

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\  
 Data File : VW008015.D  
 Acq On : 03 Jan 2019 12:43  
 Operator : SY/AP  
 Sample : VW0103SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/4/2019 12:02:13 PM

Quant Time: Jan 04 03:25:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010219S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 03 05:03:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 66681    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 104356   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 94497    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 48732    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 40161    | 54.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.90% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 36217    | 55.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.10% |      |
| 50) Toluene-d8            | 10.32  | 98  | 138314   | 56.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.10% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 53406    | 56.43 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.86% |      |

## Target Compounds

|                               |      |     |       |         |        | Qvalue |
|-------------------------------|------|-----|-------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 11345 | 18.540  | ug/l   | 90     |
| 3) Chloromethane              | 2.21 | 50  | 8406  | 18.517  | ug/l   | 93     |
| 4) Vinyl Chloride             | 2.37 | 62  | 11263 | 19.210  | ug/l   | 100    |
| 5) Bromomethane               | 2.78 | 94  | 6984  | 18.749  | ug/l   | 90     |
| 6) Chloroethane               | 2.93 | 64  | 5696  | 19.008  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 10775 | 18.308  | ug/l   | 92     |
| 8) Diethyl Ether              | 3.68 | 74  | 5898  | 19.511  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 13860 | 19.817  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.27 | 142 | 21672 | 19.260  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.17 | 59  | 5167  | 107.835 | ug/l # | 90     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 13159 | 19.656  | ug/l   | 82     |
| 13) Acrolein                  | 3.89 | 56  | 3171  | 97.674  | ug/l   | 100    |
| 14) Allyl chloride            | 4.67 | 41  | 16905 | 18.639  | ug/l   | 97     |
| 15) Acrylonitrile             | 5.37 | 53  | 11209 | 100.817 | ug/l   | 98     |
| 16) Acetone                   | 4.12 | 43  | 11389 | 99.758  | ug/l   | 90     |
| 17) Carbon Disulfide          | 4.37 | 76  | 37777 | 18.473  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.66 | 43  | 5715  | 19.303  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 20227 | 19.199  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.91 | 84  | 17032 | 22.903  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 13895 | 19.076  | ug/l   | 99     |
| 22) Diisopropyl ether         | 6.31 | 45  | 32184 | 19.770  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.26 | 43  | 89175 | 97.906  | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 23117 | 19.112  | ug/l # | 96     |
| 25) 2-Butanone                | 7.17 | 43  | 13361 | 99.329  | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 19856 | 19.925  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 15035 | 19.378  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.51 | 49  | 7937  | 20.416  | ug/l # | 100    |
| 29) Tetrahydrofuran           | 7.53 | 42  | 7884  | 94.359  | ug/l   | 97     |
| 30) Chloroform                | 7.67 | 83  | 26502 | 19.550  | ug/l   | 98     |
| 31) Cyclohexane               | 7.95 | 56  | 20924 | 18.560  | ug/l # | 88     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 24910 | 19.204  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 20209 | 19.631  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.26 | 43  | 5950  | 19.242  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 23919 | 19.388  | ug/l   | 96     |

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 Operator : SY/AP  
 Sample : VW0103SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0103SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/4/2019 12:02:13 PM

Quant Time: Jan 04 03:25:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010219S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 03 05:03:55 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.33  | 83   | 24266    | 18.911  | ug/l   | 98       |
| 40) Benzene                    | 8.32  | 78   | 53775    | 19.801  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 3367     | 18.520  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 17605    | 19.456  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 12807    | 20.729  | ug/l   | 98       |
| 44) Trichloroethene            | 9.09  | 130  | 16076    | 20.060  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 12097    | 20.579  | ug/l   | 93       |
| 46) Dibromomethane             | 9.46  | 93   | 6662     | 19.384  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.64  | 83   | 18786    | 19.516  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 5879     | 18.872  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 2034     | 399.925 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 28419    | 99.370  | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 34938    | 19.487  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 18302    | 19.773  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 20664    | 20.006  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 9307     | 20.001  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 10205    | 19.399  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 15657    | 19.802  | ug/l   | 94       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 28132    | 112.761 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.97 | 43   | 20174    | 102.180 | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.13 | 129  | 12374    | 19.427  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 9289     | 19.948  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.86 | 164  | 12844    | 19.677  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.66 | 112  | 39656    | 19.636  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 14749    | 20.166  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 72794    | 20.307  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 54741    | 39.499  | ug/l   | 98       |
| 69) o-Xylene                   | 12.17 | 106  | 25167    | 19.516  | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 41942    | 19.955  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 6782     | 20.015  | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.47 | 105  | 74962    | 19.345  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 11681    | 19.365  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 9588     | 19.446  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 7838m    | 20.217  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 15945    | 19.144  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 86633    | 19.283  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 50783    | 19.557  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 64836    | 19.438  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 3238     | 19.751  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 52863    | 19.146  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 56859    | 19.484  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 65688    | 19.443  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 77908    | 19.407  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 70998    | 19.607  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 33310    | 19.821  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 33318    | 20.025  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.83 | 91   | 65929    | 19.905  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 12199    | 19.415  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 29461    | 19.949  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 1975     | 19.736  | ug/l   | 94       |

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Data File : VW008015.D  
Acq On : 03 Jan 2019 12:43  
Operator : SY/AP  
Sample : VW0103SBSD01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBSD01

Manual Integrations  
APPROVED

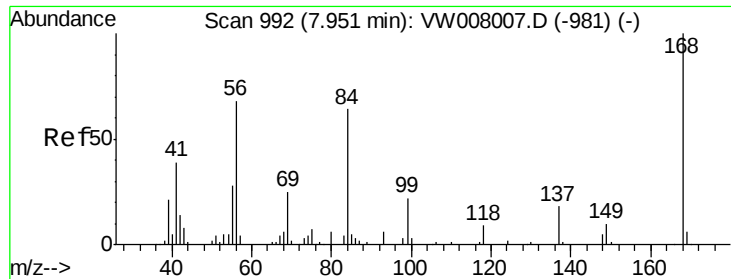
MMDadoda  
1/4/2019 12:02:13 PM

Quant Time: Jan 04 03:25:15 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010219S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 03 05:03:55 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 20008    | 19.290 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 11763    | 19.642 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 34835    | 19.720 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 17066    | 19.997 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBSD01

Tot Ion:168 Resp: 66681

Ion Ratio Lower Upper

168 100

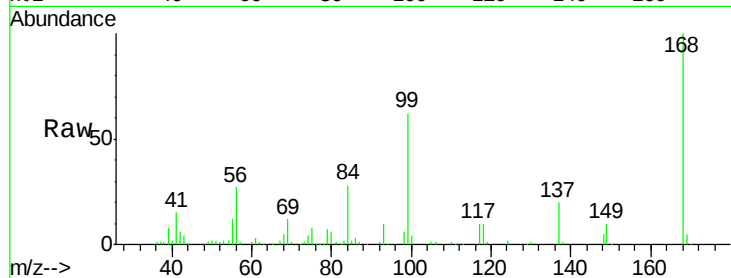
99 62.5 51.6 77.4

Manual Integrations

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1/4/2019 12:02:13 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

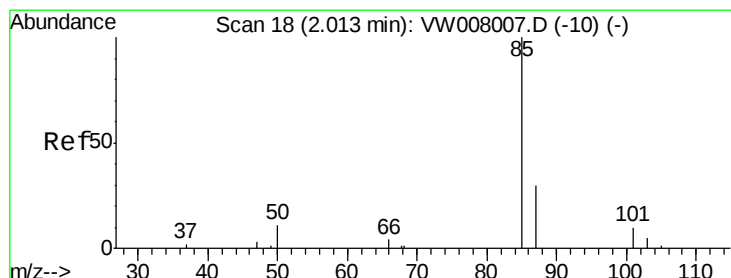
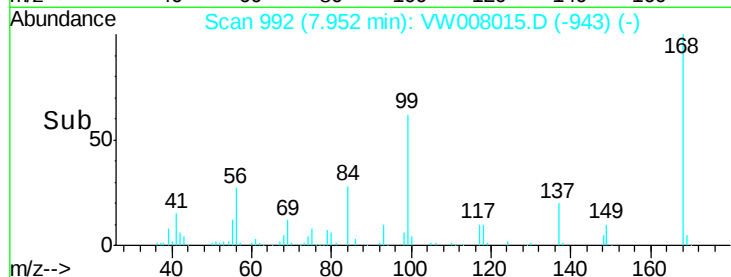
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 18.540 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008015.D

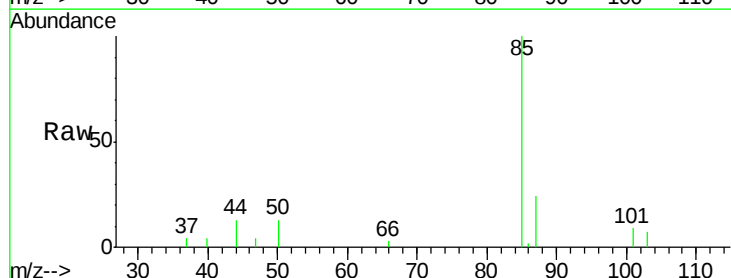
Acq: 03 Jan 2019 12:43

Tgt Ion: 85 Resp: 11345

Ion Ratio Lower Upper

85 100

87 24.5 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

3000

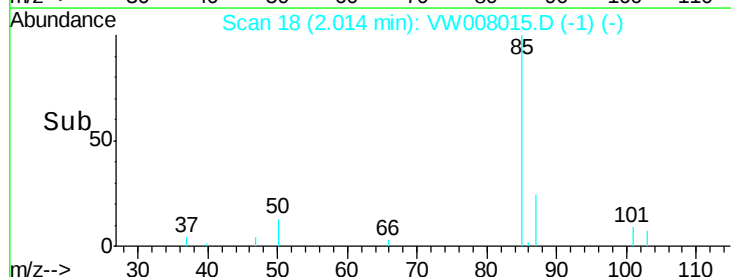
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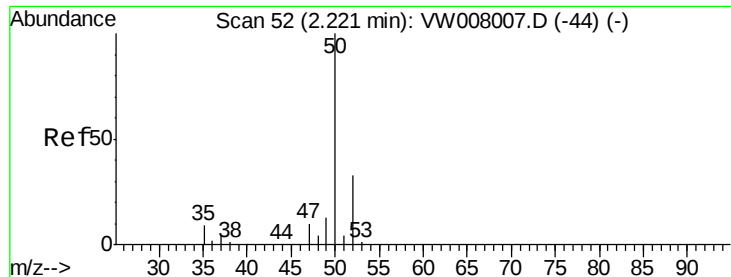
1000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 18.517 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBS01

Tot Ion: 50 Resp: 8406

Ion Ratio Lower Upper

50 100

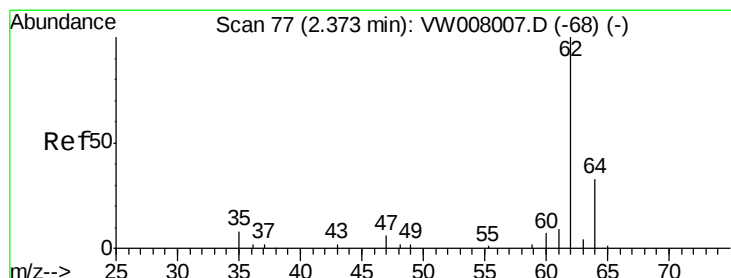
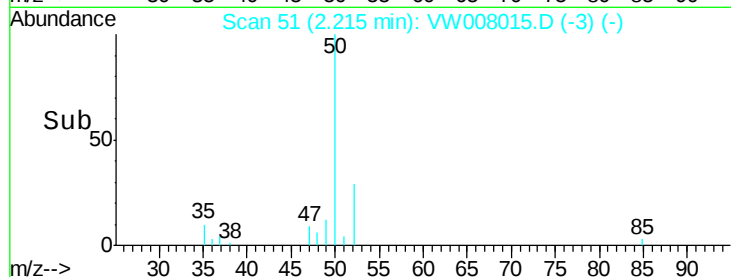
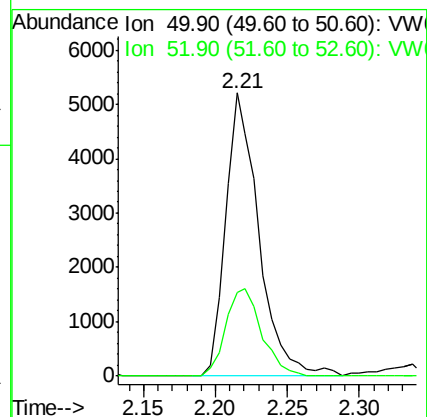
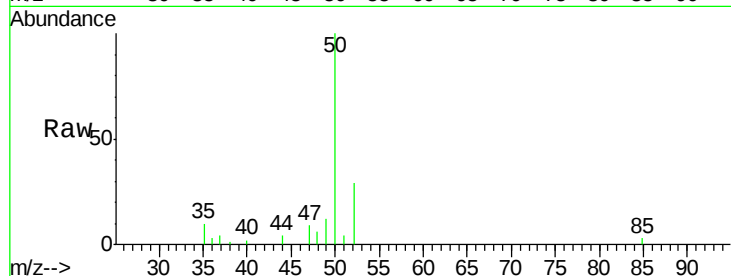
52 29.5 26.8 40.2

Manual Integrations

APPROVED

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1/4/2019 12:02:13 PM



#4

Vinyl Chloride

Concen: 19.210 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW008015.D

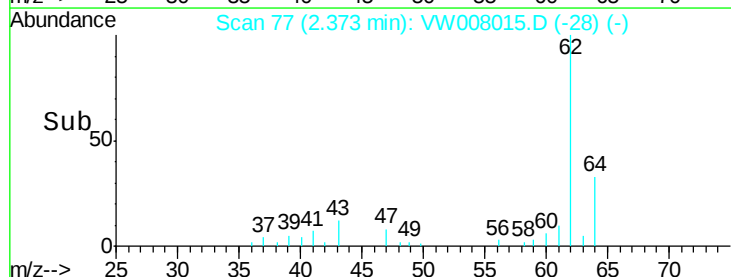
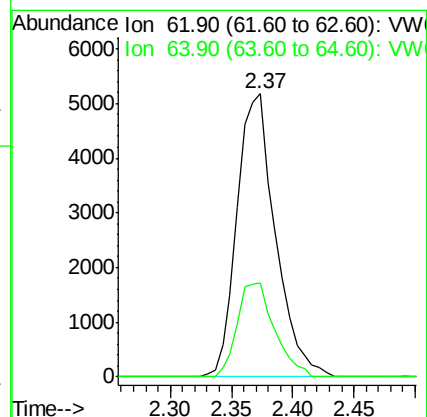
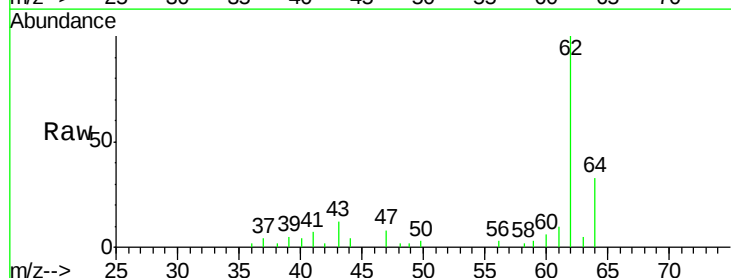
Acq: 03 Jan 2019 12:43

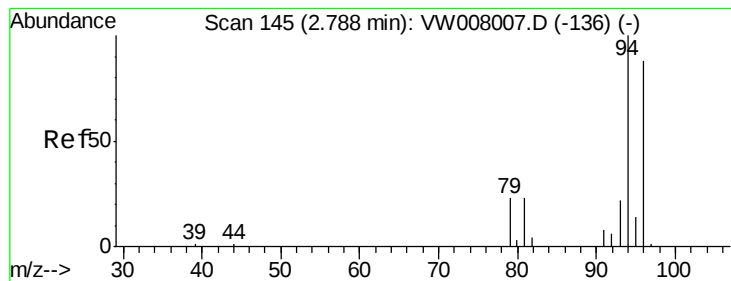
Tgt Ion: 62 Resp: 11263

Ion Ratio Lower Upper

62 100

64 33.2 26.8 40.2





#5

Bromomethane

Concen: 18.749 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBSD01

Tot Ion: 94 Resp: 6984

Ion Ratio Lower Upper

94 100

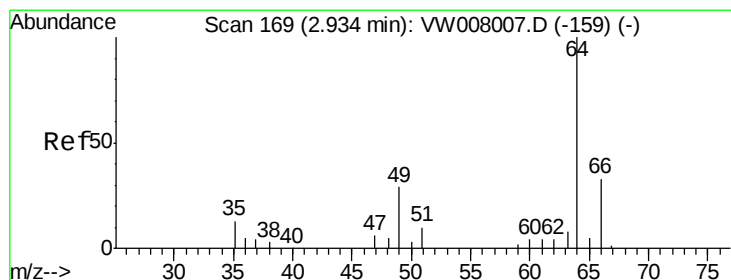
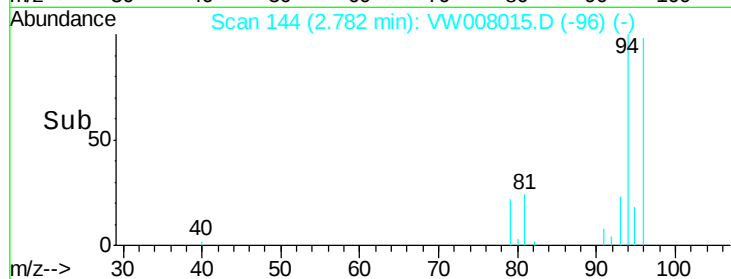
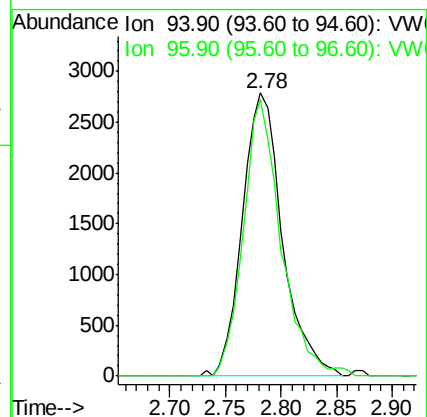
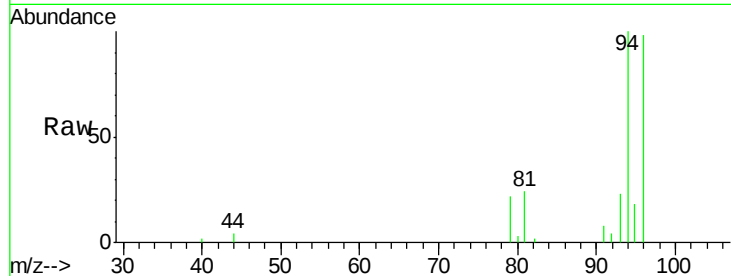
96 97.8 70.7 106.1

Manual Integrations

APPROVED

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1/4/2019 12:02:13 PM



#6

Chloroethane

Concen: 19.008 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008015.D

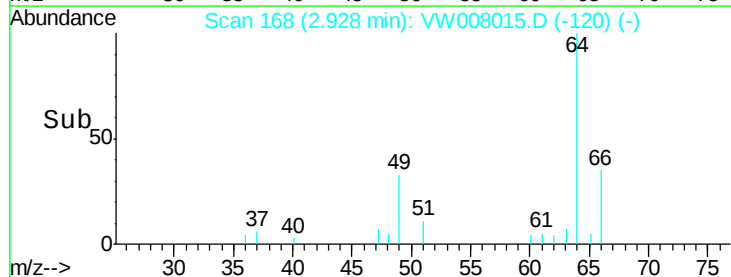
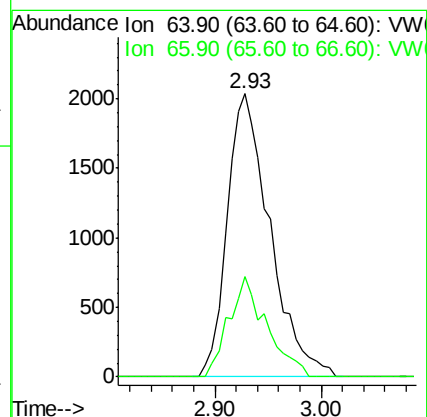
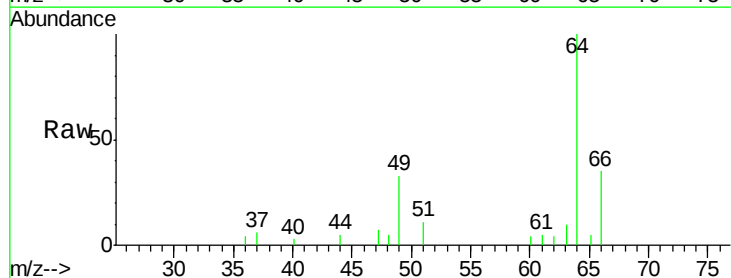
Acq: 03 Jan 2019 12:43

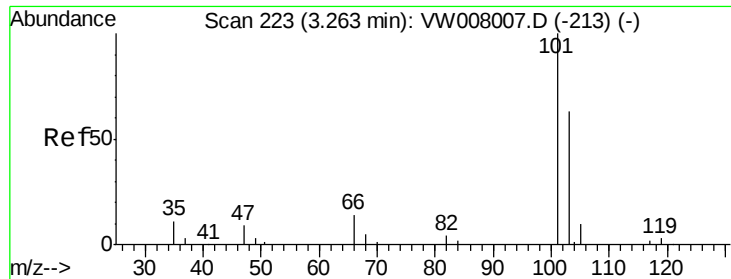
Tgt Ion: 64 Resp: 5696

Ion Ratio Lower Upper

64 100

66 35.4 26.6 39.8





#7

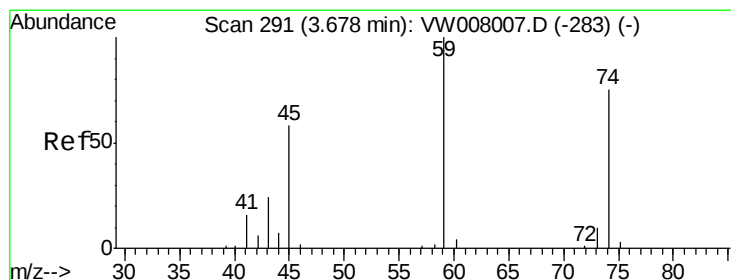
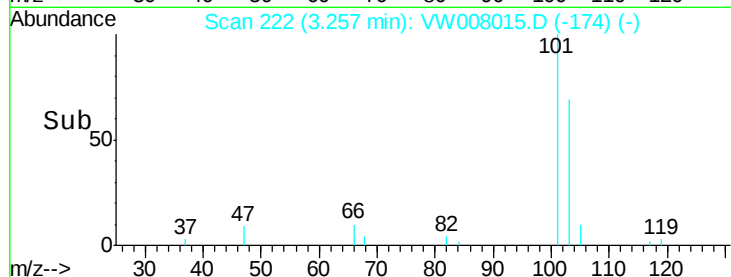
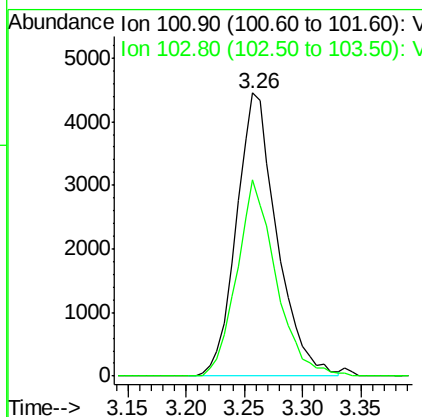
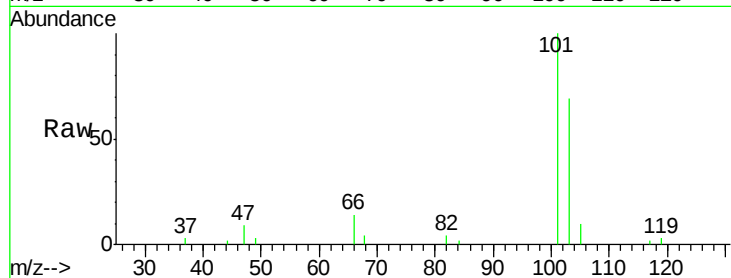
Trichlorofluoromethane  
 Concen: 18.308 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.01 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 69.3  | 50.5  | 75.7  |

Manual Integrations  
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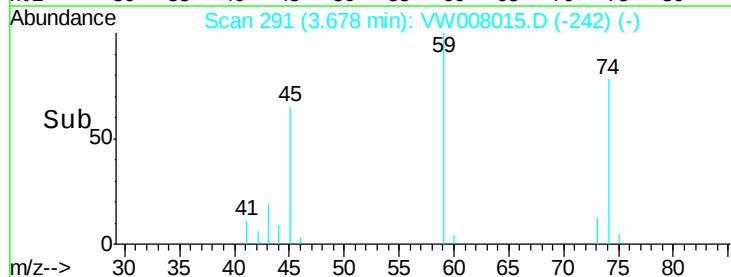
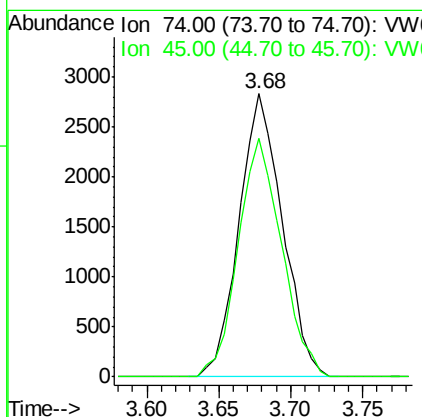
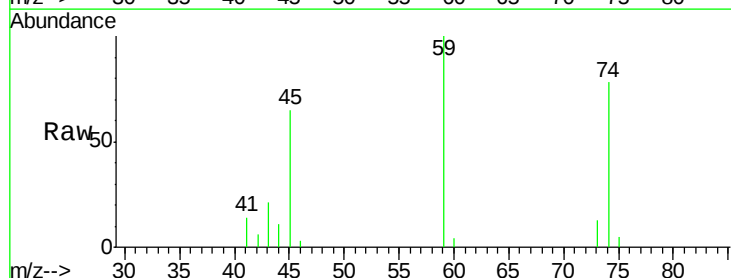
MMDadoda  
 1/4/2019 12:02:13 PM

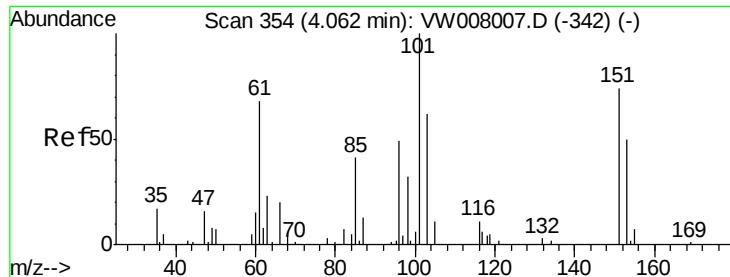


#8

Diethyl Ether  
 Concen: 19.511 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 84.8  | 41.4  | 124.2 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.817 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

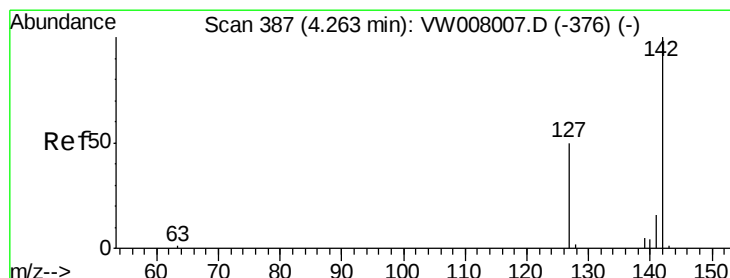
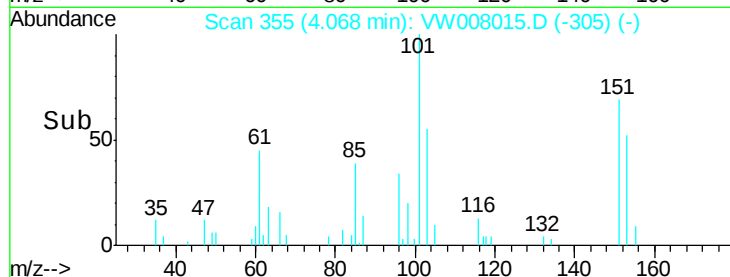
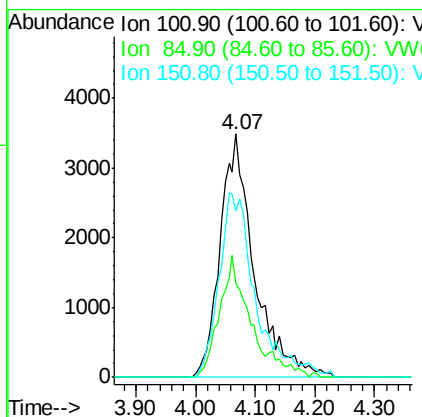
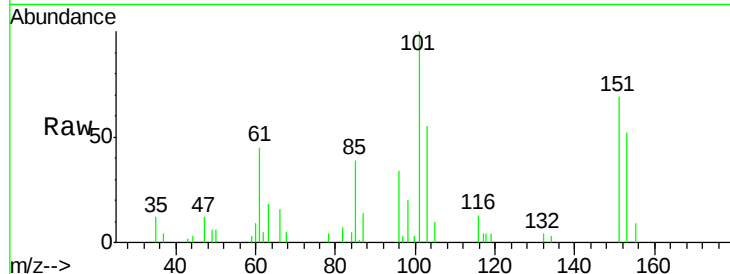
ClientSampleId :

VW0103SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 13860 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 40.2  | 35.1  | 52.7  |
| 151       | 81.3  | 65.3  | 97.9  |

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#10

Methyl Iodide

Concen: 19.260 ug/l

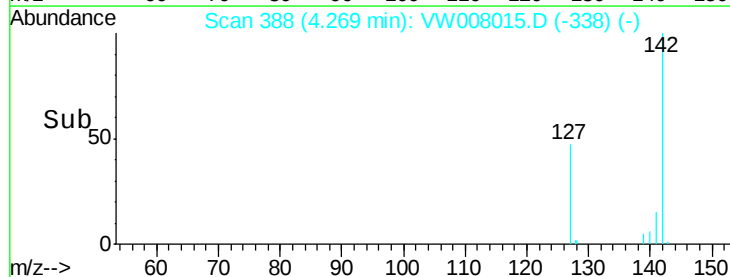
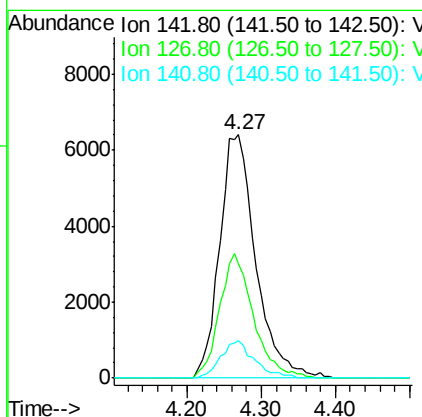
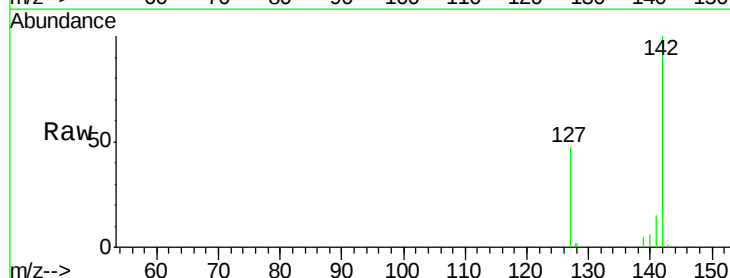
RT: 4.27 min Scan# 388

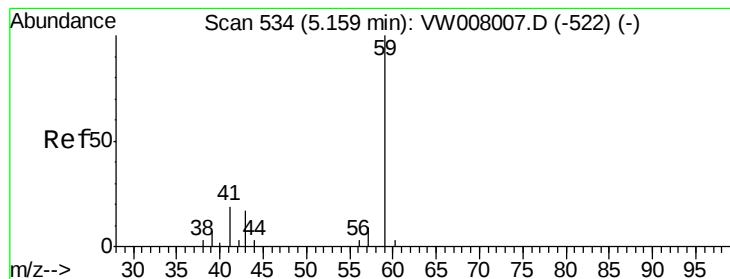
Delta R.T. 0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 21672 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 48.0  | 39.4  | 59.0  |
| 141       | 14.2  | 12.1  | 18.1  |





#11

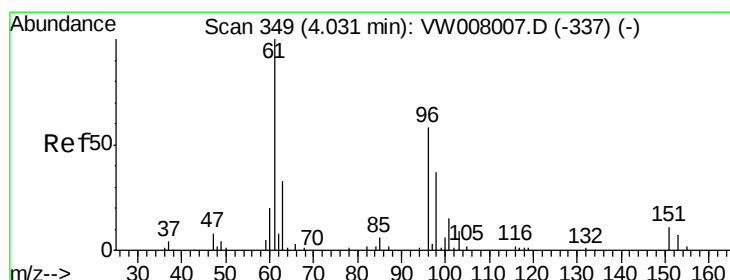
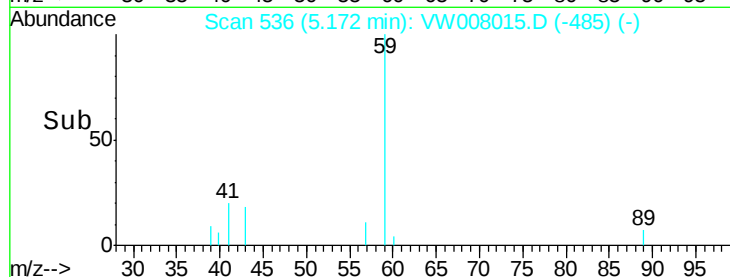
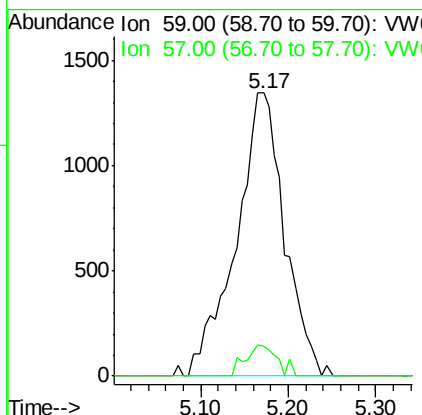
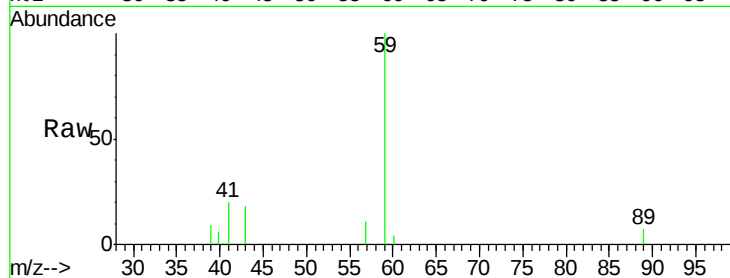
Tert butyl alcohol  
 Concen: 107.835 ug/l  
 RT: 5.17 min Scan# 536  
 Delta R.T. 0.01 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 7.3   | 9.0   | 13.4# |

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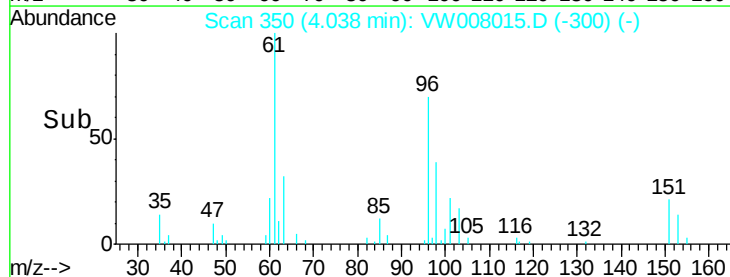
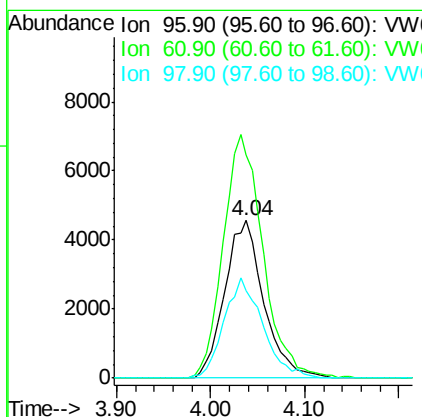
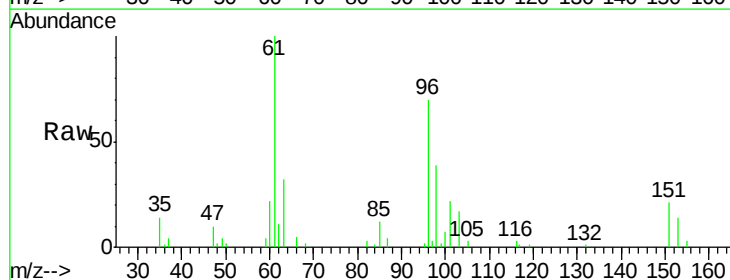
MMDadoda  
 1/4/2019 12:02:13 PM

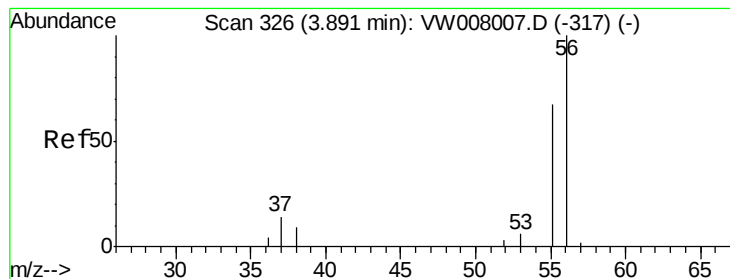


#12

1,1-Dichloroethene  
 Concen: 19.656 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. 0.01 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 142.2 | 137.3 | 205.9 |
| 98      | 55.5  | 50.5  | 75.7  |





#13

Acrolein

Concen: 97.674 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBS01

Tot Ion: 56 Resp: 3171

Ion Ratio Lower Upper

56 100

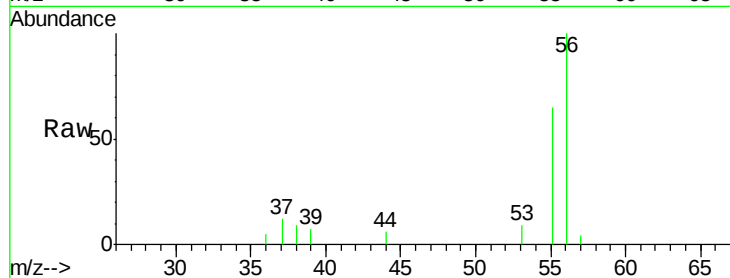
55 71.5 57.3 85.9

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

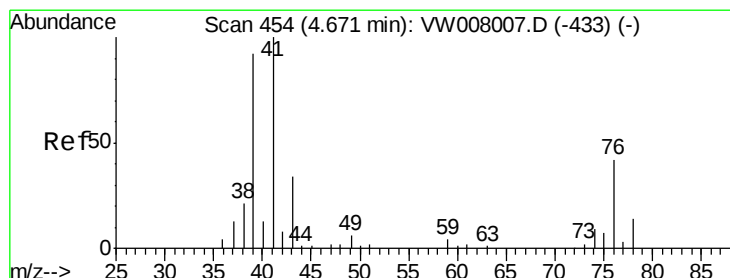
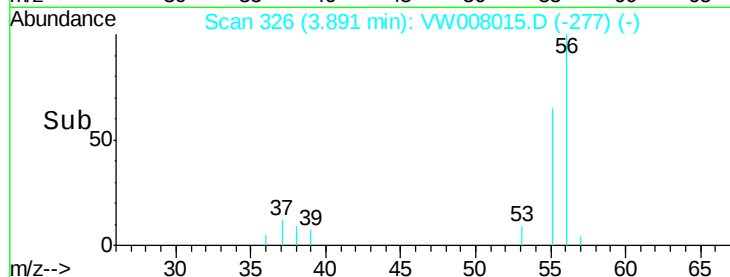
1500

1000

500

0

Time--> 3.80 3.85 3.90 3.95



#14

Allyl chloride

Concen: 18.639 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

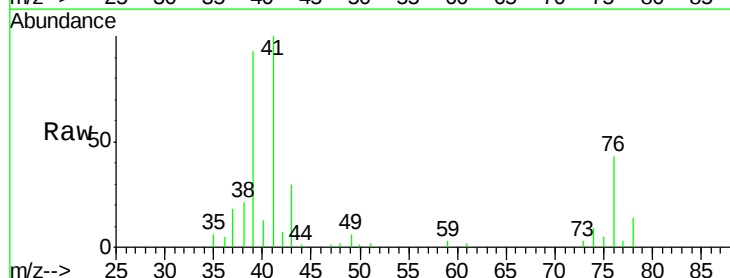
Tgt Ion: 41 Resp: 16905

Ion Ratio Lower Upper

41 100

39 92.3 71.1 106.7

76 43.0 33.4 50.2



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

8000

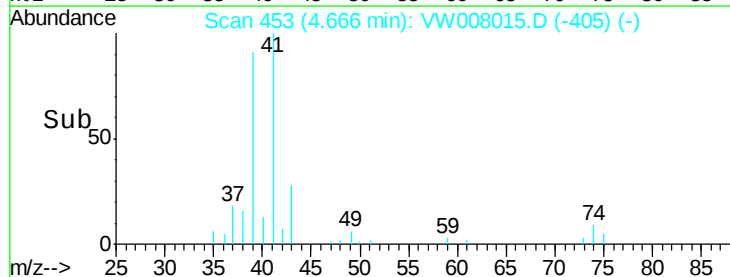
6000

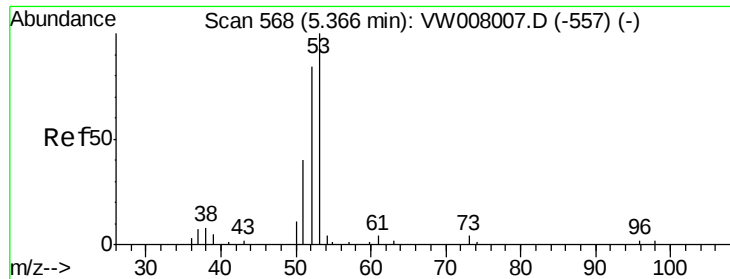
4000

2000

0

Time--> 4.60 4.70





#15

Acrylonitrile

Concen: 100.817 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

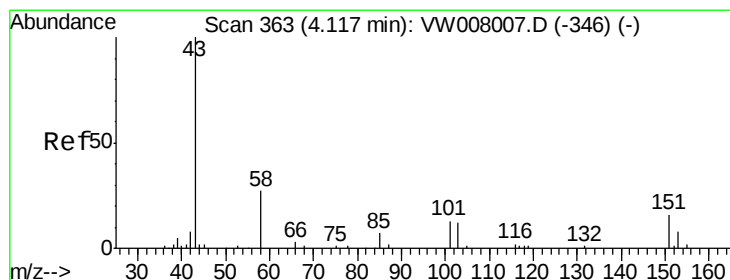
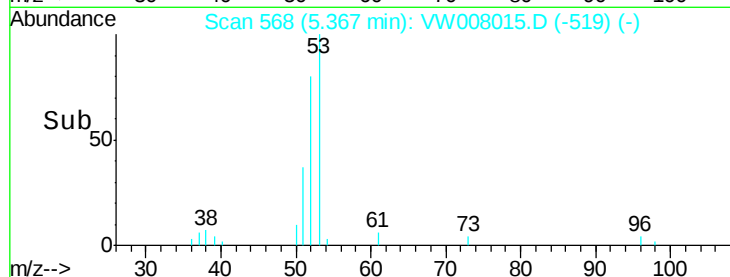
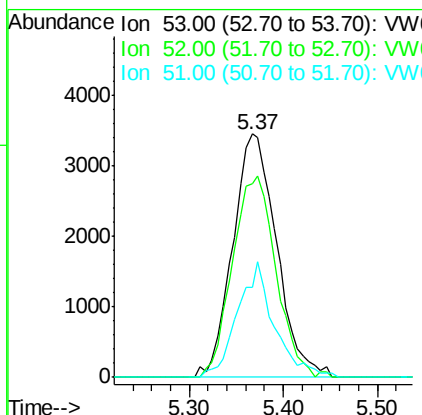
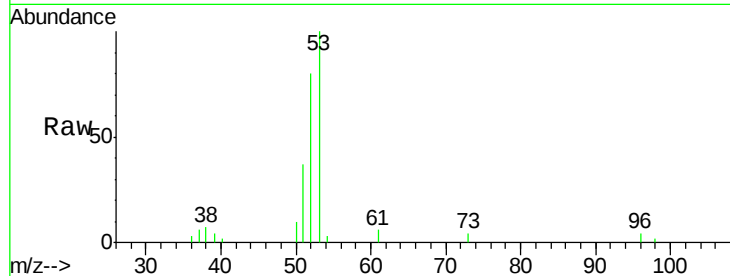
ClientSampleId :

VW0103SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 11209 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.9  | 67.8  | 101.8 |
| 51       | 39.7  | 31.5  | 47.3  |

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#16

Acetone

Concen: 99.758 ug/l

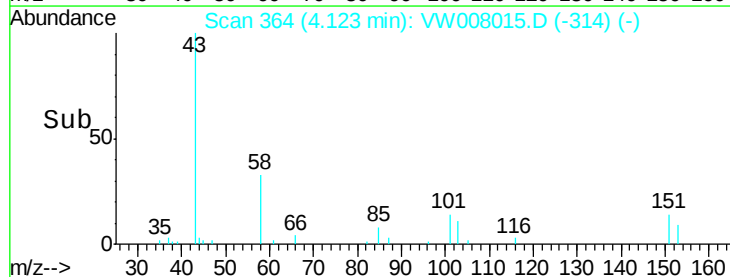
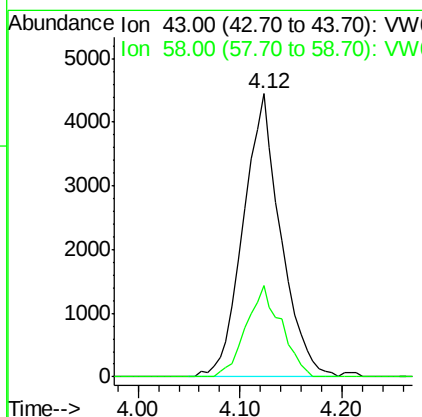
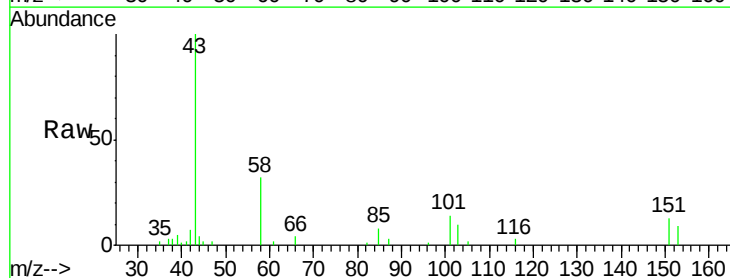
RT: 4.12 min Scan# 364

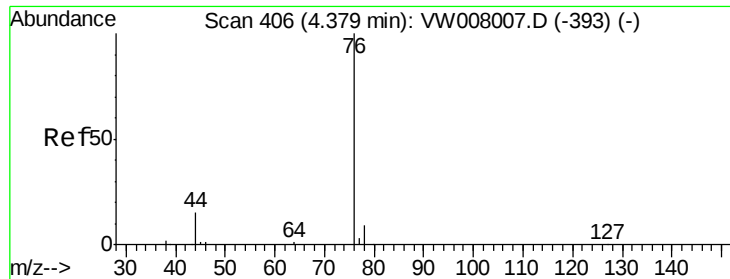
Delta R.T. 0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 11389 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.3  | 21.7  | 32.5  |





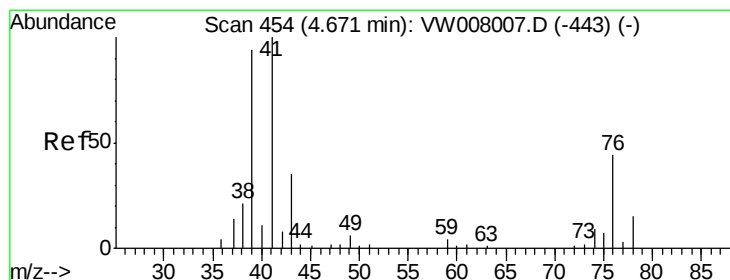
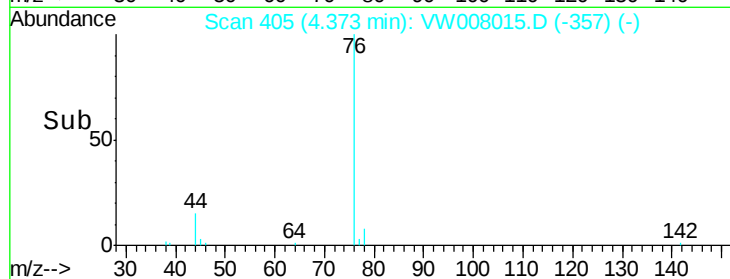
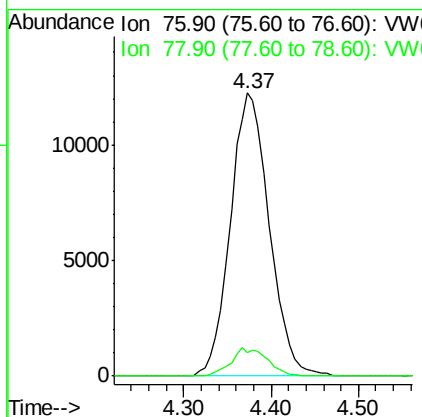
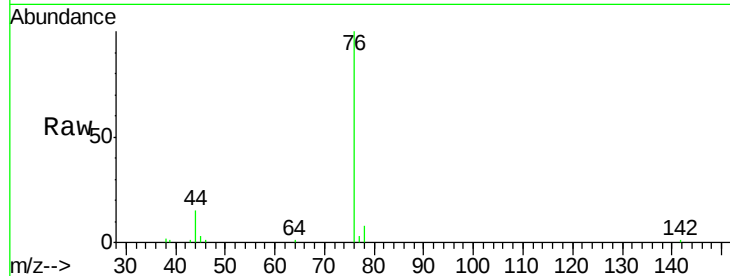
#17  
Carbon Disulfide  
Concen: 18.473 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.4   | 7.0   | 10.4  |

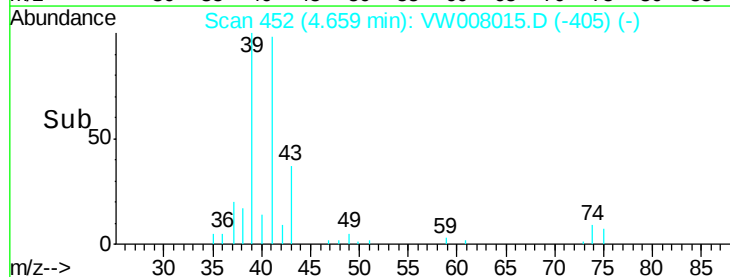
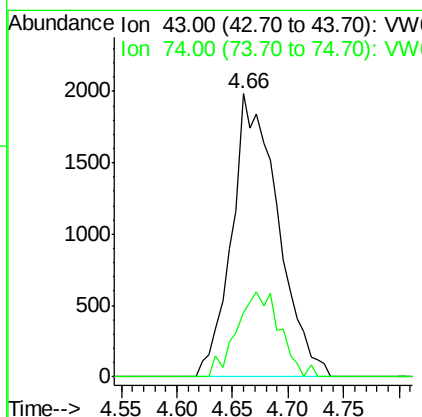
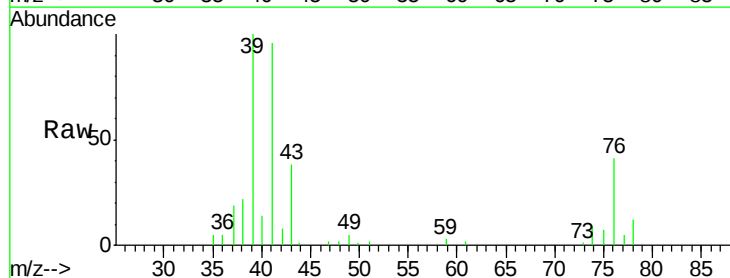
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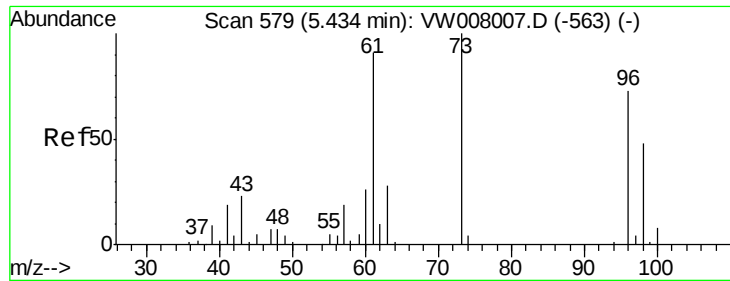
MMDadoda  
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#18  
Methyl Acetate  
Concen: 19.303 ug/l  
RT: 4.66 min Scan# 452  
Delta R.T. -0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 28.2  | 21.4  | 32.2  |





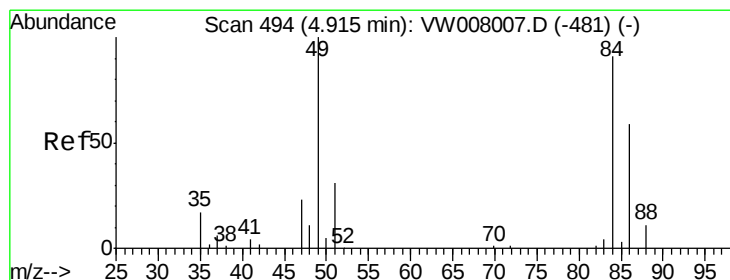
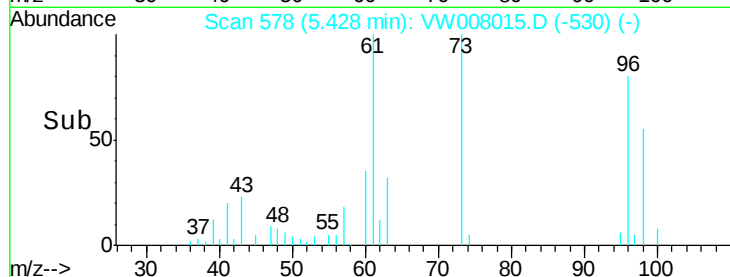
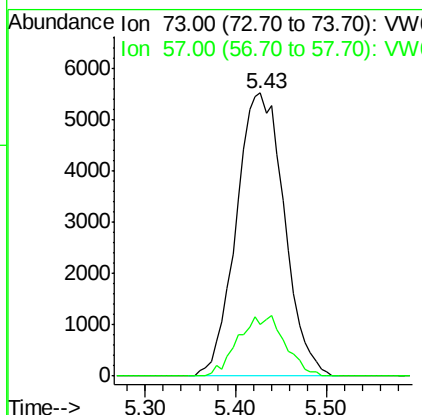
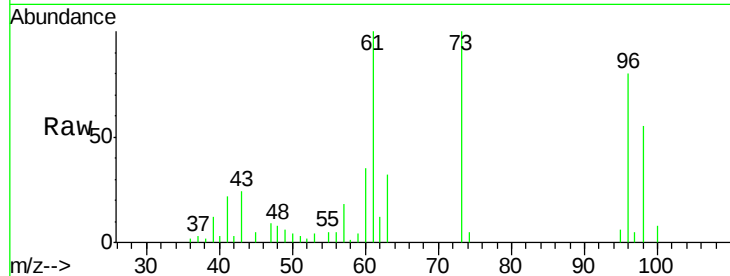
#19  
Methyl tert-butyl Ether  
Concen: 19.199 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

Tot Ion: 73 Resp: 20227  
Ion Ratio Lower Upper  
73 100  
57 18.2 15.4 23.0

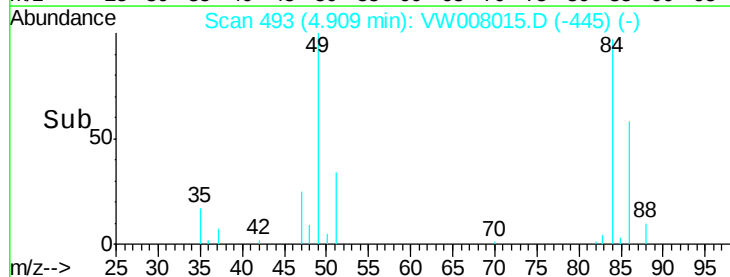
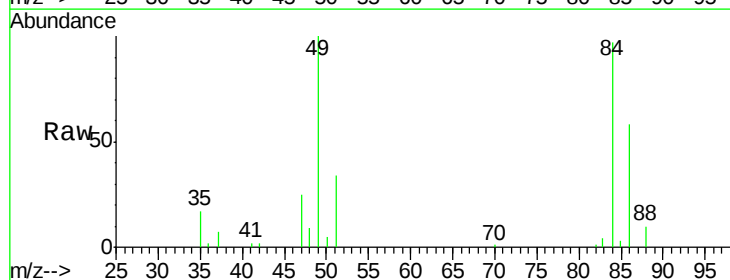
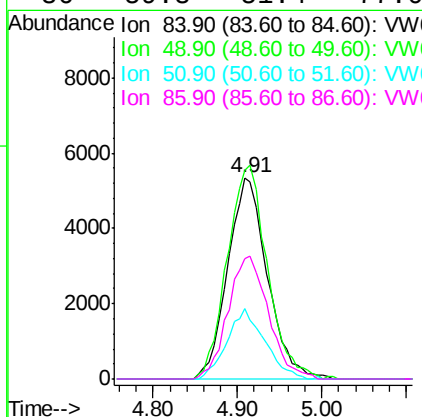
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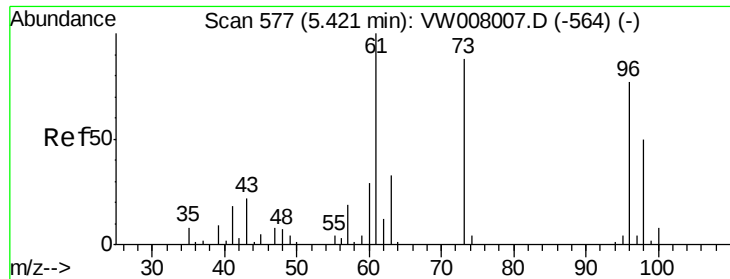
MMDadoda  
1/4/2019 12:02:13 PM



#20  
Methylene Chloride  
Concen: 22.903 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Tgt Ion: 84 Resp: 17032  
Ion Ratio Lower Upper  
84 100  
49 103.3 87.7 131.5  
51 35.3 27.3 40.9  
86 59.8 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.076 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBS01

Tot Ion: 96 Resp: 13895

Ion Ratio Lower Upper

96 100

61 132.3 104.2 156.2

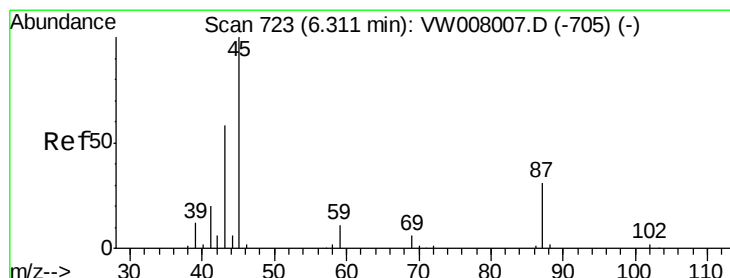
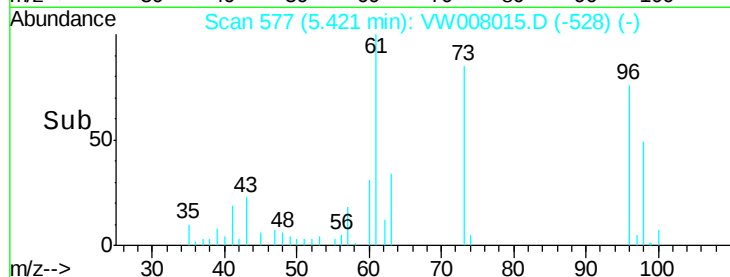
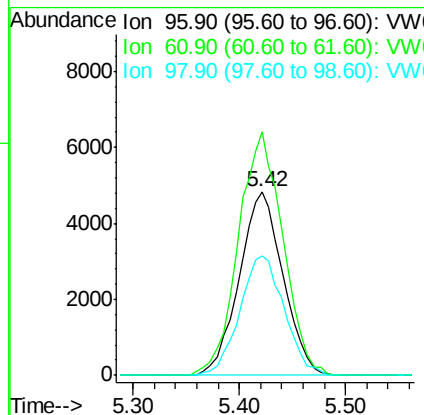
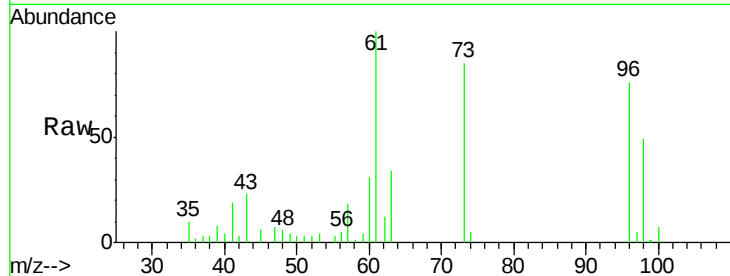
98 64.7 51.8 77.6

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#22

Diisopropyl ether

Concen: 19.770 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Tgt Ion: 45 Resp: 32184

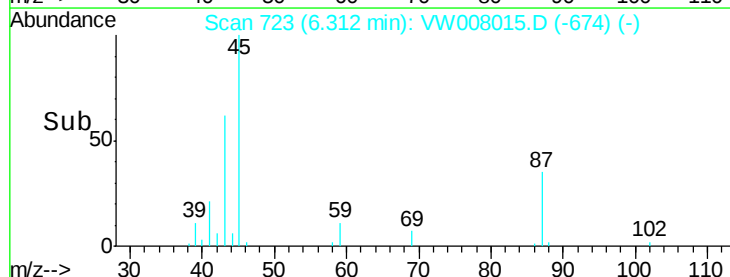
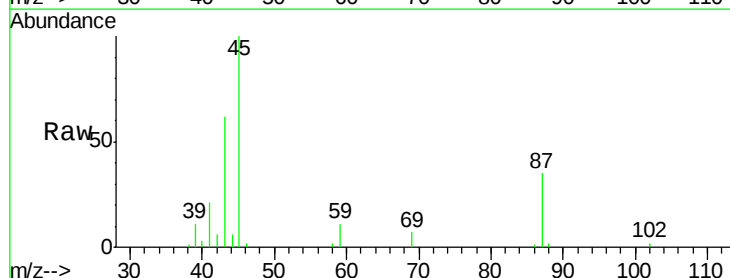
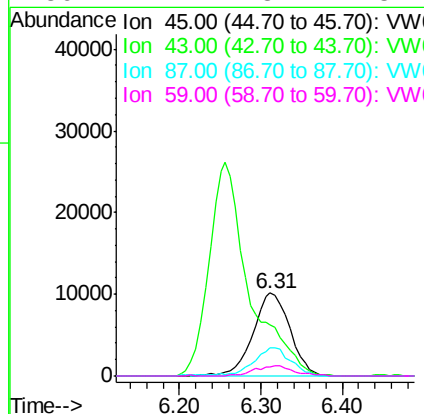
Ion Ratio Lower Upper

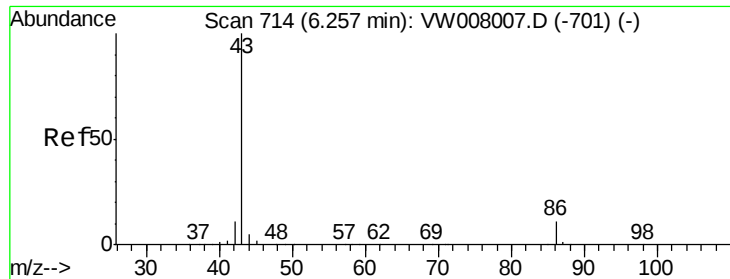
45 100

43 62.1 48.1 72.1

87 34.7 25.8 38.8

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 97.906 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBS01

Tot Ion: 43 Resp: 89175

Ion Ratio Lower Upper

43 100

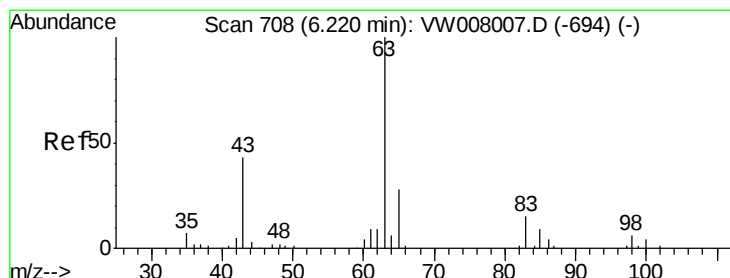
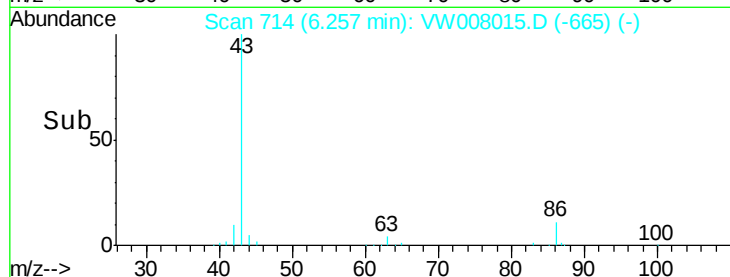
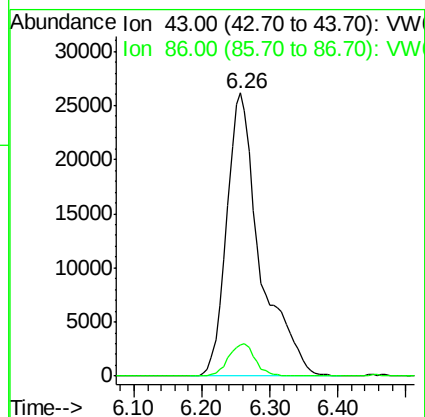
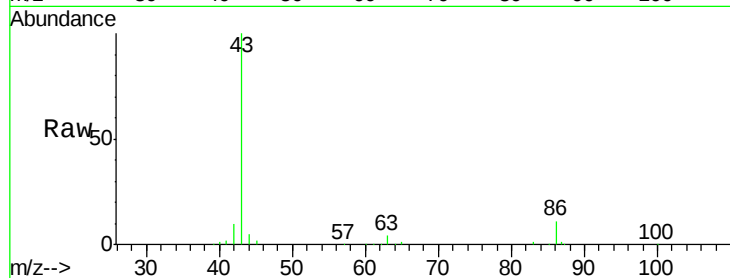
86 11.2 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.112 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

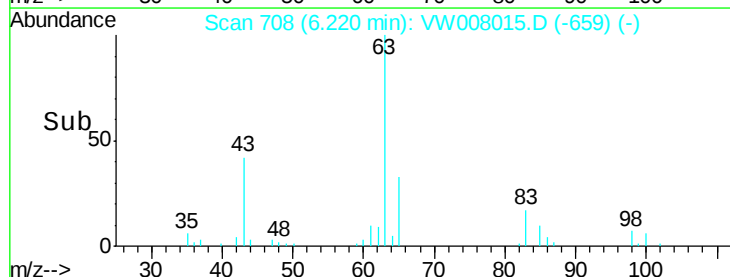
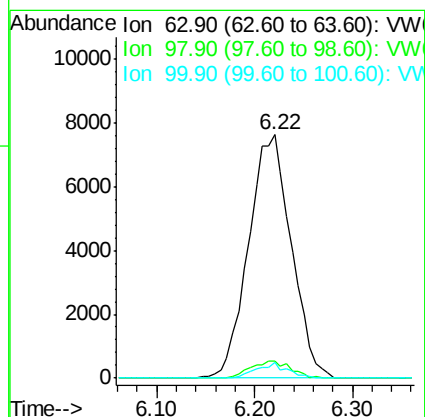
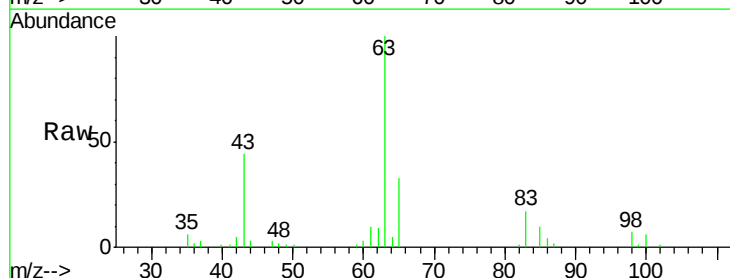
Tgt Ion: 63 Resp: 23117

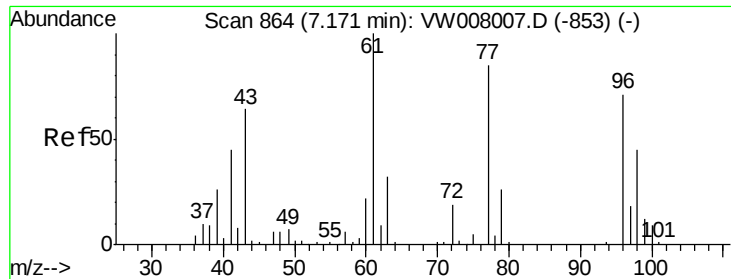
Ion Ratio Lower Upper

63 100

98 7.2 3.2 9.6

100 6.4 2.1 6.2#





#25

2-Butanone

Concen: 99.329 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBS01

Tot Ion: 43 Resp: 13361

Ion Ratio Lower Upper

43 100

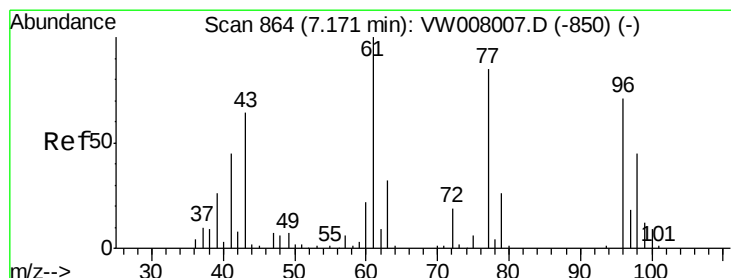
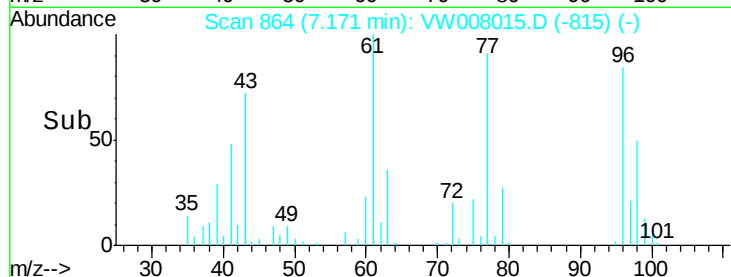
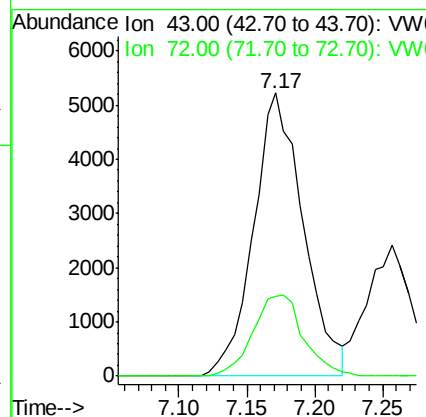
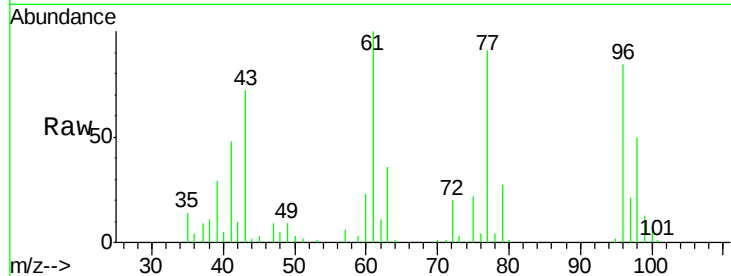
72 28.1 23.8 35.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.925 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008015.D

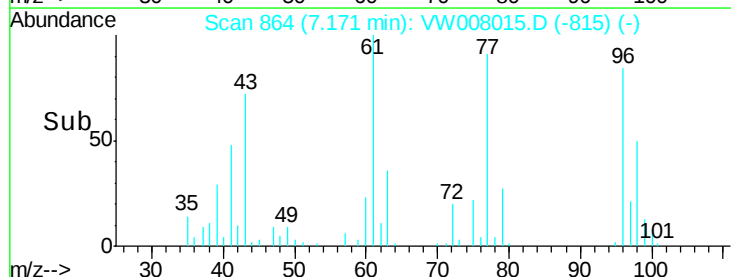
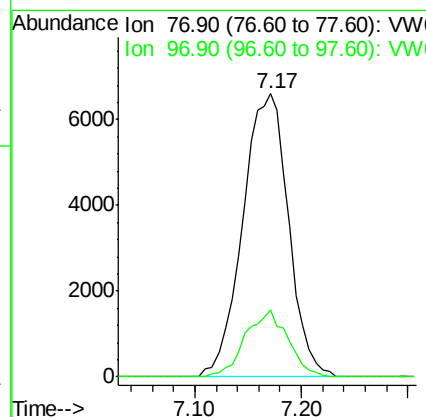
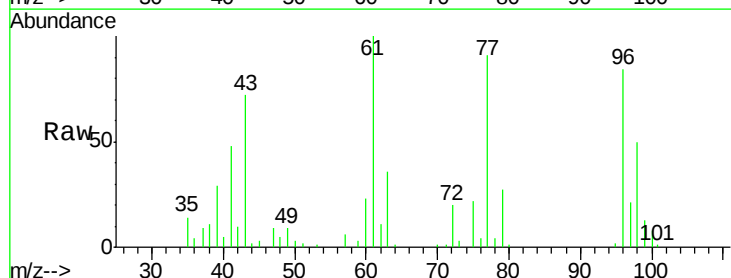
Acq: 03 Jan 2019 12:43

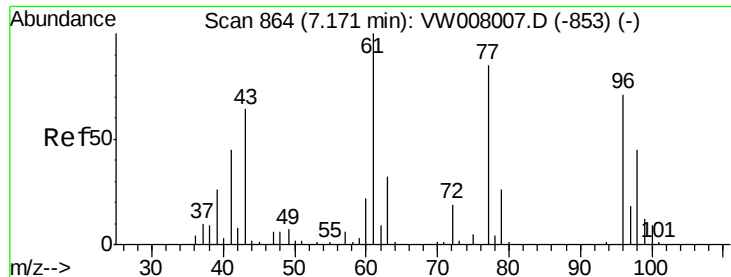
Tgt Ion: 77 Resp: 19856

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0





#27

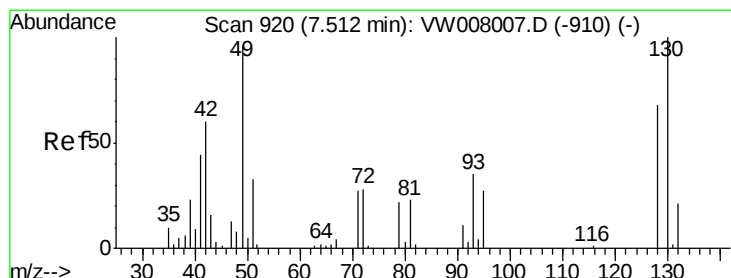
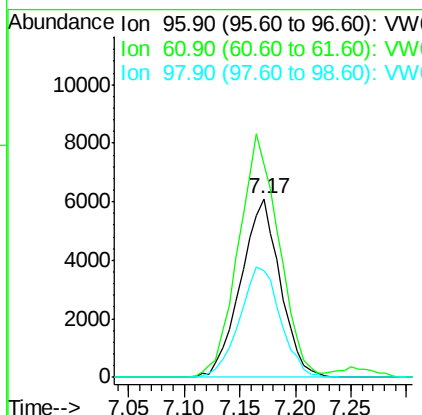
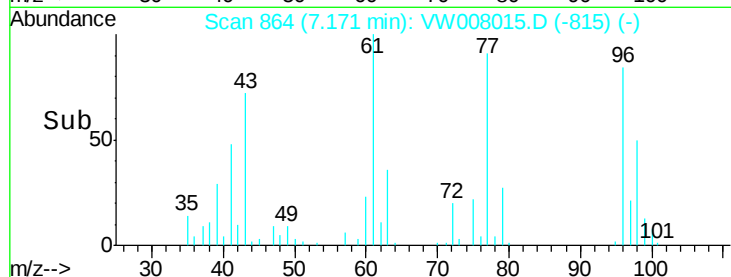
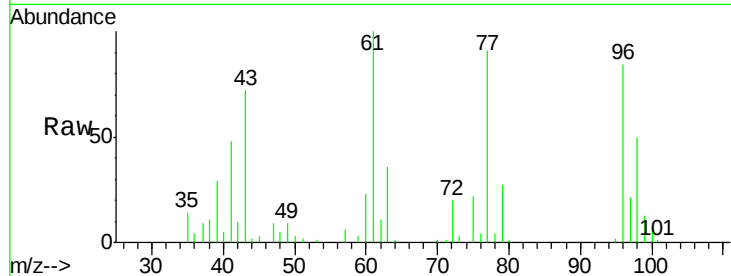
cis-1,2-Dichloroethene  
Concen: 19.378 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.2 | 0.0   | 286.4 |
| 98      | 64.1  | 0.0   | 130.6 |

Manual Integrations  
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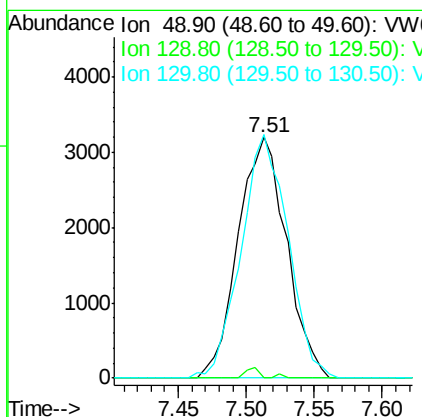
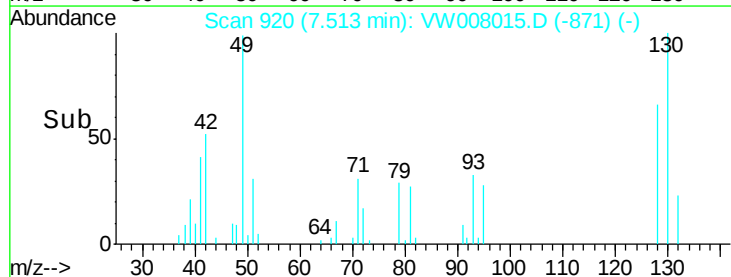
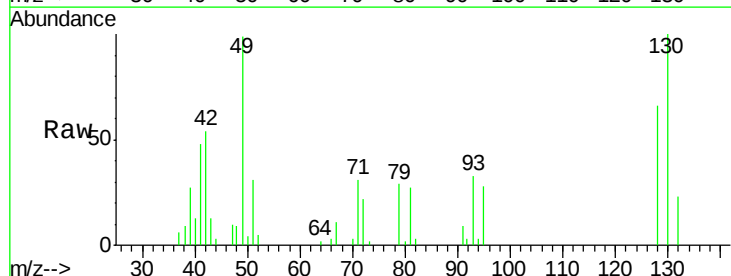
MMDadoda  
1/4/2019 12:02:13 PM

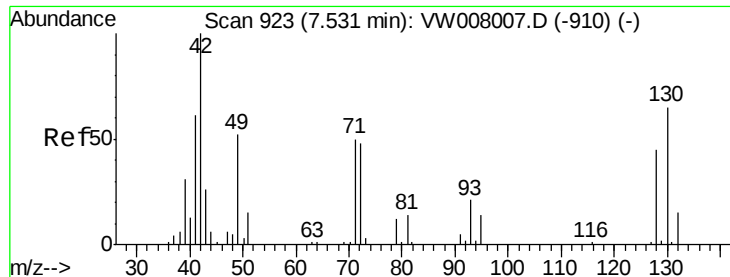


#28

Bromochloromethane  
Concen: 20.416 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.1   | 0.0   | 0.8#  |
| 130     | 98.3  | 78.5  | 117.7 |





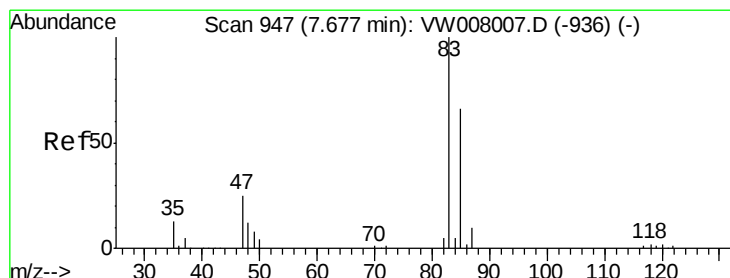
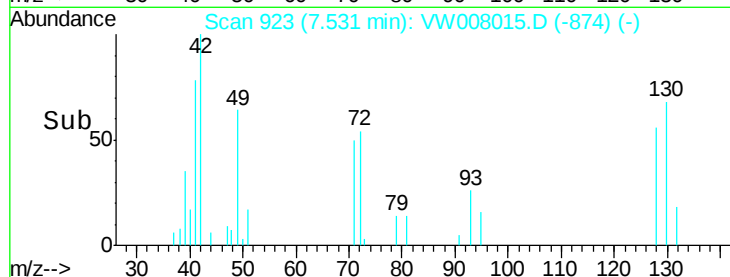
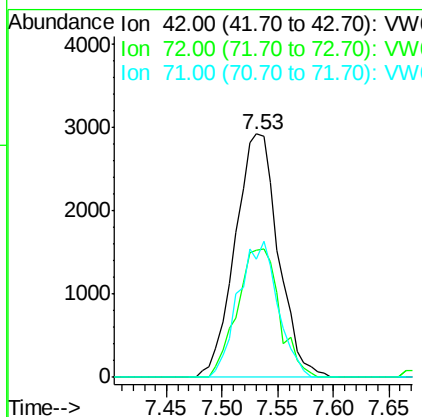
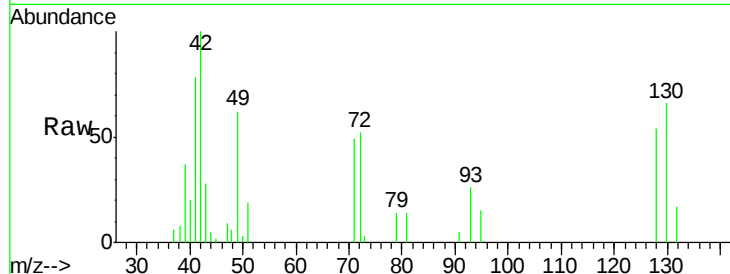
#29  
Tetrahydrofuran  
Concen: 94.359 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 51.7  | 39.0  | 58.6  |
| 71      | 50.7  | 39.1  | 58.7  |

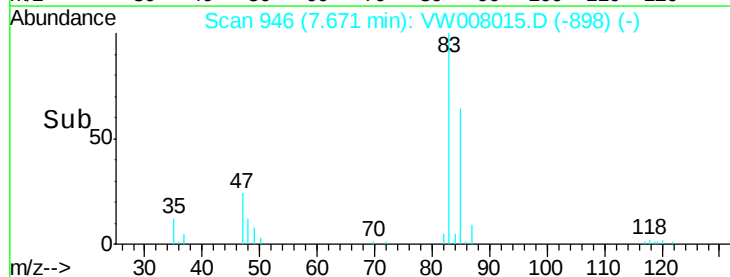
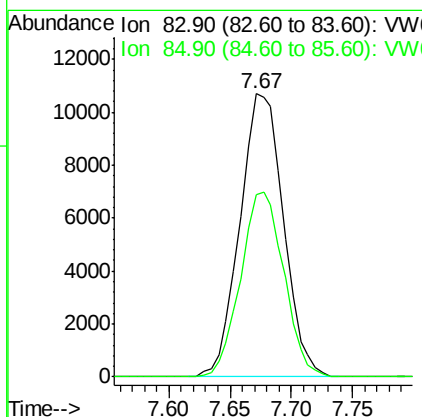
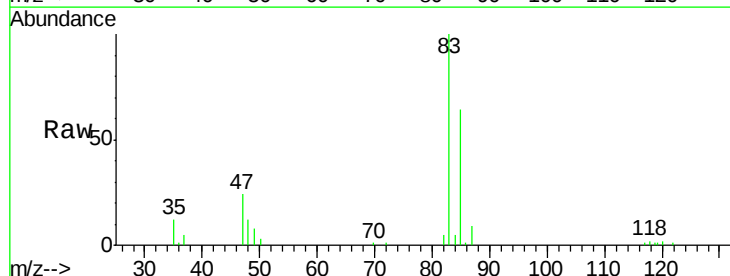
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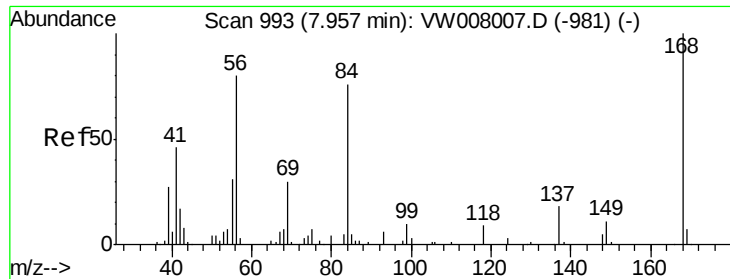
MMDadoda  
1/4/2019 12:02:13 PM



#30  
Chloroform  
Concen: 19.550 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.2  | 52.7  | 79.1  |





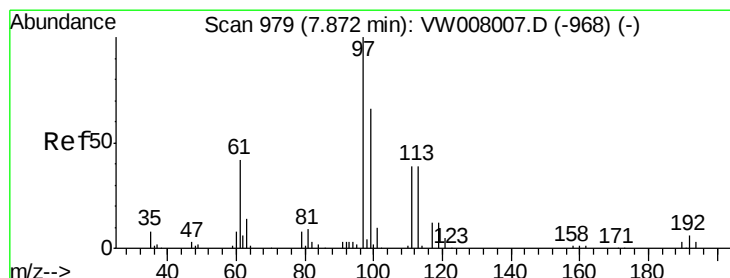
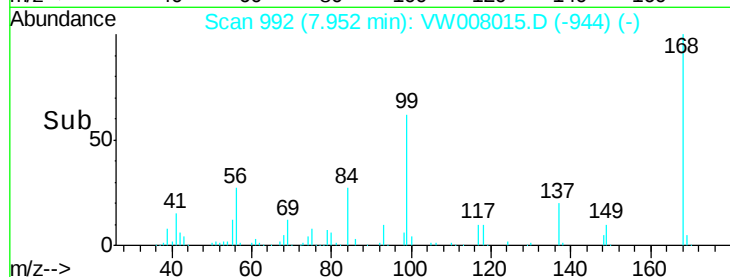
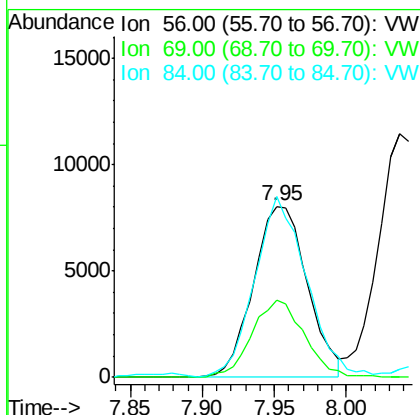
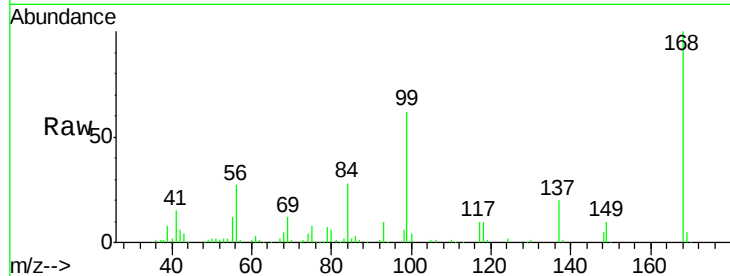
#31  
Cyclohexane  
Concen: 18.560 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

| Tot Ion   | 56    | Resp  | 20924 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 56        | 100   |       |       |
| 69        | 45.2  | 29.8  | 44.6# |
| 84        | 104.6 | 75.2  | 112.8 |

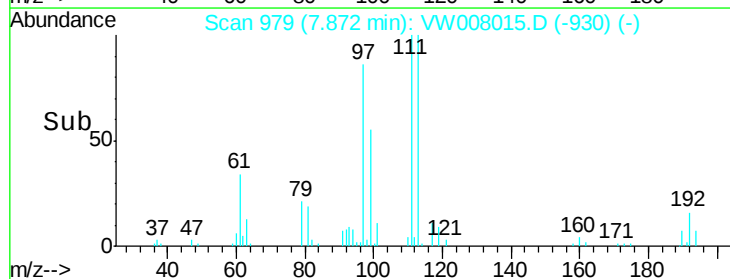
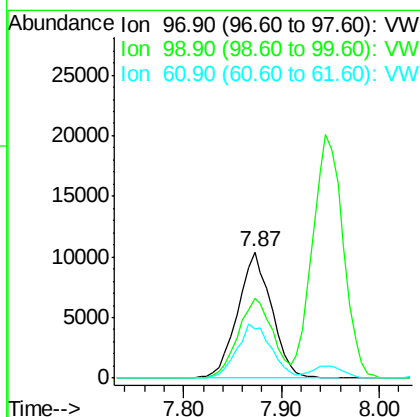
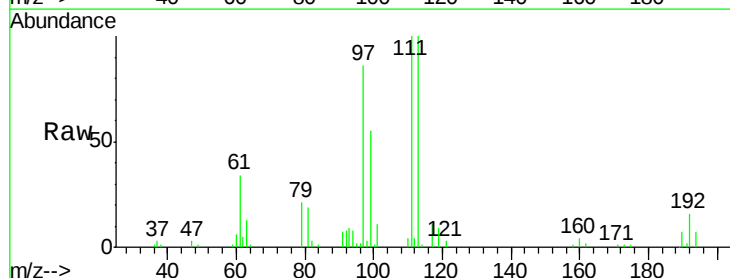
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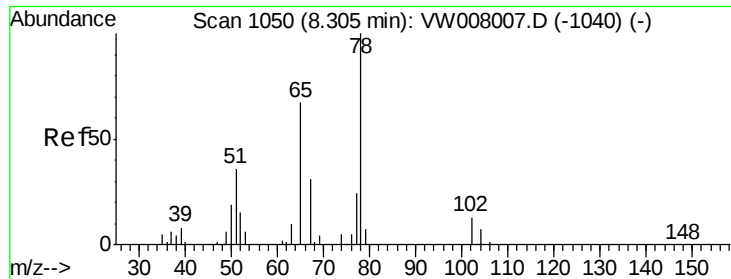
MMDadoda  
1/4/2019 12:02:13 PM



#32  
1,1,1-Trichloroethane  
Concen: 19.204 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion   | 97   | Resp  | 24910 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 97        | 100  |       |       |
| 99        | 65.2 | 51.5  | 77.3  |
| 61        | 43.3 | 33.4  | 50.0  |





#33

1,2-Dichloroethane-d4

Concen: 54.453 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBS01

Tot Ion: 65 Resp: 40161

Ion Ratio Lower Upper

65 100

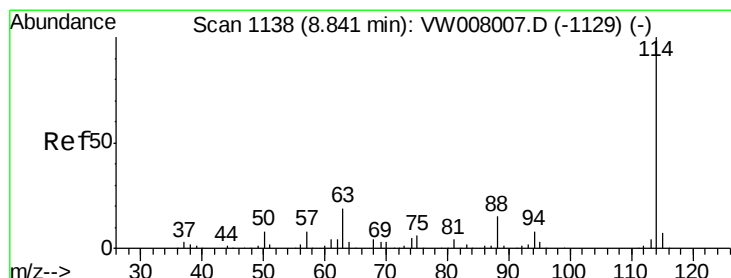
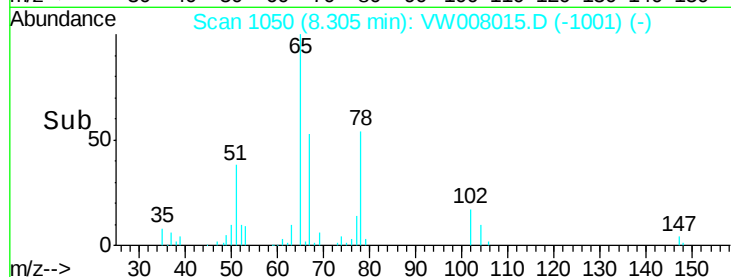
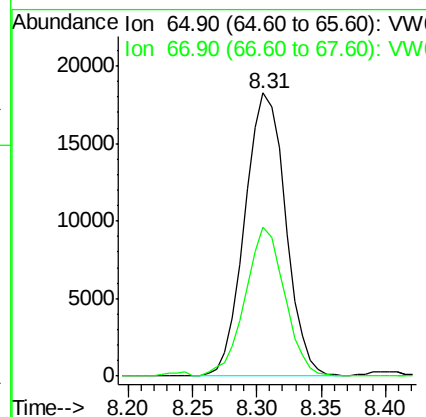
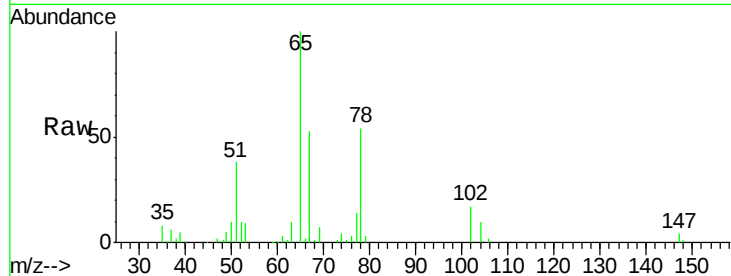
67 50.7 0.0 94.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

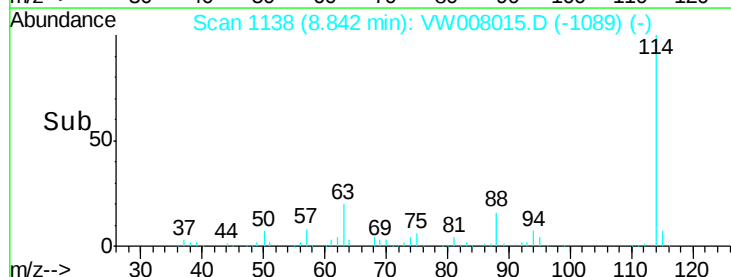
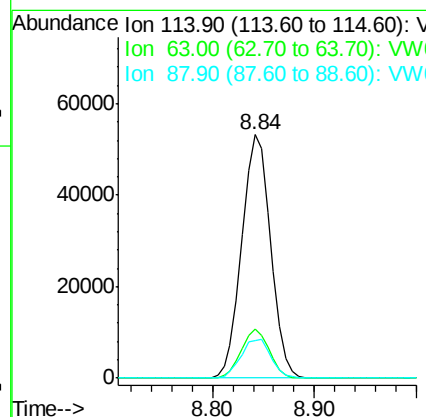
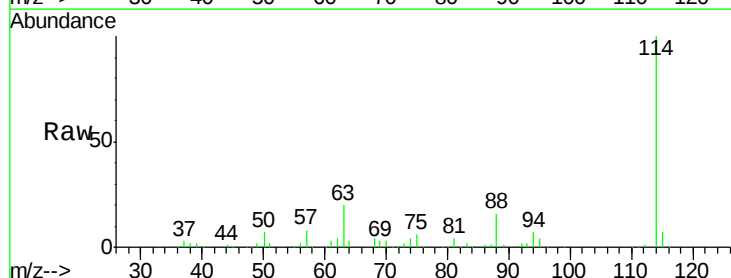
Tgt Ion: 114 Resp: 104356

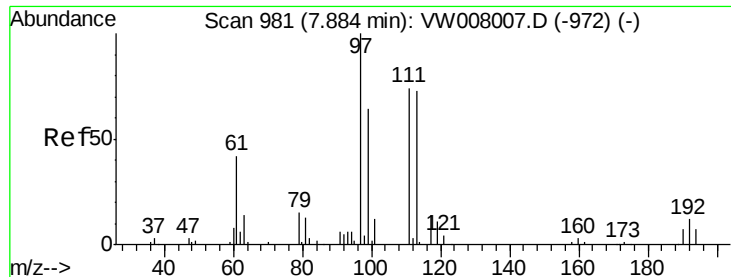
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.8

88 15.6 0.0 31.0





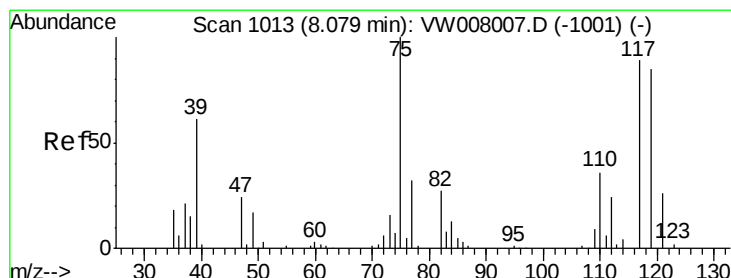
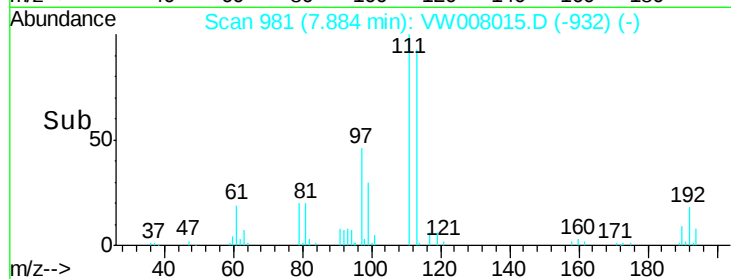
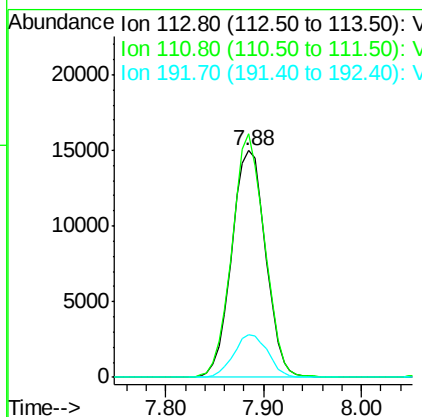
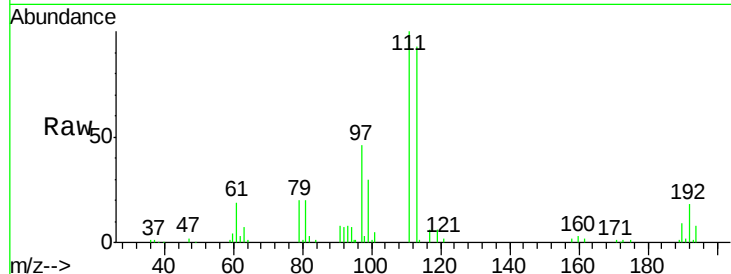
#35  
 Dibromofluoromethane  
 Concen: 55.052 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.9 | 81.4  | 122.0 |
| 192     | 19.0  | 14.8  | 22.2  |

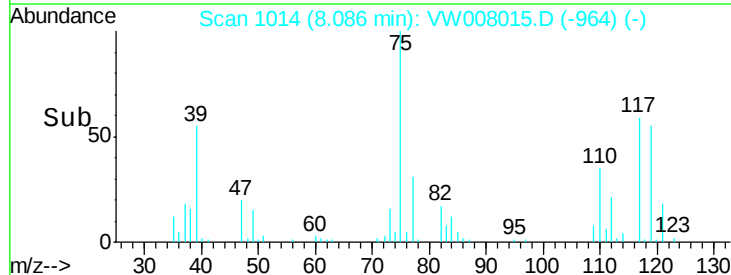
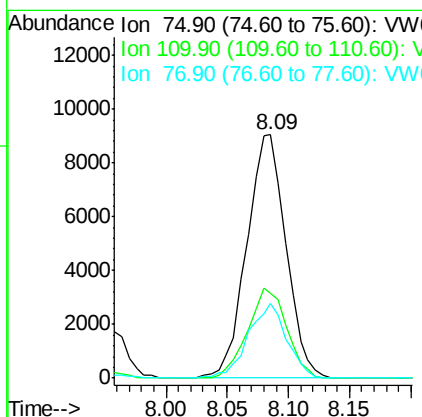
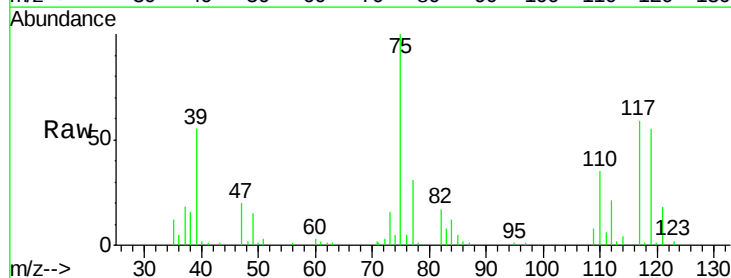
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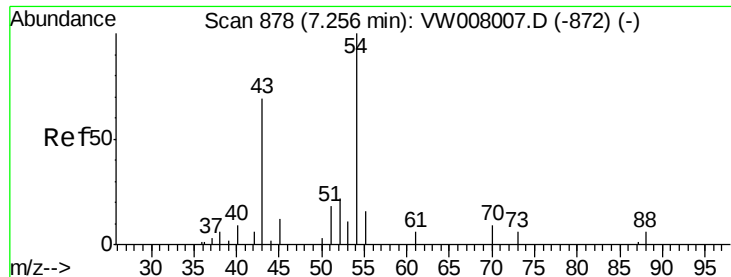
MMDadoda  
 1/4/2019 12:02:13 PM



#36  
 1,1-Dichloropropene  
 Concen: 19.631 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. 0.01 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.8  | 18.1  | 54.3  |
| 77      | 30.1  | 25.3  | 37.9  |





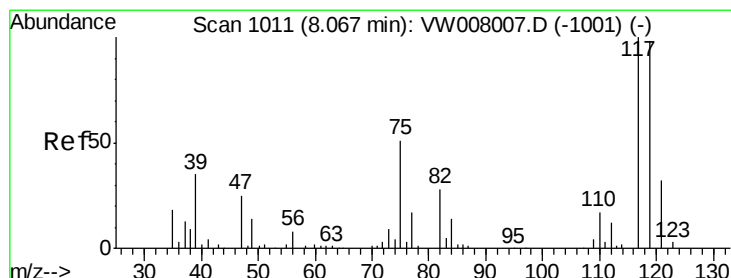
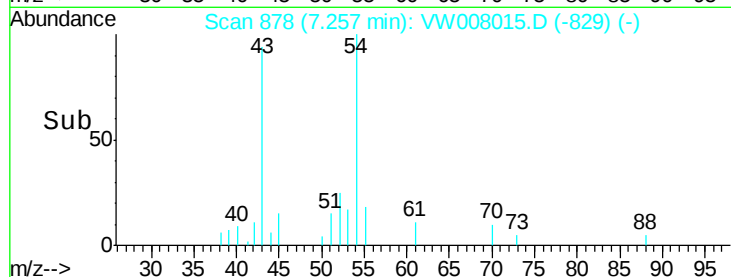
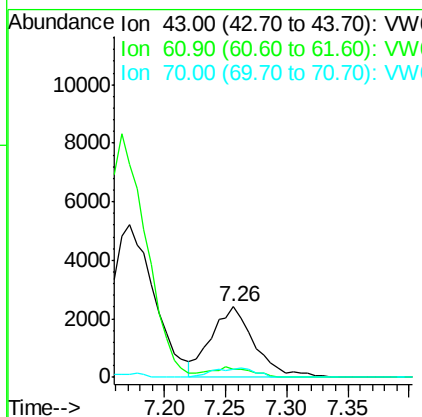
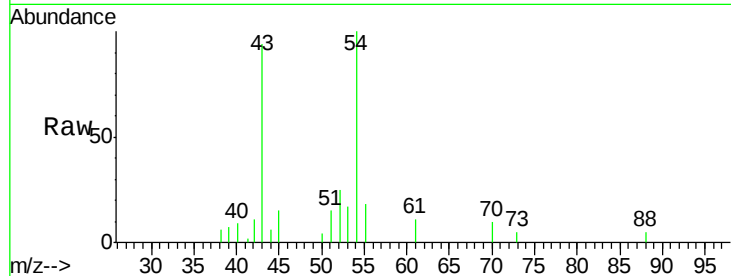
#37  
Ethyl Acetate  
Concen: 19.242 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

Tot Ion: 43 Resp: 5950  
Ion Ratio Lower Upper  
43 100  
61 13.5 11.4 17.2  
70 12.4 9.4 14.0

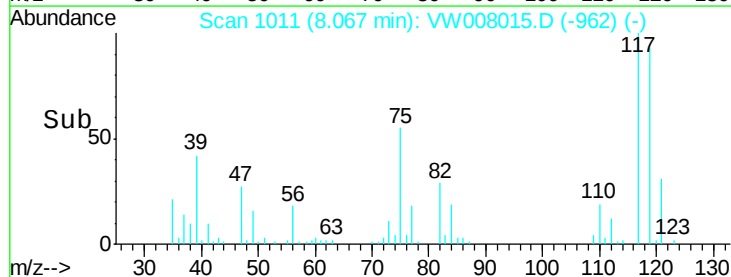
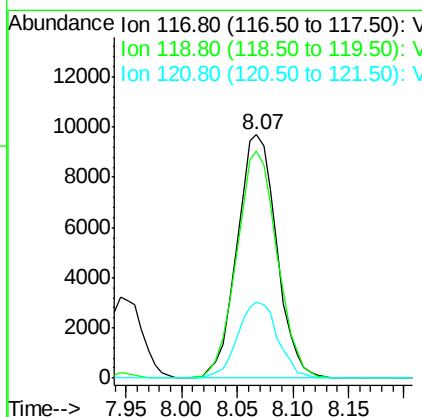
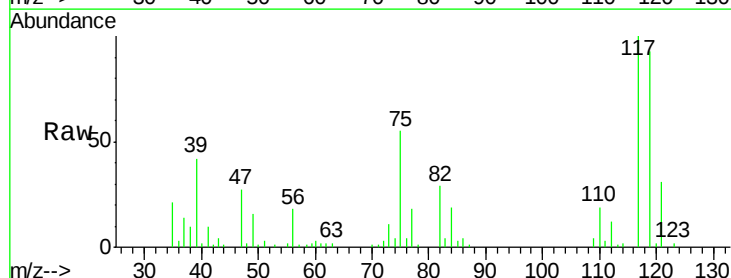
Manual Integrations  
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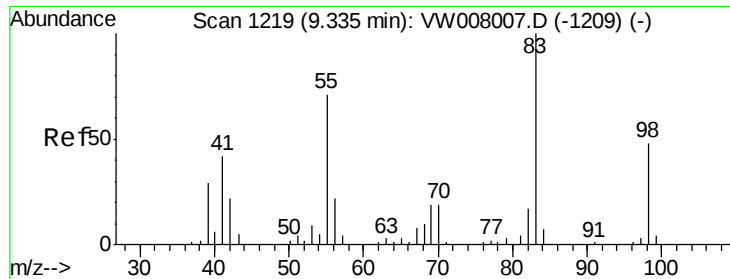
MMDadoda  
1/4/2019 12:02:13 PM



#38  
Carbon Tetrachloride  
Concen: 19.388 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Tgt Ion: 117 Resp: 23919  
Ion Ratio Lower Upper  
117 100  
119 93.1 78.7 118.1  
121 31.4 25.8 38.8





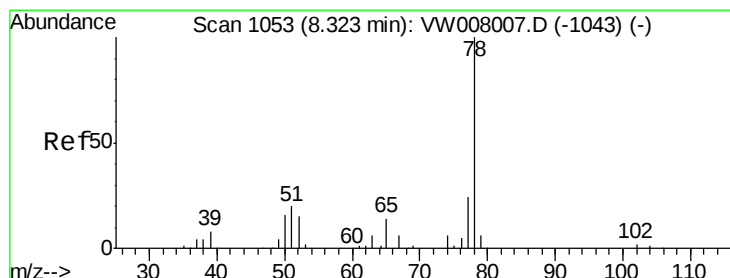
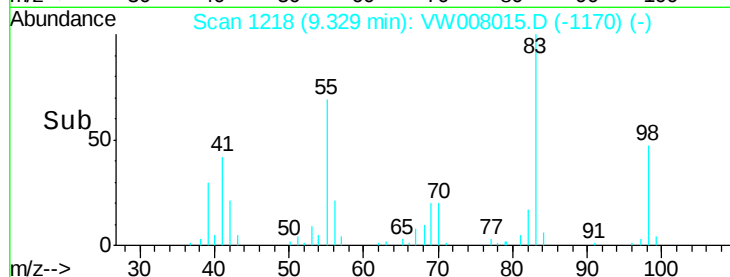
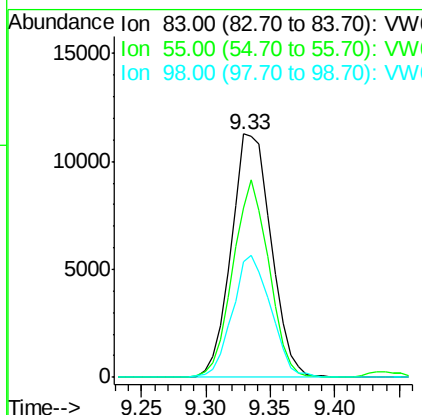
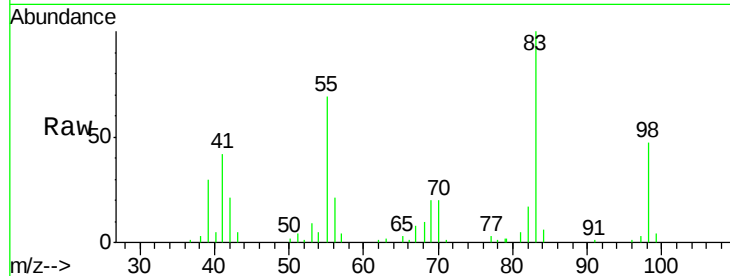
#39  
Methvlcvclohexane  
Concen: 18.911 ug/l  
RT: 9.33 min Scan# 1218  
Delta R.T. -0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 69.3  | 56.8  | 85.2  |
| 98      | 47.5  | 38.6  | 58.0  |

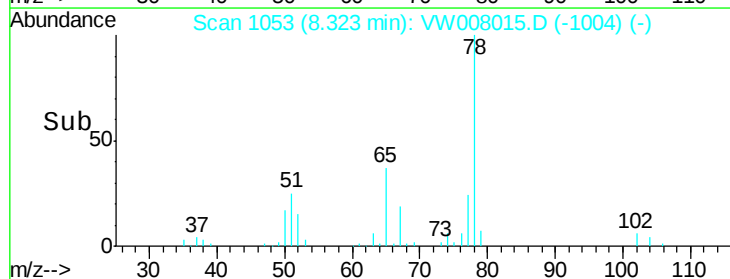
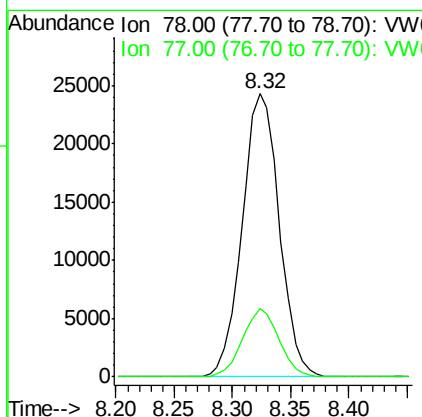
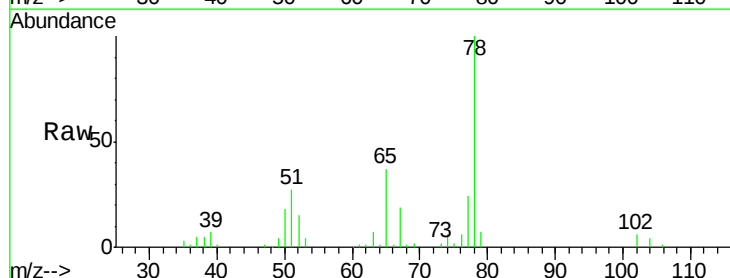
Manual Integrations  
APPROVED

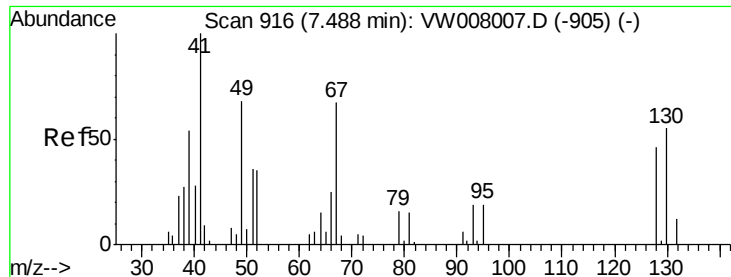
MMDadoda  
1/4/2019 12:02:13 PM



#40  
Benzene  
Concen: 19.801 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.0  | 19.0  | 28.6  |





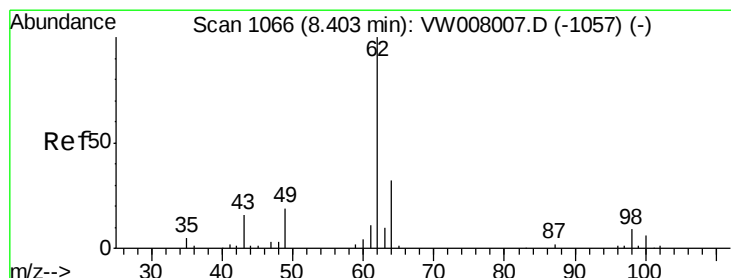
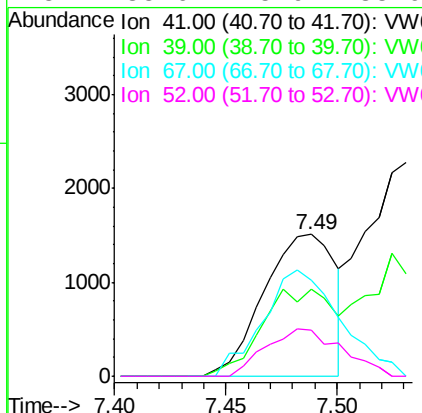
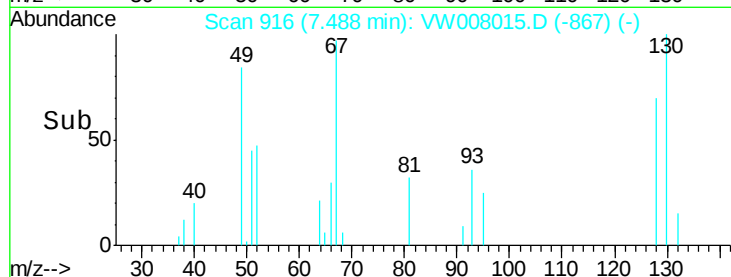
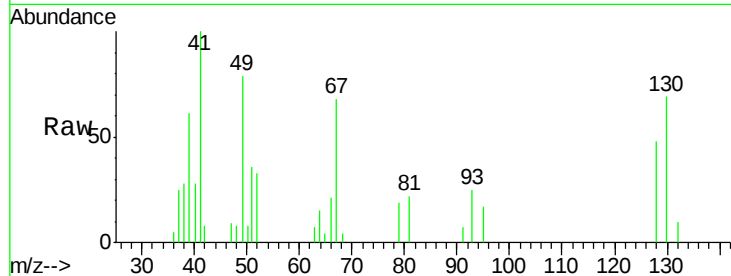
#41  
Methacrylonitrile  
Concen: 18.520 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBSD01

| Tot Ion | 41    | Resp: | 3367  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 61.2  | 48.6  | 72.8  |
| 67      | 81.0  | 55.6  | 83.4  |
| 52      | 35.6  | 25.9  | 38.9  |

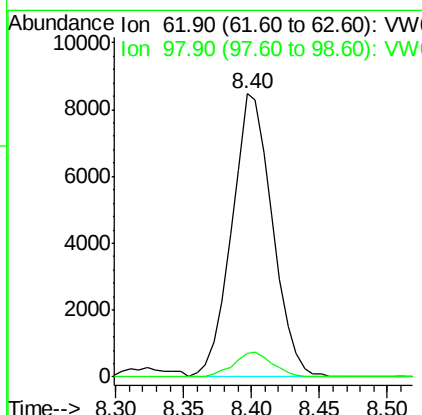
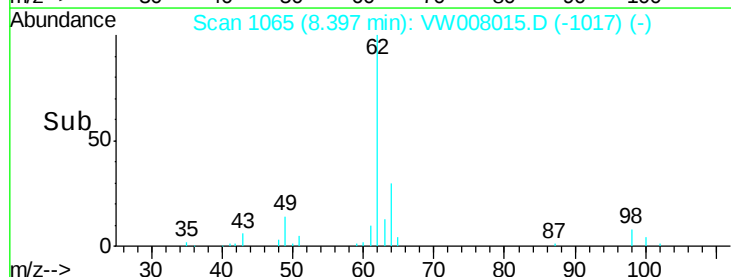
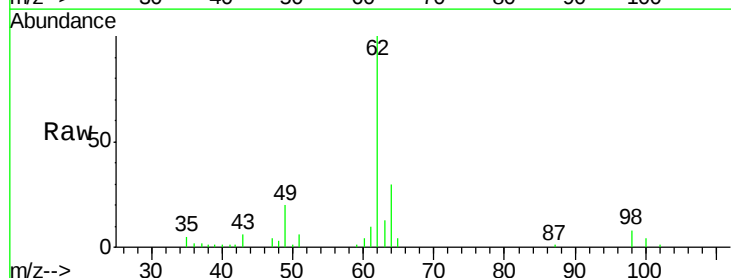
Manual Integrations  
APPROVED

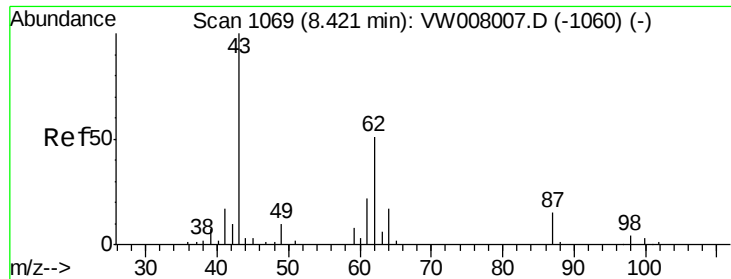
MMDadoda  
1/4/2019 12:02:13 PM



#42  
1,2-Dichloroethane  
Concen: 19.456 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | 62    | Resp: | 17605 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 8.3   | 0.0   | 15.6  |





#43

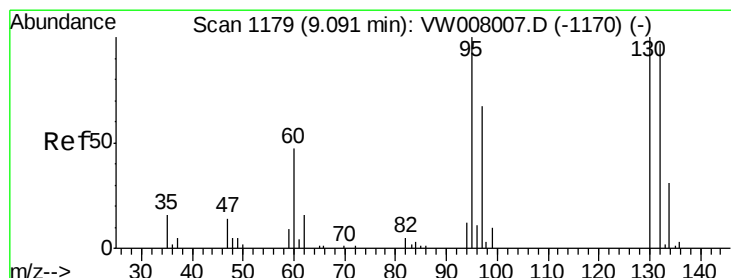
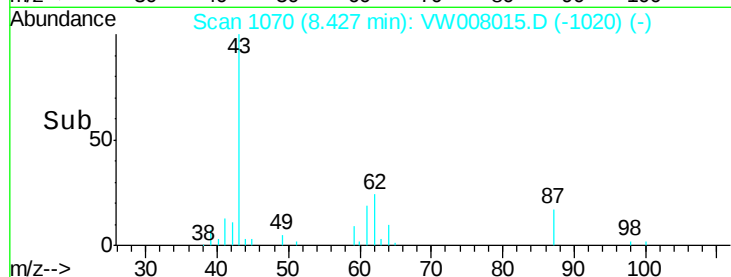
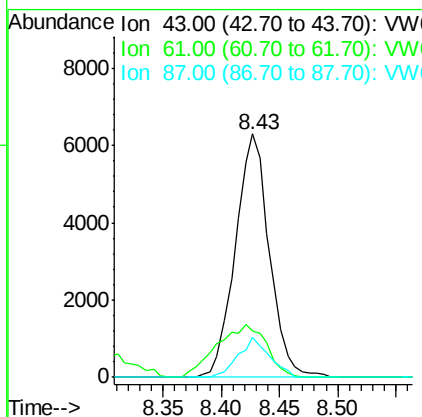
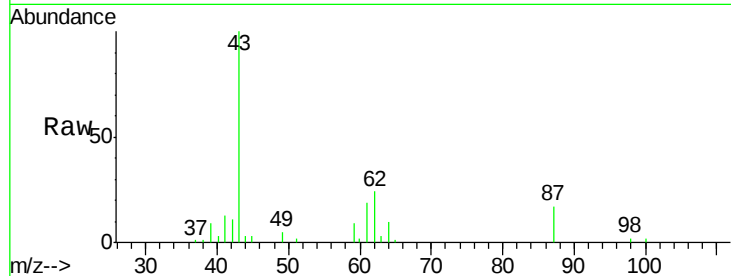
Isopropyl Acetate  
 Concen: 20.729 ug/l  
 RT: 8.43 min Scan# 1070  
 Delta R.T. 0.01 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 31.5  | 26.4  | 39.6  |
| 87      | 15.0  | 12.0  | 18.0  |

Manual Integrations  
 APPROVED

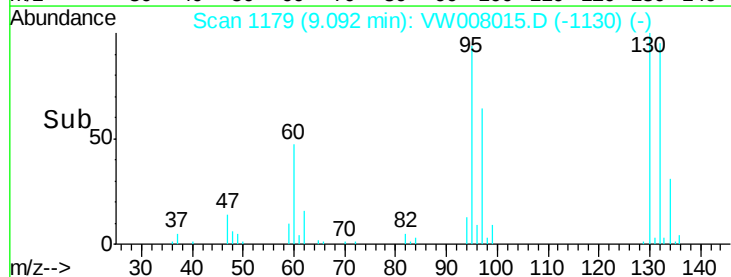
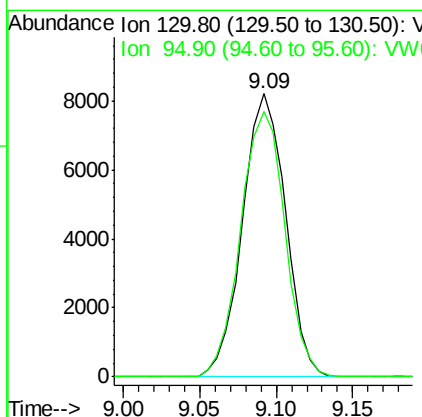
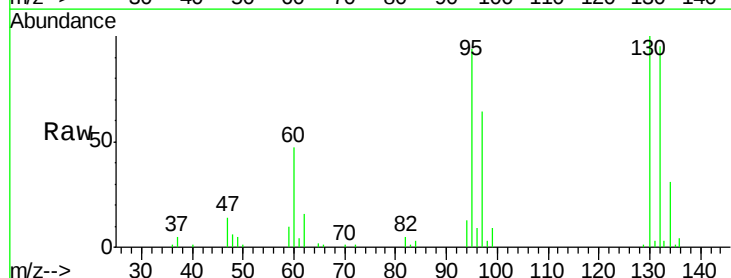
MMDadoda  
 1/4/2019 12:02:13 PM

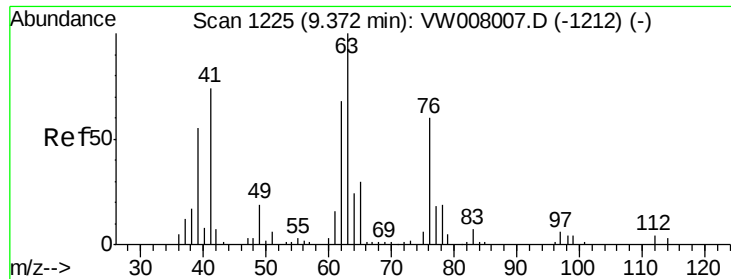


#44

Trichloroethene  
 Concen: 20.060 ug/l  
 RT: 9.09 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 93.6  | 0.0   | 200.0 |





#45

1,2-Dichloropropane

Concen: 20.579 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBS01

Tot Ion: 63 Resp: 12097

Ion Ratio Lower Upper

63 100

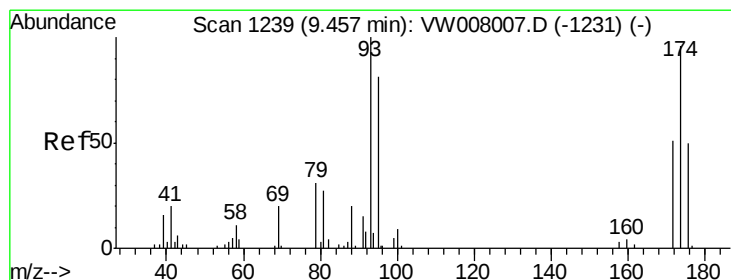
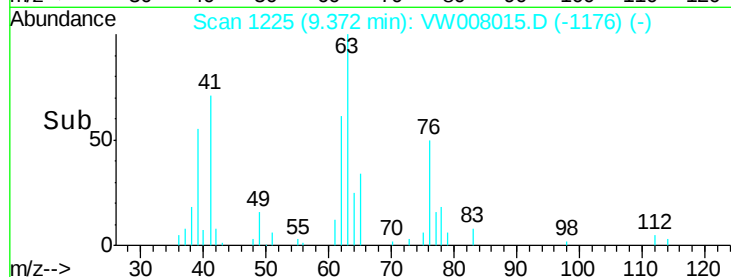
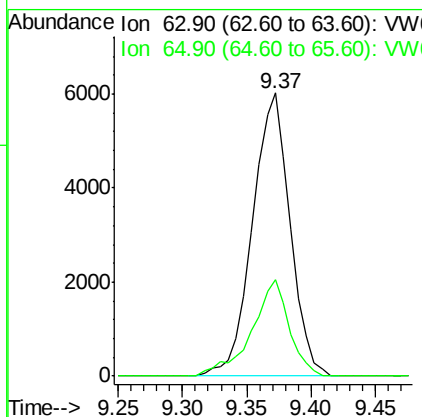
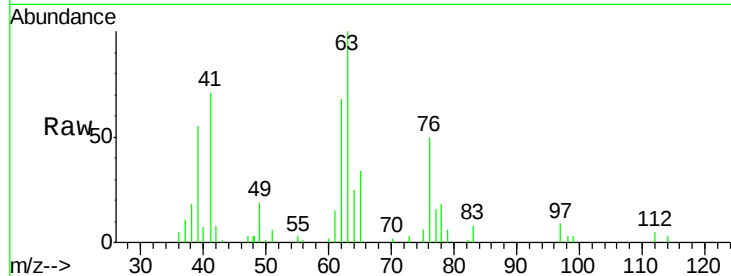
65 34.0 24.2 36.4

Manual Integrations

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#46

Dibromomethane

Concen: 19.384 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

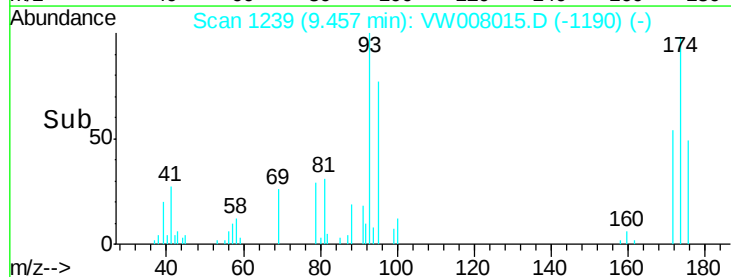
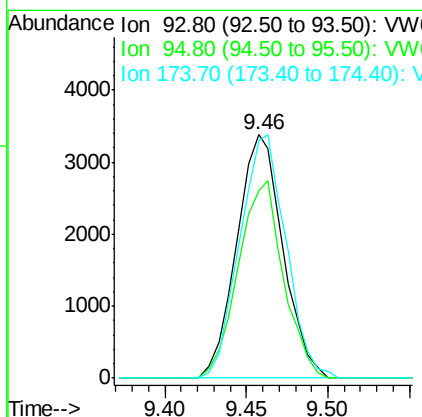
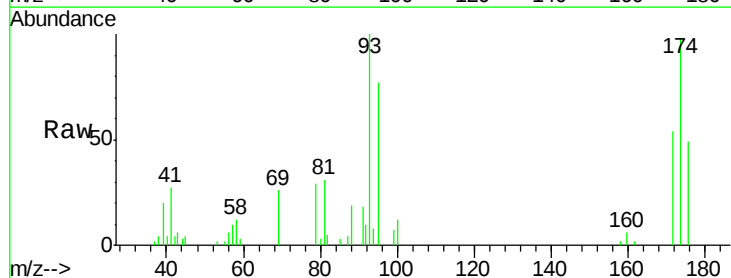
Tgt Ion: 93 Resp: 6662

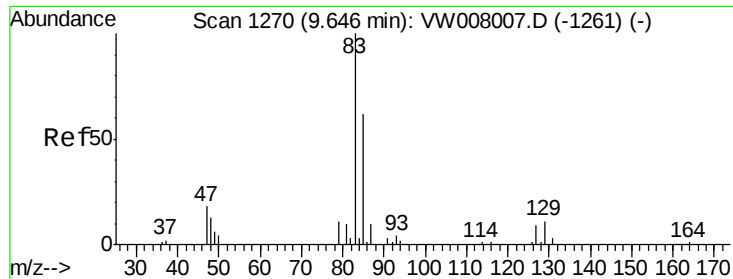
Ion Ratio Lower Upper

93 100

95 79.1 63.9 95.9

174 100.3 79.0 118.6





#47

Bromodichloromethane

Concen: 19.516 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

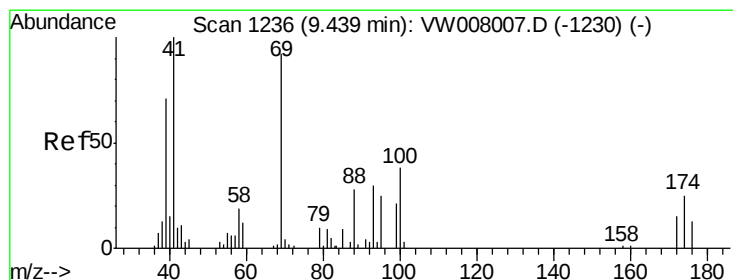
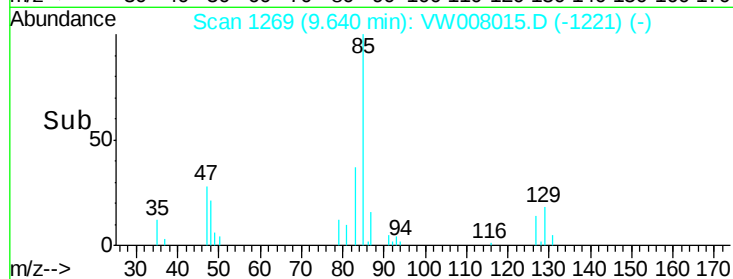
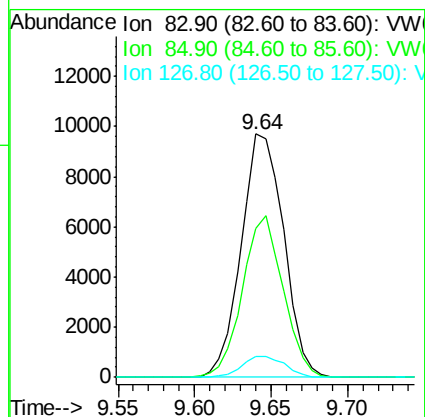
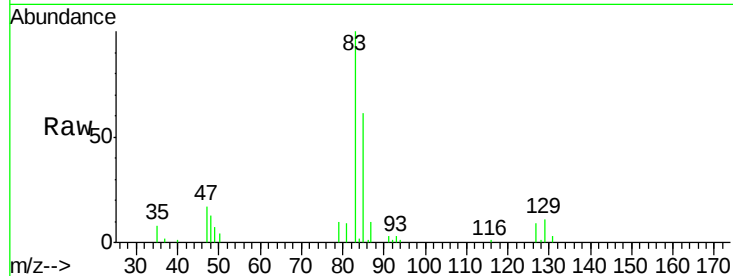
ClientSampleId :

VW0103SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 18786 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.1  | 49.5  | 74.3  |
| 127      | 8.5   | 7.5   | 11.3  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 18.872 ug/l

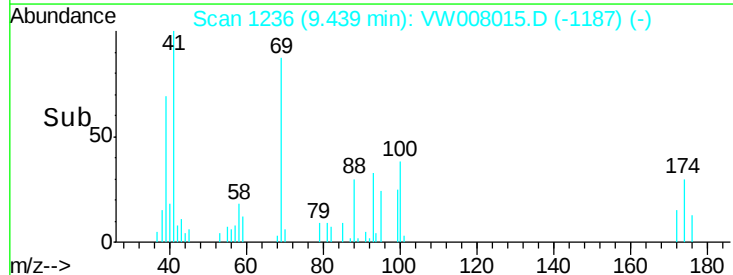
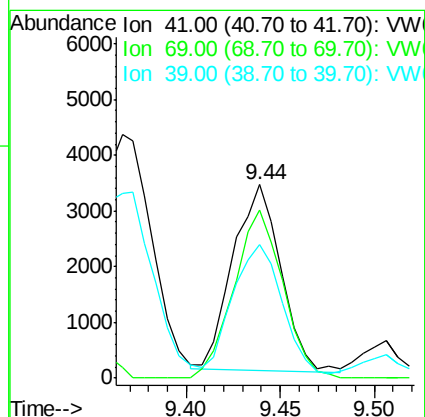
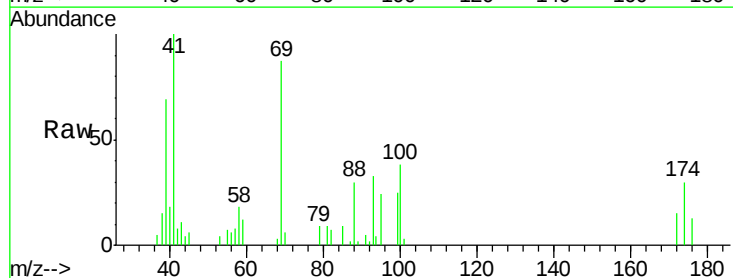
RT: 9.44 min Scan# 1236

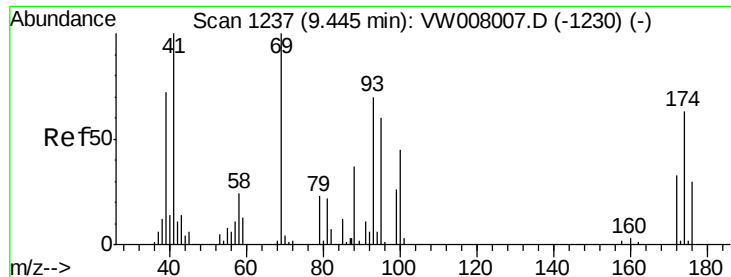
Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 5879  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 92.4  | 72.3  | 108.5 |
| 39       | 70.8  | 58.7  | 88.1  |





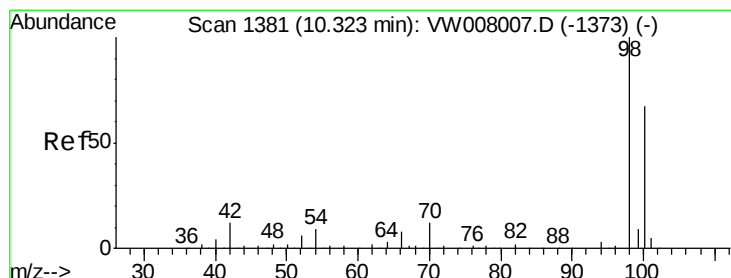
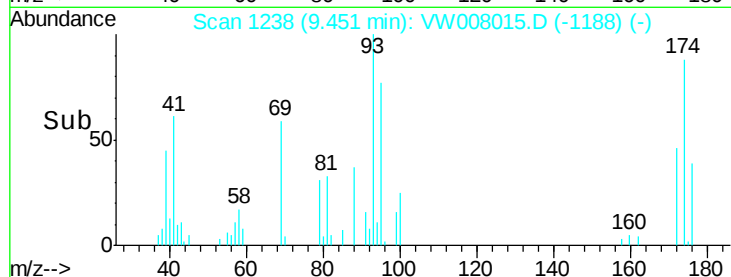
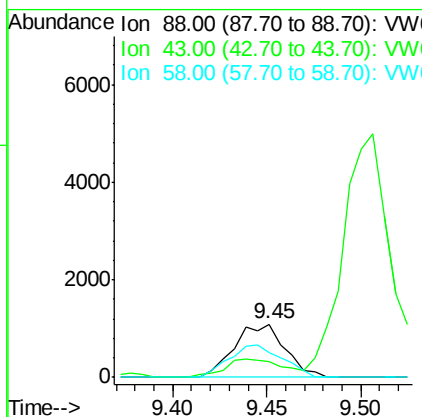
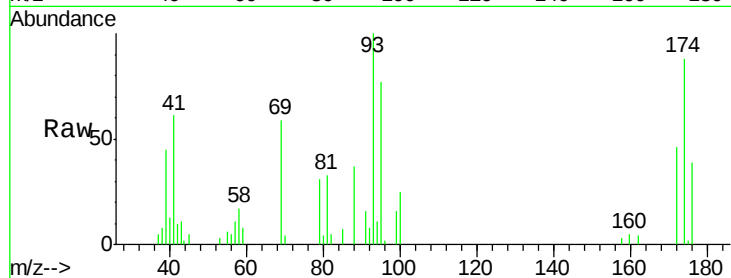
#49  
1,4-Dioxane  
Concen: 399.925 ug/l  
RT: 9.45 min Scan# 1238  
Delta R.T. 0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 40.2  | 26.8  | 40.2# |
| 58      | 63.7  | 55.8  | 83.6  |

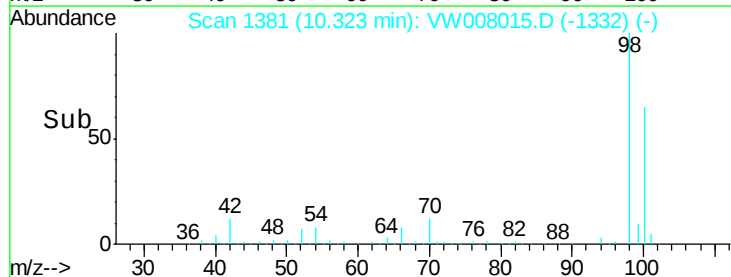
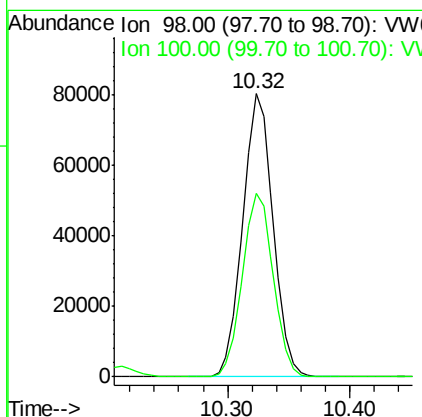
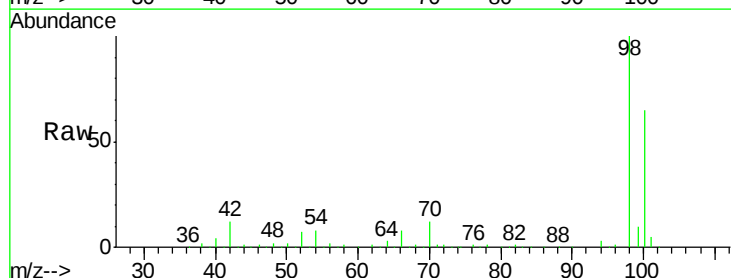
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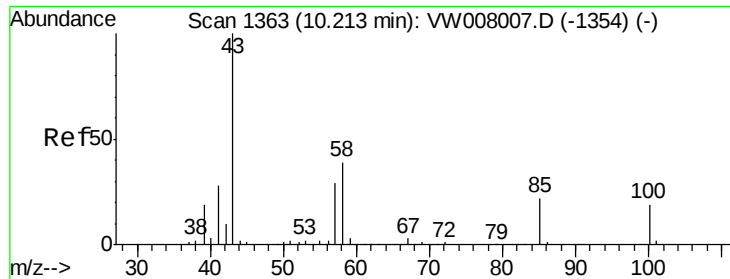
MMDadoda  
1/4/2019 12:02:13 PM



#50  
Toluene-d8  
Concen: 56.047 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.0  | 52.9  | 79.3  |





#51

4-Methyl-2-Pentanone

Concen: 99.370 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampled :

VW0103SBS01

Tot Ion: 43 Resp: 28419

Ion Ratio Lower Upper

43 100

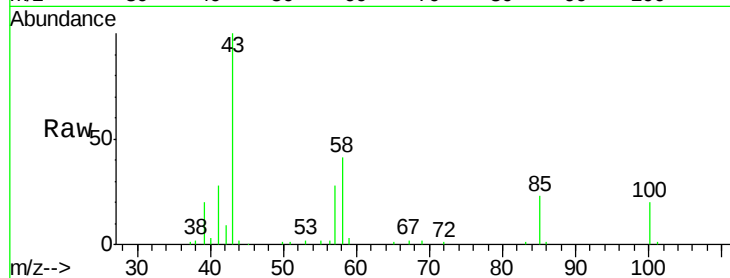
58 39.6 32.0 48.0

Manual Integrations

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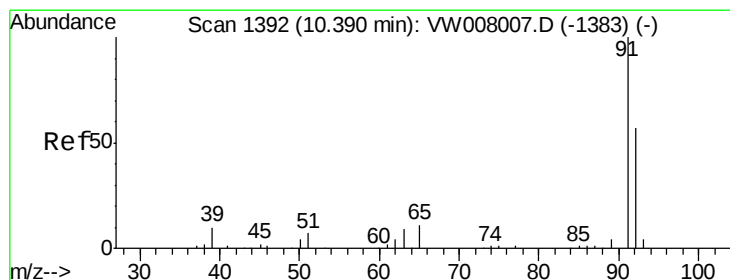
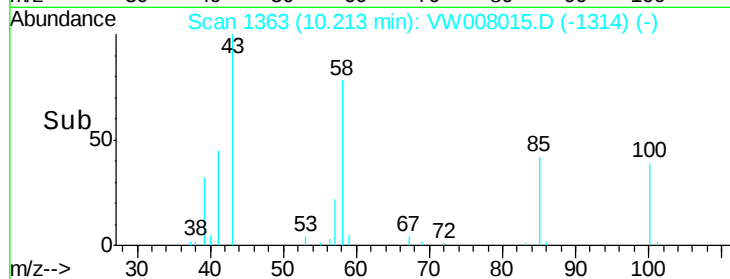
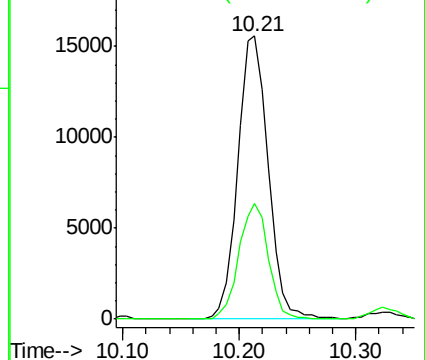
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.487 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008015.D

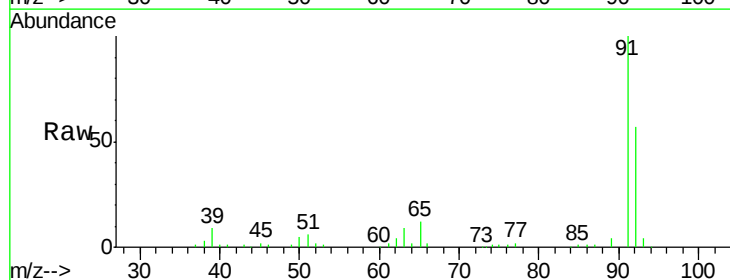
Acq: 03 Jan 2019 12:43

Tgt Ion: 92 Resp: 34938

Ion Ratio Lower Upper

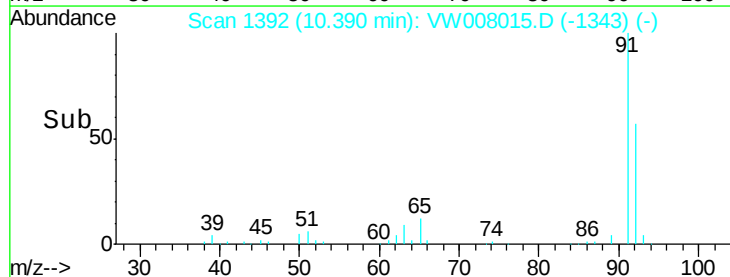
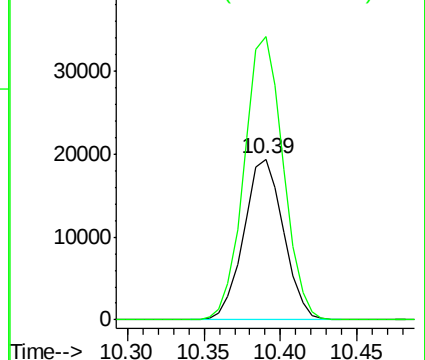
92 100

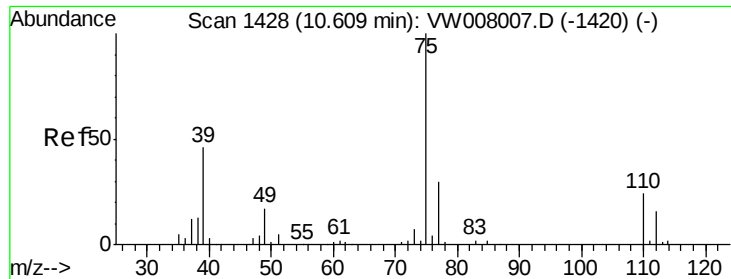
91 173.8 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





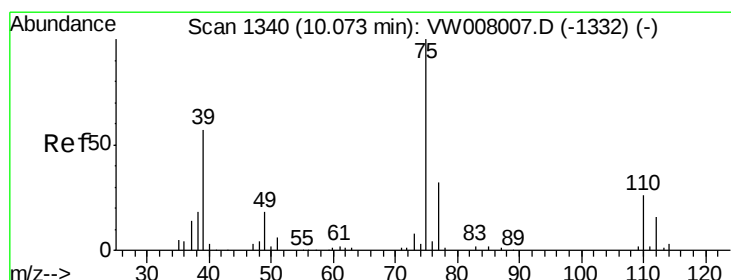
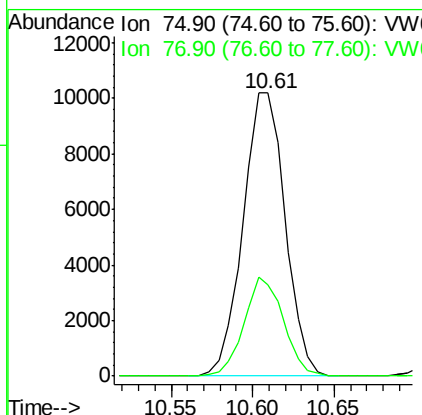
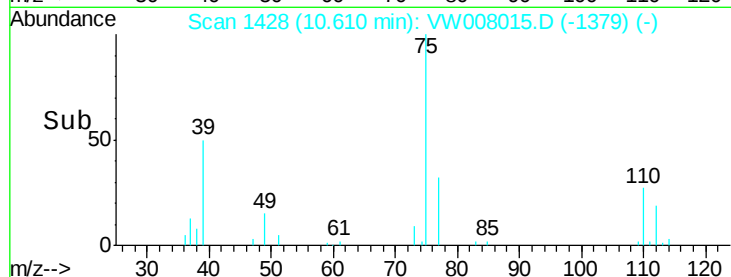
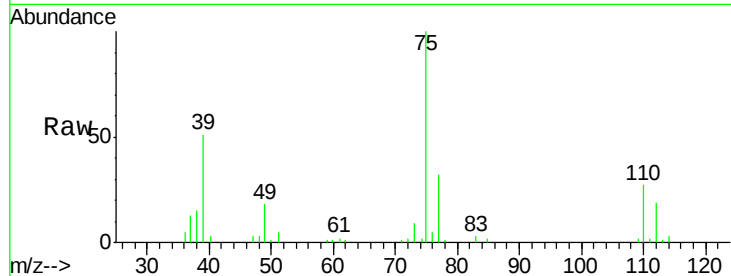
#53  
t-1,3-Dichloropropene  
Concen: 19.773 ug/l  
RT: 10.61 min Scan# 1428  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

Tot Ion: 75 Resp: 18302  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.0 36.0

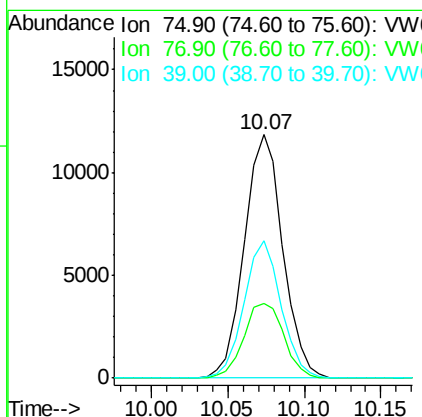
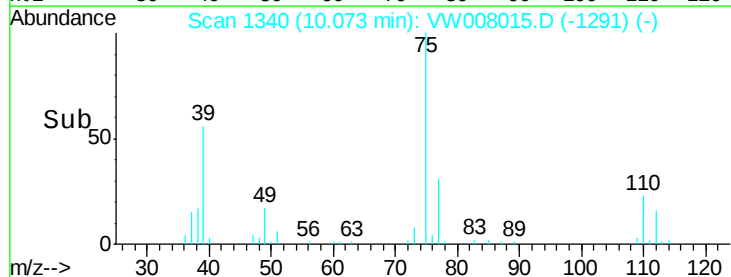
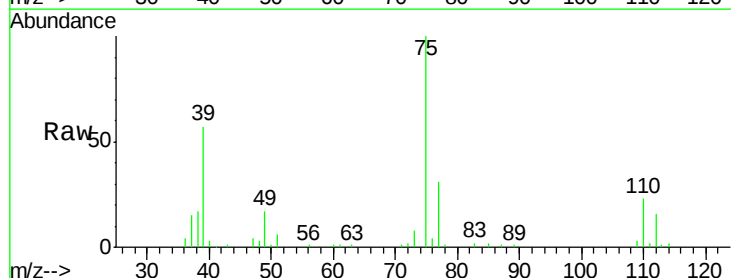
Manual Integrations  
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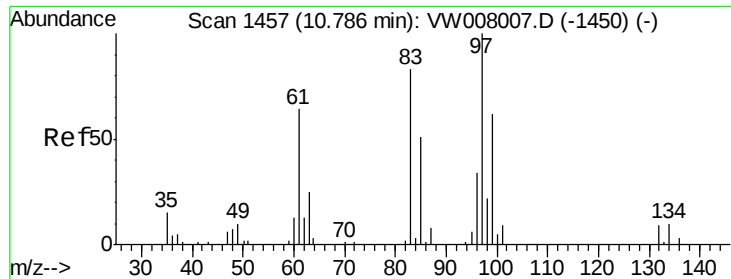
MMDadoda  
1/4/2019 12:02:13 PM



#54  
cis-1,3-Dichloropropene  
Concen: 20.006 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Tgt Ion: 75 Resp: 20664  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.9 38.9  
39 56.7 45.4 68.0





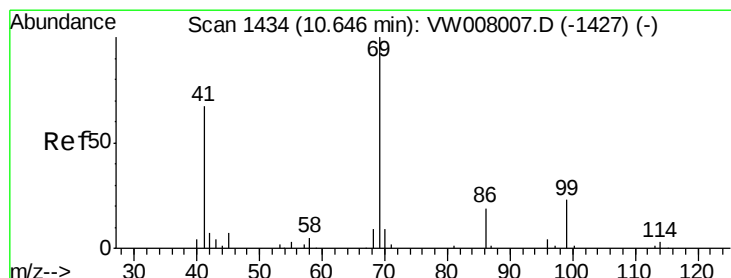
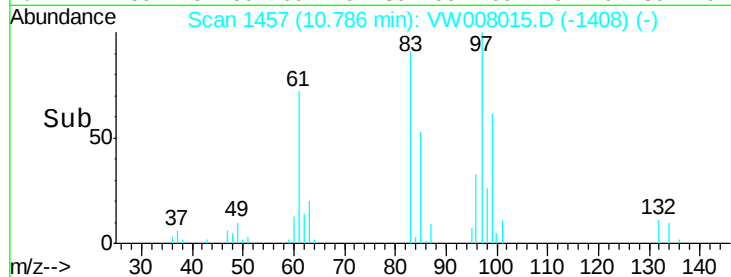
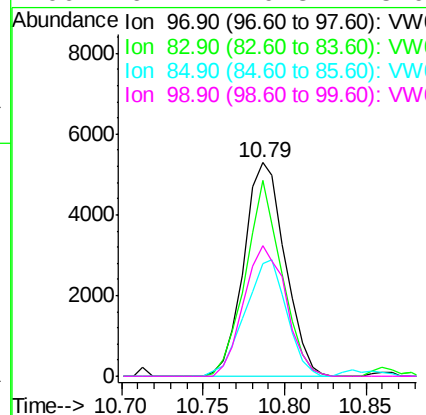
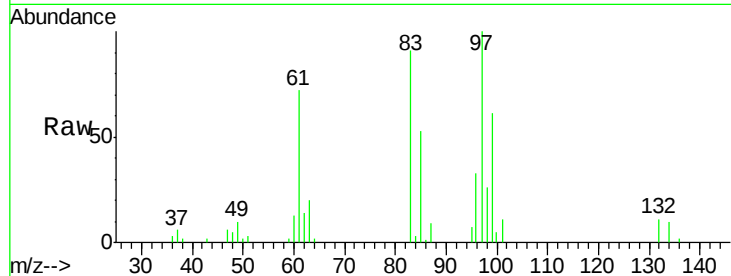
#55  
 1,1,2-Trichloroethane  
 Concen: 20.001 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 9307  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.4  | 66.2  | 99.2  |
| 85       | 52.9  | 41.0  | 61.4  |
| 99       | 61.4  | 49.3  | 73.9  |

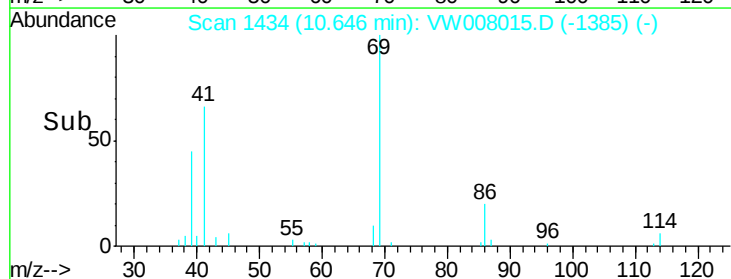
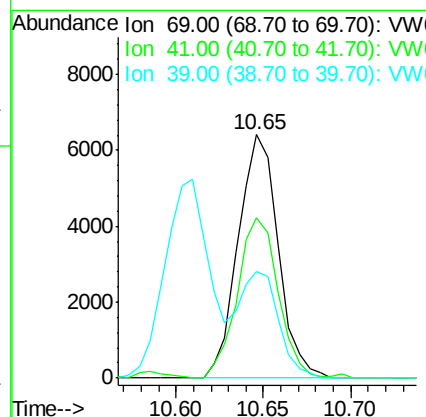
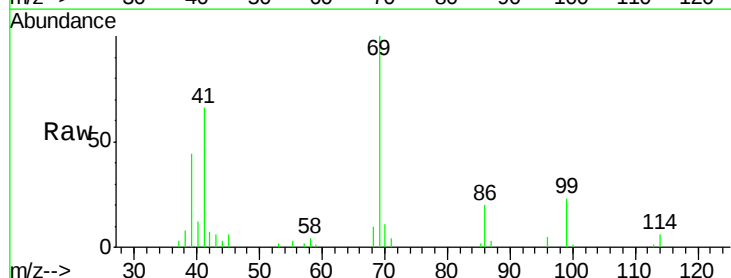
Manual Integrations  
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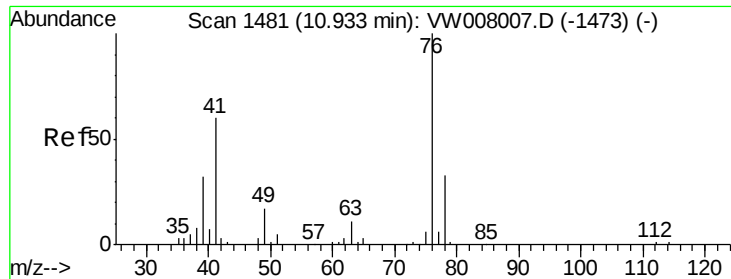
MMDadoda  
 1/4/2019 12:02:13 PM



#56  
 Ethyl methacrylate  
 Concen: 19.399 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 10205 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.8  | 52.6  | 79.0  |
| 39       | 44.1  | 35.8  | 53.6  |





#57

1,3-Dichloropropane

Concen: 19.802 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBSD01

Tot Ion: 76 Resp: 15657

Ion Ratio Lower Upper

76 100

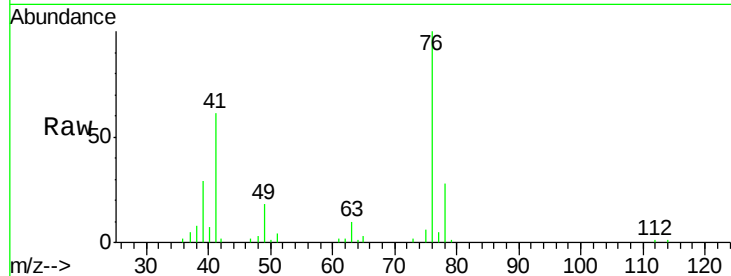
78 30.2 26.7 40.1

Manual Integrations

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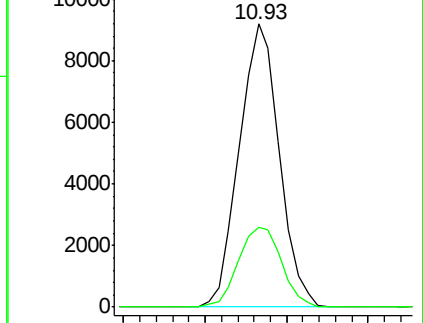
MMDadoda

1/4/2019 12:02:13 PM

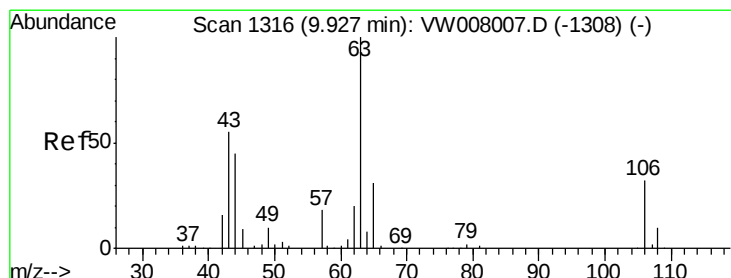
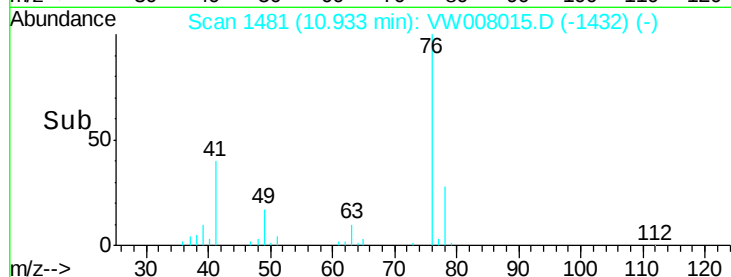


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 112.761 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW008015.D

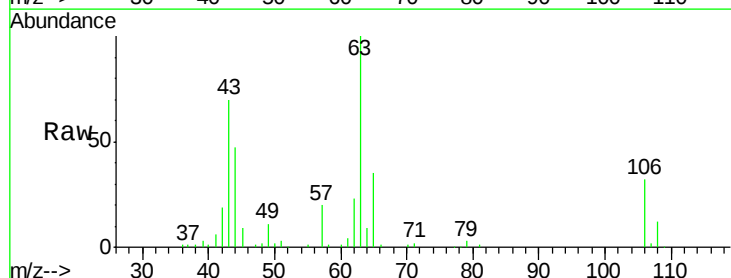
Acq: 03 Jan 2019 12:43

Tgt Ion: 63 Resp: 28132

Ion Ratio Lower Upper

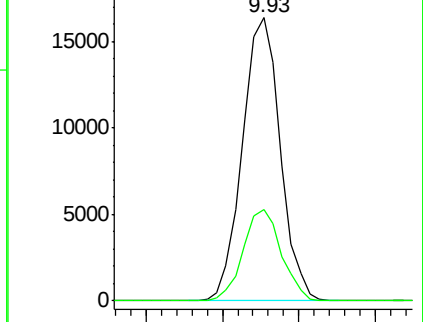
63 100

106 32.6 26.9 40.3

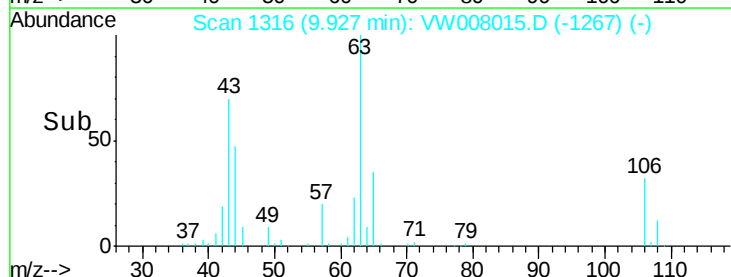


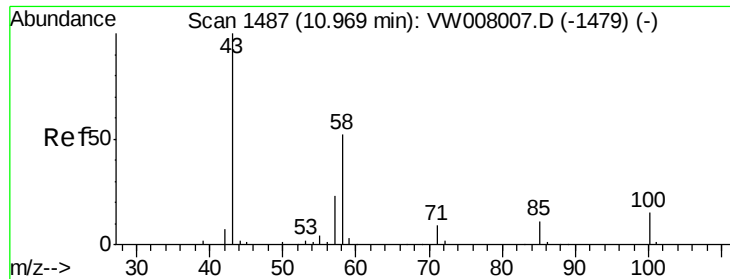
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V



Time-->





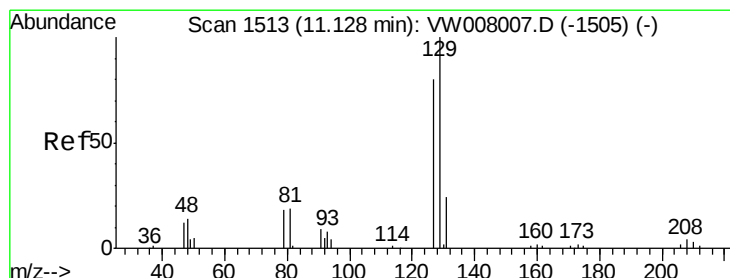
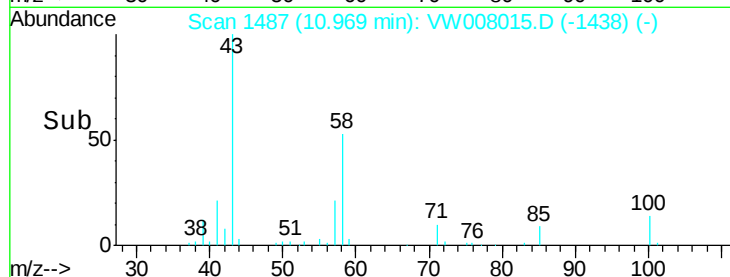
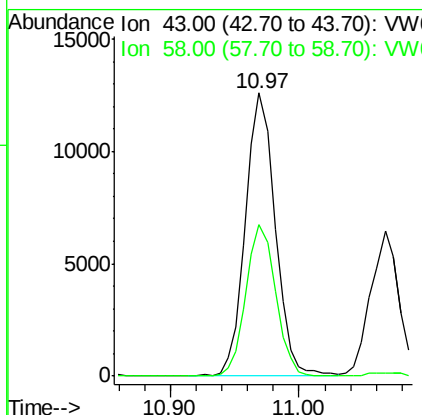
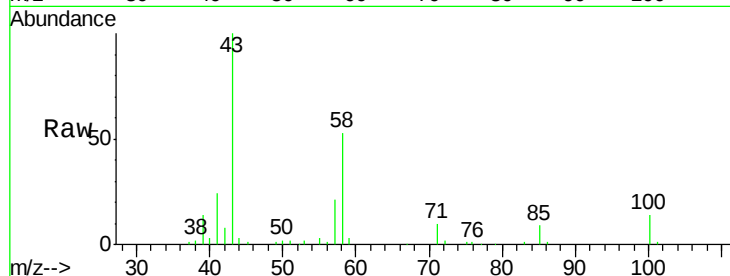
#59  
2-Hexanone  
Concen: 102.180 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBSD01

Tot Ion: 43 Resp: 20174  
Ion Ratio Lower Upper  
43 100  
58 52.8 27.1 81.2

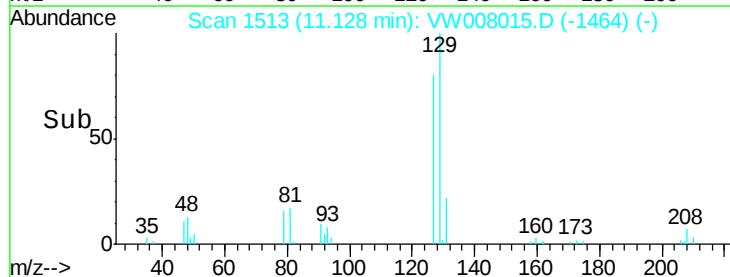
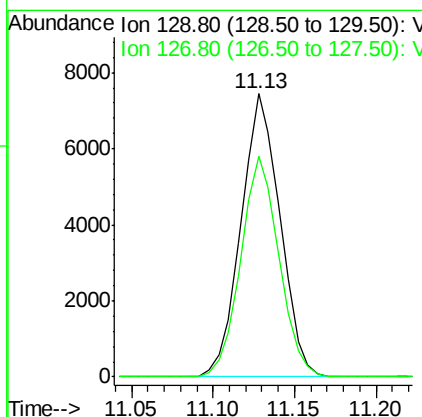
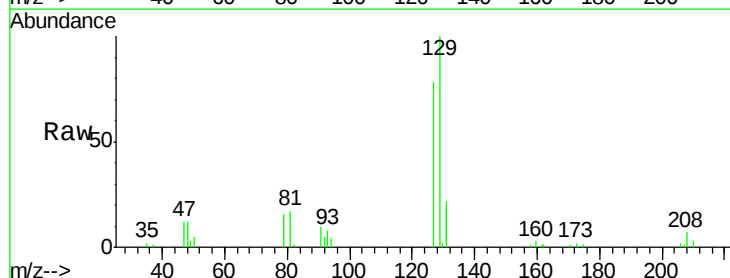
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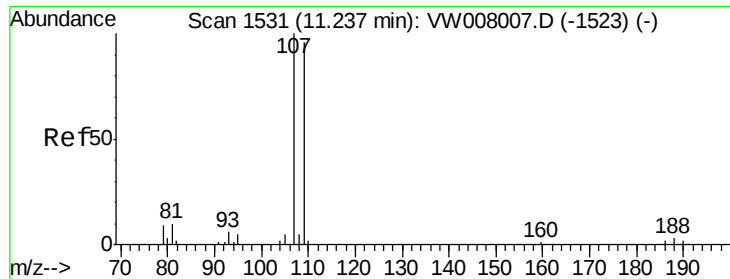
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 19.427 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Tgt Ion: 129 Resp: 12374  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.6 116.0





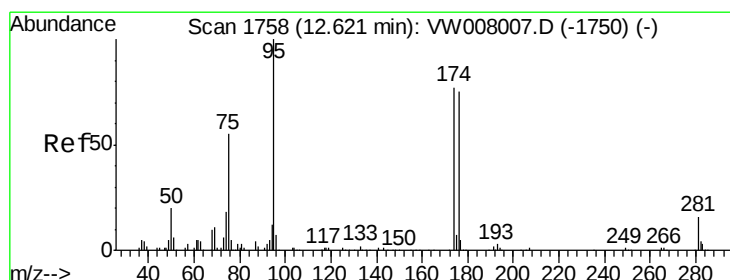
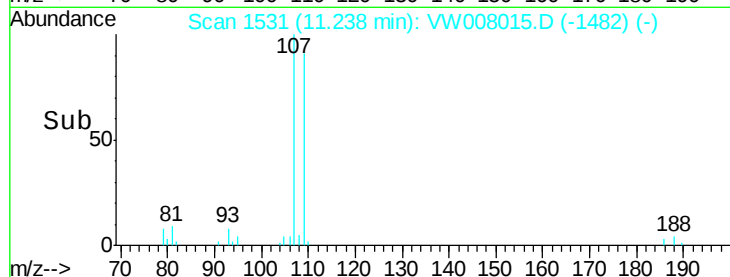
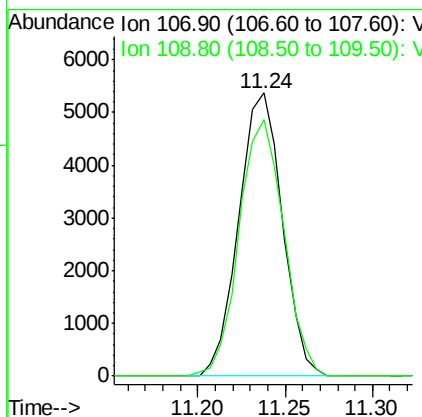
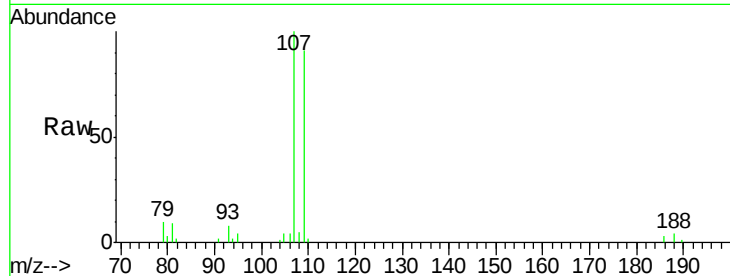
#61  
 1,2-Dibromoethane  
 Concen: 19.948 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 92.8  | 77.2  | 115.8 |

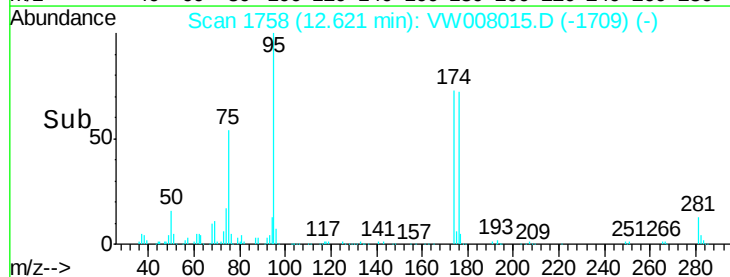
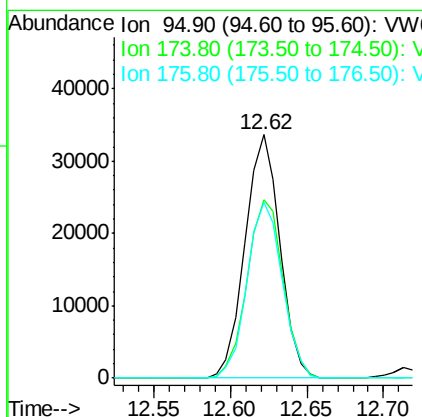
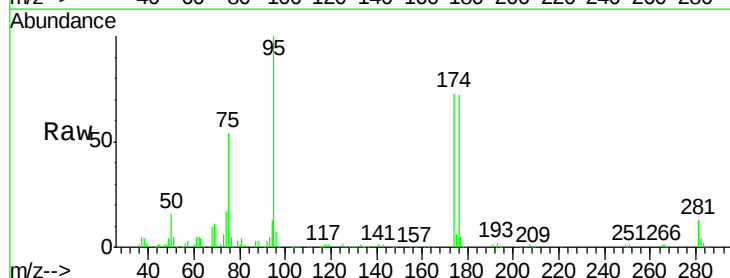
Manual Integrations  
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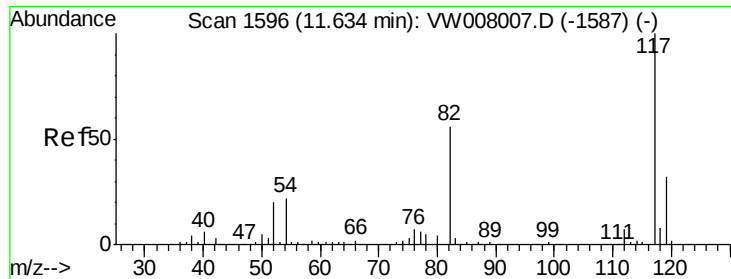
MMDadoda  
 1/4/2019 12:02:13 PM



#62  
 4-Bromofluorobenzene  
 Concen: 56.429 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 75.7  | 0.0   | 149.6 |
| 176     | 73.0  | 0.0   | 145.4 |





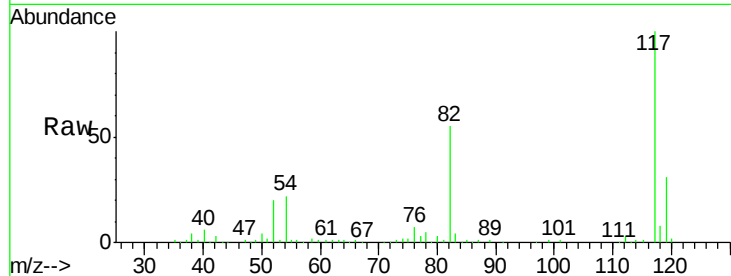
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

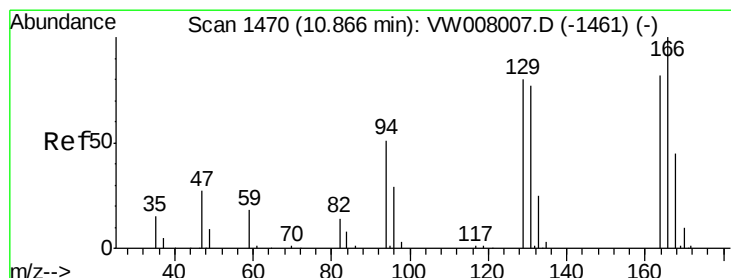
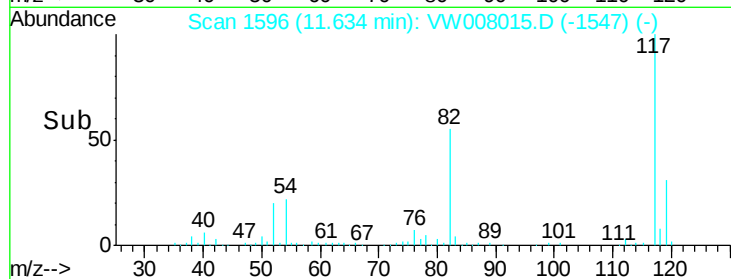
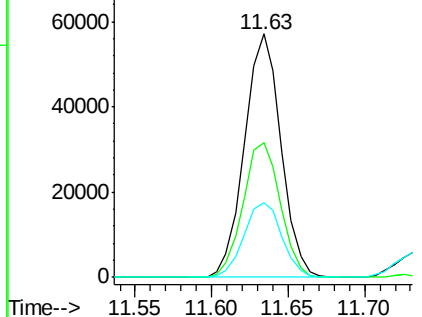
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.2  | 44.8  | 67.2  |
| 119     | 30.7  | 25.6  | 38.4  |

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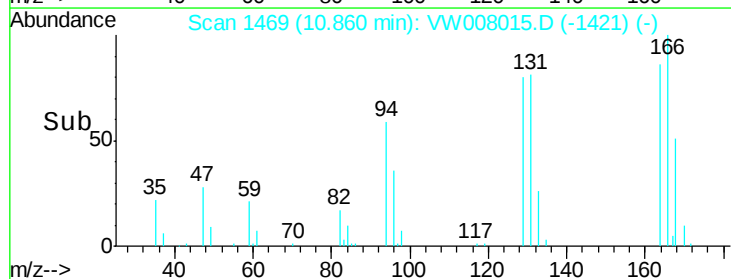
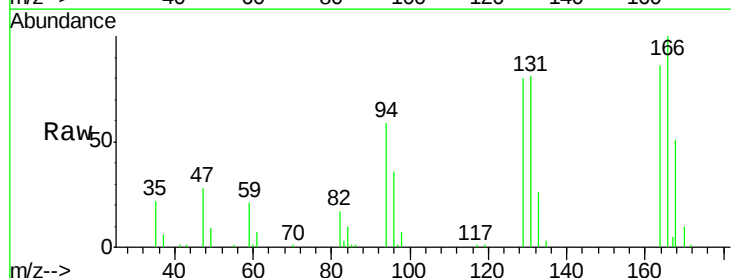
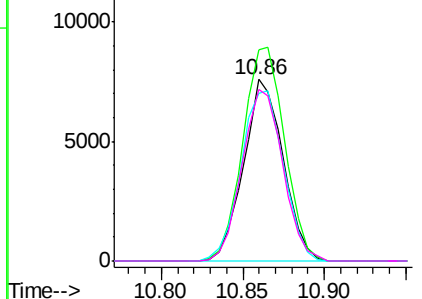
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

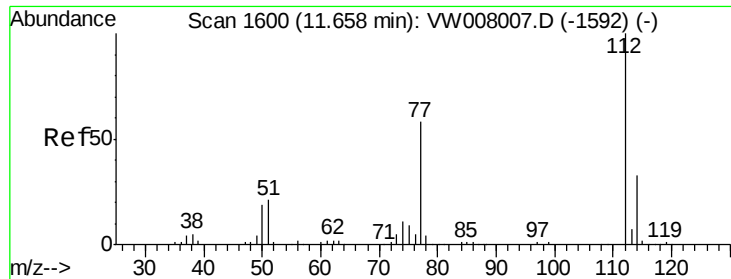


#64  
Tetrachloroethene  
Concen: 19.677 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 116.2 | 98.1  | 147.1 |
| 129     | 92.4  | 78.0  | 117.0 |
| 131     | 94.7  | 75.8  | 113.8 |

Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.636 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBS01

Tot Ion:112 Resp: 39656

Ion Ratio Lower Upper

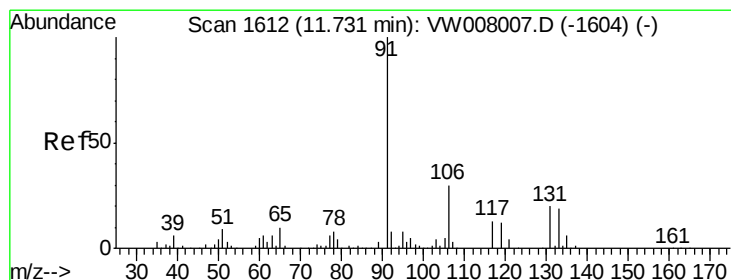
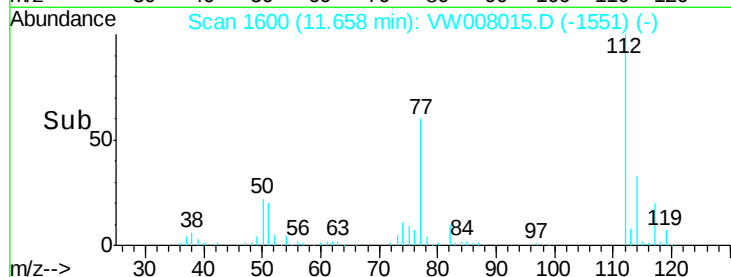
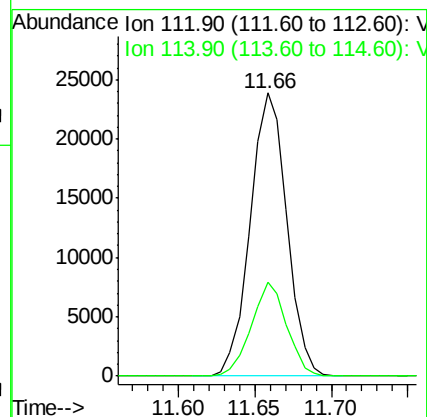
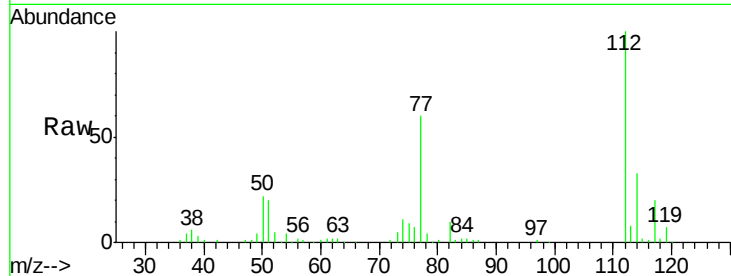
112 100

114 33.1 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.166 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

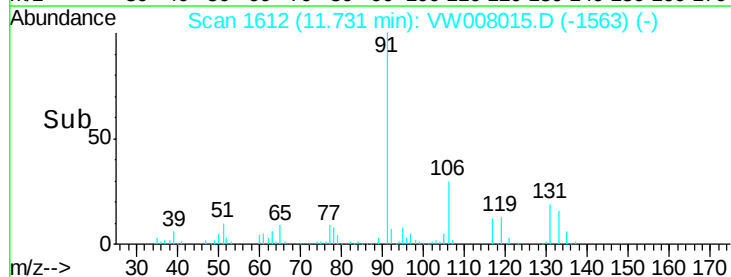
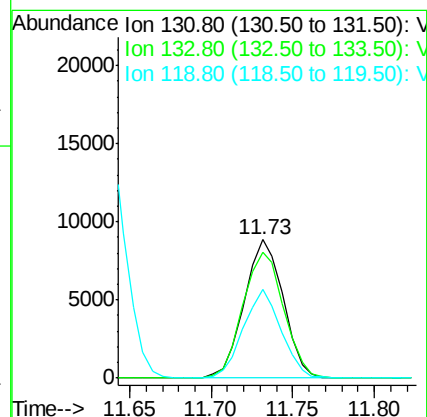
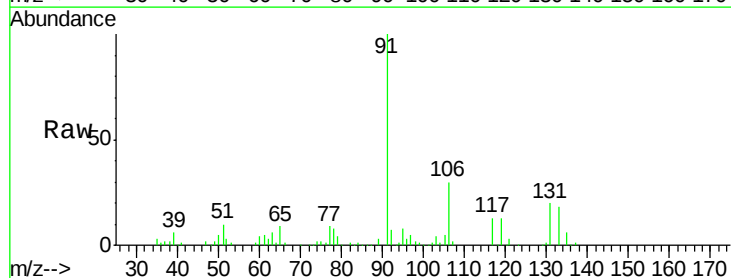
Tgt Ion:131 Resp: 14749

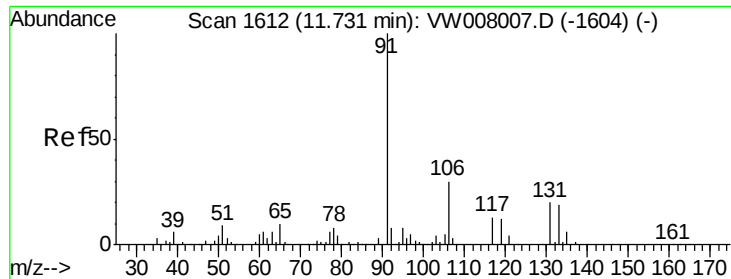
Ion Ratio Lower Upper

131 100

133 95.1 49.1 147.3

119 62.1 30.6 91.6





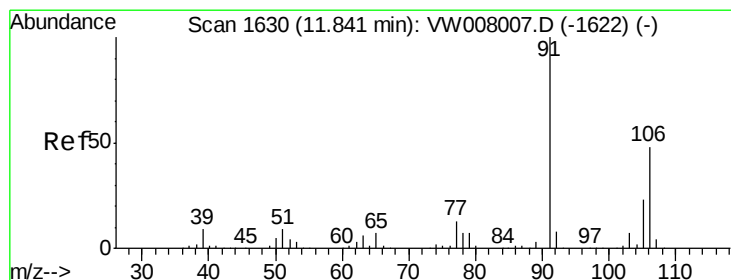
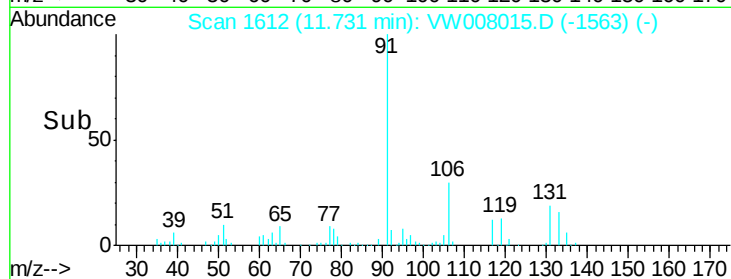
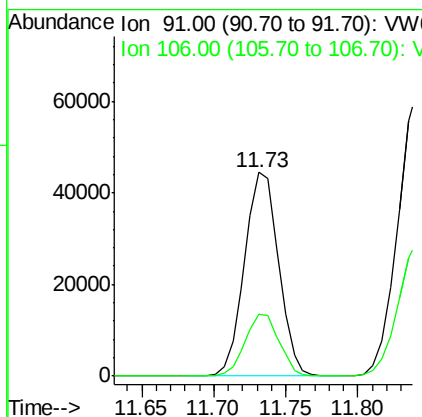
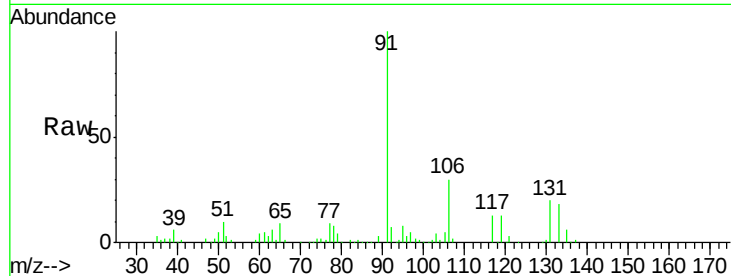
#67  
Ethyl Benzene  
Concen: 20.307 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0103SBS01

Tot Ion: 91 Resp: 72794  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.3 36.5

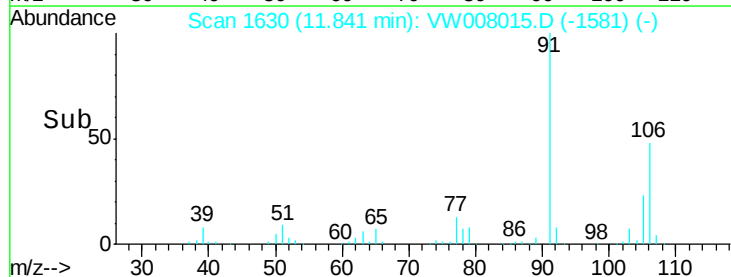
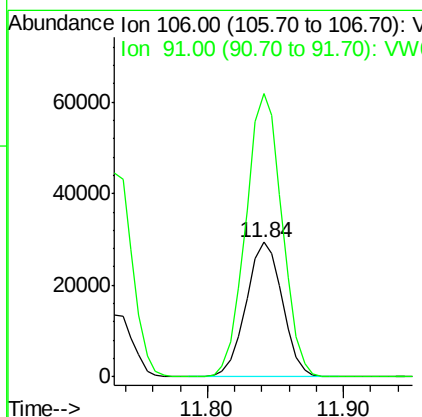
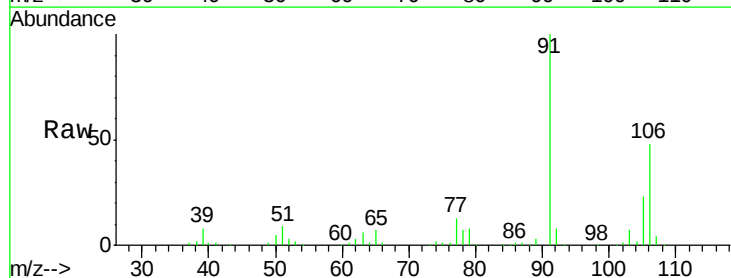
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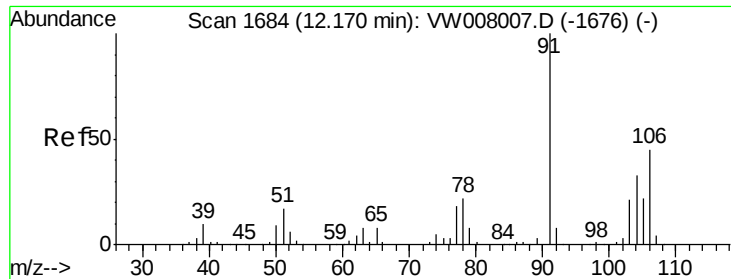
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 39.499 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Tgt Ion: 106 Resp: 54741  
Ion Ratio Lower Upper  
106 100  
91 210.2 165.8 248.8





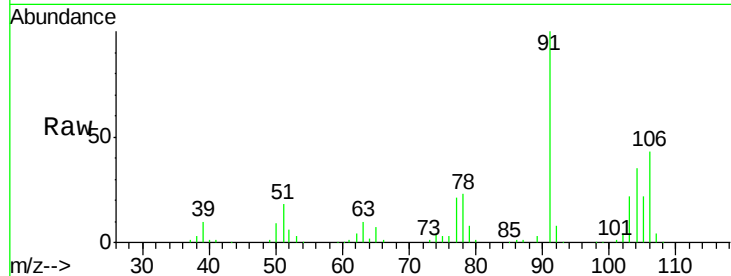
#69  
o-Xylene  
Concen: 19.516 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0103SBS01

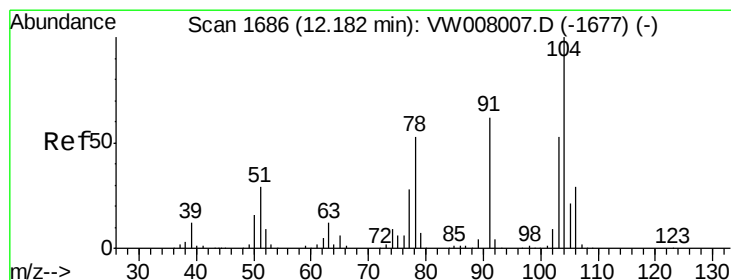
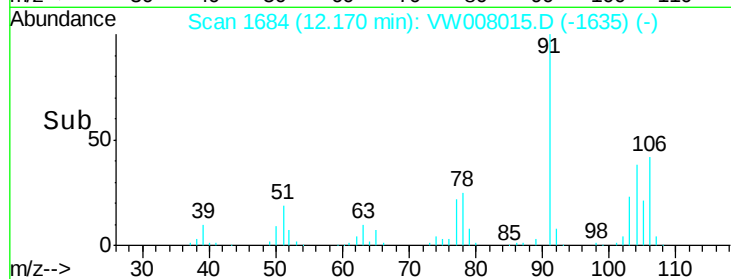
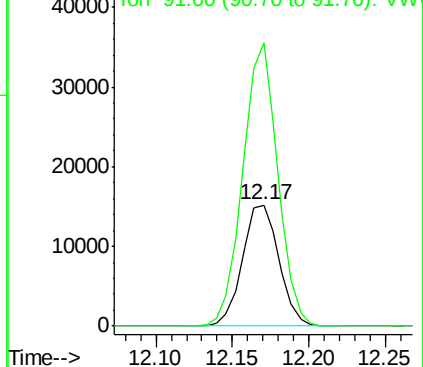
Tot Ion:106 Resp: 25167  
Ion Ratio Lower Upper  
106 100  
91 223.3 110.6 331.6

Manual Integrations  
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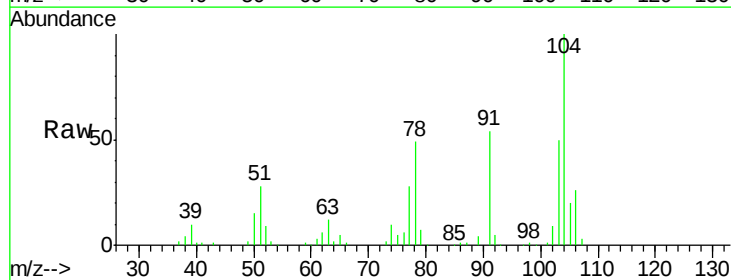


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

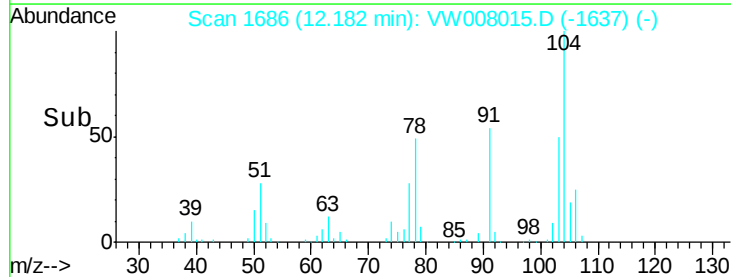
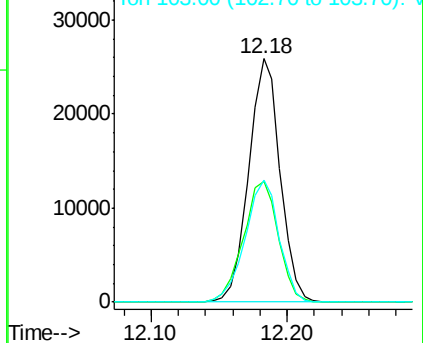


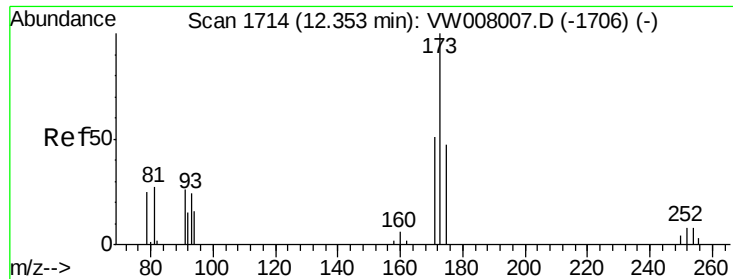
#70  
Styrene  
Concen: 19.955 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Tgt Ion:104 Resp: 41942  
Ion Ratio Lower Upper  
104 100  
78 55.0 44.0 66.0  
103 54.1 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.015 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBSD01

Tot Ion:173 Resp: 6782

Ion Ratio Lower Upper

173 100

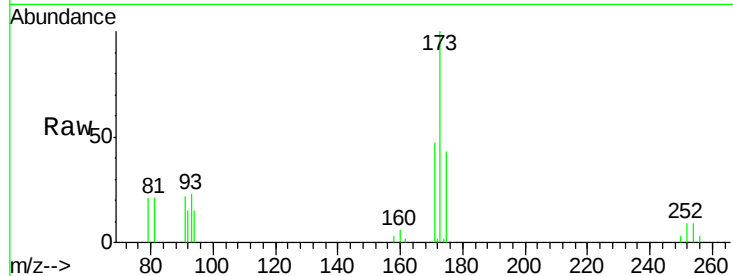
175 44.6 23.6 71.0

254 0.0 0.0 0.0

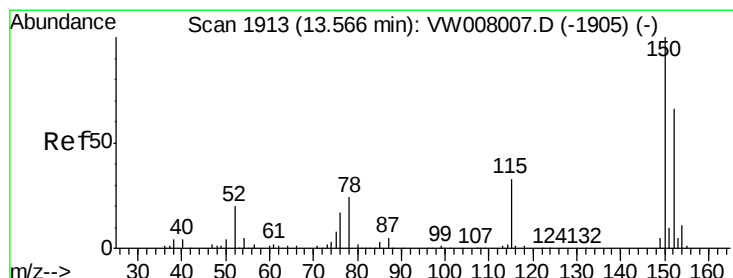
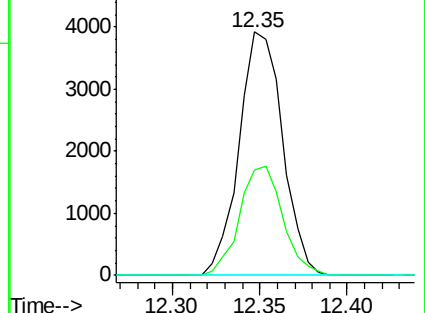
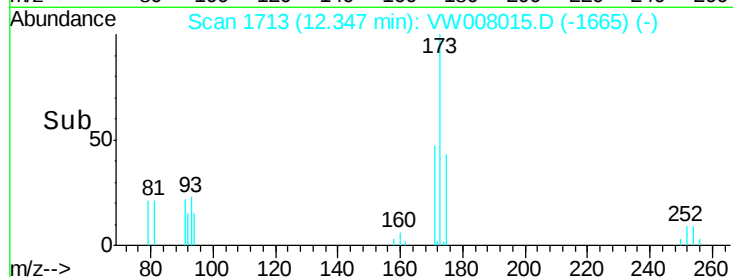
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

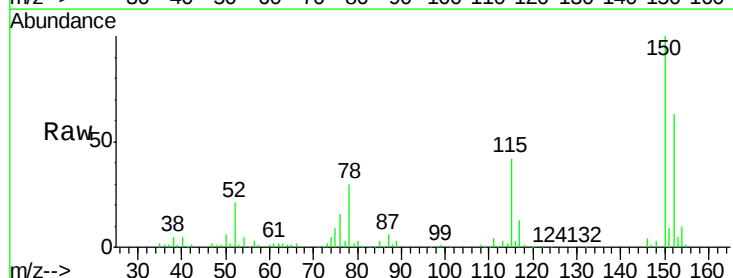
Tgt Ion:152 Resp: 48732

Ion Ratio Lower Upper

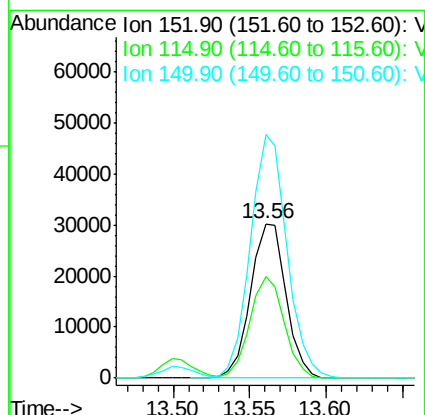
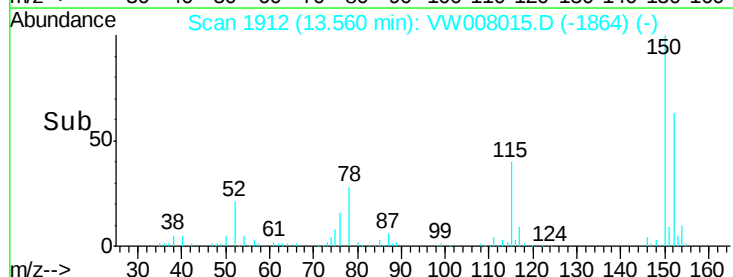
152 100

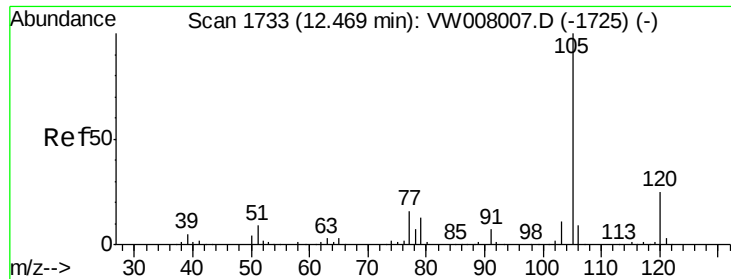
115 64.0 32.1 96.5

150 163.1 0.0 345.0



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: 19.345 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampled :

VW0103SBS01

Tot Ion: 105 Resp: 74962

Ion Ratio Lower Upper

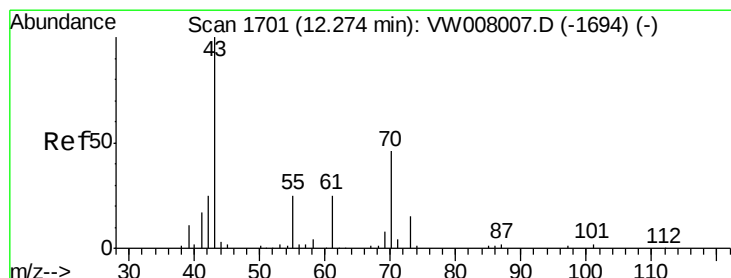
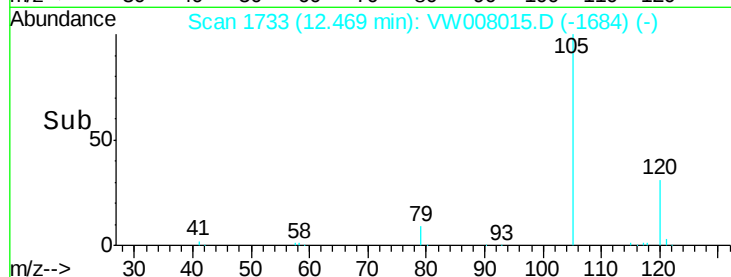
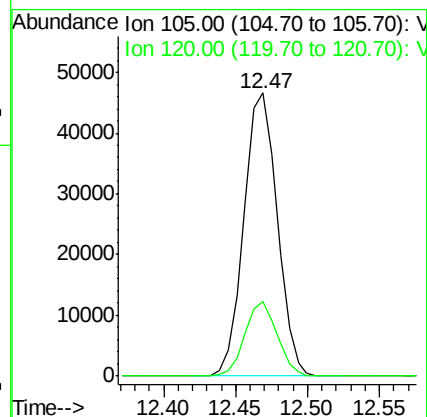
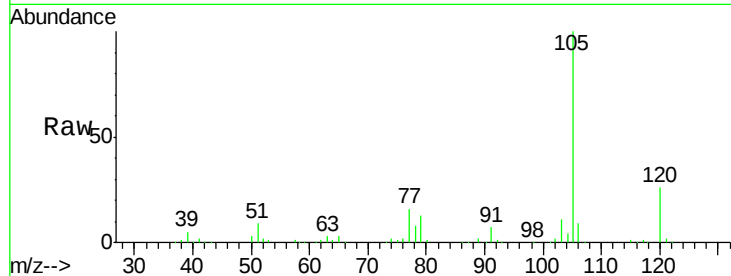
105 100

120 25.3 12.8 38.3

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#74

N-ethyl acetate

Concen: 19.365 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Tgt Ion: 43 Resp: 11681

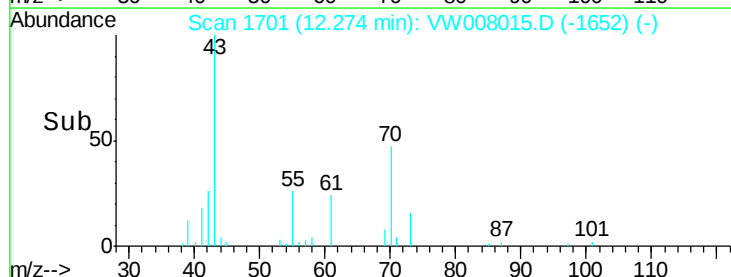
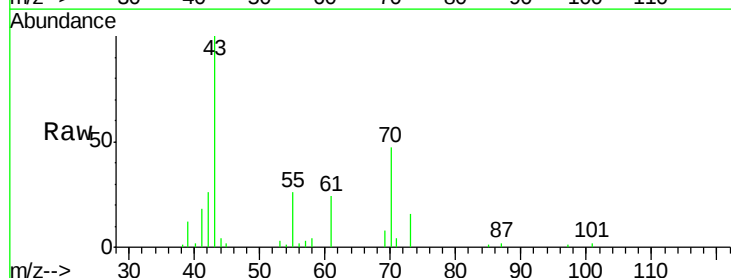
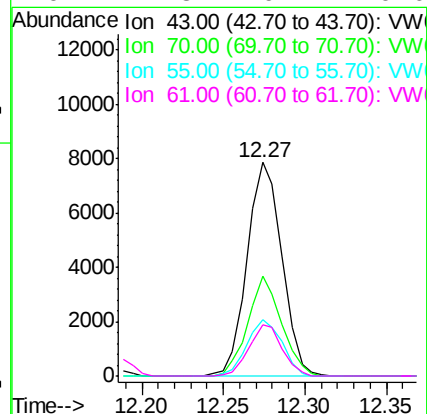
Ion Ratio Lower Upper

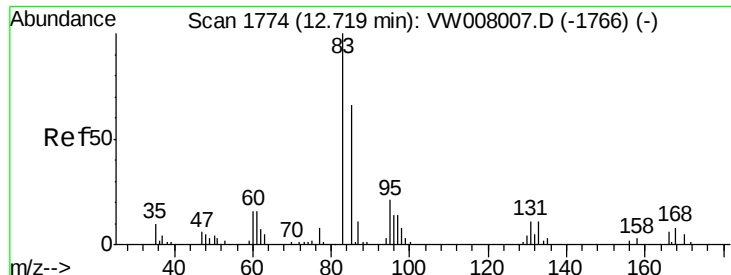
43 100

70 45.0 35.2 52.8

55 26.4 21.4 32.0

61 22.8 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.446 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

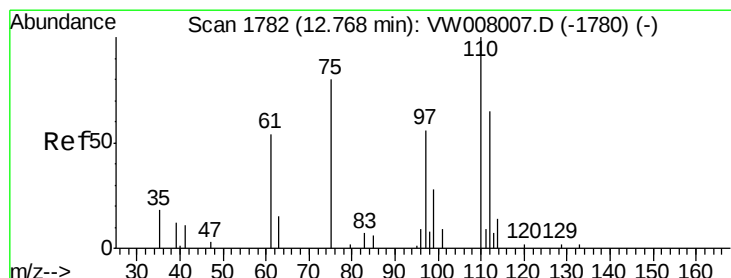
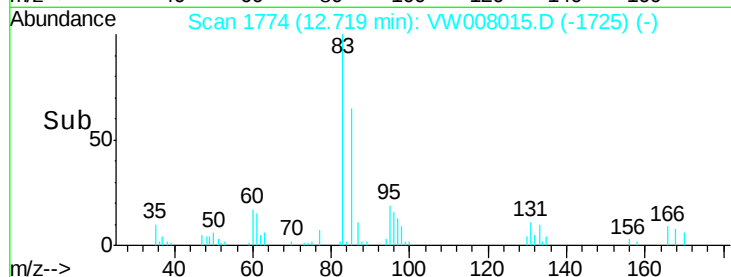
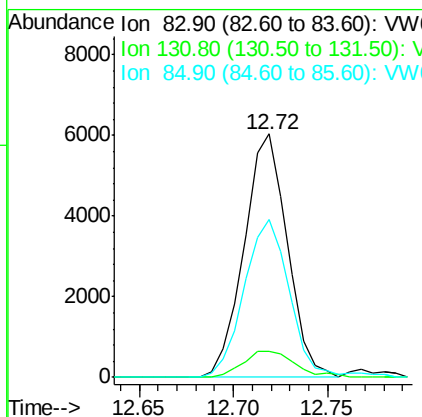
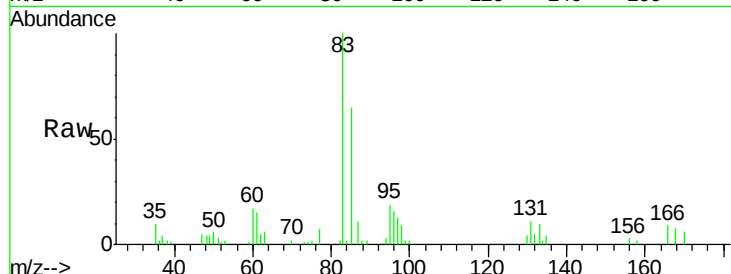
ClientSampleId :

VW0103SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 9588  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 13.0  | 6.5   | 19.5  |
| 85       | 67.9  | 32.8  | 98.3  |

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#76

1,2,3-Trichloropropane

Concen: 20.217 ug/l m

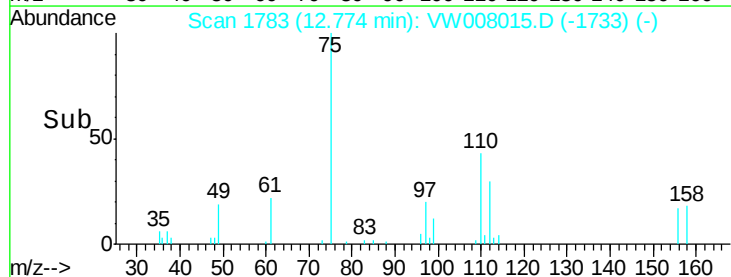
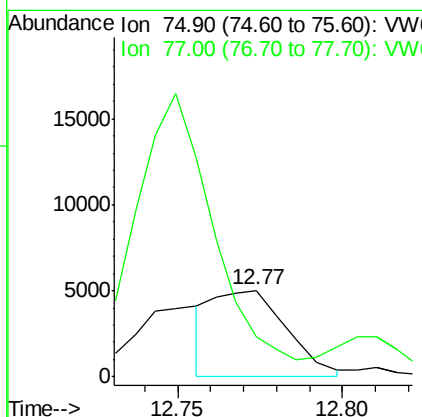
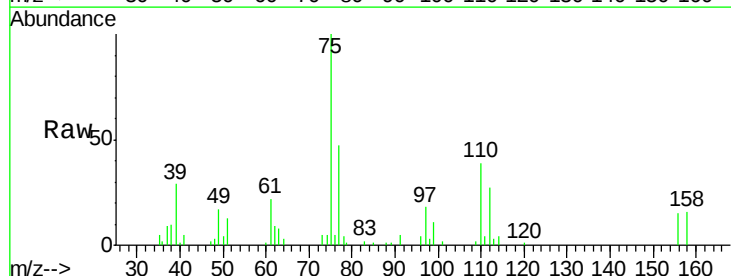
RT: 12.77 min Scan# 1783

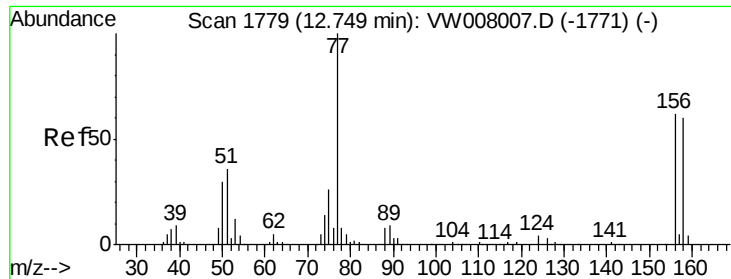
Delta R.T. 0.01 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 7838   |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 0.0   | 186.2 | 558.6# |





#77

Bromobenzene

Concen: 19.144 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampled :

VW0103SBS01

Tot Ion:156 Resp: 15945

Ion Ratio Lower Upper

156 100

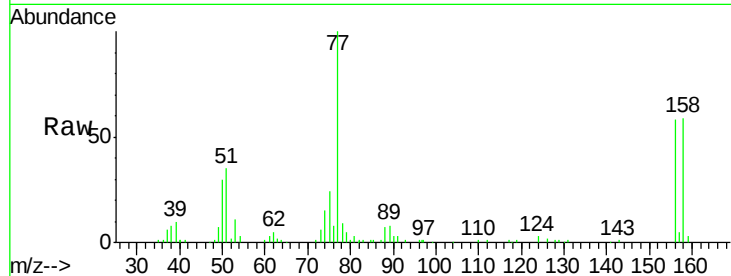
77 176.3 87.9 263.8

158 98.3 47.8 143.4

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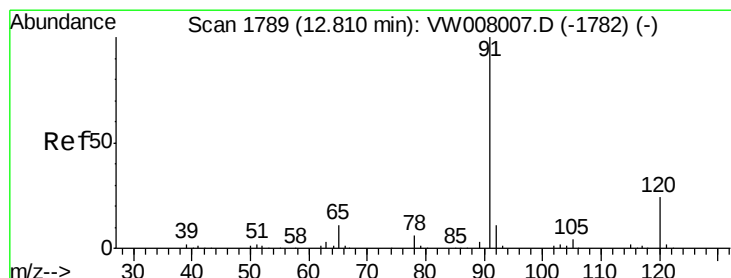
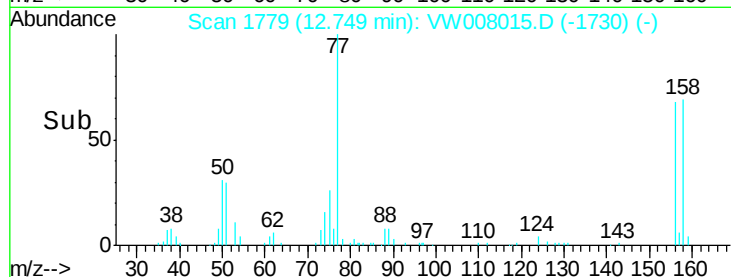
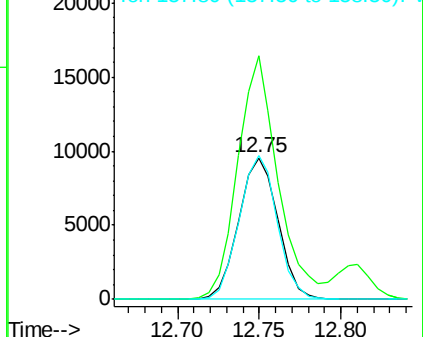
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.283 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008015.D

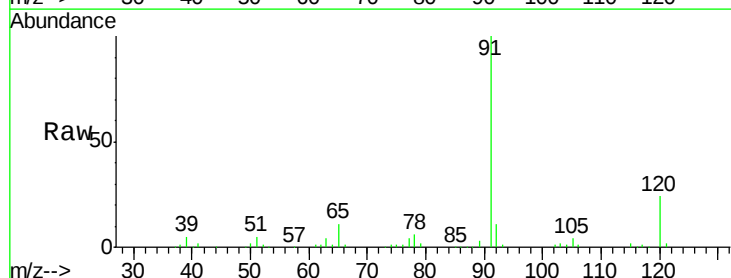
Acq: 03 Jan 2019 12:43

Tgt Ion: 91 Resp: 86633

Ion Ratio Lower Upper

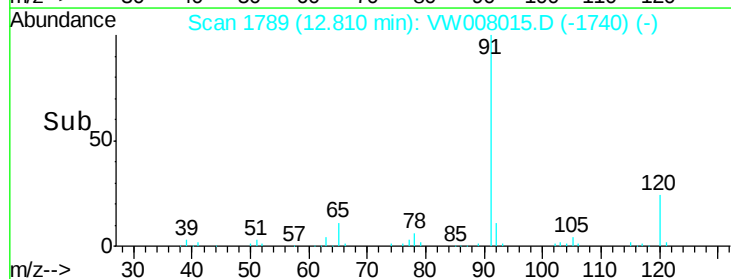
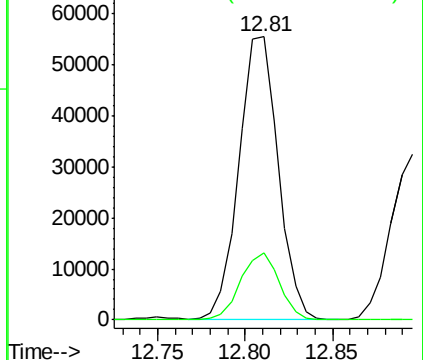
91 100

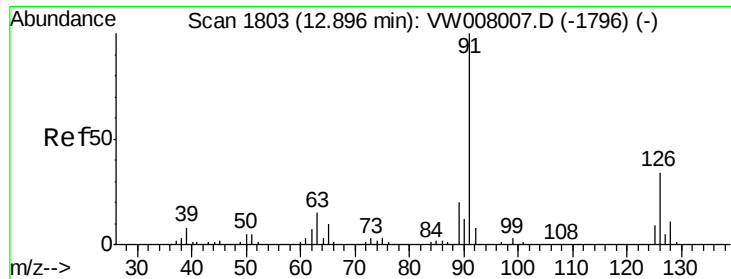
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.557 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008015.D

Acq: 03 Jan 2019 12:43

Instrument :

MSVOA\_W

ClientSampleId :

VW0103SBS01

Tot Ion: 91 Resp: 50783

Ion Ratio Lower Upper

91 100

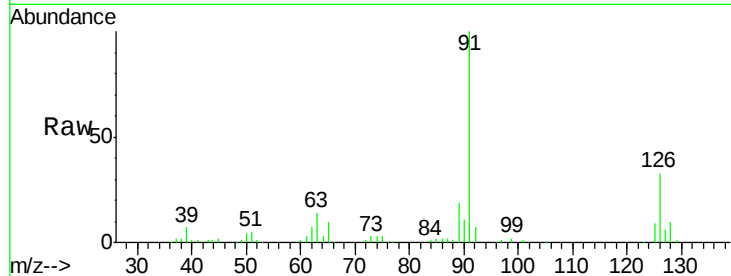
126 32.6 17.1 51.2

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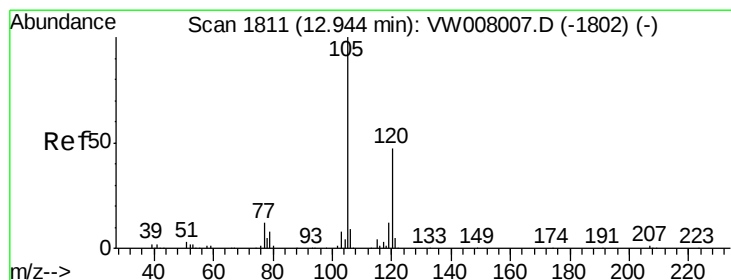
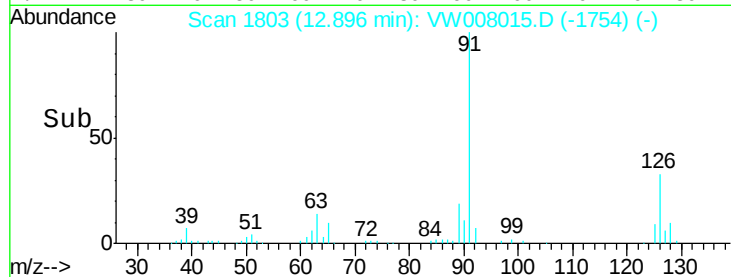
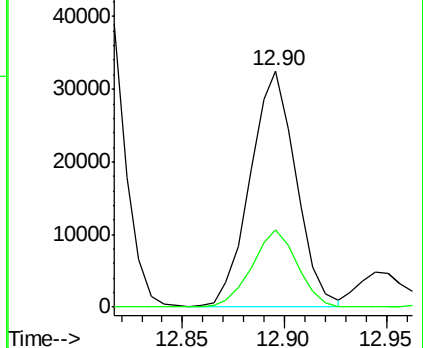
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.438 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008015.D

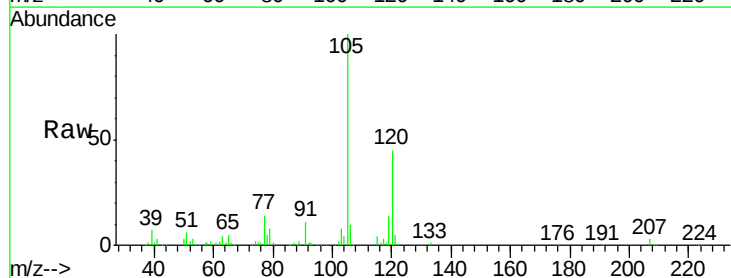
Acq: 03 Jan 2019 12:43

Tgt Ion:105 Resp: 64836

Ion Ratio Lower Upper

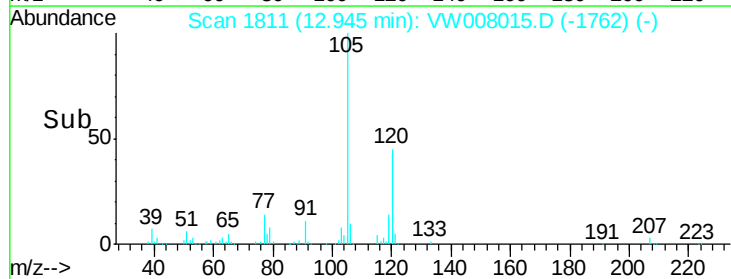
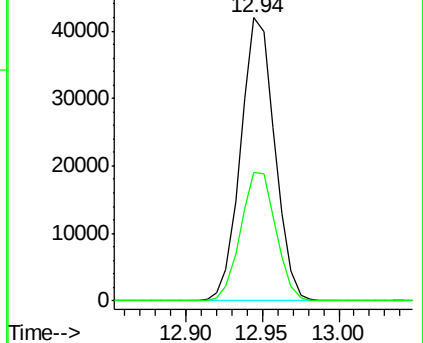
105 100

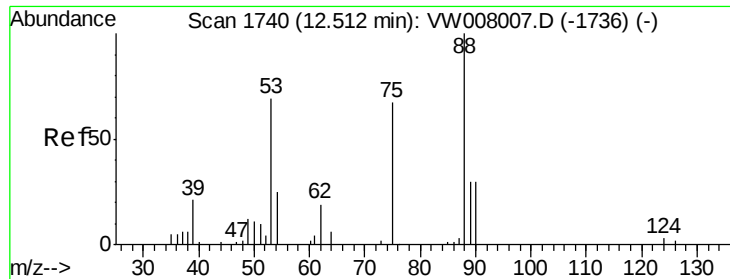
120 46.7 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





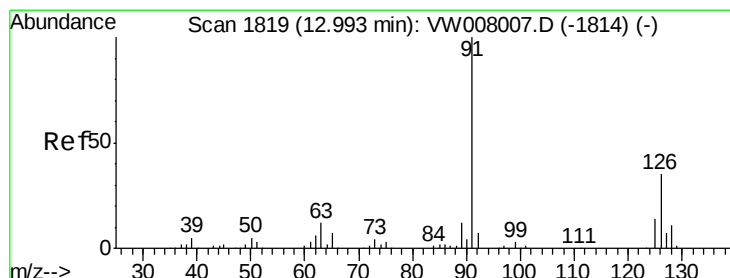
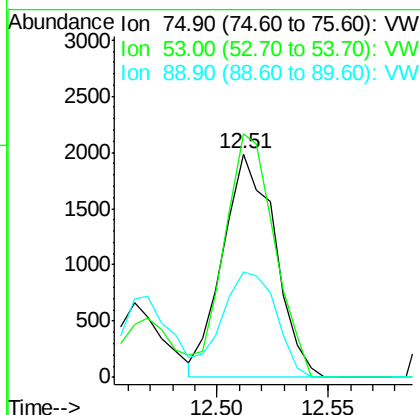
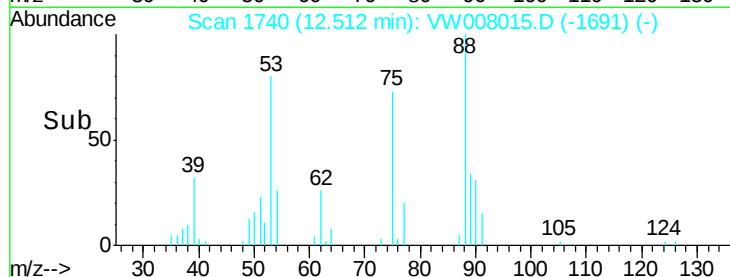
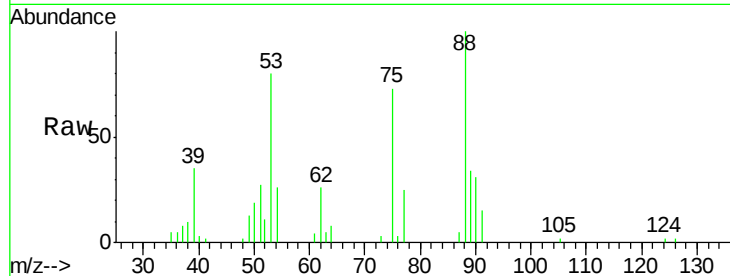
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.751 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 104.5 | 87.6  | 131.4 |
| 89      | 49.1  | 42.2  | 63.2  |

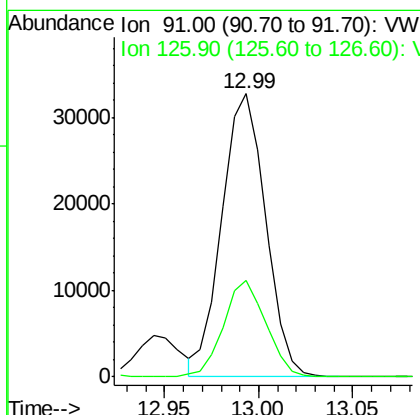
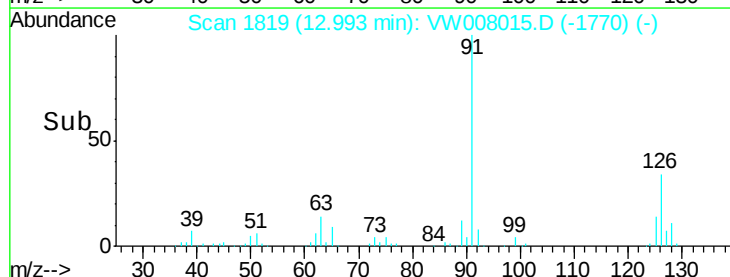
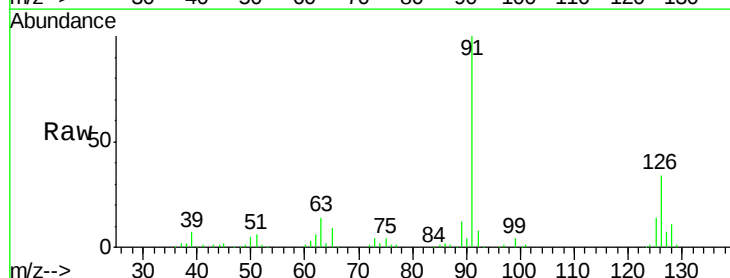
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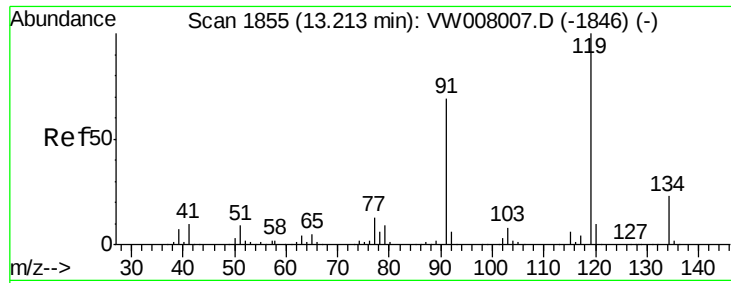
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#82  
4-Chlorotoluene  
Concen: 19.146 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.8  | 16.7  | 50.1  |





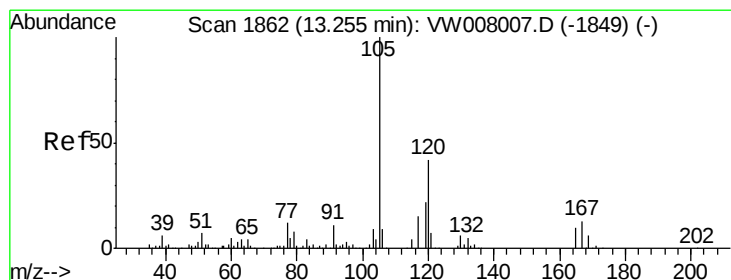
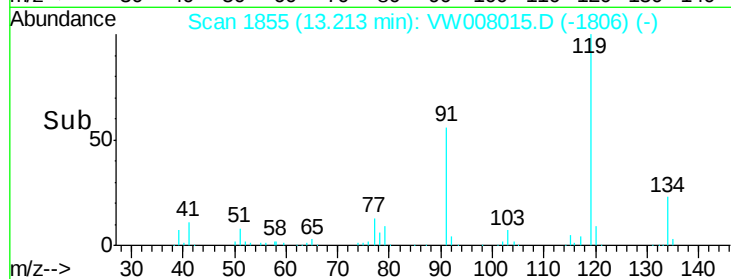
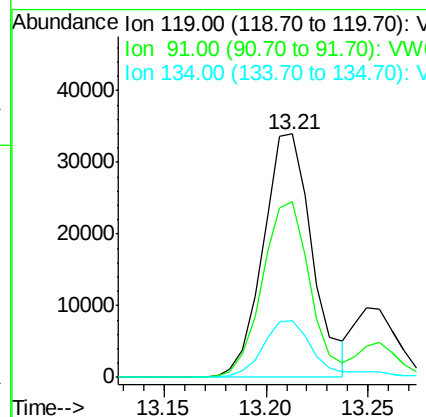
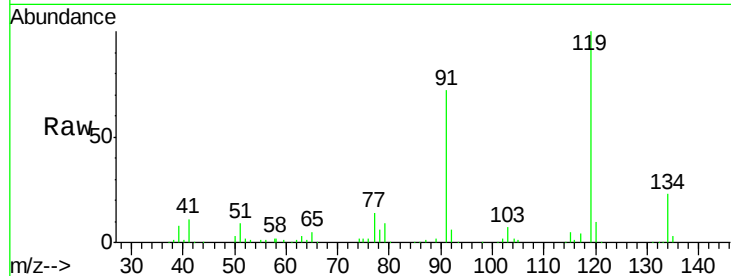
#83  
tert-Butylbenzene  
Concen: 19.484 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 70.0  | 34.7  | 104.1 |
| 134     | 24.9  | 11.5  | 34.4  |

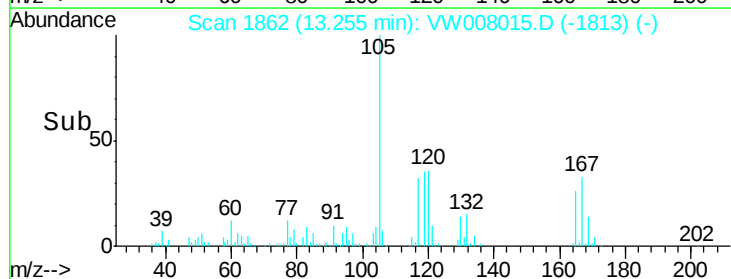
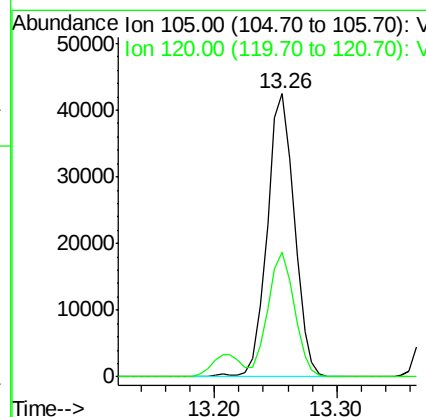
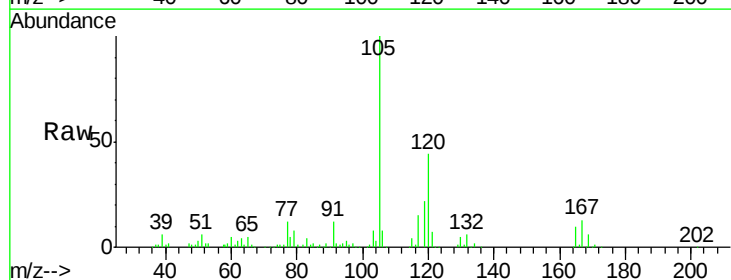
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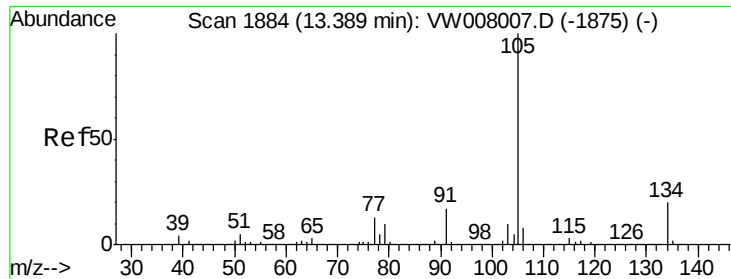
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#84  
1,2,4-Trimethylbenzene  
Concen: 19.443 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 42.9  | 21.5  | 64.5  |





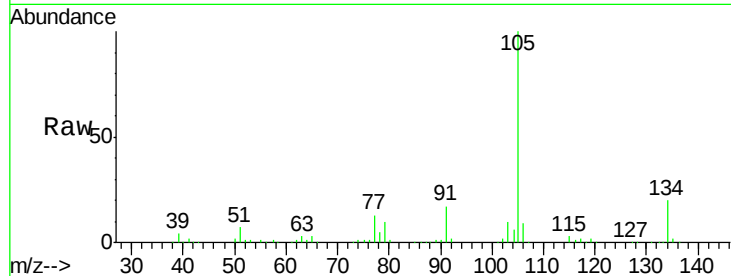
#85  
 sec-Butylbenzene  
 Concen: 19.407 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBS01

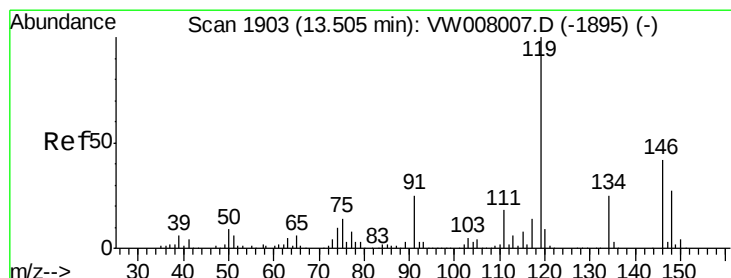
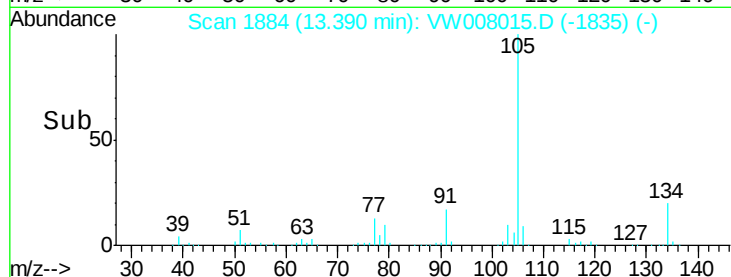
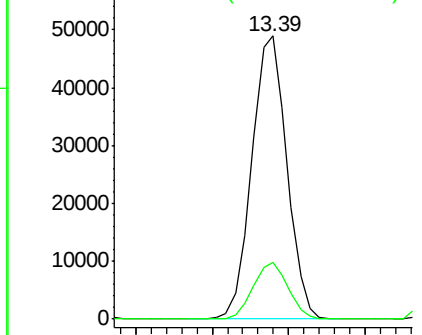
Tot Ion:105 Resp: 77908  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.7 28.9

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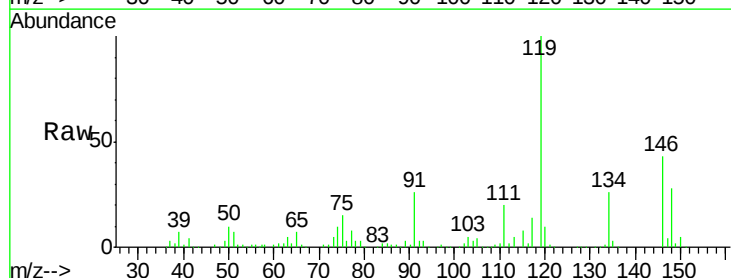


Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 134.00 (133.70 to 134.70): V

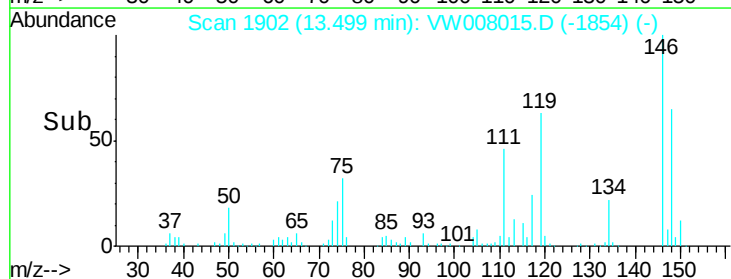
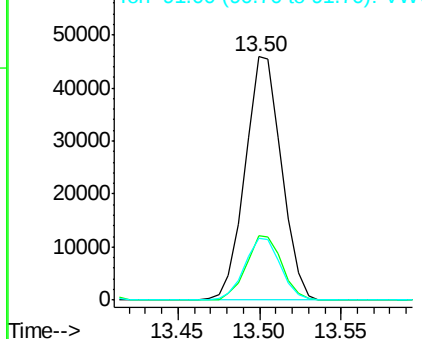


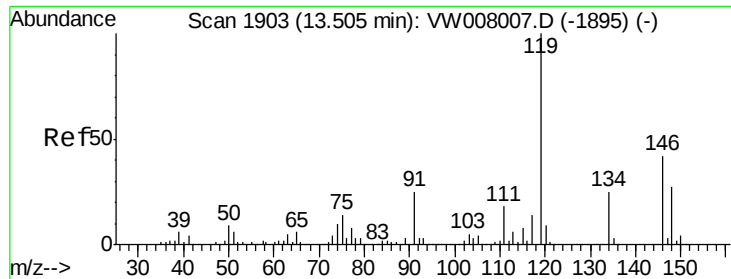
#86  
 p-Isopropyltoluene  
 Concen: 19.607 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.01 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Tgt Ion:119 Resp: 70998  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.5 37.5  
 91 25.2 13.1 39.3



Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 134.00 (133.70 to 134.70): V  
 Ion 91.00 (90.70 to 91.70): V





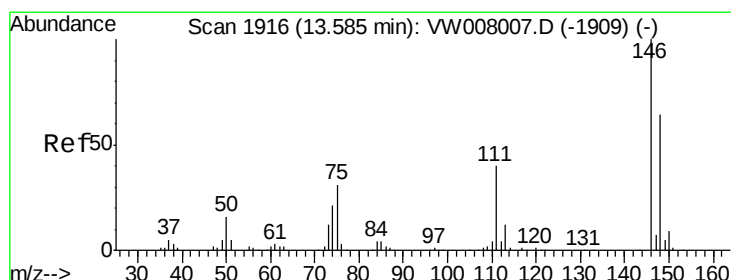
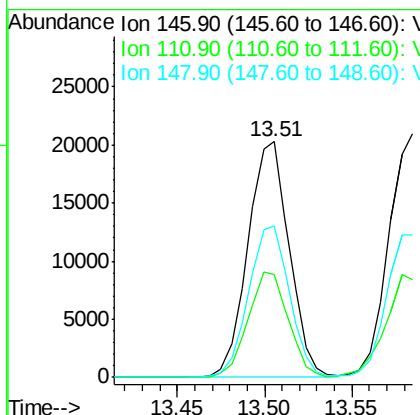
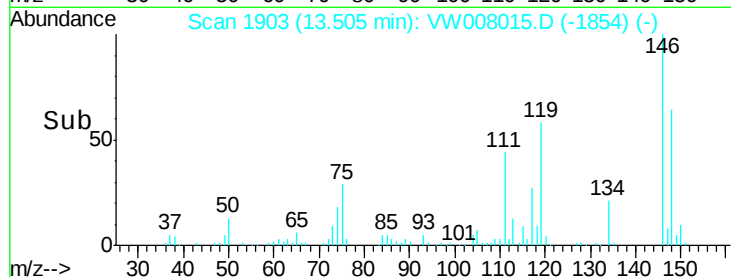
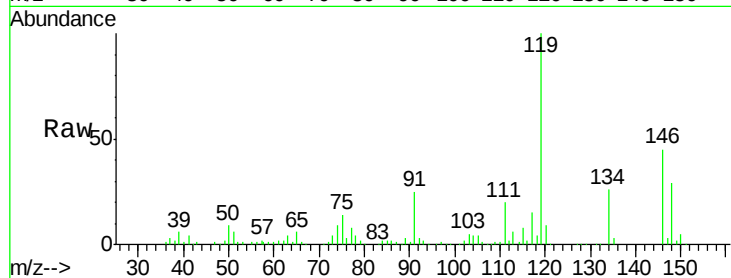
#87  
 1,3-Dichlorobenzene  
 Concen: 19.821 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.5  | 21.4  | 64.2  |
| 148     | 63.9  | 31.9  | 95.5  |

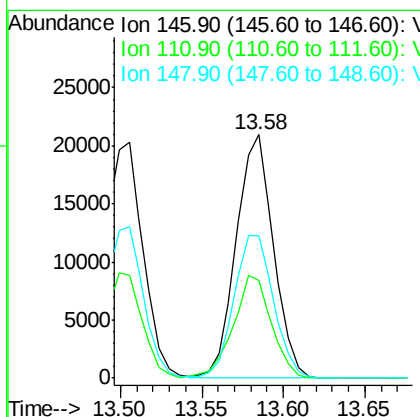
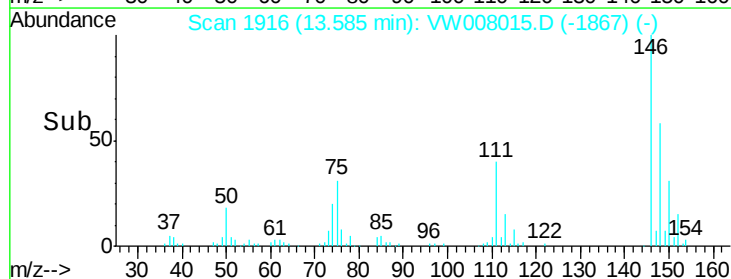
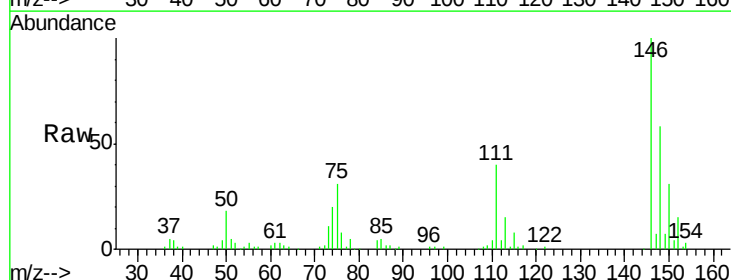
Manual Integrations  
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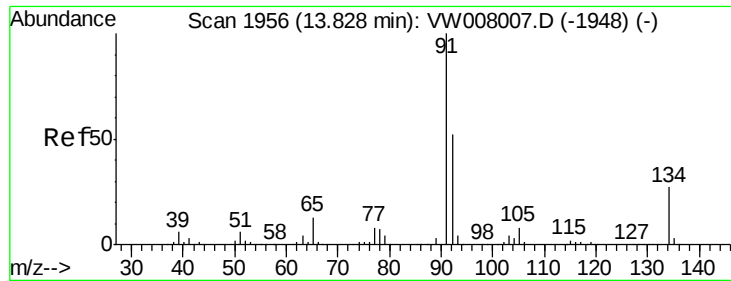
MMDadoda  
 1/4/2019 12:02:13 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.025 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 20.9  | 62.8  |
| 148     | 62.0  | 31.9  | 95.9  |





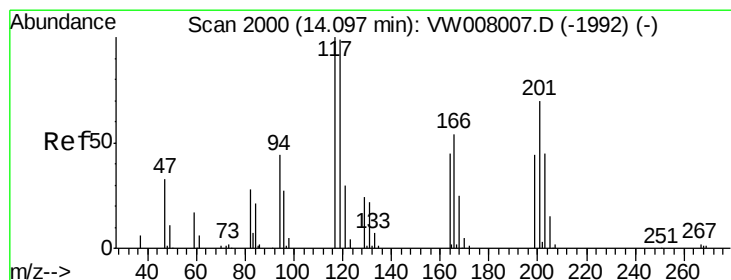
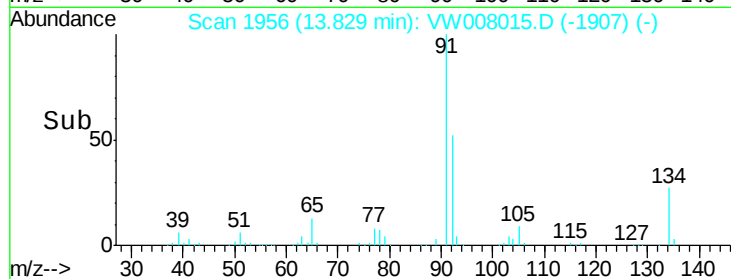
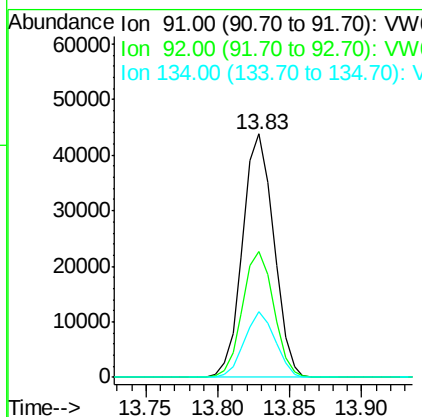
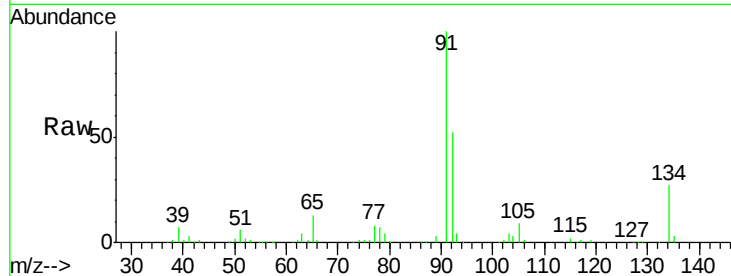
#89  
n-Butylbenzene  
Concen: 19.905 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.7  | 26.4  | 79.2  |
| 134     | 26.5  | 13.4  | 40.2  |

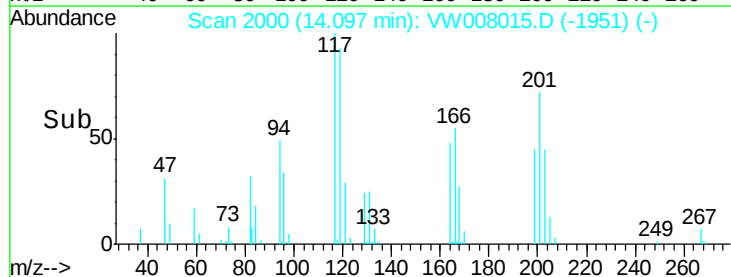
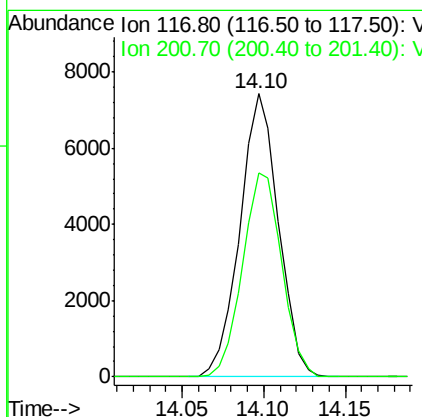
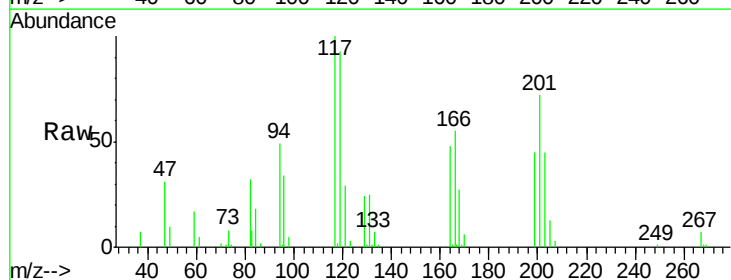
Manual Integrations  
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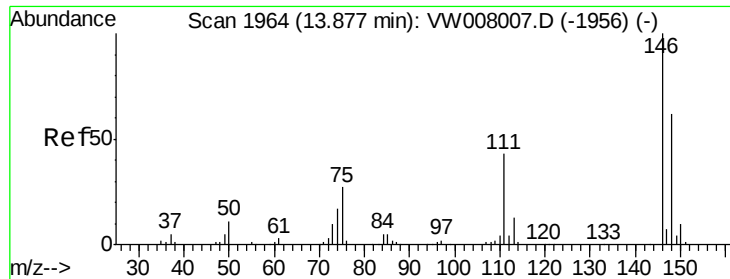
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#90  
Hexachloroethane  
Concen: 19.415 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 73.2  | 37.1  | 111.5 |





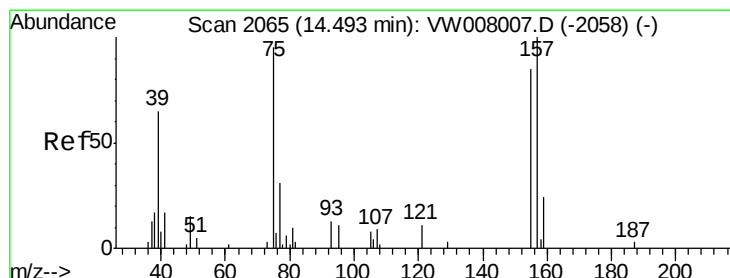
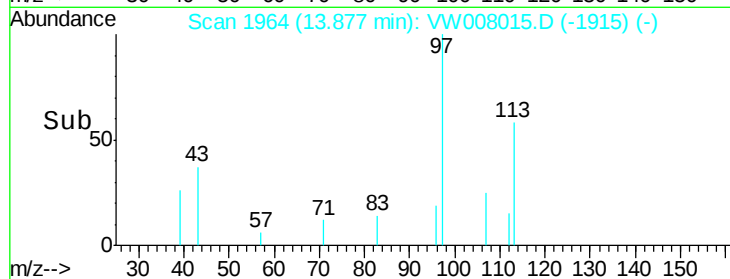
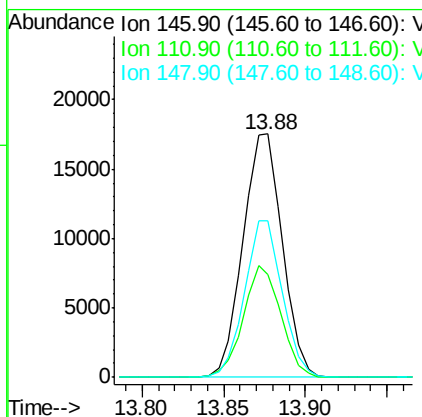
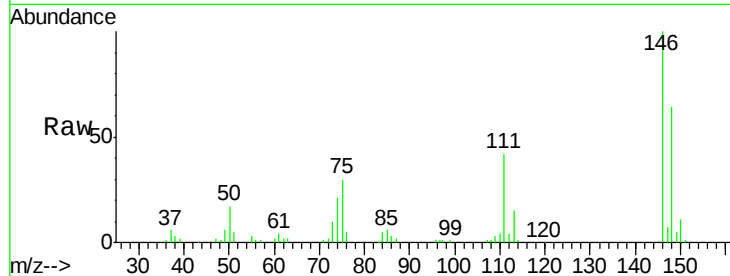
#91  
 1,2-Dichlorobenzene  
 Concen: 19.949 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.8  | 22.6  | 67.7  |
| 148     | 61.8  | 32.1  | 96.3  |

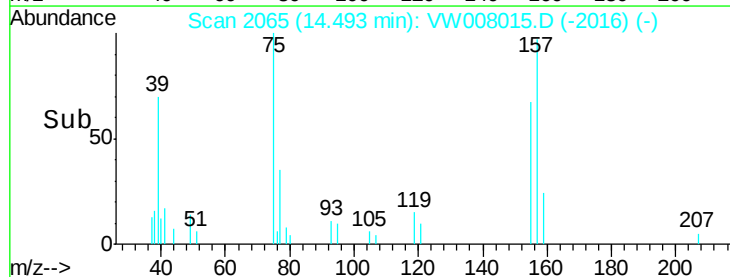
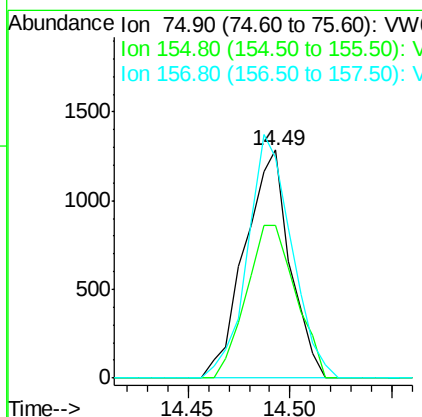
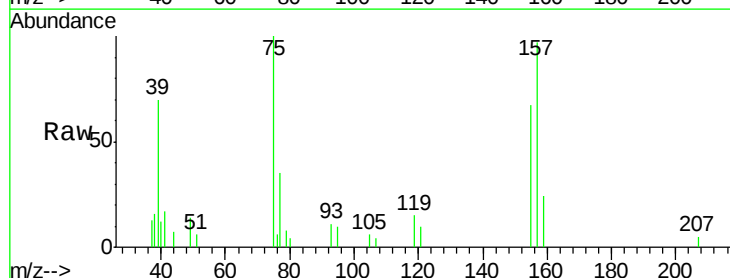
Manual Integrations  
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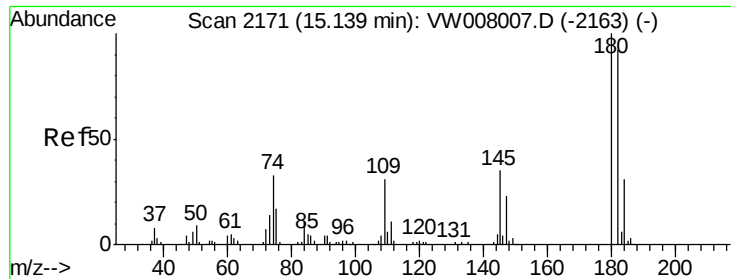
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.736 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 73.2  | 42.4  | 127.1 |
| 157     | 104.8 | 52.3  | 156.8 |





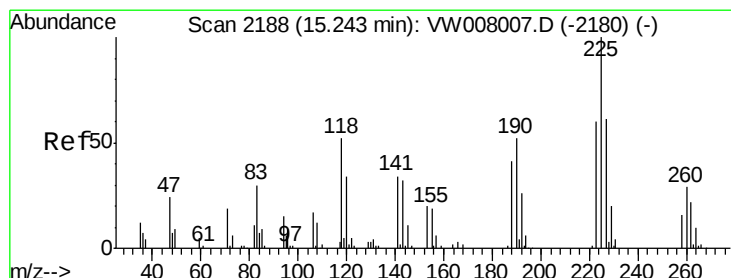
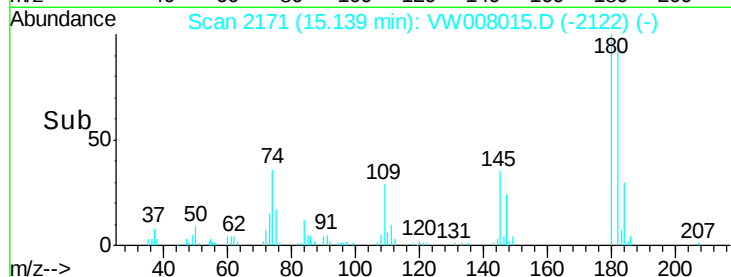
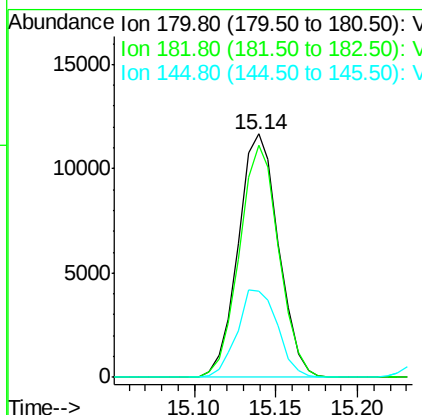
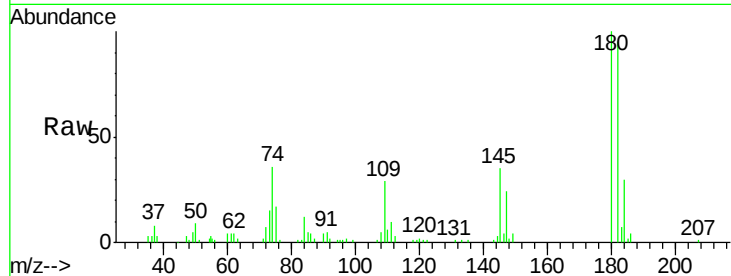
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.290 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.4  | 46.6  | 139.8 |
| 145     | 36.2  | 17.2  | 51.6  |

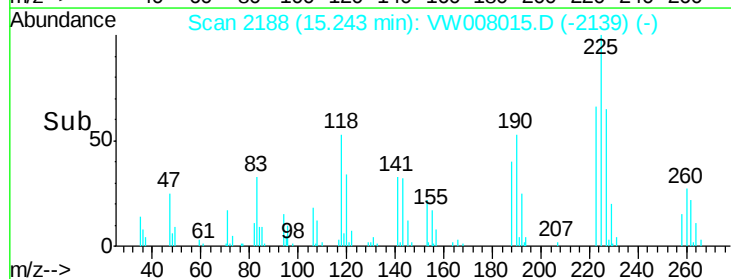
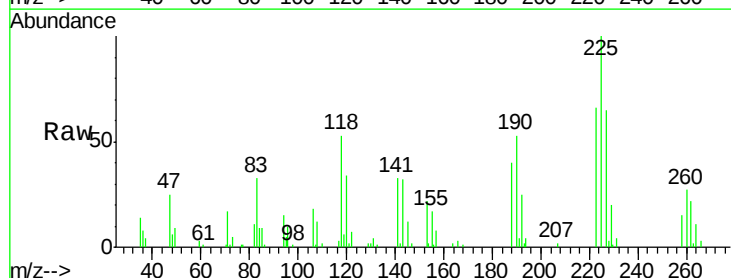
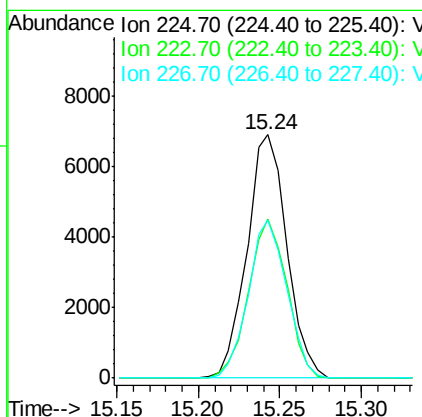
Manual Integrations  
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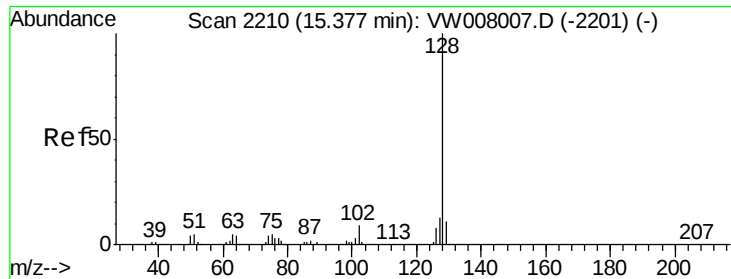
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#94  
 Hexachlorobutadiene  
 Concen: 19.642 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW008015.D  
 Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 30.6  | 92.0  |
| 227     | 62.6  | 31.3  | 93.8  |





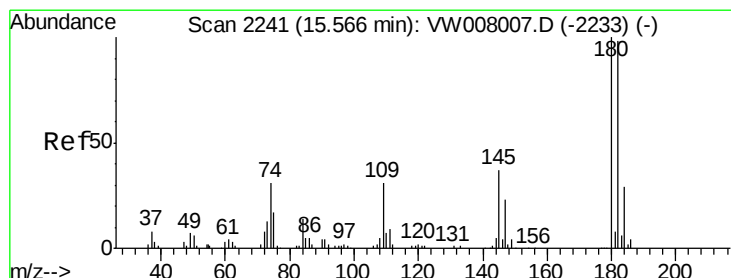
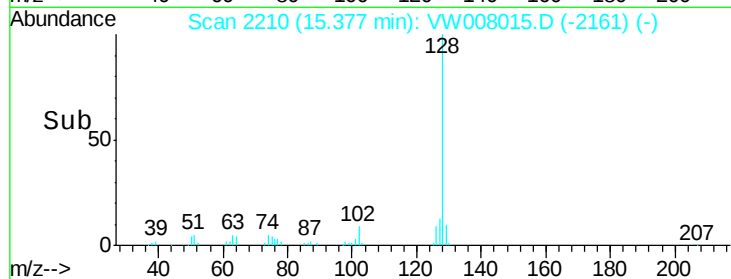
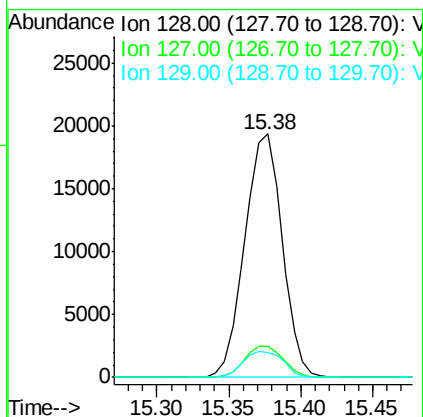
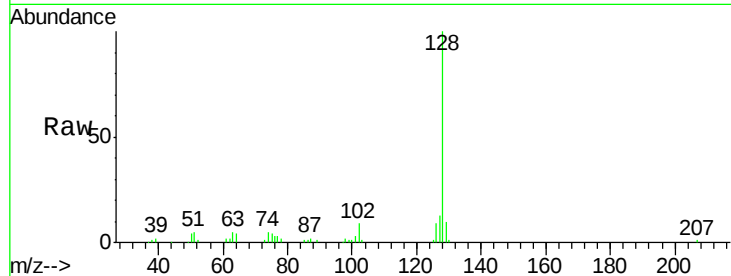
#95  
Naphthalene  
Concen: 19.720 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.8  | 16.2  |
| 129     | 11.5  | 8.8   | 13.2  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 19.997 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: VW008015.D  
Acq: 03 Jan 2019 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.7  | 47.9  | 143.8 |
| 145     | 36.7  | 18.7  | 56.1  |

