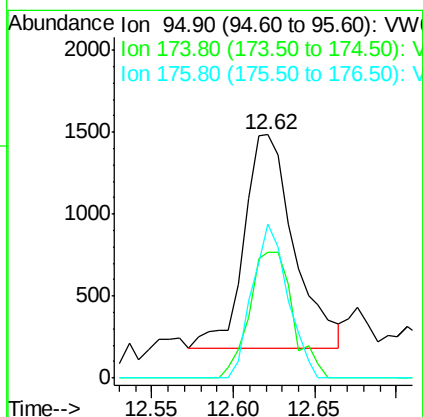
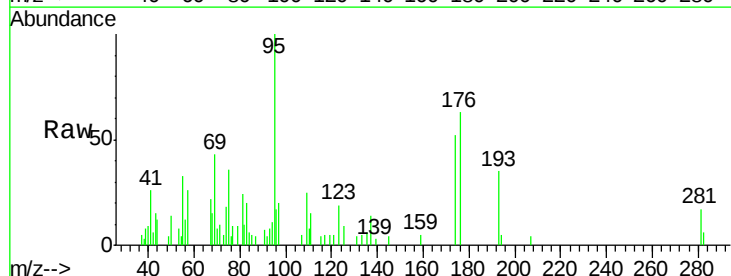
Instrument :  
MSVOA\_W  
ClientSampleId :  
0435-HR-15(HACKENSACK)

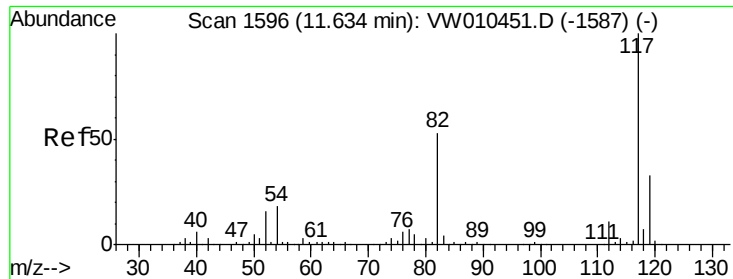
Tot Ion:129 Resp: 48  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.9 116.7#



#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

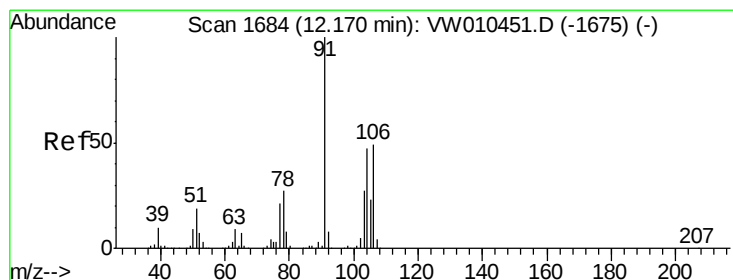
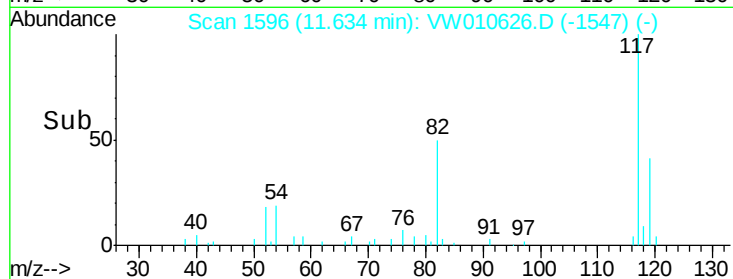
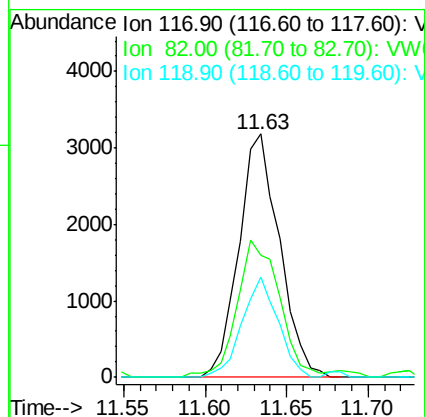
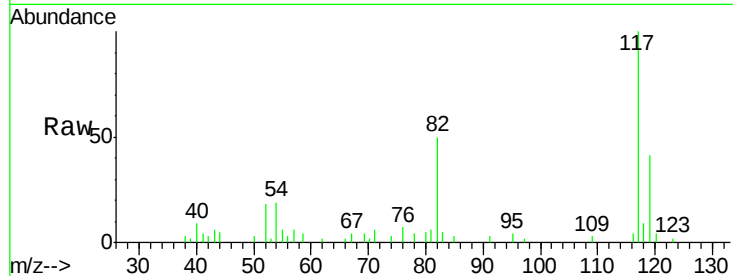




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW010626.D  
Acq: 30 May 2019 20:34

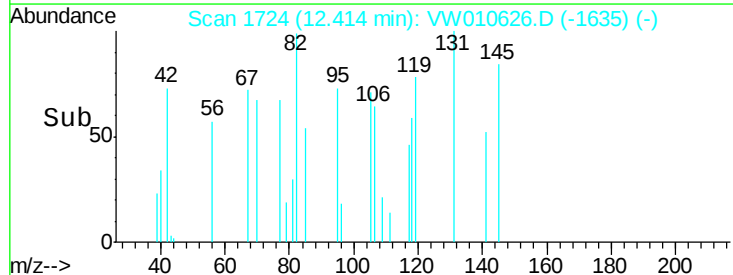
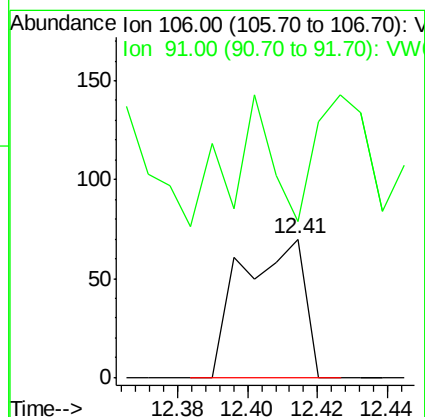
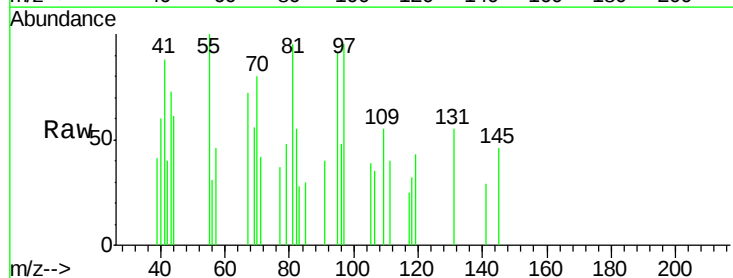
Instrument :  
MSVOA\_W  
ClientSampleId :  
0435-HR-15(HACKENSACK)

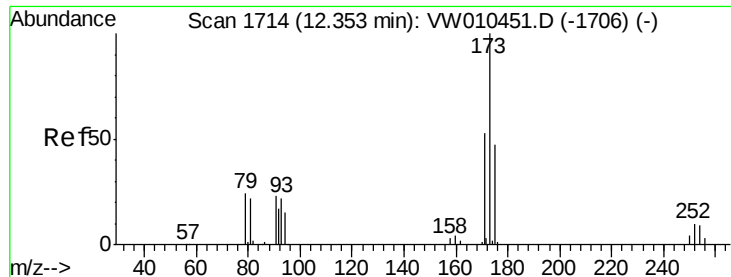
Tot Ion:117 Resp: 5502  
Ion Ratio Lower Upper  
117 100  
82 48.4 42.8 64.2  
119 41.2 26.3 39.5#



#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#

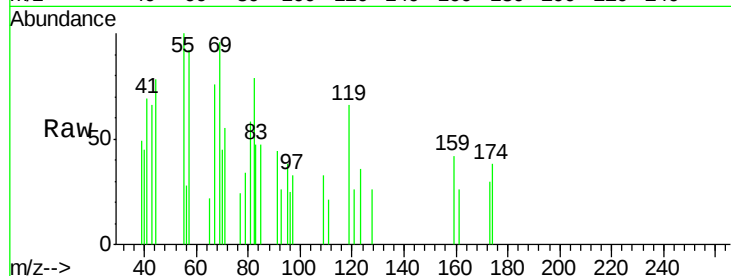




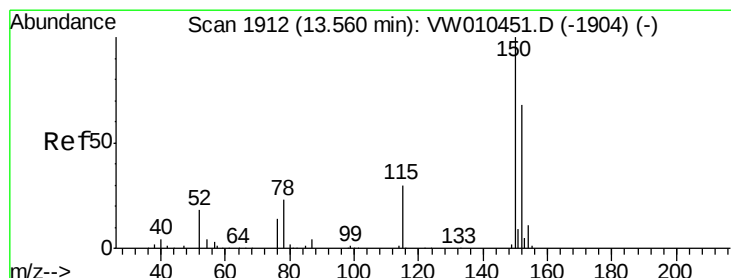
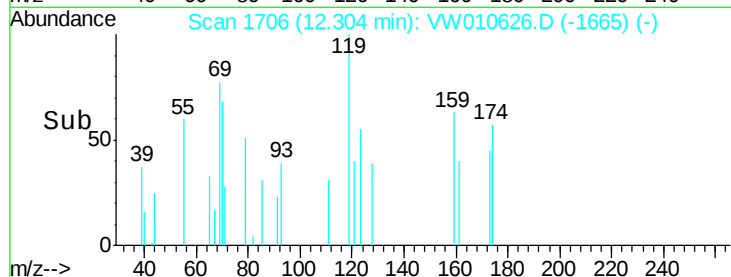
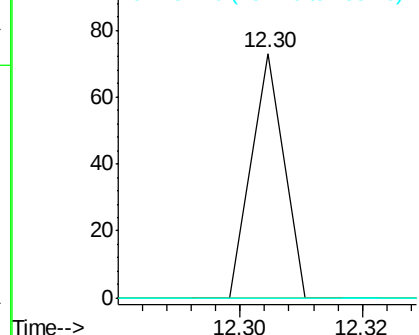
#71  
Bromoform  
Concen: 1.167 ug/l  
RT: 12.30 min Scan# 1706  
Delta R.T. -0.05 min  
Lab File: VW010626.D  
Acq: 30 May 2019 20:34

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

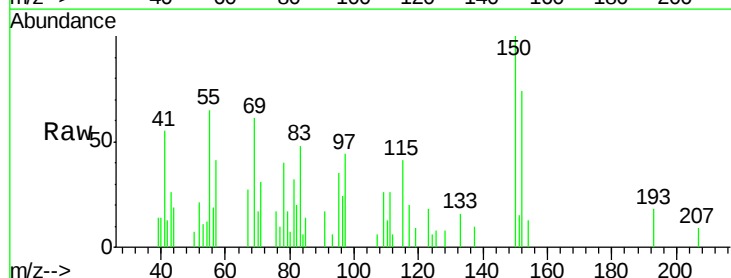


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

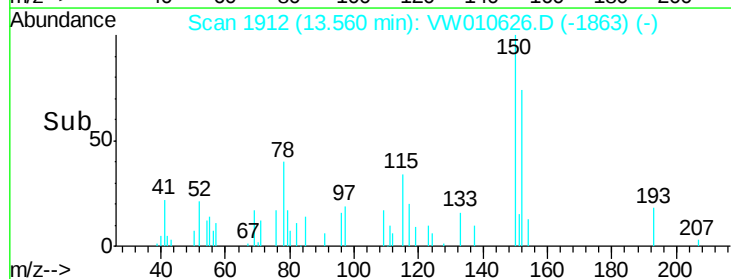
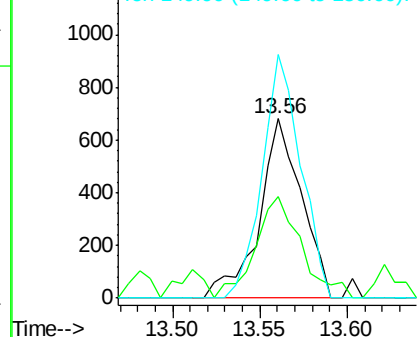


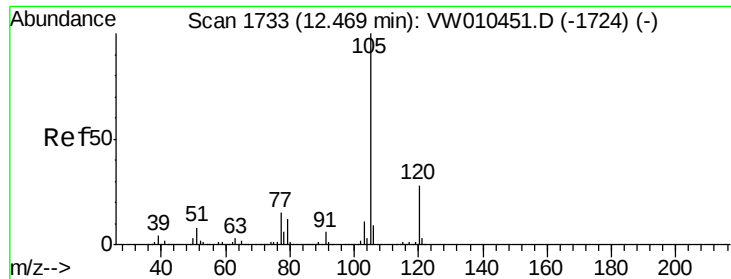
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: VW010626.D  
Acq: 30 May 2019 20:34

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 :

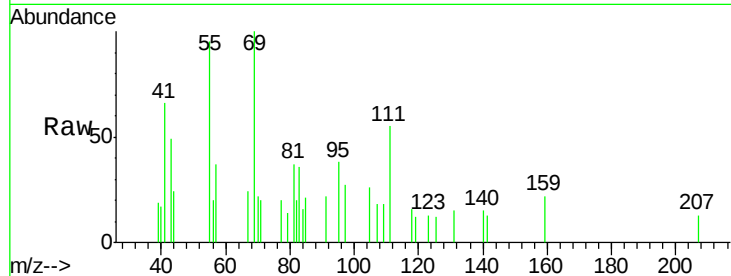
0435-HR-15(HACKENSACK)

Tot Ion:105 Resp: 163

Ion Ratio Lower Upper

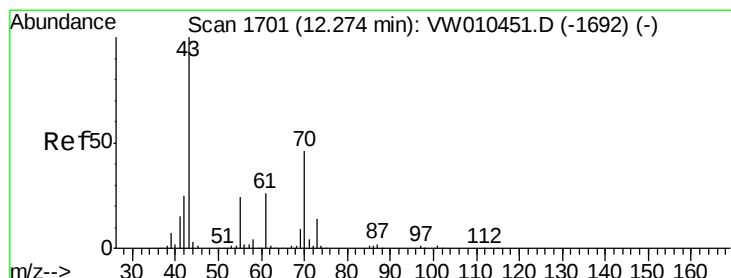
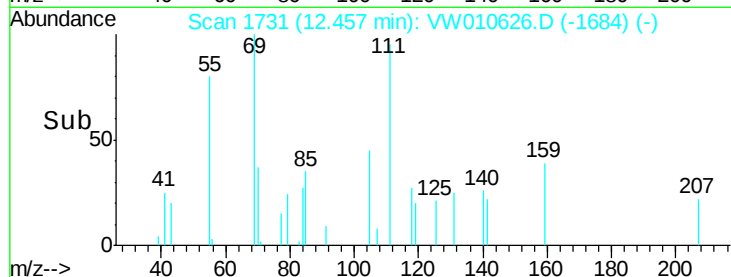
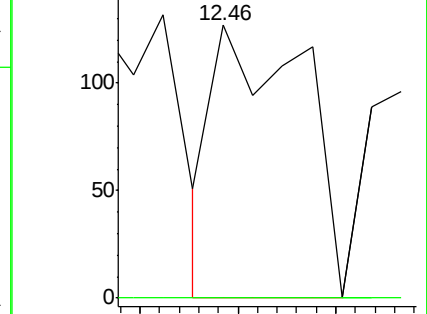
105 100

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



#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

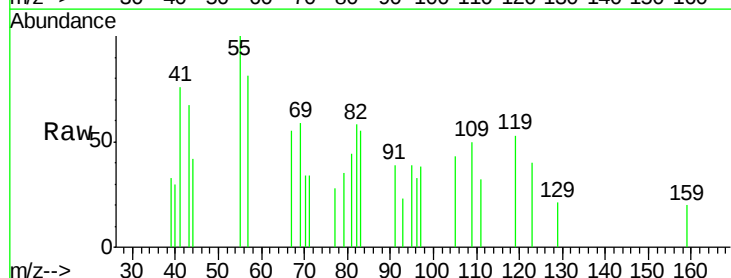
Ion Ratio Lower Upper

43 100

70 348.1 37.1 55.7#

55 357.4 19.6 29.4#

61 0.0 20.7 31.1#

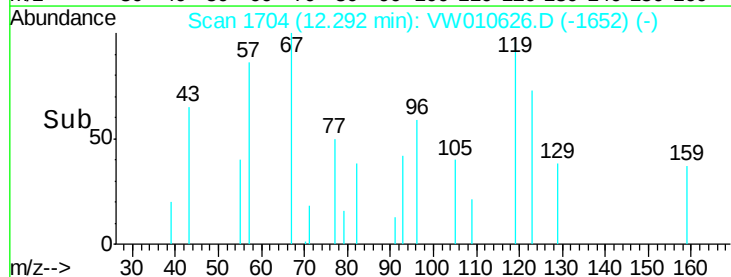
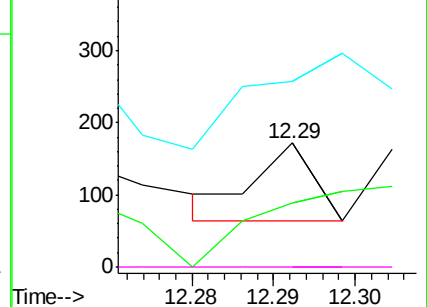


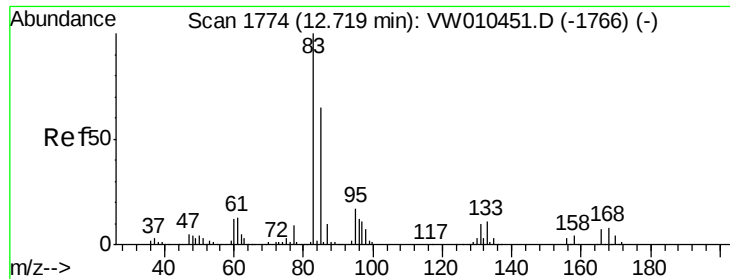
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#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)

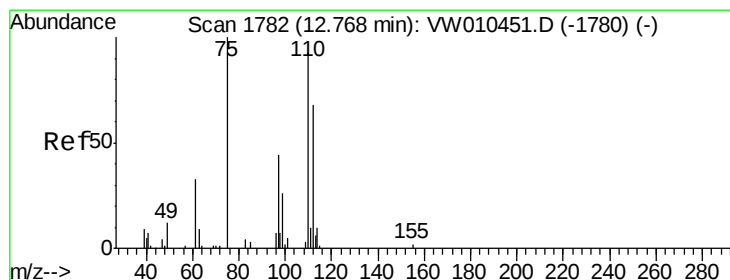
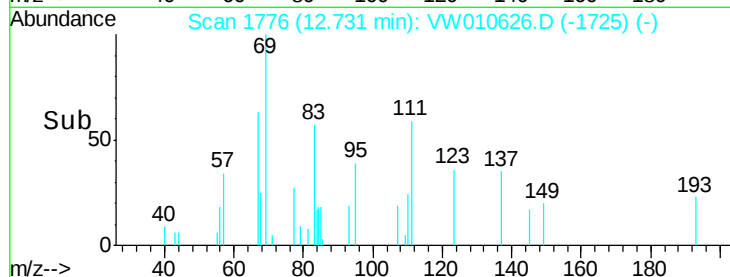
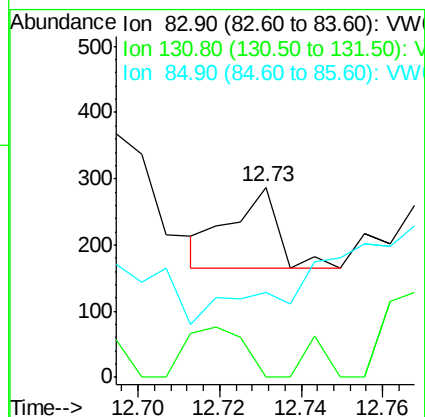
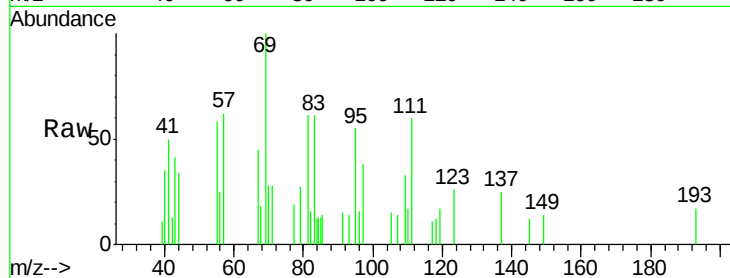
Tot Ion: 83 Resp: 98

Ion Ratio Lower Upper

83 100

131 23.5 5.6 16.8#

85 0.0 32.4 97.0#



#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

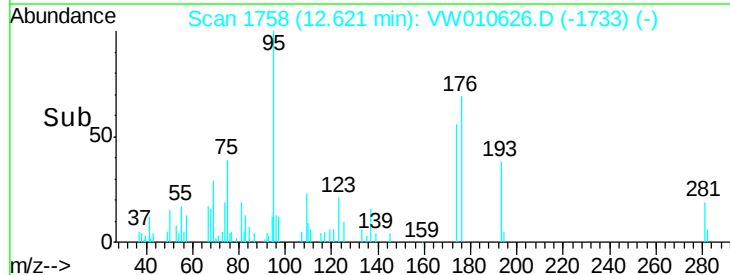
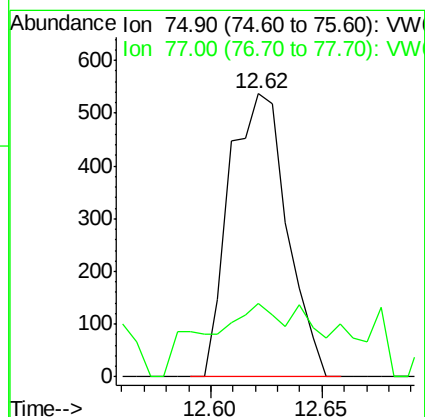
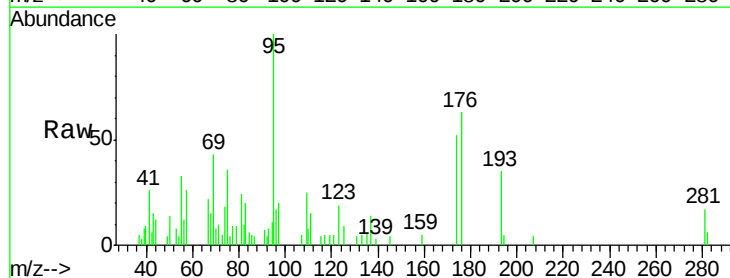
Acq: 30 May 2019 20:34

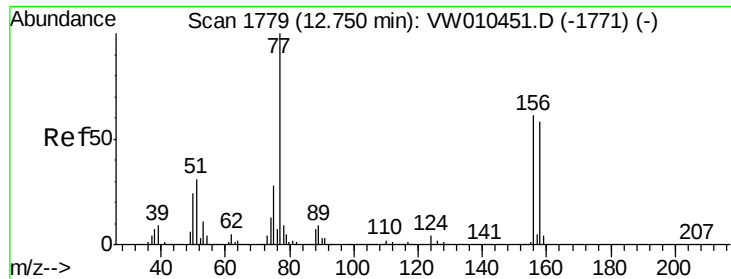
Tgt Ion: 75 Resp: 965

Ion Ratio Lower Upper

75 100

77 7.3 170.0 510.1#





#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)

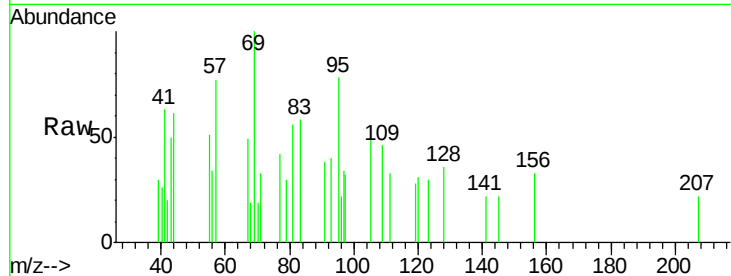
Tot Ion:156 Resp: 33

Ion Ratio Lower Upper

156 100

77 478.8 92.4 277.2#

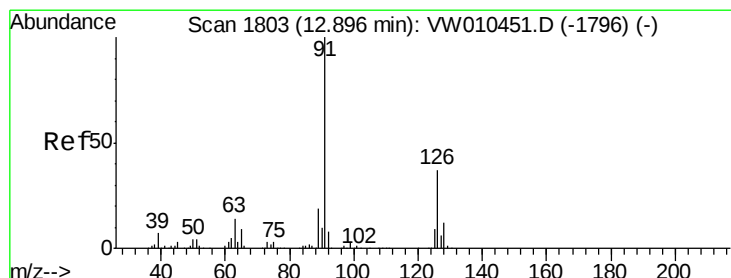
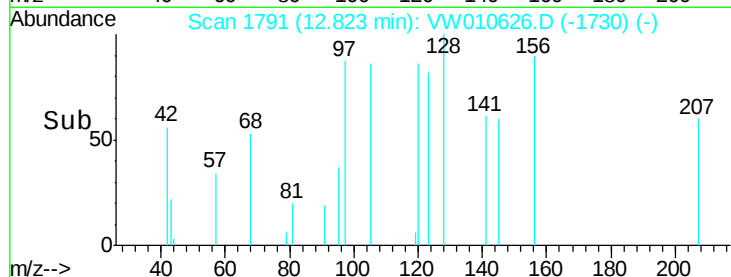
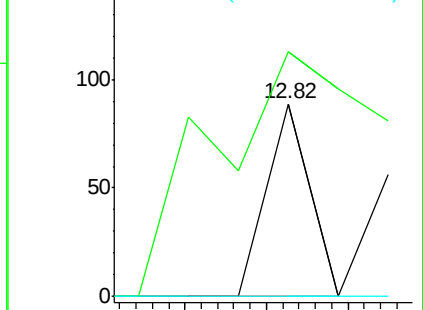
158 0.0 48.3 144.8#



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

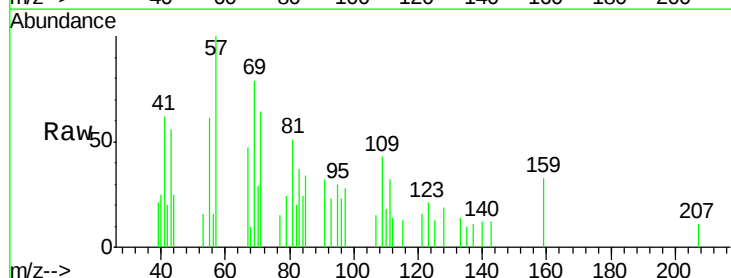
Acq: 30 May 2019 20:34

Tgt Ion: 91 Resp: 297

Ion Ratio Lower Upper

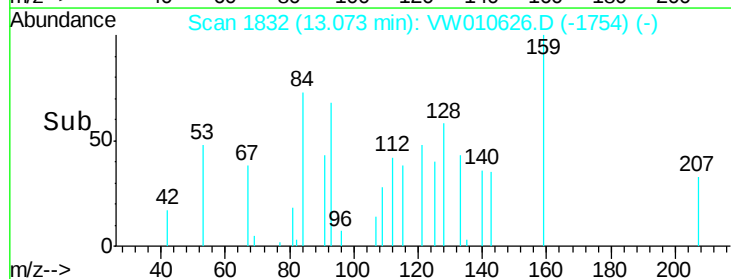
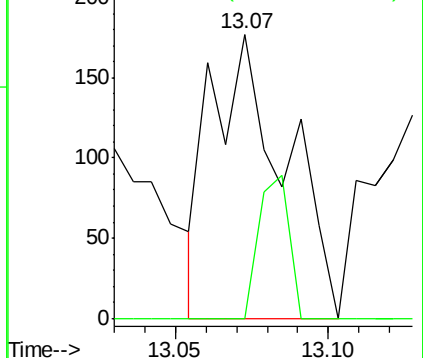
91 100

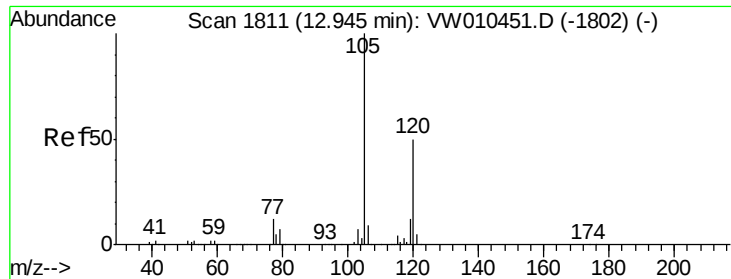
126 20.5 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

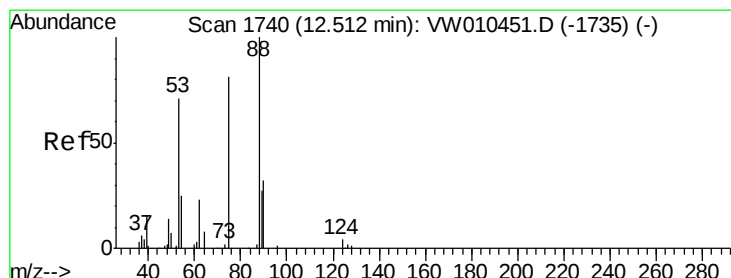
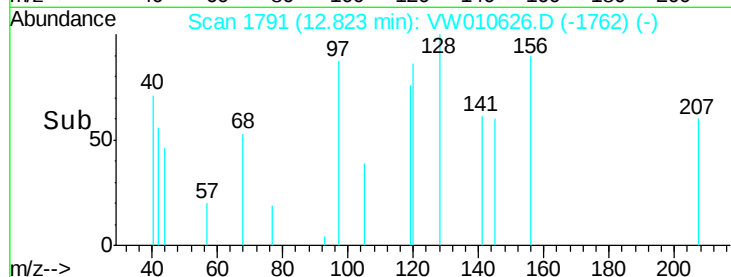
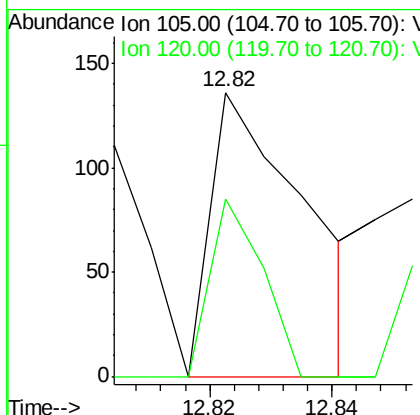
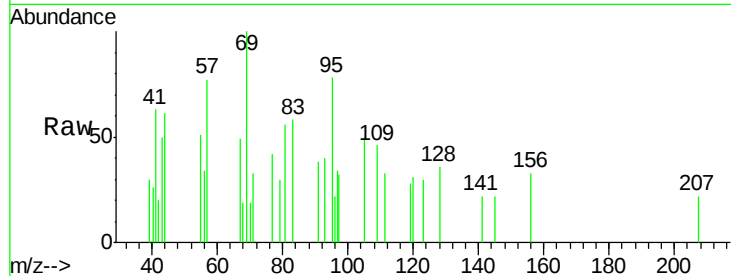




#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.863 ug/l  
 RT: 12.82 min Scan# 1791  
 Delta R.T. -0.12 min  
 Lab File: VW010626.D  
 Acq: 30 May 2019 20:34

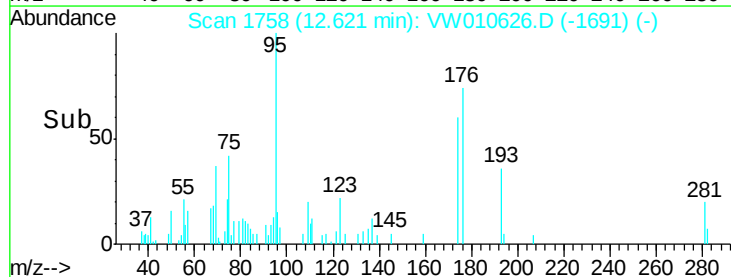
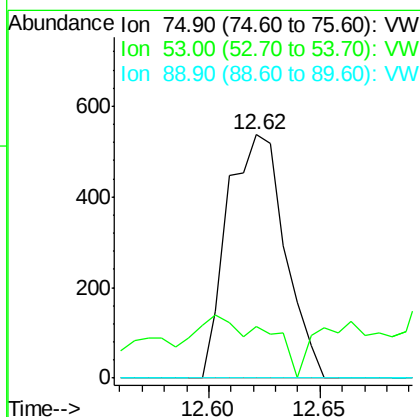
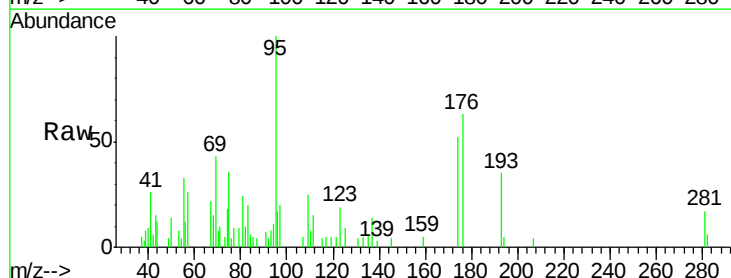
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 0435-HR-15(HACKENSACK)

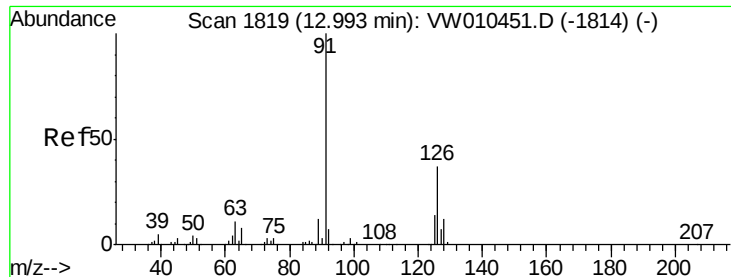
Tot Ion:105 Resp: 144  
 Ion Ratio Lower Upper  
 105 100  
 120 34.7 25.2 75.6



#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#

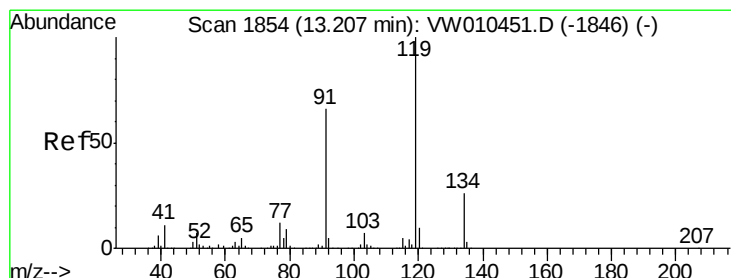
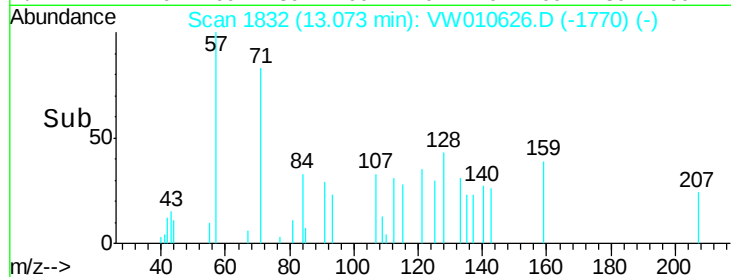
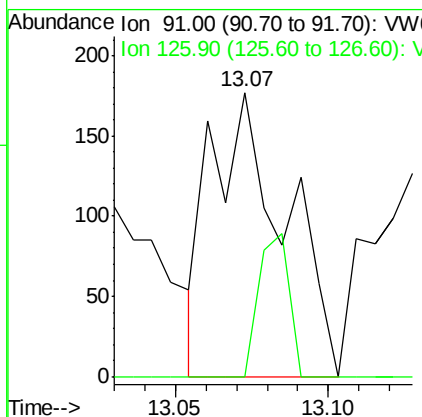
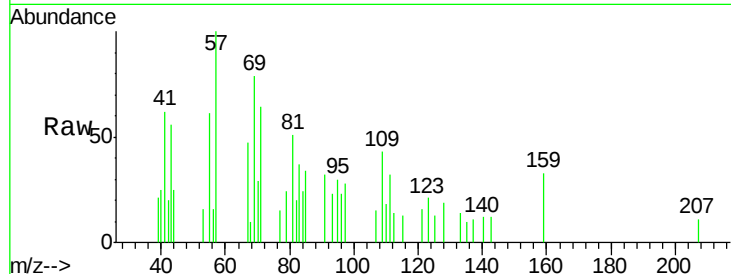




#82  
4-Chlorotoluene  
Concen: 4.640 ug/l  
RT: 13.07 min Scan# 1832  
Delta R.T. 0.08 min  
Lab File: VW010626.D  
Acq: 30 May 2019 20:34

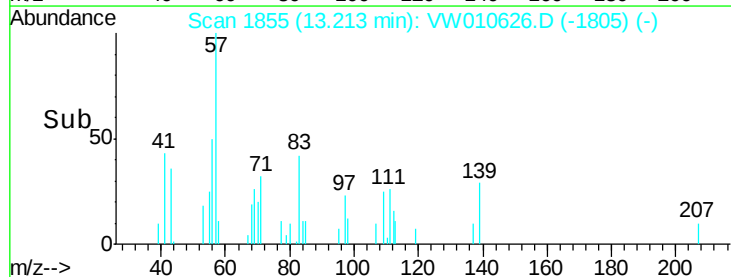
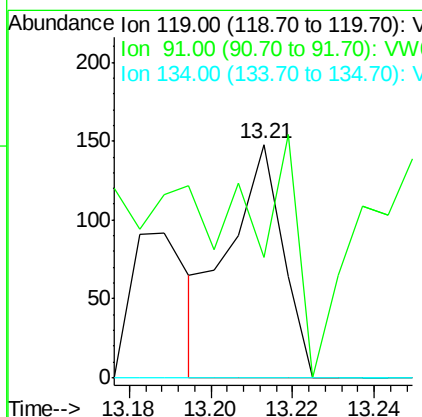
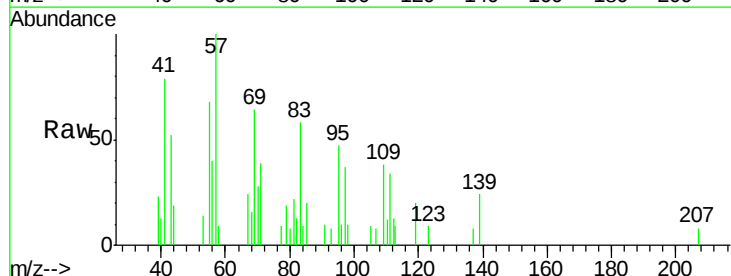
Instrument :  
MSVOA\_W  
ClientSampleId :  
0435-HR-15(HACKENSACK)

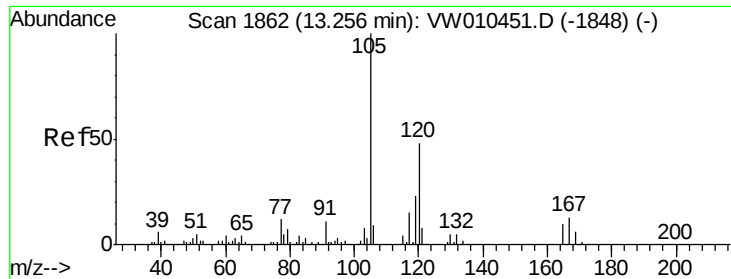
Tot Ion: 91 Resp: 297  
Ion Ratio Lower Upper  
91 100  
126 20.5 17.5 52.6



#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 :

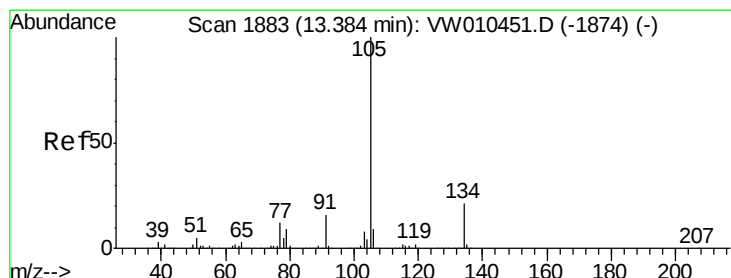
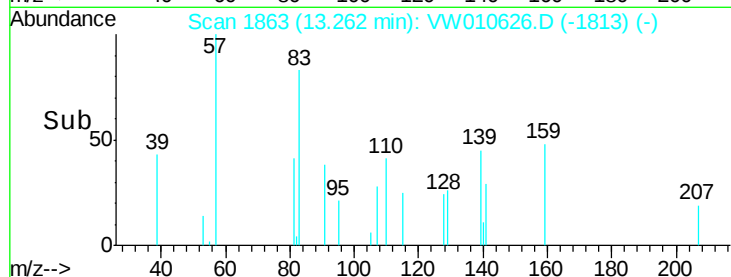
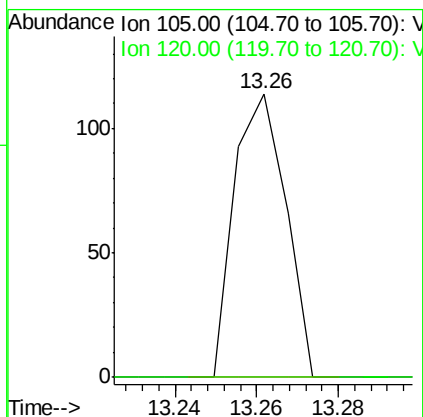
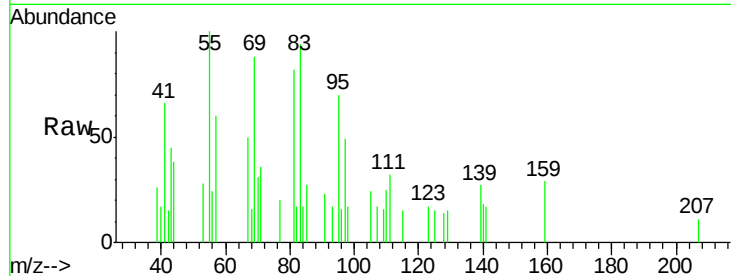
0435-HR-15(HACKENSACK)

Tot Ion:105 Resp: 100

Ion Ratio Lower Upper

105 100

120 0.0 23.4 70.2#



#85

sec-Butylbenzene

Concen: 3.578 ug/l

RT: 13.46 min Scan# 1895

Delta R.T. 0.07 min

Lab File: VW010626.D

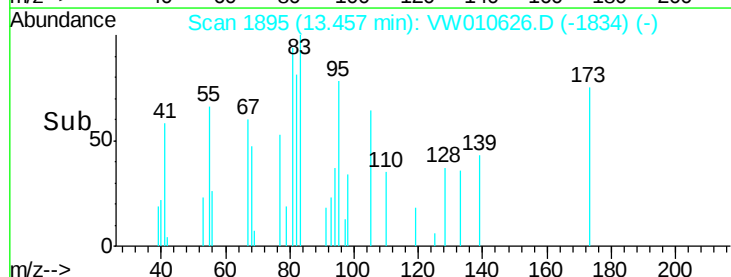
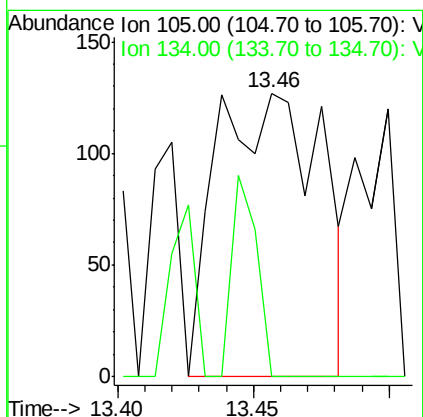
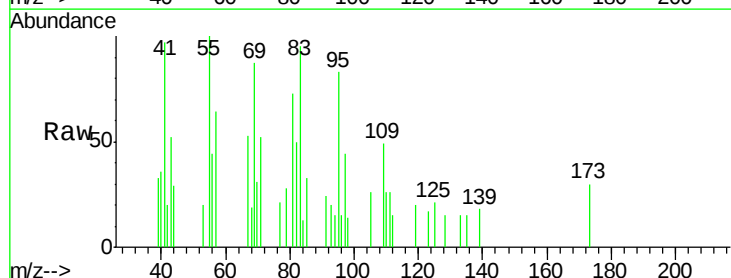
Acq: 30 May 2019 20:34

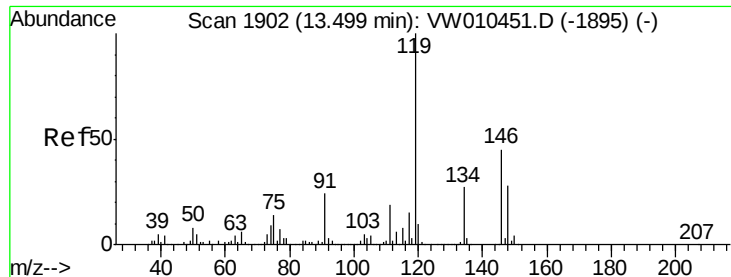
Tgt Ion:105 Resp: 338

Ion Ratio Lower Upper

105 100

134 16.9 10.5 31.6

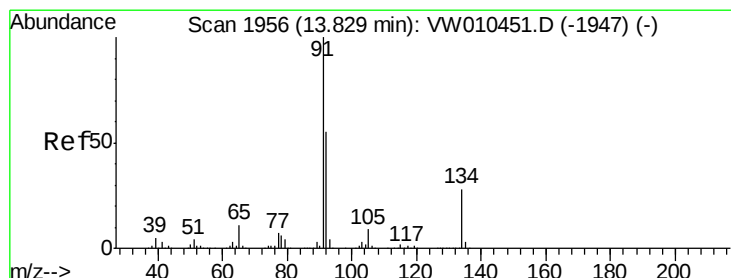
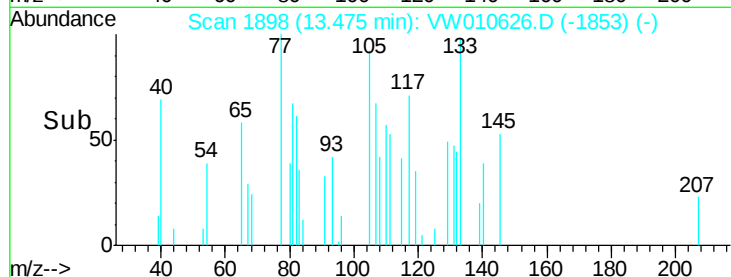
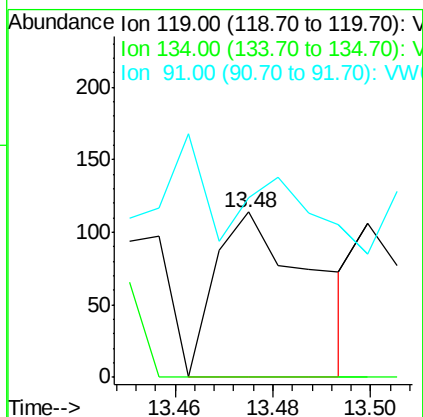
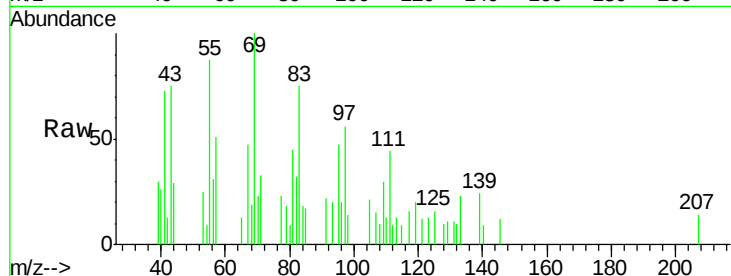




#86  
p-Isopropyltoluene  
Concen: 1.824 ug/l  
RT: 13.48 min Scan# 1898  
Delta R.T. -0.02 min  
Lab File: VW010626.D  
Acq: 30 May 2019 20:34

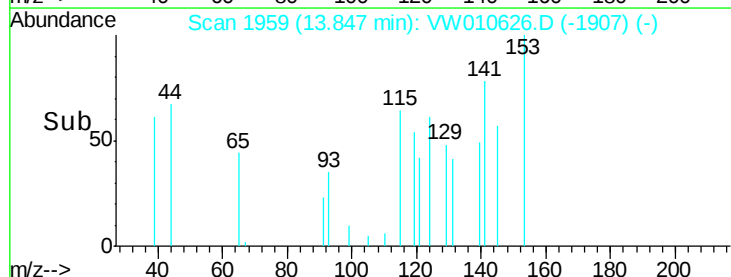
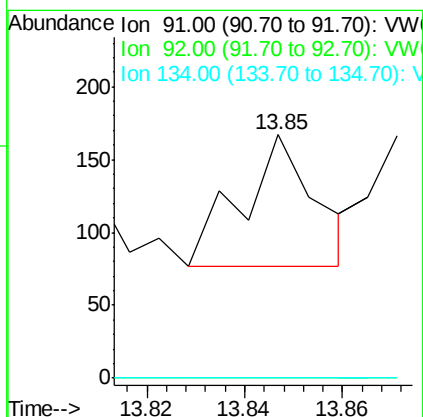
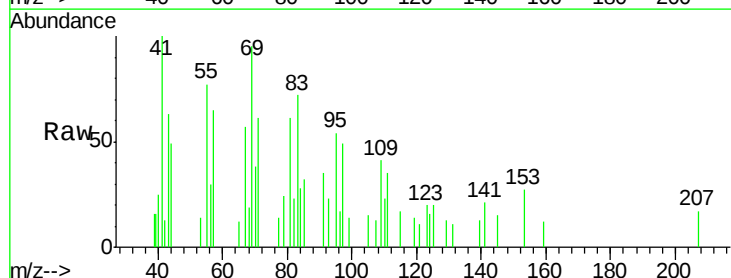
Instrument :  
MSVOA\_W  
ClientSampleId :  
0435-HR-15(HACKENSACK)

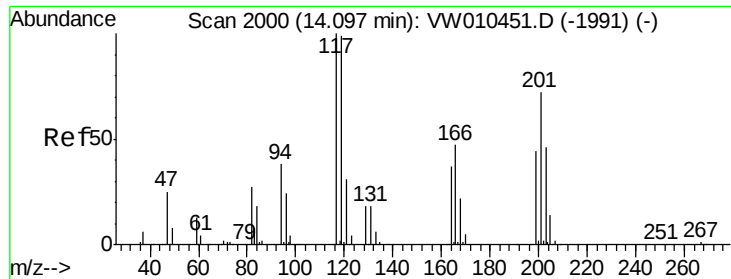
Tot Ion: 119 Resp: 156  
Ion Ratio Lower Upper  
119 100  
134 0.0 13.6 40.7#  
91 0.0 11.9 35.7#



#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 :

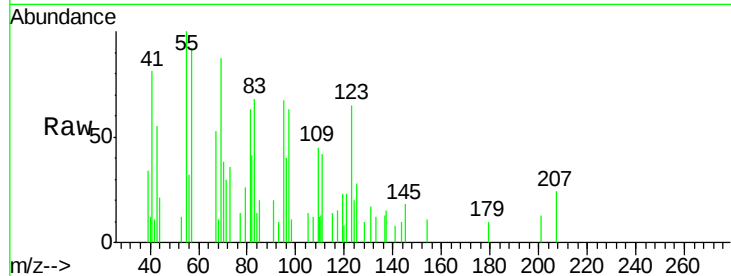
0435-HR-15(HACKENSACK)

Tot Ion:117 Resp: 119

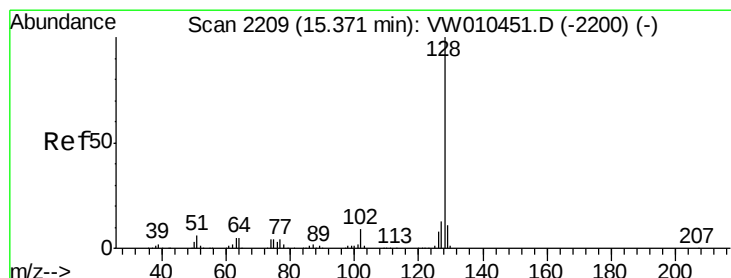
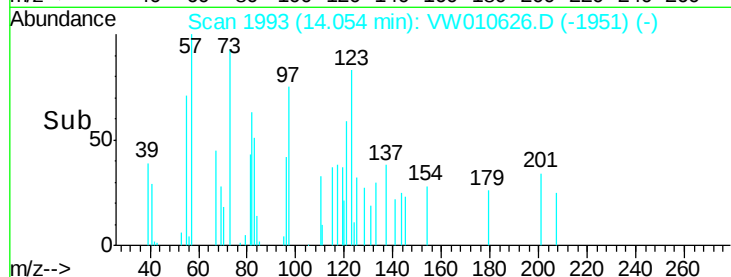
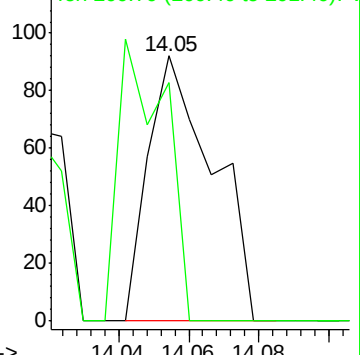
Ion Ratio Lower Upper

117 100

201 76.5 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): V



#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

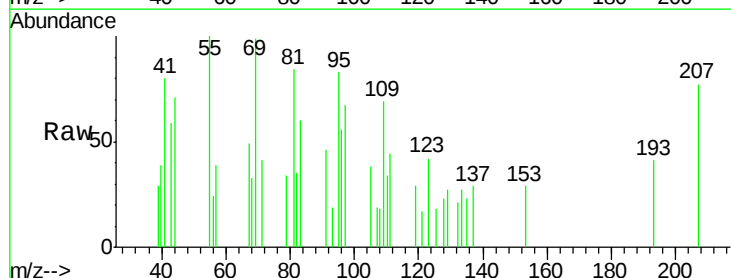
Tgt Ion:128 Resp: 66

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

