

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062318\  
 Data File : VW003471.D  
 Acq On : 23 Jun 2018 19:54  
 Operator : SY/AP  
 Sample : J3664-14  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WP021SB485-23-25-180619

Quant Time: Jun 25 02:39:07 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W061318S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 05:18:54 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 215698   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 355804   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 303828   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 135448   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 87781    | 37.57 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 75.14% |      |
| 35) Dibromofluoromethane    | 7.88   | 113 | 78521    | 35.52 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 71.04% |      |
| 50) Toluene-d8              | 10.33  | 98  | 303985   | 34.68 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 69.36% |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 148731   | 47.94 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.88% |      |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 11) Tert butyl alcohol         | 5.26  | 59   | 411      | 3.280   | ug/l # | 84     |
| 13) Acrolein                   | 3.89  | 56   | 227      | 1.267   | ug/l   | 88     |
| 16) Acetone                    | 4.15  | 43   | 110780   | 226.081 | ug/l   | 99     |
| 20) Methylene Chloride         | 4.91  | 84   | 10840    | 1.659   | ug/l   | 94     |
| 25) 2-Butanone                 | 7.19  | 43   | 44855    | 73.617  | ug/l   | 93     |
| 29) Tetrahydrofuran            | 7.54  | 42   | 763      | 2.049   | ug/l # | 63     |
| 31) Cyclohexane                | 7.95  | 56   | 9220     | 2.442   | ug/l # | 37     |
| 36) 1,1-Dichloropropene        | 7.95  | 75   | 16914    | 4.922   | ug/l # | 50     |
| 37) Ethyl Acetate              | 7.19  | 43   | 44855    | 31.510  | ug/l # | 70     |
| 38) Carbon Tetrachloride       | 7.95  | 117  | 20850    | 6.186   | ug/l # | 16     |
| 39) Methylcyclohexane          | 9.34  | 83   | 105334   | 26.493  | ug/l   | 95     |
| 43) Isopropyl Acetate          | 8.42  | 43   | 3526     | 1.247   | ug/l # | 53     |
| 48) Methyl methacrylate        | 9.52  | 41   | 5529     | 4.162   | ug/l # | 58     |
| 55) 1,1,2-Trichloroethane      | 10.77 | 97   | 40149    | 23.076  | ug/l # | 19     |
| 56) Ethyl methacrylate         | 10.67 | 69   | 21239    | 10.053  | ug/l # | 1      |
| 59) 2-Hexanone                 | 10.94 | 43   | 45698    | 45.418  | ug/l # | 33     |
| 65) Chlorobenzene              | 11.66 | 112  | 844640   | 133.498 | ug/l   | 98     |
| 69) o-Xylene                   | 12.17 | 106  | 12761    | 3.230   | ug/l   | 56     |
| 73) Isopropylbenzene           | 12.47 | 105  | 21830    | 2.317   | ug/l   | 100    |
| 74) N-amyl acetate             | 12.26 | 43   | 110654   | 51.603  | ug/l # | 45     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.70 | 83   | 47845    | 30.019  | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 46047    | 39.767  | ug/l # | 100    |
| 78) n-propylbenzene            | 12.81 | 91   | 31989    | 2.773   | ug/l   | 83     |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 17327    | 2.658   | ug/l # | 41     |
| 81) trans-1,4-Dichloro-2-buten | 12.63 | 75   | 46047    | 91.506  | ug/l # | 28     |
| 82) 4-Chlorotoluene            | 12.95 | 91   | 14104    | 2.039   | ug/l # | 35     |
| 83) tert-Butylbenzene          | 13.21 | 119  | 126866   | 18.825  | ug/l   | 93     |
| 84) 1,2,4-Trimethylbenzene     | 13.39 | 105  | 697565   | 85.755  | ug/l # | 32     |
| 85) sec-Butylbenzene           | 13.39 | 105  | 697565   | 69.638  | ug/l # | 41     |
| 86) p-Isopropyltoluene         | 13.66 | 119  | 554522   | 62.764  | ug/l   | 95     |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 7880     | 1.748   | ug/l # | 1      |
| 88) 1,4-Dichlorobenzene        | 13.59 | 146  | 41655    | 9.296   | ug/l # | 17     |
| 89) n-Butylbenzene             | 13.83 | 91   | 337900   | 39.236  | ug/l # | 66     |
| 90) Hexachloroethane           | 14.11 | 117  | 369262   | 231.044 | ug/l # | 10     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062318\  
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Operator : SY/AP  
Sample : J3664-14  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 21 Sample Multiplier: 1

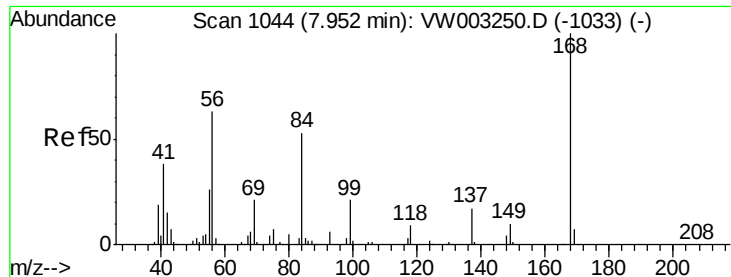
Instrument :  
MSVOA\_W  
ClientSampleId :  
WP021SB485-23-25-180619

Quant Time: Jun 25 02:39:07 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W061318S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 05:18:54 2018  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 22431    | 5.681  | ug/l # | 1        |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 5329     | 19.868 | ug/l # | 4        |
| 95) Naphthalene                | 15.33 | 128  | 17540    | 3.731  | ug/l # | 1        |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA\_W

ClientSampleId :

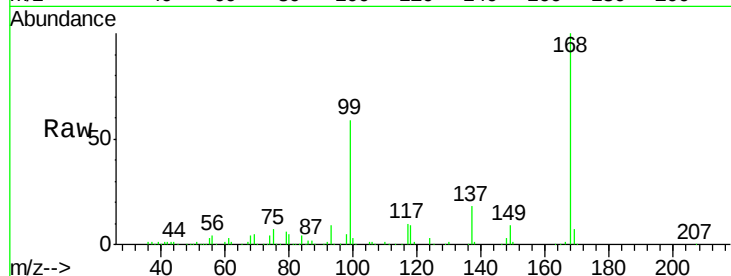
WP021SB485-23-25-180619

Tgt Ion: 168 Resp: 215698

Ion Ratio Lower Upper

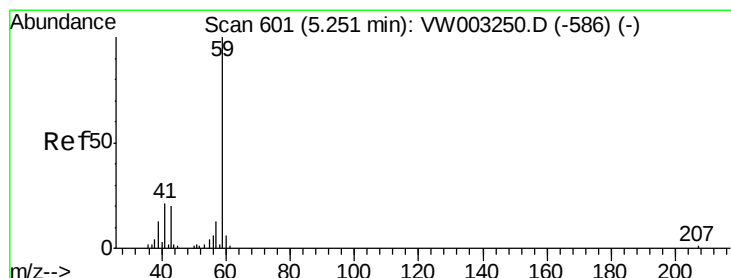
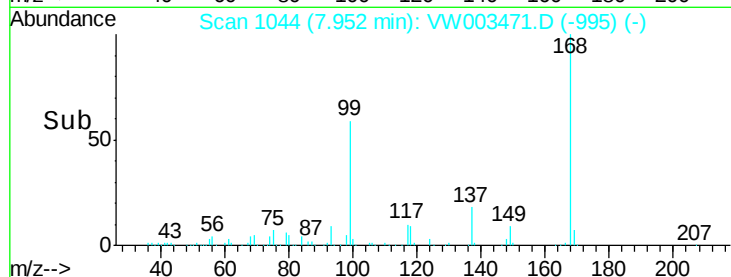
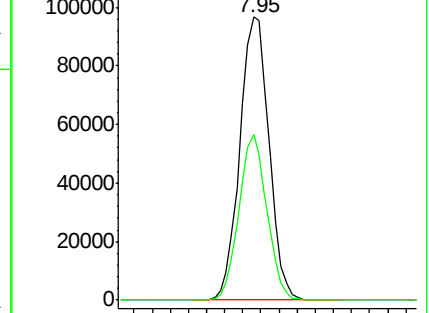
168 100

99 58.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.280 ug/l

RT: 5.26 min Scan# 602

Delta R.T. 0.01 min

Lab File: VW003471.D

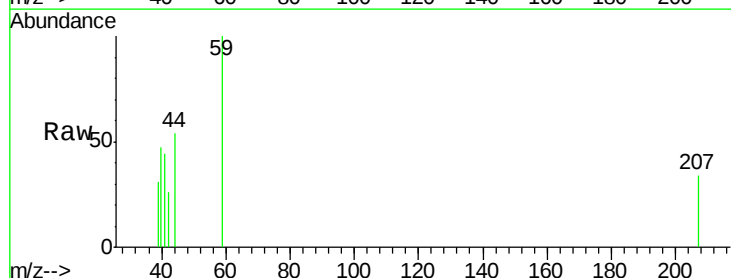
Acq: 23 Jun 2018 19:54

Tgt Ion: 59 Resp: 411

Ion Ratio Lower Upper

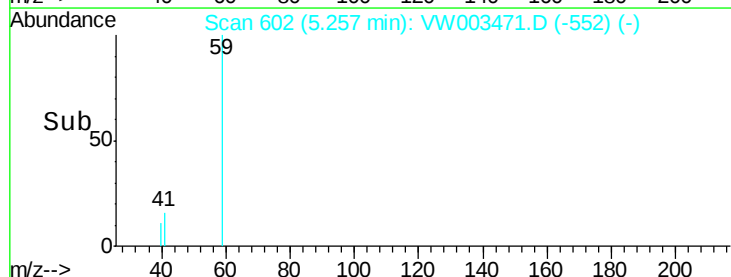
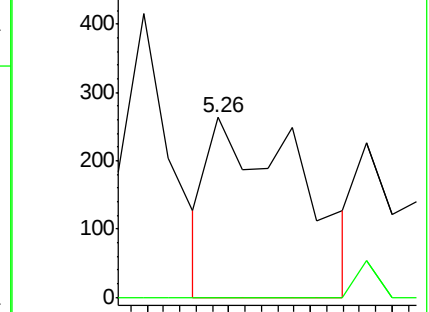
59 100

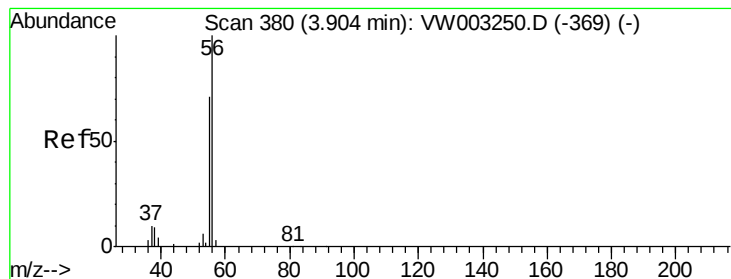
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.267 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA\_W

ClientSampleId :

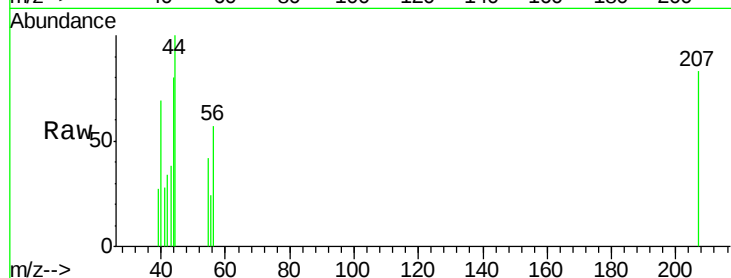
WP021SB485-23-25-180619

Tgt Ion: 56 Resp: 227

Ion Ratio Lower Upper

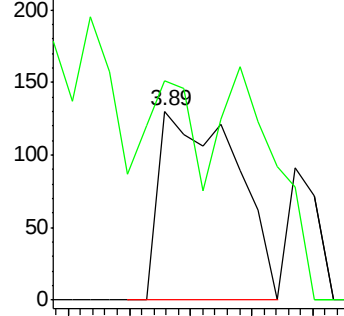
56 100

55 79.3 55.4 83.2

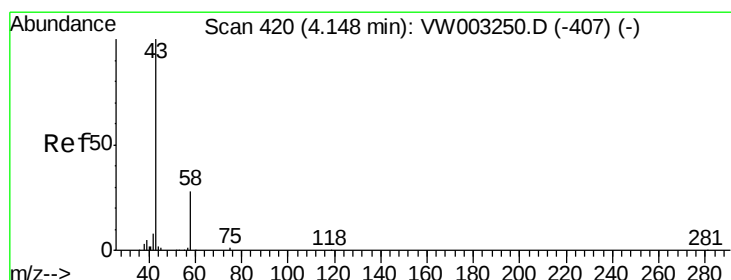
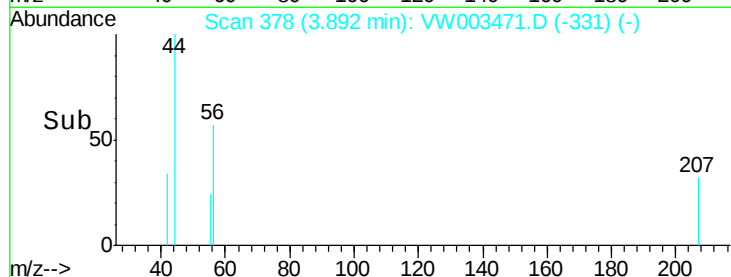


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#16

Acetone

Concen: 226.081 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003471.D

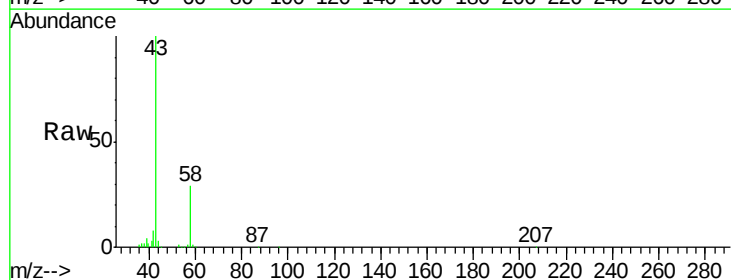
Acq: 23 Jun 2018 19:54

Tgt Ion: 43 Resp: 110780

Ion Ratio Lower Upper

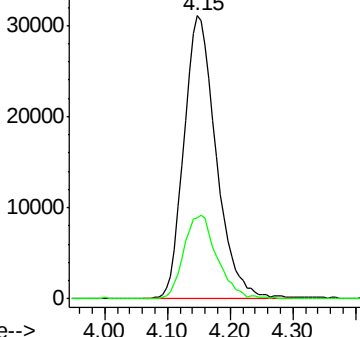
43 100

58 28.8 22.6 34.0

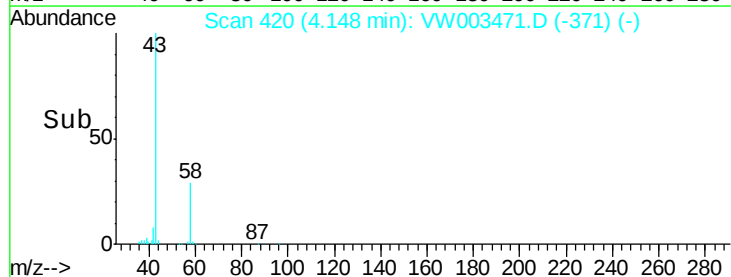


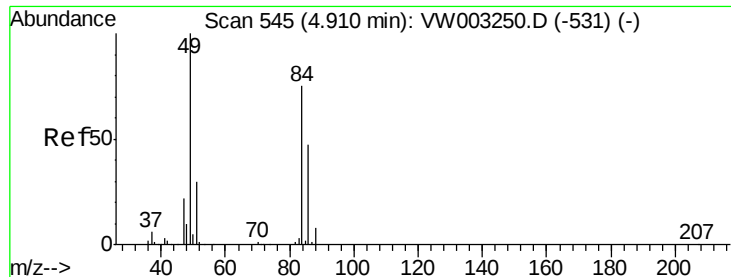
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

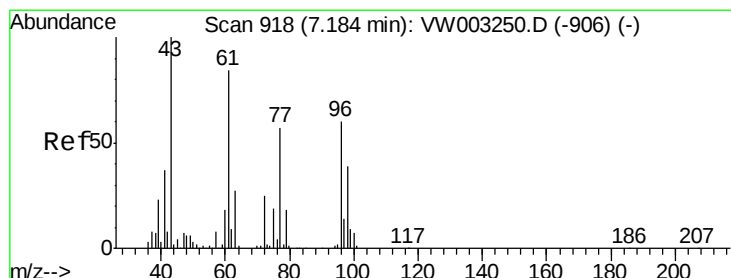
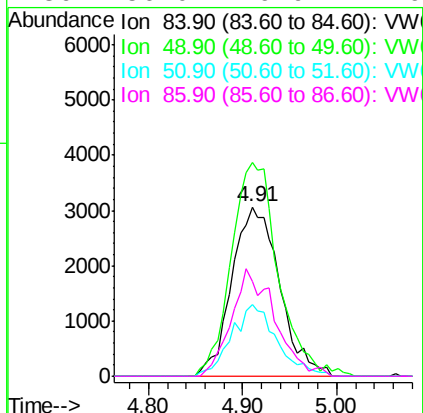
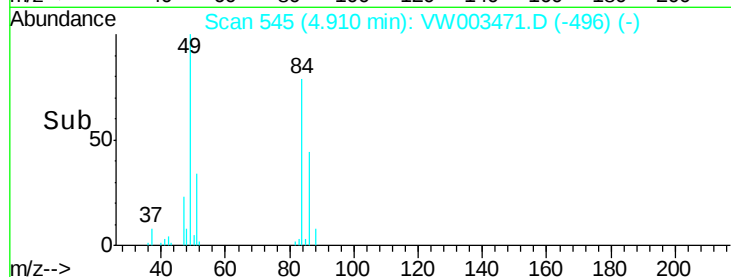
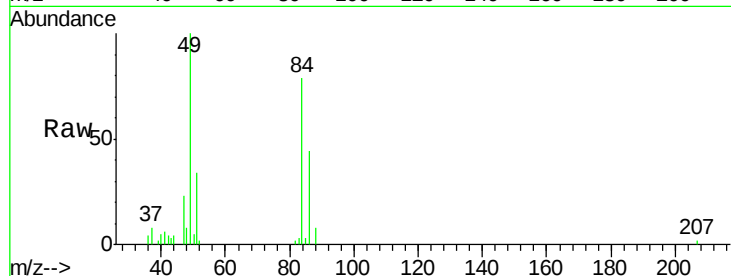




#20  
Methylene Chloride  
Concen: 1.659 ug/l  
RT: 4.91 min Scan# 545  
Delta R.T. 0.00 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

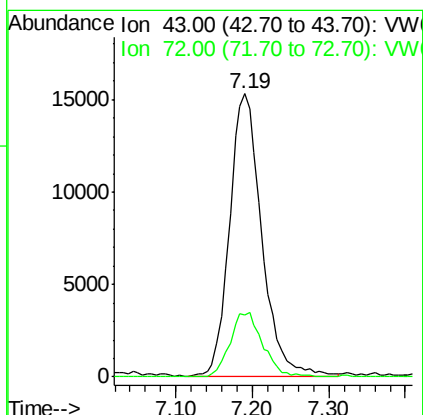
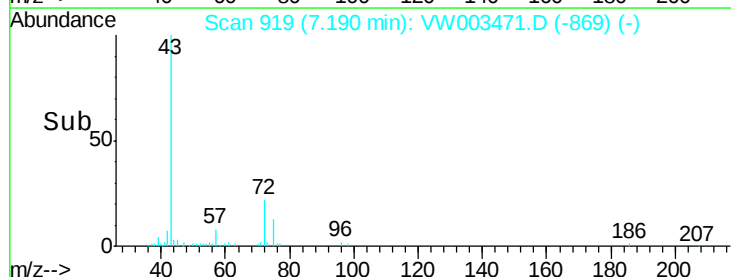
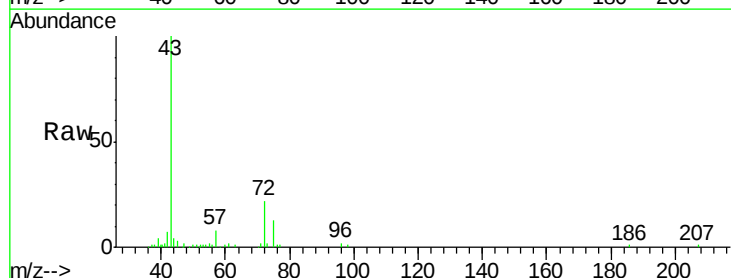
Instrument :  
MSVOA\_W  
ClientSampleId :  
WP021SB485-23-25-180619

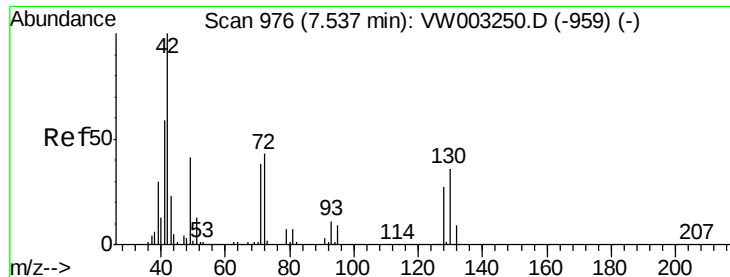
Tgt Ion: 84 Resp: 10840  
Ion Ratio Lower Upper  
84 100  
49 126.3 106.3 159.5  
51 42.5 32.0 48.0  
86 56.0 49.9 74.9



#25  
2-Butanone  
Concen: 73.617 ug/l  
RT: 7.19 min Scan# 919  
Delta R.T. 0.01 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

Tgt Ion: 43 Resp: 44855  
Ion Ratio Lower Upper  
43 100  
72 21.9 20.3 30.5

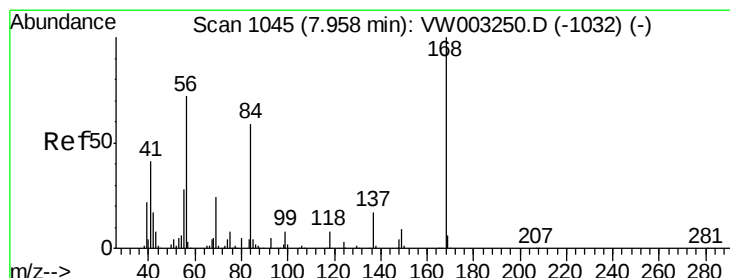
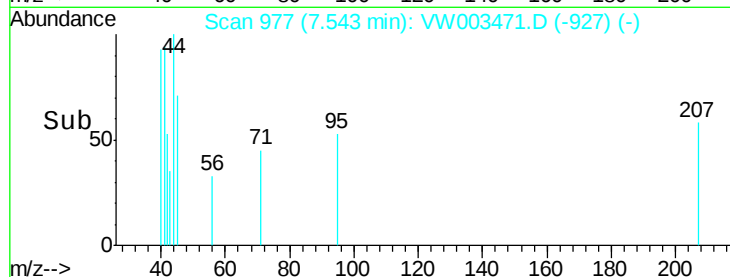
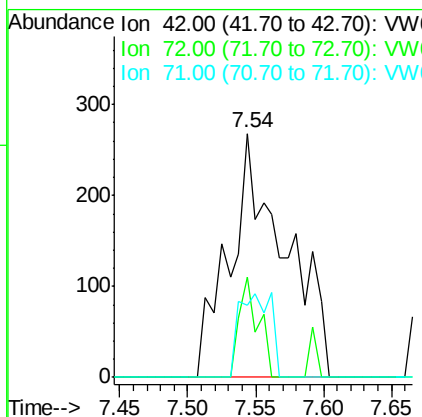
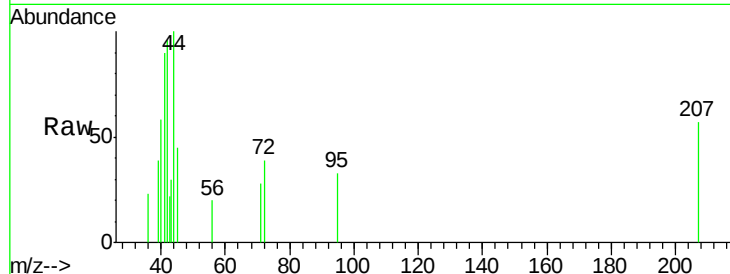




#29  
Tetrahydrofuran  
Concen: 2.049 ug/l  
RT: 7.54 min Scan# 977  
Delta R.T. 0.01 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

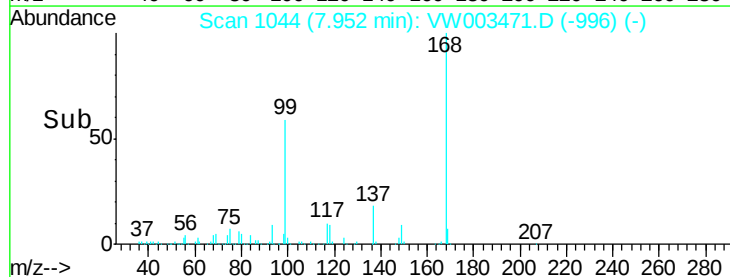
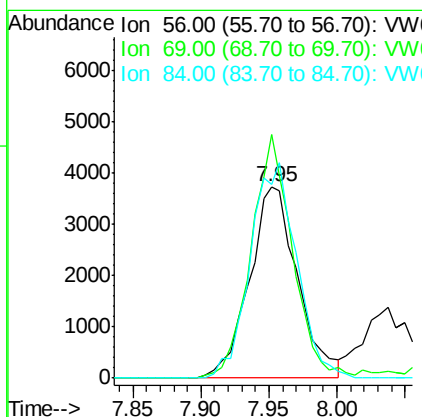
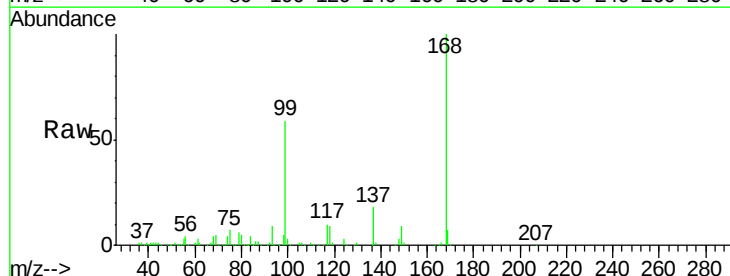
Instrument :  
MSVOA\_W  
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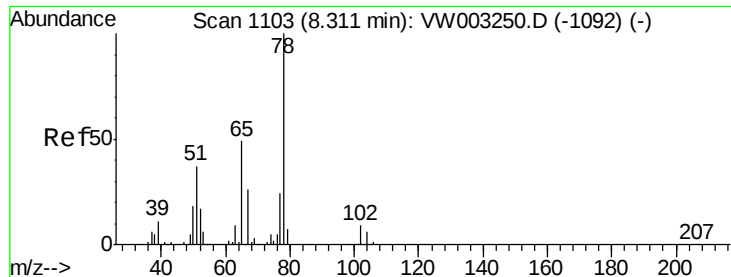
Tgt Ion: 42 Resp: 763  
Ion Ratio Lower Upper  
42 100  
72 14.2 32.4 48.6#  
71 20.2 31.2 46.8#



#31  
Cyclohexane  
Concen: 2.442 ug/l  
RT: 7.95 min Scan# 1044  
Delta R.T. -0.01 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

Tgt Ion: 56 Resp: 9220  
Ion Ratio Lower Upper  
56 100  
69 127.3 26.3 39.5#  
84 101.0 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 37.572 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA\_W

ClientSampleId :

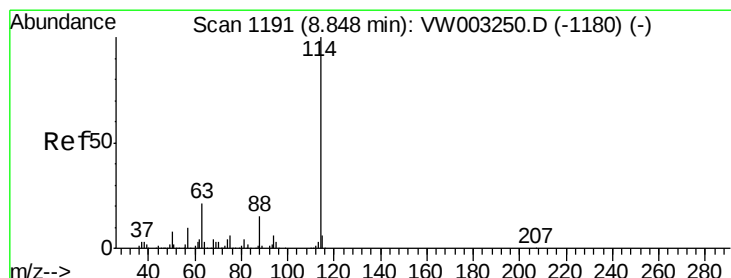
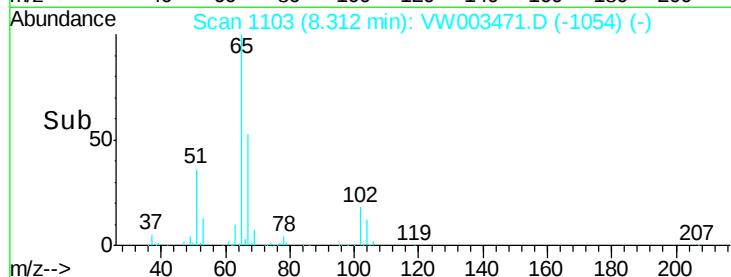
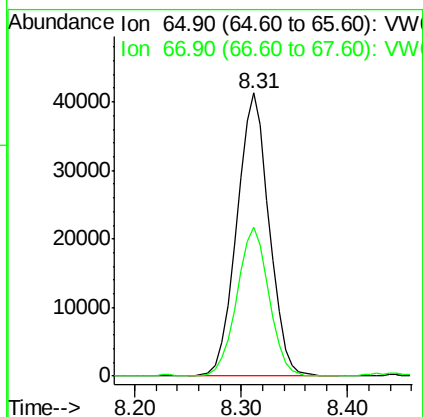
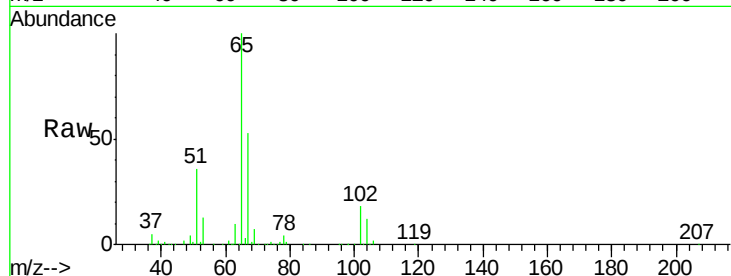
WP021SB485-23-25-180619

Tgt Ion: 65 Resp: 87781

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

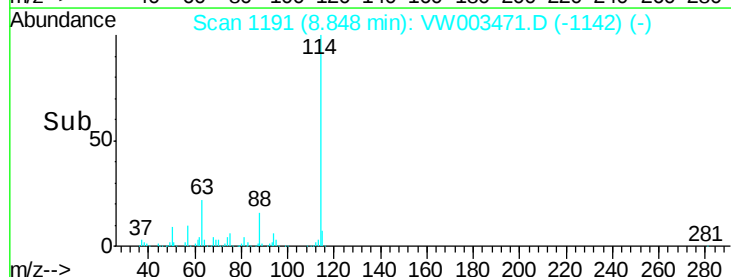
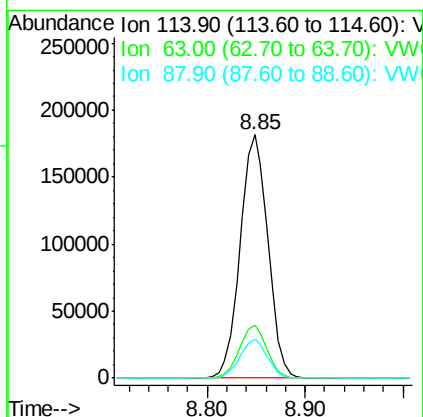
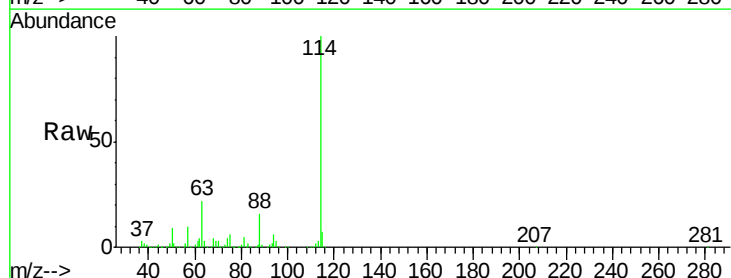
Tgt Ion: 114 Resp: 355804

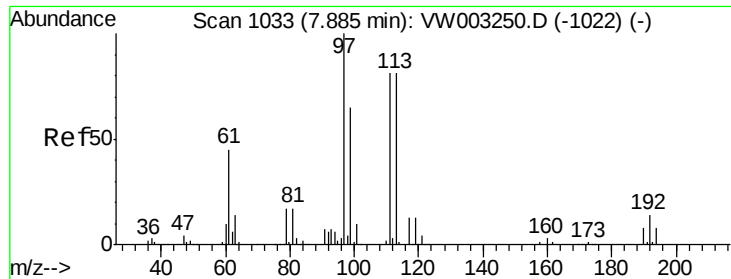
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.0

88 16.2 0.0 29.6

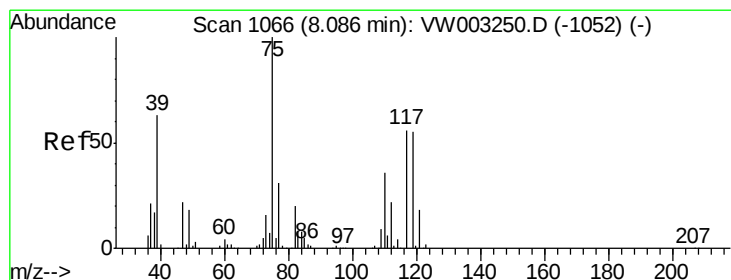
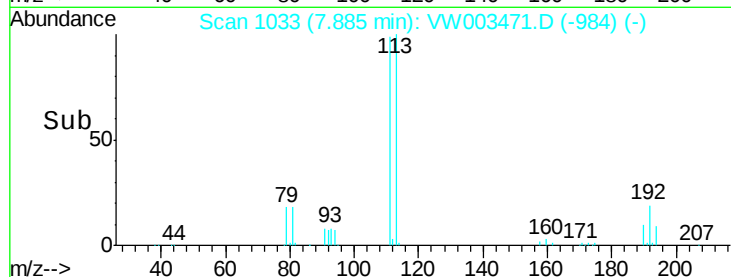
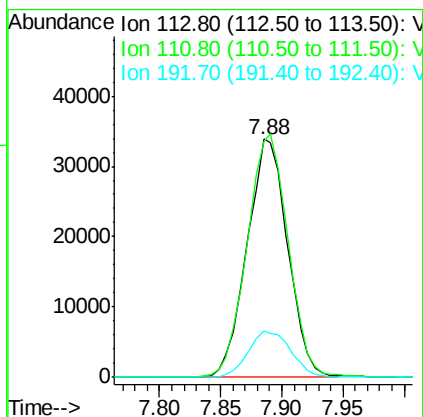
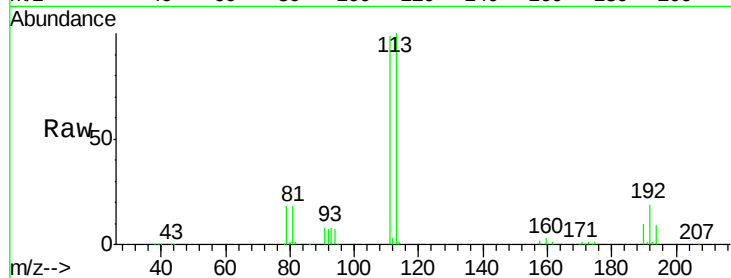




#35  
 Dibromofluoromethane  
 Concen: 35.516 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

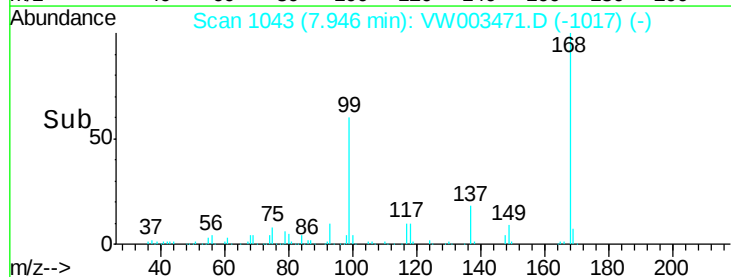
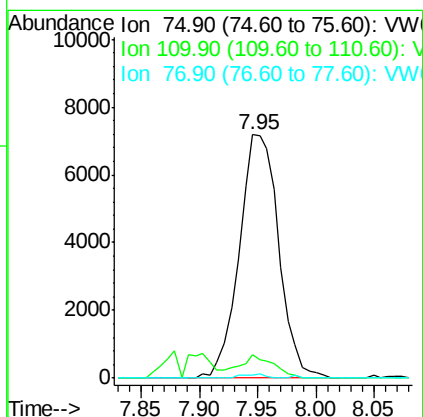
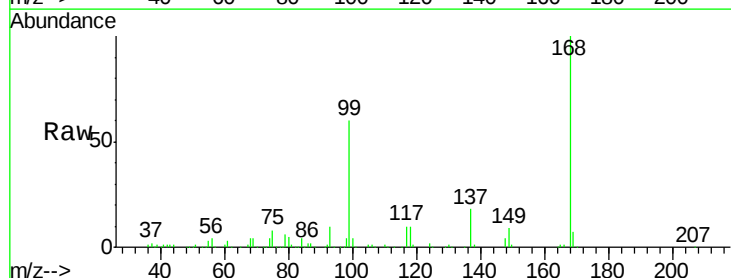
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 MSVOA\_W  
 ClientSampleId :  
 WP021SB485-23-25-180619

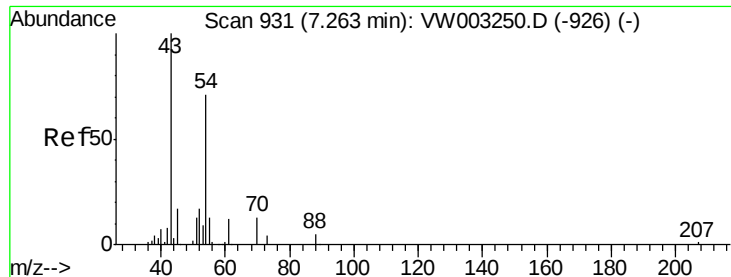
Tgt Ion: 113 Resp: 78521  
 Ion Ratio Lower Upper  
 113 100  
 111 103.4 82.2 123.2  
 192 20.3 16.2 24.2



#36  
 1,1-Dichloropropene  
 Concen: 4.922 ug/l  
 RT: 7.95 min Scan# 1043  
 Delta R.T. -0.14 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

Tgt Ion: 75 Resp: 16914  
 Ion Ratio Lower Upper  
 75 100  
 110 8.2 17.1 51.3#  
 77 0.9 24.9 37.3#

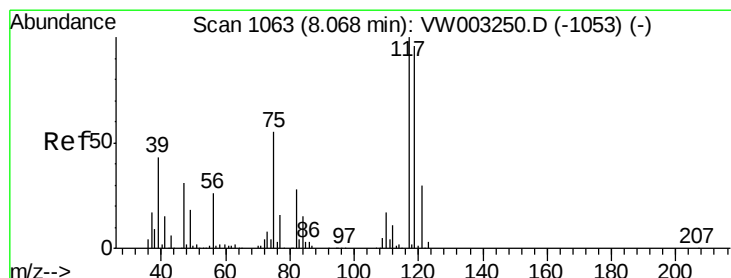
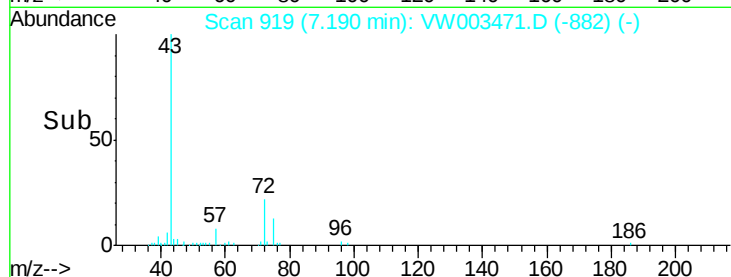
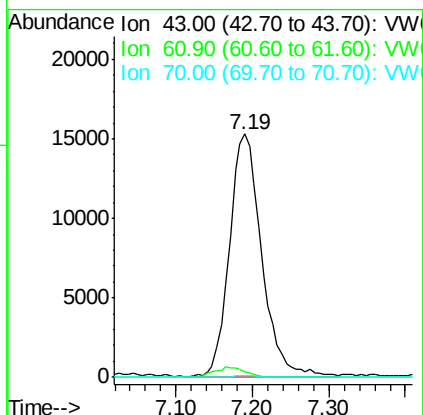
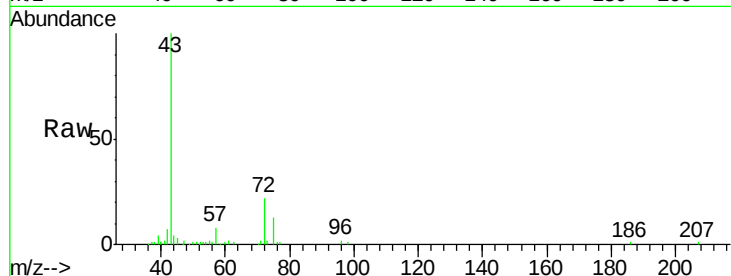




#37  
Ethyl Acetate  
Concen: 31.510 ug/l  
RT: 7.19 min Scan# 919  
Delta R.T. -0.07 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

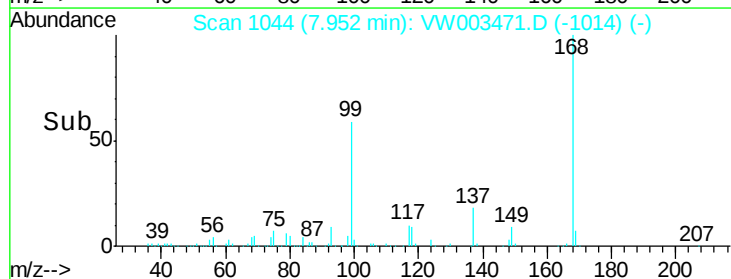
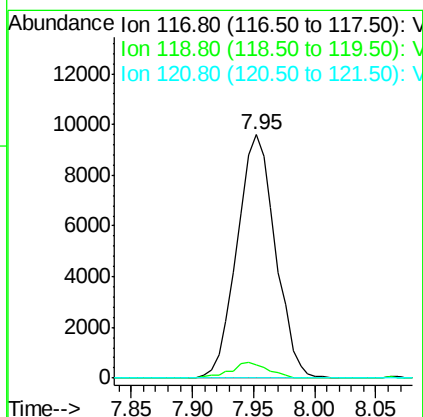
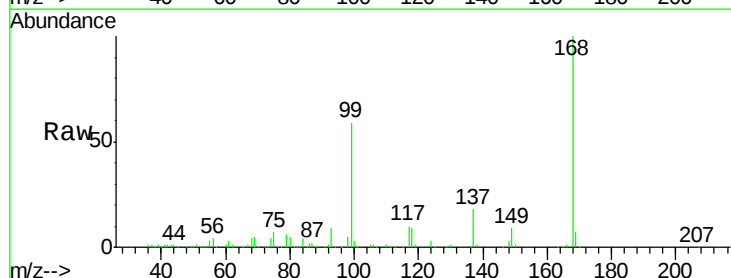
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MSVOA\_W  
ClientSampleId :  
WP021SB485-23-25-180619

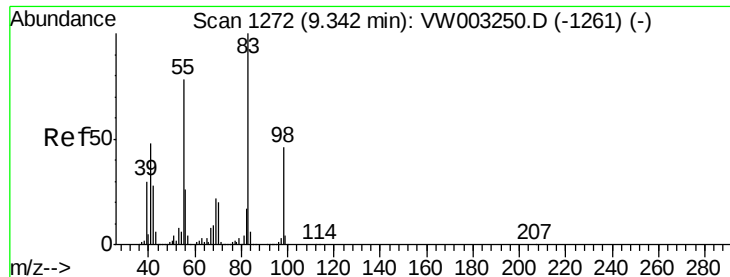
Tgt Ion: 43 Resp: 44855  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.8 16.2#  
70 0.4 7.8 11.6#



#38  
Carbon Tetrachloride  
Concen: 6.186 ug/l  
RT: 7.95 min Scan# 1044  
Delta R.T. -0.12 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

Tgt Ion: 117 Resp: 20850  
Ion Ratio Lower Upper  
117 100  
119 5.3 76.6 115.0#  
121 0.0 23.9 35.9#

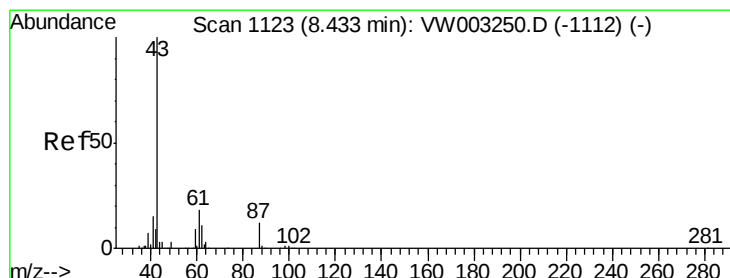
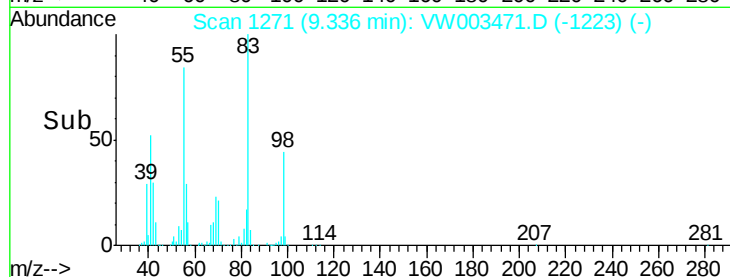
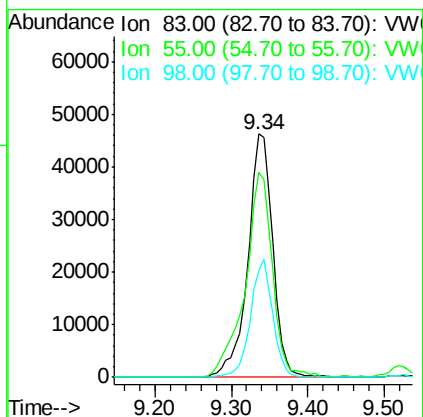
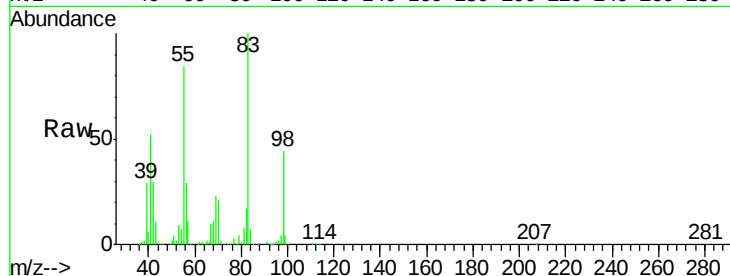




#39  
Methylcyclohexane  
Concen: 26.493 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

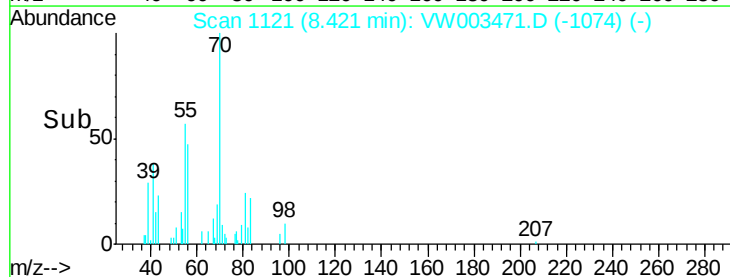
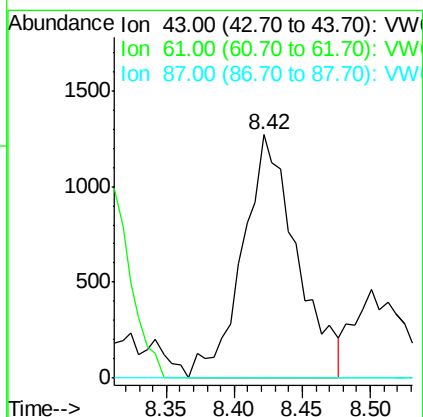
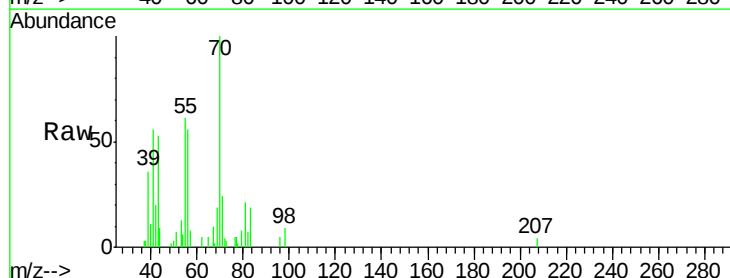
Instrument :  
MSVOA\_W  
ClientSampleId :  
WP021SB485-23-25-180619

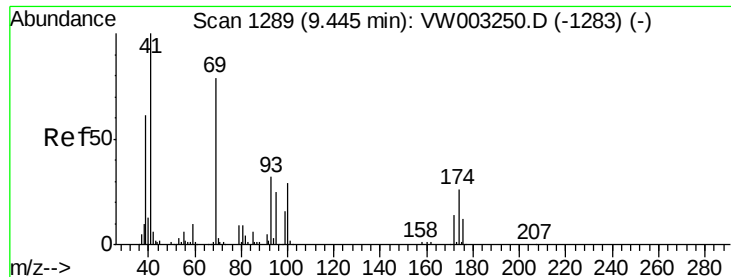
Tgt Ion: 83 Resp: 105334  
Ion Ratio Lower Upper  
83 100  
55 84.0 62.6 93.8  
98 43.9 37.0 55.4



#43  
Isopropyl Acetate  
Concen: 1.247 ug/l  
RT: 8.42 min Scan# 1121  
Delta R.T. -0.01 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

Tgt Ion: 43 Resp: 3526  
Ion Ratio Lower Upper  
43 100  
61 0.0 23.1 34.7#  
87 0.0 9.8 14.6#

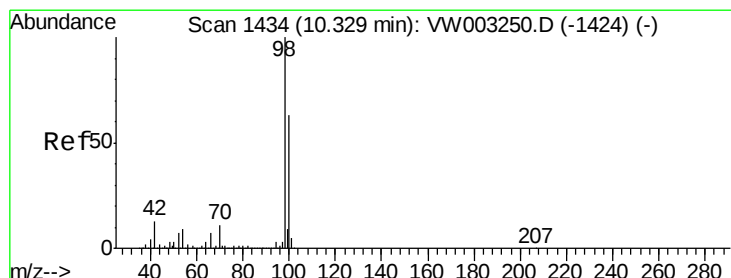
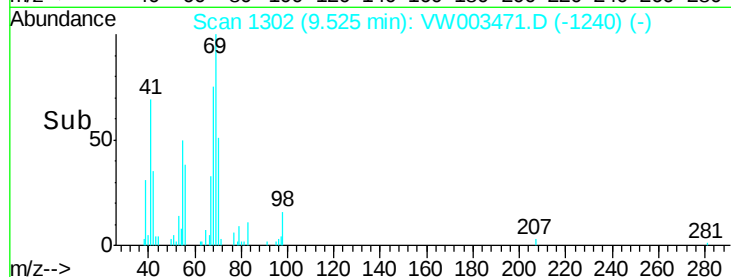
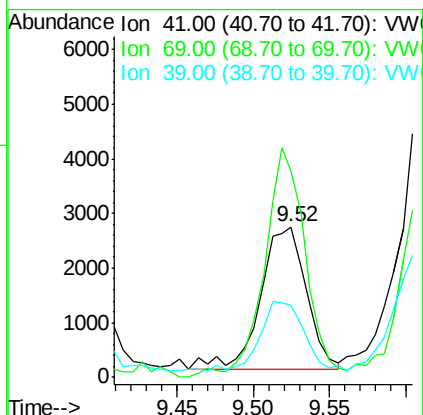
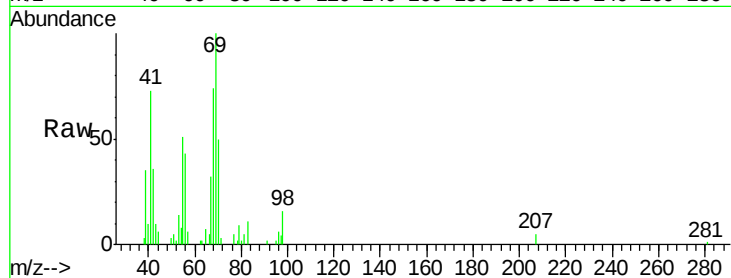




#48  
Methyl methacrylate  
Concen: 4.162 ug/l  
RT: 9.52 min Scan# 1302  
Delta R.T. 0.08 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

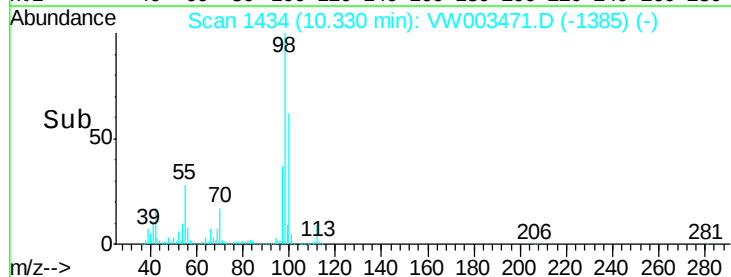
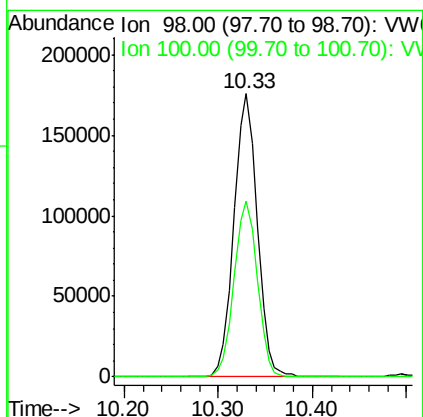
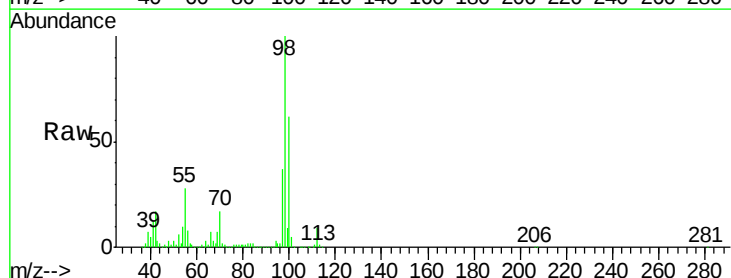
Instrument :  
MSVOA\_W  
ClientSampleId :  
WP021SB485-23-25-180619

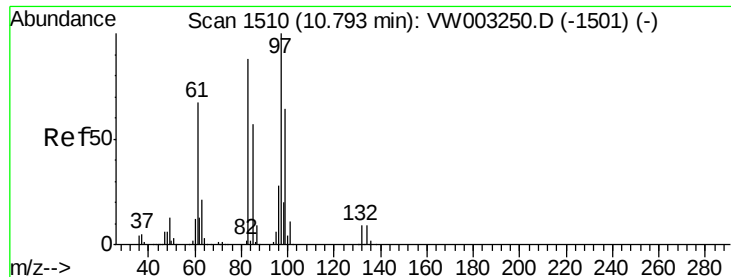
Tgt Ion: 41 Resp: 5529  
Ion Ratio Lower Upper  
41 100  
69 141.7 65.4 98.2#  
39 57.6 54.2 81.2



#50  
Toluene-d8  
Concen: 34.676 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

Tgt Ion: 98 Resp: 303985  
Ion Ratio Lower Upper  
98 100  
100 61.7 50.8 76.2

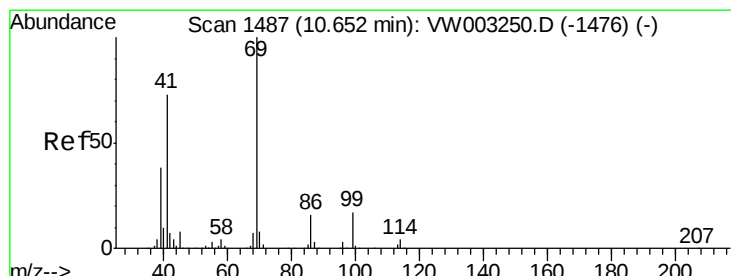
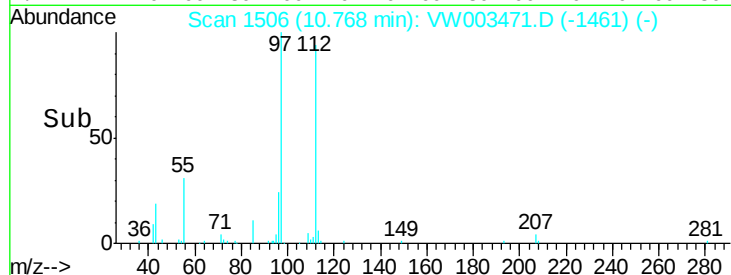
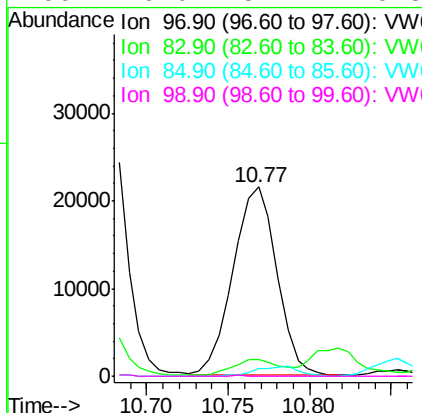
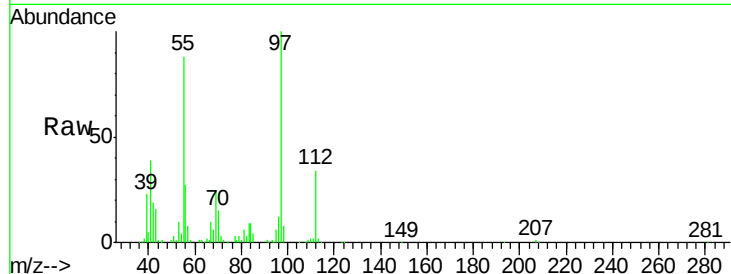




#55  
 1,1,2-Trichloroethane  
 Concen: 23.076 ug/l  
 RT: 10.77 min Scan# 1506  
 Delta R.T. -0.02 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

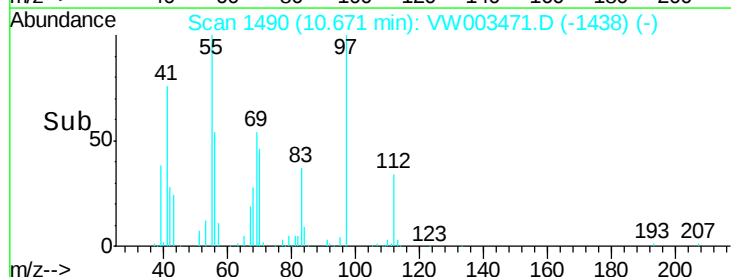
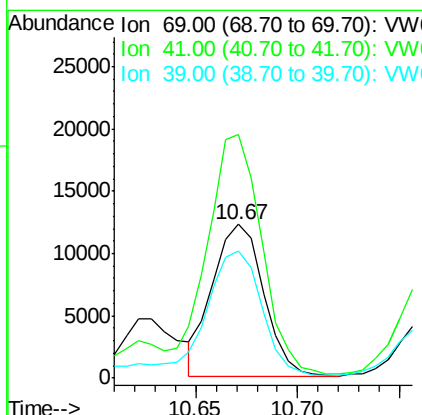
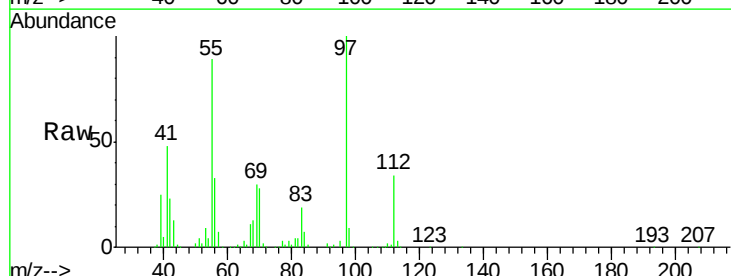
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WP021SB485-23-25-180619

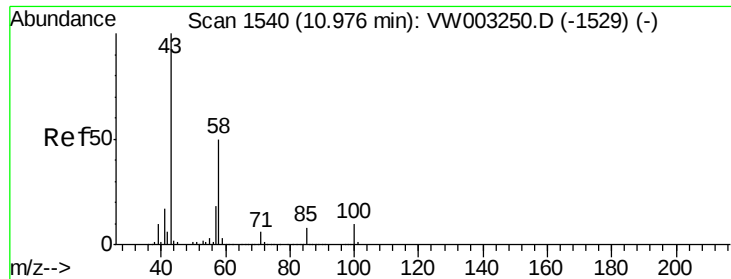
Tgt Ion: 97 Resp: 40149  
 Ion Ratio Lower Upper  
 97 100  
 83 8.2 70.2 105.2#  
 85 4.1 45.6 68.4#  
 99 0.0 51.2 76.8#



#56  
 Ethyl methacrylate  
 Concen: 10.053 ug/l  
 RT: 10.67 min Scan# 1490  
 Delta R.T. 0.02 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

Tgt Ion: 69 Resp: 21239  
 Ion Ratio Lower Upper  
 69 100  
 41 168.6 57.8 86.6#  
 39 99.9 32.7 49.1#

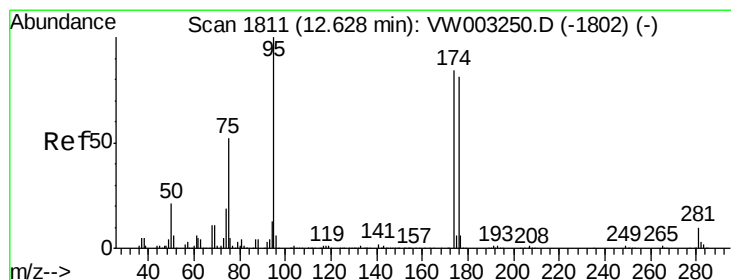
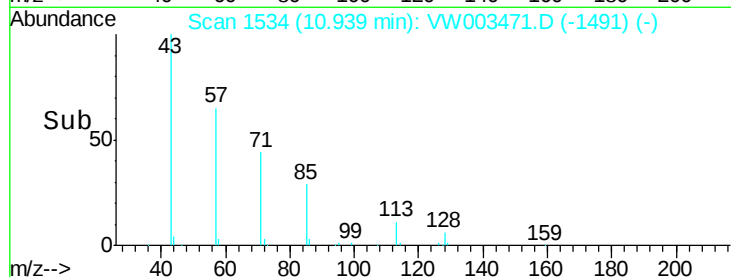
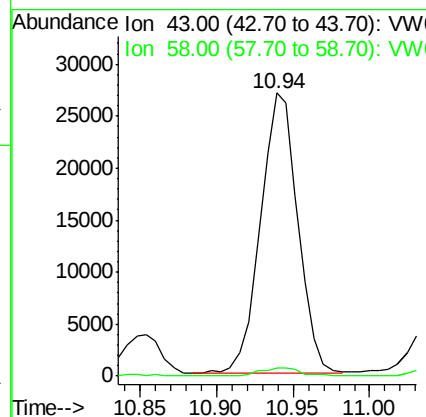
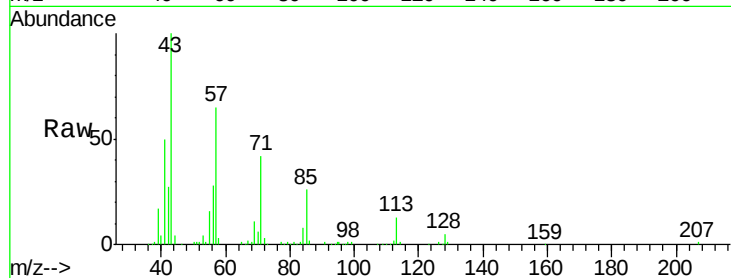




#59  
2-Hexanone  
Concen: 45.418 ug/l  
RT: 10.94 min Scan# 1534  
Delta R.T. -0.04 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

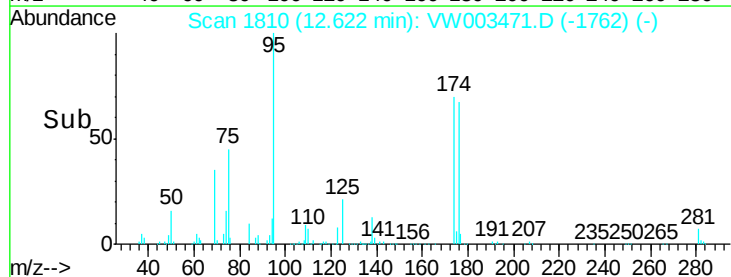
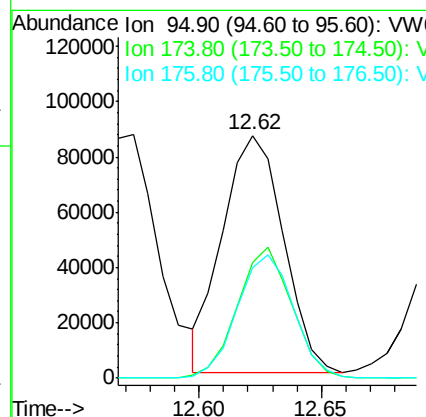
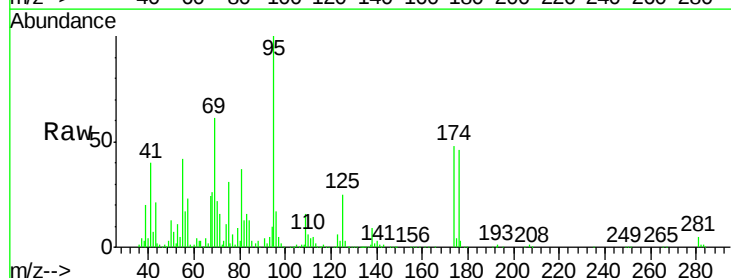
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MSVOA\_W  
ClientSampleId :  
WP021SB485-23-25-180619

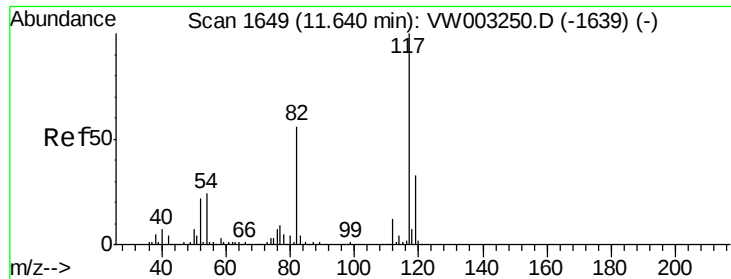
Tgt Ion: 43 Resp: 45698  
Ion Ratio Lower Upper  
43 100  
58 3.6 25.0 75.0#



#62  
4-Bromofluorobenzene  
Concen: 47.941 ug/l  
RT: 12.62 min Scan# 1810  
Delta R.T. -0.01 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

Tgt Ion: 95 Resp: 148731  
Ion Ratio Lower Upper  
95 100  
174 49.6 0.0 166.4  
176 48.5 0.0 162.0

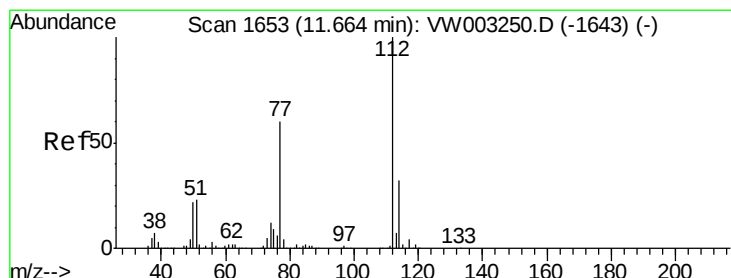
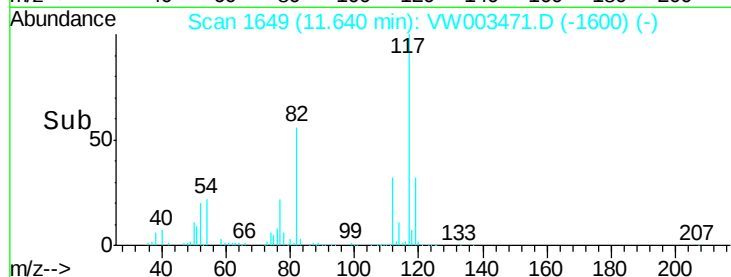
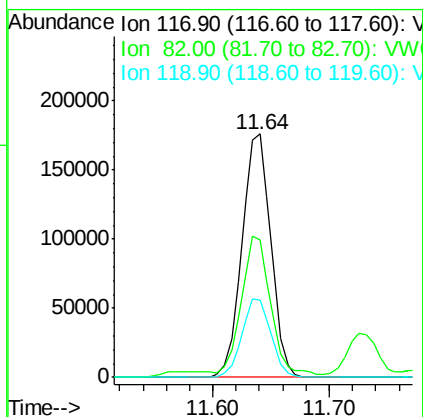
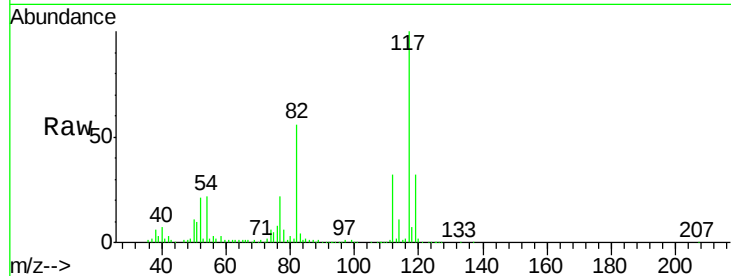




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1649  
Delta R.T. 0.00 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

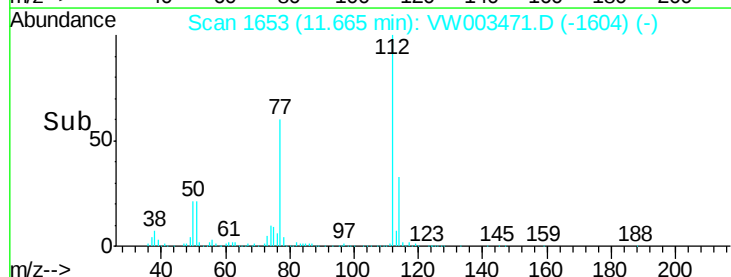
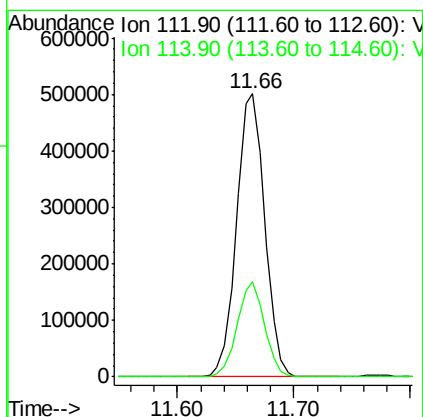
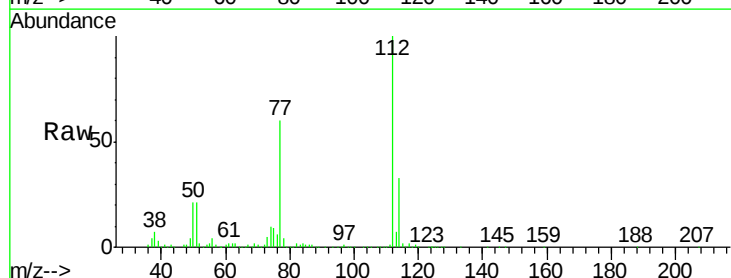
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ClientSampleId :  
WP021SB485-23-25-180619

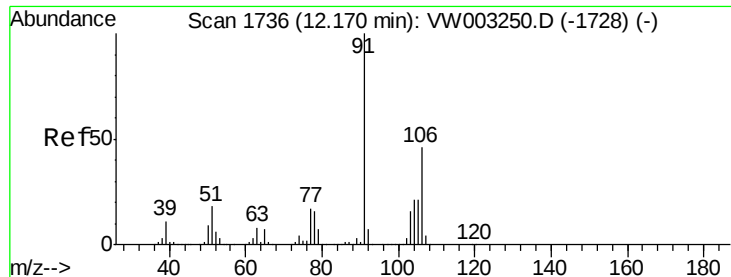
Tgt Ion:117 Resp: 303828  
Ion Ratio Lower Upper  
117 100  
82 54.0 44.6 67.0  
119 31.7 26.7 40.1



#65  
Chlorobenzene  
Concen: 133.498 ug/l  
RT: 11.66 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

Tgt Ion:112 Resp: 844640  
Ion Ratio Lower Upper  
112 100  
114 33.4 25.9 38.9

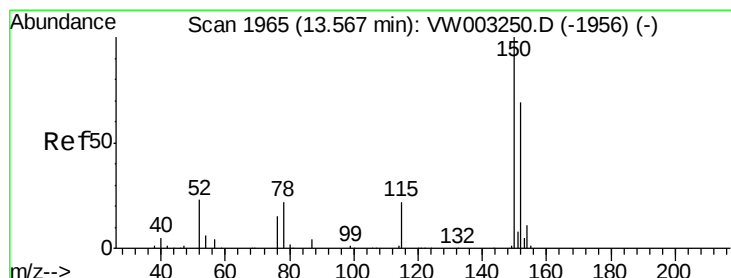
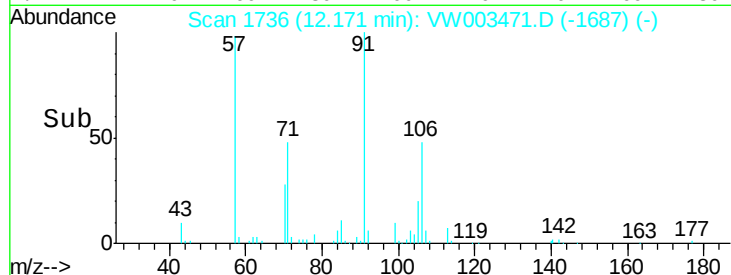
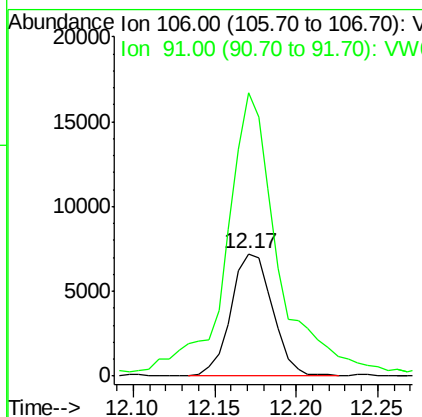
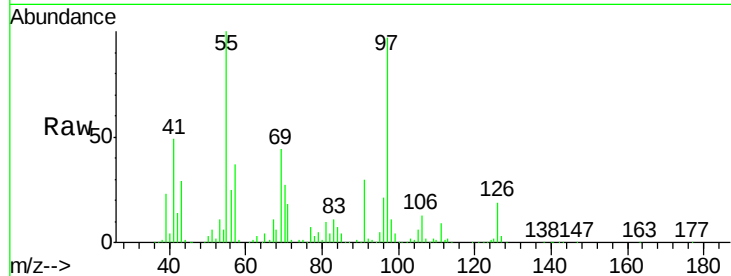




#69  
o-Xylene  
Concen: 3.230 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

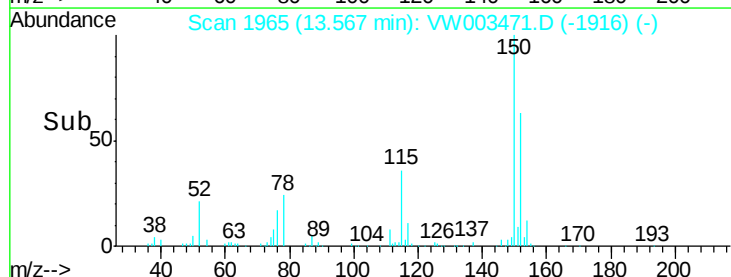
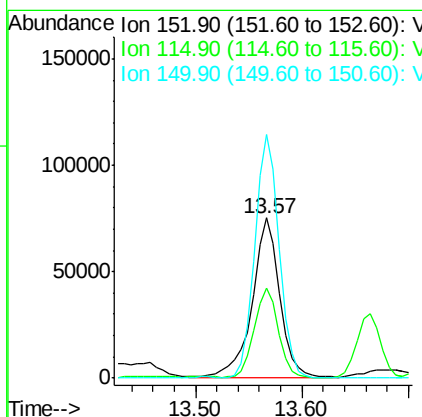
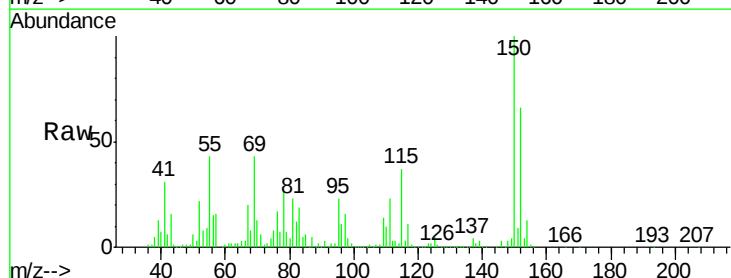
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MSVOA\_W  
ClientSampleId :  
WP021SB485-23-25-180619

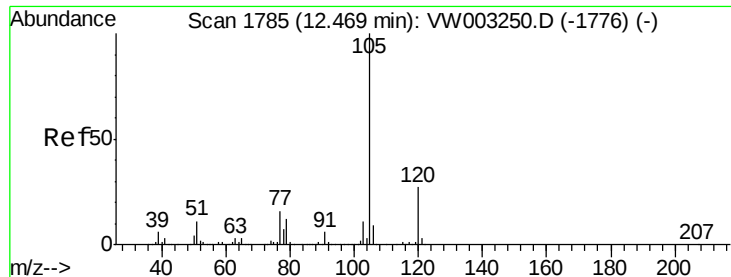
Tgt Ion:106 Resp: 12761  
Ion Ratio Lower Upper  
106 100  
91 287.5 108.6 325.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1965  
Delta R.T. 0.00 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

Tgt Ion:152 Resp: 135448  
Ion Ratio Lower Upper  
152 100  
115 49.0 29.3 88.0  
150 134.6 0.0 349.6





#73

Isopropylbenzene

Concen: 2.317 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA\_W

ClientSampleId :

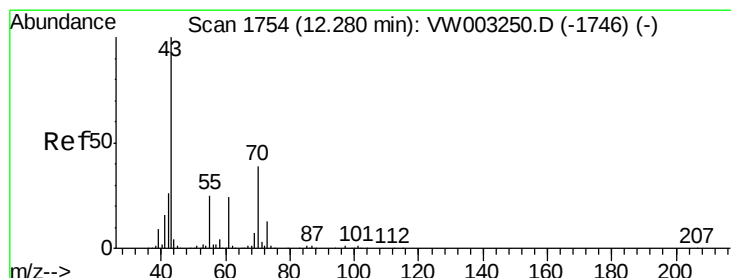
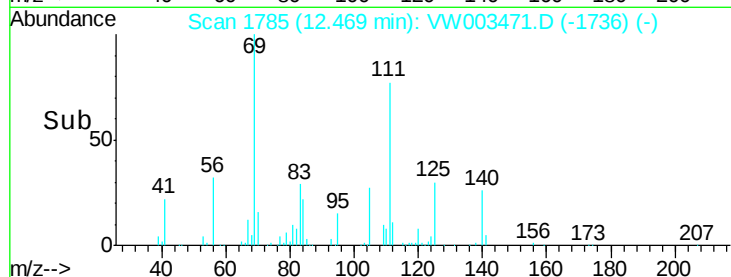
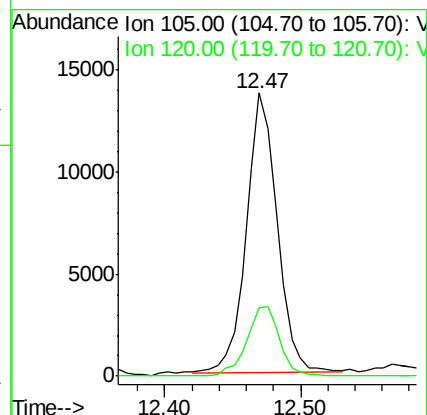
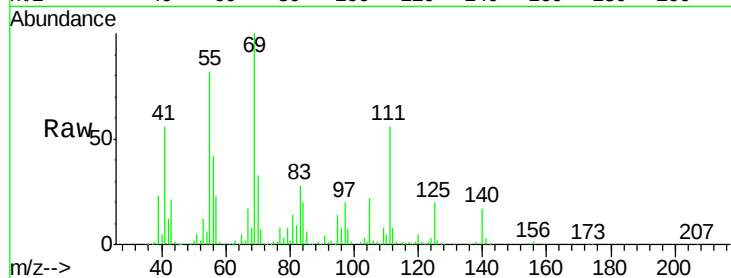
WP021SB485-23-25-180619

Tgt Ion:105 Resp: 21830

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 51.603 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Tgt Ion: 43 Resp: 110654

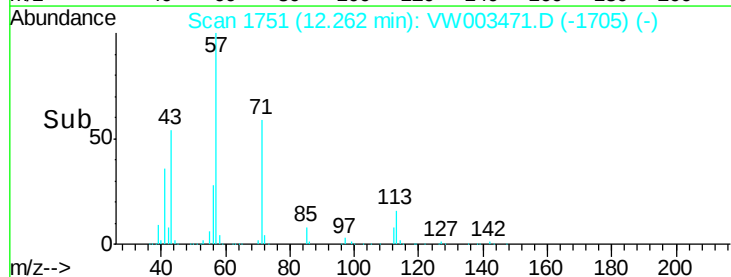
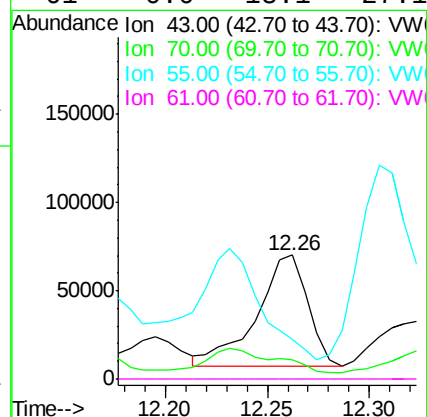
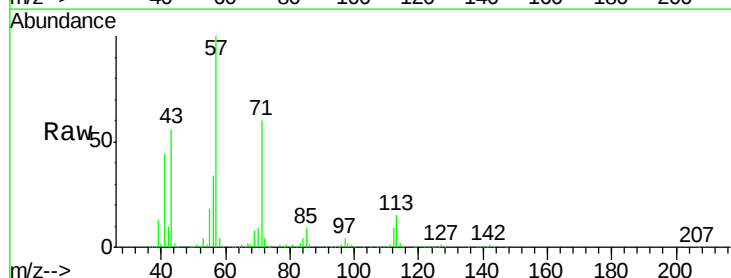
Ion Ratio Lower Upper

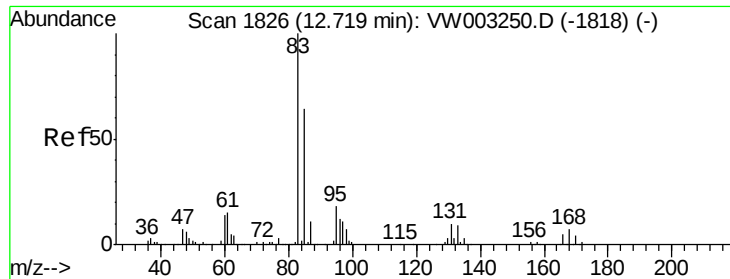
43 100

70 0.0 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 30.019 ug/l

RT: 12.70 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA\_W

ClientSampleId :

WP021SB485-23-25-180619

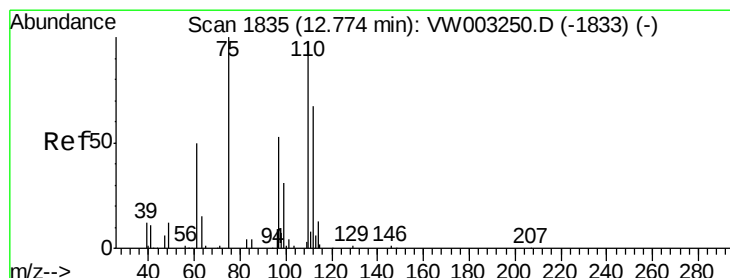
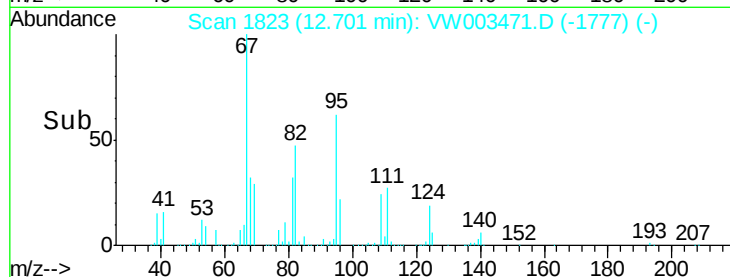
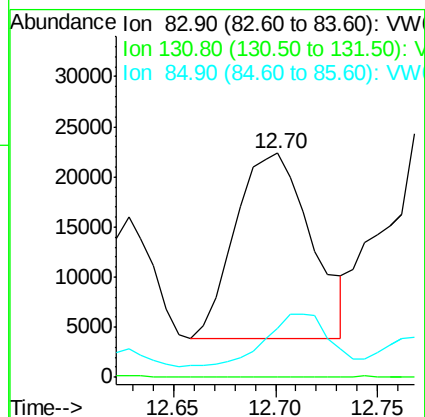
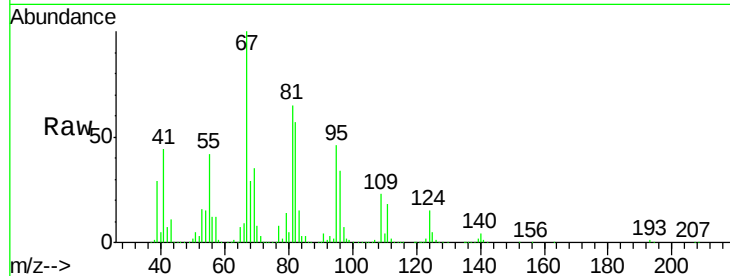
Tgt Ion: 83 Resp: 47845

Ion Ratio Lower Upper

83 100

131 0.1 5.4 16.2#

85 22.9 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 39.767 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003471.D

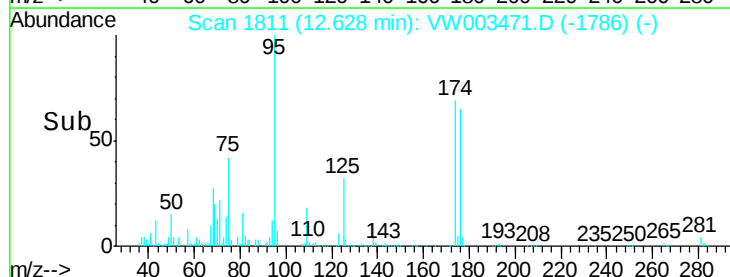
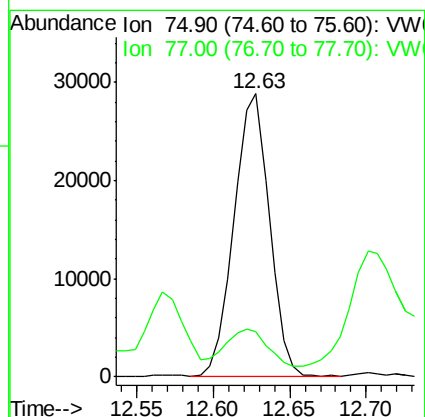
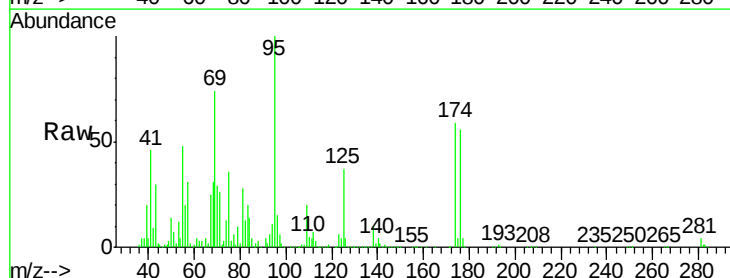
Acq: 23 Jun 2018 19:54

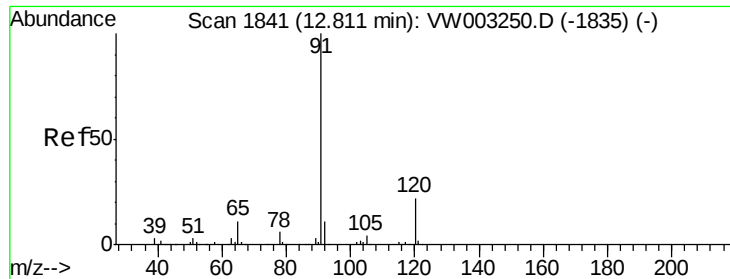
Tgt Ion: 75 Resp: 46047

Ion Ratio Lower Upper

75 100

77 15.0 0.0 0.0#

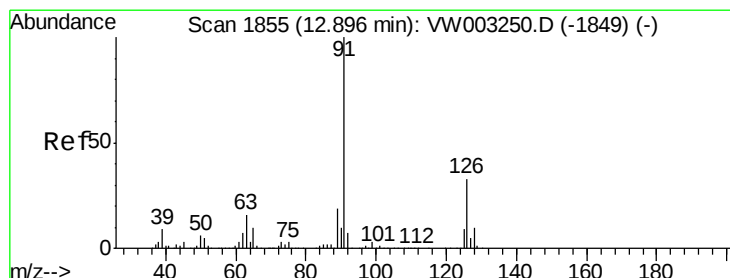
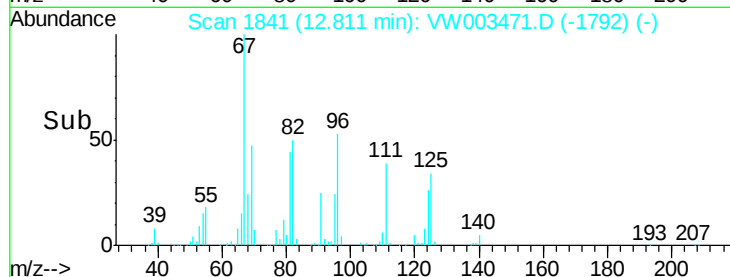
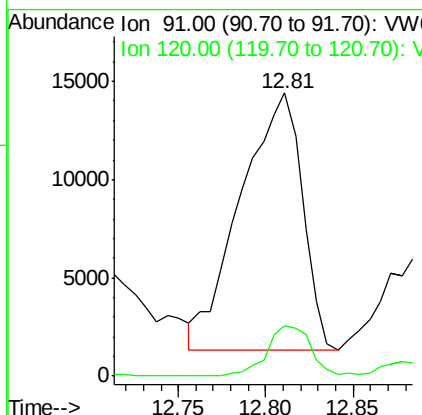
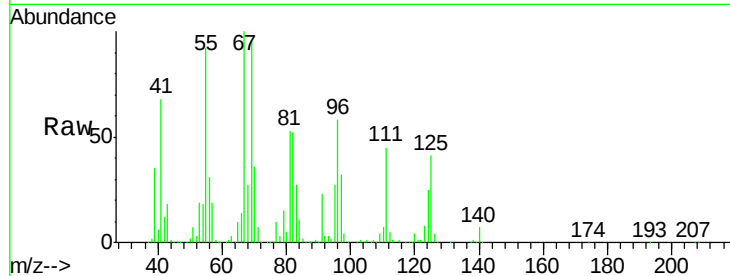




#78  
n-propylbenzene  
Concen: 2.773 ug/l  
RT: 12.81 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

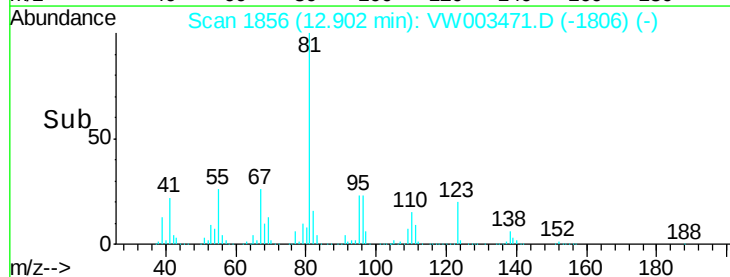
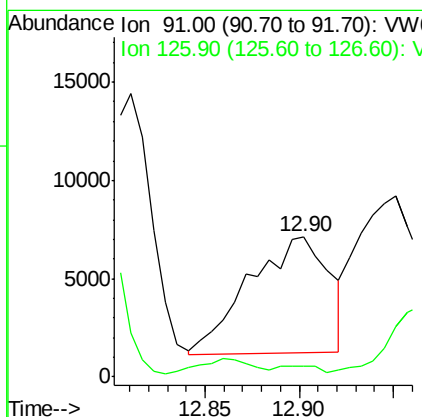
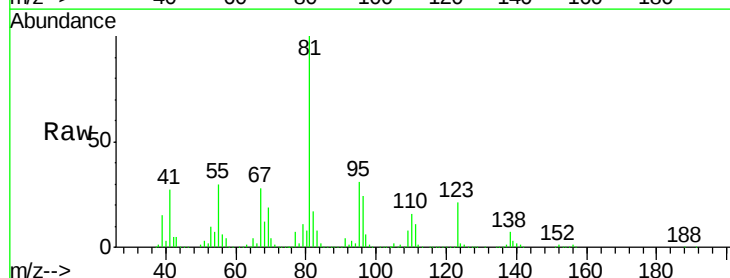
Instrument :  
MSVOA\_W  
ClientSampleId :  
WP021SB485-23-25-180619

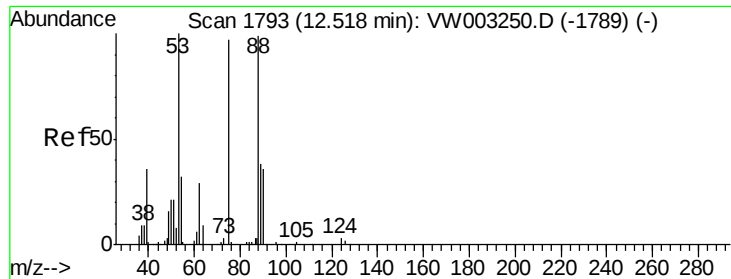
Tgt Ion: 91 Resp: 31989  
Ion Ratio Lower Upper  
91 100  
120 14.1 11.3 33.8



#79  
2-Chlorotoluene  
Concen: 2.658 ug/l  
RT: 12.90 min Scan# 1856  
Delta R.T. 0.01 min  
Lab File: VW003471.D  
Acq: 23 Jun 2018 19:54

Tgt Ion: 91 Resp: 17327  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.8 50.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 91.506 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA\_W

ClientSampleId :

WP021SB485-23-25-180619

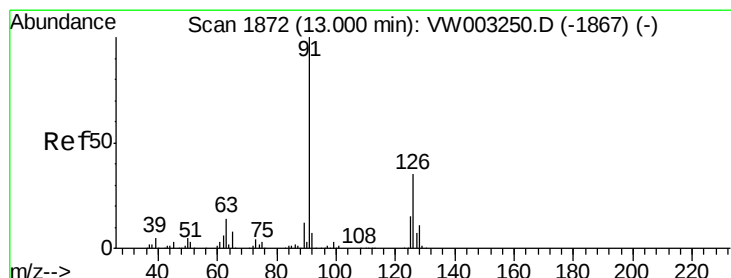
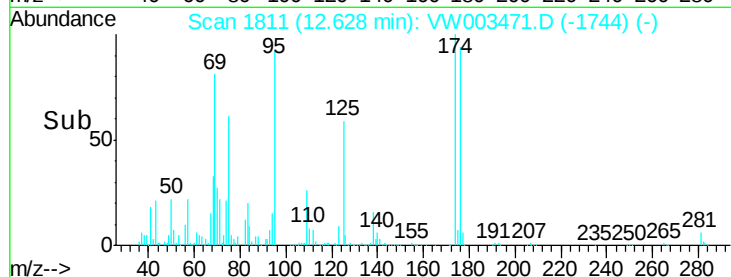
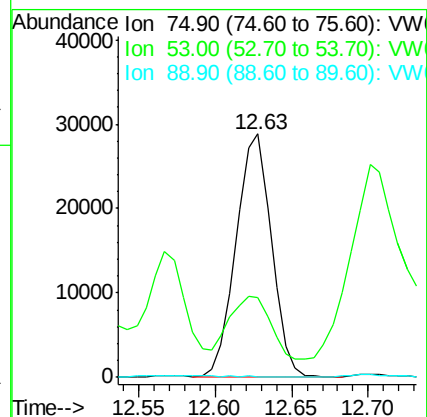
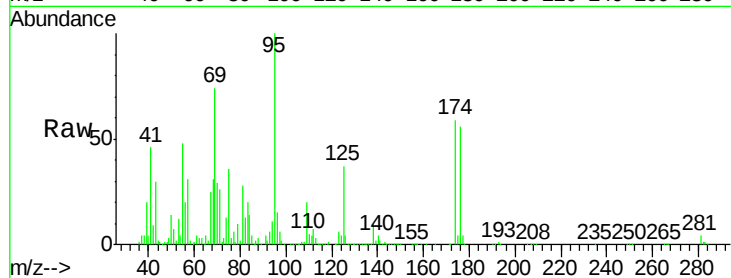
Tgt Ion: 75 Resp: 46047

Ion Ratio Lower Upper

75 100

53 29.3 82.9 124.3#

89 0.5 36.7 55.1#



#82

4-Chlorotoluene

Concen: 2.039 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.05 min

Lab File: VW003471.D

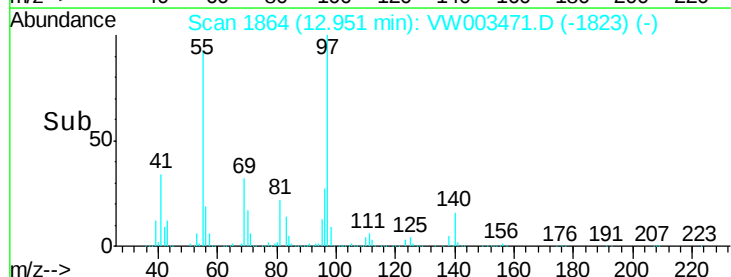
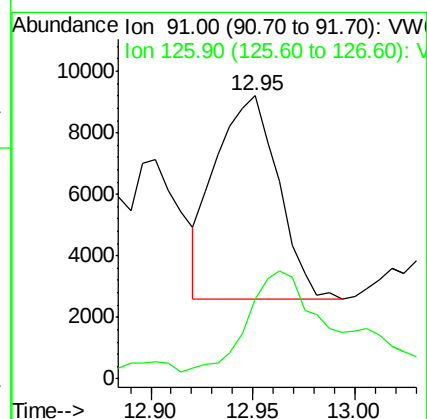
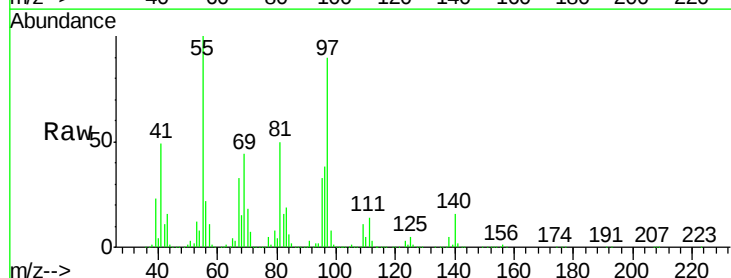
Acq: 23 Jun 2018 19:54

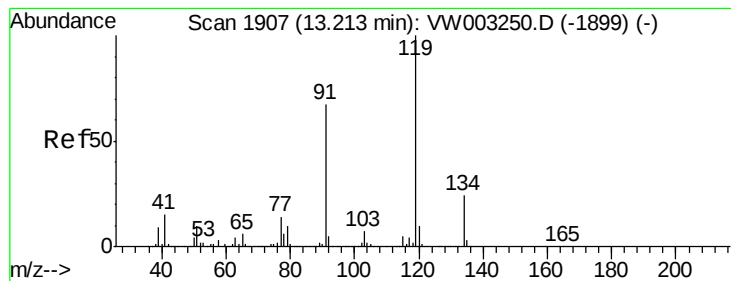
Tgt Ion: 91 Resp: 14104

Ion Ratio Lower Upper

91 100

126 70.3 16.8 50.3#





#83

tert-Butylbenzene

Concen: 18.825 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA\_W

ClientSampleId :

WP021SB485-23-25-180619

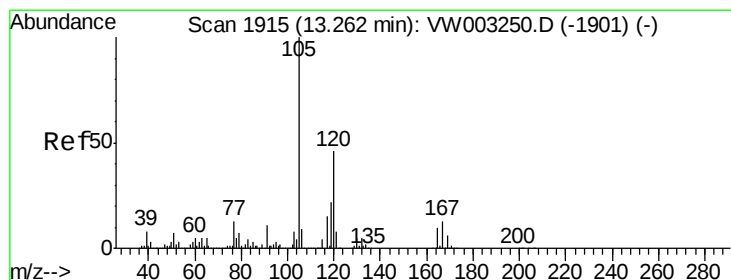
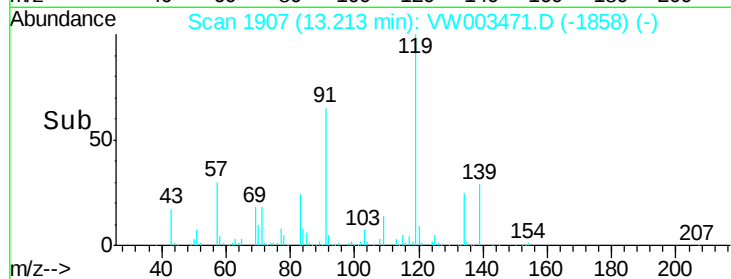
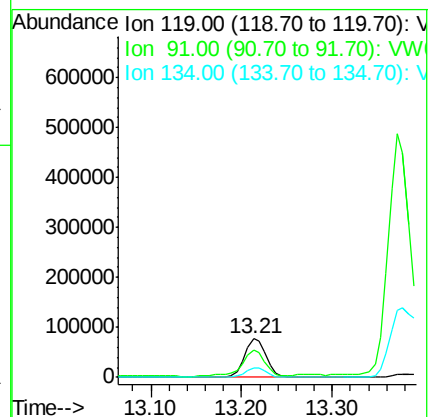
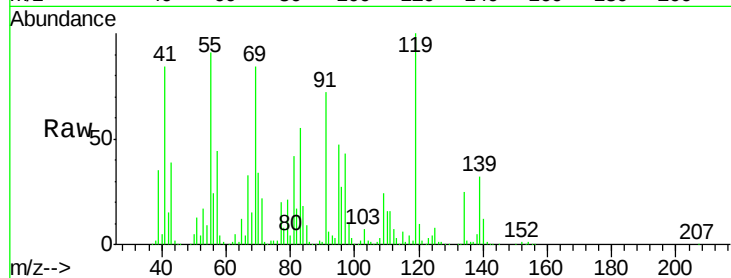
Tgt Ion:119 Resp: 126866

Ion Ratio Lower Upper

119 100

91 74.4 33.9 101.7

134 23.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 85.755 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.13 min

Lab File: VW003471.D

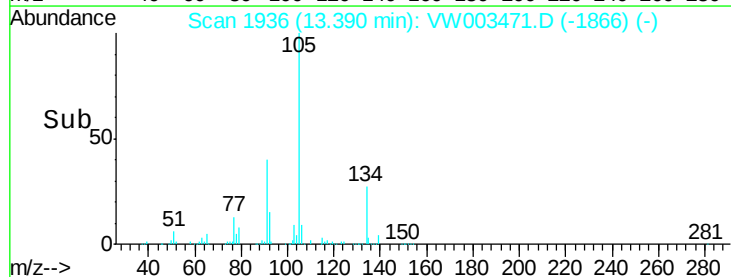
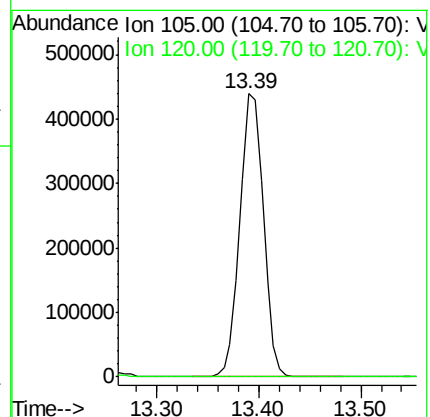
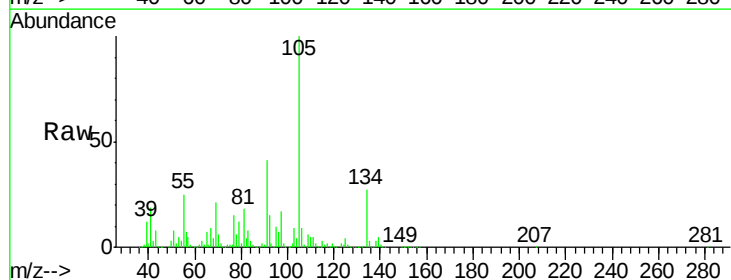
Acq: 23 Jun 2018 19:54

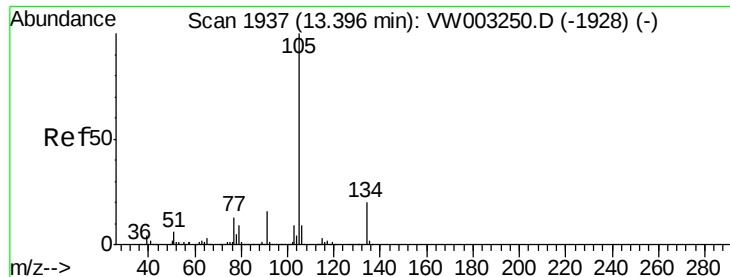
Tgt Ion:105 Resp: 697565

Ion Ratio Lower Upper

105 100

120 0.3 22.5 67.5#

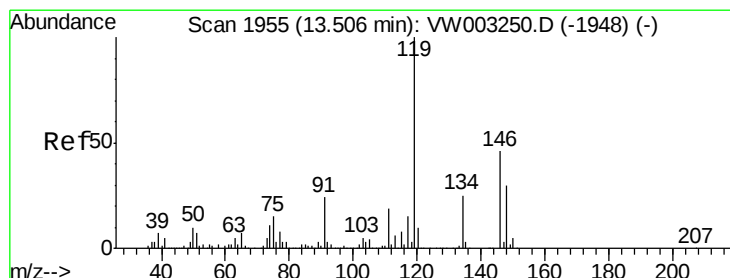
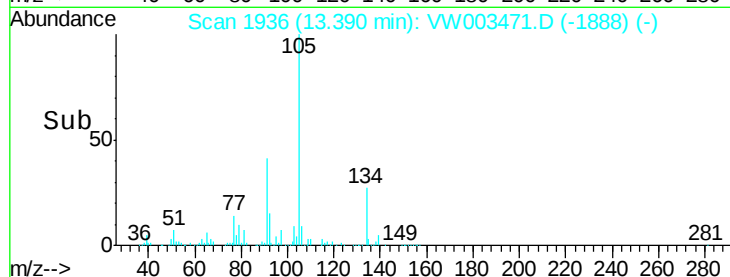
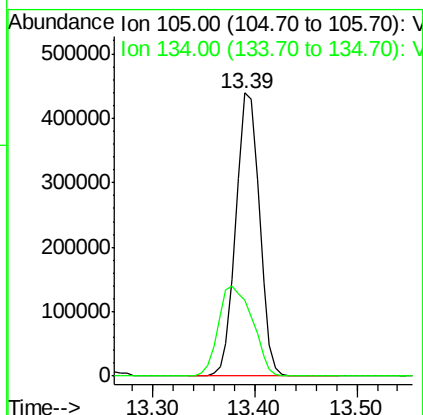
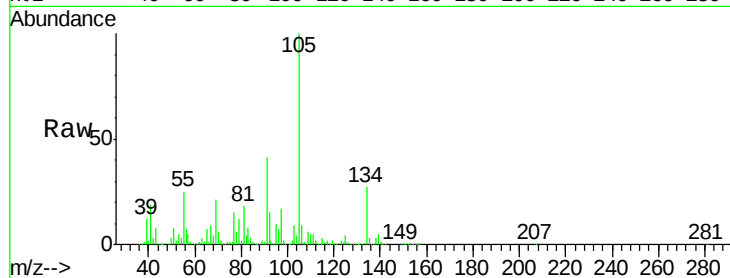




#85  
 sec-Butylbenzene  
 Concen: 69.638 ug/l  
 RT: 13.39 min Scan# 1936  
 Delta R.T. -0.01 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

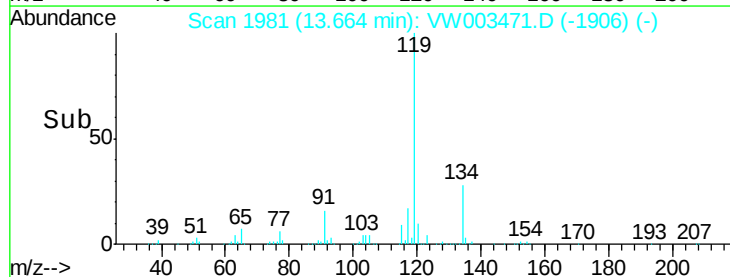
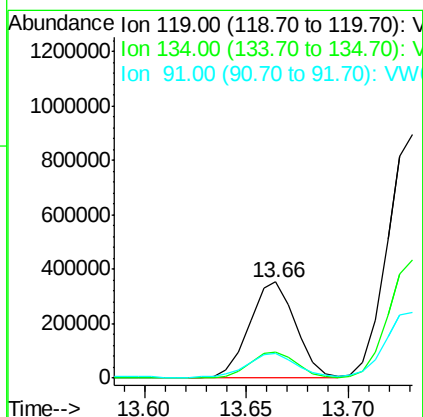
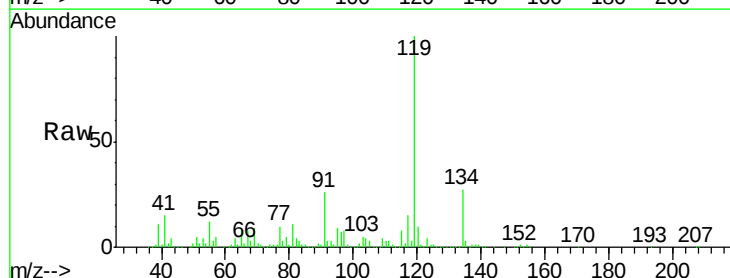
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WP021SB485-23-25-180619

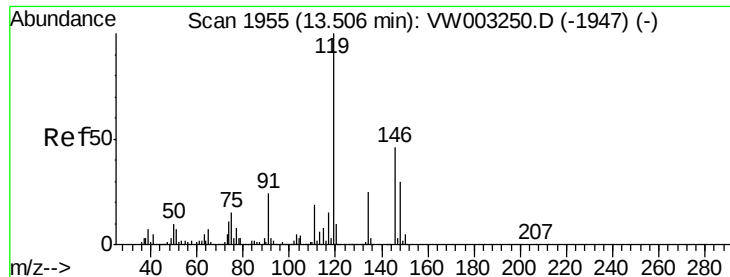
Tgt Ion:105 Resp: 697565  
 Ion Ratio Lower Upper  
 105 100  
 134 46.5 9.8 29.5#



#86  
 p-Isopropyltoluene  
 Concen: 62.764 ug/l  
 RT: 13.66 min Scan# 1981  
 Delta R.T. 0.16 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

Tgt Ion:119 Resp: 554522  
 Ion Ratio Lower Upper  
 119 100  
 134 27.8 12.9 38.7  
 91 26.5 11.8 35.3

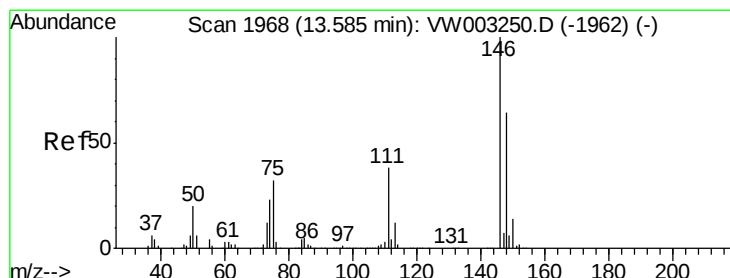
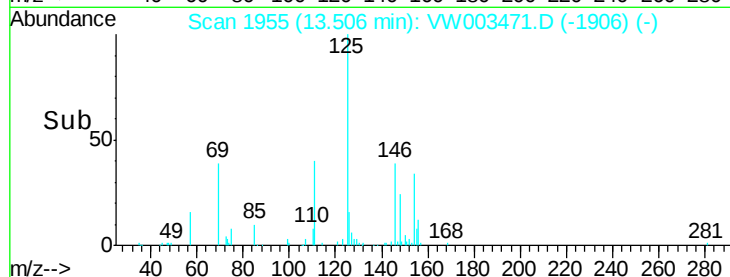
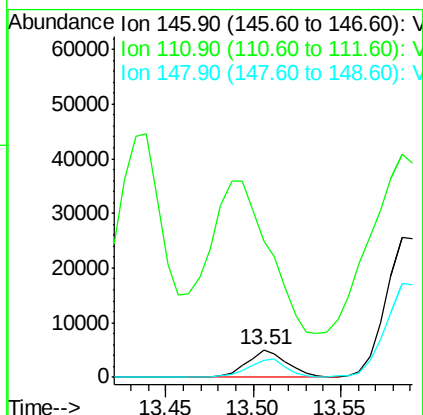
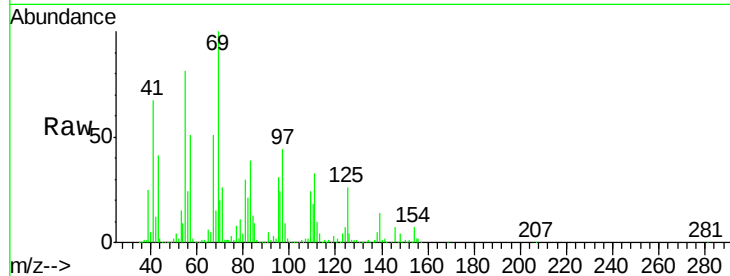




#87  
 1,3-Dichlorobenzene  
 Concen: 1.748 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

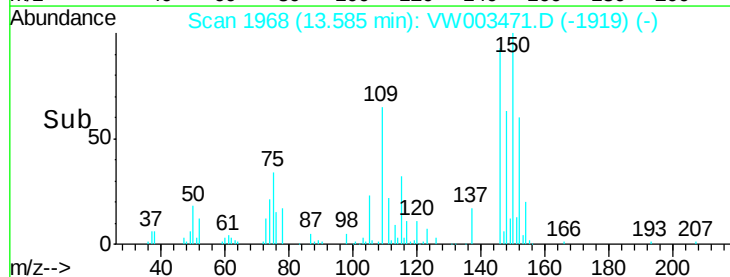
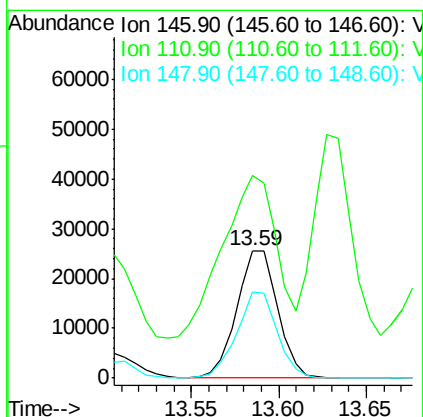
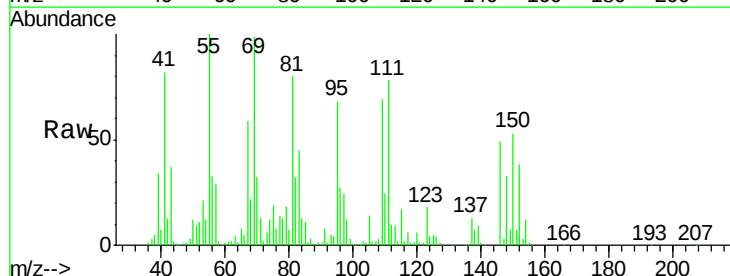
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WP021SB485-23-25-180619

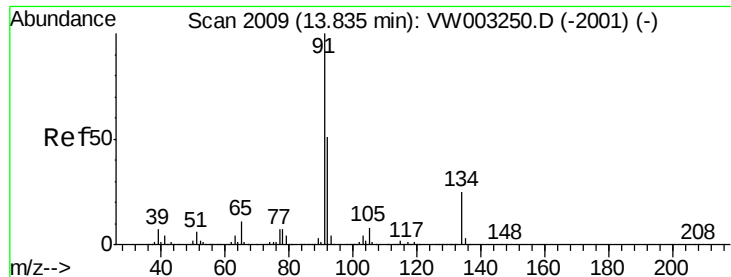
Tgt Ion:146 Resp: 7880  
 Ion Ratio Lower Upper  
 146 100  
 111 788.1 19.8 59.4#  
 148 63.8 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 9.296 ug/l  
 RT: 13.59 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

Tgt Ion:146 Resp: 41655  
 Ion Ratio Lower Upper  
 146 100  
 111 168.0 19.2 57.6#  
 148 66.8 31.8 95.4





#89

n-Butylbenzene

Concen: 39.236 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.01 min

Lab File: VW003471.D

Acq: 23 Jun 2018 19:54

Instrument :

MSVOA\_W

ClientSampleId :

WP021SB485-23-25-180619

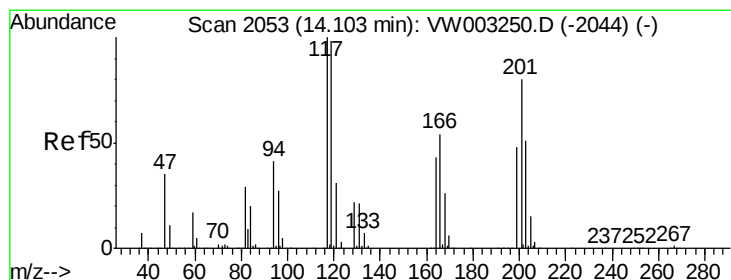
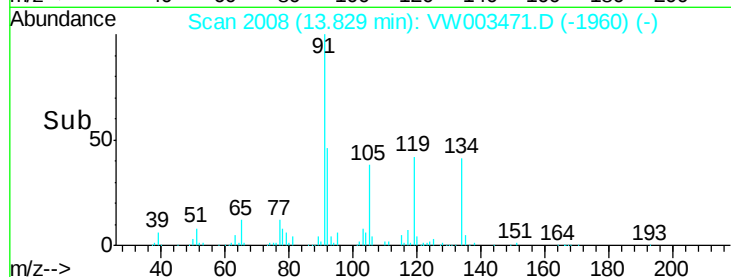
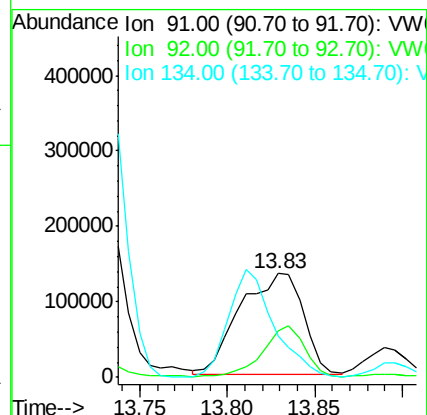
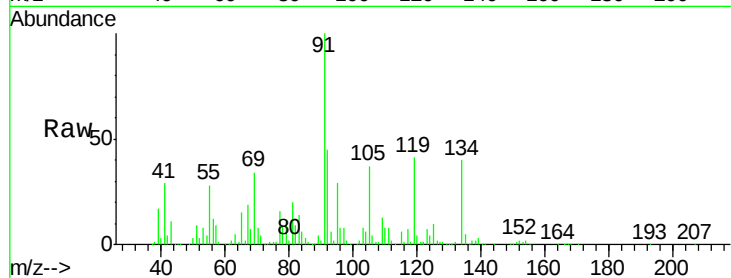
Tgt Ion: 91 Resp: 337900

Ion Ratio Lower Upper

91 100

92 33.7 26.0 78.0

134 0.0 12.7 38.0#



#90

Hexachloroethane

Concen: 231.044 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW003471.D

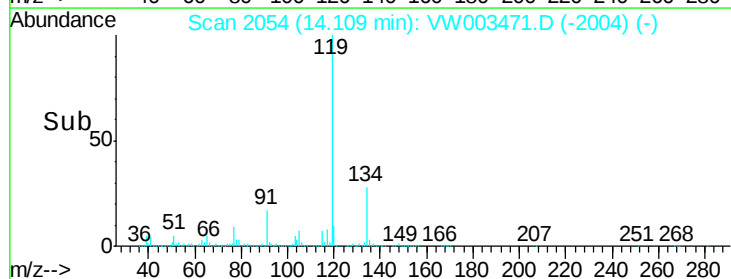
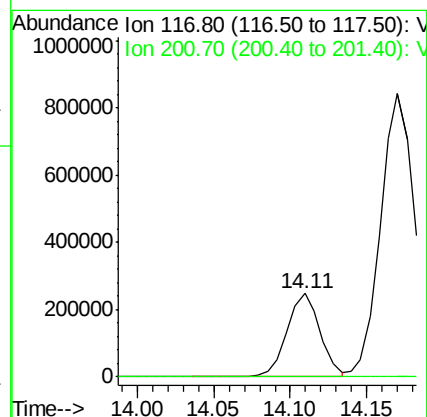
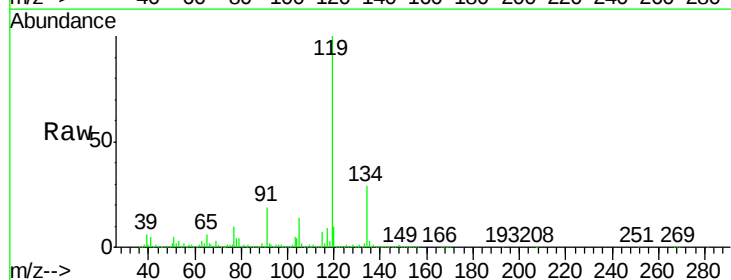
Acq: 23 Jun 2018 19:54

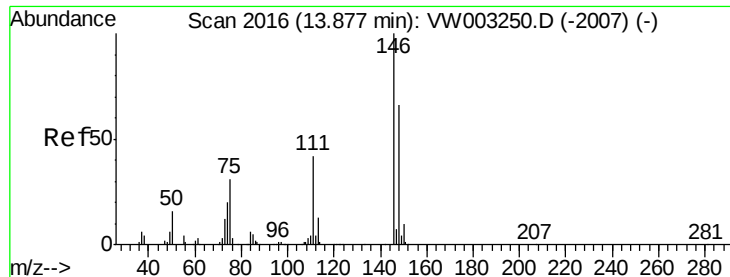
Tgt Ion: 117 Resp: 369262

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#

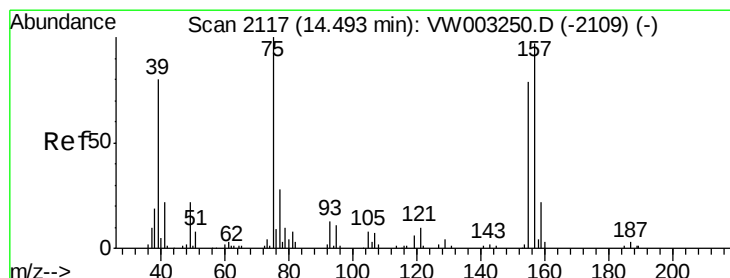
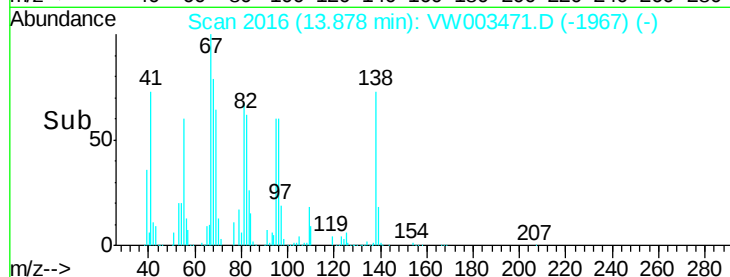
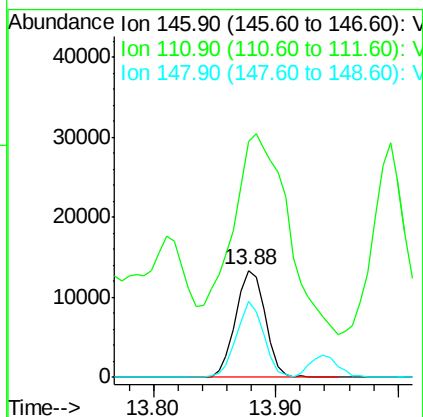
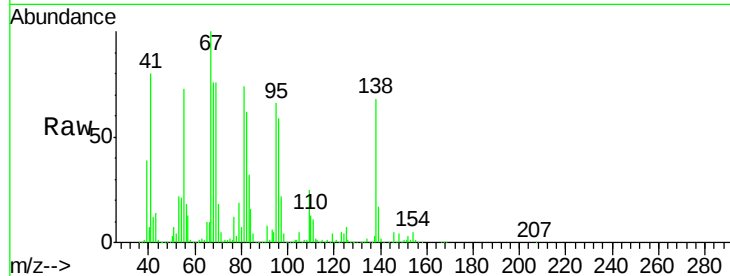




#91  
 1,2-Dichlorobenzene  
 Concen: 5.681 ug/l  
 RT: 13.88 min Scan# 2016  
 Delta R.T. 0.00 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

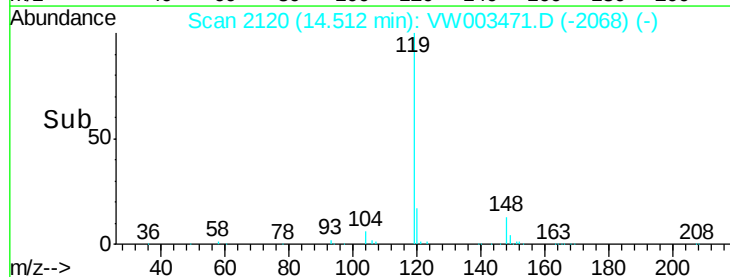
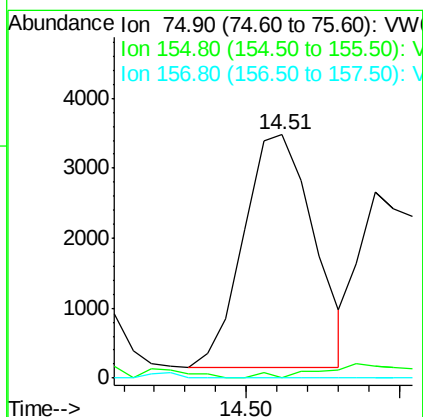
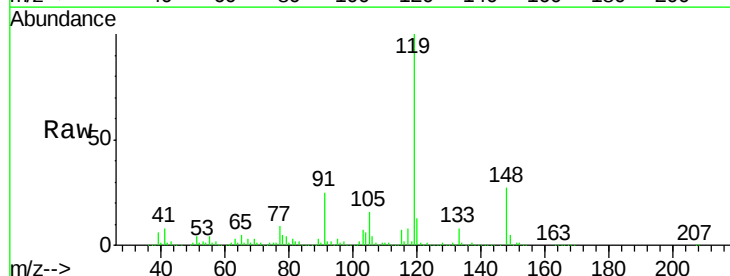
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WP021SB485-23-25-180619

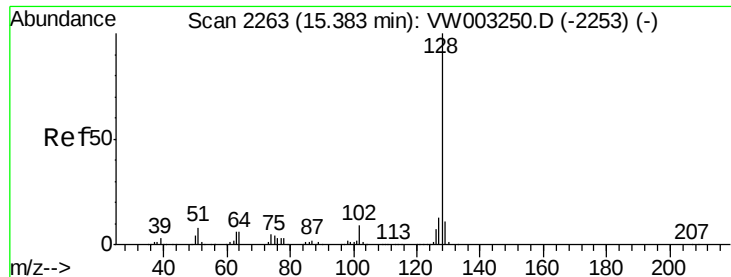
Tgt Ion: 146 Resp: 22431  
 Ion Ratio Lower Upper  
 146 100  
 111 351.0 20.3 61.0#  
 148 65.1 32.3 96.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.868 ug/l  
 RT: 14.51 min Scan# 2120  
 Delta R.T. 0.02 min  
 Lab File: VW003471.D  
 Acq: 23 Jun 2018 19:54

Tgt Ion: 75 Resp: 5329  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 39.4 118.2#  
 157 0.0 51.5 154.5#





#95

Naphthalene

Concen: 3.731 ug/l

RT: 15.33 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VW003471.D

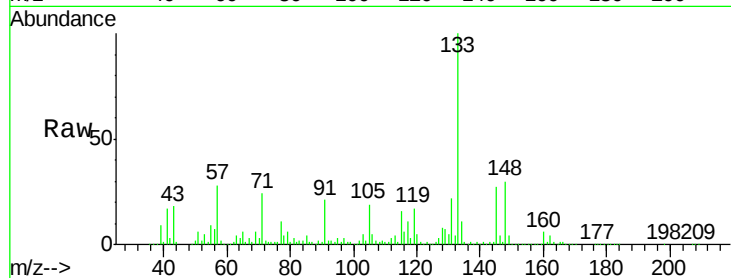
Acq: 23 Jun 2018 19:54

Instrument :

MSVOA\_W

ClientSampleId :

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 17540 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 61.6  | 10.5  | 15.7# |
| 129      | 113.6 | 8.9   | 13.3# |

