

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\  
 Data File : VW012885.D  
 Acq On : 10 Sep 2019 23:18  
 Operator : SY/VA  
 Sample : VW0910SBS02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0910SBS02

Manual Integrations  
 APPROVED

MMDadoda  
 9/11/2019 9:26:27 AM

Quant Time: Sep 11 08:49:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sun Sep 08 05:04:40 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 192600   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 296409   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 270185   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 137897   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.30   | 65  | 114449   | 53.18 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.36% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 93275    | 52.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.86% |      |
| 50) Toluene-d8            | 10.32  | 98  | 369051   | 53.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.90% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 133420   | 53.23 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.46% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 21294  | 20.394  | ug/l   | 95     |
| 3) Chloromethane              | 2.21 | 50  | 28433  | 22.407  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.35 | 62  | 32239  | 20.721  | ug/l   | 100    |
| 5) Bromomethane               | 2.71 | 94  | 19841  | 23.484  | ug/l   | 97     |
| 6) Chloroethane               | 2.87 | 64  | 20284  | 21.847  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.23 | 101 | 18579  | 17.304  | ug/l   | 93     |
| 8) Diethyl Ether              | 3.67 | 74  | 19354  | 21.447  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.04 | 101 | 32252  | 19.142  | ug/l   | 97     |
| 10) Methyl Iodide             | 4.25 | 142 | 45612  | 21.504  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 5.16 | 59  | 18201m | 110.544 | ug/l   |        |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 30993  | 19.486  | ug/l   | 95     |
| 13) Acrolein                  | 3.89 | 56  | 13750  | 78.696  | ug/l   | 93     |
| 14) Allyl chloride            | 4.65 | 41  | 59956  | 18.222  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.35 | 53  | 51135  | 97.019  | ug/l   | 97     |
| 16) Acetone                   | 4.12 | 43  | 45659  | 77.827  | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.37 | 76  | 60726  | 17.987  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.66 | 43  | 32168  | 23.371  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 67335  | 21.347  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.90 | 84  | 40270  | 21.940  | ug/l   | 88     |
| 21) trans-1,2-Dichloroethene  | 5.41 | 96  | 32802  | 20.212  | ug/l   | 93     |
| 22) Diisopropyl ether         | 6.31 | 45  | 134119 | 20.552  | ug/l   | 93     |
| 23) Vinyl Acetate             | 6.24 | 43  | 389958 | 94.291  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 71220  | 20.269  | ug/l   | 99     |
| 25) 2-Butanone                | 7.17 | 43  | 73574  | 98.148  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 41889  | 18.875  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 40871  | 21.719  | ug/l   | 95     |
| 28) Bromochloromethane        | 7.51 | 49  | 30505  | 18.907  | ug/l   | 93     |
| 29) Tetrahydrofuran           | 7.52 | 42  | 46549  | 98.254  | ug/l   | 95     |
| 30) Chloroform                | 7.67 | 83  | 72878  | 20.928  | ug/l   | 98     |
| 31) Cyclohexane               | 7.95 | 56  | 58125  | 18.375  | ug/l # | 91     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 55024  | 19.493  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.07 | 75  | 51046  | 19.382  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.24 | 43  | 30860  | 18.381  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.06 | 117 | 48031  | 18.501  | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\  
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 Operator : SY/VA  
 Sample : VW0910SBS02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0910SBS02

Manual Integrations  
 APPROVED

MMDadoda  
 9/11/2019 9:26:27 AM

Quant Time: Sep 11 08:49:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sun Sep 08 05:04:40 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.33  | 83   | 56459    | 19.087  | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 150776   | 20.634  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.48  | 41   | 18360    | 18.691  | ug/l # | 94       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 52454    | 20.397  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 58771    | 18.477  | ug/l   | 95       |
| 44) Trichloroethene            | 9.09  | 130  | 39639    | 21.045  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 40517    | 19.992  | ug/l   | 96       |
| 46) Dibromomethane             | 9.45  | 93   | 20067    | 20.910  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.64  | 83   | 52546    | 19.901  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.43  | 41   | 27940    | 18.381  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.44  | 88   | 7871     | 415.205 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 159394   | 95.500  | ug/l   | 98       |
| 52) Toluene                    | 10.38 | 92   | 95800    | 21.006  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 51384    | 18.926  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 60552    | 19.660  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 30171    | 20.999  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 42385    | 20.153  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 54427    | 20.476  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 112530   | 100.785 | ug/l   | 96       |
| 59) 2-Hexanone                 | 10.97 | 43   | 108538   | 89.011  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.13 | 129  | 34046    | 20.148  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 28251    | 21.447  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.86 | 164  | 34272    | 20.905  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.66 | 112  | 101988   | 19.972  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 39129    | 20.576  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 187469   | 19.566  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.83 | 106  | 137477   | 39.752  | ug/l   | 99       |
| 69) o-Xylene                   | 12.16 | 106  | 64442    | 19.751  | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 115268   | 19.993  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 20446    | 19.351  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.46 | 105  | 185029   | 18.708  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 52580    | 16.749  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 37315    | 18.786  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 30145m   | 21.379  | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 45042    | 20.101  | ug/l   | 91       |
| 78) n-propylbenzene            | 12.80 | 91   | 217083   | 18.352  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 127109   | 18.718  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 158130   | 18.974  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 10601    | 15.901  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 135299   | 18.836  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 138267   | 18.763  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 160989   | 19.171  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 189745   | 18.556  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 174901   | 18.726  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 87566    | 19.882  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 86959    | 19.842  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 160842   | 17.738  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.09 | 117  | 29432    | 18.050  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 78862    | 19.894  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 6227     | 17.131  | ug/l   | 94       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091019\  
Data File : VW012885.D  
Acq On : 10 Sep 2019 23:18  
Operator : SY/VA  
Sample : VW0910SBS02  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

Manual Integrations  
APPROVED

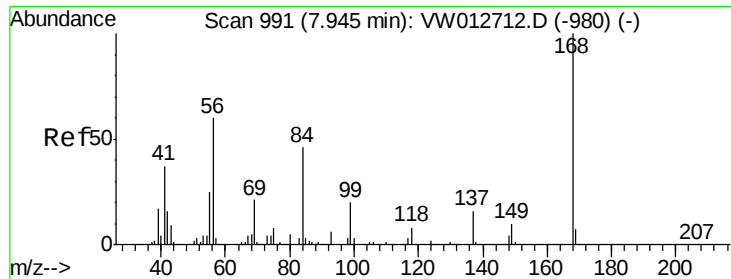
MMDadoda  
9/11/2019 9:26:27 AM

Quant Time: Sep 11 08:49:54 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W090719S.M  
Quant Title : SW846 8260  
QLast Update : Sun Sep 08 05:04:40 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 55724    | 20.190 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.23 | 225  | 36454    | 19.082 | ug/l  | 96       |
| 95) Naphthalene            | 15.36 | 128  | 98309    | 19.923 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 49180    | 20.187 | ug/l  | 99       |

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





#1

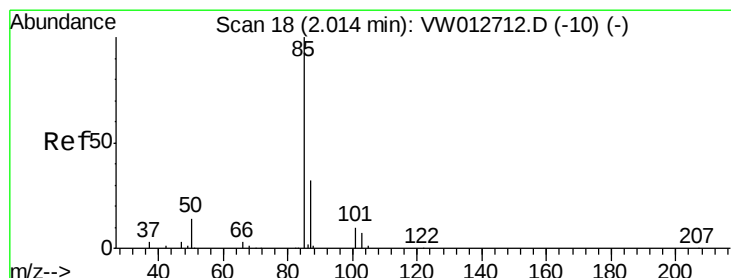
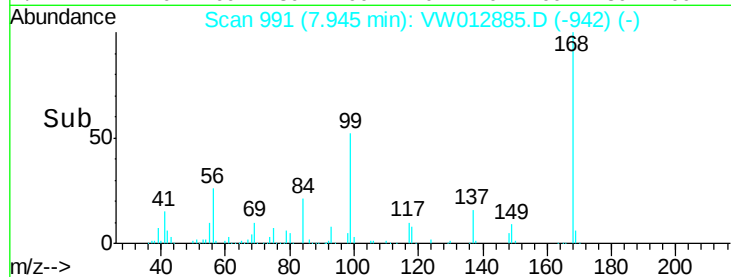
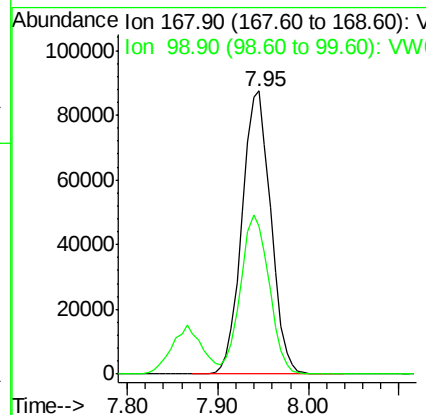
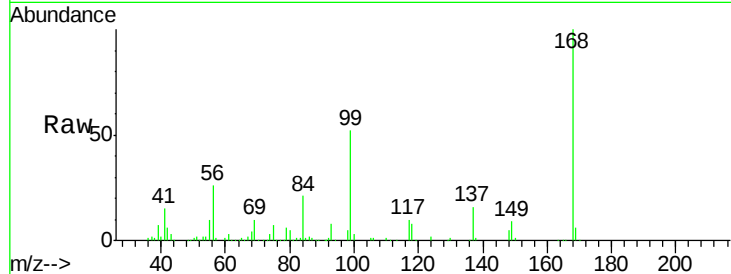
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0910SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 192600 |       |       |
| 99      | 52.3  | 47.8   | 71.6  |       |

Manual Integrations  
 APPROVED

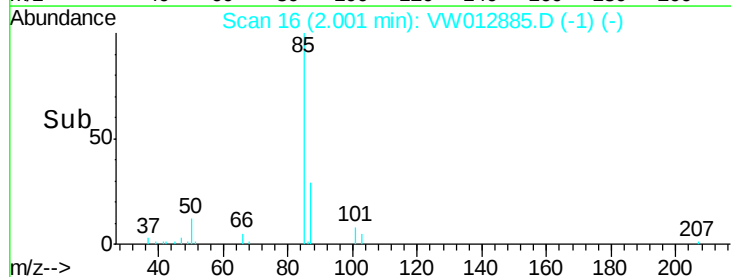
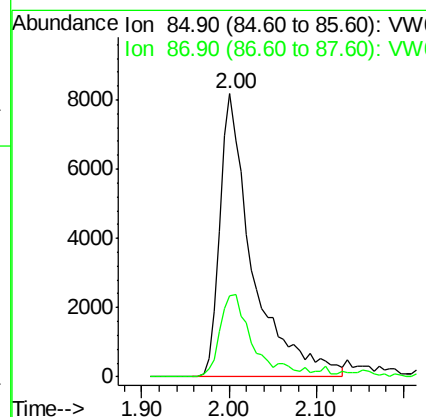
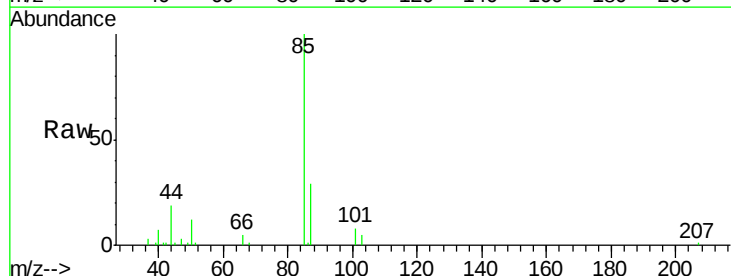
MMDadoda  
 9/11/2019 9:26:27 AM



#2

Dichlorodifluoromethane  
 Concen: 20.394 ug/l  
 RT: 2.00 min Scan# 16  
 Delta R.T. -0.01 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 85      | 100   | 21294 |       |       |
| 87      | 28.8  | 15.8  | 47.4  |       |





#3

Chloromethane

Concen: 22.407 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion: 50 Resp: 28433

Ion Ratio Lower Upper

50 100

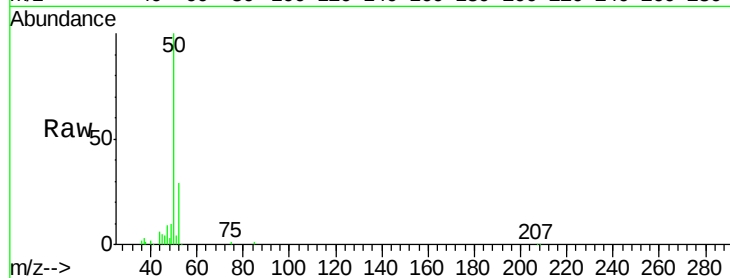
52 28.7 24.2 36.2

Manual Integrations

APPROVED

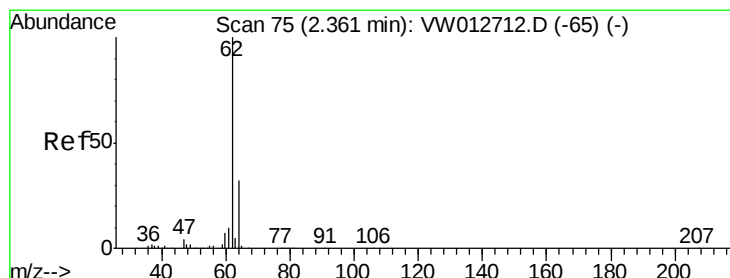
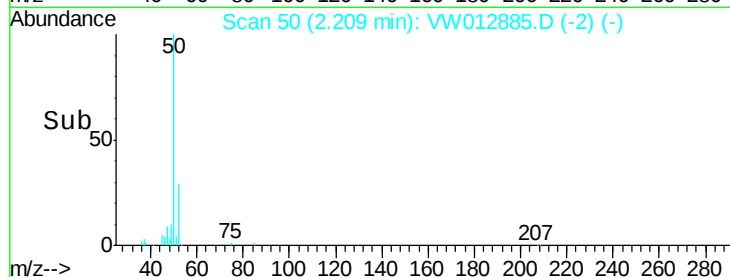
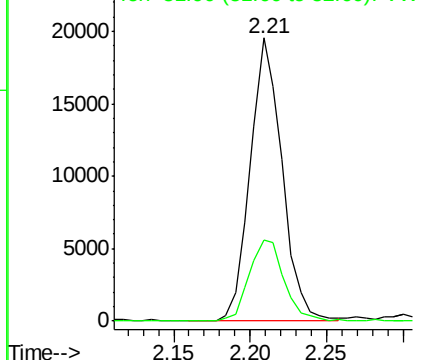
MMDadoda

9/11/2019 9:26:27 AM



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.721 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012885.D

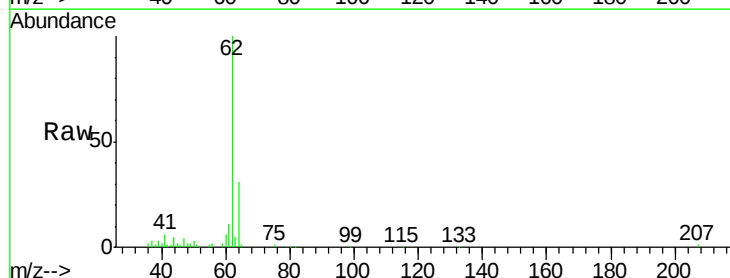
Acq: 10 Sep 2019 23:18

Tgt Ion: 62 Resp: 32239

Ion Ratio Lower Upper

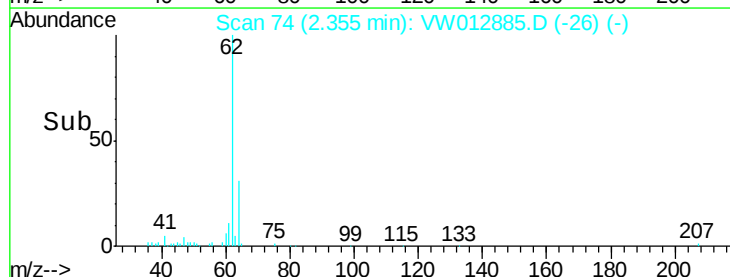
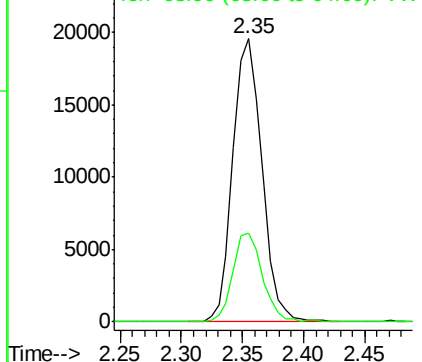
62 100

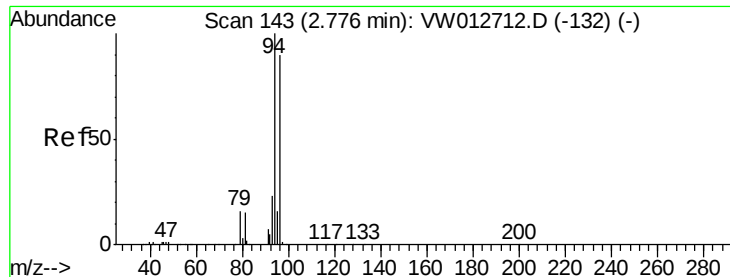
64 31.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.484 ug/l

RT: 2.71 min Scan# 133

Delta R.T. -0.06 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion: 94 Resp: 19841

Ion Ratio Lower Upper

94 100

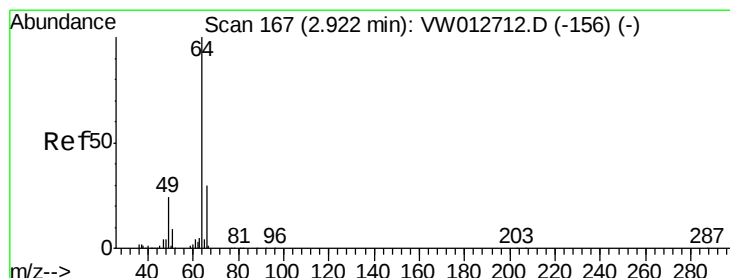
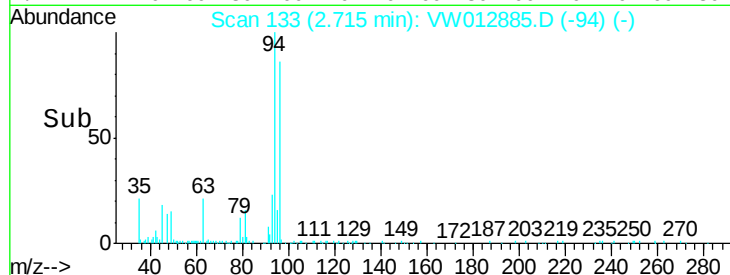
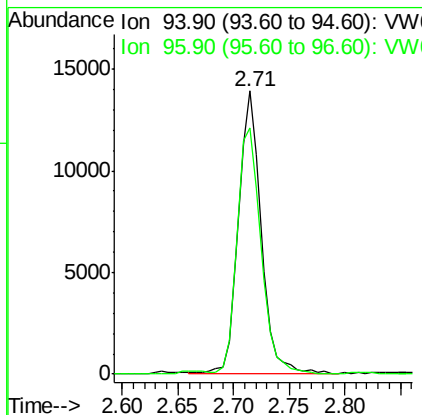
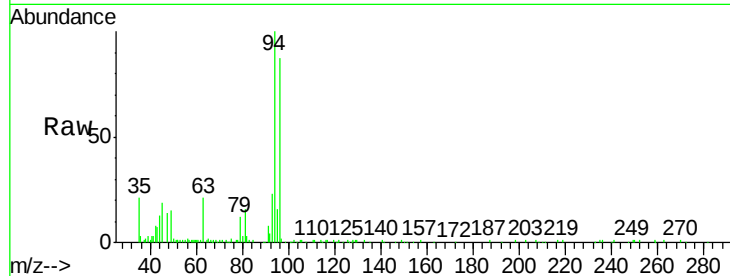
96 86.9 72.1 108.1

Manual Integrations

APPROVED

MMDadoda

9/11/2019 9:26:27 AM



#6

Chloroethane

Concen: 21.847 ug/l

RT: 2.87 min Scan# 158

Delta R.T. -0.05 min

Lab File: VW012885.D

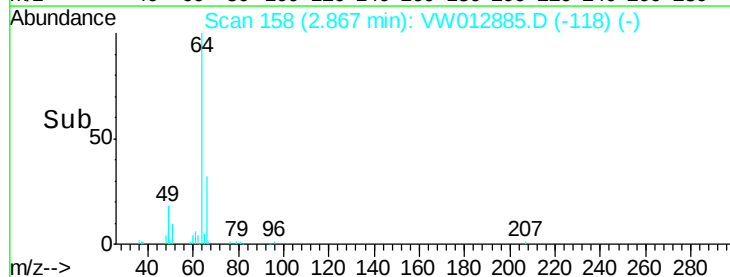
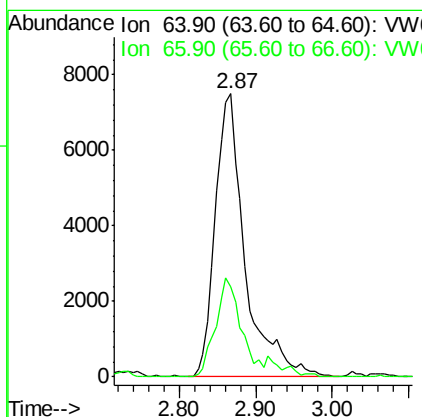
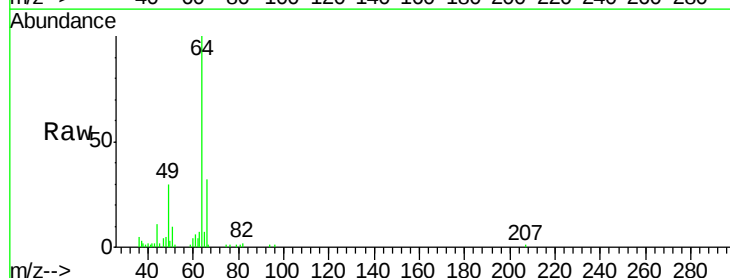
Acq: 10 Sep 2019 23:18

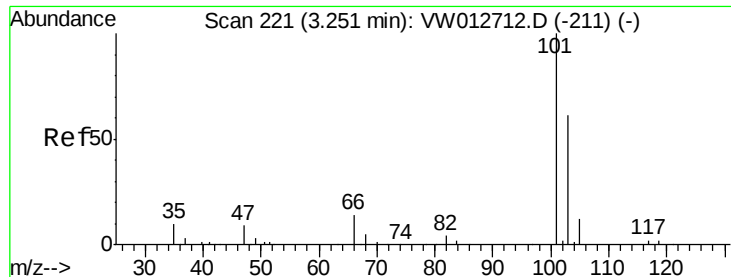
Tgt Ion: 64 Resp: 20284

Ion Ratio Lower Upper

64 100

66 31.7 23.8 35.6





#7

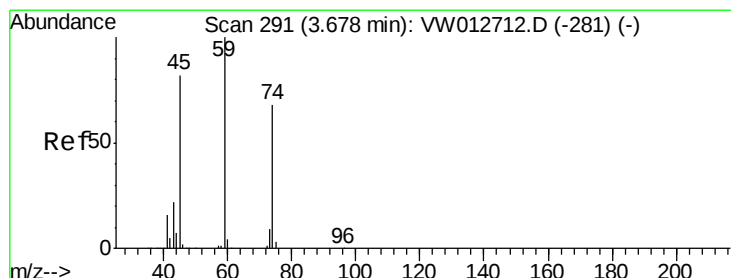
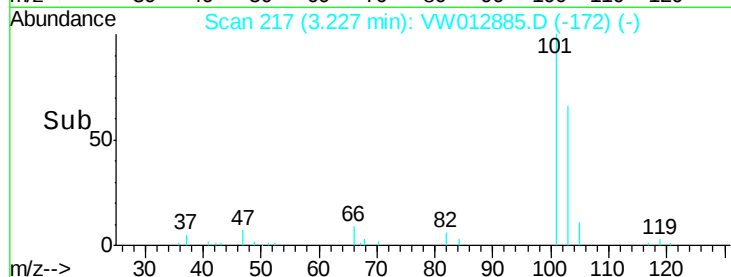
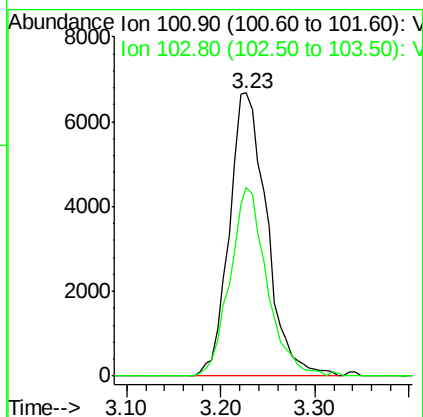
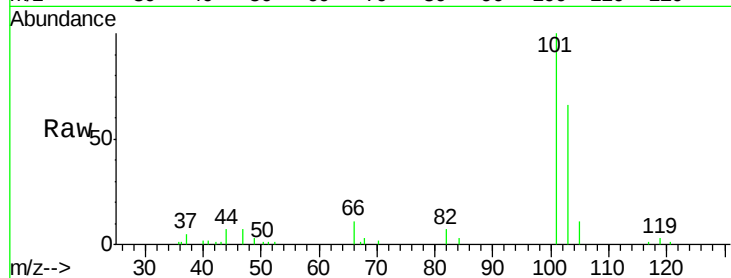
Trichlorofluoromethane  
Concen: 17.304 ug/l  
RT: 3.23 min Scan# 217  
Delta R.T. -0.02 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

Tot Ion:101 Resp: 18579  
Ion Ratio Lower Upper  
101 100  
103 66.5 49.0 73.4

Manual Integrations  
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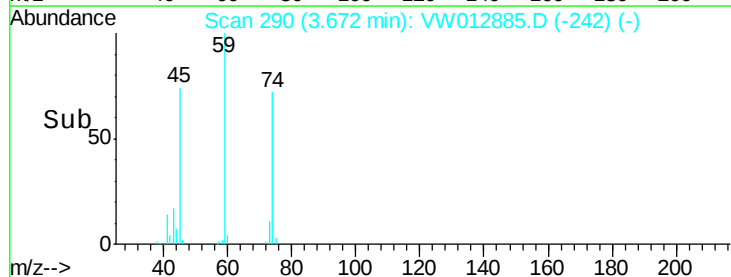
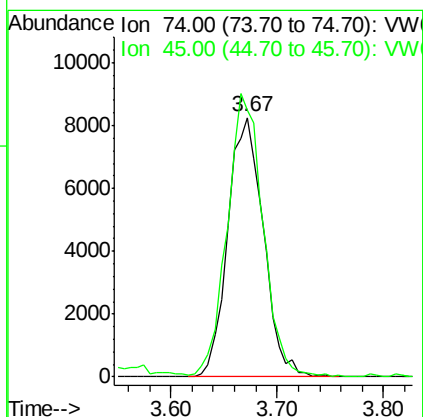
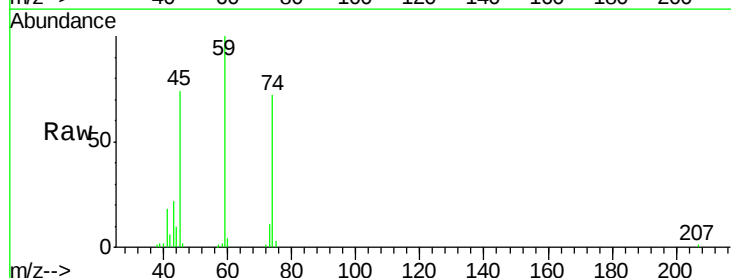
MMDadoda  
9/11/2019 9:26:27 AM

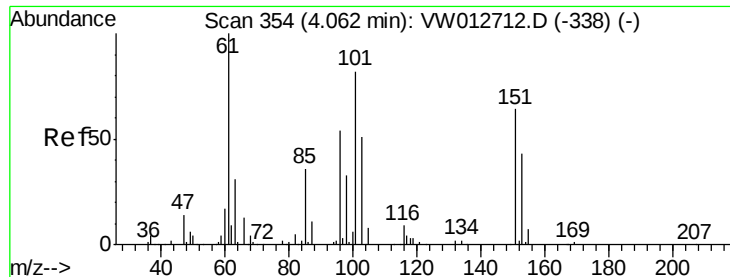


#8

Diethyl Ether  
Concen: 21.447 ug/l  
RT: 3.67 min Scan# 290  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Tgt Ion: 74 Resp: 19354  
Ion Ratio Lower Upper  
74 100  
45 109.7 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.142 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.02 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

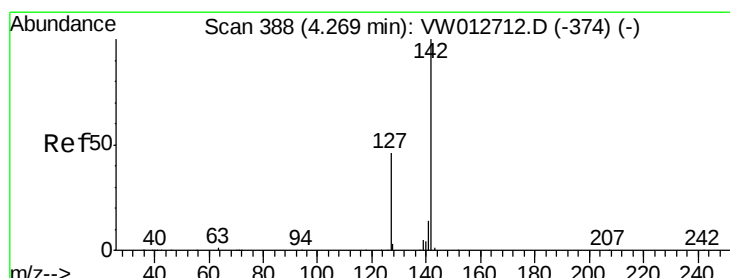
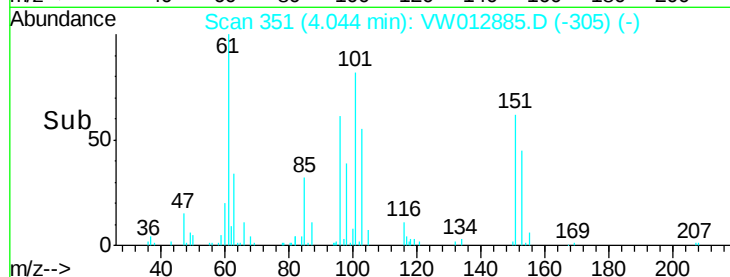
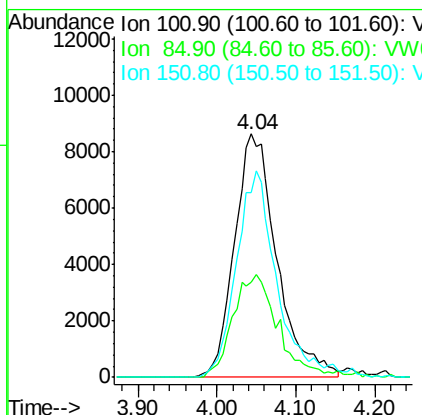
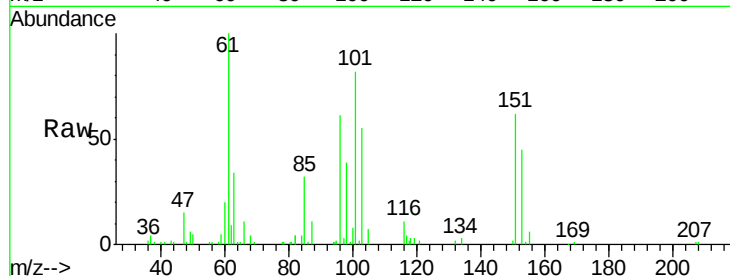
ClientSampleId :

VW0910SBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 32252 |       |       |
| 85      | 45.0  | 36.2  | 54.2  |       |
| 151     | 80.7  | 61.9  | 92.9  |       |

Manual Integrations  
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#10

Methyl Iodide

Concen: 21.504 ug/l

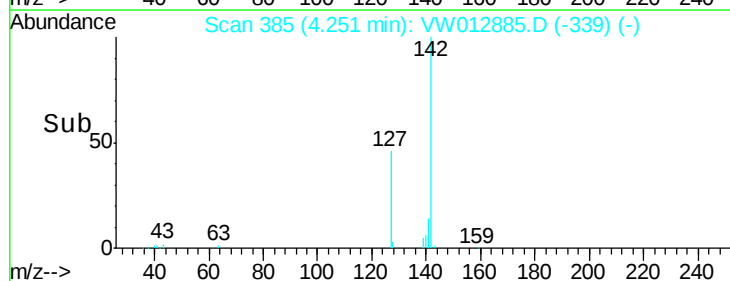
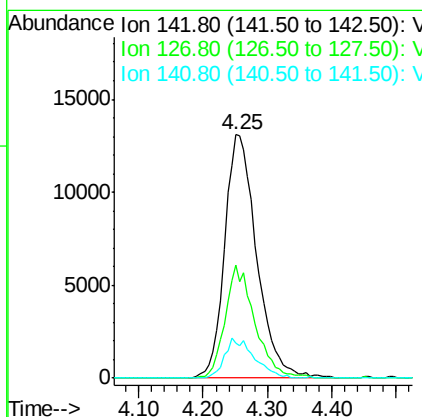
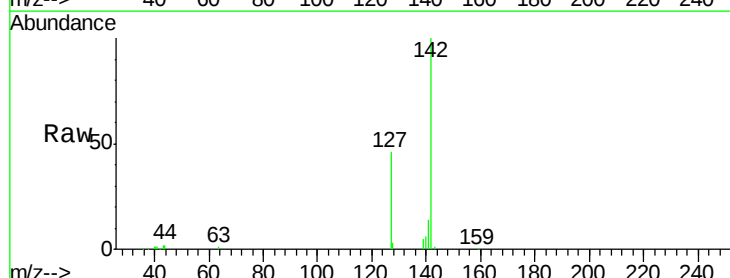
RT: 4.25 min Scan# 385

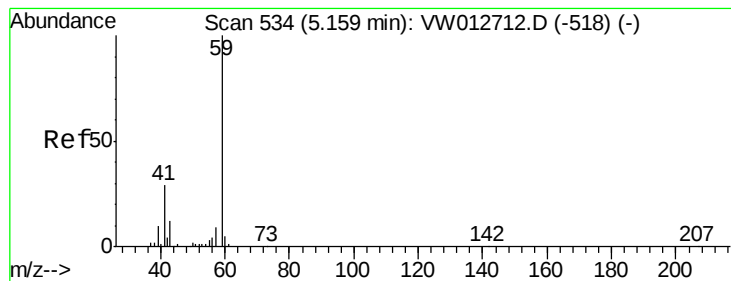
Delta R.T. -0.02 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 142     | 100   | 45612 |       |       |
| 127     | 42.6  | 36.0  | 54.0  |       |
| 141     | 15.1  | 12.2  | 18.4  |       |





#11

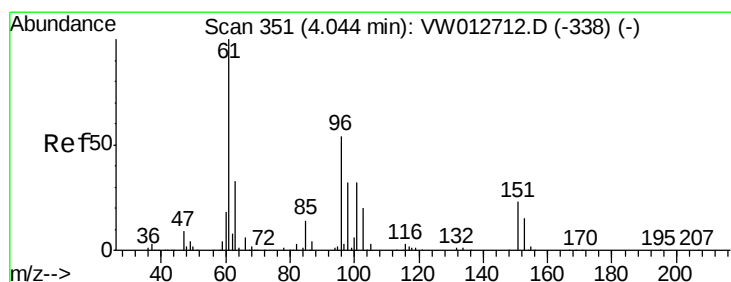
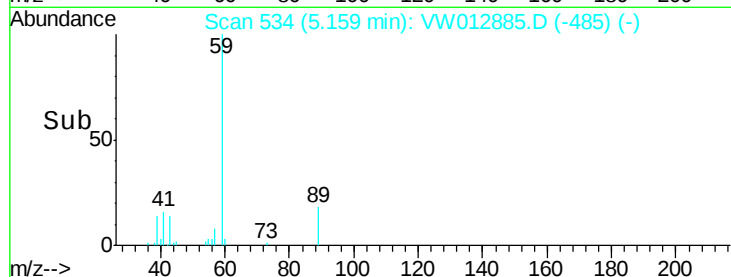
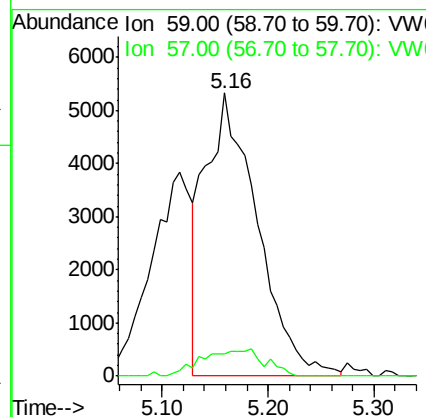
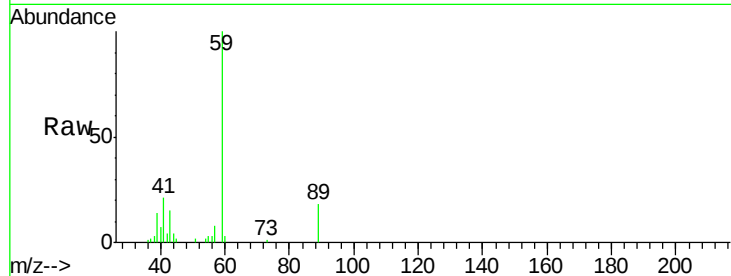
Tert butyl alcohol  
 Concen: 110.544 ug/l m  
 RT: 5.16 min Scan# 534  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 0.0   | 8.2   | 12.4# |

Manual Integrations  
 APPROVED

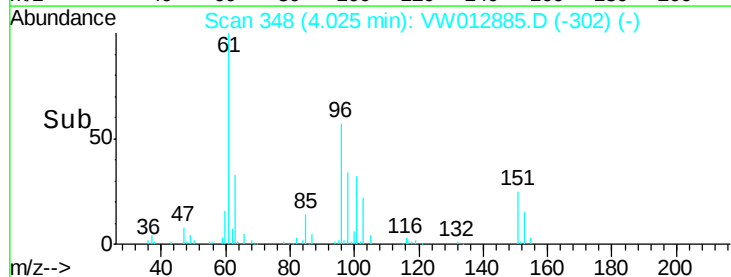
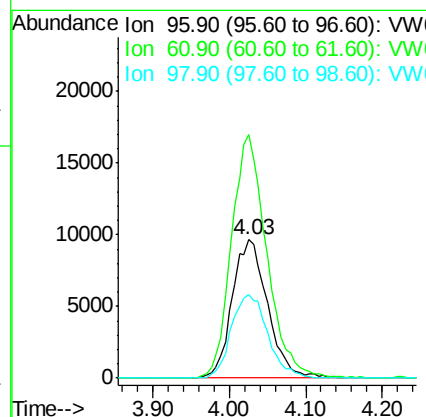
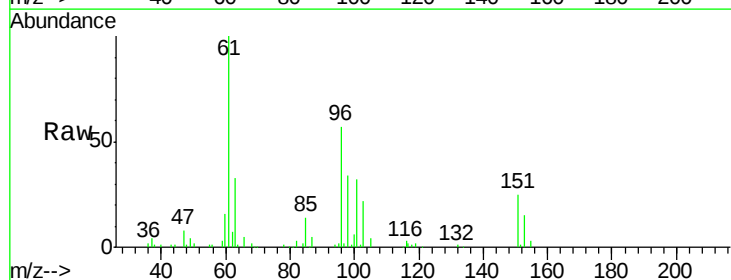
MMDadoda  
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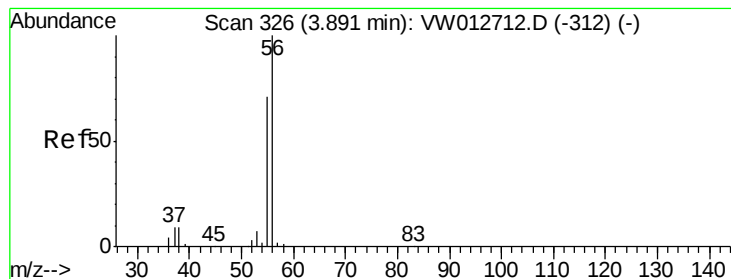


#12

1,1-Dichloroethene  
 Concen: 19.486 ug/l  
 RT: 4.03 min Scan# 348  
 Delta R.T. -0.02 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 176.0 | 147.8 | 221.6 |
| 98      | 60.1  | 47.9  | 71.9  |





#13

Acrolein

Concen: 78.696 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion: 56 Resp: 13750

Ion Ratio Lower Upper

56 100

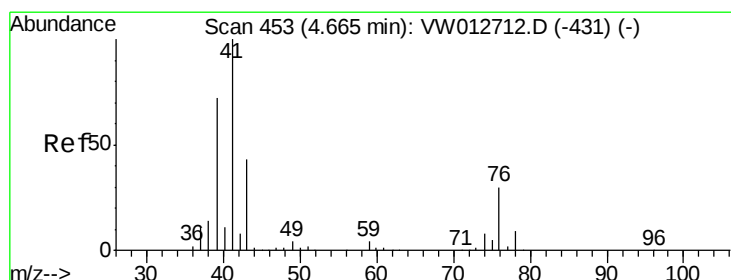
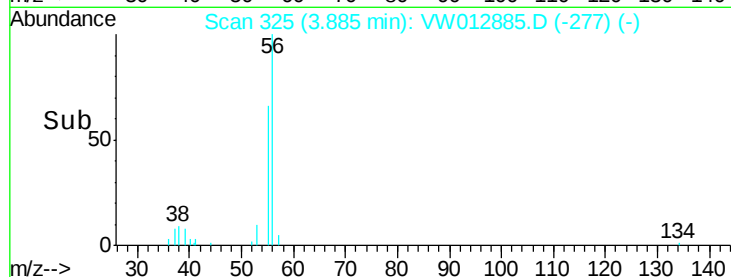
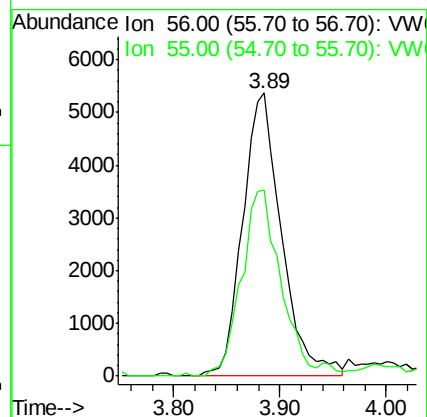
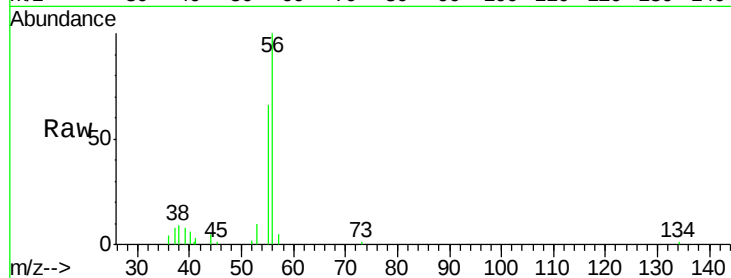
55 65.7 56.9 85.3

Manual Integrations

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9/11/2019 9:26:27 AM



#14

Allyl chloride

Concen: 18.222 ug/l

RT: 4.65 min Scan# 450

Delta R.T. -0.02 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

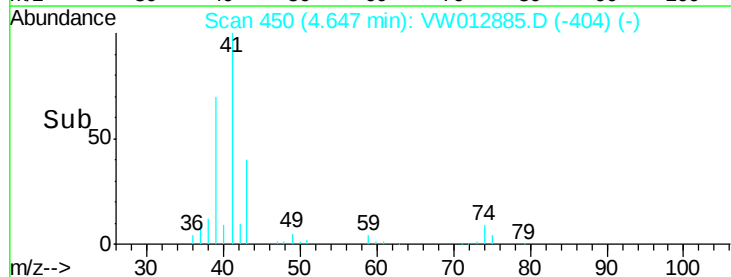
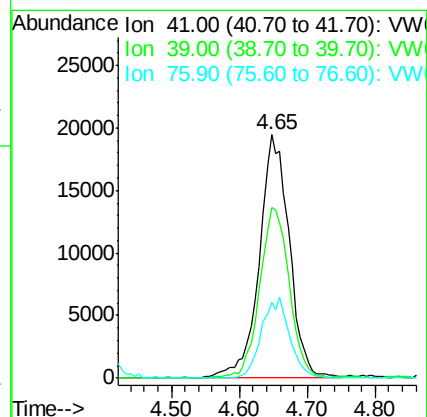
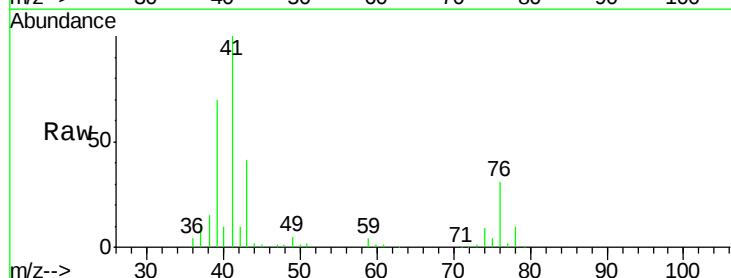
Tgt Ion: 41 Resp: 59956

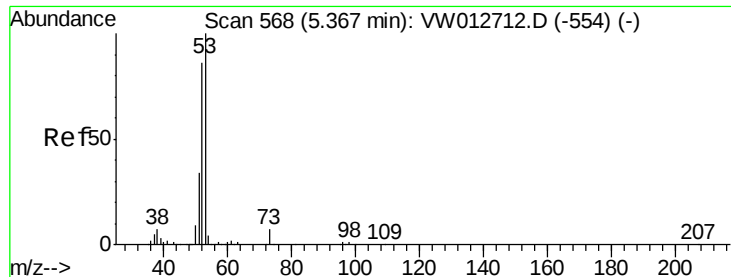
Ion Ratio Lower Upper

41 100

39 69.3 55.0 82.6

76 30.9 23.0 34.4





#15

Acrylonitrile

Concen: 97.019 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

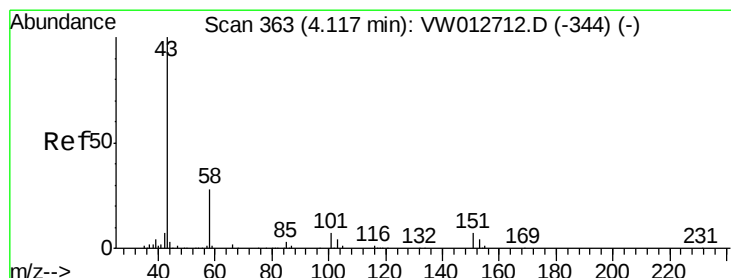
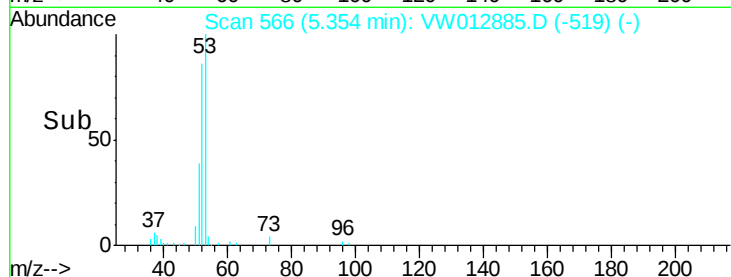
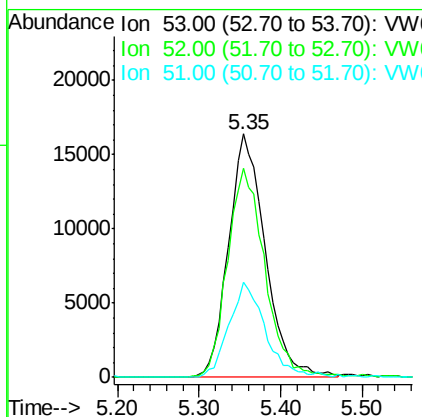
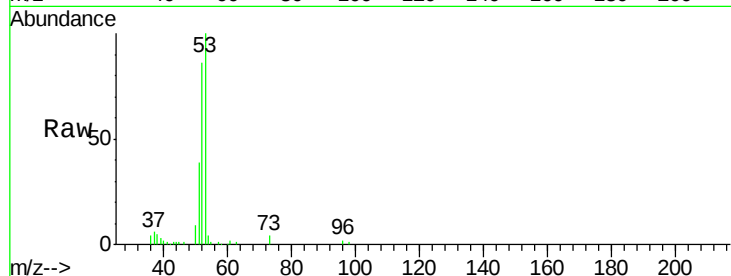
ClientSampleId :

VW0910SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 51135 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 87.2  | 67.0  | 100.4 |
| 51        | 38.1  | 29.8  | 44.8  |

Manual Integrations  
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#16

Acetone

Concen: 77.827 ug/l

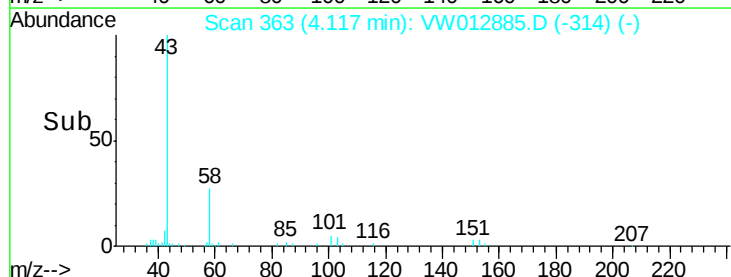
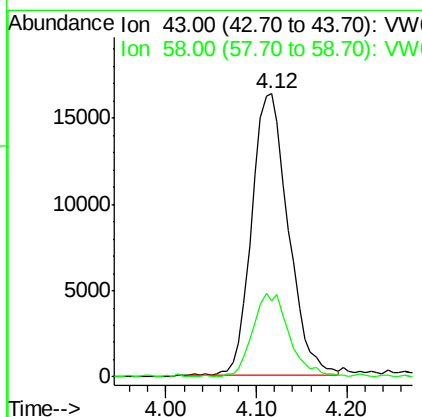
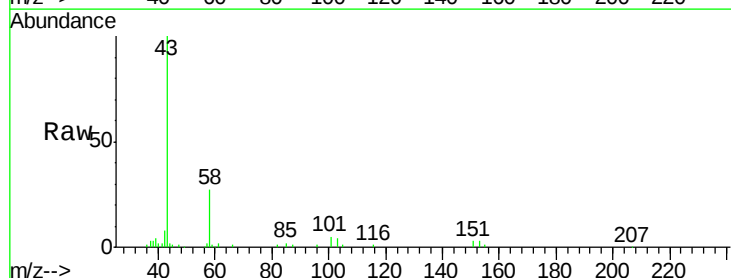
RT: 4.12 min Scan# 363

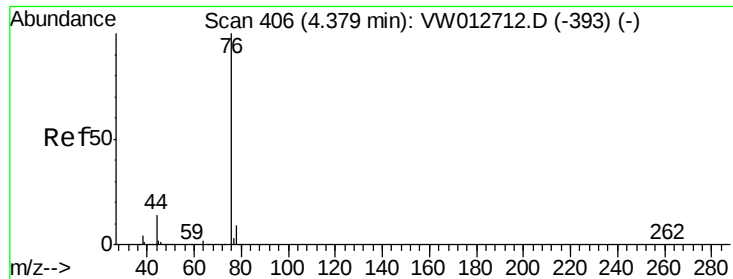
Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 45659 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 26.8  | 22.6  | 33.8  |





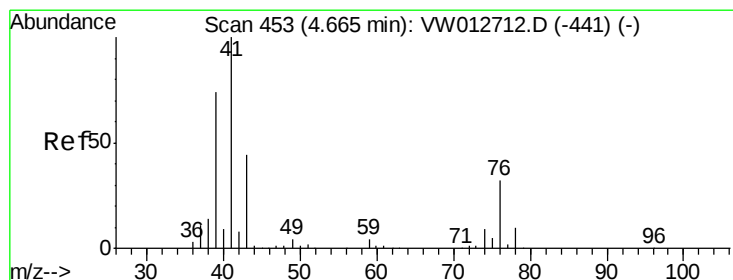
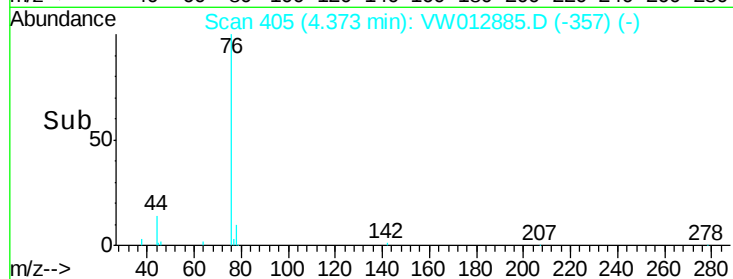
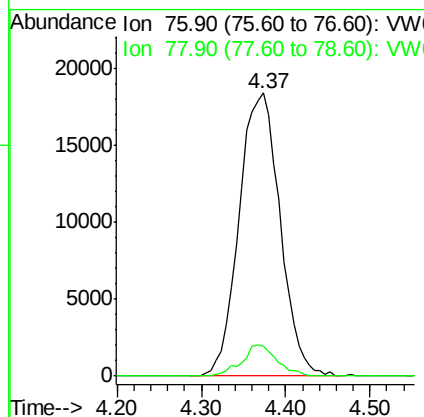
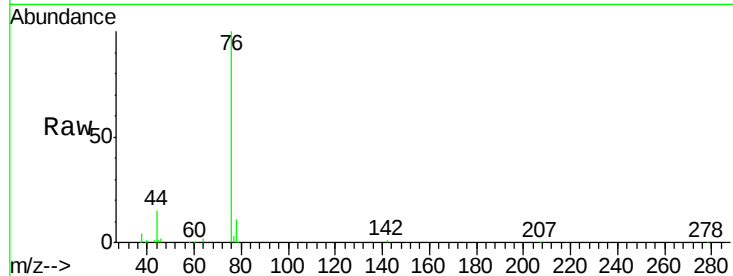
#17  
Carbon Disulfide  
Concen: 17.987 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 10.6  | 7.2   | 10.8  |

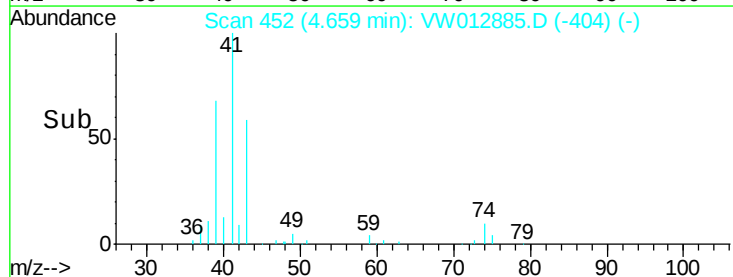
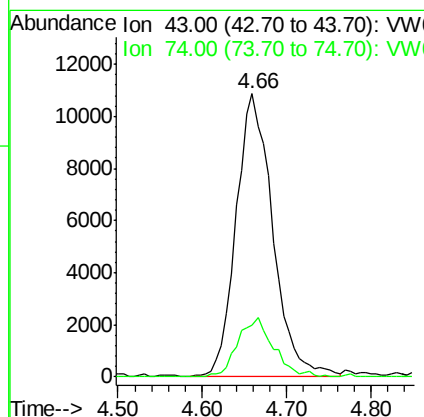
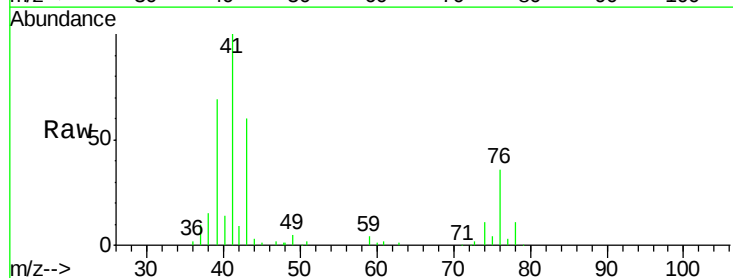
Manual Integrations  
APPROVED

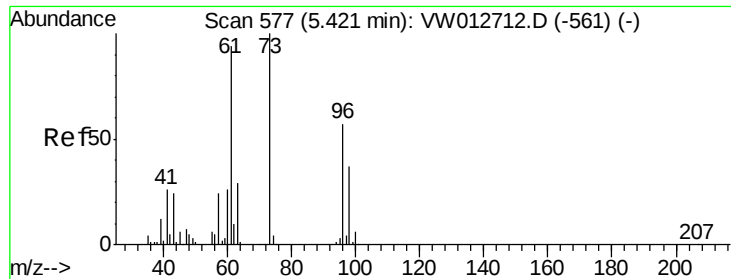
MMDadoda  
9/11/2019 9:26:27 AM



#18  
Methyl Acetate  
Concen: 23.371 ug/l  
RT: 4.66 min Scan# 452  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.2  | 15.8  | 23.6  |





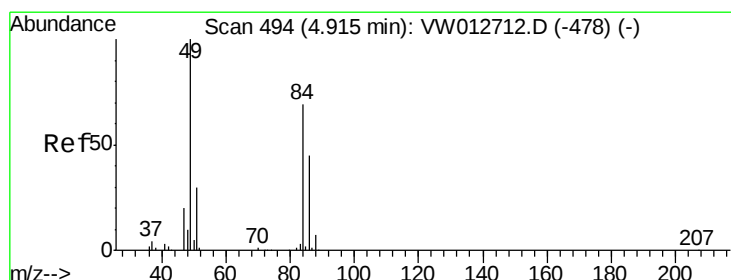
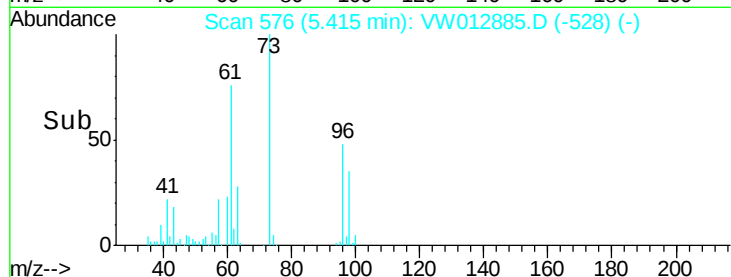
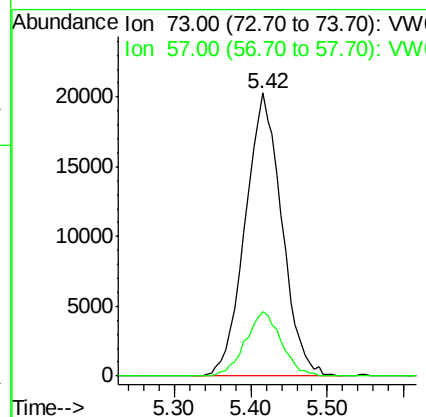
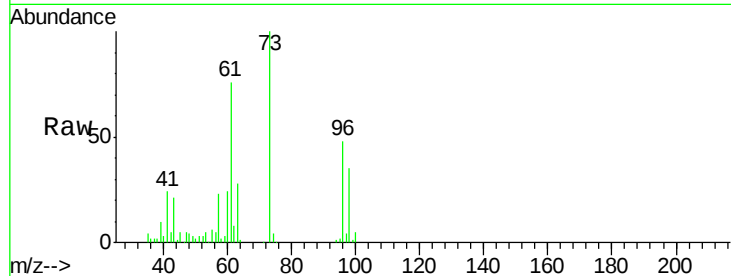
#19  
Methvl tert-butvl Ether  
Concen: 21.347 ug/l  
RT: 5.42 min Scan# 576  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

Tot Ion: 73 Resp: 67335  
Ion Ratio Lower Upper  
73 100  
57 22.7 19.2 28.8

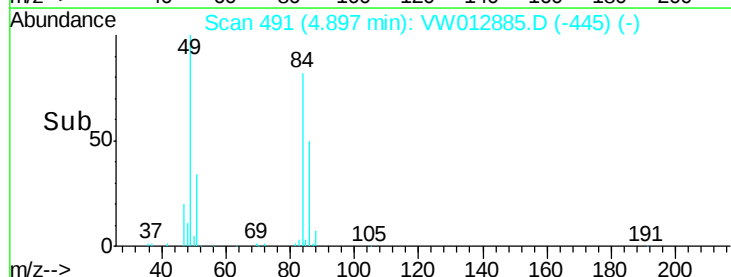
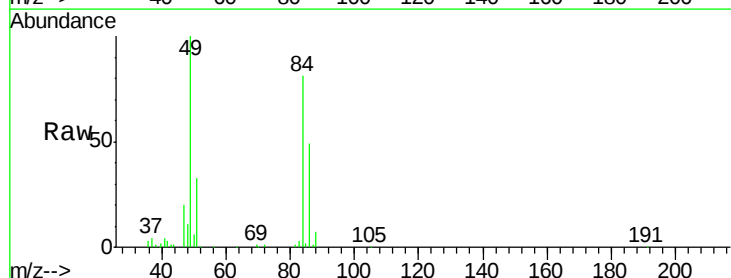
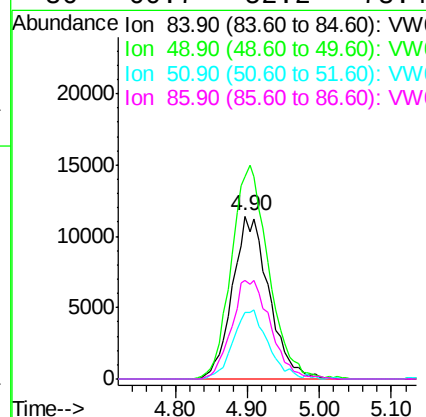
Manual Integrations  
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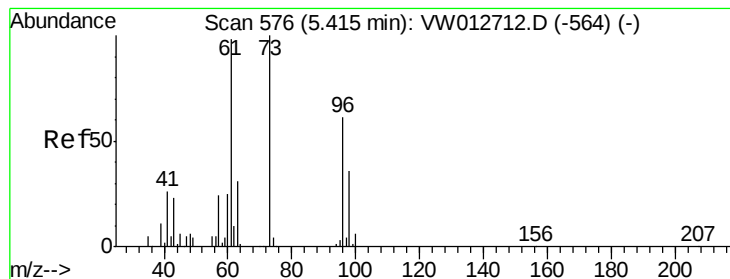
MMDadoda  
9/11/2019 9:26:27 AM



#20  
Methylene Chloride  
Concen: 21.940 ug/l  
RT: 4.90 min Scan# 491  
Delta R.T. -0.02 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Tgt Ion: 84 Resp: 40270  
Ion Ratio Lower Upper  
84 100  
49 123.7 115.4 173.0  
51 41.0 34.9 52.3  
86 60.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.212 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

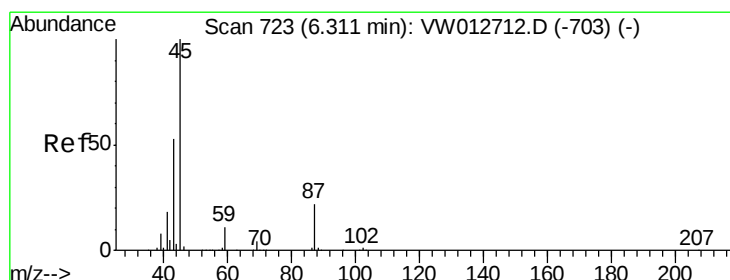
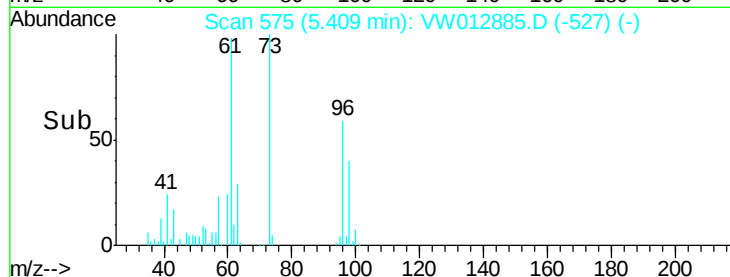
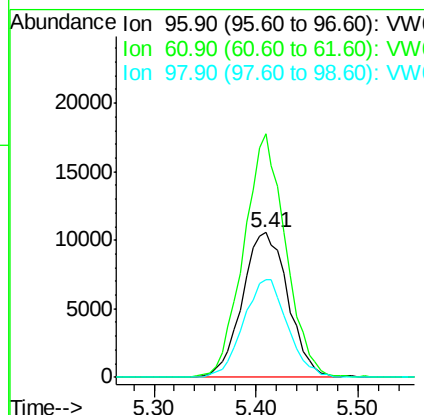
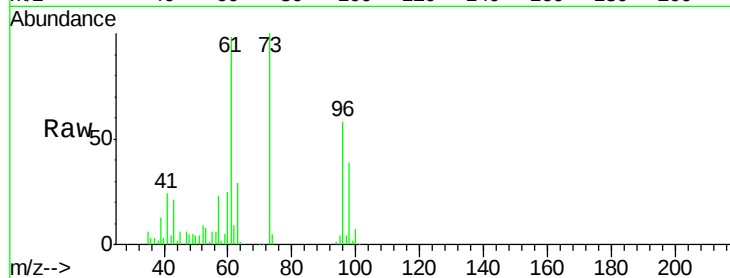
ClientSampleId :

VW0910SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 32802 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 168.5 | 129.2 | 193.8 |
| 98       | 67.6  | 48.0  | 72.0  |

Manual Integrations  
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MMDadoda  
9/11/2019 9:26:27 AM



#22

Diisopropyl ether

Concen: 20.552 ug/l

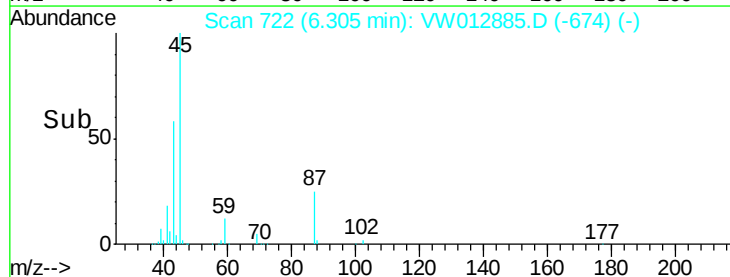
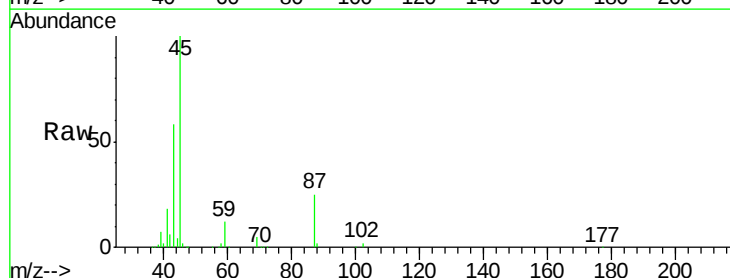
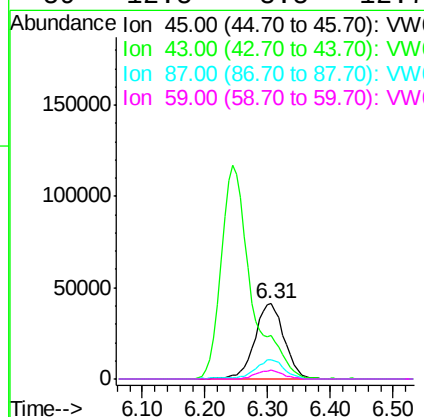
RT: 6.31 min Scan# 722

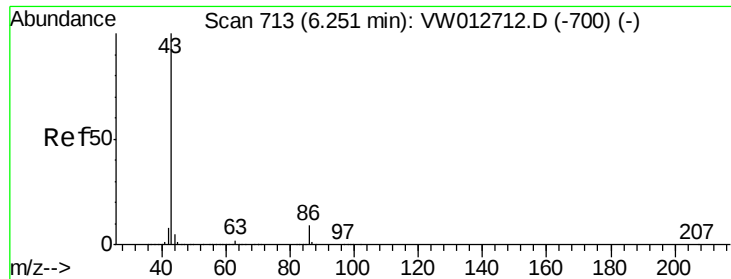
Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 134119 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 58.2  | 42.3  | 63.5   |
| 87       | 25.3  | 18.2  | 27.2   |
| 59       | 12.5  | 8.5   | 12.7   |





#23

Vinyl Acetate

Concen: 94.291 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampled :

VW0910SBS02

Tot Ion: 43 Resp: 389958

Ion Ratio Lower Upper

43 100

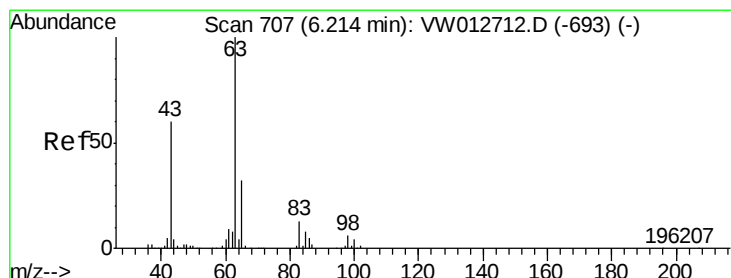
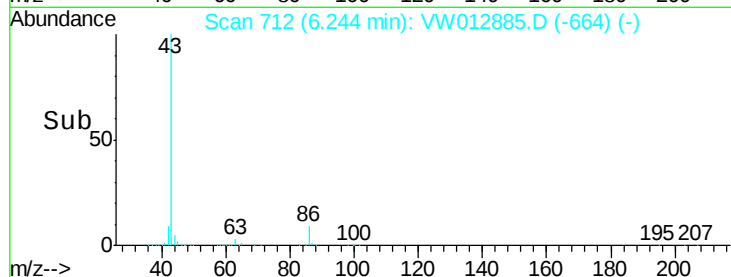
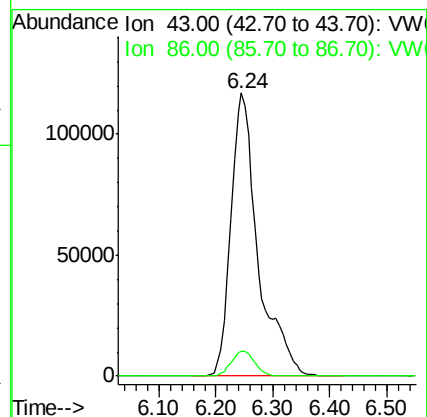
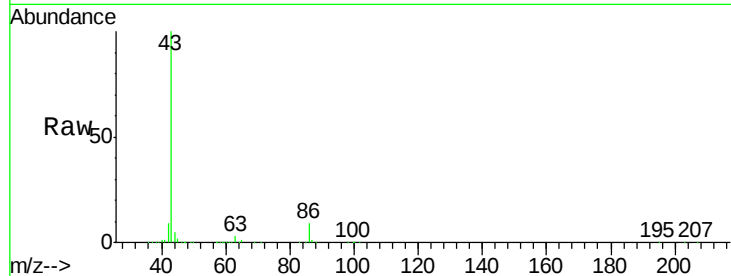
86 8.9 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 20.269 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

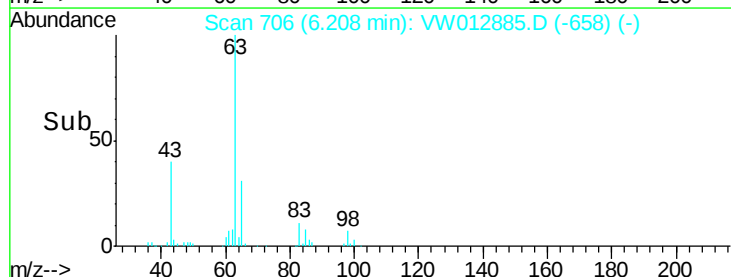
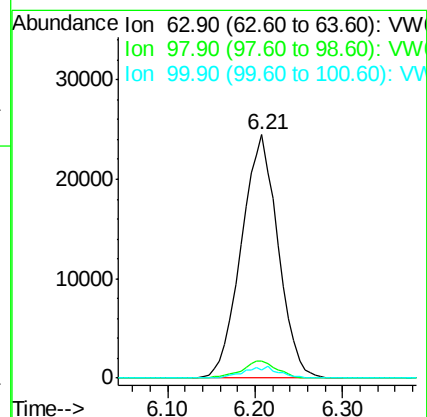
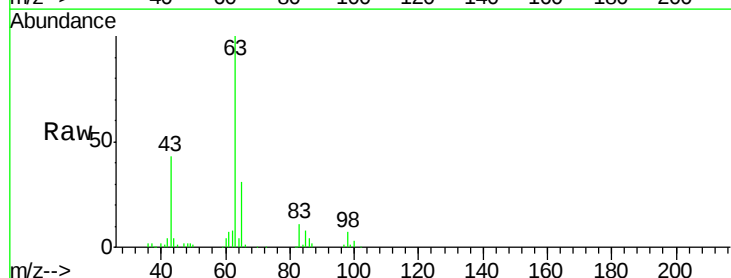
Tgt Ion: 63 Resp: 71220

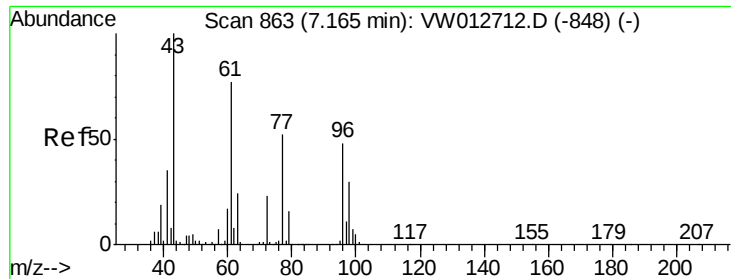
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 3.4 1.8 5.5





#25

2-Butanone

Concen: 98.148 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampled :

VW0910SBS02

Tot Ion: 43 Resp: 73574

Ion Ratio Lower Upper

43 100

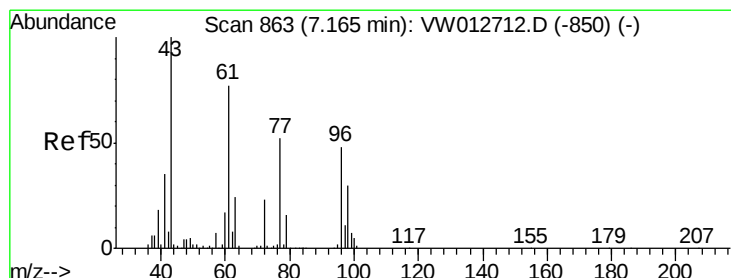
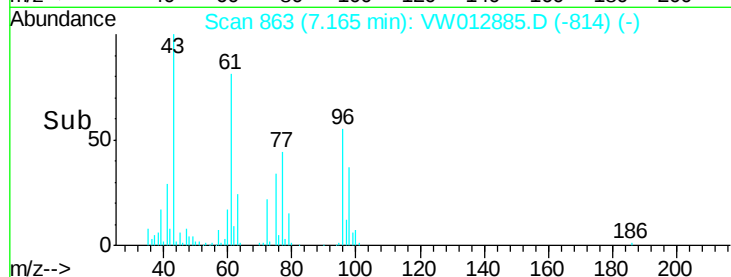
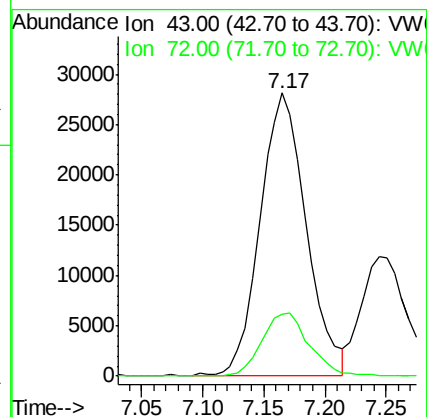
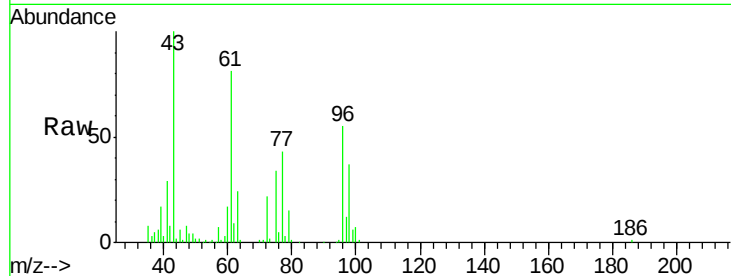
72 22.1 18.0 27.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.875 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012885.D

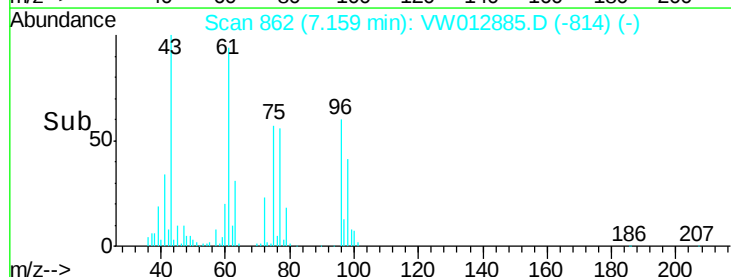
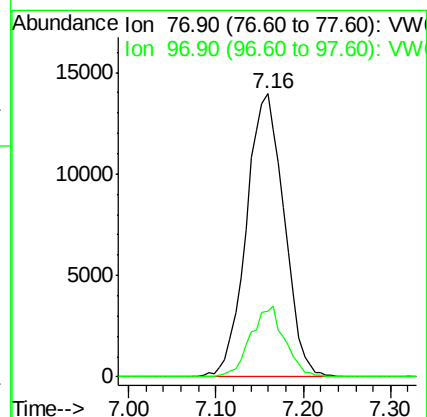
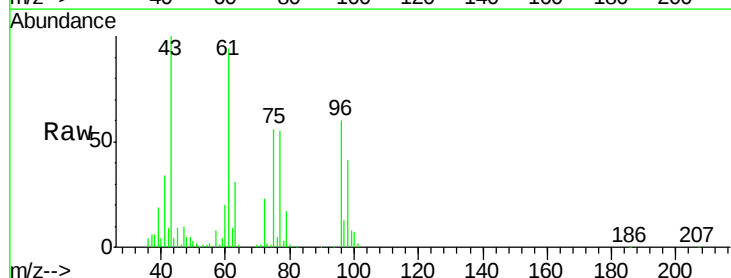
Acq: 10 Sep 2019 23:18

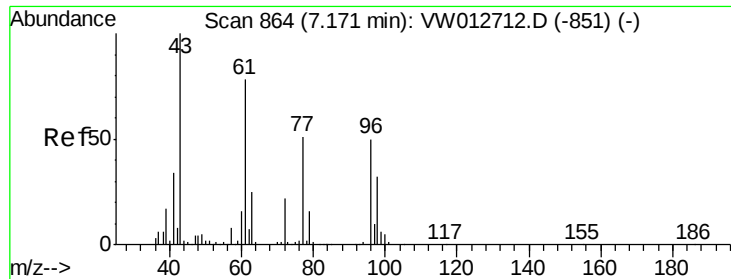
Tgt Ion: 77 Resp: 41889

Ion Ratio Lower Upper

77 100

97 22.6 10.7 32.1





#27

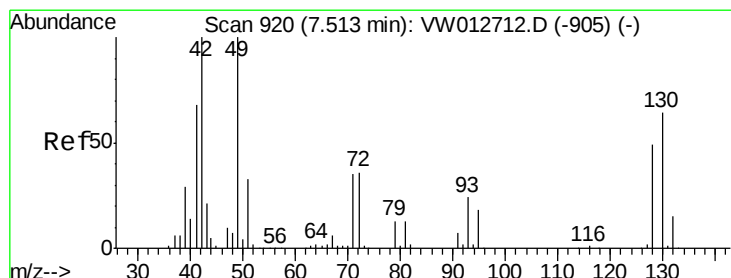
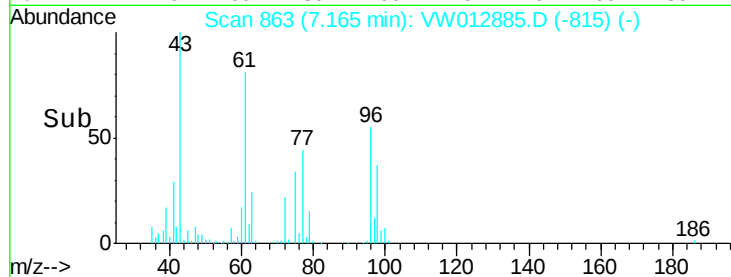
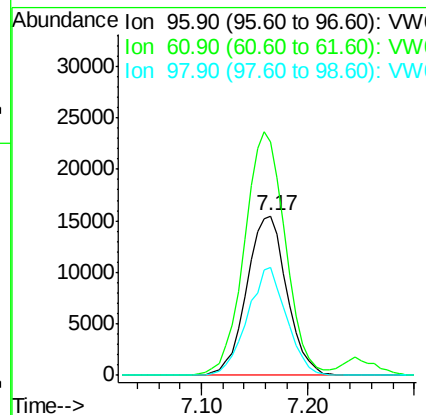
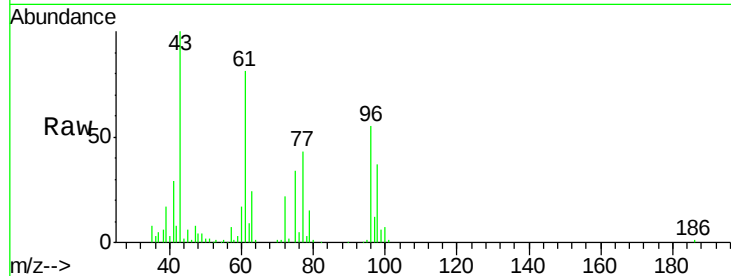
cis-1,2-Dichloroethene  
Concen: 21.719 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 155.9 | 0.0   | 325.8 |
| 98      | 65.6  | 0.0   | 127.0 |

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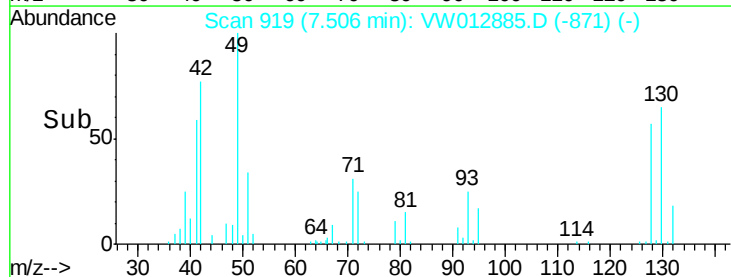
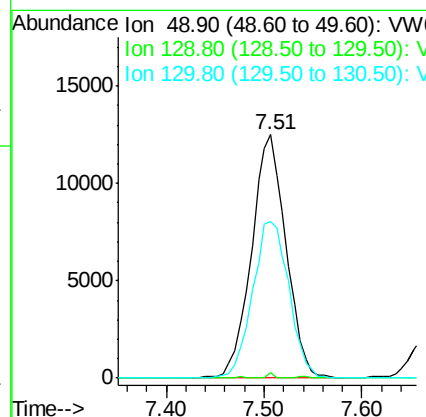
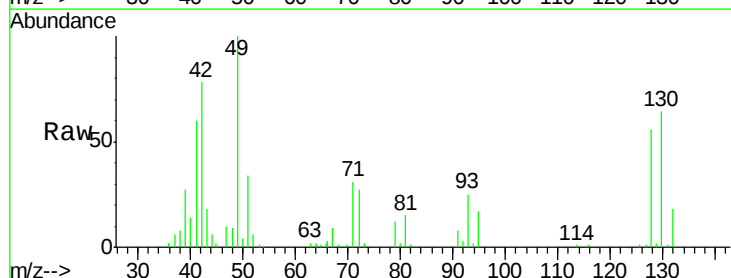
MMDadoda  
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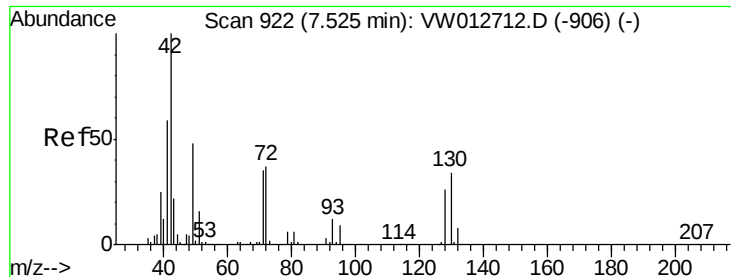


#28

Bromochloromethane  
Concen: 18.907 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.3   | 0.0   | 0.8   |
| 130     | 68.1  | 49.8  | 74.8  |





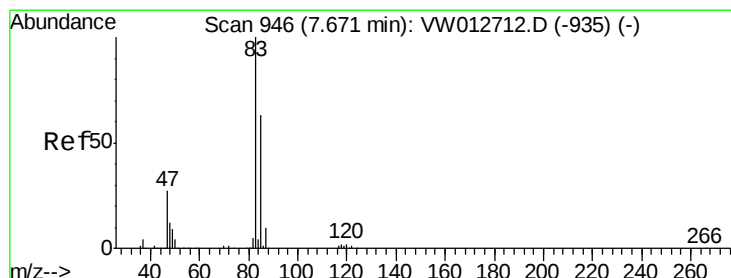
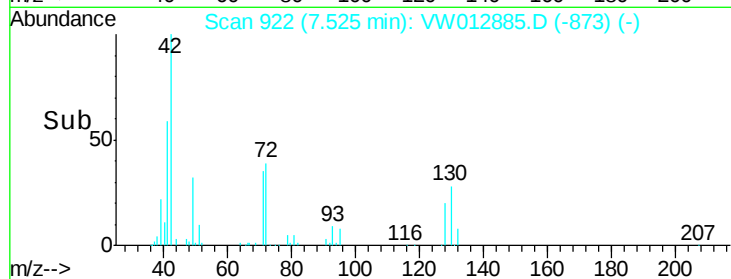
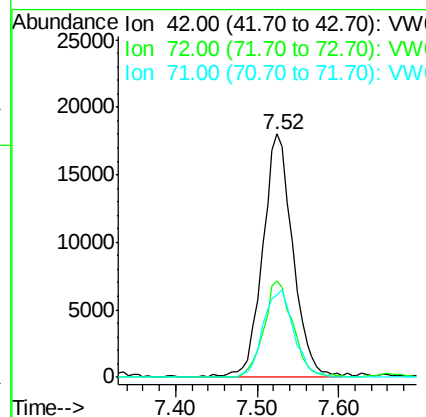
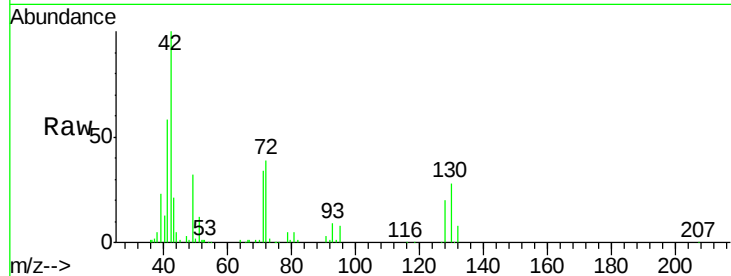
#29  
Tetrahydrofuran  
Concen: 98.254 ug/l  
RT: 7.52 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 38.2  | 28.4  | 42.6  |
| 71      | 36.5  | 27.1  | 40.7  |

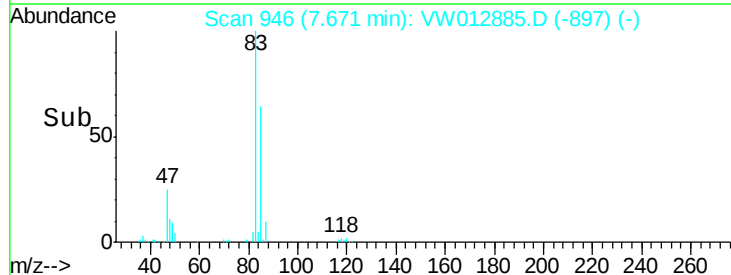
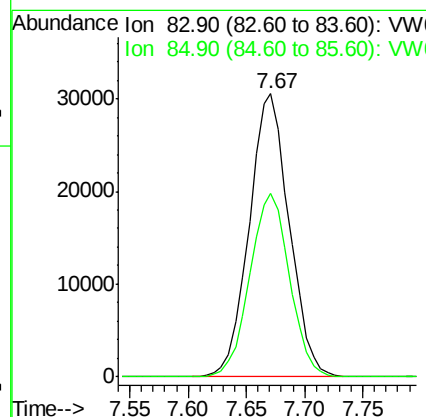
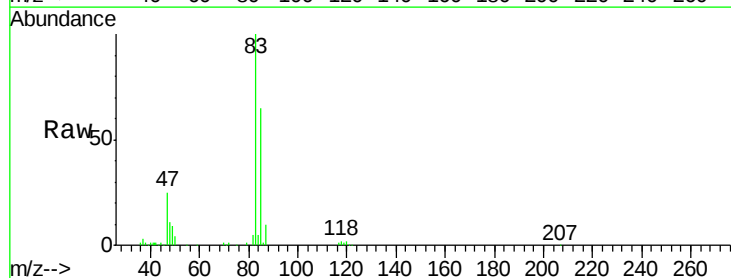
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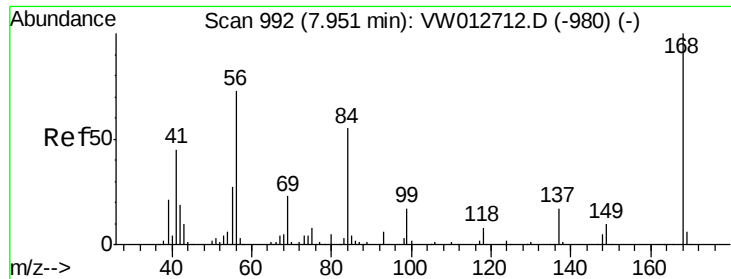
MMDadoda  
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#30  
Chloroform  
Concen: 20.928 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.6  | 50.6  | 76.0  |





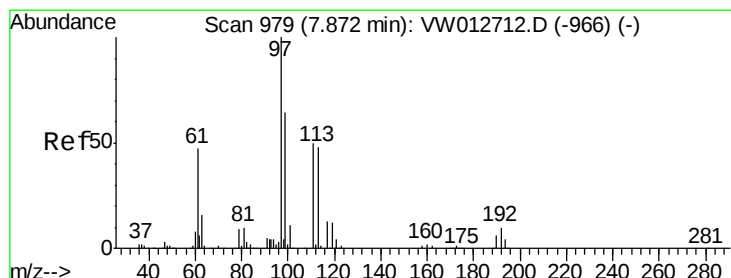
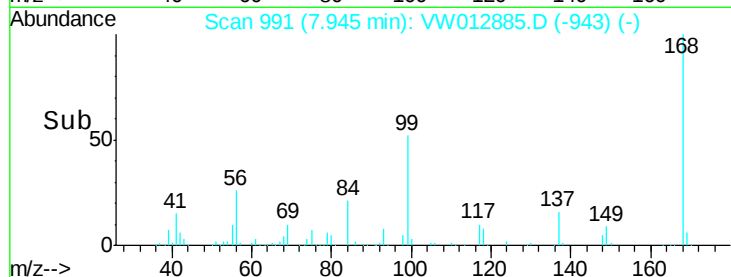
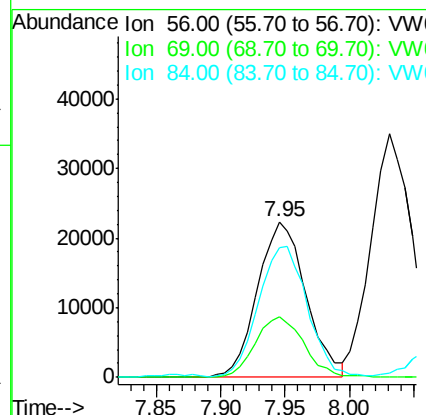
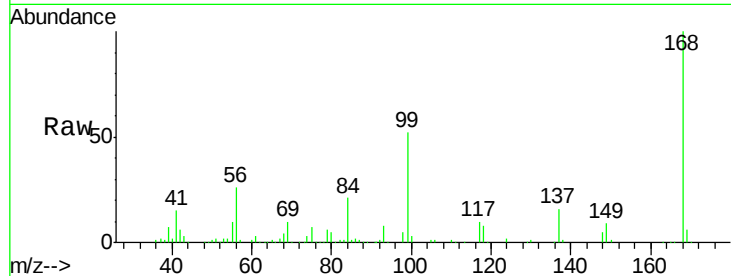
#31  
Cyclohexane  
Concen: 18.375 ug/l  
RT: 7.95 min Scan# 991  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 38.8  | 25.7  | 38.5# |
| 84      | 81.6  | 60.4  | 90.6  |

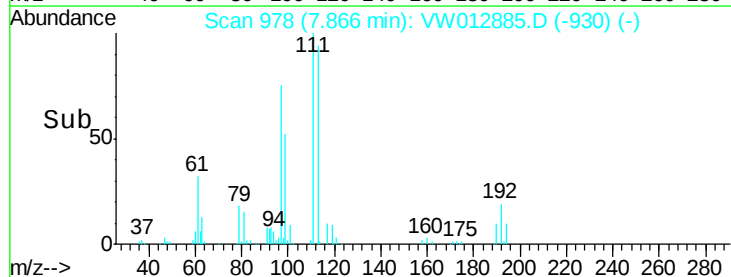
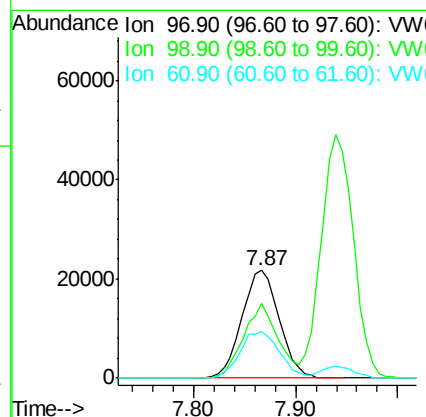
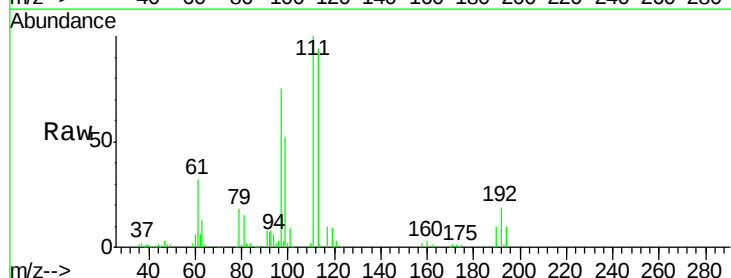
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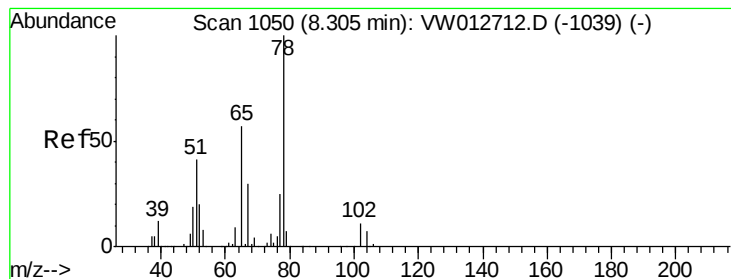
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#32  
1,1,1-Trichloroethane  
Concen: 19.493 ug/l  
RT: 7.87 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.4  | 51.5  | 77.3  |
| 61      | 45.9  | 37.9  | 56.9  |





#33

1,2-Dichloroethane-d4

Concen: 53.183 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion: 65 Resp: 114449

Ion Ratio Lower Upper

65 100

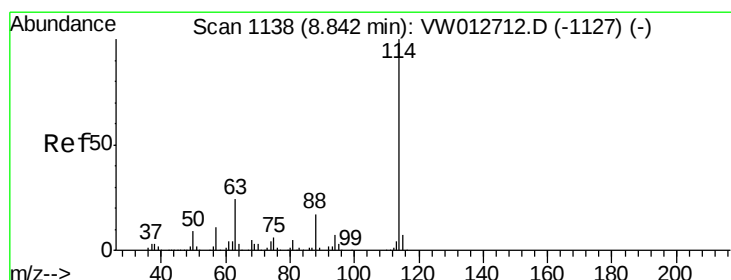
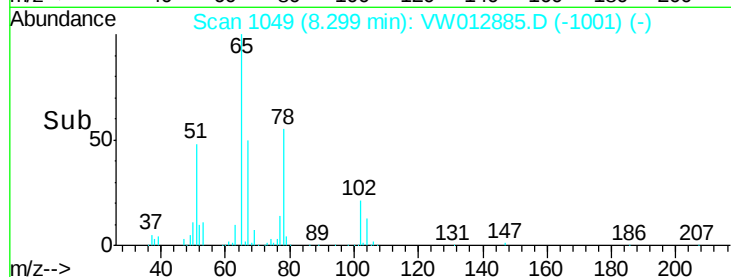
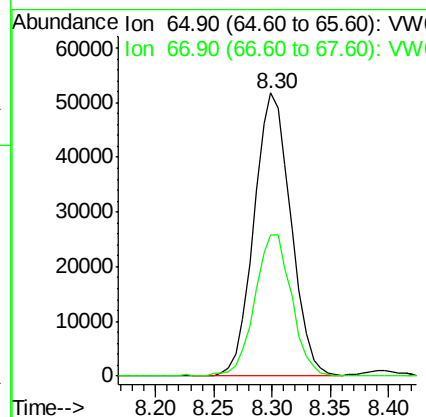
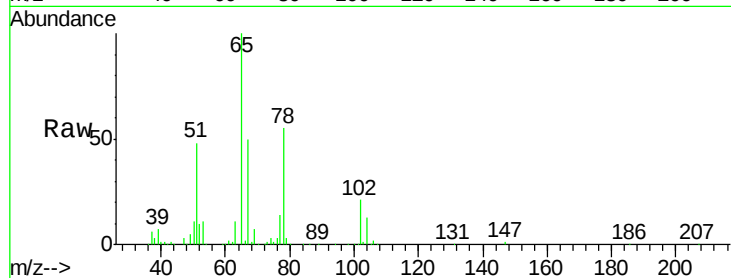
67 50.1 0.0 101.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

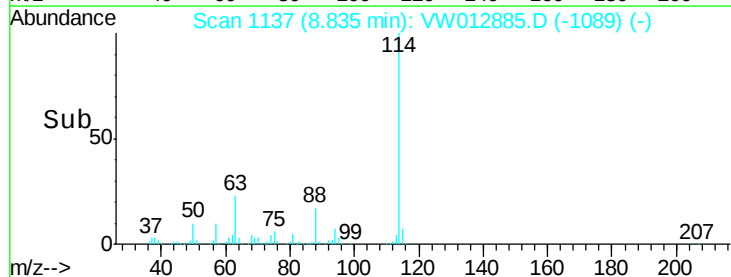
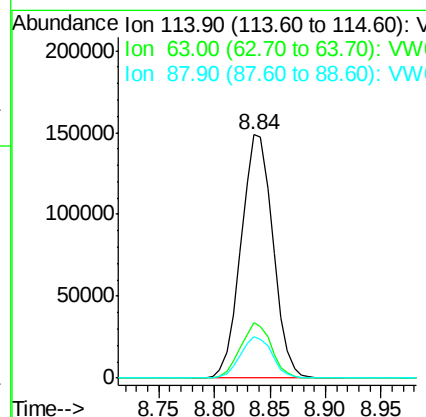
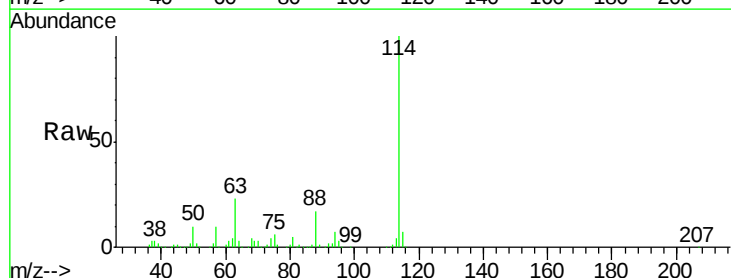
Tgt Ion: 114 Resp: 296409

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.2

88 17.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.930 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

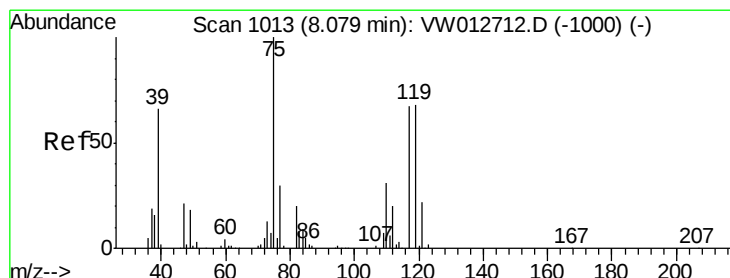
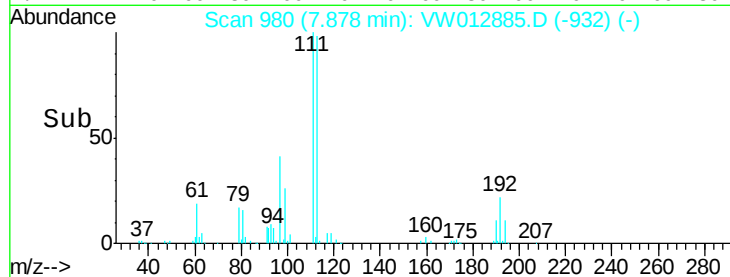
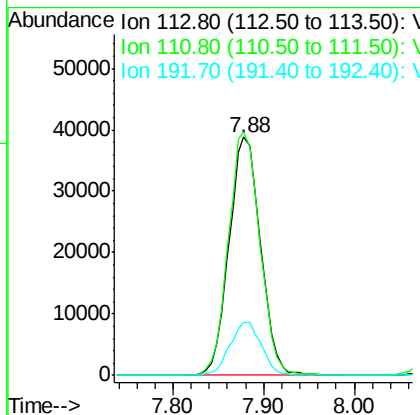
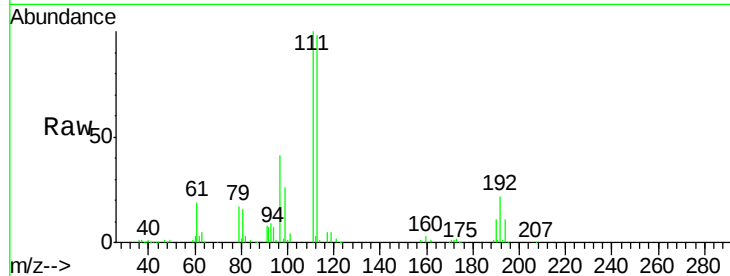
ClientSampleId :

VW0910SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 93275 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 102.3 | 80.2  | 120.4 |
| 192       | 22.2  | 17.3  | 25.9  |

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#36

1,1-Dichloropropene

Concen: 19.382 ug/l

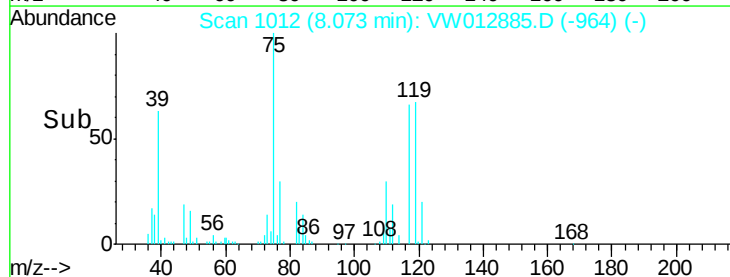
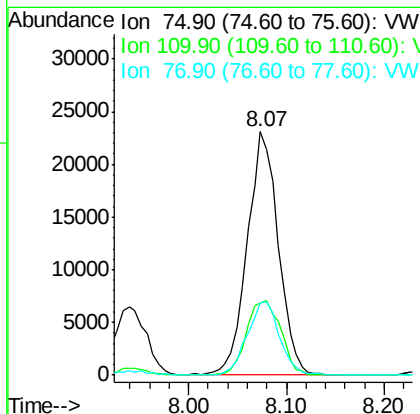
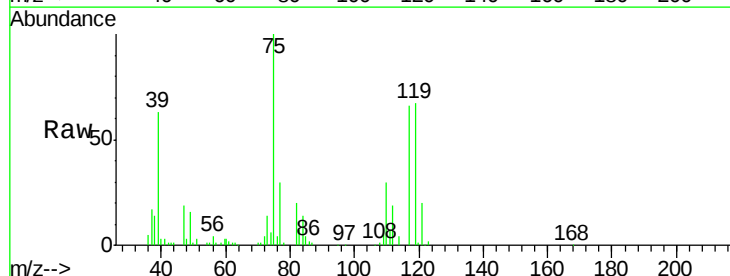
RT: 8.07 min Scan# 1012

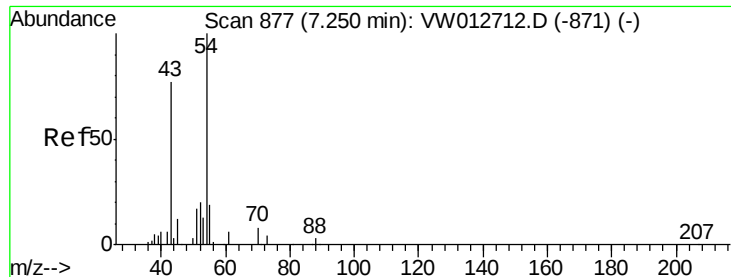
Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 51046 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 33.6  | 15.9  | 47.7  |
| 77        | 31.2  | 25.0  | 37.4  |





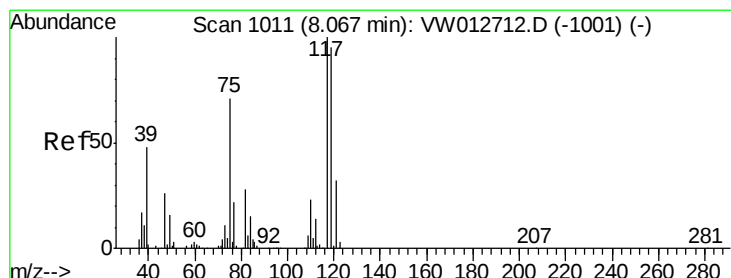
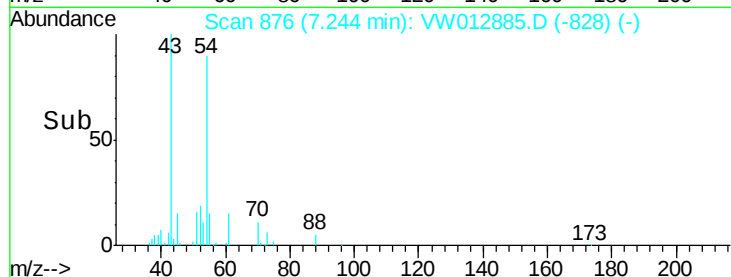
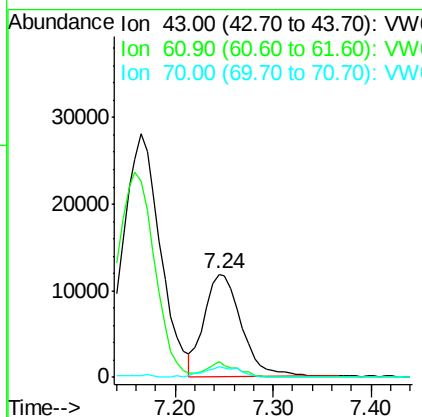
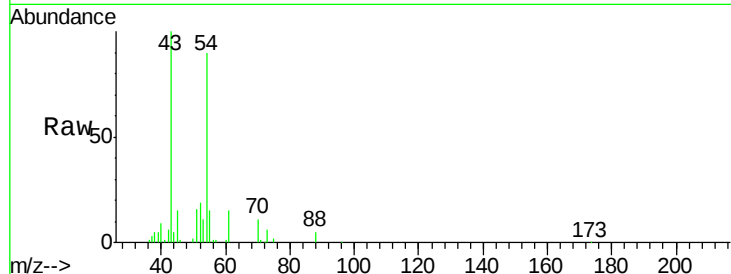
#37  
Ethyl Acetate  
Concen: 18.381 ug/l  
RT: 7.24 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   |      |       |       |
| 61      | 12.1  | 9.5  | 14.3  |       |
| 70      | 10.4  | 7.0  | 10.6  |       |

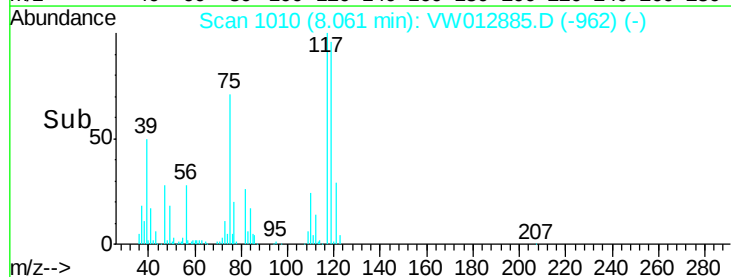
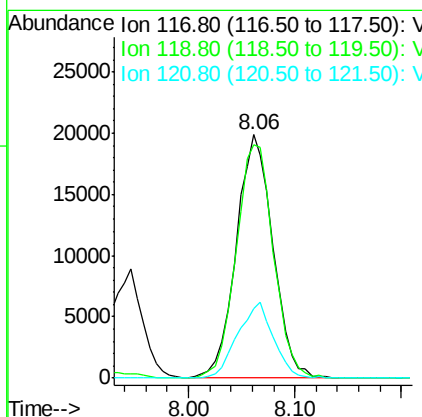
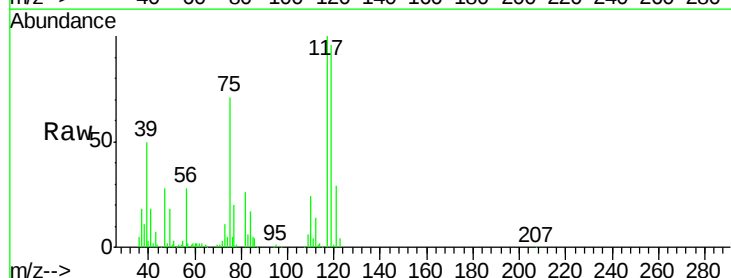
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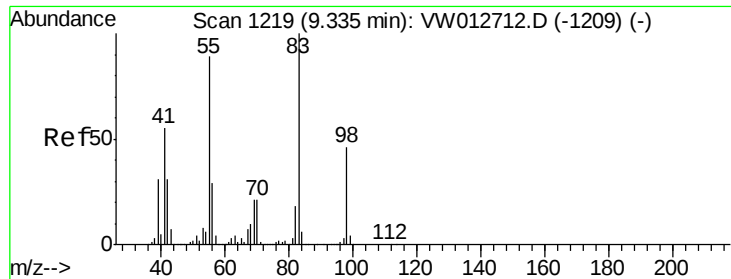
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 18.501 ug/l  
RT: 8.06 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.8  | 76.2 | 114.2 |       |
| 121     | 28.6  | 25.4 | 38.2  |       |





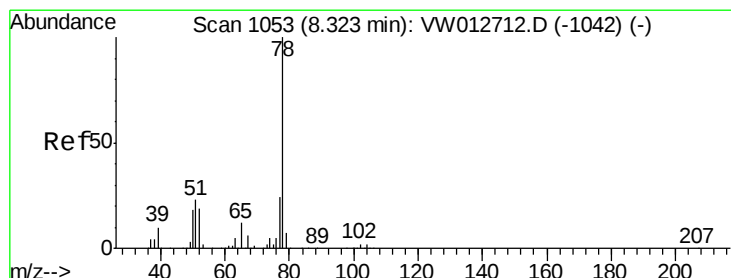
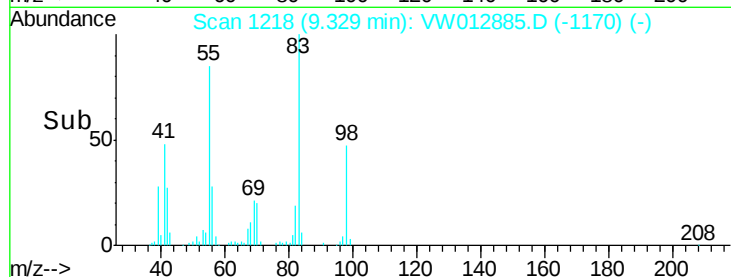
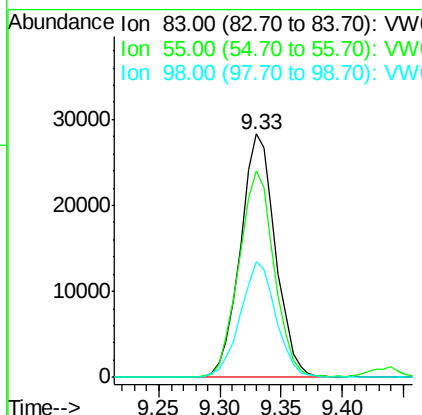
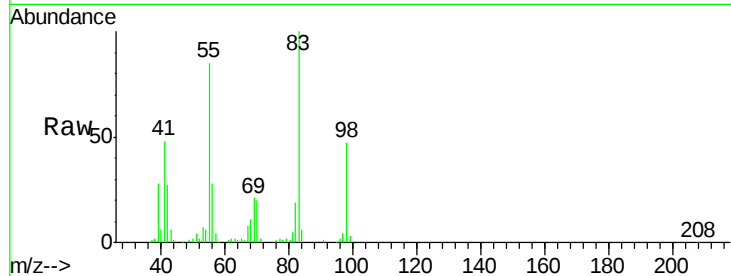
#39  
Methvlcvclohexane  
Concen: 19.087 ug/l  
RT: 9.33 min Scan# 1218  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 84.9  | 71.0  | 106.4 |
| 98      | 47.5  | 36.9  | 55.3  |

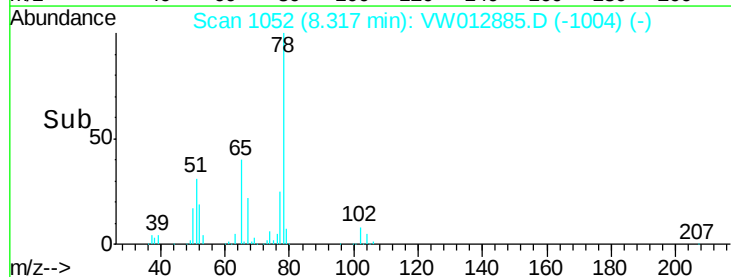
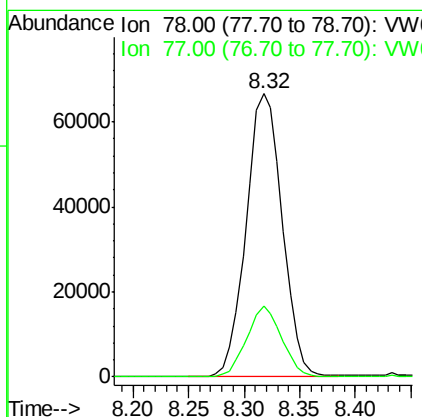
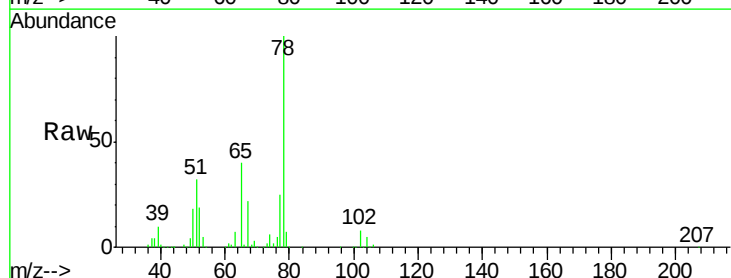
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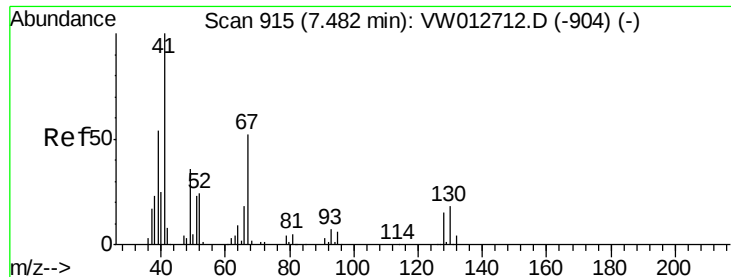
MMDadoda  
9/11/2019 9:26:27 AM



#40  
Benzene  
Concen: 20.634 ug/l  
RT: 8.32 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.2  | 19.3  | 28.9  |





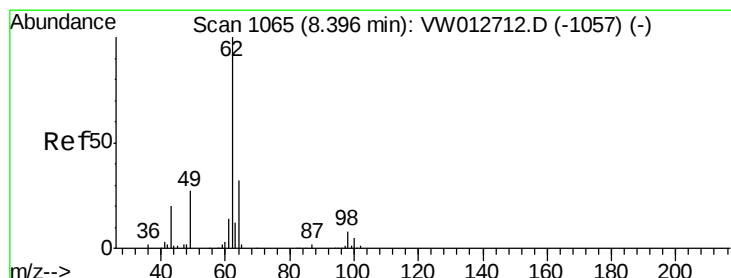
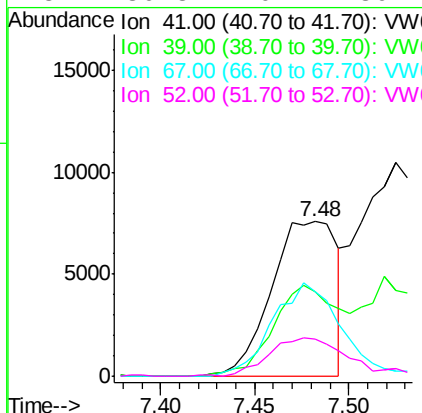
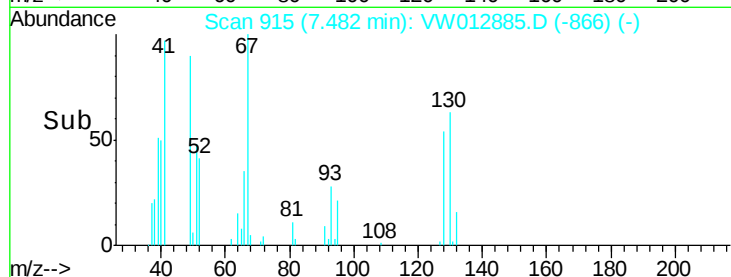
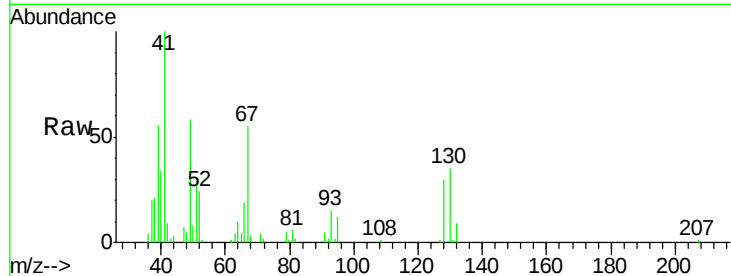
#41  
Methacrylonitrile  
Concen: 18.691 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 41    | Resp: | 18360 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 60.0  | 47.5  | 71.3  |
| 67        | 62.8  | 45.1  | 67.7  |
| 52        | 30.8  | 20.2  | 30.2# |

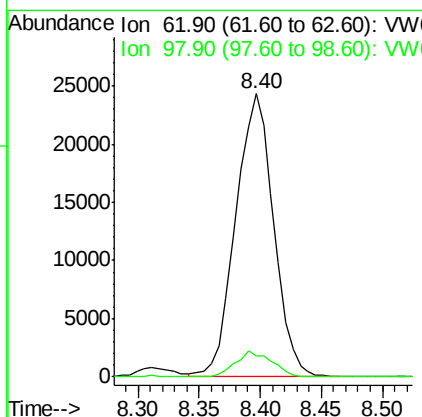
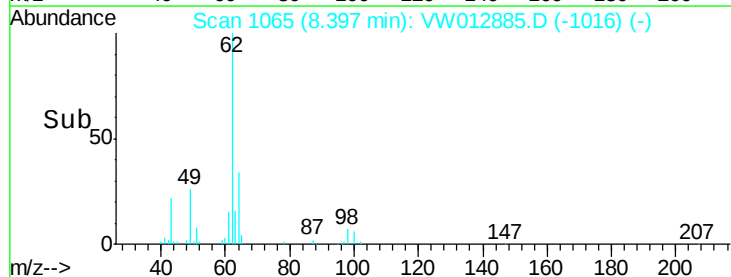
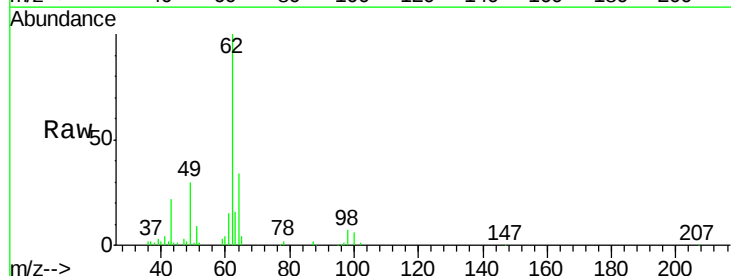
Manual Integrations  
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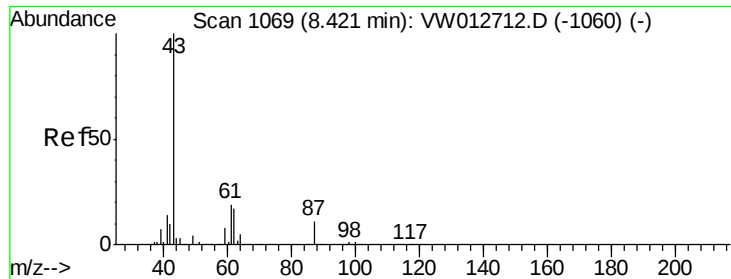
MMDadoda  
9/11/2019 9:26:27 AM



#42  
1,2-Dichloroethane  
Concen: 20.397 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 52454 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.6   | 0.0   | 16.2  |





#43

Isopropyl Acetate

Concen: 18.477 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

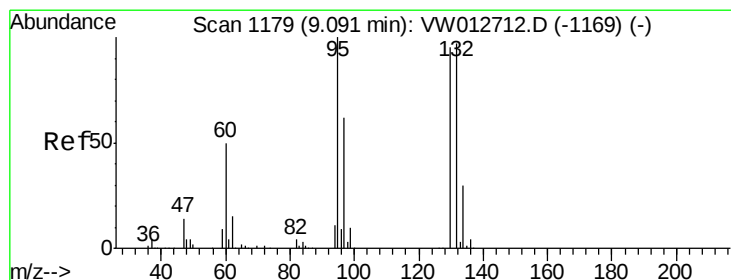
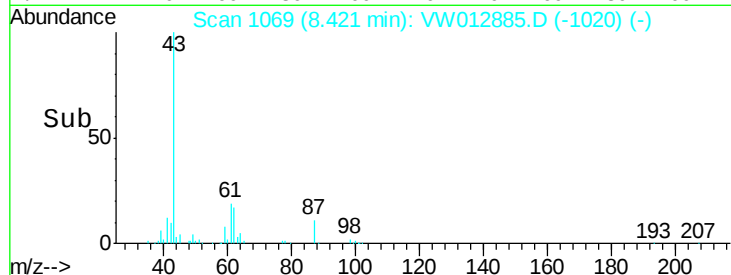
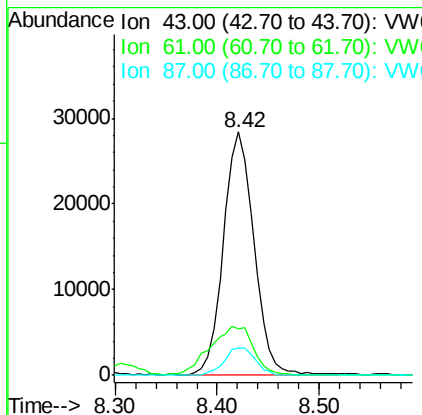
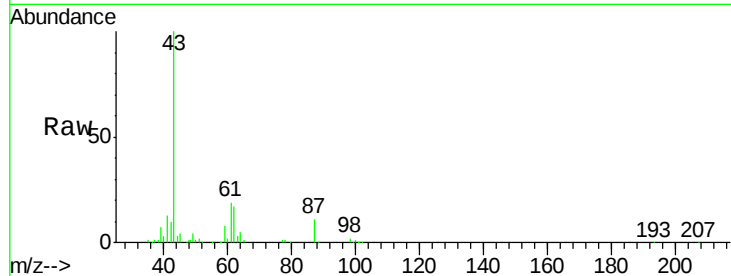
ClientSampleId :

VW0910SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 58771 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 29.1  | 20.6  | 30.8  |
| 87       | 11.6  | 8.6   | 13.0  |

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#44

Trichloroethene

Concen: 21.045 ug/l

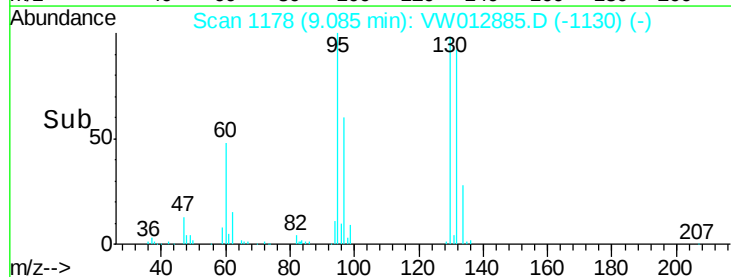
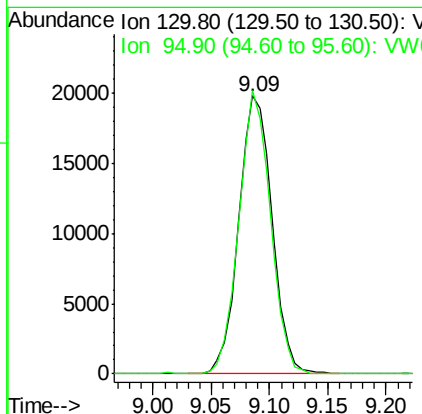
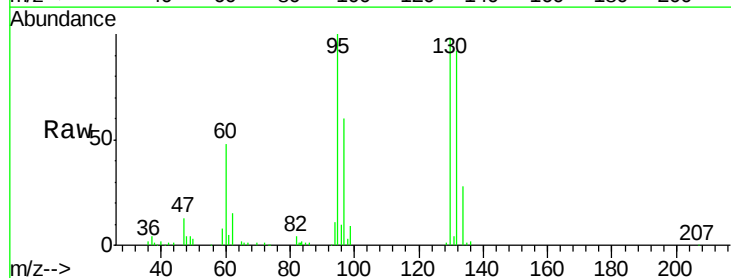
RT: 9.09 min Scan# 1178

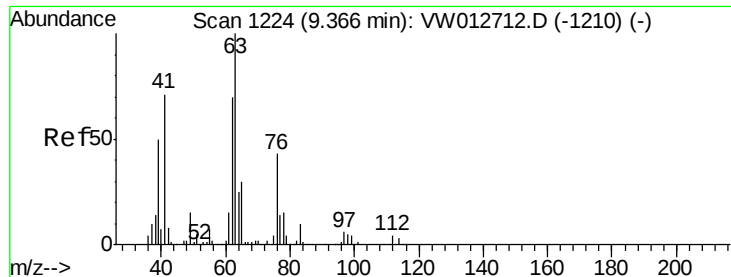
Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 39639 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 101.9 | 0.0   | 210.6 |





#45

1,2-Dichloropropane

Concen: 19.992 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion: 63 Resp: 40517

Ion Ratio Lower Upper

63 100

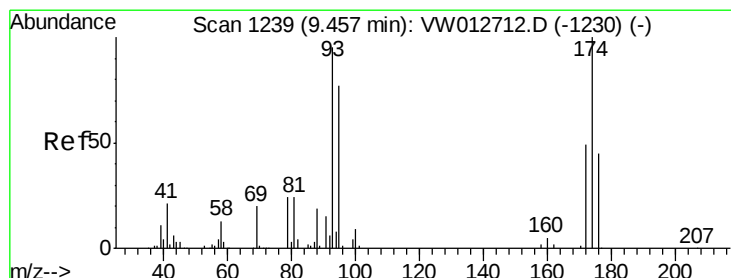
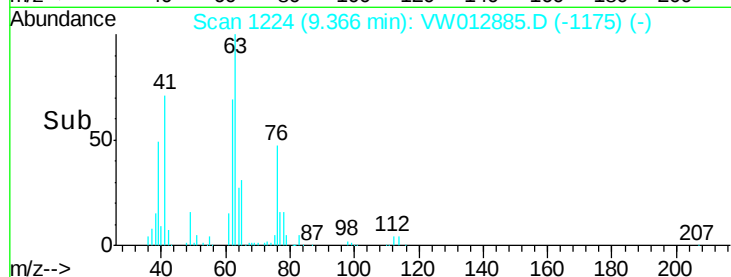
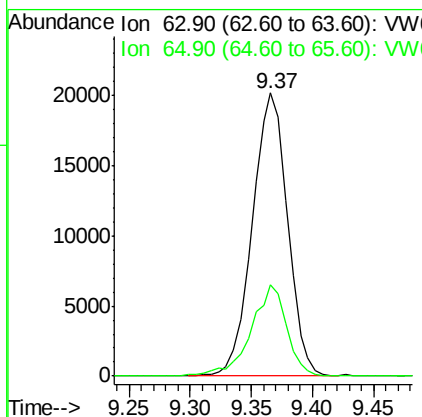
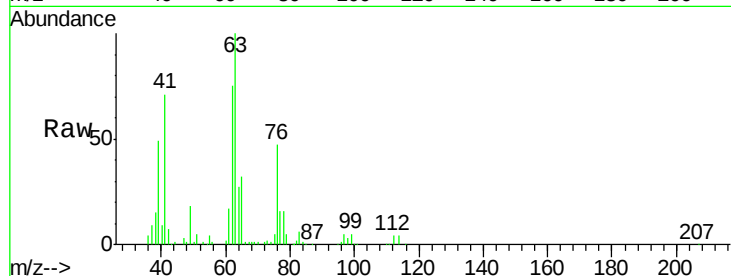
65 32.1 23.8 35.8

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#46

Dibromomethane

Concen: 20.910 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

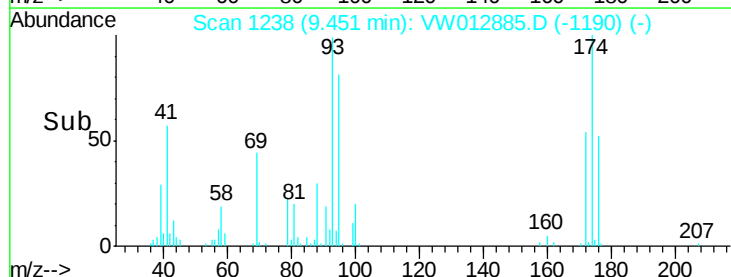
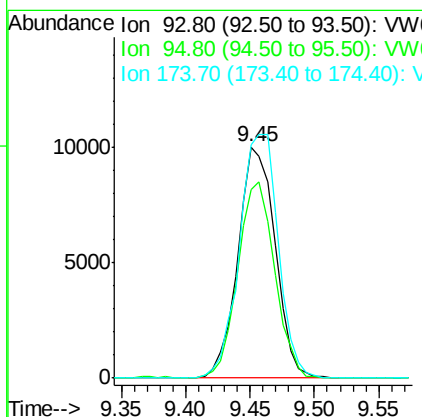
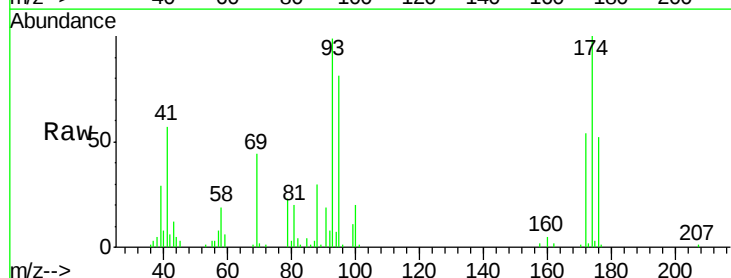
Tgt Ion: 93 Resp: 20067

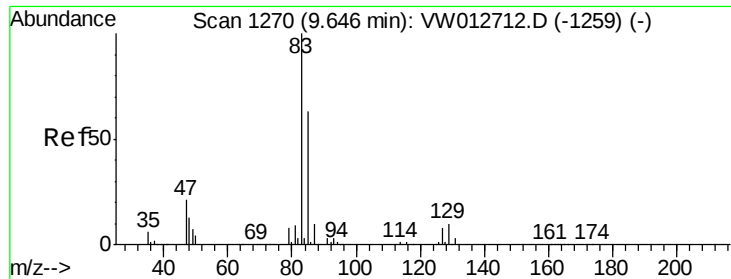
Ion Ratio Lower Upper

93 100

95 84.1 65.2 97.8

174 109.8 84.2 126.4





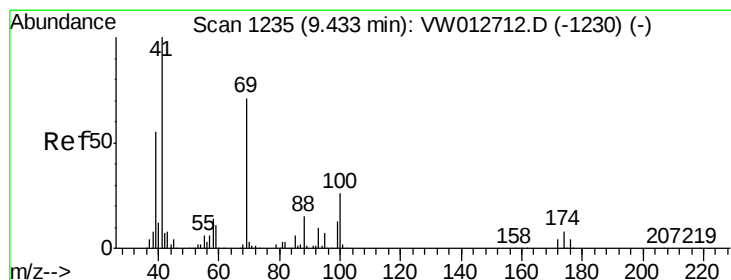
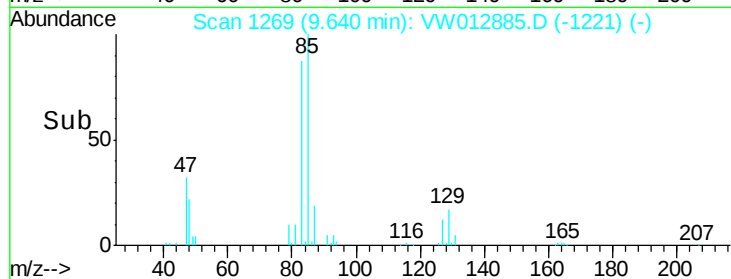
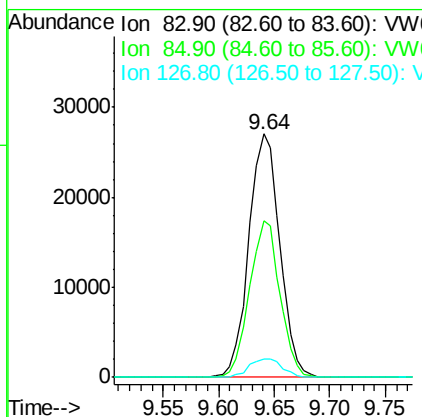
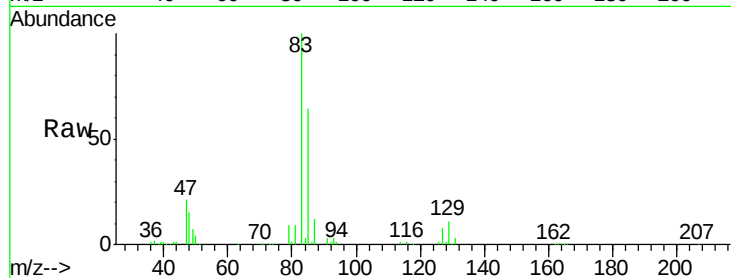
#47  
Bromodichloromethane  
Concen: 19.901 ug/l  
RT: 9.64 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 52546 |       |       |
| 85      | 64.5  | 50.2  | 75.2  |       |
| 127     | 7.5   | 6.6   | 9.8   |       |

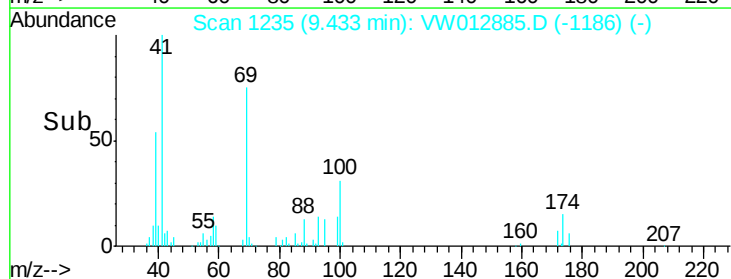
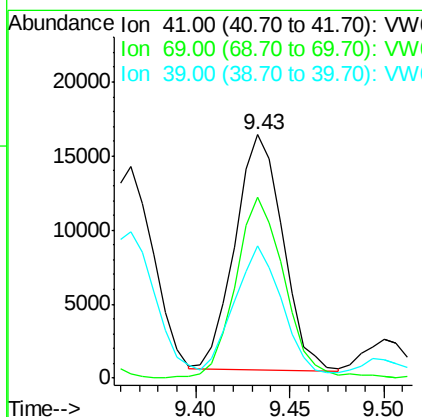
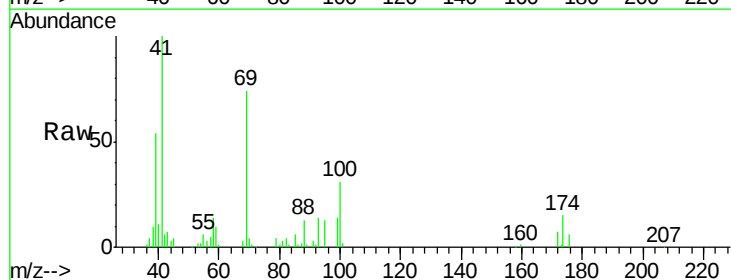
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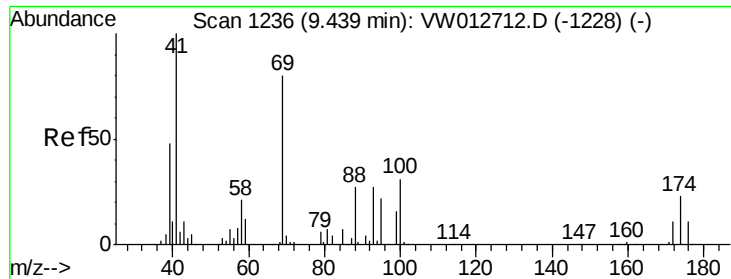
MMDadoda  
9/11/2019 9:26:27 AM



#48  
Methyl methacrylate  
Concen: 18.381 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 27940 |       |       |
| 69      | 78.9  | 59.8  | 89.8  |       |
| 39      | 57.5  | 47.0  | 70.6  |       |





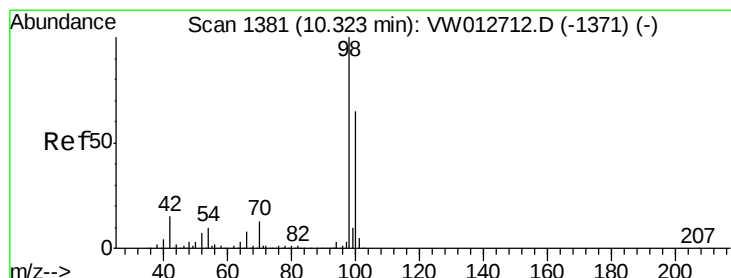
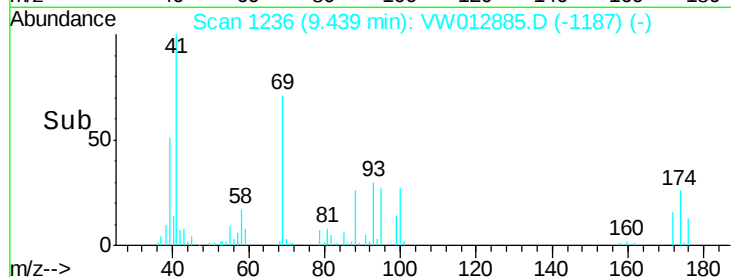
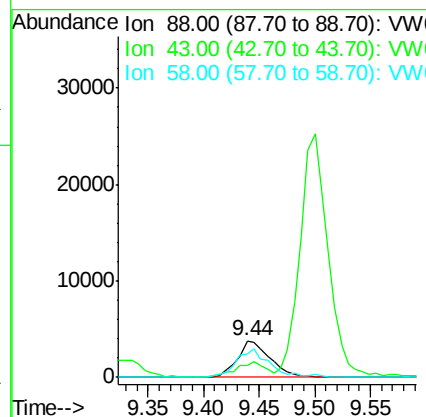
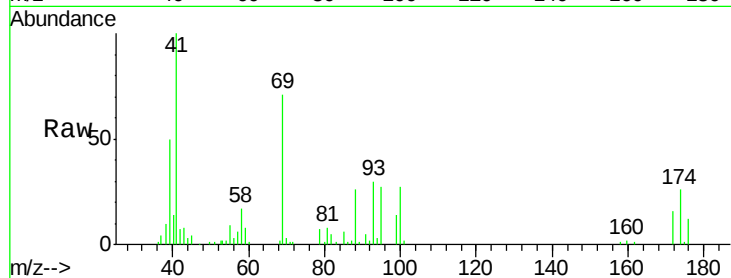
#49  
1,4-Dioxane  
Concen: 415.205 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.2  | 34.8  | 52.2  |
| 58      | 77.2  | 64.1  | 96.1  |

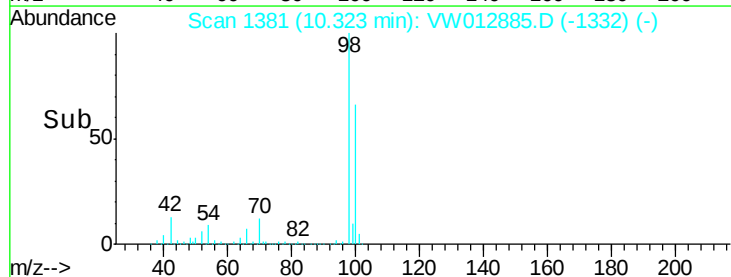
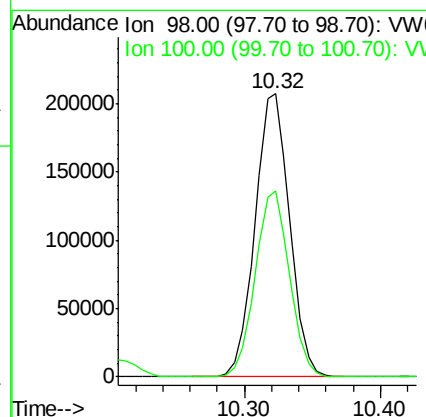
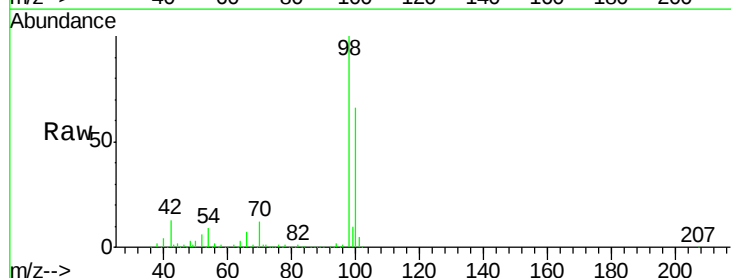
Manual Integrations  
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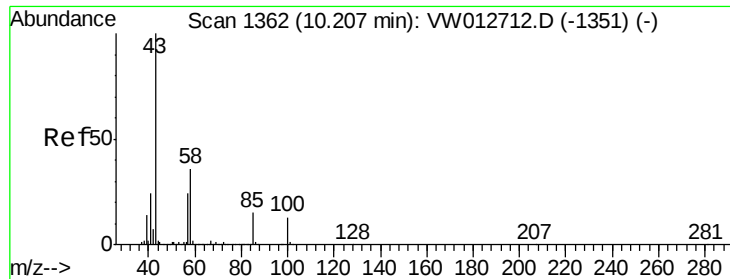
MMDadoda  
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#50  
Toluene-d8  
Concen: 53.455 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.0  | 52.2  | 78.4  |





#51

4-Methyl-2-Pentanone

Concen: 95.500 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampled :

VW0910SBS02

Tot Ion: 43 Resp: 159394

Ion Ratio Lower Upper

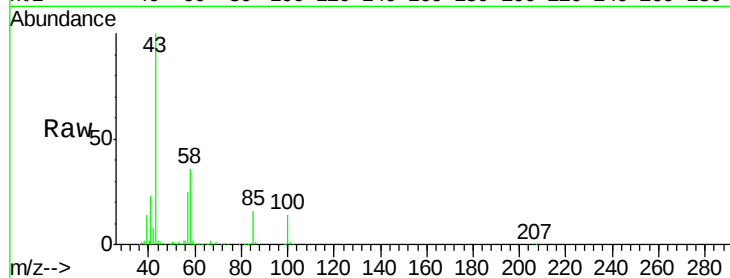
43 100

58 36.4 28.4 42.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

100000

80000

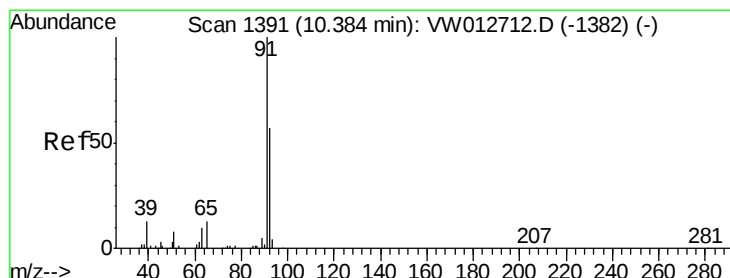
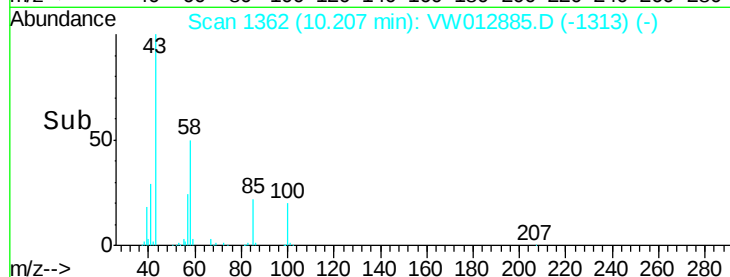
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 21.006 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW012885.D

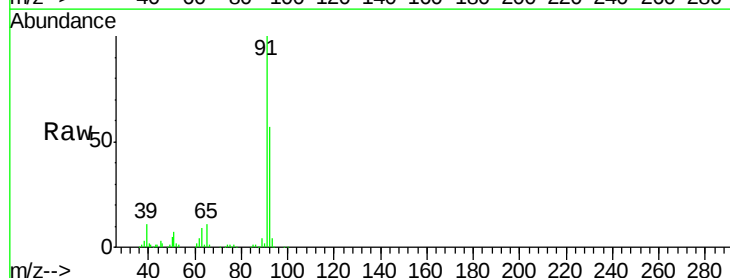
Acq: 10 Sep 2019 23:18

Tgt Ion: 92 Resp: 95800

Ion Ratio Lower Upper

92 100

91 172.7 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

100000

80000

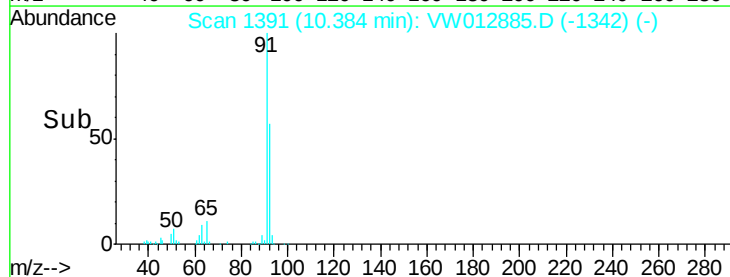
60000

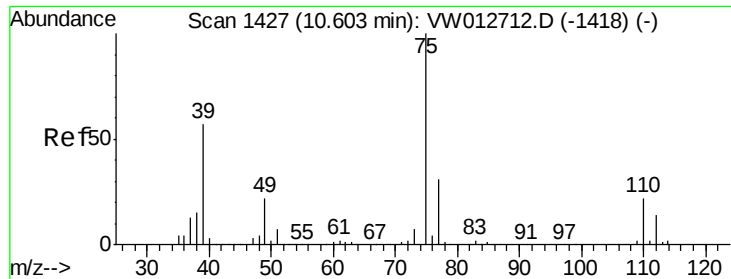
40000

20000

0

Time-->





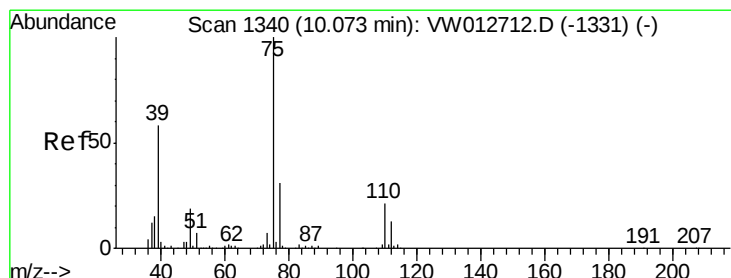
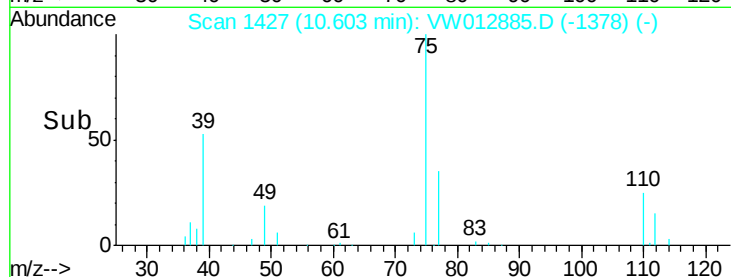
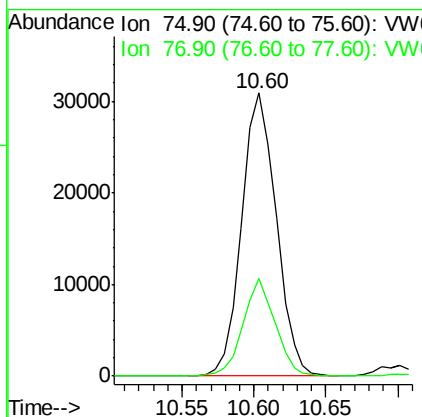
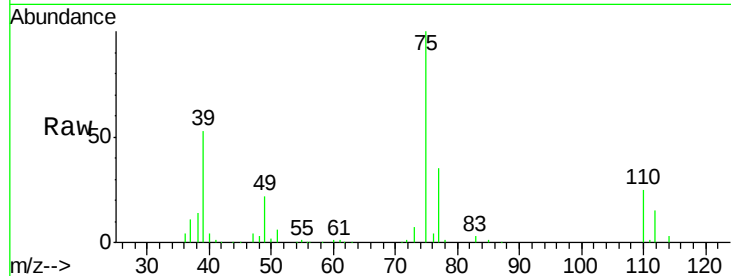
#53  
t-1,3-Dichloropropene  
Concen: 18.926 ug/l  
RT: 10.60 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

Tot Ion: 75 Resp: 51384  
Ion Ratio Lower Upper  
75 100  
77 34.8 24.7 37.1

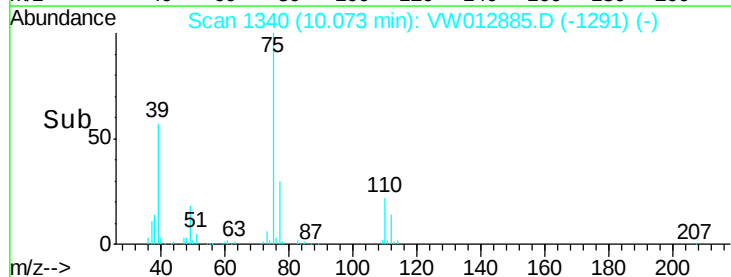
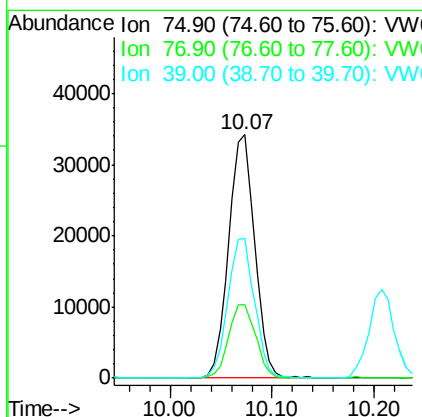
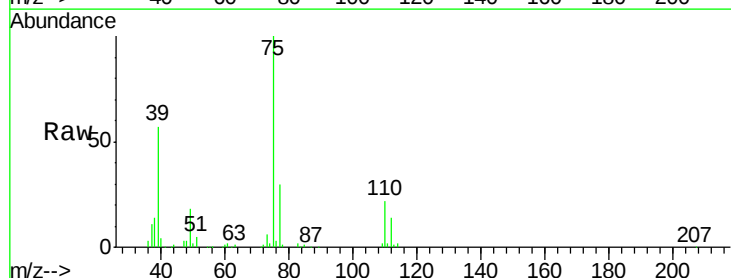
Manual Integrations  
APPROVED

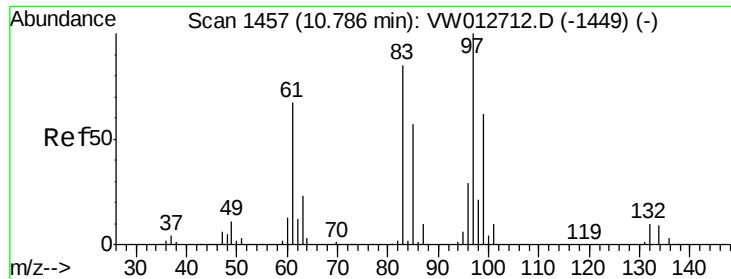
MMDadoda  
9/11/2019 9:26:27 AM



#54  
cis-1,3-Dichloropropene  
Concen: 19.660 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Tgt Ion: 75 Resp: 60552  
Ion Ratio Lower Upper  
75 100  
77 30.3 24.6 36.8  
39 57.5 46.3 69.5





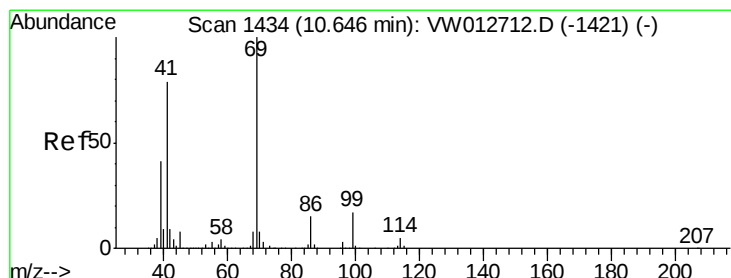
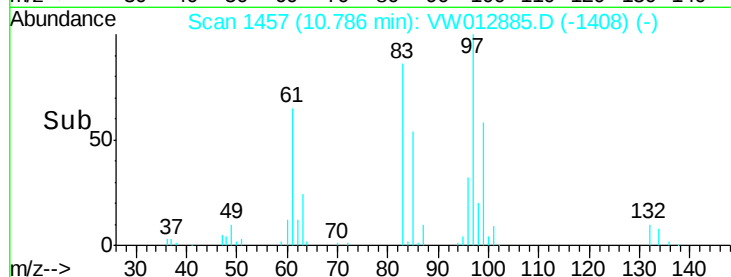
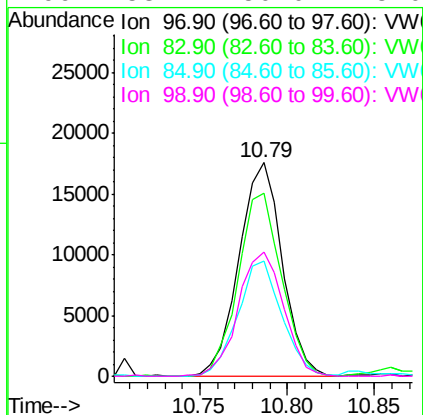
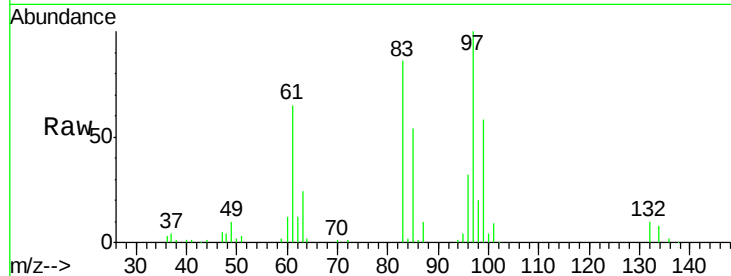
#55  
 1,1,2-Trichloroethane  
 Concen: 20.999 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0910SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 30171 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.9  | 68.1  | 102.1 |
| 85       | 54.1  | 45.3  | 67.9  |
| 99       | 58.4  | 50.0  | 75.0  |

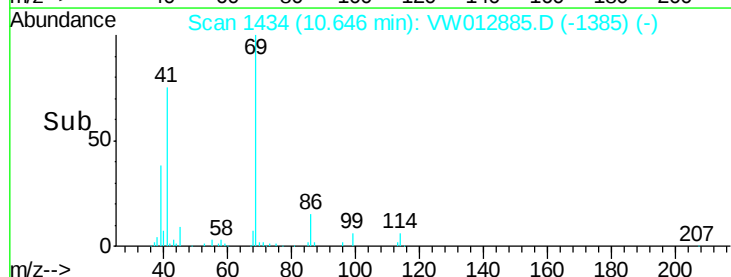
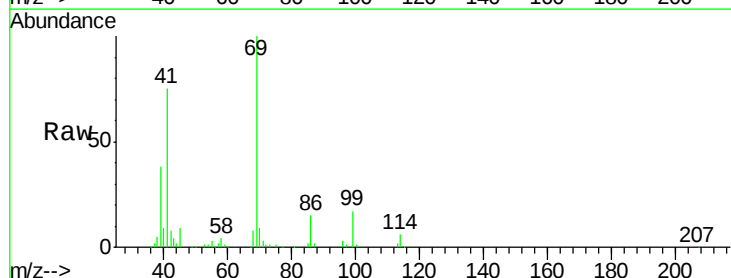
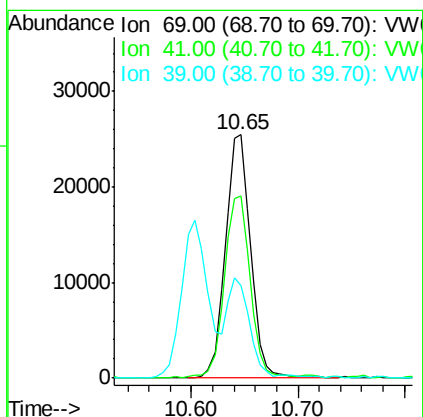
Manual Integrations  
 APPROVED

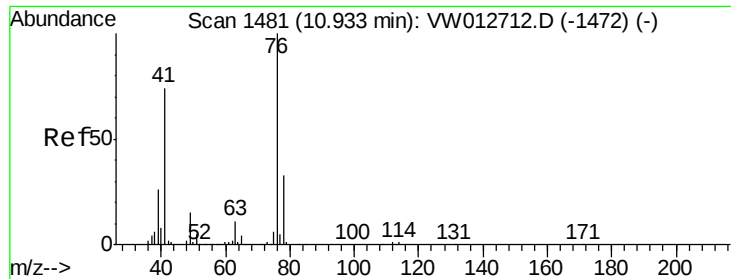
MMDadoda  
 9/11/2019 9:26:27 AM



#56  
 Ethyl methacrylate  
 Concen: 20.153 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 42385 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 77.0  | 64.4  | 96.6  |
| 39       | 37.0  | 31.1  | 46.7  |





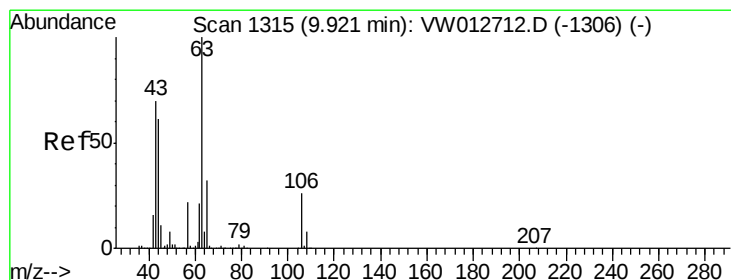
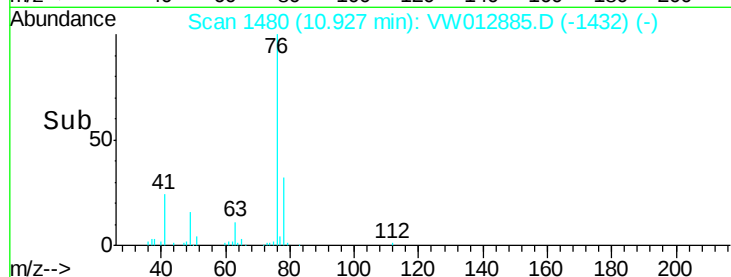
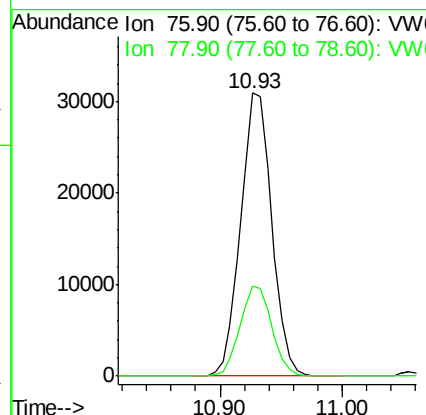
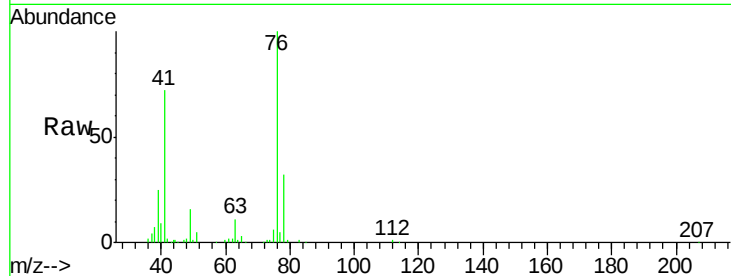
#57  
 1,3-Dichloropropane  
 Concen: 20.476 ug/l  
 RT: 10.93 min Scan# 1480  
 Delta R.T. -0.01 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0910SBS02

Tot Ion: 76 Resp: 54427  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 25.9 38.9

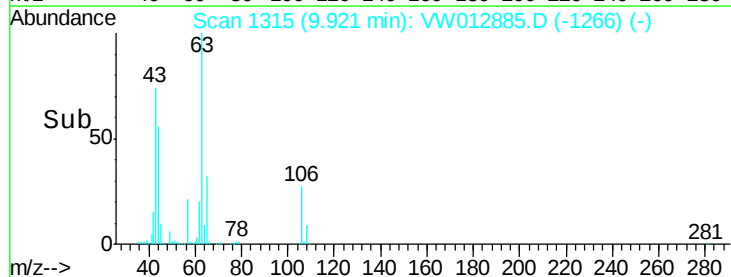
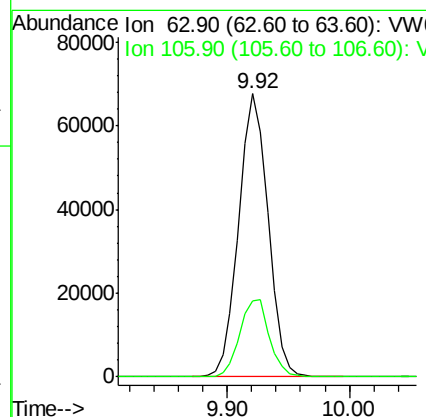
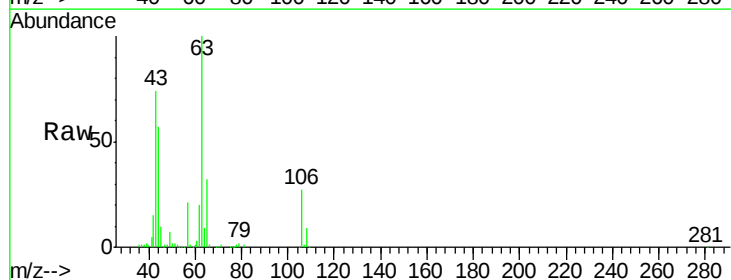
Manual Integrations  
 APPROVED

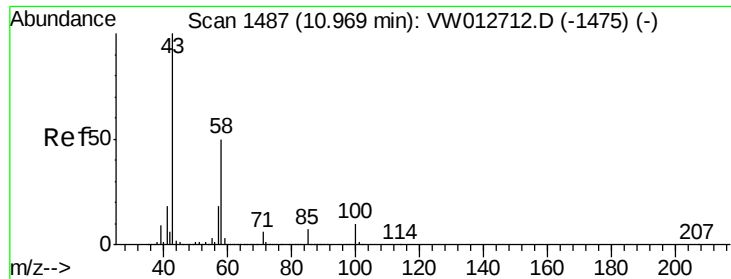
MMDadoda  
 9/11/2019 9:26:27 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 100.785 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

Tgt Ion: 63 Resp: 112530  
 Ion Ratio Lower Upper  
 63 100  
 106 27.6 20.5 30.7





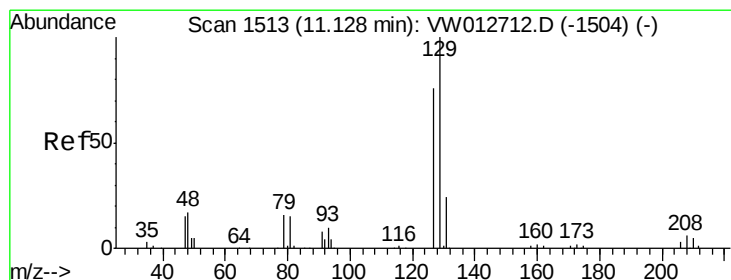
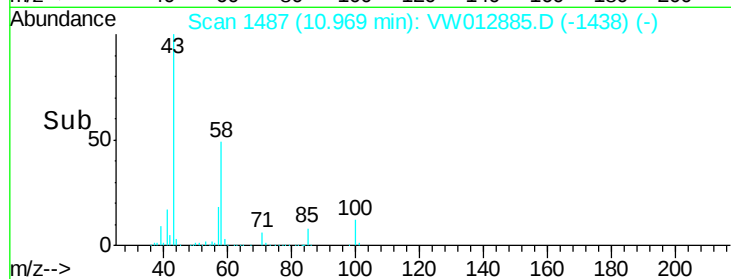
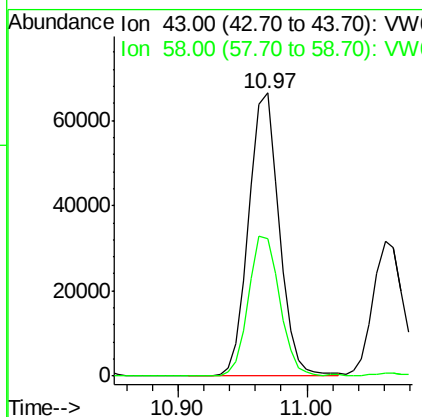
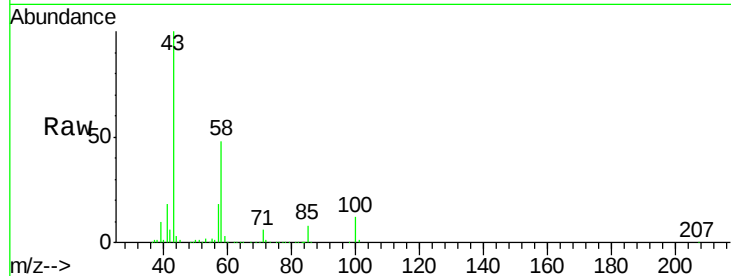
#59  
2-Hexanone  
Concen: 89.011 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

Tot Ion: 43 Resp: 108538  
Ion Ratio Lower Upper  
43 100  
58 51.0 24.7 74.1

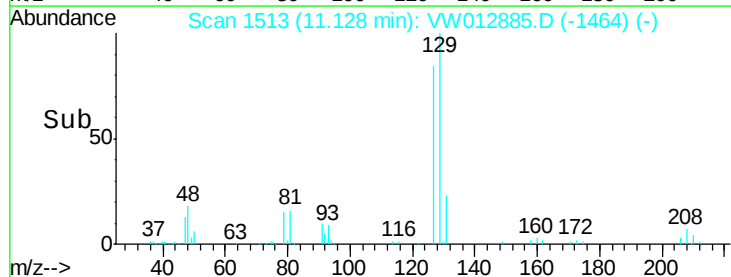
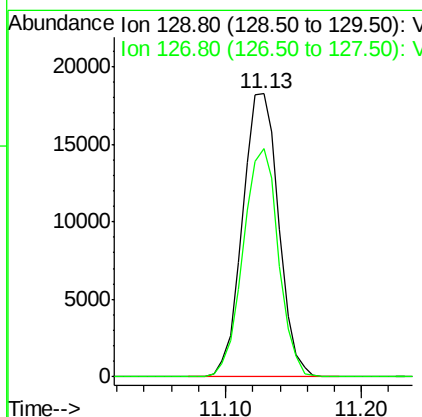
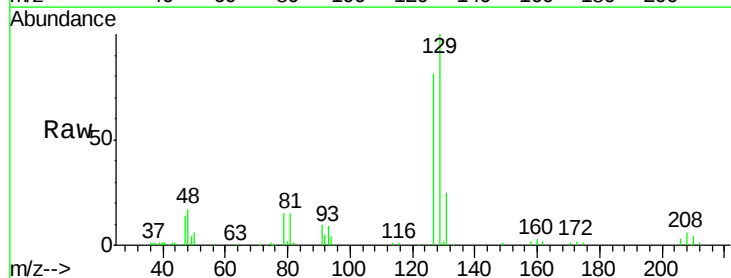
Manual Integrations  
APPROVED

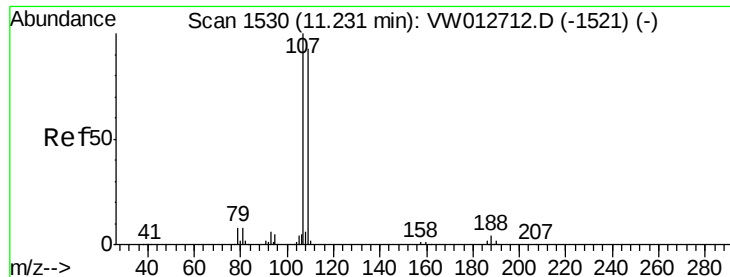
MMDadoda  
9/11/2019 9:26:27 AM



#60  
Dibromochloromethane  
Concen: 20.148 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Tgt Ion: 129 Resp: 34046  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.447 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion: 107 Resp: 28251

Ion Ratio Lower Upper

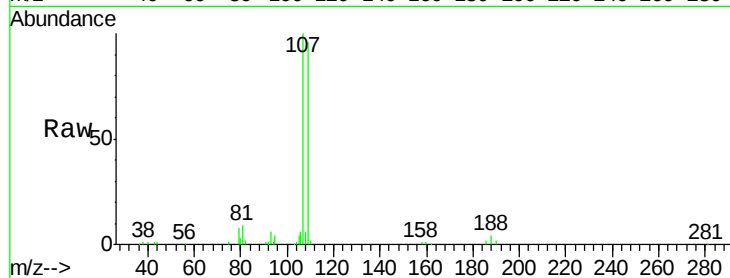
107 100

109 98.0 75.0 112.6

Manual Integrations  
APPROVED

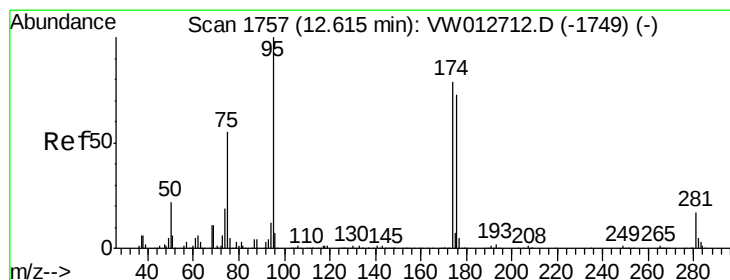
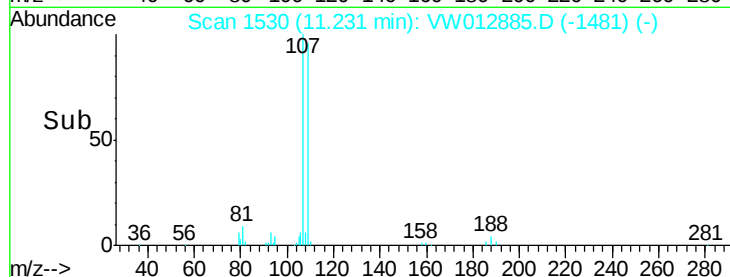
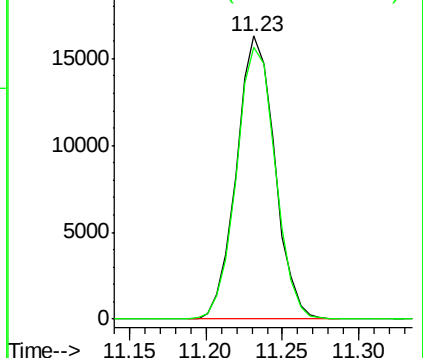
MMDadoda

9/11/2019 9:26:27 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.232 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

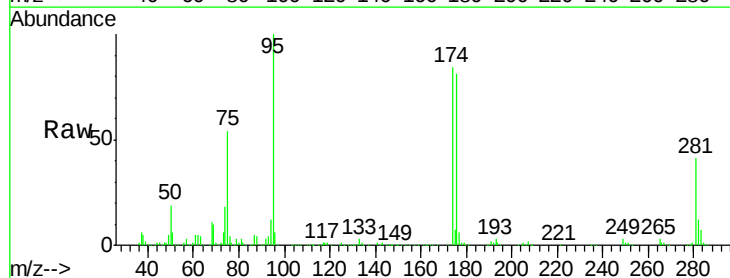
Tgt Ion: 95 Resp: 133420

Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.0

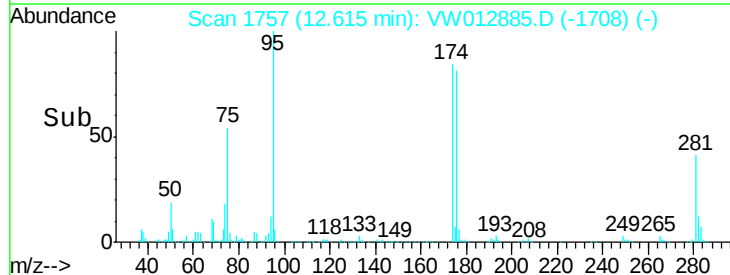
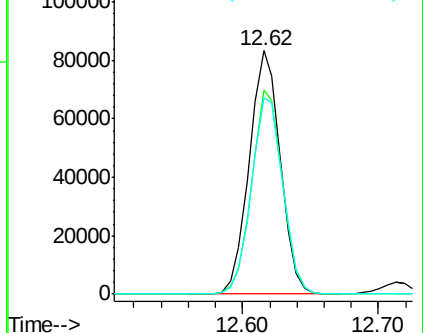
176 82.0 0.0 156.4

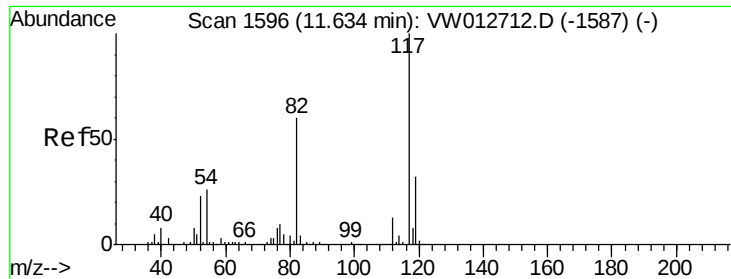


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





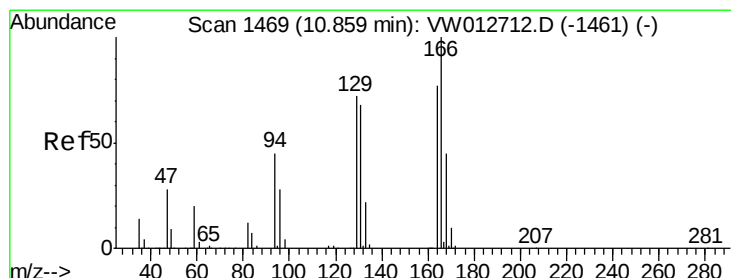
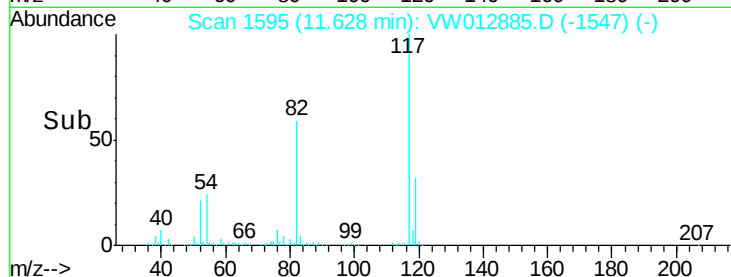
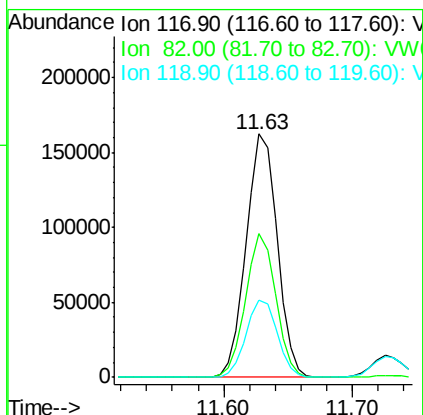
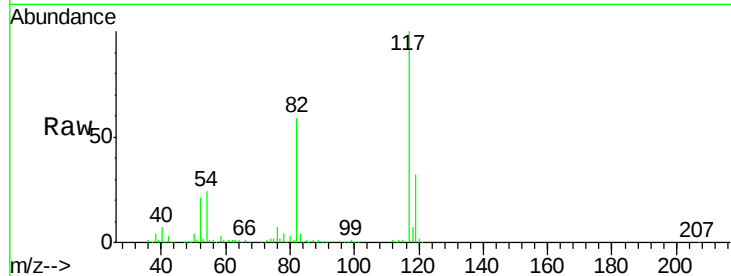
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 270185 |       |       |
| 82      | 59.1  | 48.2   | 72.4  |       |
| 119     | 31.8  | 25.8   | 38.6  |       |

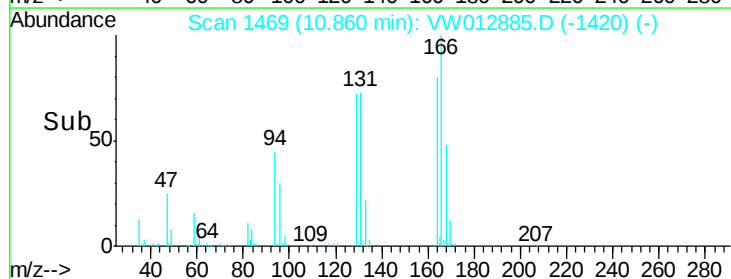
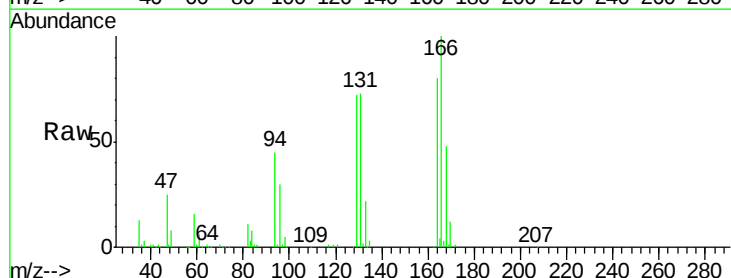
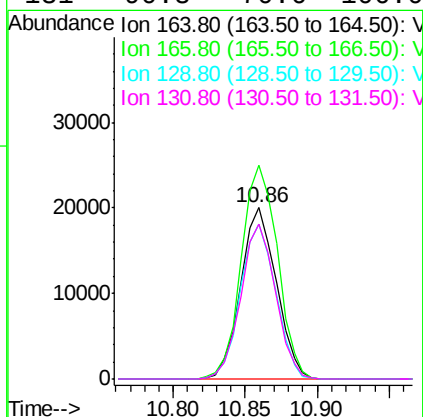
Manual Integrations  
APPROVED

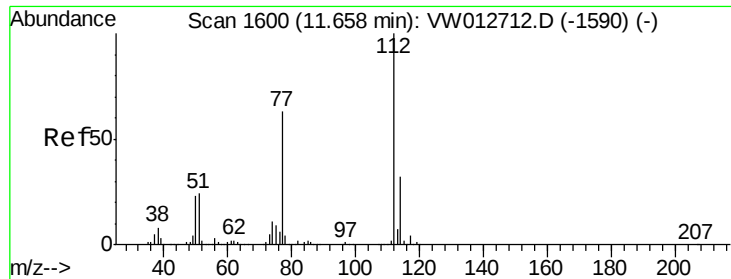
MMDadoda  
9/11/2019 9:26:27 AM



#64  
Tetrachloroethene  
Concen: 20.905 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 34272 |       |       |
| 166     | 124.9 | 103.6 | 155.4 |       |
| 129     | 90.4  | 74.6  | 112.0 |       |
| 131     | 90.8  | 70.6  | 106.0 |       |





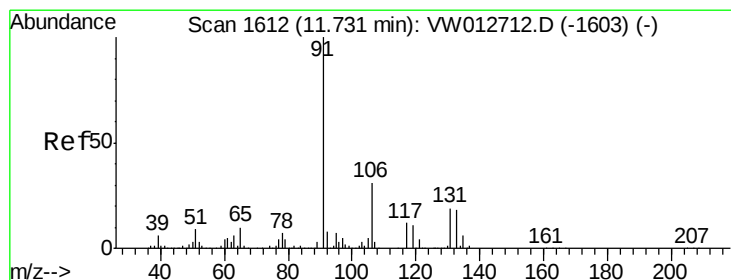
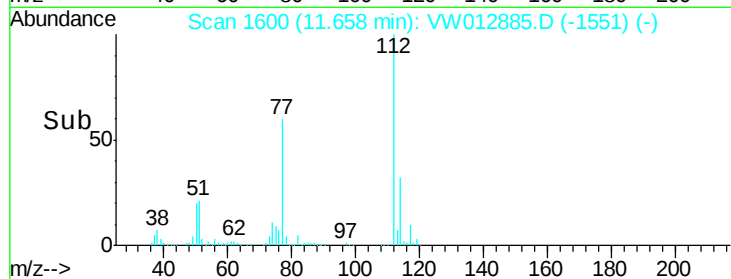
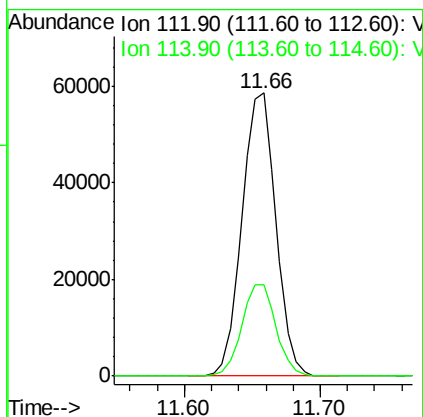
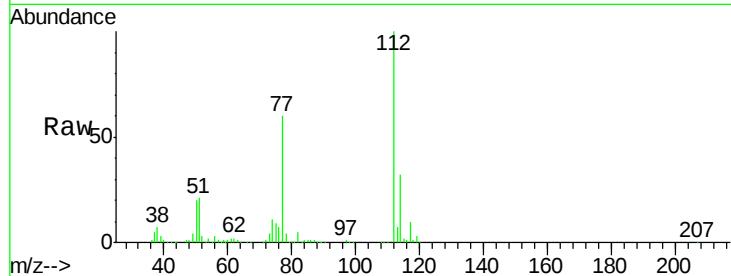
#65  
Chlorobenzene  
Concen: 19.972 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.5  | 25.3  | 37.9  |

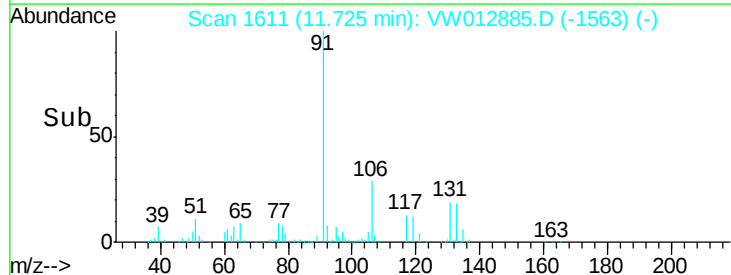
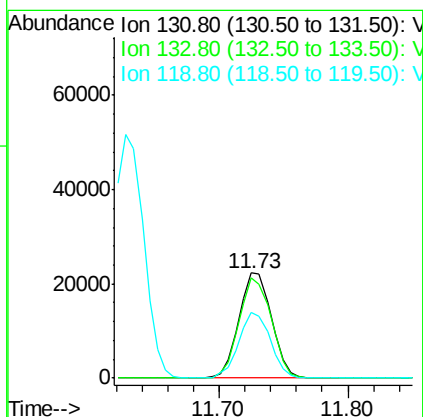
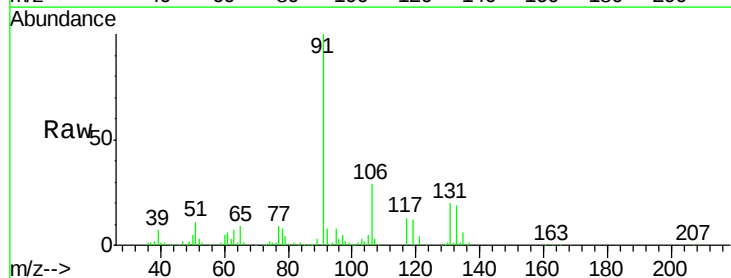
Manual Integrations  
APPROVED

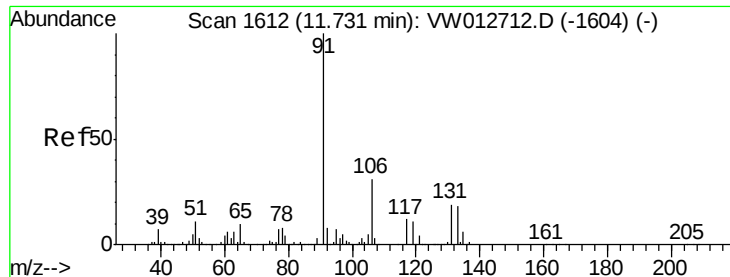
MMDadoda  
9/11/2019 9:26:27 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.576 ug/l  
RT: 11.73 min Scan# 1611  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.5  | 47.6  | 142.8 |
| 119     | 61.0  | 30.6  | 92.0  |





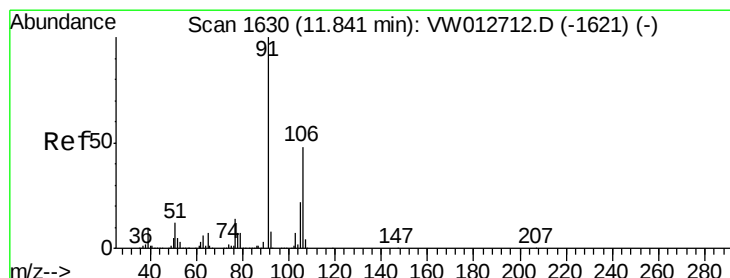
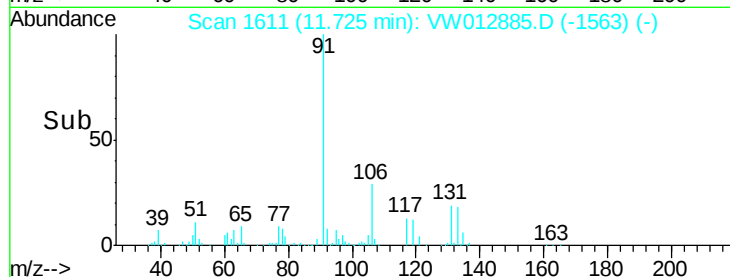
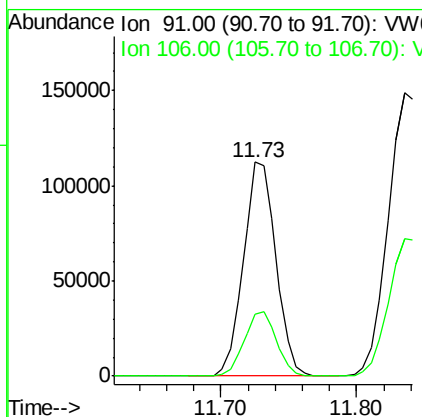
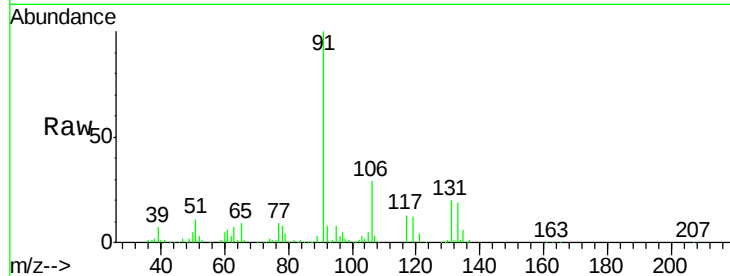
#67  
Ethyl Benzene  
Concen: 19.566 ug/l  
RT: 11.73 min Scan# 1611  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

Tot Ion: 91 Resp: 187469  
Ion Ratio Lower Upper  
91 100  
106 29.2 24.4 36.6

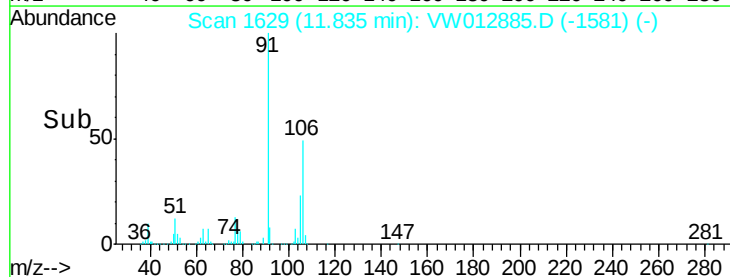
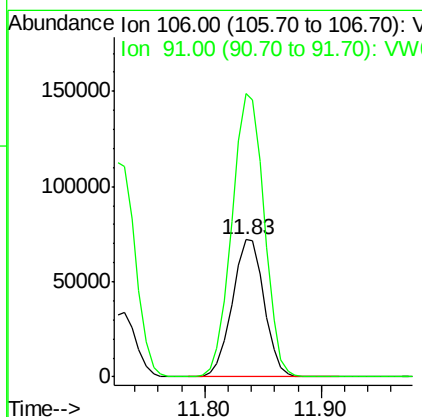
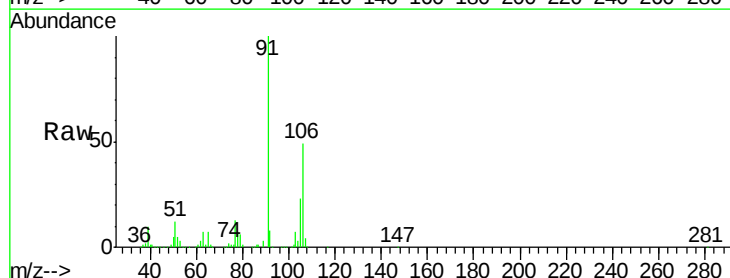
Manual Integrations  
APPROVED

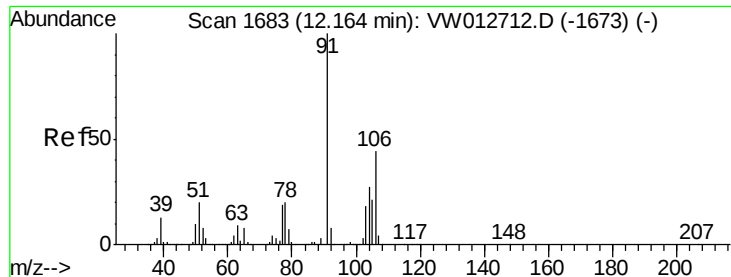
MMDadoda  
9/11/2019 9:26:27 AM



#68  
m/p-Xylenes  
Concen: 39.752 ug/l  
RT: 11.83 min Scan# 1629  
Delta R.T. -0.01 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Tgt Ion: 106 Resp: 137477  
Ion Ratio Lower Upper  
106 100  
91 208.8 168.2 252.4





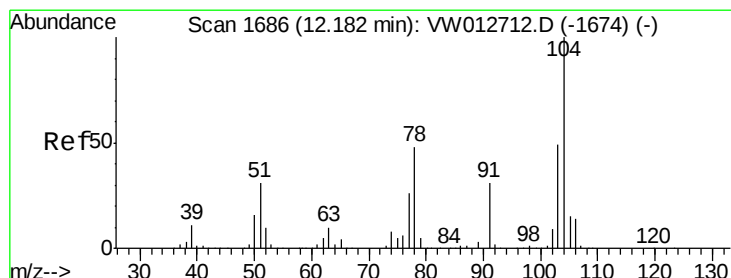
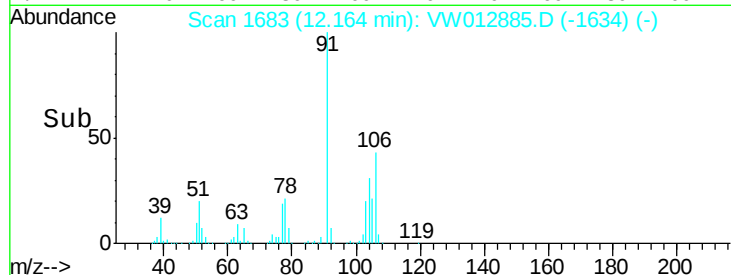
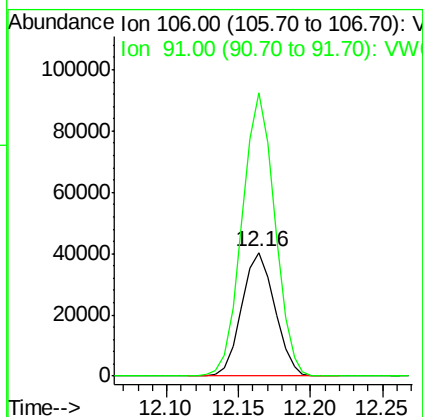
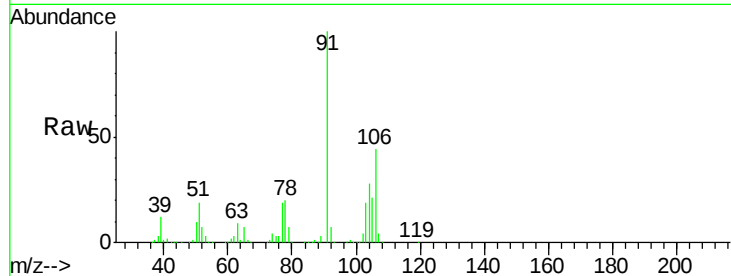
#69  
o-Xylene  
Concen: 19.751 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0910SBS02

Tot Ion:106 Resp: 64442  
Ion Ratio Lower Upper  
106 100  
91 225.5 112.3 336.8

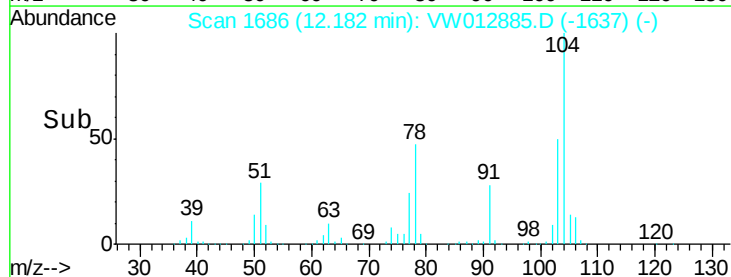
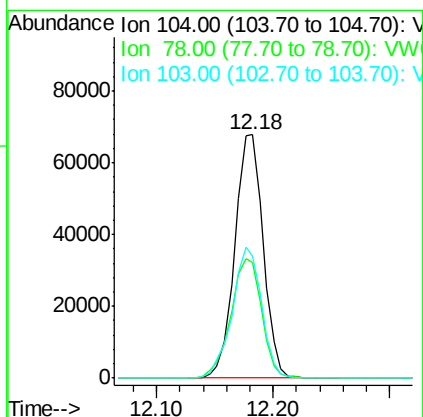
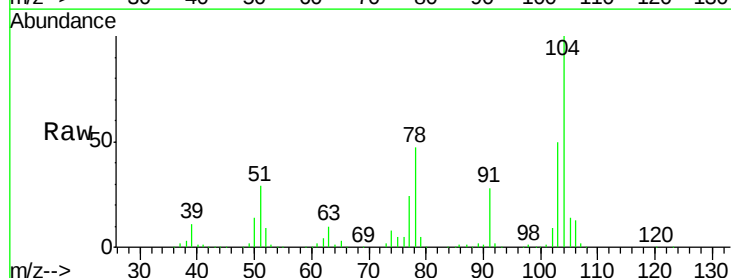
Manual Integrations  
APPROVED

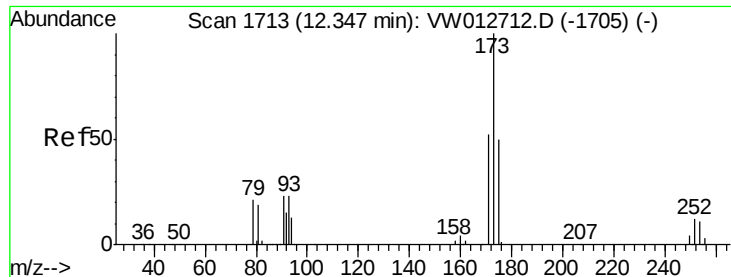
MMDadoda  
9/11/2019 9:26:27 AM



#70  
Styrene  
Concen: 19.993 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Tgt Ion:104 Resp: 115268  
Ion Ratio Lower Upper  
104 100  
78 52.9 43.3 64.9  
103 55.6 44.0 66.0





#71

Bromoform

Concen: 19.351 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion:173 Resp: 20446

Ion Ratio Lower Upper

173 100

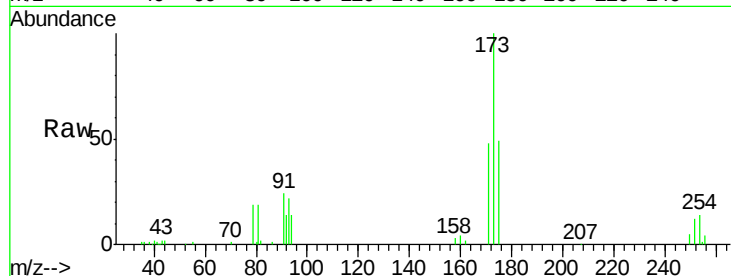
175 49.4 24.8 74.3

254 0.1 0.1 0.1#

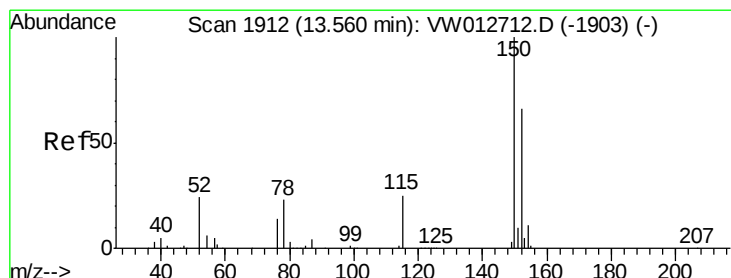
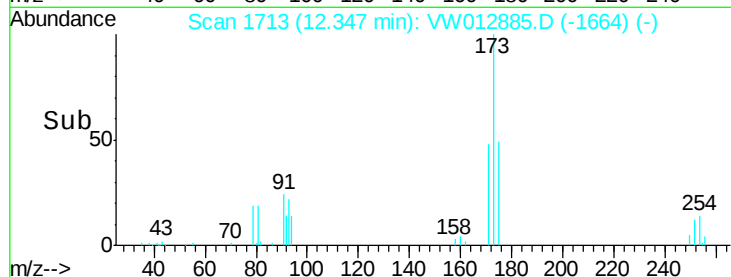
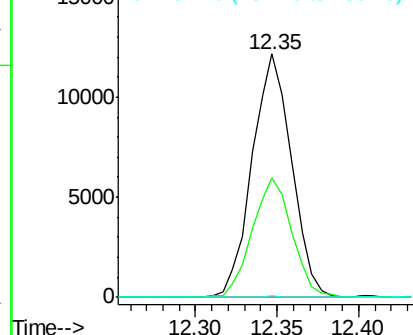
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

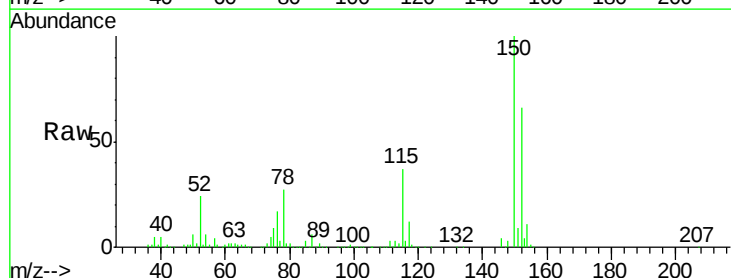
Tgt Ion:152 Resp: 137897

Ion Ratio Lower Upper

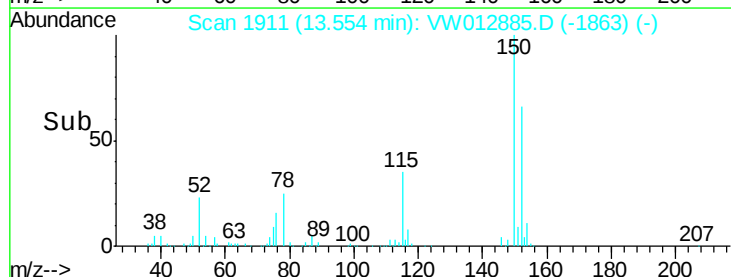
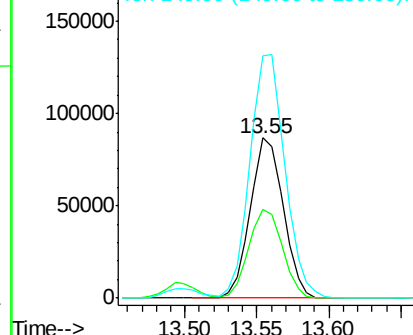
152 100

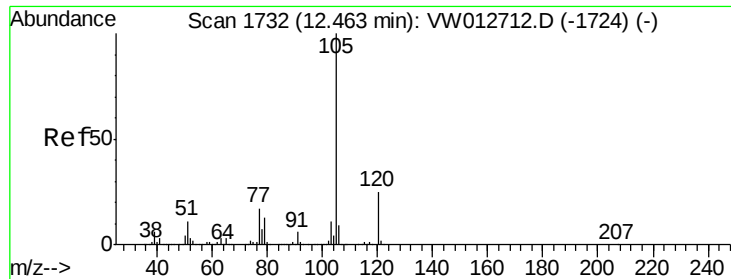
115 56.5 30.0 90.1

150 160.5 0.0 349.0



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: 18.708 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion:105 Resp: 185029

Ion Ratio Lower Upper

105 100

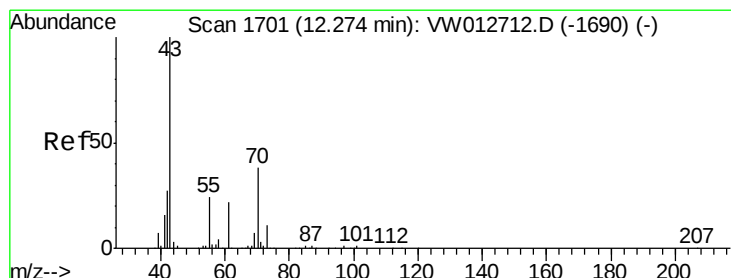
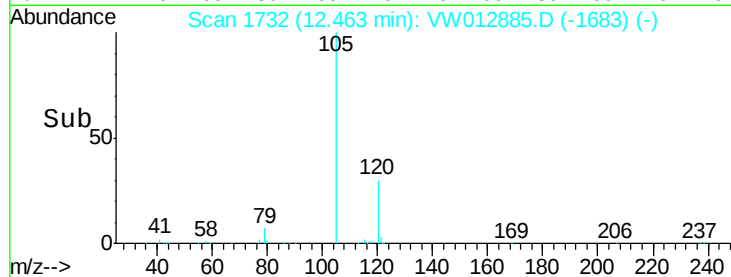
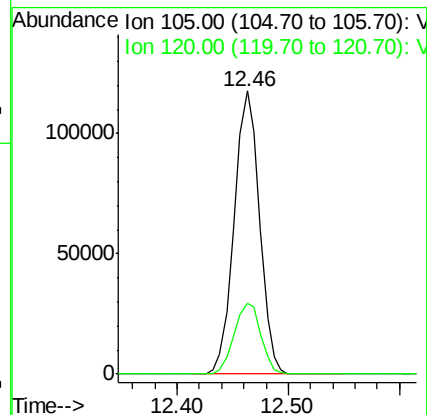
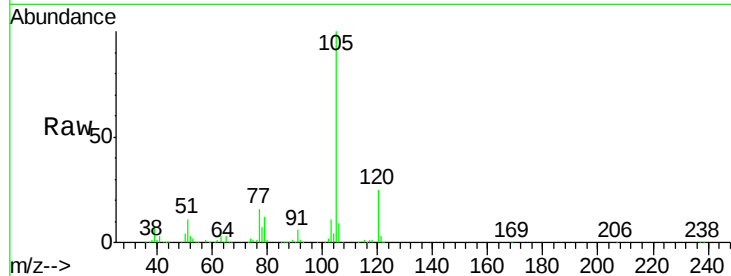
120 26.5 13.0 38.9

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#74

N-ethyl acetate

Concen: 16.749 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Tgt Ion: 43 Resp: 52580

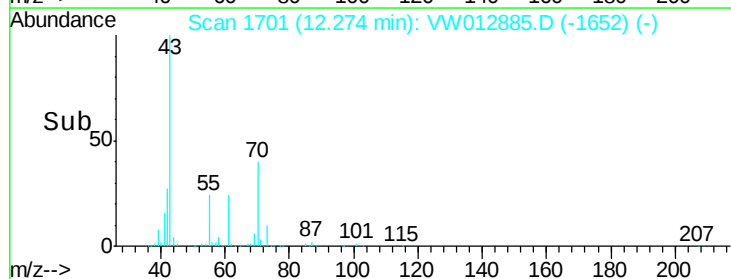
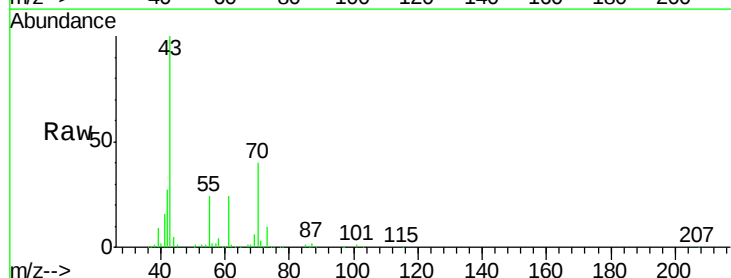
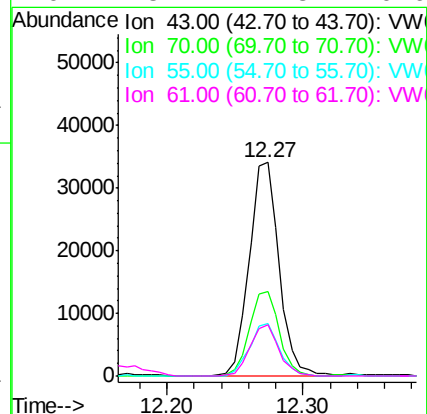
Ion Ratio Lower Upper

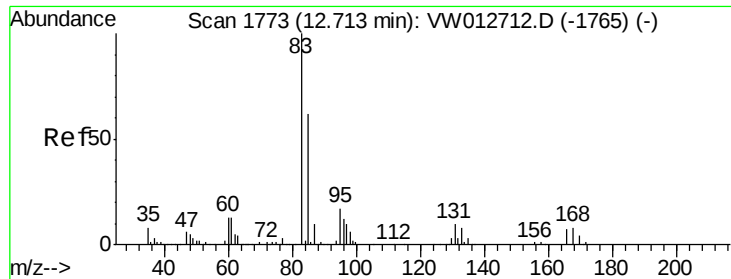
43 100

70 39.4 29.4 44.0

55 24.5 18.6 27.8

61 23.4 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.786 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

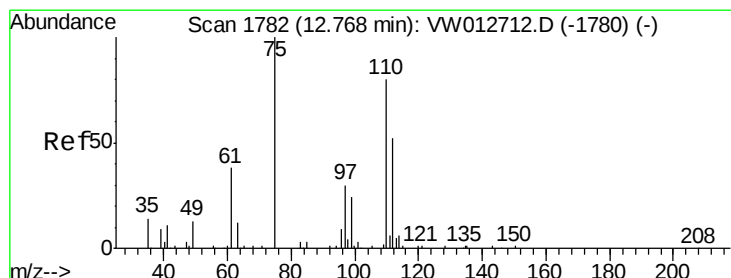
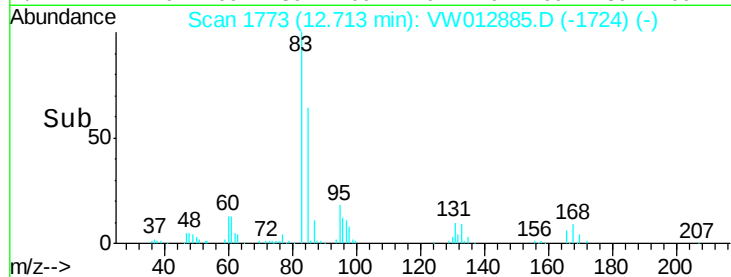
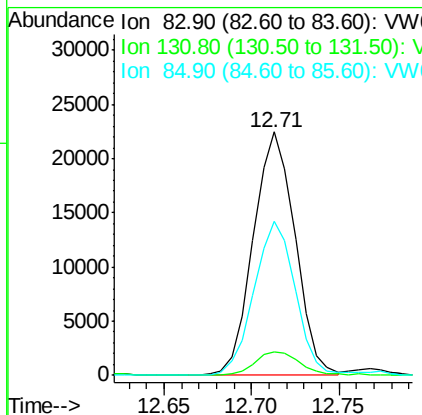
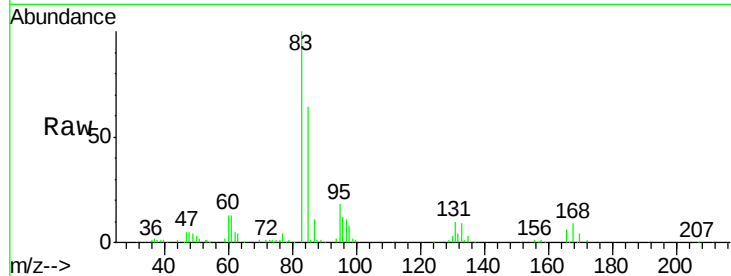
ClientSampleId :

VW0910SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 37315 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.8  | 5.1   | 15.4  |
| 85        | 62.8  | 31.4  | 94.2  |

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#76

1,2,3-Trichloropropane

Concen: 21.379 ug/l m

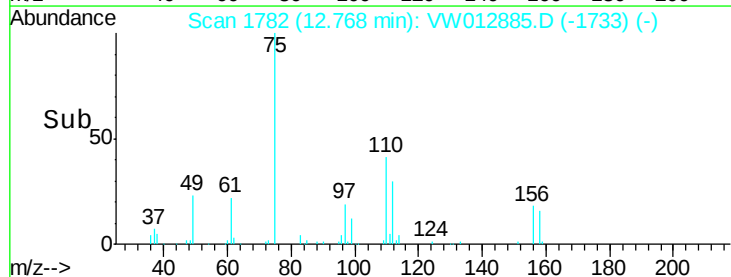
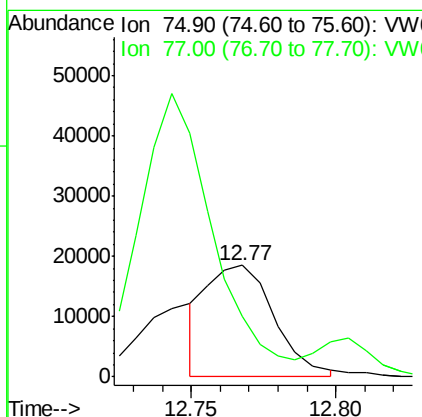
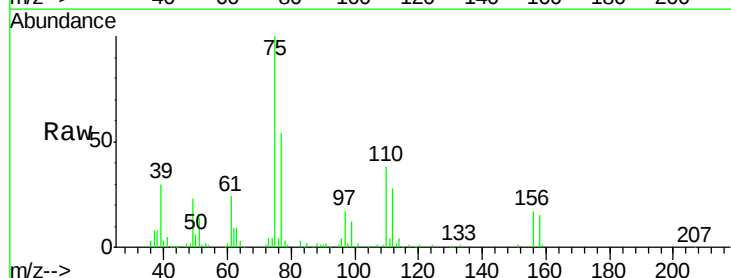
RT: 12.77 min Scan# 1782

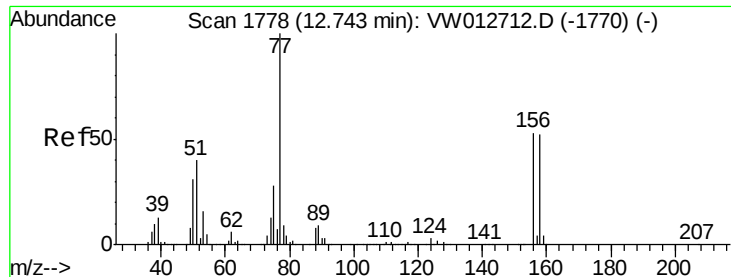
Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 30145 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.101 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion:156 Resp: 45042

Ion Ratio Lower Upper

156 100

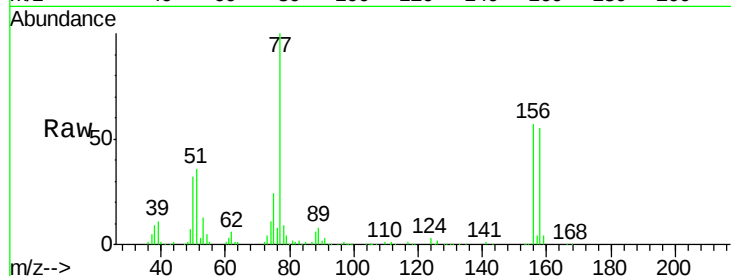
77 186.8 102.3 306.9

158 95.3 48.9 146.8

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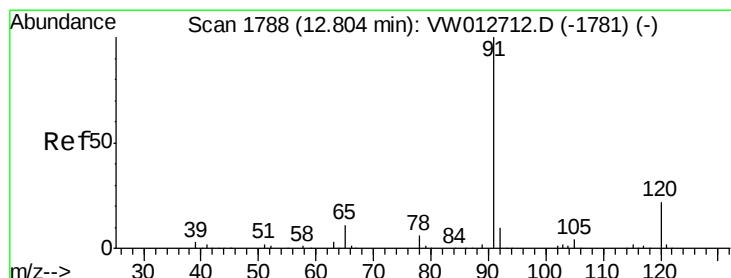
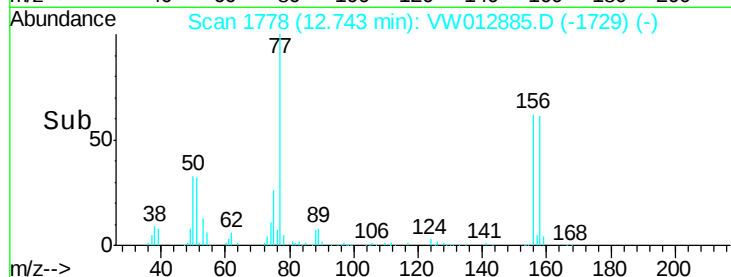
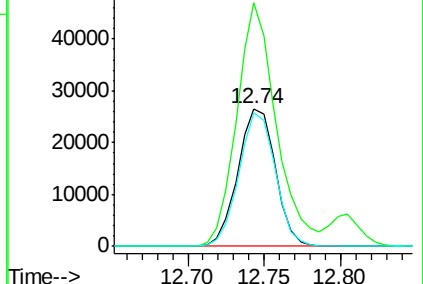
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.352 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012885.D

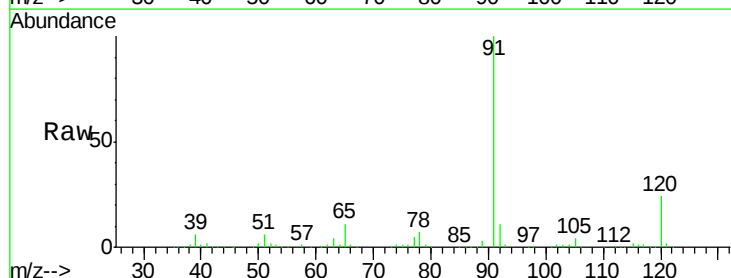
Acq: 10 Sep 2019 23:18

Tgt Ion: 91 Resp: 217083

Ion Ratio Lower Upper

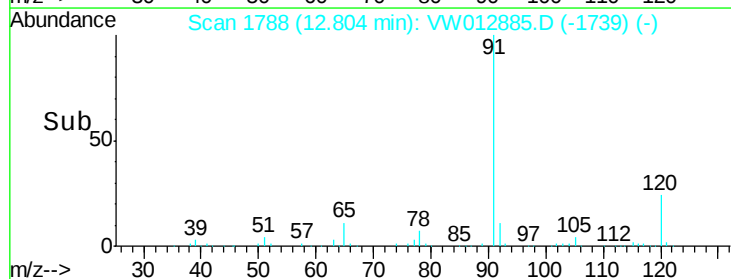
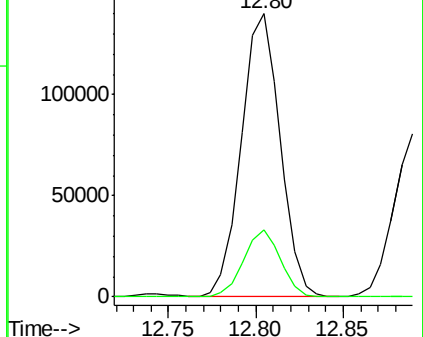
91 100

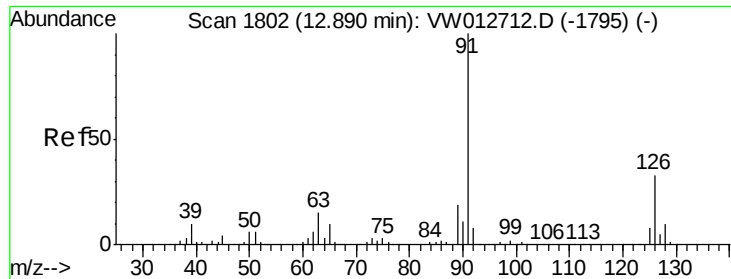
120 22.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.718 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012885.D

Acq: 10 Sep 2019 23:18

Instrument :

MSVOA\_W

ClientSampleId :

VW0910SBS02

Tot Ion: 91 Resp: 127109

Ion Ratio Lower Upper

91 100

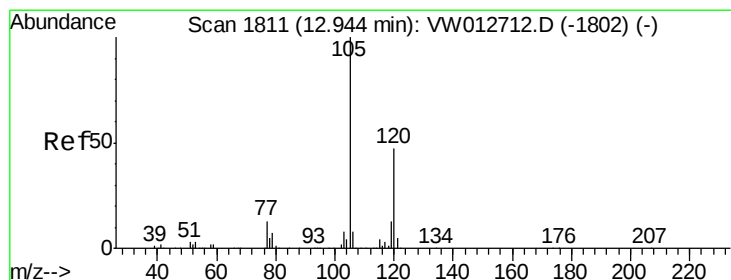
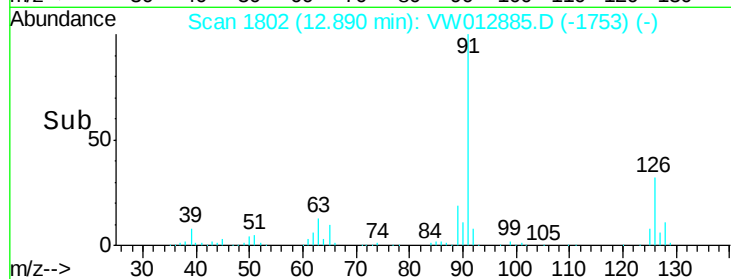
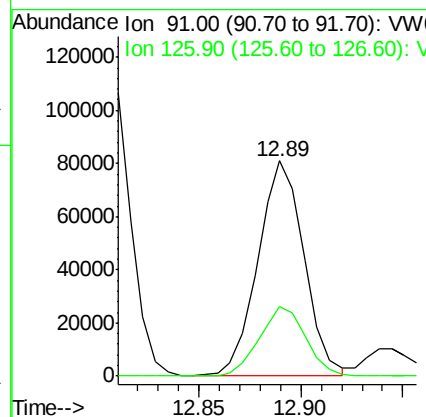
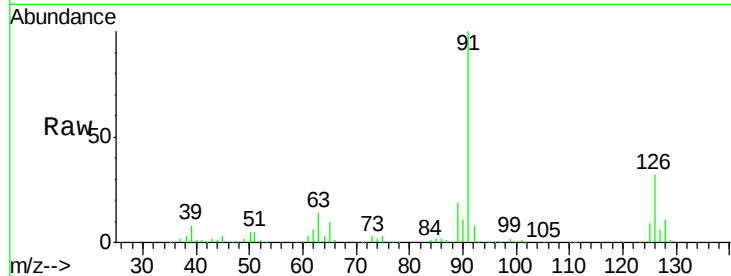
126 32.7 16.1 48.3

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#80

1,3,5-Trimethylbenzene

Concen: 18.974 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012885.D

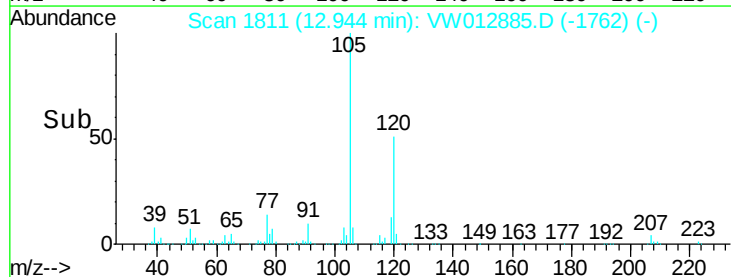
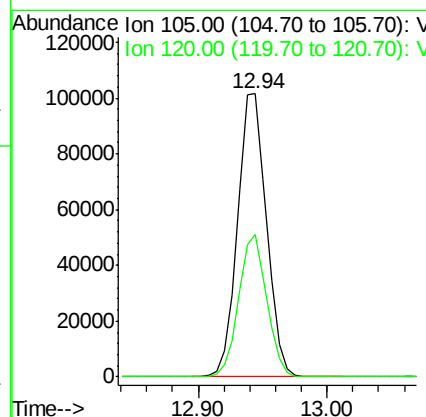
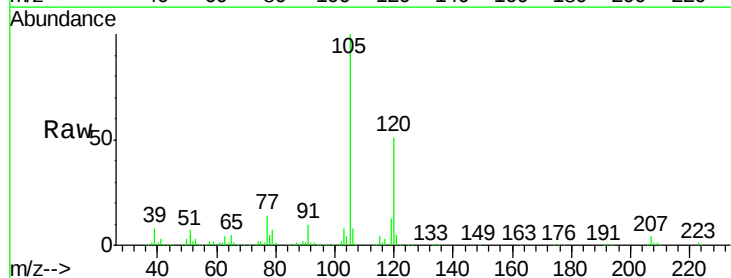
Acq: 10 Sep 2019 23:18

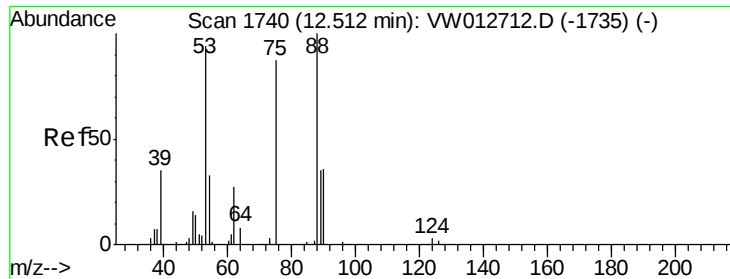
Tgt Ion: 105 Resp: 158130

Ion Ratio Lower Upper

105 100

120 49.0 23.9 71.8





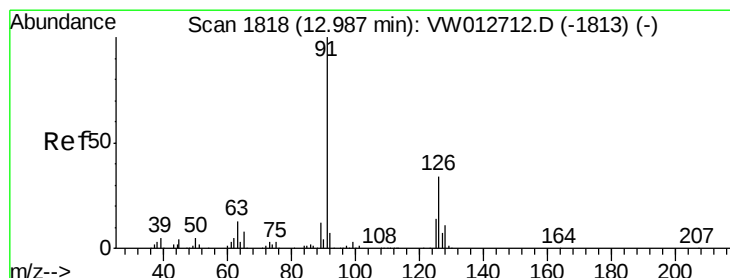
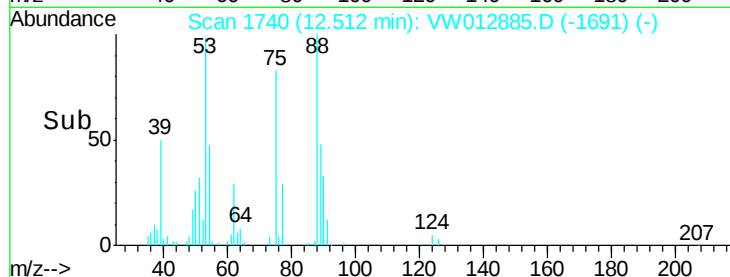
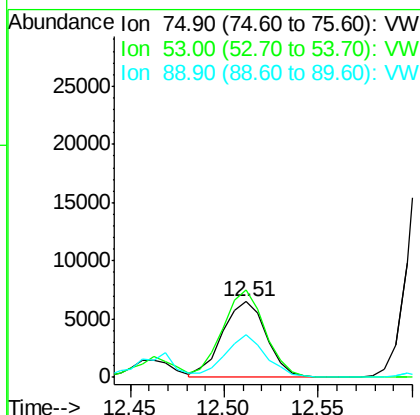
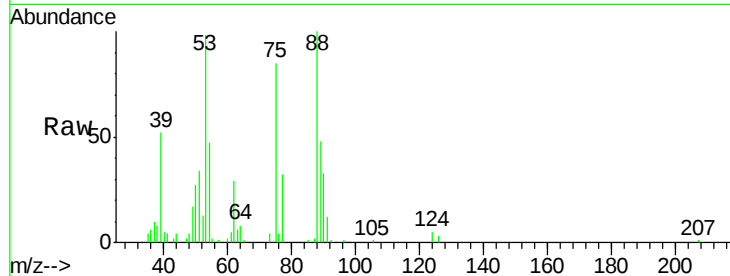
#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.901 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 111.4 | 87.6  | 131.4 |
| 89      | 51.1  | 35.5  | 53.3  |

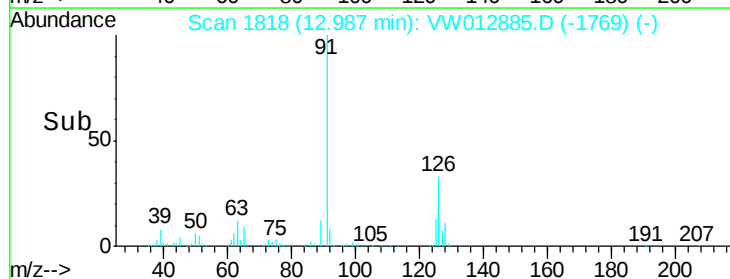
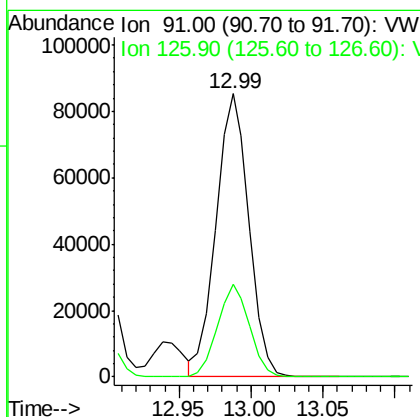
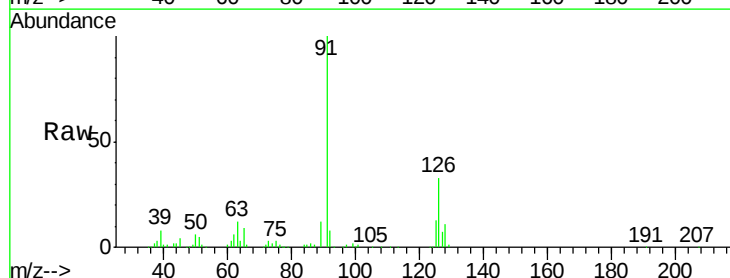
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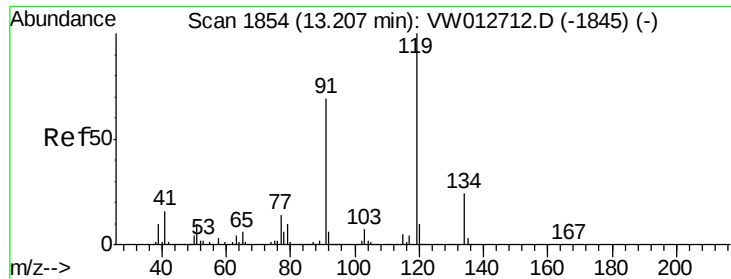
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#82  
4-Chlorotoluene  
Concen: 18.836 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.1  | 15.9  | 47.6  |





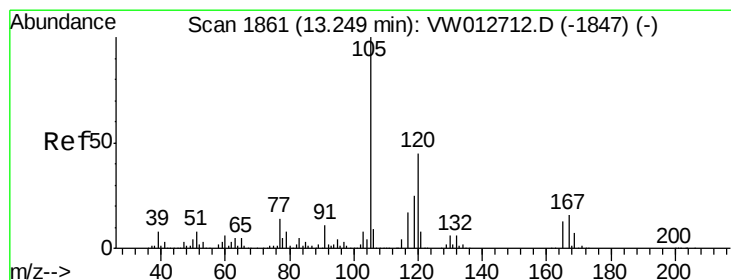
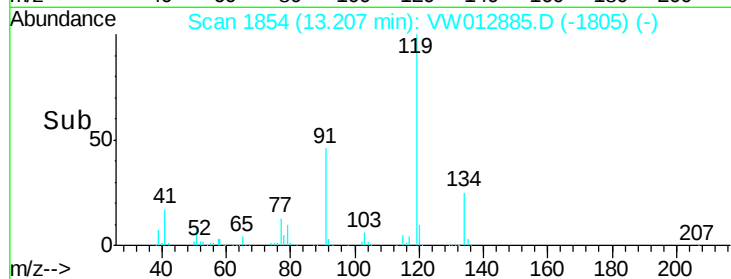
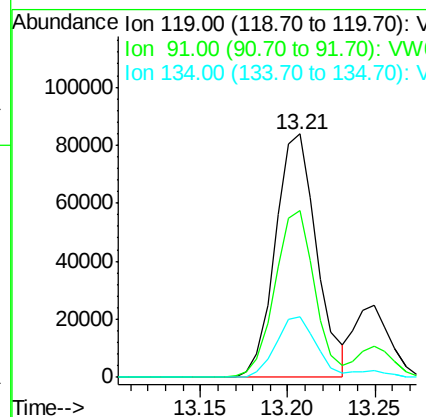
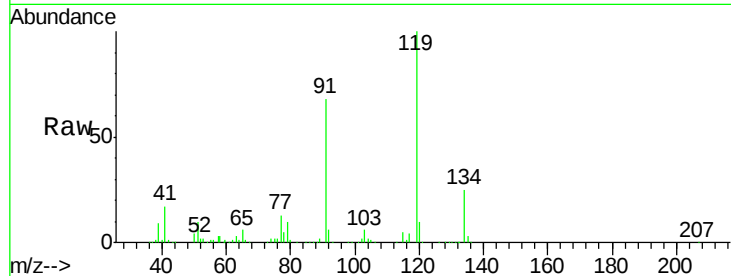
#83  
tert-Butylbenzene  
Concen: 18.763 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 65.9  | 34.2  | 102.5 |
| 134     | 24.6  | 12.3  | 36.9  |

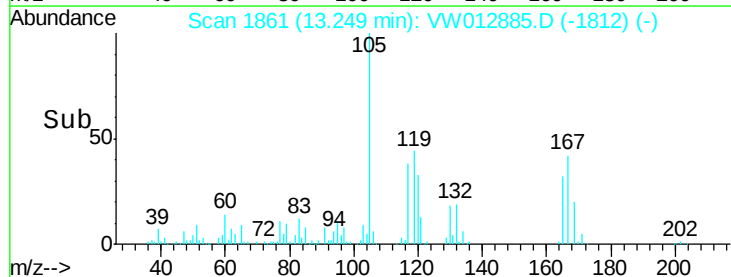
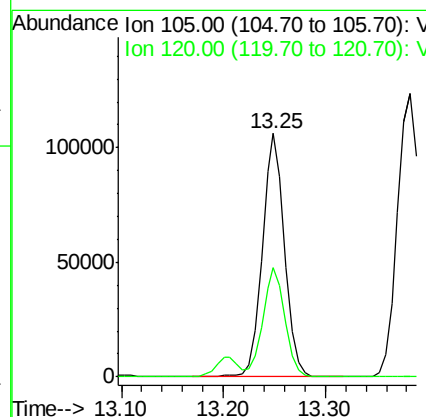
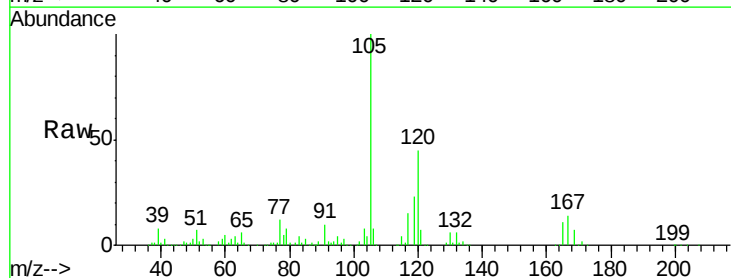
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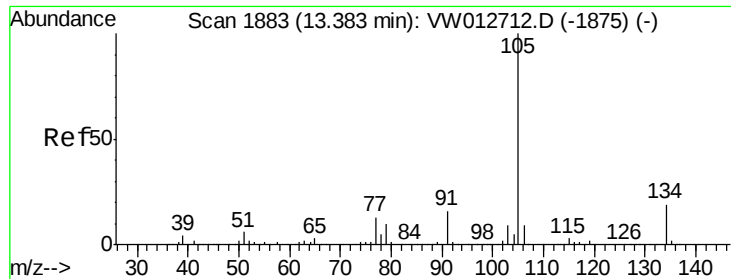
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#84  
1,2,4-Trimethylbenzene  
Concen: 19.171 ug/l  
RT: 13.25 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.7  | 22.1  | 66.3  |





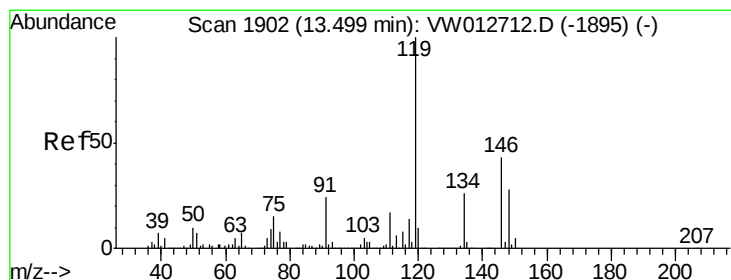
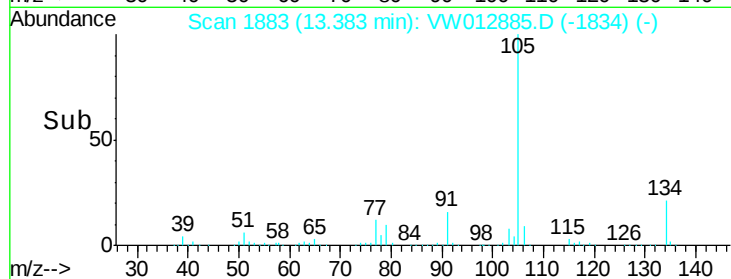
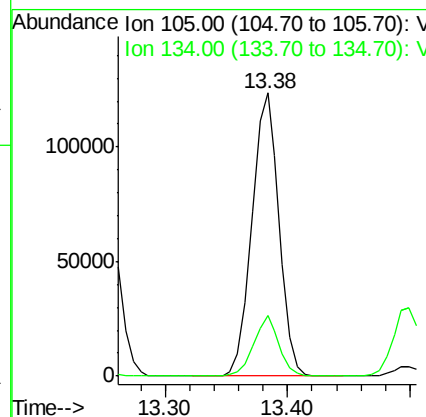
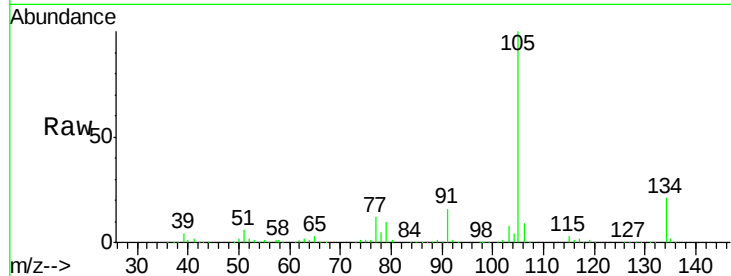
#85  
 sec-Butylbenzene  
 Concen: 18.556 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0910SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 189745 |       |       |
| 134     | 20.0  | 9.8    | 29.3  |       |

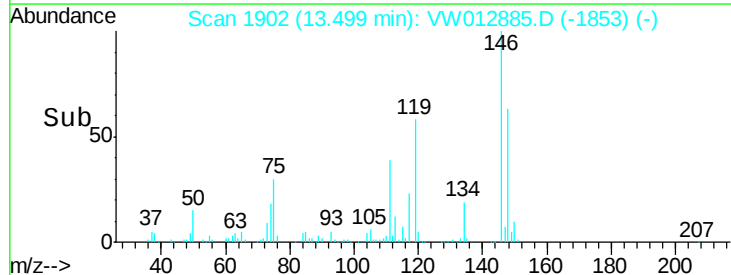
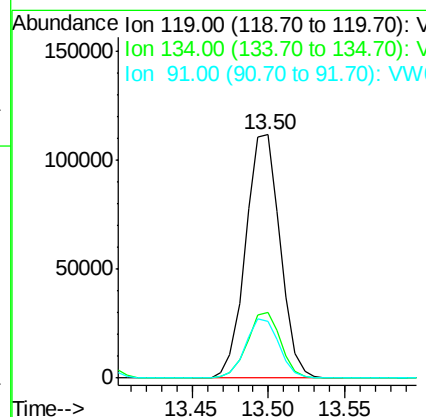
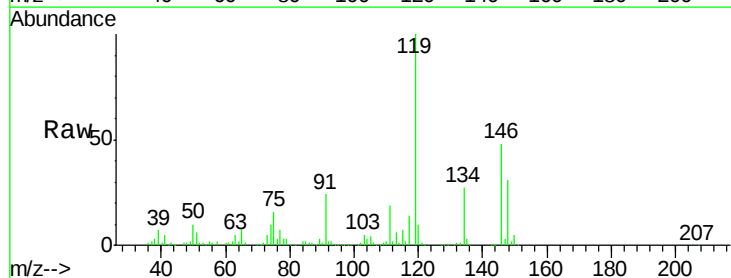
Manual Integrations  
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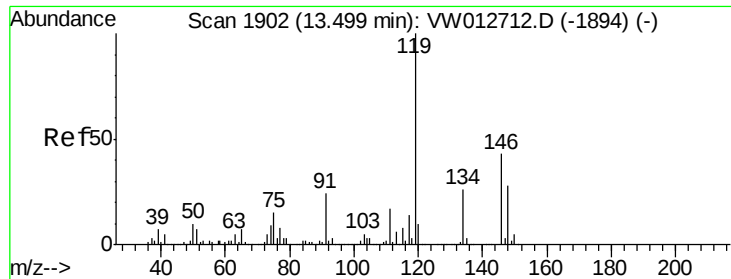
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 9/11/2019 9:26:27 AM



#86  
 p-Isopropyltoluene  
 Concen: 18.726 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 174901 |       |       |
| 134     | 26.1  | 12.7   | 38.1  |       |
| 91      | 23.8  | 12.2   | 36.6  |       |





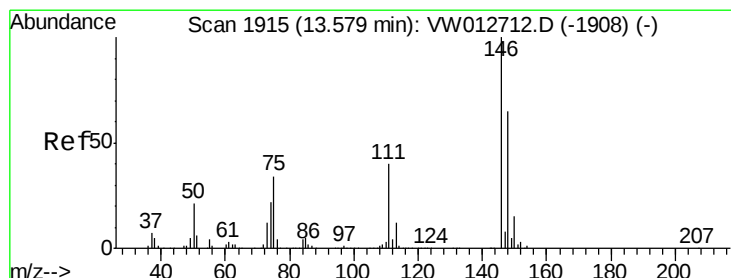
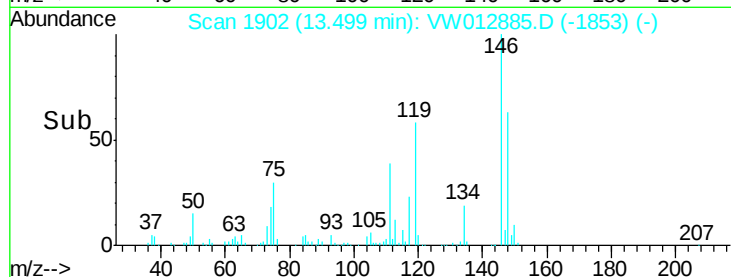
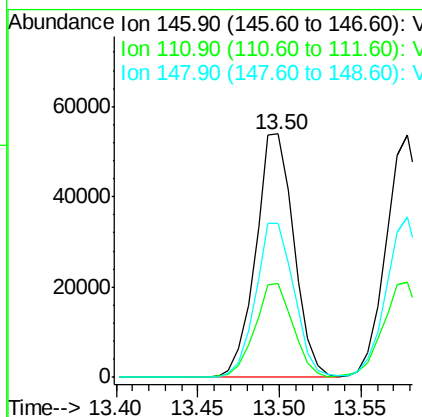
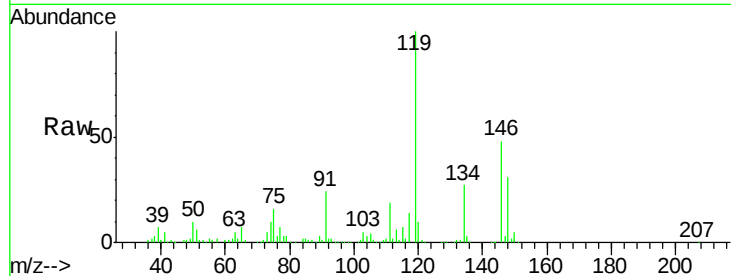
#87  
 1,3-Dichlorobenzene  
 Concen: 19.882 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 20.4  | 61.2  |
| 148     | 64.0  | 31.8  | 95.4  |

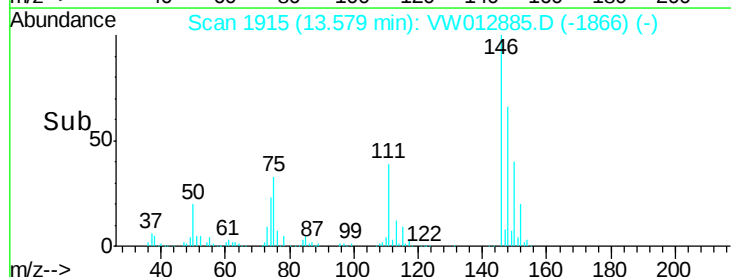
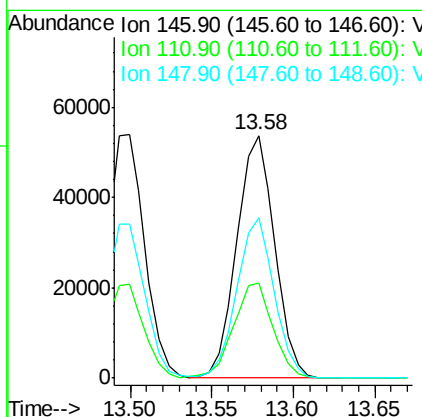
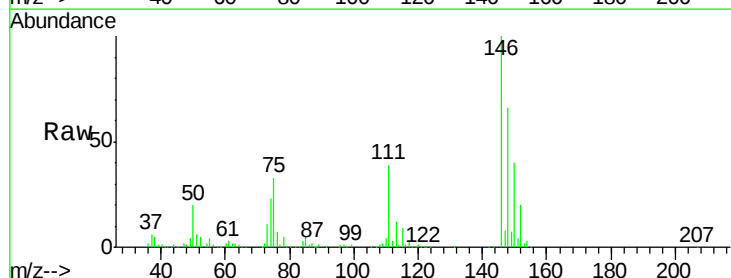
Manual Integrations  
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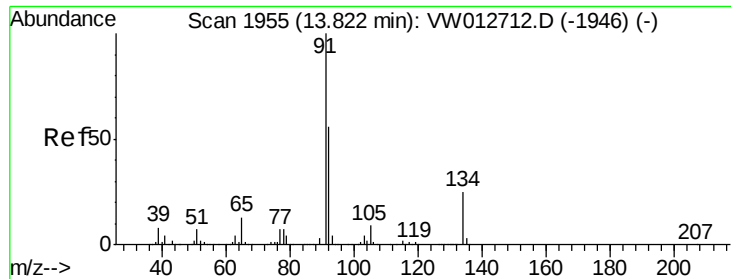
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#88  
 1,4-Dichlorobenzene  
 Concen: 19.842 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.0  | 60.0  |
| 148     | 65.1  | 32.2  | 96.6  |





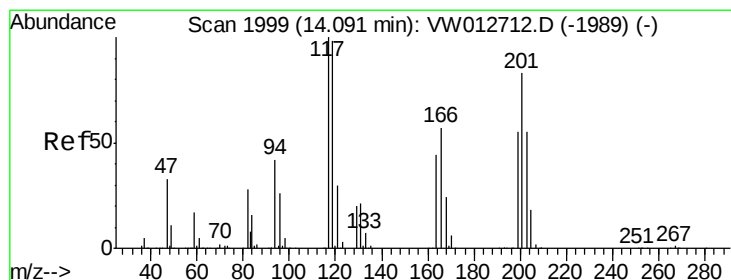
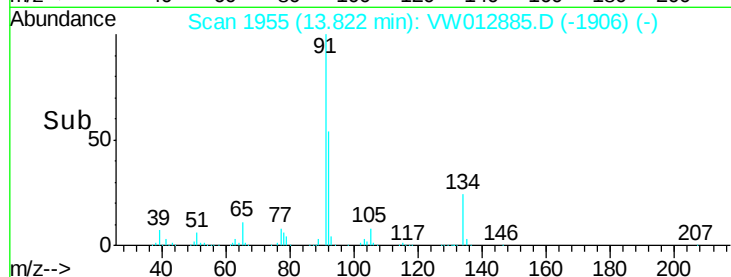
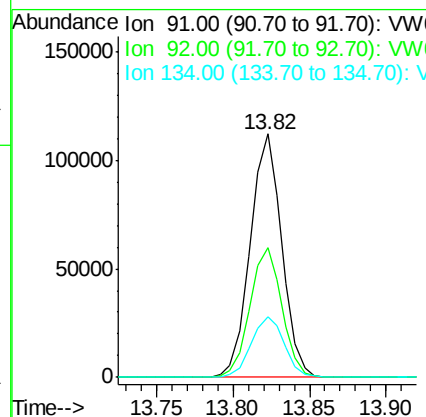
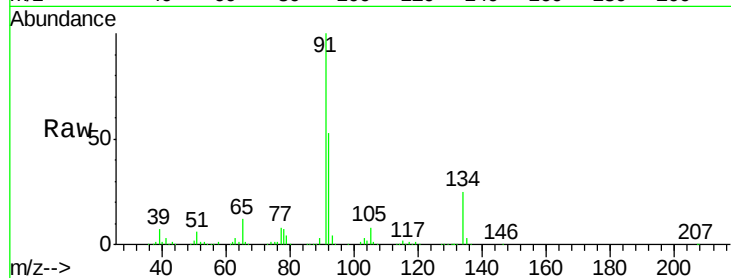
#89  
n-Butylbenzene  
Concen: 17.738 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.0  | 27.2  | 81.5  |
| 134     | 26.0  | 12.7  | 38.1  |

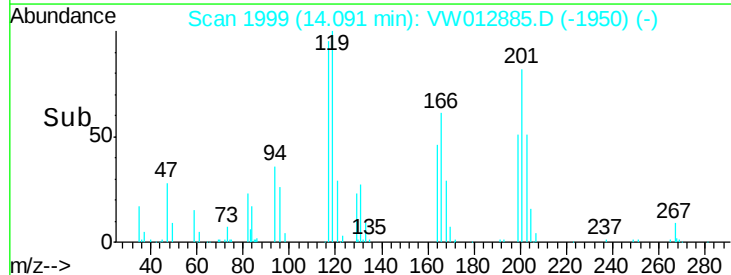
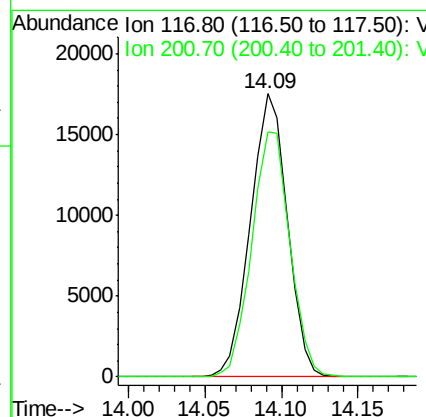
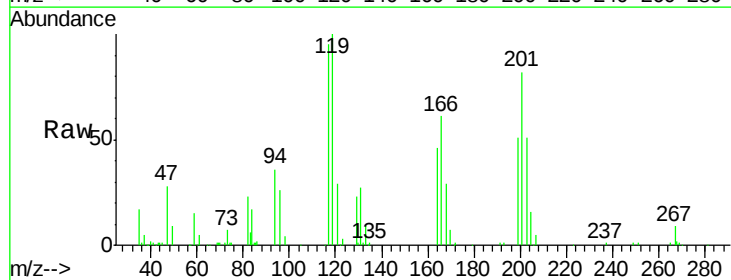
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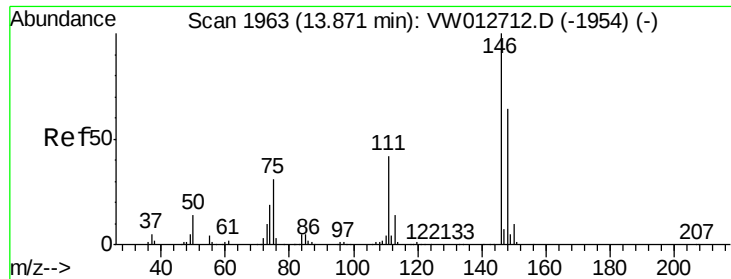
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#90  
Hexachloroethane  
Concen: 18.050 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.4  | 42.8  | 128.4 |





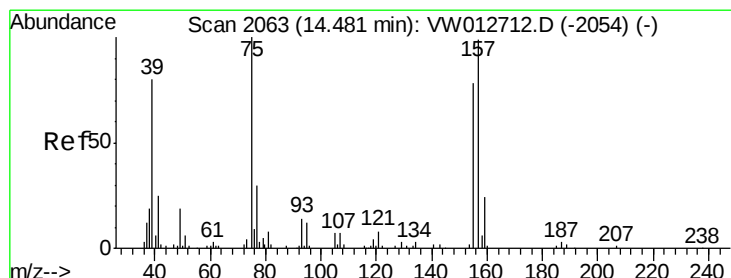
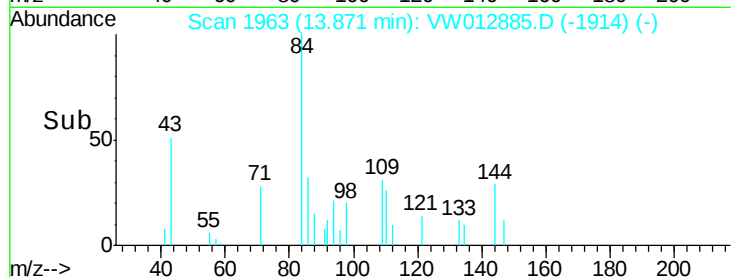
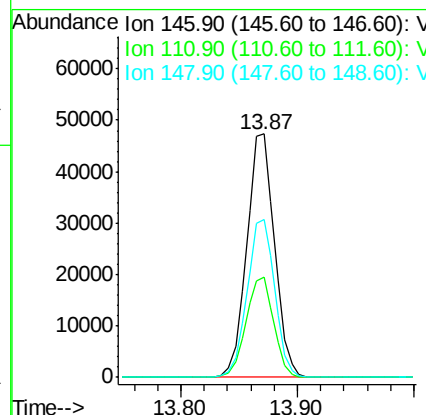
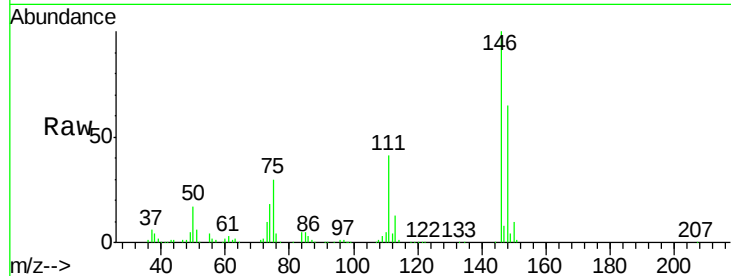
#91  
 1,2-Dichlorobenzene  
 Concen: 19.894 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.9  | 21.3  | 63.9  |
| 148     | 64.4  | 32.1  | 96.5  |

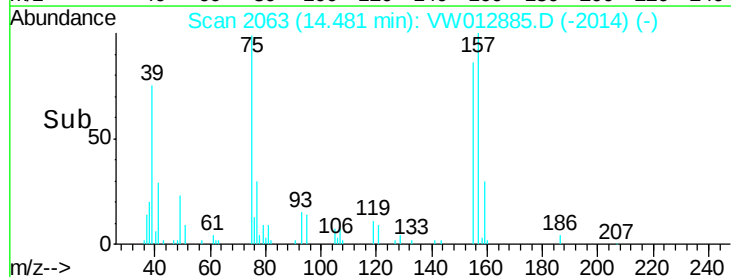
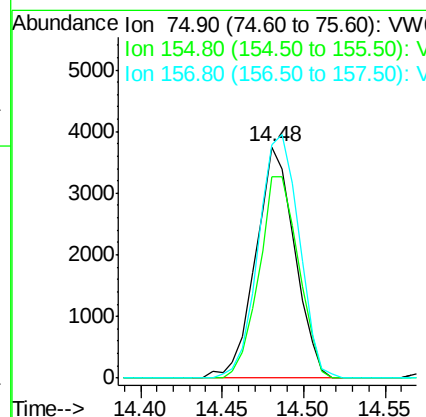
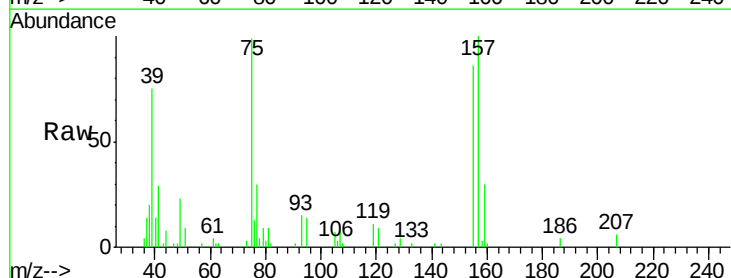
Manual Integrations  
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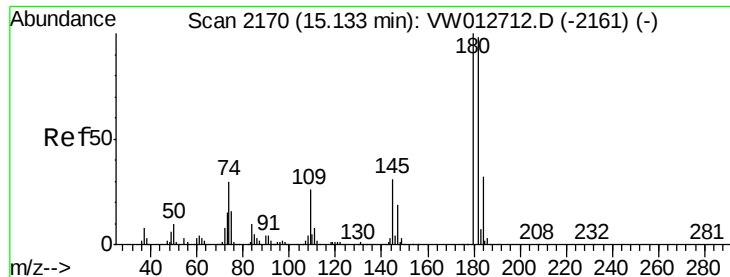
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.131 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 88.1  | 40.6  | 122.0 |
| 157     | 109.3 | 52.5  | 157.5 |





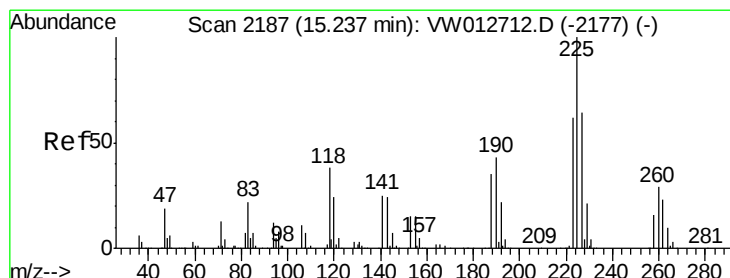
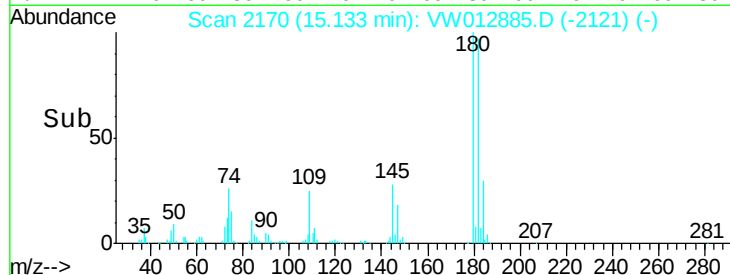
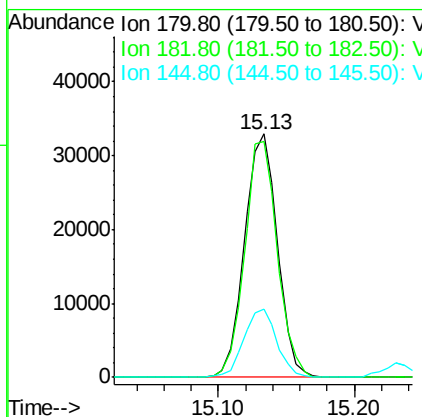
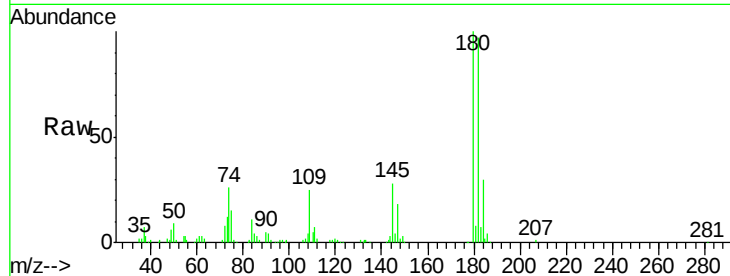
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.190 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. 0.00 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.3  | 48.7  | 146.1 |
| 145     | 28.1  | 15.0  | 45.1  |

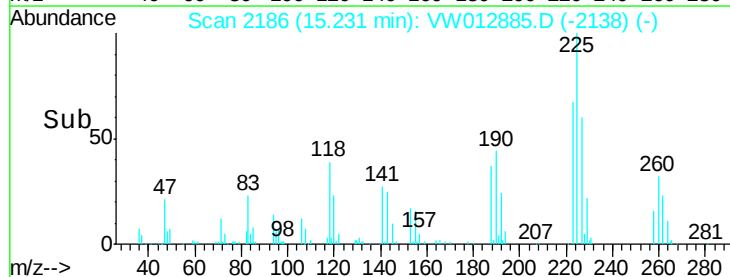
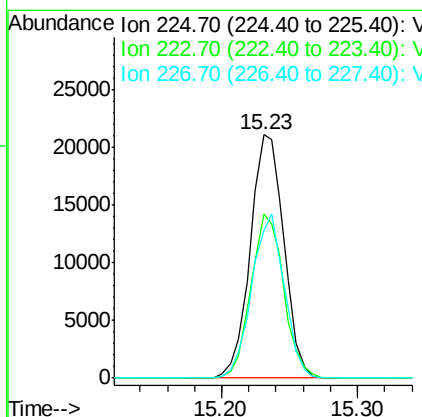
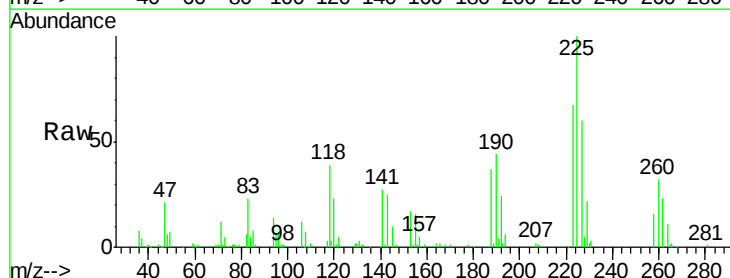
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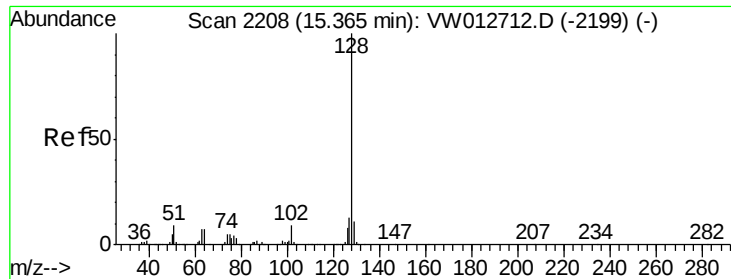
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#94  
 Hexachlorobutadiene  
 Concen: 19.082 ug/l  
 RT: 15.23 min Scan# 2186  
 Delta R.T. -0.01 min  
 Lab File: VW012885.D  
 Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.9  | 31.1  | 93.3  |
| 227     | 65.4  | 31.4  | 94.2  |





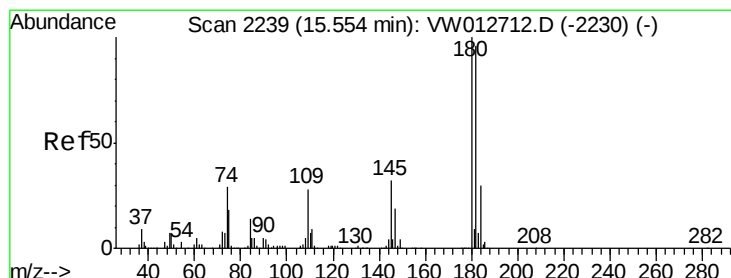
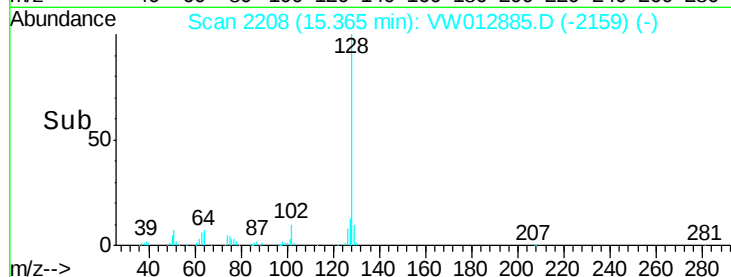
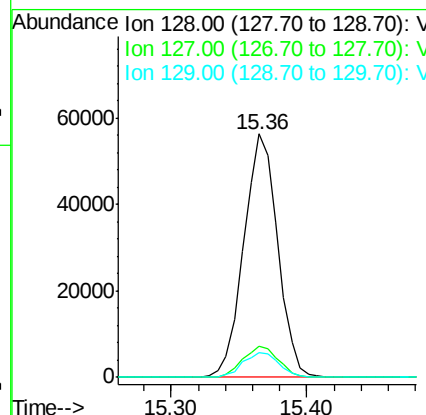
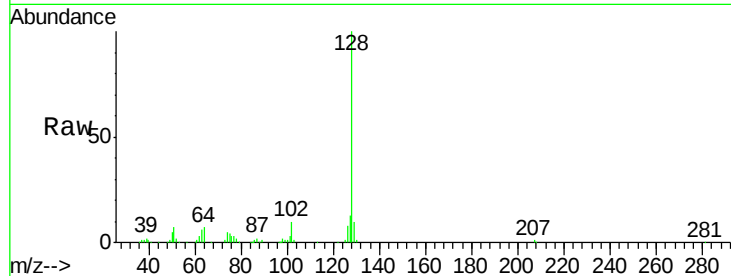
#95  
Naphthalene  
Concen: 19.923 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0910SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.7  | 16.1  |
| 129     | 10.7  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.187 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. 0.00 min  
Lab File: VW012885.D  
Acq: 10 Sep 2019 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.8  | 143.3 |
| 145     | 31.6  | 15.4  | 46.2  |

