

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\  
 Data File : VW008302.D  
 Acq On : 16 Jan 2019 12:28  
 Operator : SY/VA  
 Sample : VW0116SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0116SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/17/2019 11:33:29 AM

Quant Time: Jan 17 05:43:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 09 04:40:48 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 90762    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 154694   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 143673   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 73017    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 47162    | 46.23 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.46%  |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 47359    | 52.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.98% |          |
| 50) Toluene-d8              | 10.32 | 98   | 200927   | 53.07 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.14% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 71265    | 52.50 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.00% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85   | 12383    | 16.717  | ug/l   | 97     |
| 3) Chloromethane              | 2.21 | 50   | 19043    | 19.816  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.36 | 62   | 26283    | 20.955  | ug/l   | 100    |
| 5) Bromomethane               | 2.78 | 94   | 18694    | 19.896  | ug/l   | 98     |
| 6) Chloroethane               | 2.92 | 64   | 17899    | 18.965  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.25 | 101  | 18586    | 18.227  | ug/l   | 94     |
| 8) Diethyl Ether              | 3.67 | 74   | 11966    | 20.758  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101  | 20268    | 20.020  | ug/l   | 95     |
| 10) Methyl Iodide             | 4.26 | 142  | 28286    | 19.171  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.18 | 59   | 6448     | 85.257  | ug/l # | 100    |
| 12) 1,1-Dichloroethene        | 4.03 | 96   | 20813    | 20.940  | ug/l   | 92     |
| 13) Acrolein                  | 3.89 | 56   | 4554     | 65.955  | ug/l   | 95     |
| 14) Allyl chloride            | 4.65 | 41   | 34845    | 19.309  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.36 | 53   | 21854    | 99.580  | ug/l   | 96     |
| 16) Acetone                   | 4.12 | 43   | 21318    | 103.903 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.37 | 76   | 58896    | 18.968  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.67 | 43   | 11215    | 17.395  | ug/l   | 92     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73   | 28280    | 17.501  | ug/l   | 94     |
| 20) Methylene Chloride        | 4.90 | 84   | 23821    | 20.922  | ug/l   | 88     |
| 21) trans-1,2-Dichloroethene  | 5.41 | 96   | 22721    | 21.035  | ug/l   | 88     |
| 22) Diisopropyl ether         | 6.31 | 45   | 67413    | 19.587  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.25 | 43   | 168994   | 93.492  | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.21 | 63   | 41499    | 20.694  | ug/l   | 98     |
| 25) 2-Butanone                | 7.17 | 43   | 28380    | 99.993  | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 7.16 | 77   | 27555    | 20.280  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.16 | 96   | 25335    | 21.498  | ug/l   | 95     |
| 28) Bromochloromethane        | 7.50 | 49   | 16789    | 21.167  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.53 | 42   | 17466    | 92.126  | ug/l   | 97     |
| 30) Chloroform                | 7.67 | 83   | 43332    | 22.701  | ug/l   | 95     |
| 31) Cyclohexane               | 7.95 | 56   | 40463    | 18.848  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97   | 35382    | 21.303  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.07 | 75   | 34399    | 21.587  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.25 | 43   | 11492    | 18.001  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 8.06 | 117  | 33316    | 22.843  | ug/l   | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\  
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 Sample : VW0116SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0116SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/17/2019 11:33:29 AM

Quant Time: Jan 17 05:43:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 09 04:40:48 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.33  | 83   | 41348    | 20.464  | ug/l   | 90       |
| 40) Benzene                    | 8.32  | 78   | 95964    | 22.203  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.48  | 41   | 6145     | 15.238  | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 25727    | 21.164  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 22921    | 17.957  | ug/l   | 96       |
| 44) Trichloroethene            | 9.09  | 130  | 25377    | 22.937  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 23789    | 22.198  | ug/l   | 95       |
| 46) Dibromomethane             | 9.46  | 93   | 11033    | 20.963  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.64  | 83   | 29918    | 22.387  | ug/l # | 99       |
| 48) Methyl methacrylate        | 9.43  | 41   | 11157    | 18.524  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 2980     | 352.080 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 57453    | 92.987  | ug/l   | 100      |
| 52) Toluene                    | 10.38 | 92   | 61423    | 22.253  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 29324    | 21.095  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 35149    | 21.323  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 16683    | 22.577  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 17788    | 19.438  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 29376    | 21.737  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 44418    | 93.967  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.97 | 43   | 41449    | 99.202  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.13 | 129  | 18440    | 22.725  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 15434    | 22.012  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.86 | 164  | 20523    | 21.949  | ug/l   | 93       |
| 65) Chlorobenzene              | 11.66 | 112  | 66930    | 21.989  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 22350    | 22.575  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 118868   | 21.343  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 92046    | 43.300  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 42299    | 21.488  | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 68156    | 22.104  | ug/l   | 97       |
| 71) Bromoform                  | 12.35 | 173  | 9860     | 22.253  | ug/l # | 94       |
| 73) Isopropylbenzene           | 12.47 | 105  | 118320   | 20.640  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 21988    | 17.320  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 18538    | 20.203  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 10209m   | 15.337  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 26130    | 21.572  | ug/l   | 90       |
| 78) n-propylbenzene            | 12.81 | 91   | 147390   | 20.984  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 82040    | 20.935  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 101160   | 21.474  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 5248     | 18.360  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 86944    | 21.066  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 86492    | 20.754  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 103240   | 21.249  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 129471   | 21.208  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 112243   | 21.291  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 54933    | 22.357  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 52888    | 21.454  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.83 | 91   | 107416   | 20.804  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 20519    | 23.044  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 47014    | 21.772  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 2945     | 19.944  | ug/l   | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\  
Data File : VW008302.D  
Acq On : 16 Jan 2019 12:28  
Operator : SY/VA  
Sample : VW0116SBS01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

Manual Integrations  
APPROVED

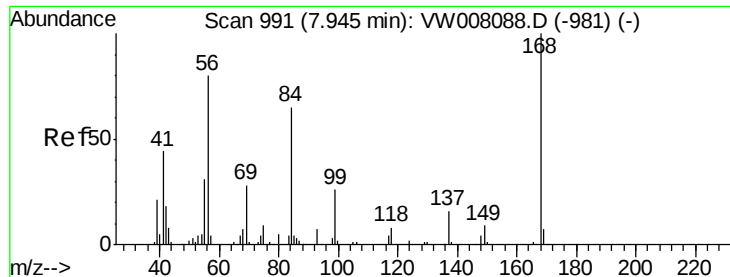
MMDadoda  
1/17/2019 11:33:29 AM

Quant Time: Jan 17 05:43:46 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 09 04:40:48 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 30419    | 21.217 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 17052    | 22.222 | ug/l  | 97       |
| 95) Naphthalene            | 15.37 | 128  | 48415    | 18.086 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 24668    | 20.184 | ug/l  | 95       |

(#) = 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: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion:168 Resp: 90762

Ion Ratio Lower Upper

168 100

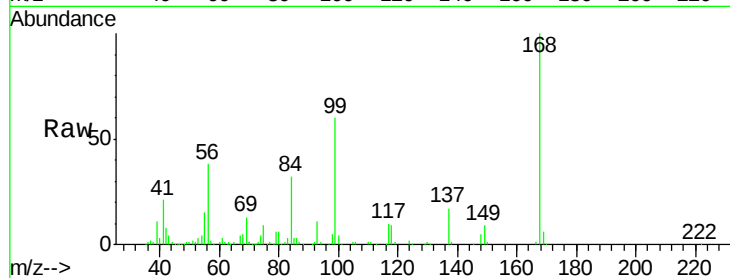
99 59.6 52.6 78.8

Manual Integrations

APPROVED

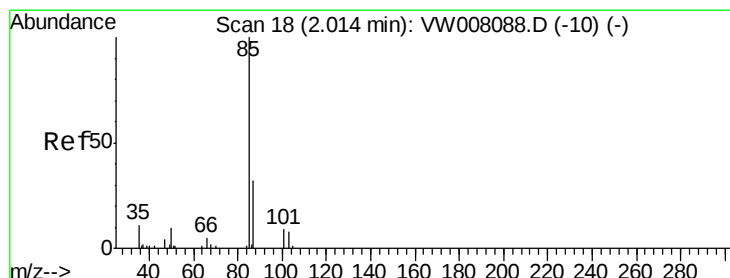
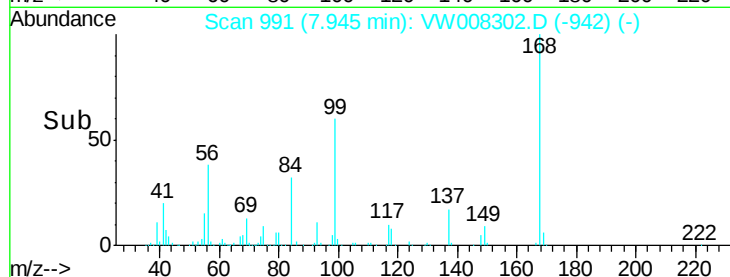
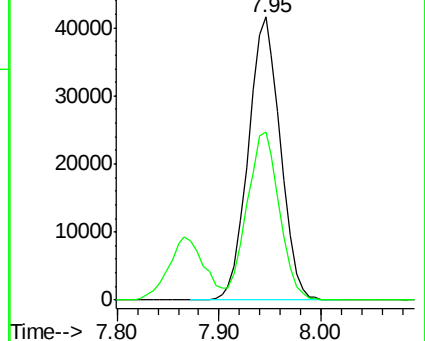
MMDadoda

1/17/2019 11:33:29 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 16.717 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008302.D

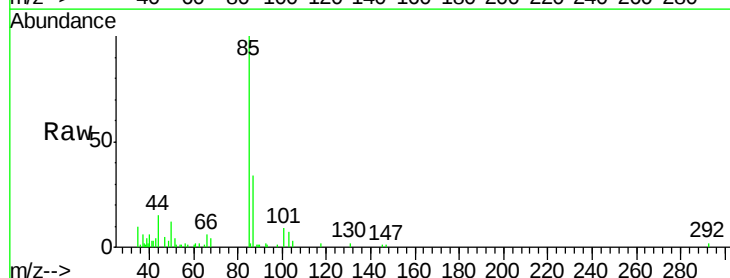
Acq: 16 Jan 2019 12:28

Tgt Ion: 85 Resp: 12383

Ion Ratio Lower Upper

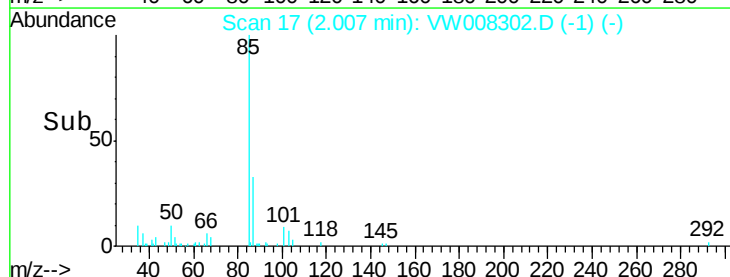
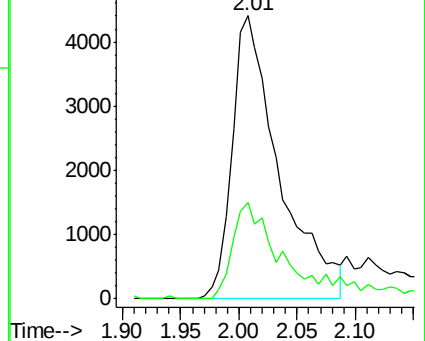
85 100

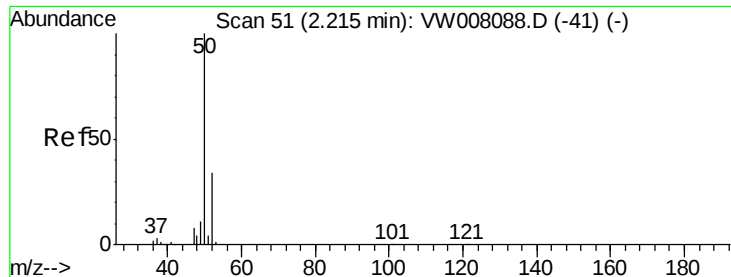
87 34.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.816 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion: 50 Resp: 19043

Ion Ratio Lower Upper

50 100

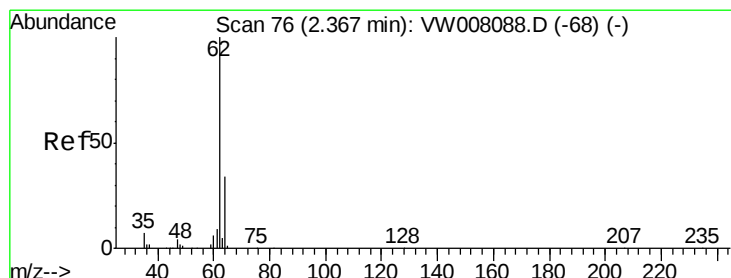
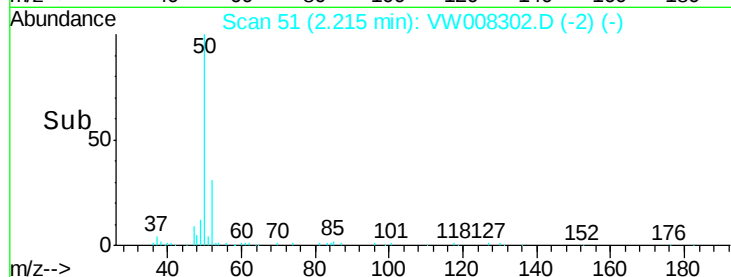
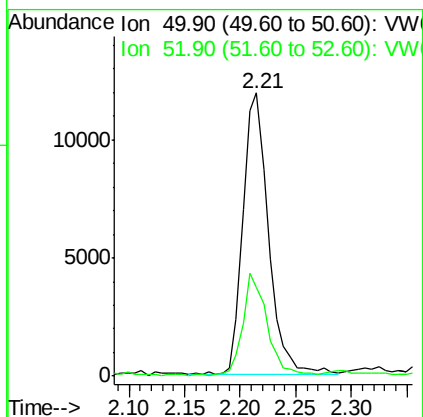
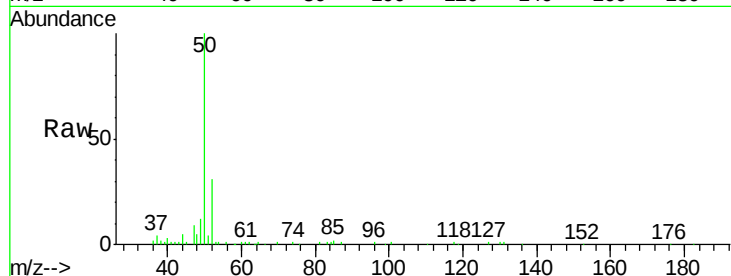
52 31.7 26.8 40.2

Manual Integrations

APPROVED

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1/17/2019 11:33:29 AM



#4

Vinyl Chloride

Concen: 20.955 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008302.D

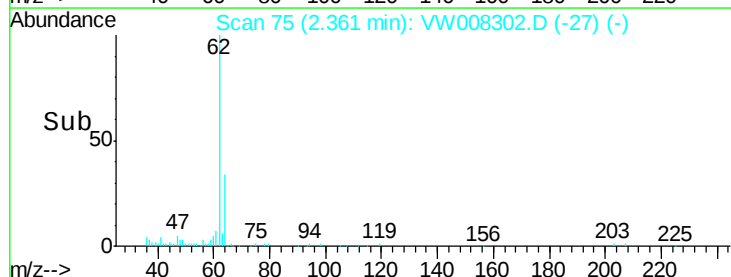
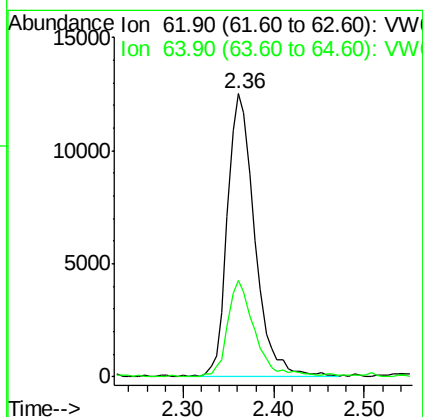
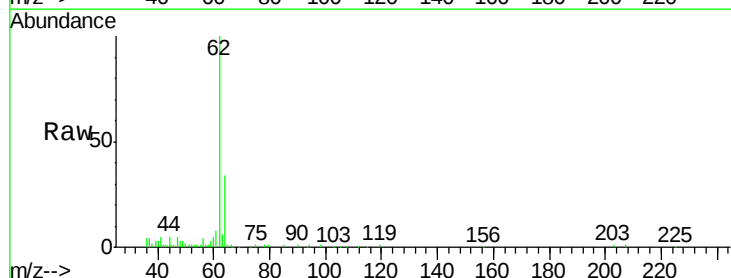
Acq: 16 Jan 2019 12:28

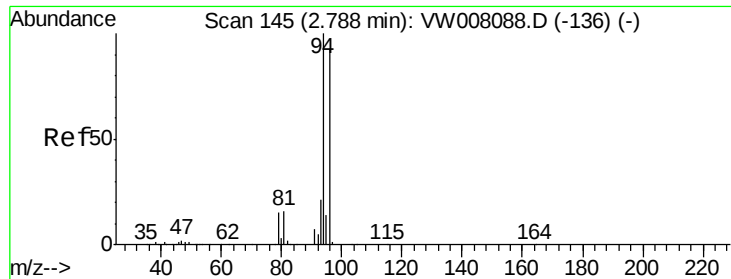
Tgt Ion: 62 Resp: 26283

Ion Ratio Lower Upper

62 100

64 33.9 27.0 40.6





#5

Bromomethane

Concen: 19.896 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion: 94 Resp: 18694

Ion Ratio Lower Upper

94 100

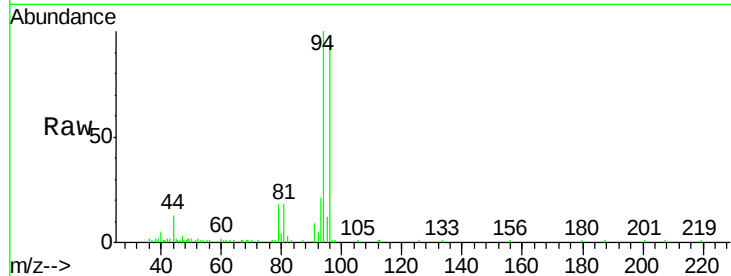
96 94.9 74.1 111.1

Manual Integrations

APPROVED

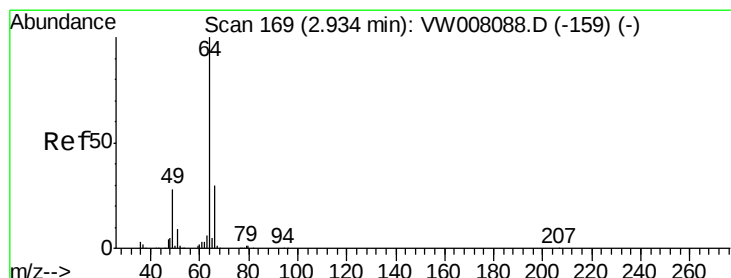
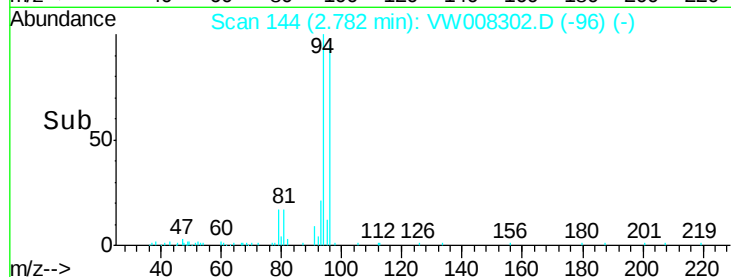
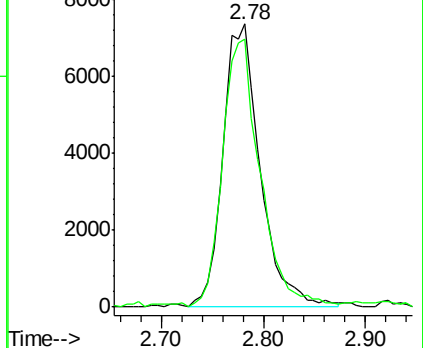
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1/17/2019 11:33:29 AM



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.965 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008302.D

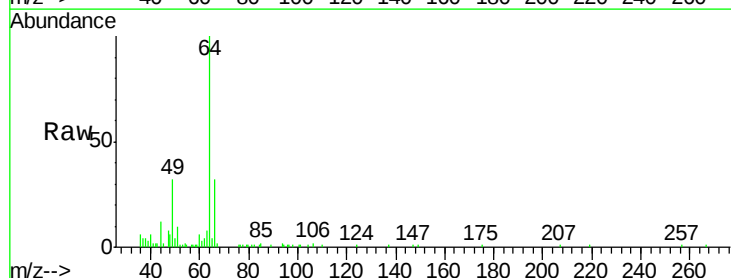
Acq: 16 Jan 2019 12:28

Tgt Ion: 64 Resp: 17899

Ion Ratio Lower Upper

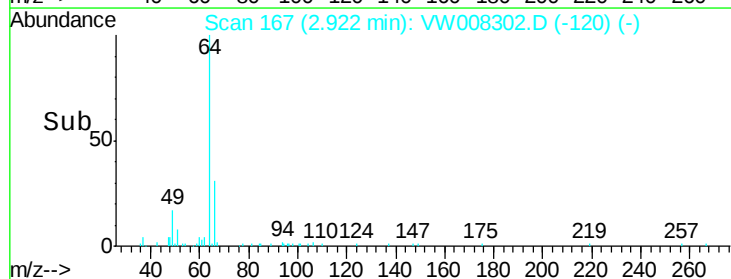
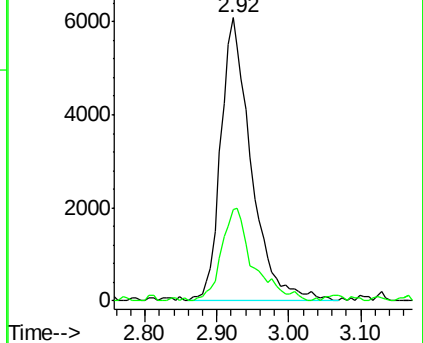
64 100

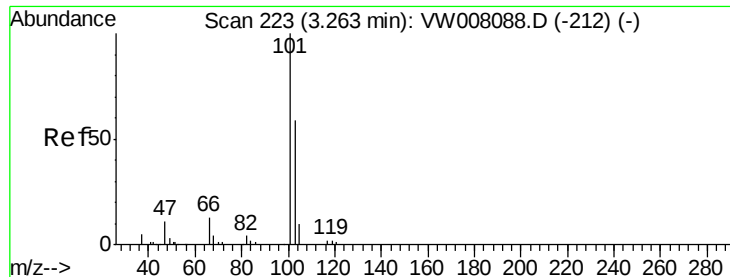
66 32.5 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

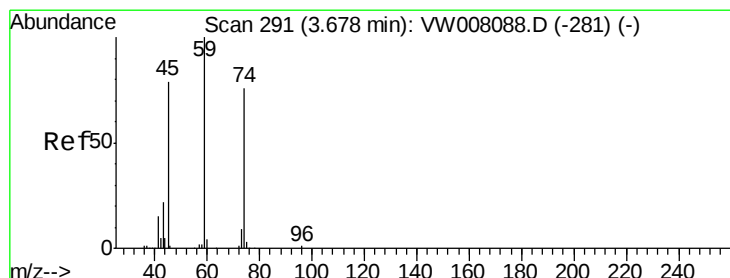
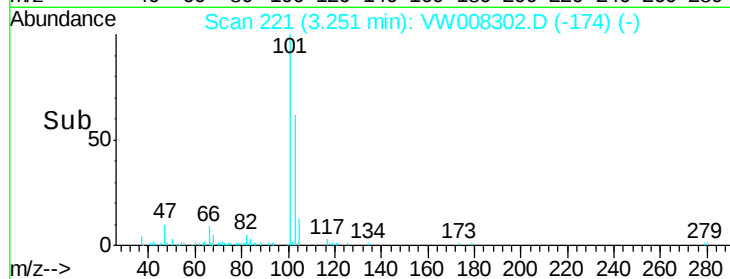
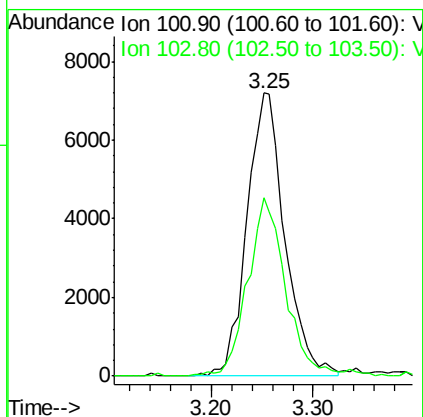
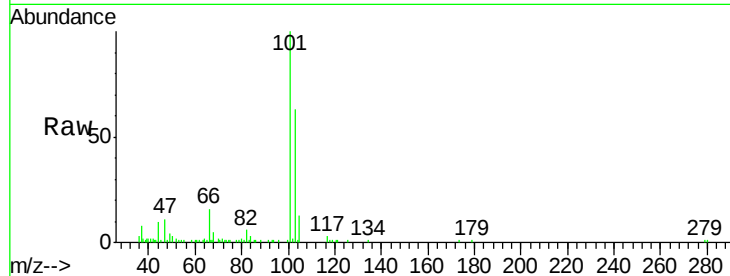
Trichlorofluoromethane  
 Concen: 18.227 ug/l  
 RT: 3.25 min Scan# 221  
 Delta R.T. -0.01 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.1  | 47.0  | 70.6  |

Manual Integrations  
 APPROVED

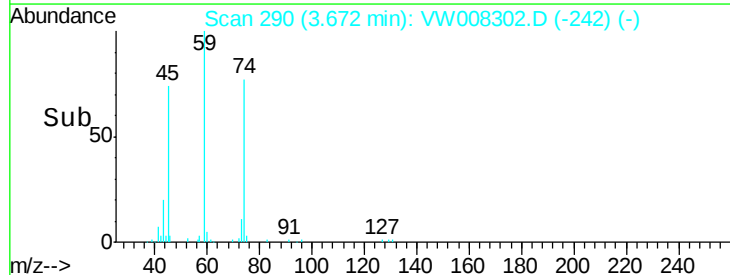
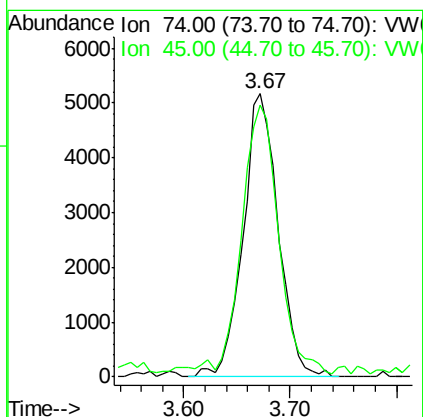
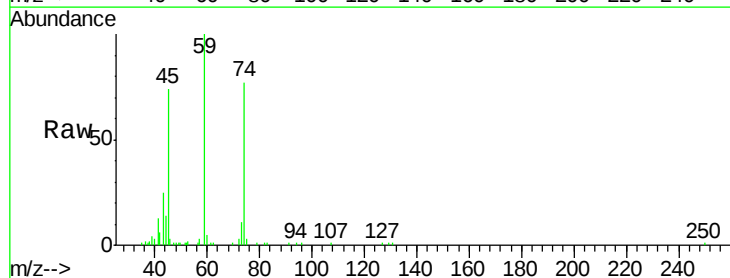
MMDadoda  
 1/17/2019 11:33:29 AM

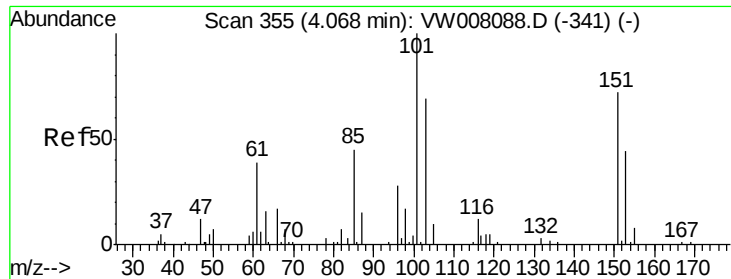


#8

Diethyl Ether  
 Concen: 20.758 ug/l  
 RT: 3.67 min Scan# 290  
 Delta R.T. -0.01 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 100.5 | 52.4  | 157.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.020 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

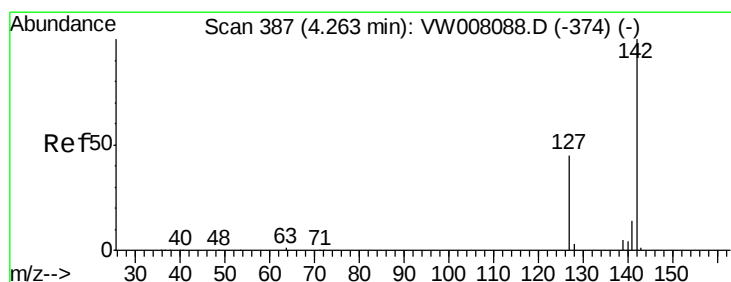
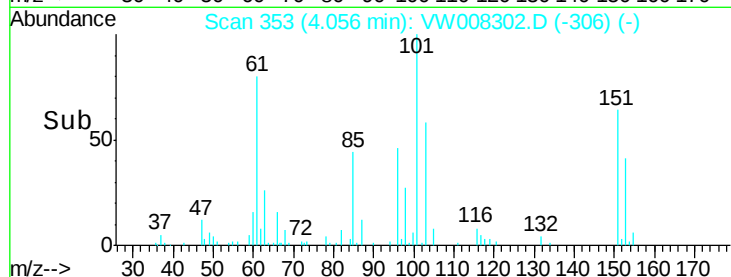
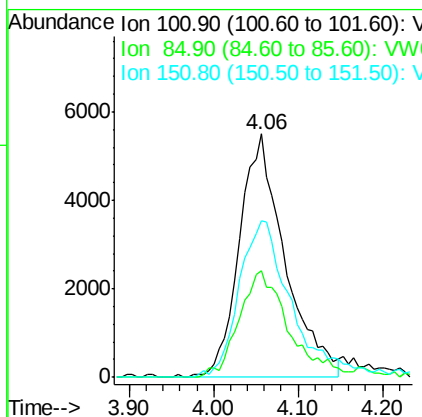
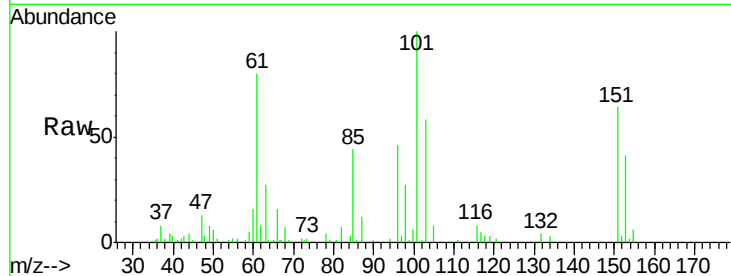
ClientSampleId :

VW0116SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 20268 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.6  | 35.9  | 53.9  |
| 151       | 74.5  | 55.8  | 83.8  |

Manual Integrations  
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MMDadoda  
1/17/2019 11:33:29 AM



#10

Methyl Iodide

Concen: 19.171 ug/l

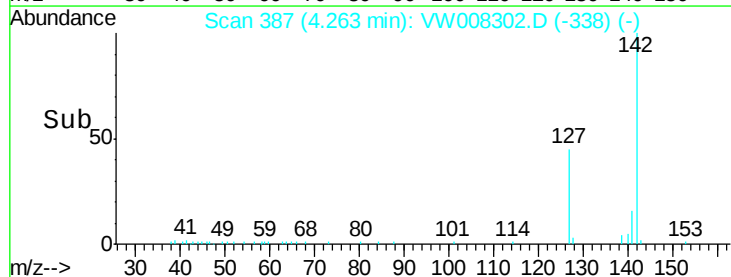
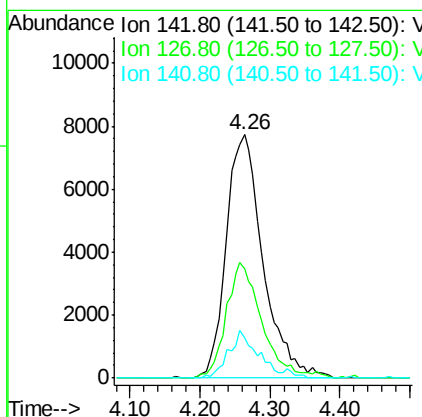
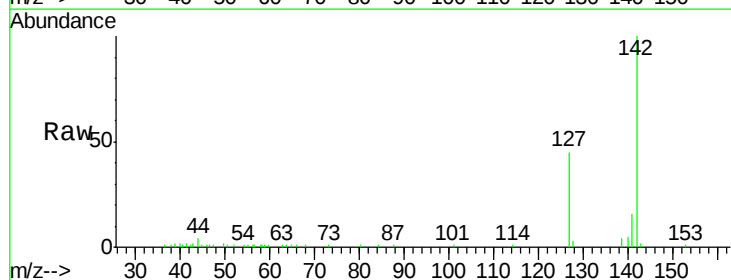
RT: 4.26 min Scan# 387

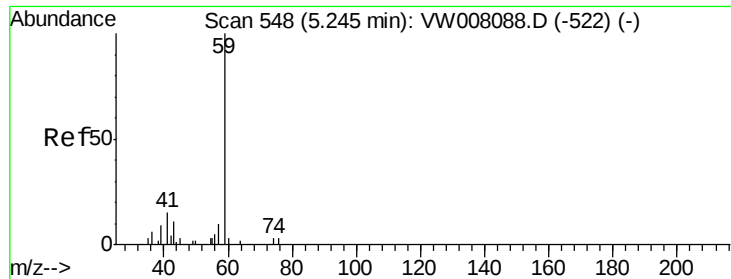
Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 28286 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 45.3  | 35.0  | 52.4  |
| 141       | 15.2  | 11.8  | 17.6  |





#11

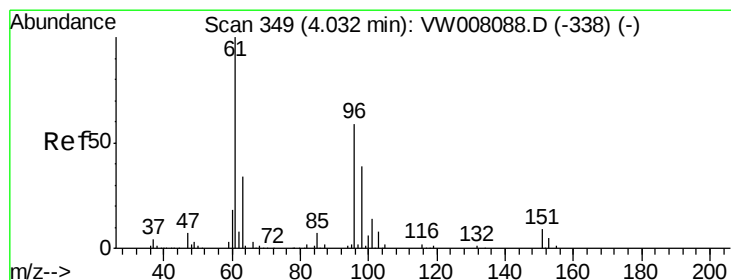
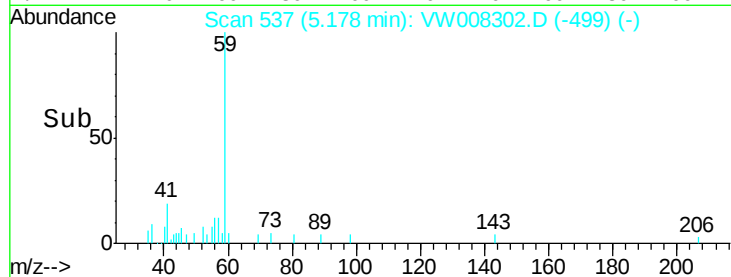
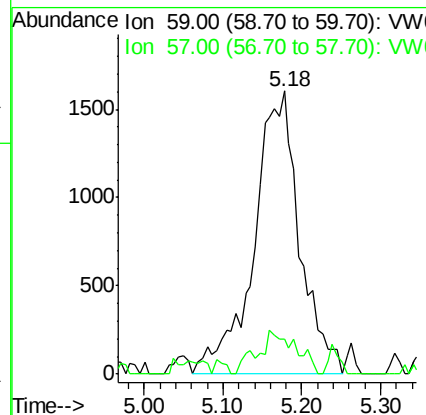
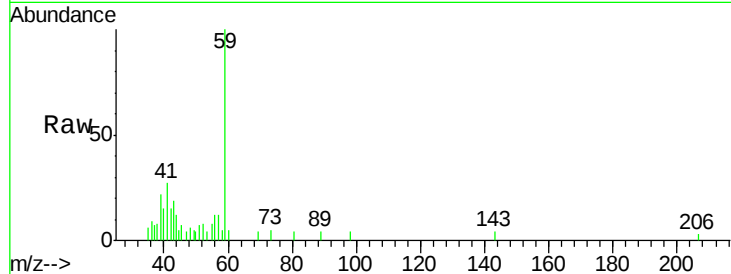
Tert butyl alcohol  
Concen: 85.257 ug/l  
RT: 5.18 min Scan# 537  
Delta R.T. -0.07 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 59      | 100   | 6448 |       |       |
| 57      | 10.6  |      | 0.0   | 0.0#  |

Manual Integrations  
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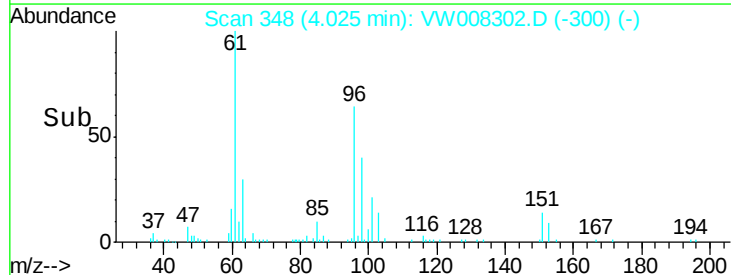
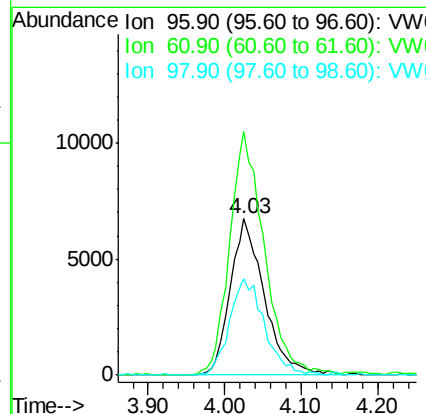
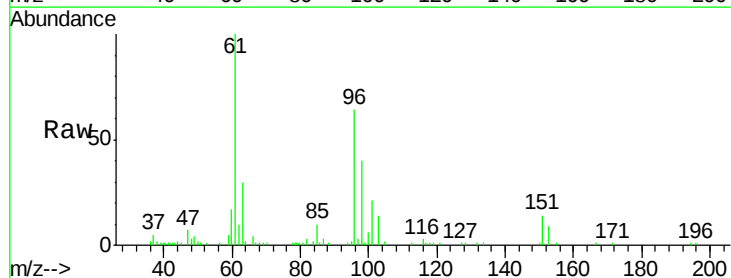
MMDadoda  
1/17/2019 11:33:29 AM

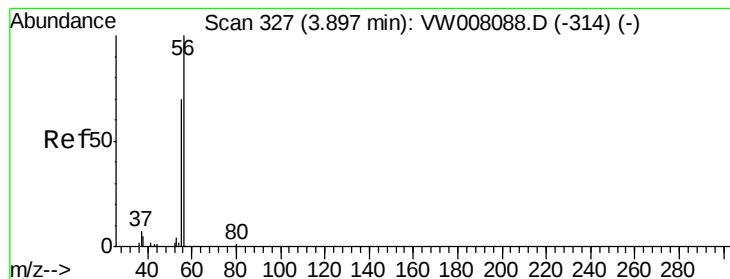


#12

1,1-Dichloroethene  
Concen: 20.940 ug/l  
RT: 4.03 min Scan# 348  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 20813 |       |       |
| 61      | 155.6 |       | 135.4 | 203.2 |
| 98      | 62.0  |       | 52.5  | 78.7  |





#13

Acrolein

Concen: 65.955 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion: 56 Resp: 4554

Ion Ratio Lower Upper

56 100

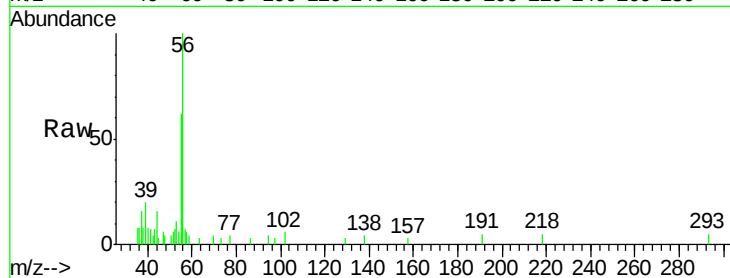
55 74.8 56.6 84.8

Manual Integrations

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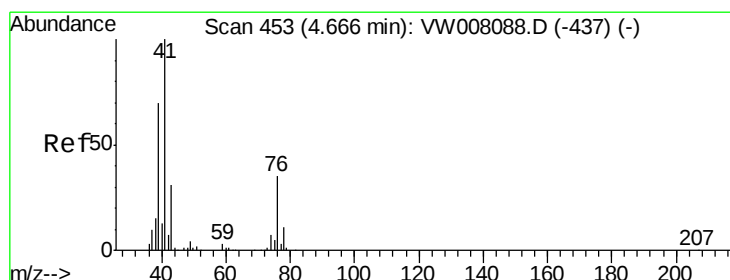
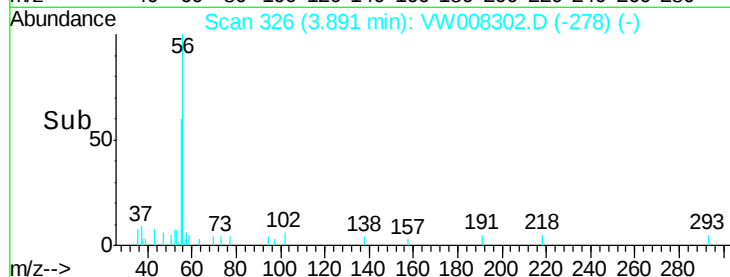
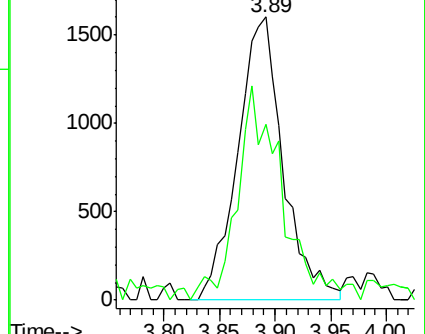
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.309 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

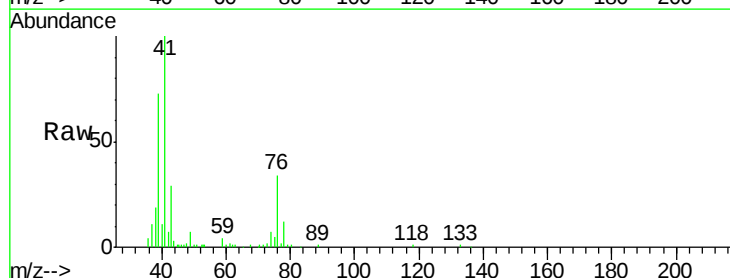
Tgt Ion: 41 Resp: 34845

Ion Ratio Lower Upper

41 100

39 70.0 53.8 80.8

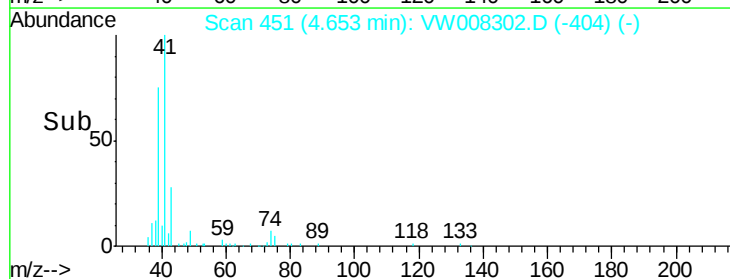
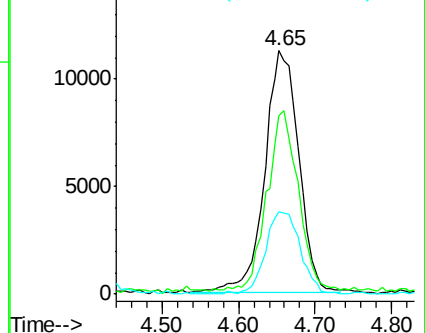
76 34.5 27.6 41.4

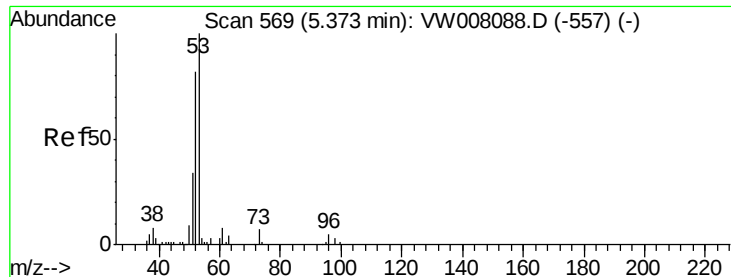


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 99.580 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

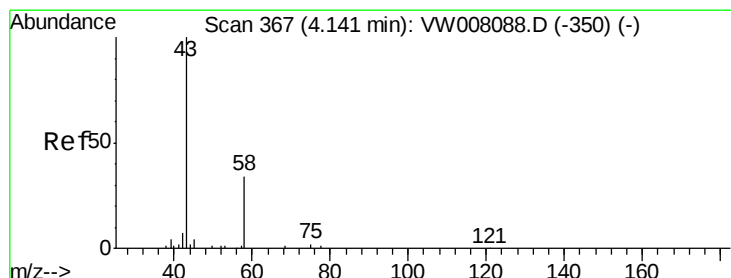
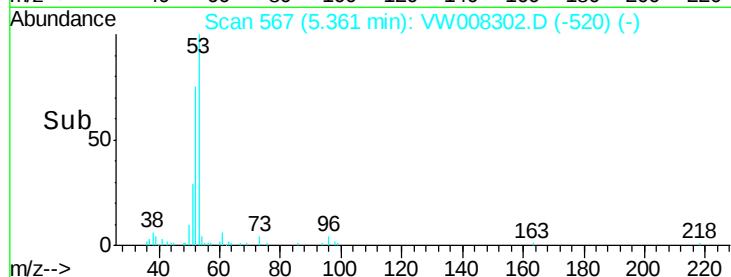
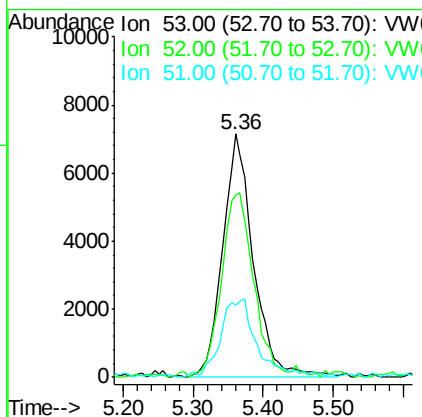
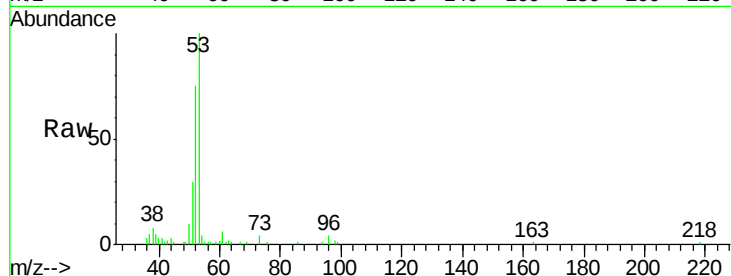
ClientSampleId :

VW0116SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 21854 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 79.1  | 66.8  | 100.2 |
| 51       | 38.5  | 29.7  | 44.5  |

Manual Integrations  
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#16

Acetone

Concen: 103.903 ug/l

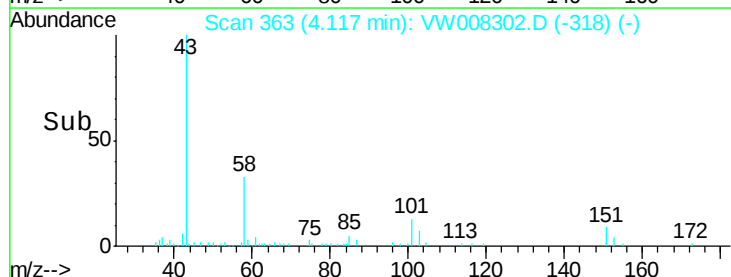
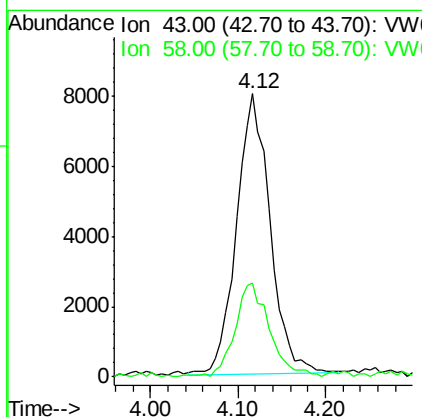
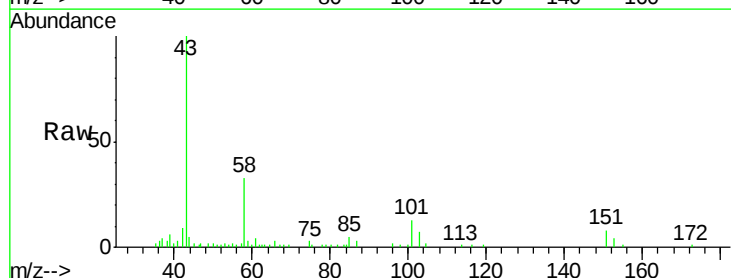
RT: 4.12 min Scan# 363

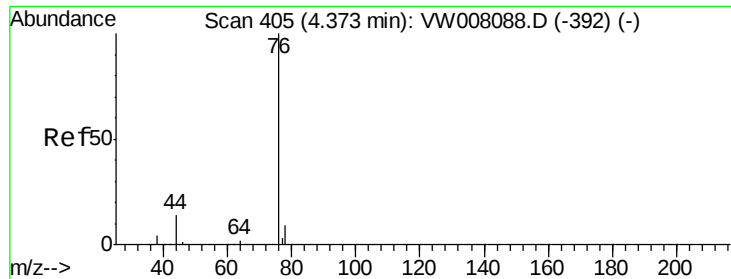
Delta R.T. -0.02 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 21318 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.7  | 27.5  | 41.3  |





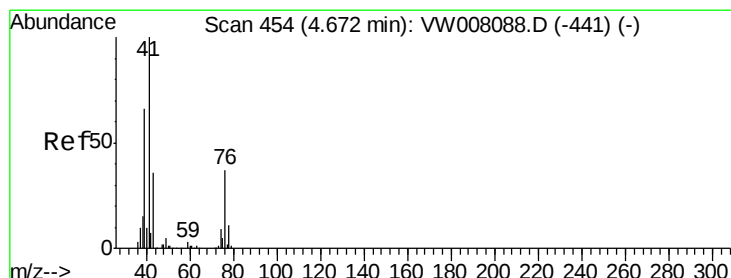
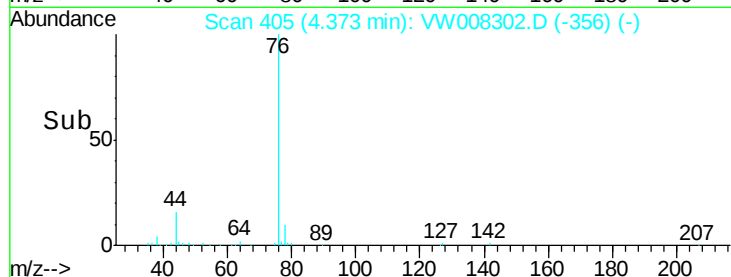
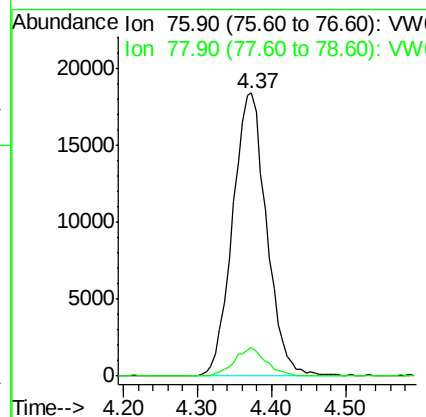
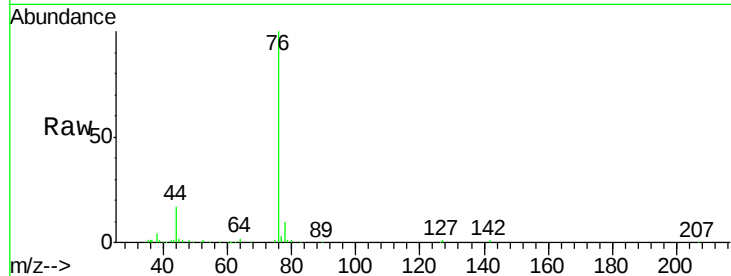
#17  
Carbon Disulfide  
Concen: 18.968 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 10.3  | 7.0   | 10.6  |

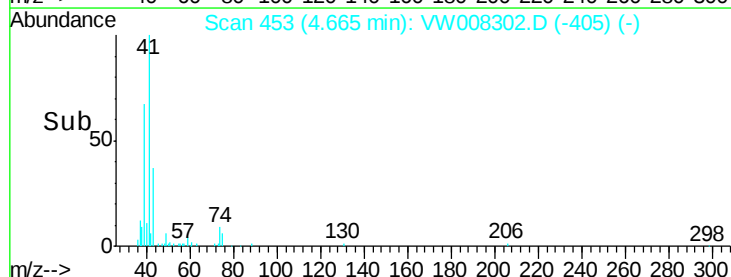
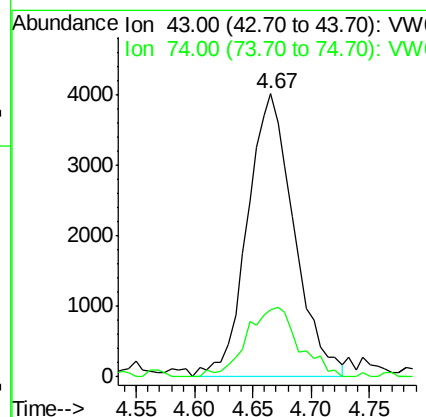
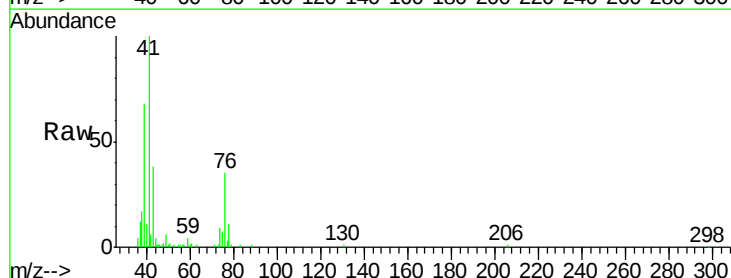
Manual Integrations  
APPROVED

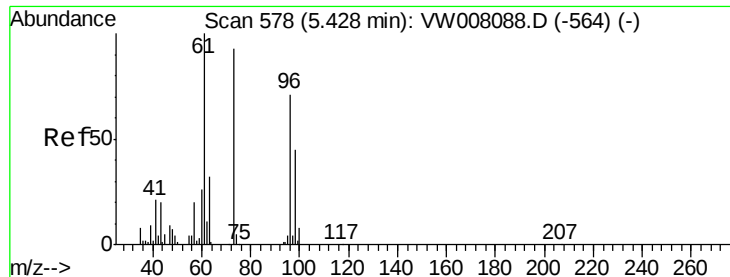
MMDadoda  
1/17/2019 11:33:29 AM



#18  
Methyl Acetate  
Concen: 17.395 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 27.4  | 19.0  | 28.4  |





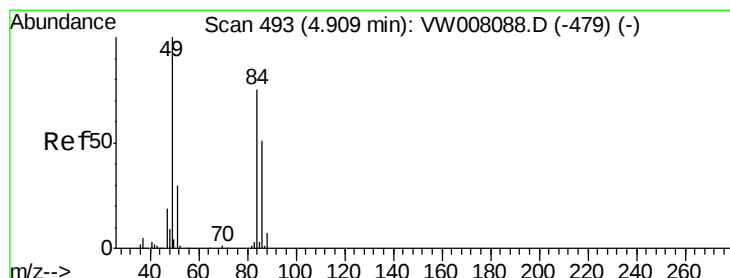
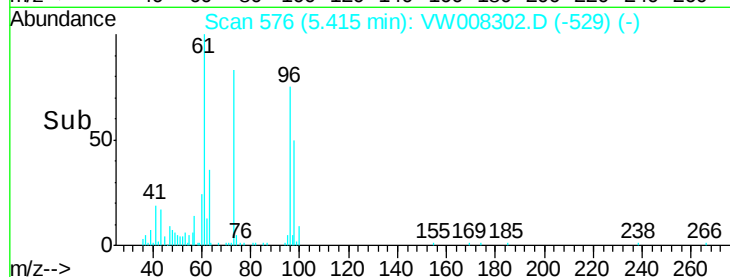
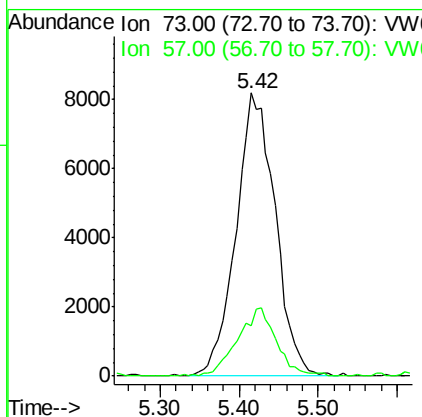
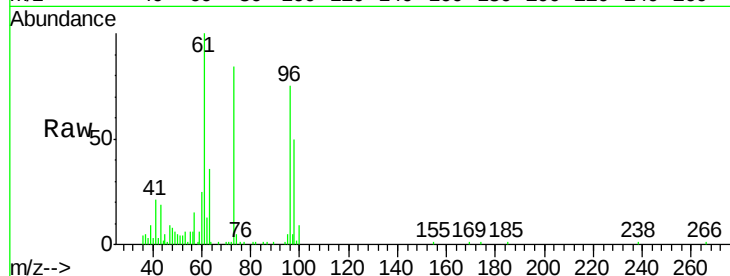
#19  
Methvl tert-butvl Ether  
Concen: 17.501 ug/l  
RT: 5.42 min Scan# 576  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

Tot Ion: 73 Resp: 28280  
Ion Ratio Lower Upper  
73 100  
57 18.0 16.7 25.1

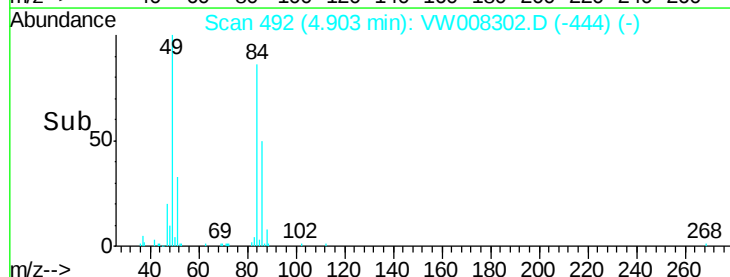
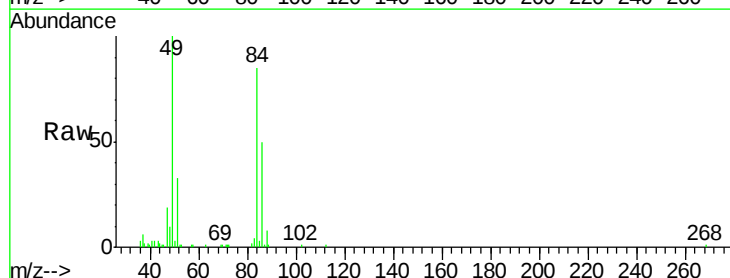
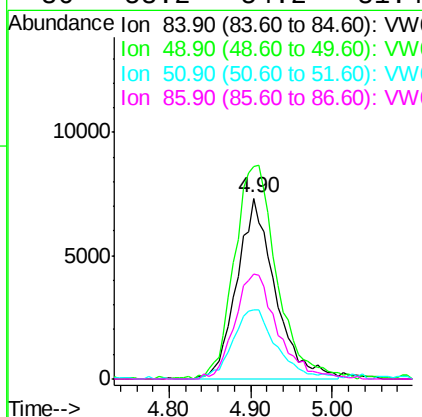
Manual Integrations  
APPROVED

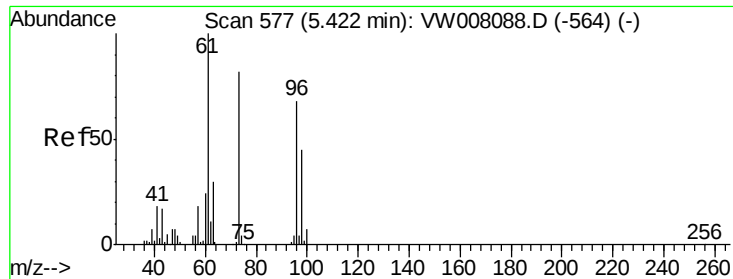
MMDadoda  
1/17/2019 11:33:29 AM



#20  
Methylene Chloride  
Concen: 20.922 ug/l  
RT: 4.90 min Scan# 492  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Tgt Ion: 84 Resp: 23821  
Ion Ratio Lower Upper  
84 100  
49 116.2 107.1 160.7  
51 38.2 32.4 48.6  
86 58.2 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 21.035 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

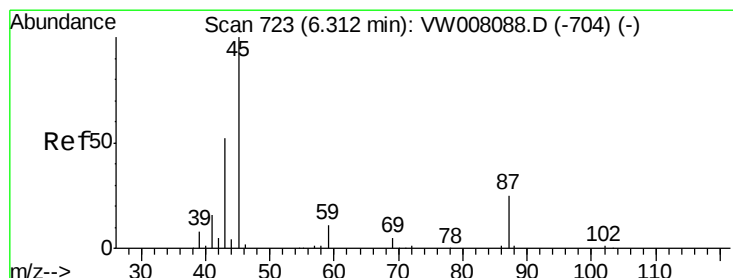
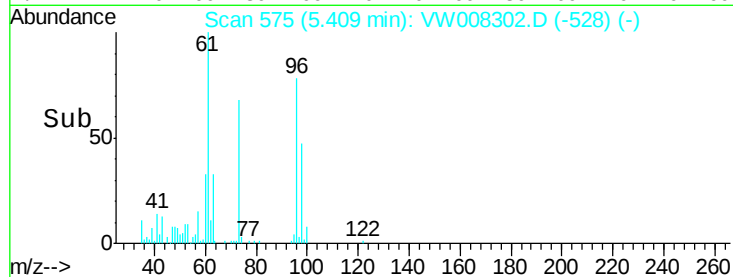
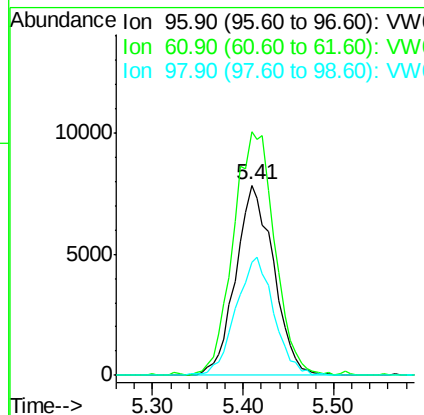
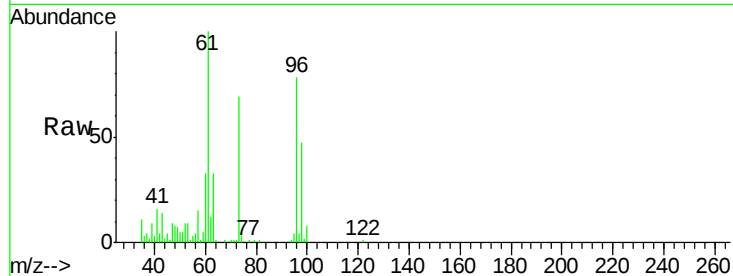
ClientSampleID :

VW0116SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 22721 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 128.1 | 117.4 | 176.0 |
| 98       | 59.7  | 52.2  | 78.4  |

Manual Integrations  
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MMDadoda  
1/17/2019 11:33:29 AM



#22

Diisopropyl ether

Concen: 19.587 ug/l

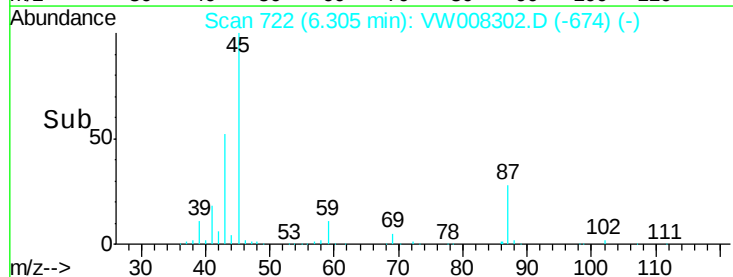
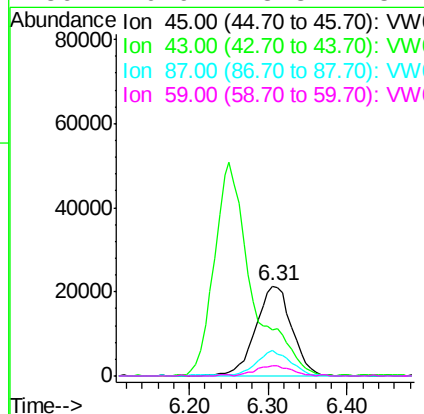
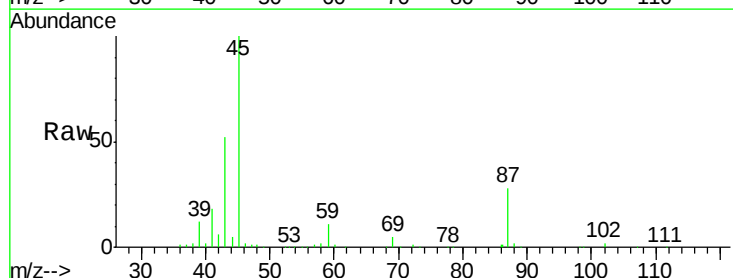
RT: 6.31 min Scan# 722

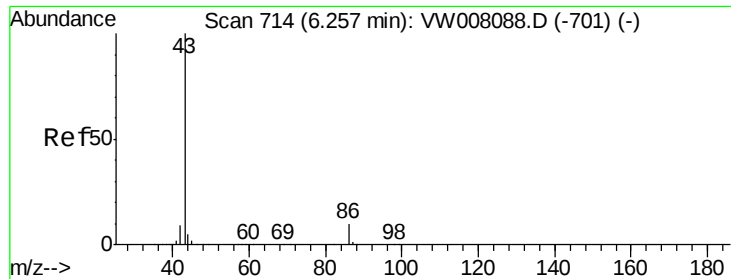
Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 67413 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 51.0  | 41.7  | 62.5  |
| 87       | 27.4  | 20.1  | 30.1  |
| 59       | 10.9  | 8.8   | 13.2  |





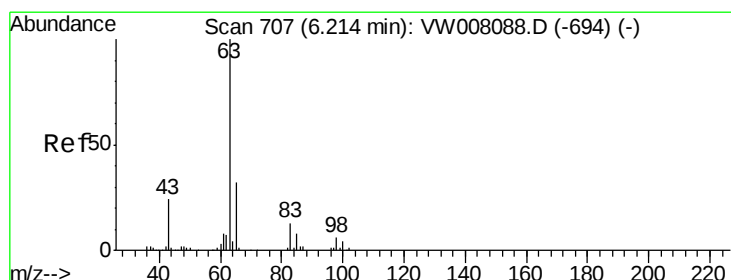
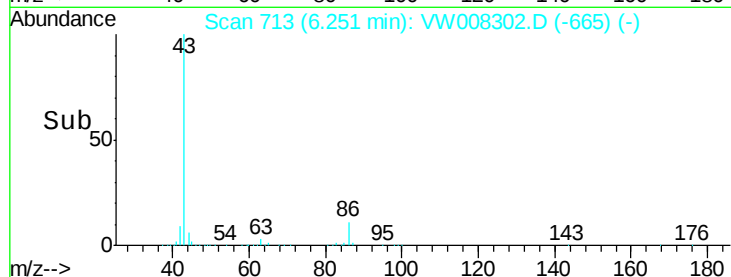
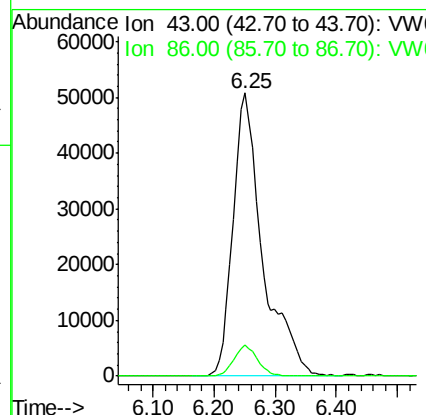
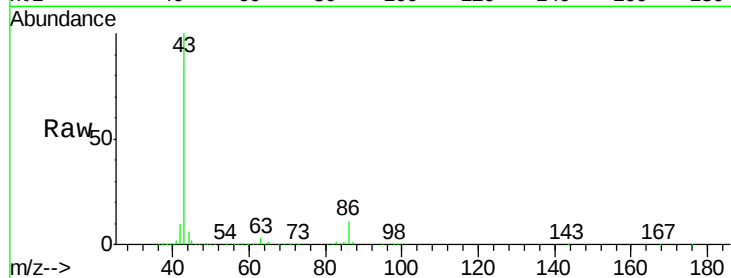
#23  
 Vinyl Acetate  
 Concen: 93.492 ug/l  
 RT: 6.25 min Scan# 713  
 Delta R.T. -0.01 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0116SBS01

| Tot Ion   | 43    | Resp  | 168994 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 86        | 10.8  | 7.7   | 11.5   |

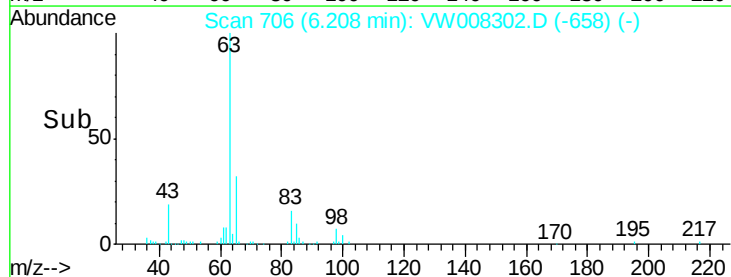
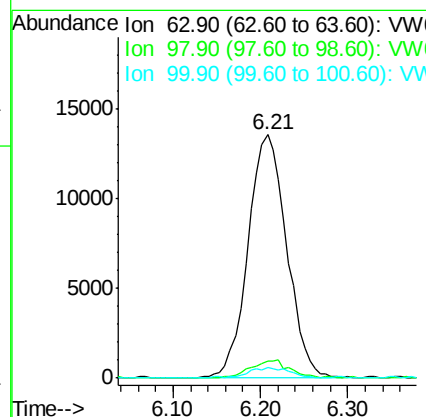
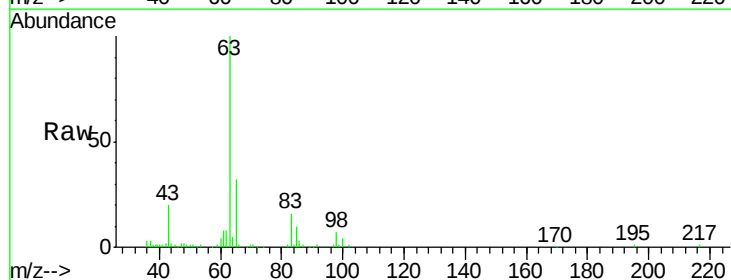
Manual Integrations  
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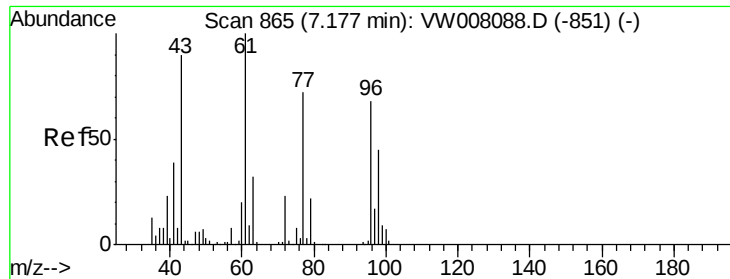
MMDadoda  
 1/17/2019 11:33:29 AM



#24  
 1,1-Dichloroethane  
 Concen: 20.694 ug/l  
 RT: 6.21 min Scan# 706  
 Delta R.T. -0.01 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

| Tgt Ion   | 63    | Resp  | 41499 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 7.2   | 3.2   | 9.6   |
| 100       | 4.2   | 2.0   | 6.0   |





#25

2-Butanone

Concen: 99.993 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion: 43 Resp: 28380

Ion Ratio Lower Upper

43 100

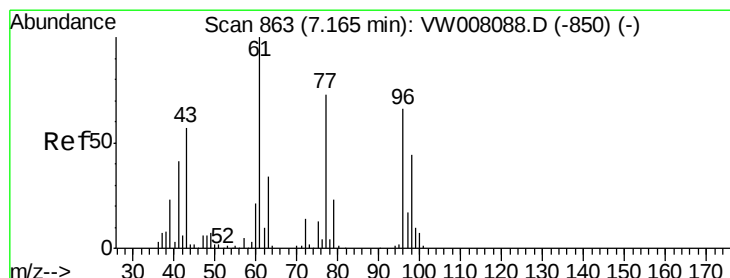
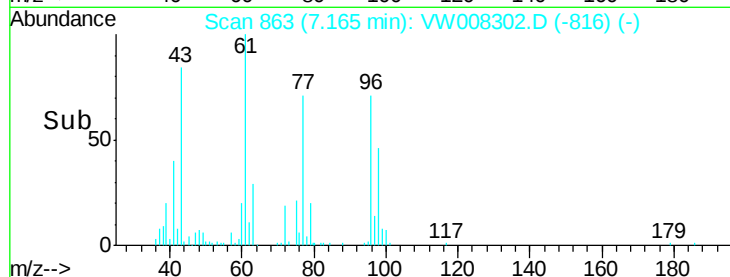
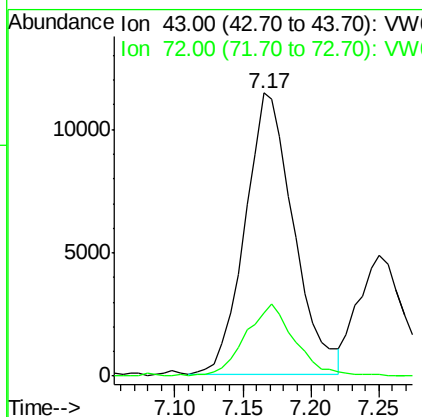
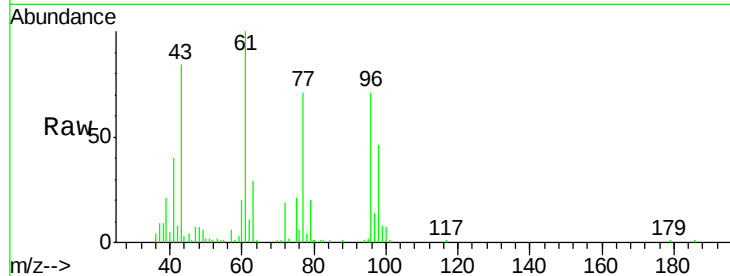
72 22.7 20.5 30.7

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#26

2,2-Dichloropropane

Concen: 20.280 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008302.D

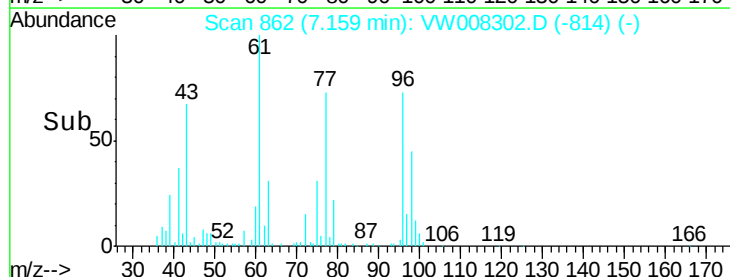
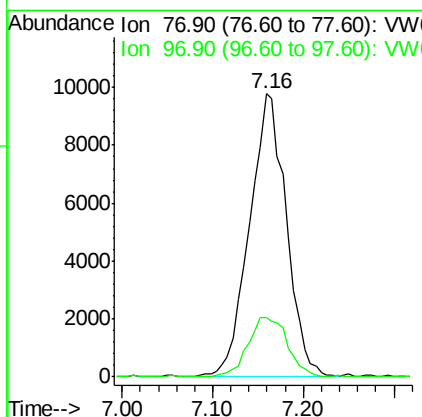
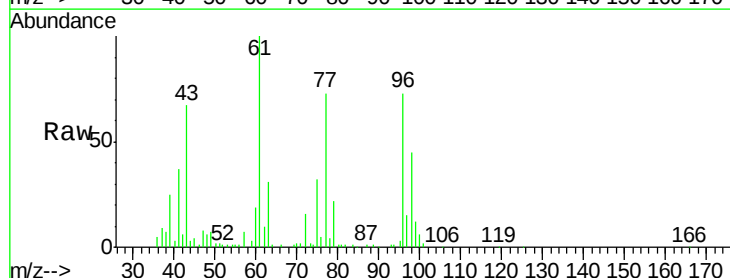
Acq: 16 Jan 2019 12:28

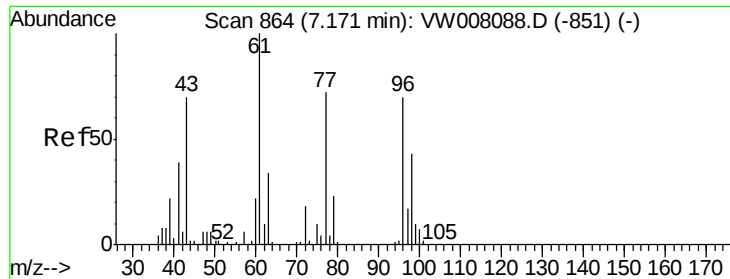
Tgt Ion: 77 Resp: 27555

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

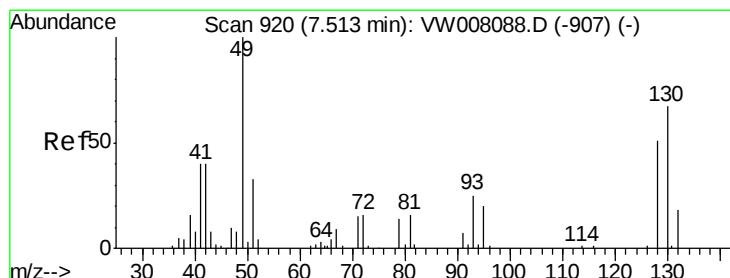
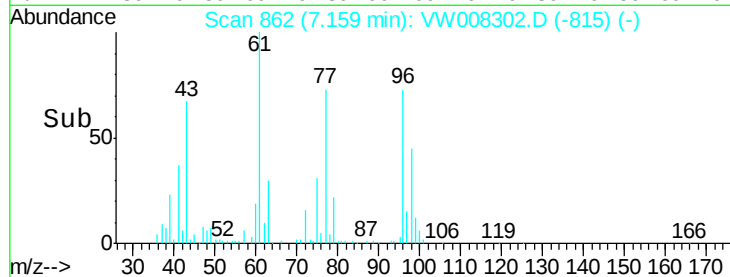
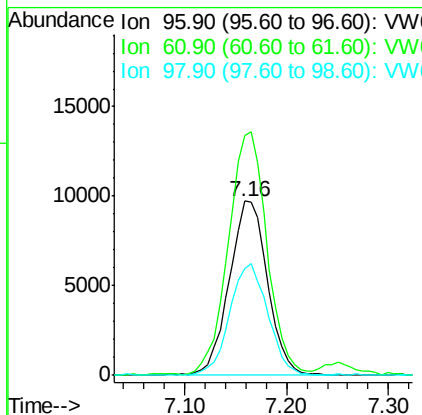
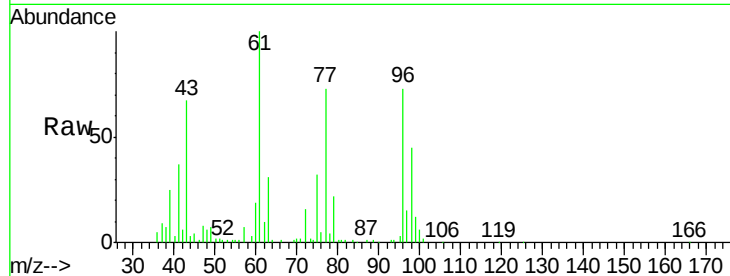
cis-1,2-Dichloroethene  
Concen: 21.498 ug/l  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 141.4 | 0.0   | 300.4 |
| 98      | 63.9  | 0.0   | 128.4 |

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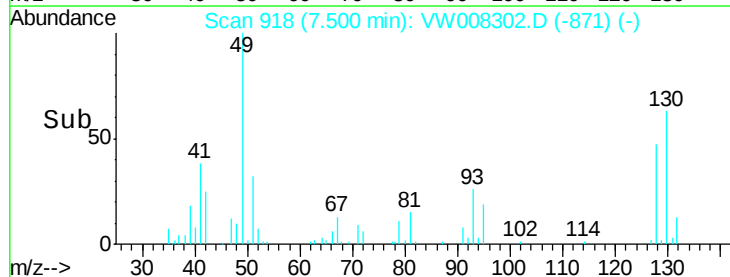
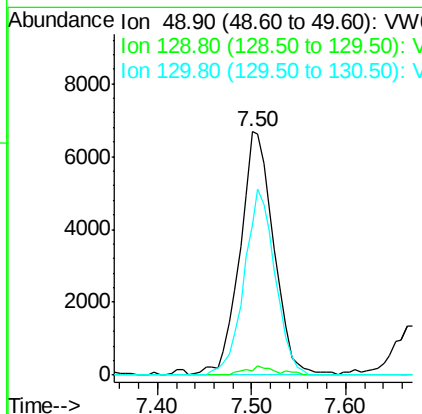
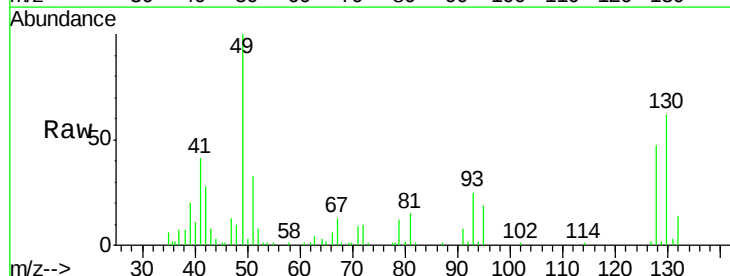
MMDadoda  
1/17/2019 11:33:29 AM

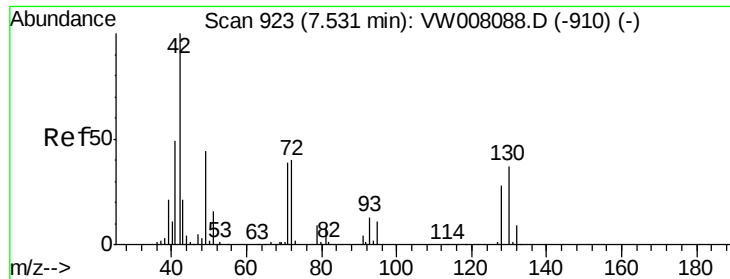


#28

Bromochloromethane  
Concen: 21.167 ug/l  
RT: 7.50 min Scan# 918  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.7   | 0.0   | 2.8   |
| 130     | 69.7  | 54.3  | 81.5  |





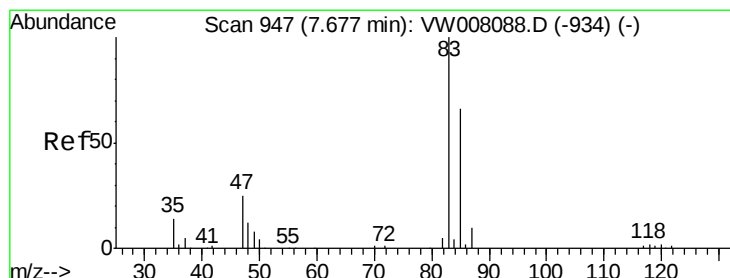
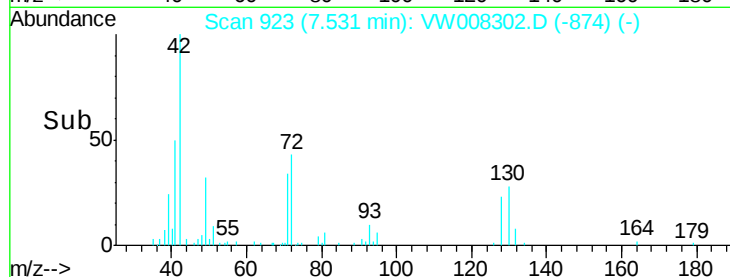
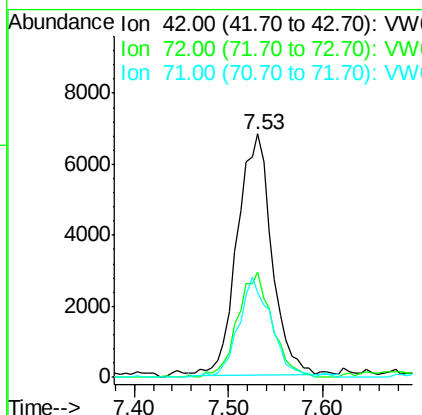
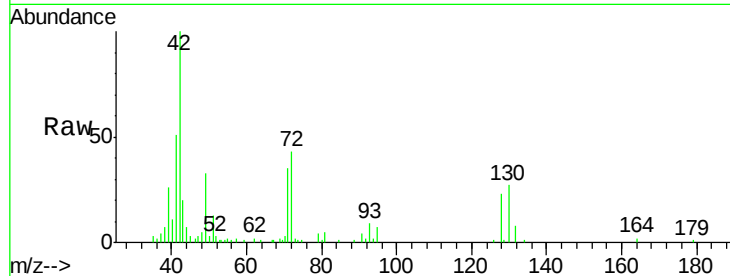
#29  
Tetrahydrofuran  
Concen: 92.126 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.7  | 32.4  | 48.6  |
| 71      | 39.4  | 31.3  | 46.9  |

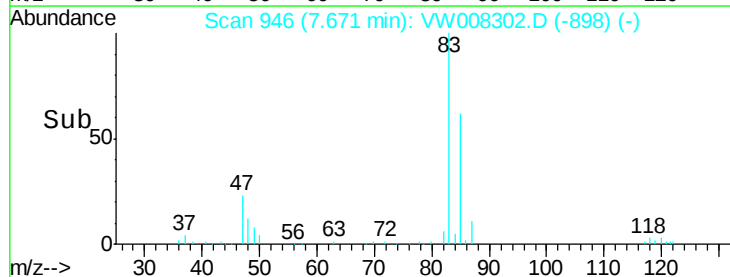
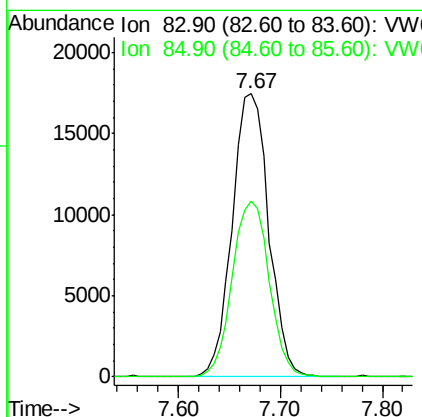
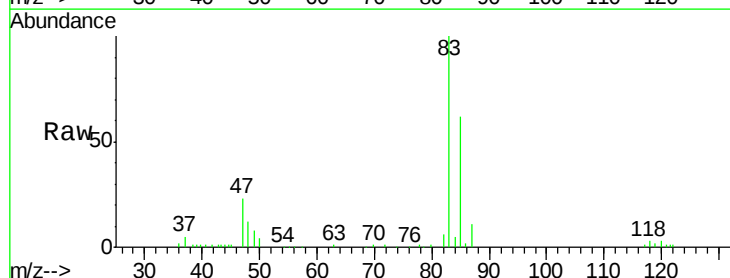
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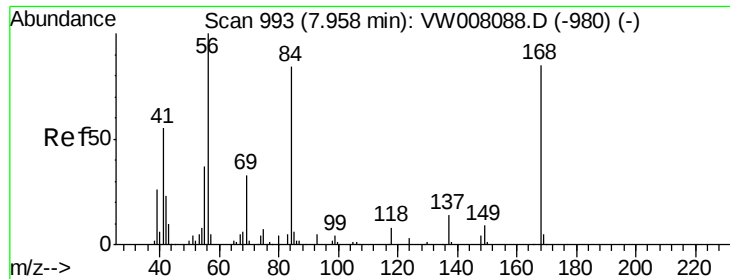
MMDadoda  
1/17/2019 11:33:29 AM



#30  
Chloroform  
Concen: 22.701 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.3  | 53.2  | 79.8  |





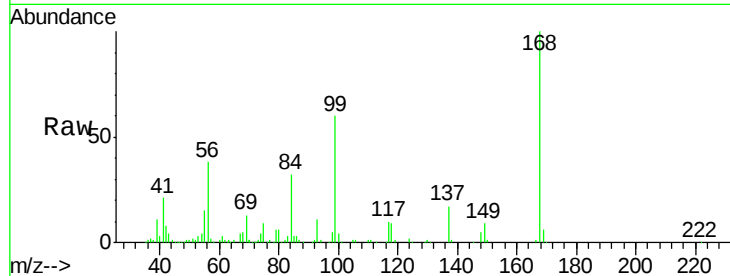
#31  
Cyclohexane  
Concen: 18.848 ug/l  
RT: 7.95 min Scan# 991  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 35.3  | 26.2  | 39.4  |
| 84      | 84.2  | 67.4  | 101.2 |

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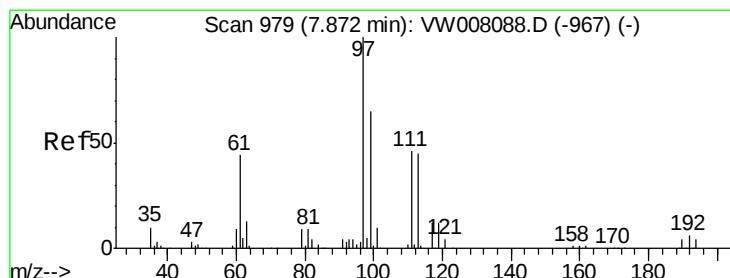
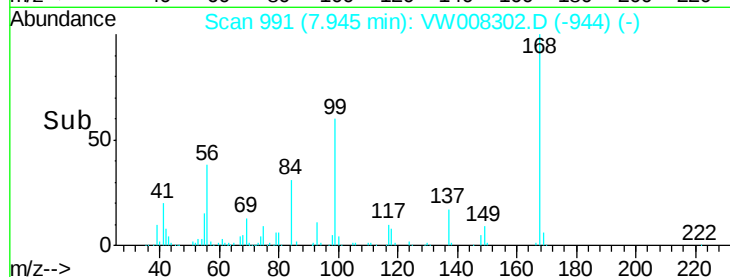
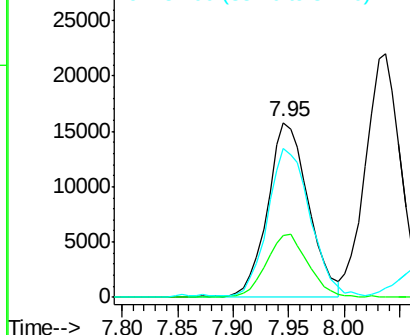


Abundance

Ion 56.00 (55.70 to 56.70): VW

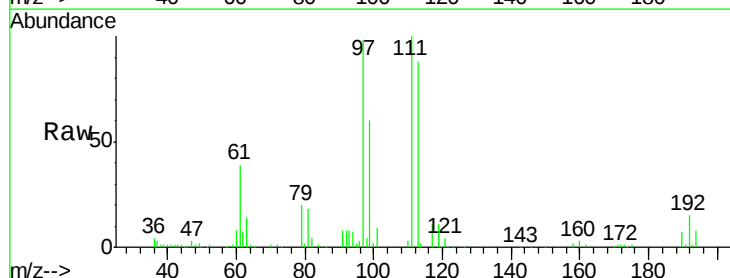
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32  
1,1,1-Trichloroethane  
Concen: 21.303 ug/l  
RT: 7.87 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.6  | 51.4  | 77.0  |
| 61      | 44.6  | 35.6  | 53.4  |

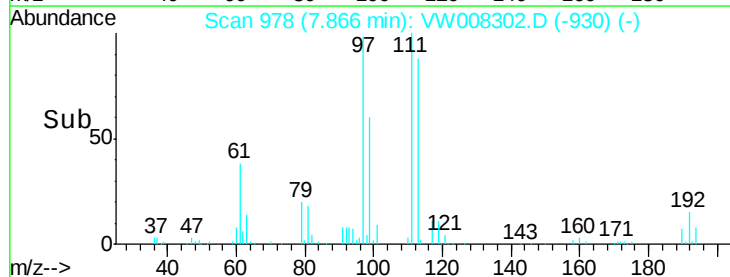
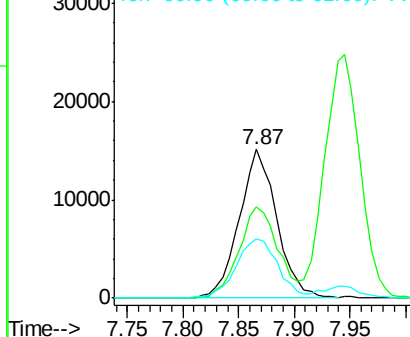


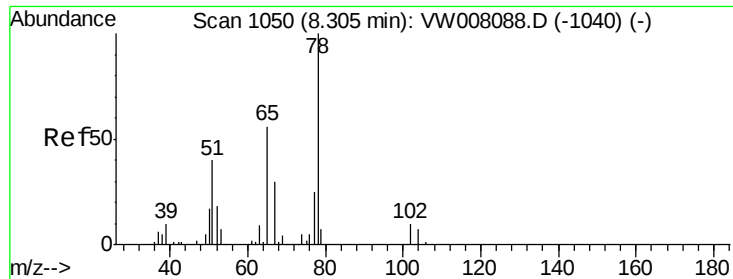
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 46.233 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampled :

VW0116SBS01

Tot Ion: 65 Resp: 47162

Ion Ratio Lower Upper

65 100

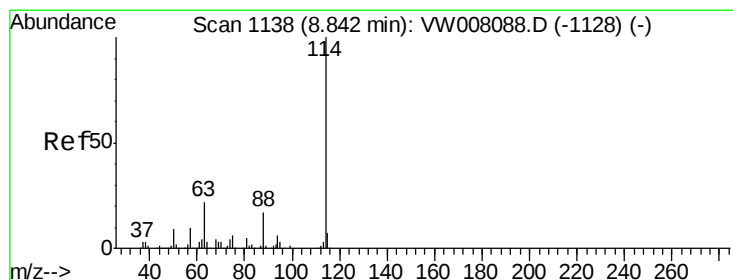
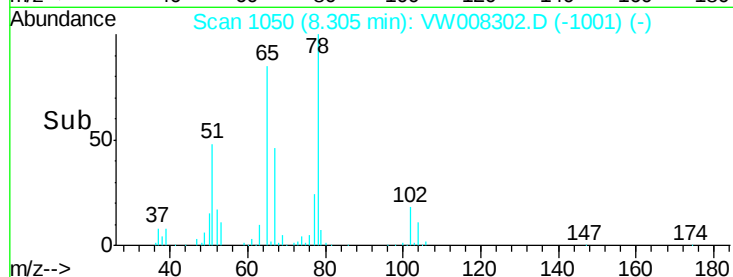
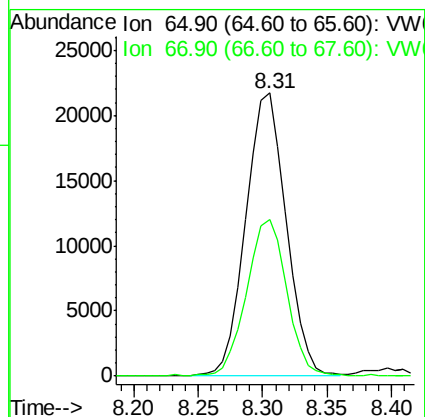
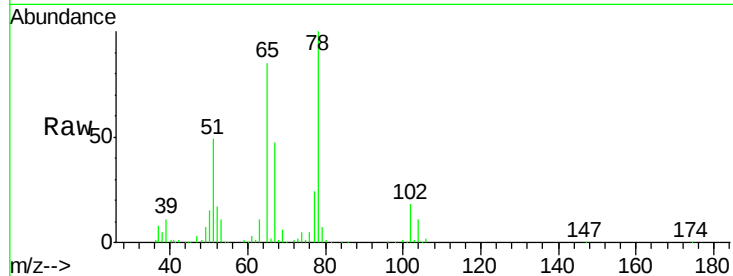
67 55.4 0.0 106.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

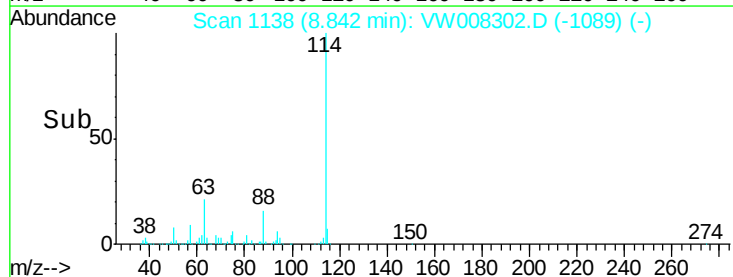
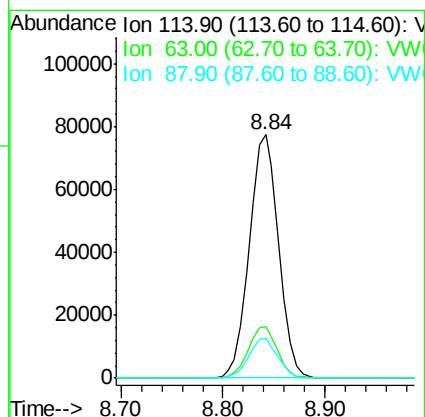
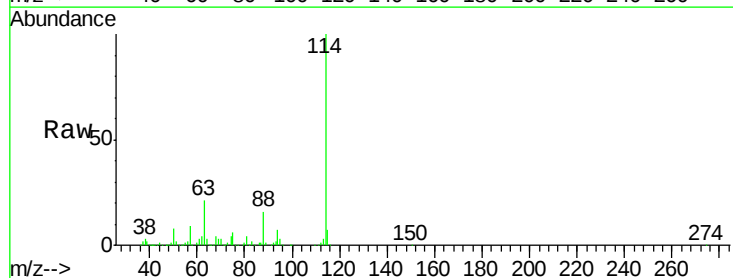
Tgt Ion: 114 Resp: 154694

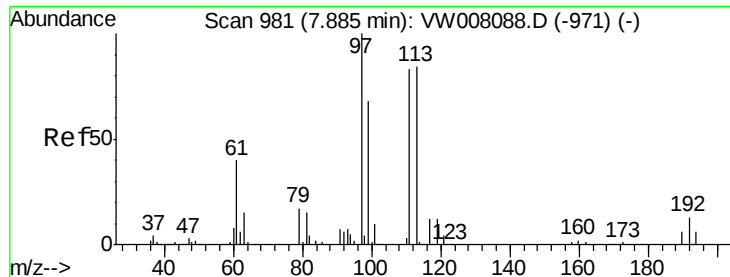
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.491 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

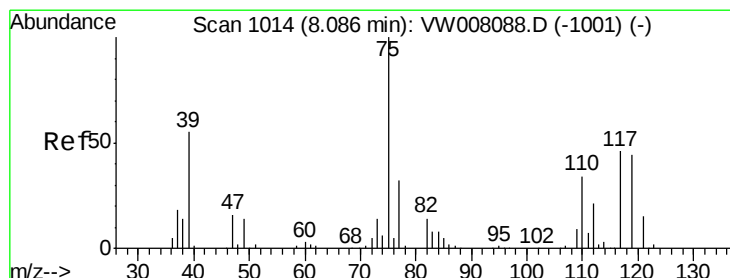
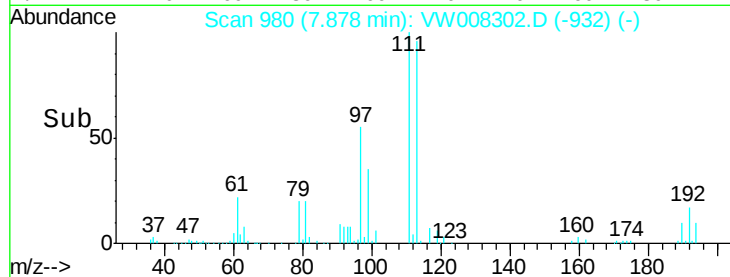
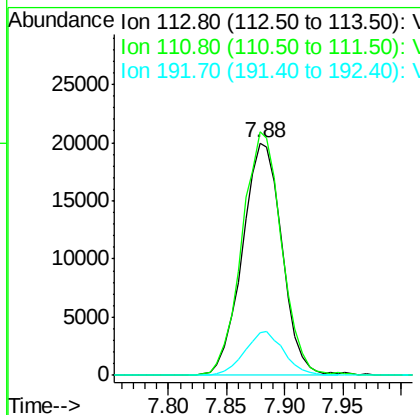
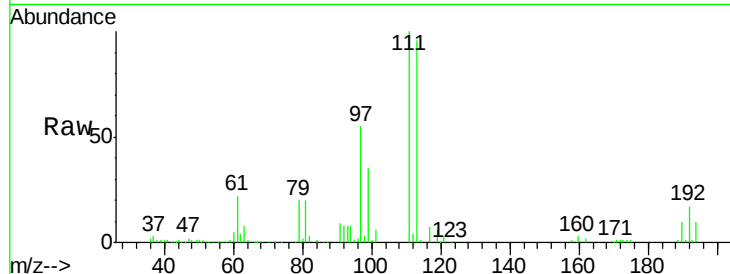
ClientSampleId :

VW0116SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 47359 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 105.6 | 81.8  | 122.8 |
| 192      | 18.6  | 12.8  | 19.2  |

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#36

1,1-Dichloropropene

Concen: 21.587 ug/l

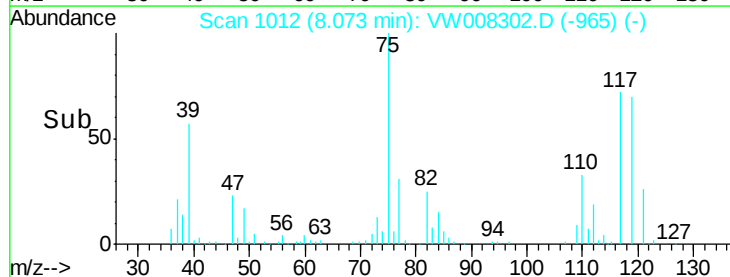
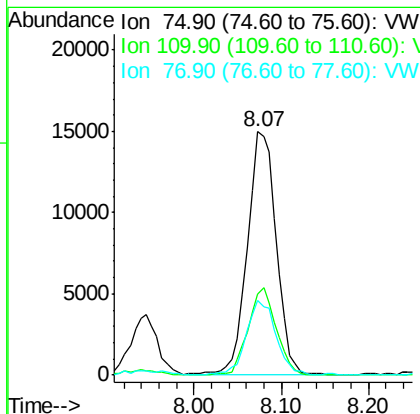
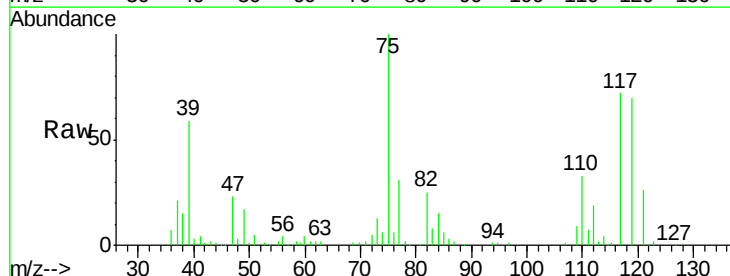
RT: 8.07 min Scan# 1012

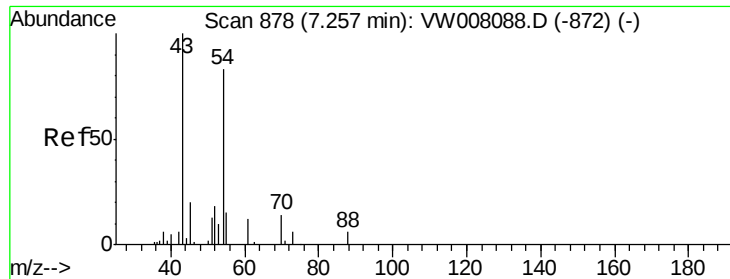
Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 34399 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 34.8  | 17.1  | 51.3  |
| 77       | 31.5  | 25.5  | 38.3  |





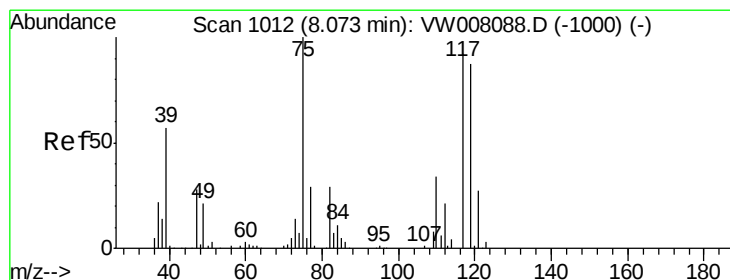
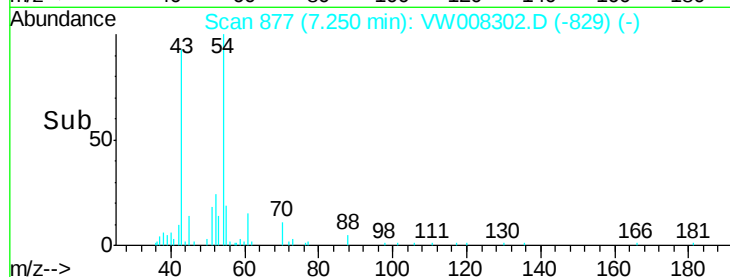
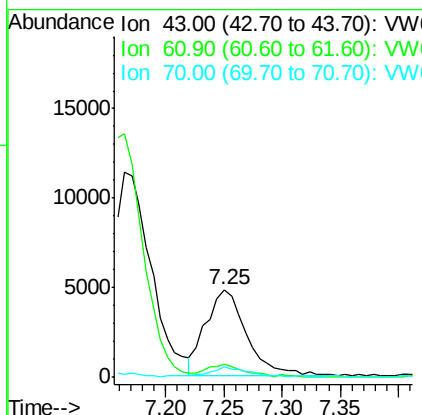
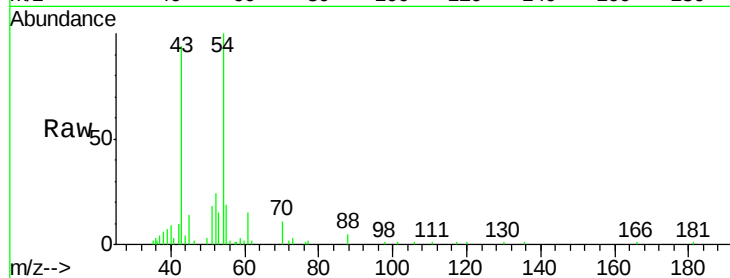
#37  
Ethyl Acetate  
Concen: 18.001 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

Tot Ion: 43 Resp: 11492  
Ion Ratio Lower Upper  
43 100  
61 13.8 10.6 16.0  
70 13.3 8.9 13.3

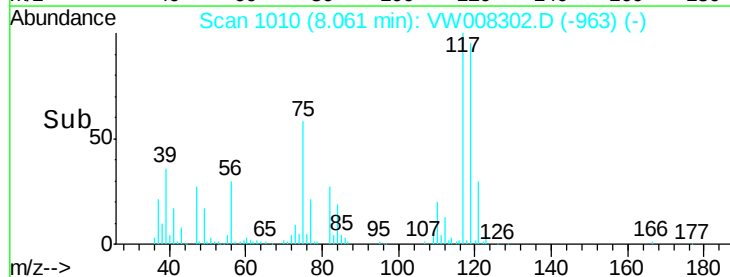
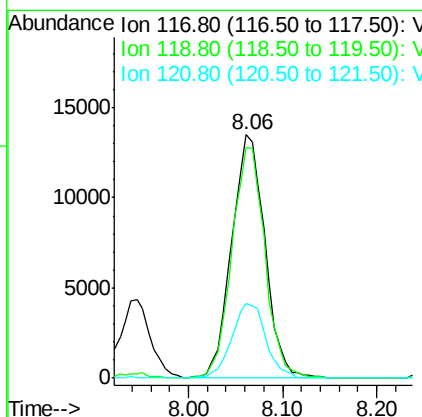
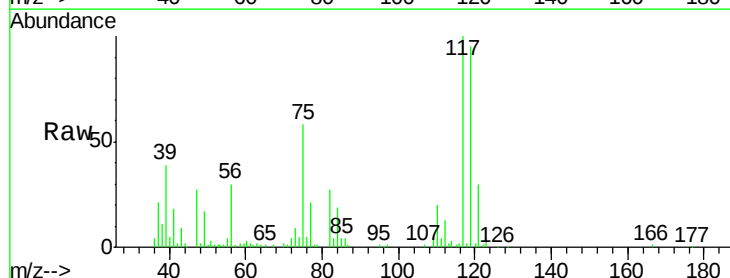
Manual Integrations  
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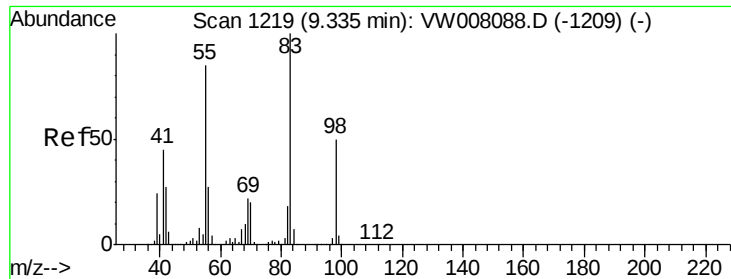
MMDadoda  
1/17/2019 11:33:29 AM



#38  
Carbon Tetrachloride  
Concen: 22.843 ug/l  
RT: 8.06 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Tgt Ion: 117 Resp: 33316  
Ion Ratio Lower Upper  
117 100  
119 95.1 75.8 113.8  
121 30.5 23.7 35.5





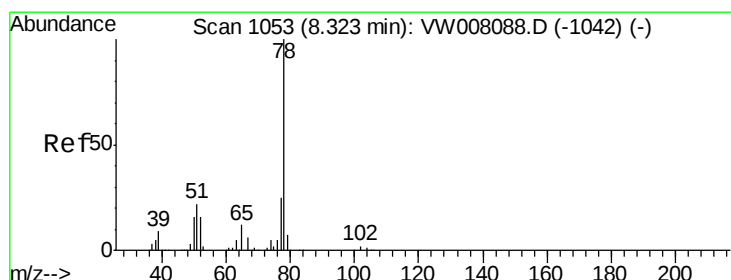
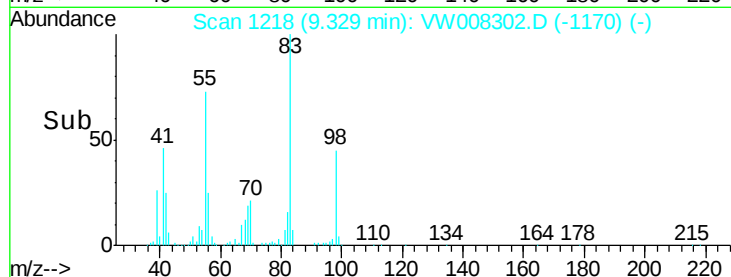
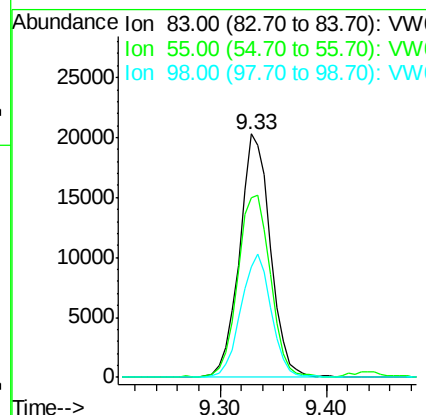
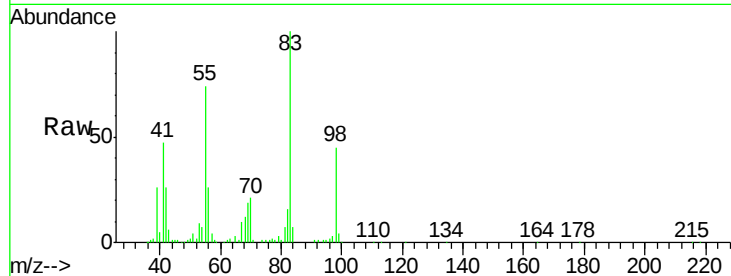
#39  
Methvlcvclohexane  
Concen: 20.464 ug/l  
RT: 9.33 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | 83    | Resp  | 41348 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 55      | 73.7  | 67.8  | 101.6 |
| 98      | 45.3  | 40.2  | 60.4  |

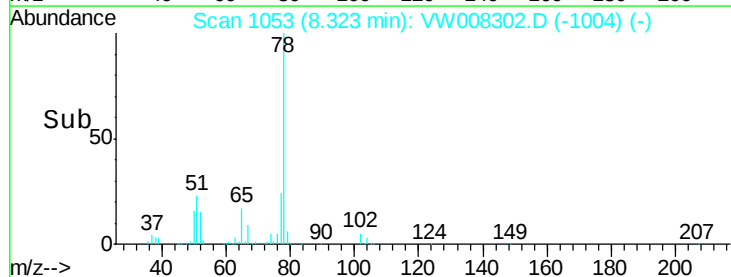
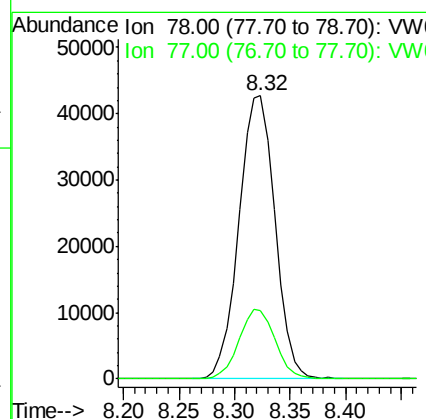
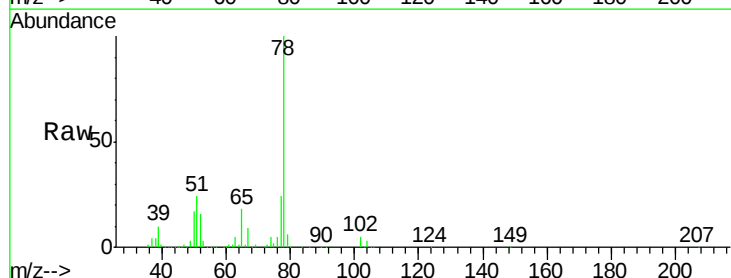
Manual Integrations  
APPROVED

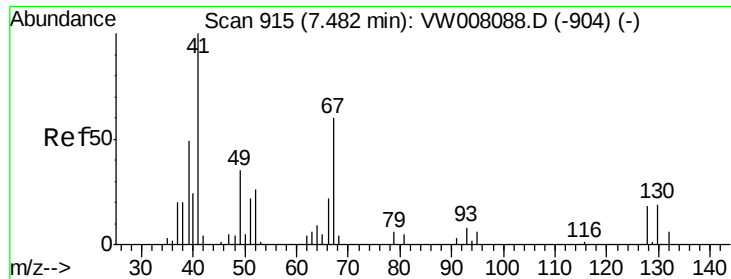
MMDadoda  
1/17/2019 11:33:29 AM



#40  
Benzene  
Concen: 22.203 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | 78    | Resp  | 95964 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 78      | 100   |       |       |
| 77      | 24.1  | 20.2  | 30.4  |





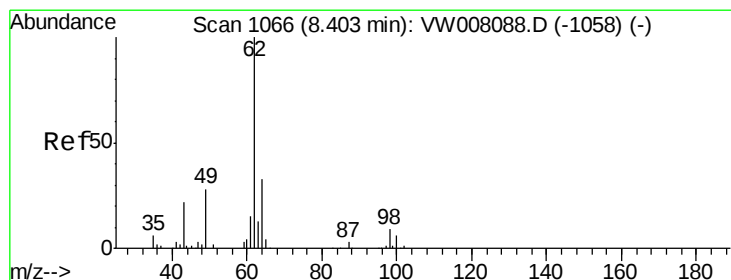
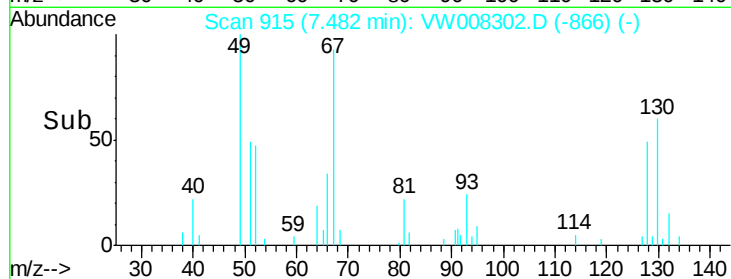
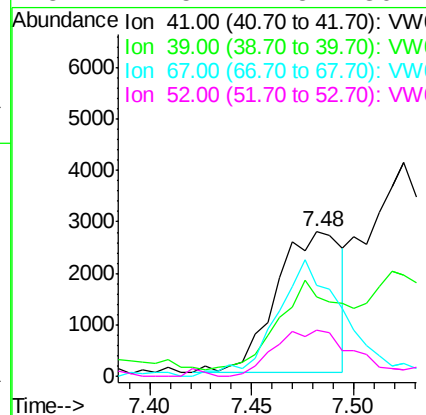
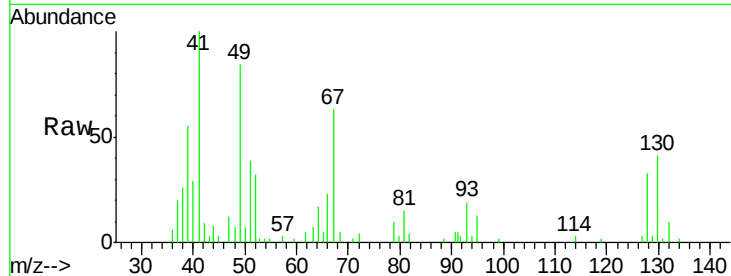
#41  
Methacrylonitrile  
Concen: 15.238 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | 41    | Resp  | 6145  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 61.6  | 47.9  | 71.9  |
| 67      | 86.1  | 56.3  | 84.5# |
| 52      | 41.5  | 24.5  | 36.7# |

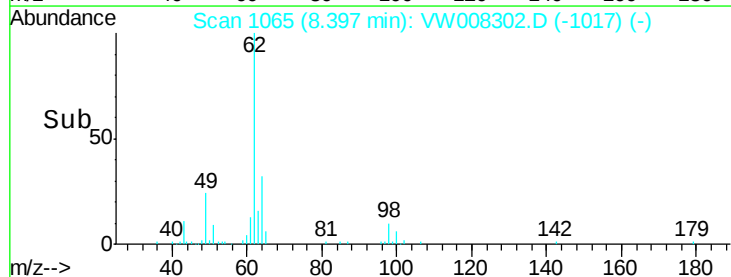
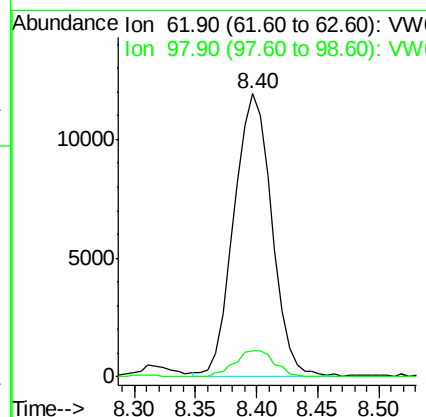
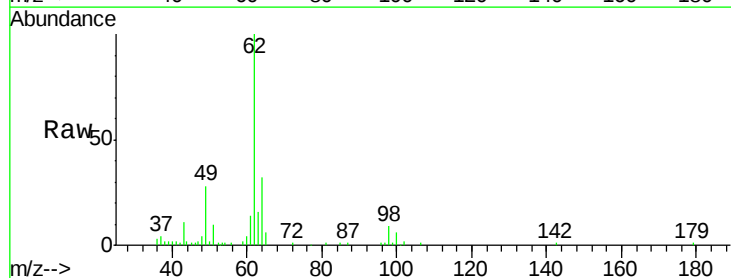
Manual Integrations  
APPROVED

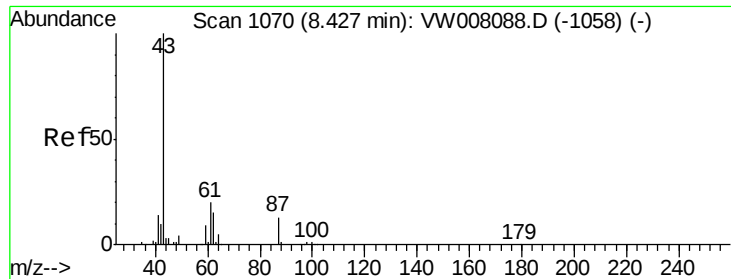
MMDadoda  
1/17/2019 11:33:29 AM



#42  
1,2-Dichloroethane  
Concen: 21.164 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | 62    | Resp  | 25727 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 9.8   | 0.0   | 18.6  |





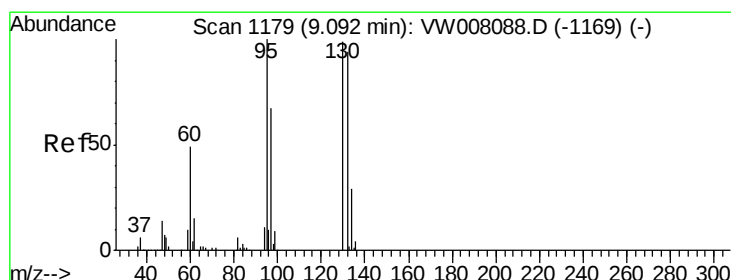
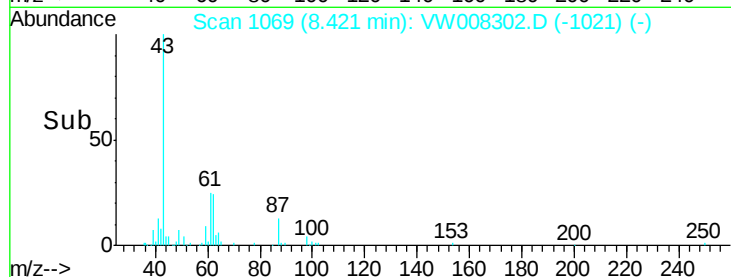
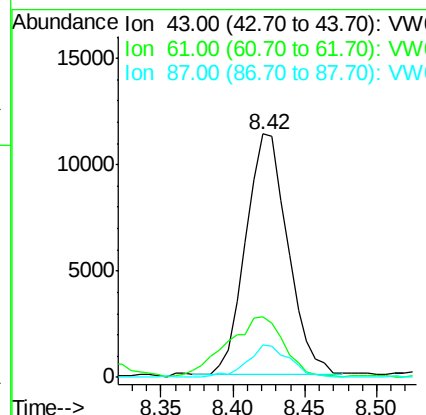
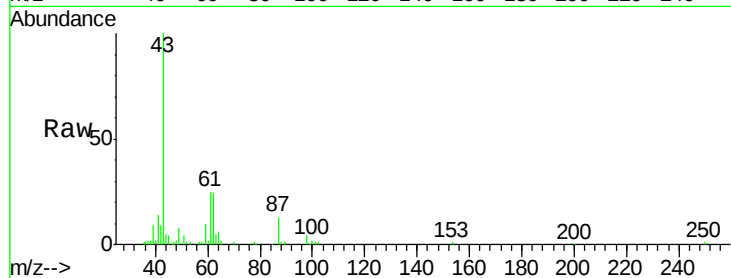
#43  
Isopropyl Acetate  
Concen: 17.957 ug/l  
RT: 8.42 min Scan# 1069  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 34.3  | 24.8  | 37.2  |
| 87      | 13.3  | 10.4  | 15.6  |

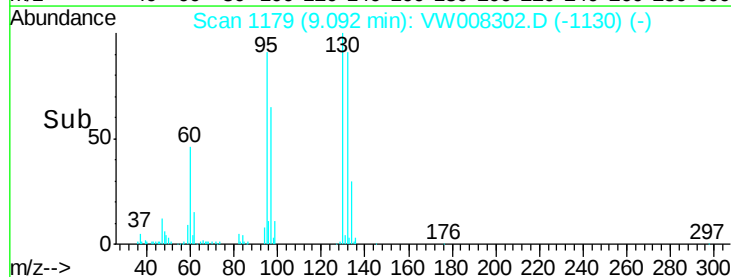
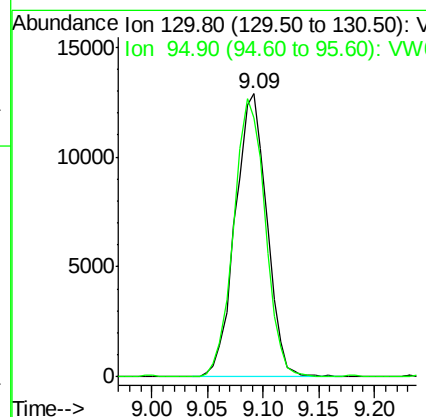
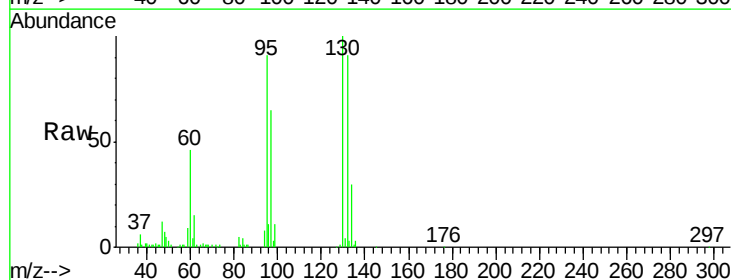
Manual Integrations  
APPROVED

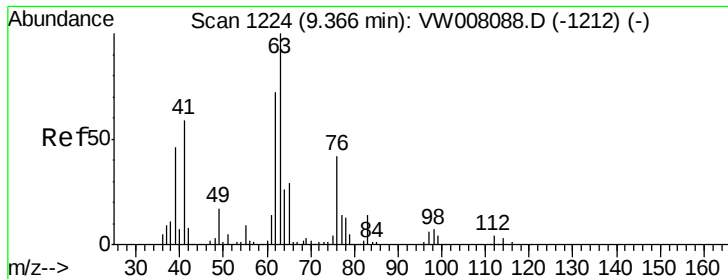
MMDadoda  
1/17/2019 11:33:29 AM



#44  
Trichloroethene  
Concen: 22.937 ug/l  
RT: 9.09 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.4  | 0.0   | 202.8 |





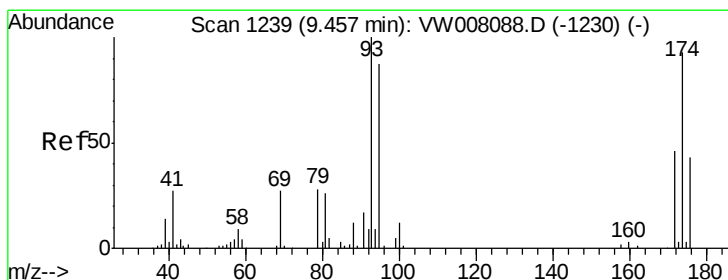
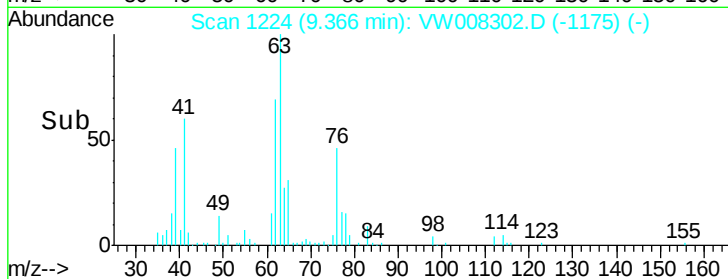
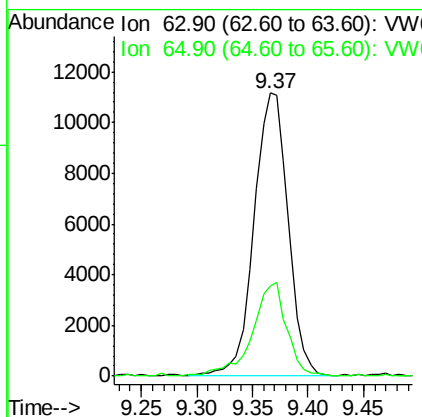
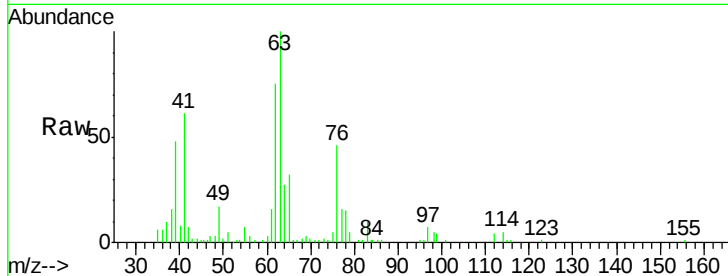
#45  
 1,2-Dichloropropane  
 Concen: 22.198 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.8  | 23.3  | 34.9  |

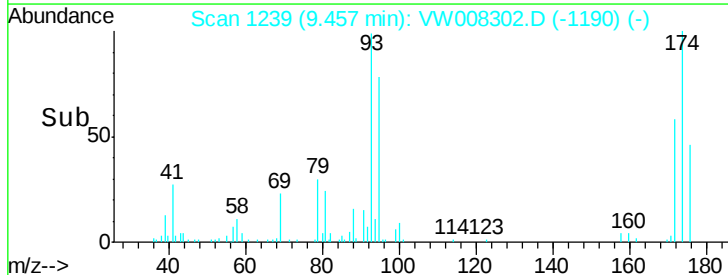
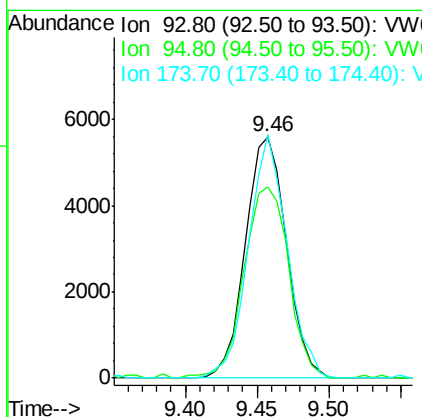
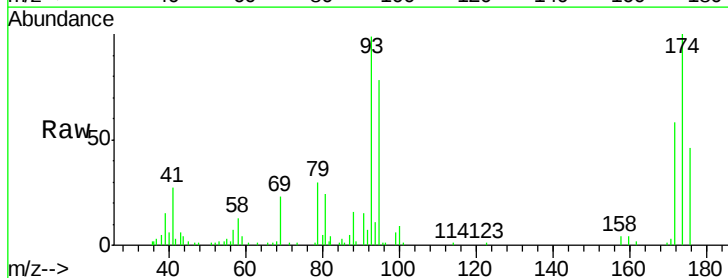
Manual Integrations  
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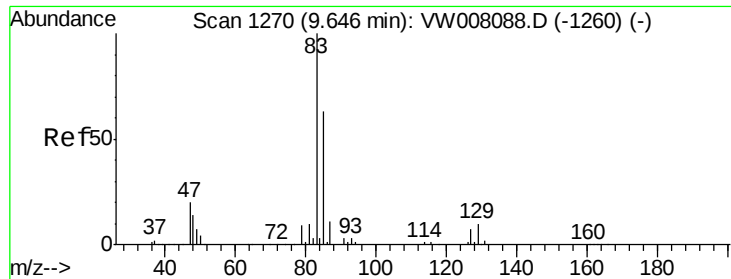
MMDadoda  
 1/17/2019 11:33:29 AM



#46  
 Dibromomethane  
 Concen: 20.963 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 86.2  | 67.5  | 101.3 |
| 174     | 94.6  | 72.5  | 108.7 |





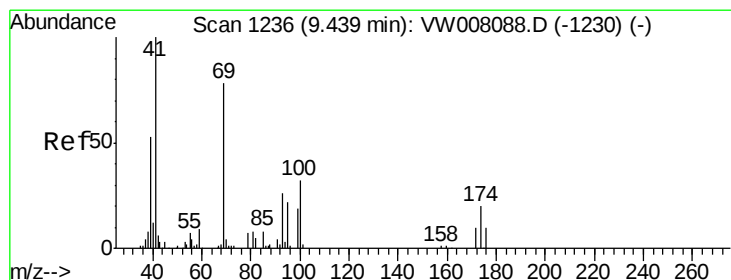
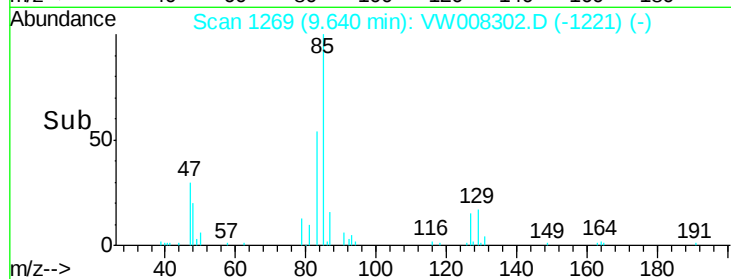
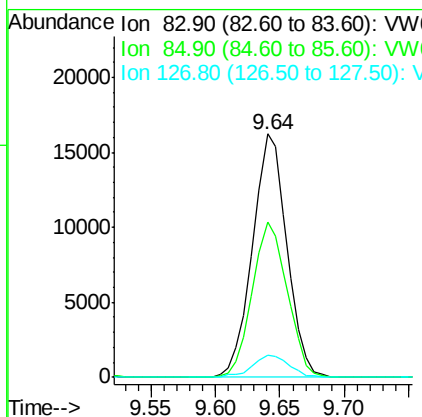
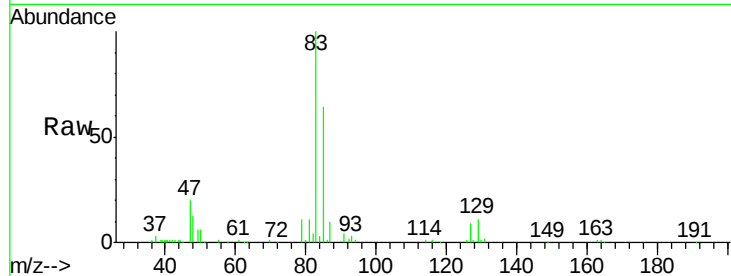
#47  
Bromodichloromethane  
Concen: 22.387 ug/l  
RT: 9.64 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion   | 83   | Resp  | 29918 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 63.6 | 50.7  | 76.1  |
| 127       | 9.2  | 6.0   | 9.0#  |

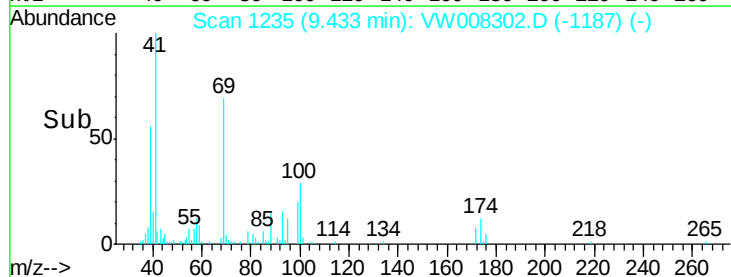
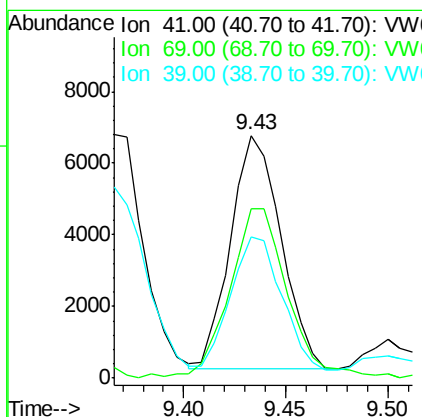
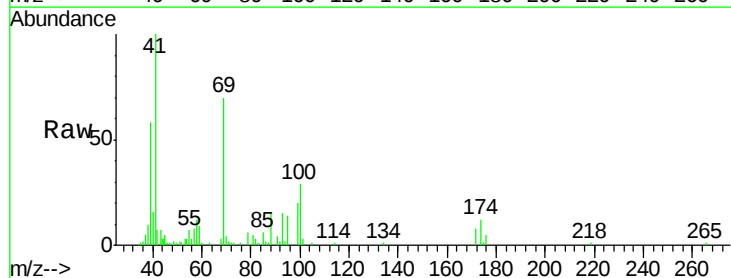
Manual Integrations  
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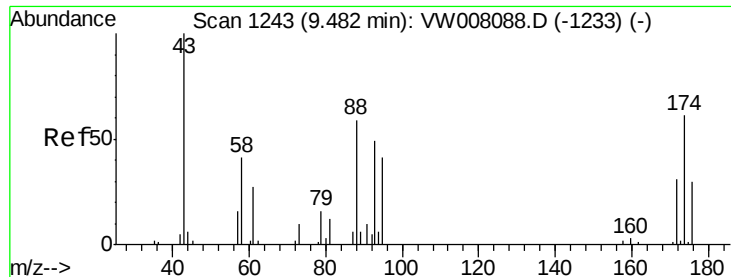
MMDadoda  
1/17/2019 11:33:29 AM



#48  
Methyl methacrylate  
Concen: 18.524 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion   | 41   | Resp  | 11157 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 84.8 | 61.9  | 92.9  |
| 39        | 58.0 | 43.0  | 64.4  |





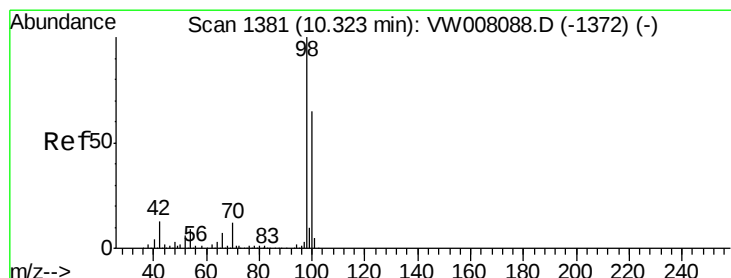
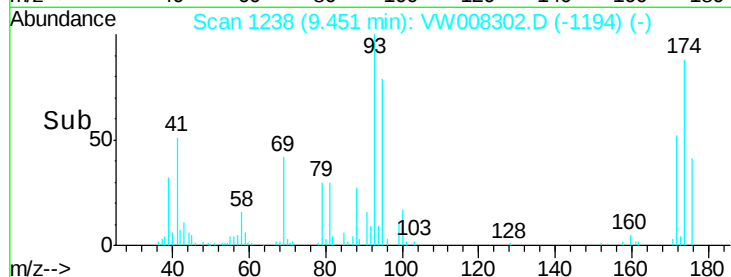
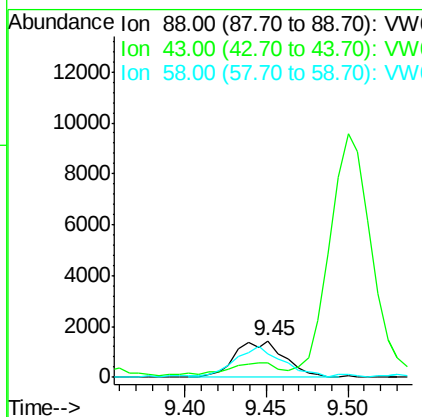
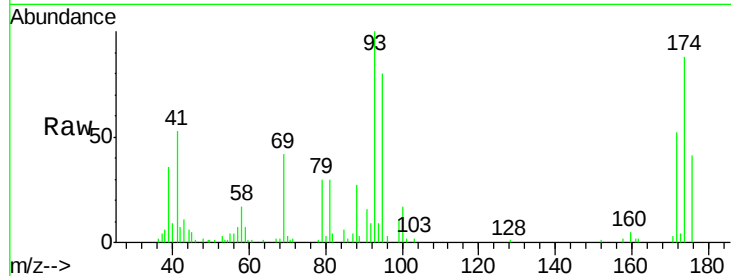
#49  
1,4-Dioxane  
Concen: 352.080 ug/l  
RT: 9.45 min Scan# 1238  
Delta R.T. -0.03 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion   | 88    | Resp  | 2980 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 88        | 100   |       |      |
| 43        | 36.1  | 0.0   | 0.0# |
| 58        | 85.8  | 61.7  | 92.5 |

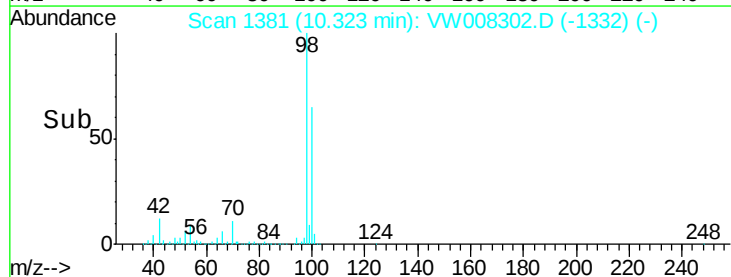
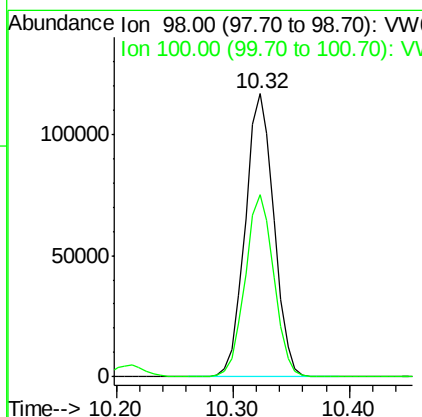
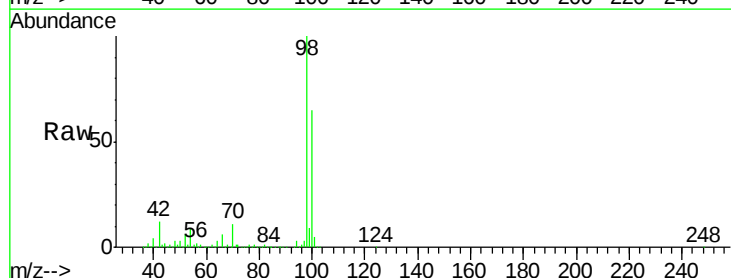
Manual Integrations  
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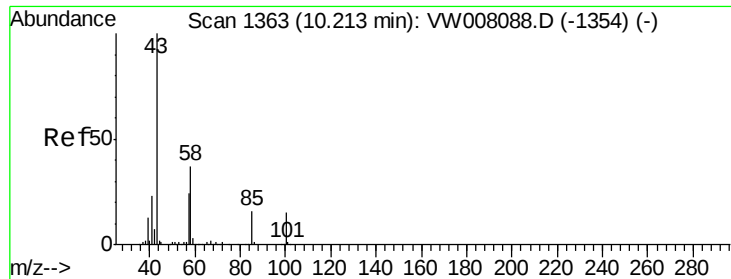
MMDadoda  
1/17/2019 11:33:29 AM



#50  
Toluene-d8  
Concen: 53.069 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion   | 98    | Resp  | 200927 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 64.5  | 51.7  | 77.5   |





#51

4-Methyl-2-Pentanone

Concen: 92.987 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion: 43 Resp: 57453

Ion Ratio Lower Upper

43 100

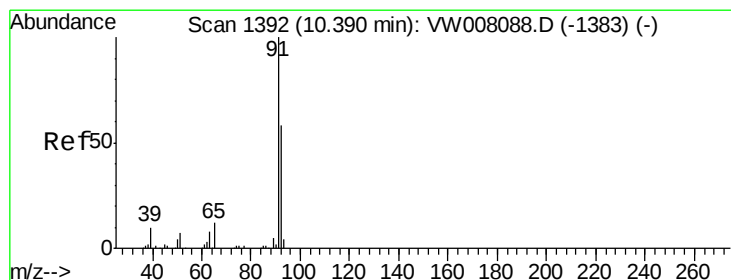
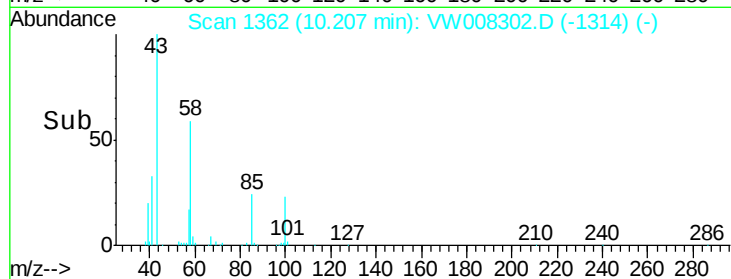
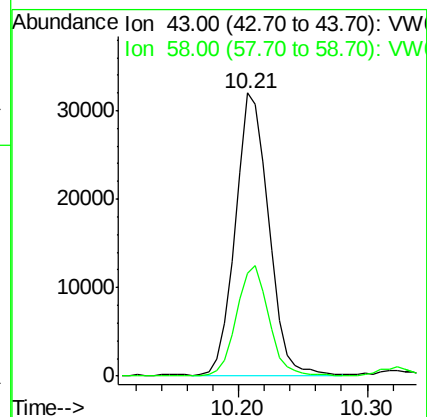
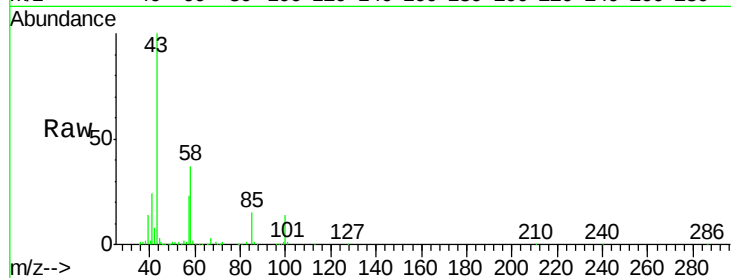
58 38.4 30.6 46.0

Manual Integrations

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#52

Toluene

Concen: 22.253 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008302.D

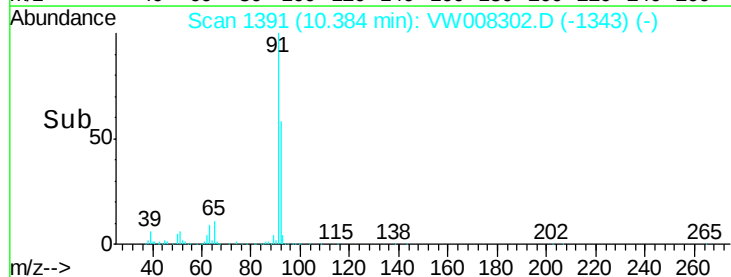
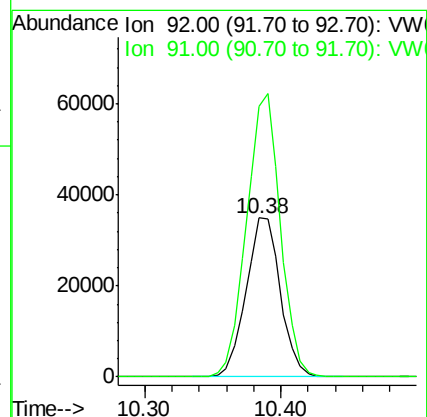
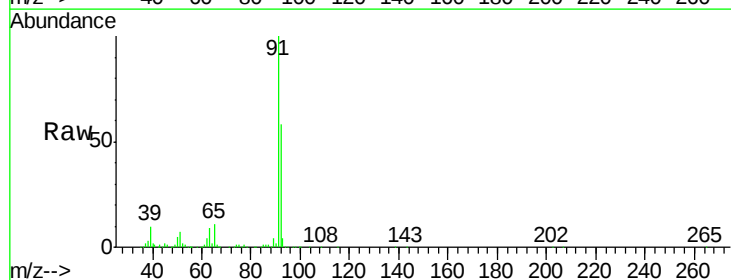
Acq: 16 Jan 2019 12:28

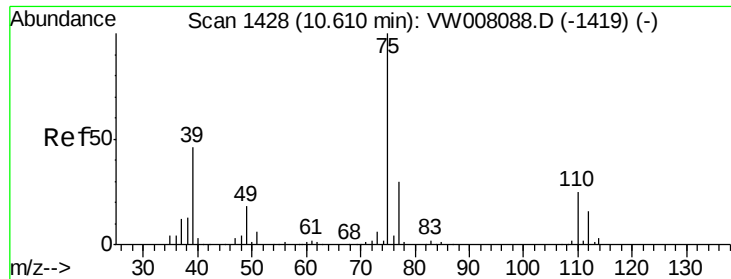
Tgt Ion: 92 Resp: 61423

Ion Ratio Lower Upper

92 100

91 175.7 137.0 205.4





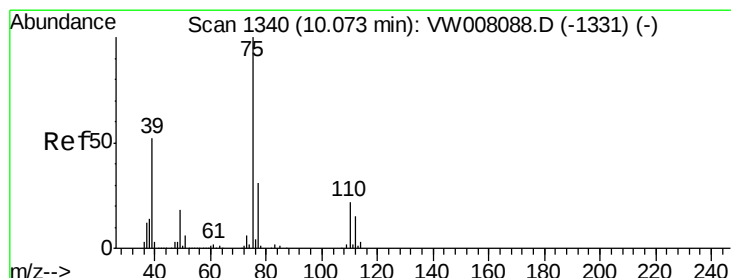
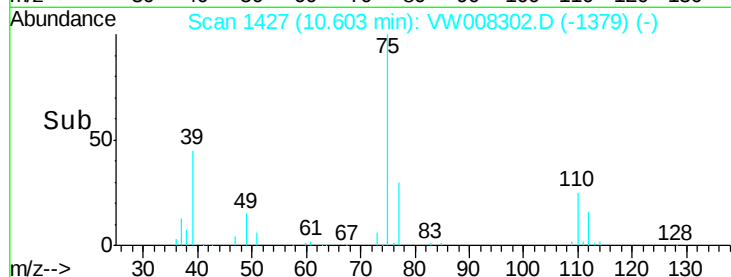
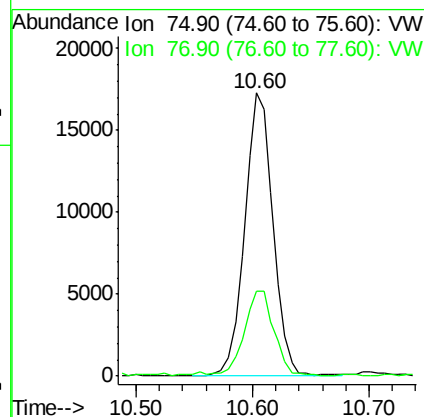
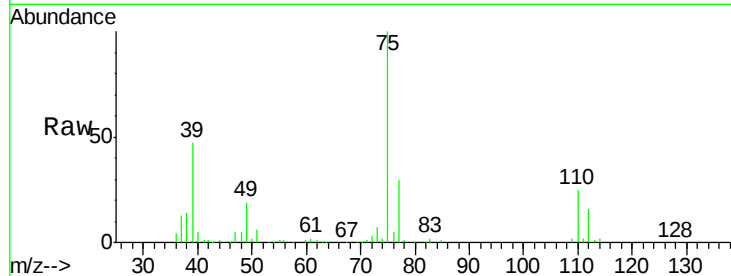
#53  
 t-1,3-Dichloropropene  
 Concen: 21.095 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.01 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0116SBS01

Tot Ion: 75 Resp: 29324  
 Ion Ratio Lower Upper  
 75 100  
 77 29.3 24.4 36.6

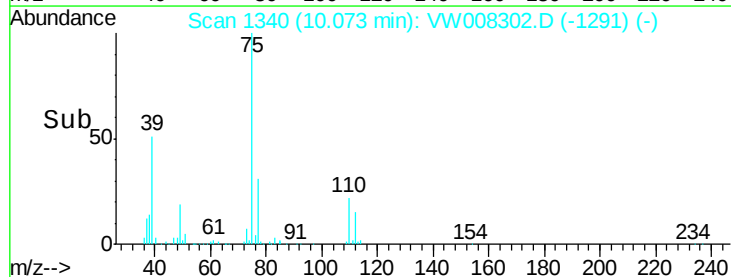
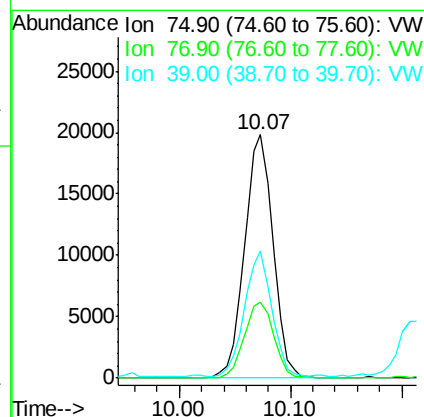
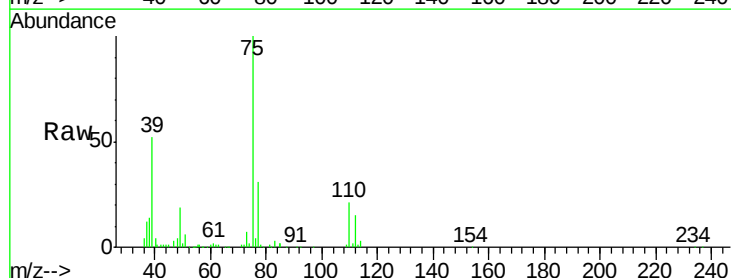
Manual Integrations  
 APPROVED

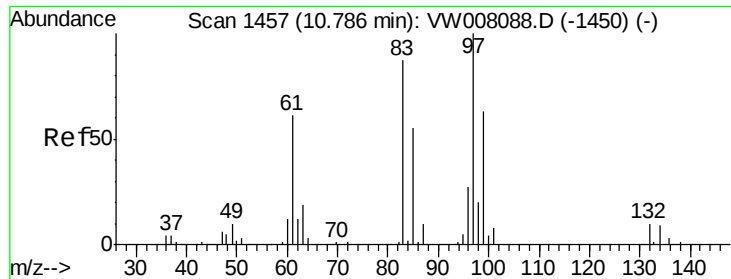
MMDadoda  
 1/17/2019 11:33:29 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.323 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Tgt Ion: 75 Resp: 35149  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.2 37.8  
 39 51.4 41.4 62.0





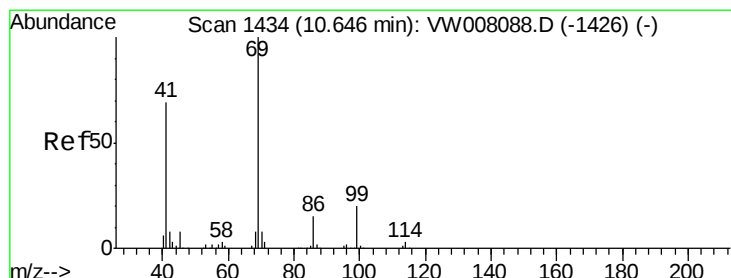
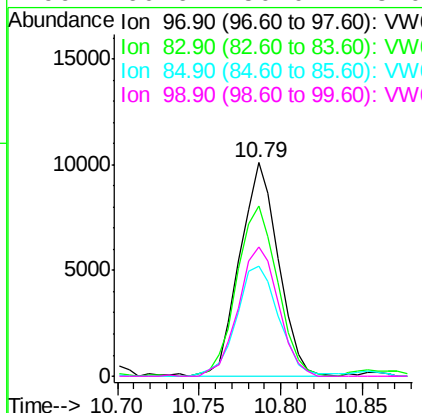
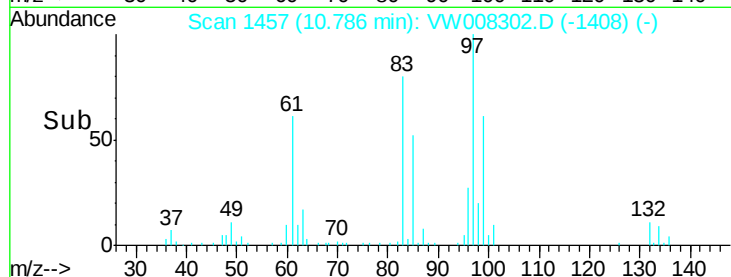
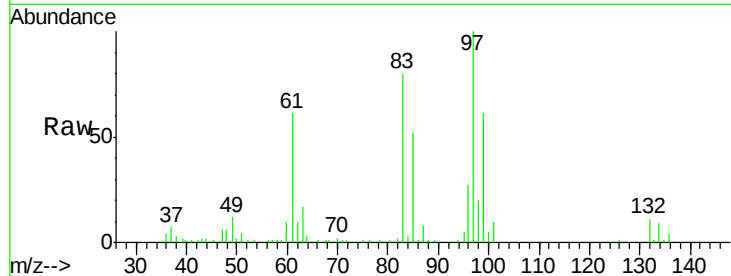
#55  
 1,1,2-Trichloroethane  
 Concen: 22.577 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0116SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 16683 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.0  | 69.3  | 103.9 |
| 85       | 51.6  | 43.8  | 65.6  |
| 99       | 60.6  | 50.0  | 75.0  |

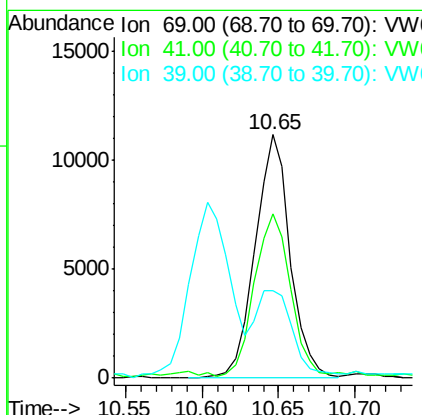
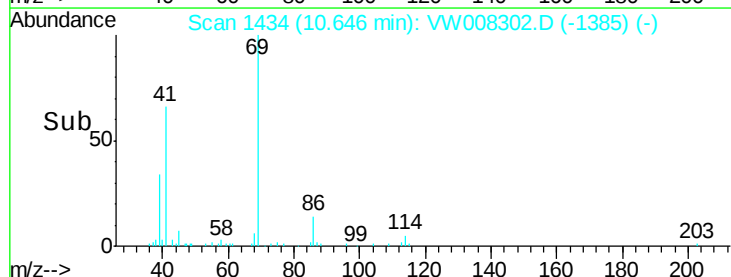
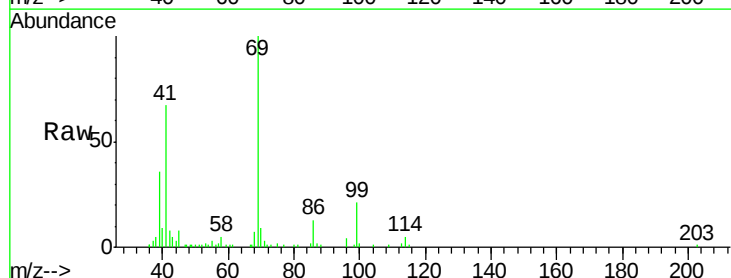
Manual Integrations  
 APPROVED

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 1/17/2019 11:33:29 AM



#56  
 Ethyl methacrylate  
 Concen: 19.438 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 17788 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.7  | 56.4  | 84.6  |
| 39       | 35.7  | 28.1  | 42.1  |





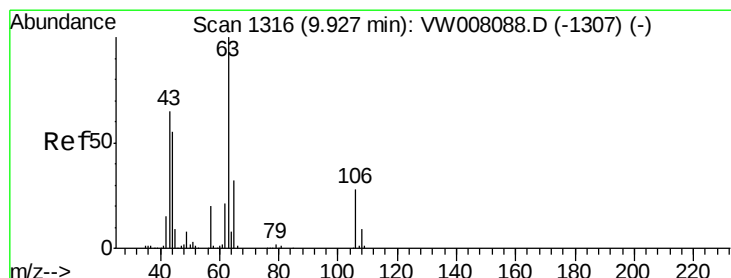
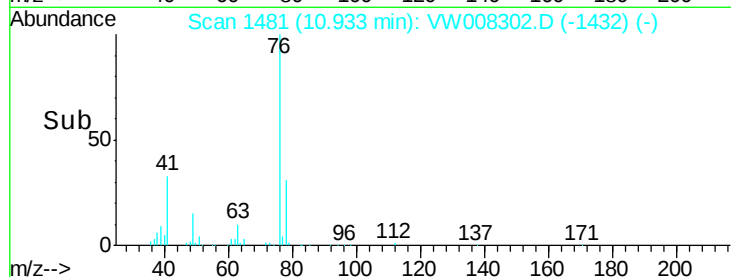
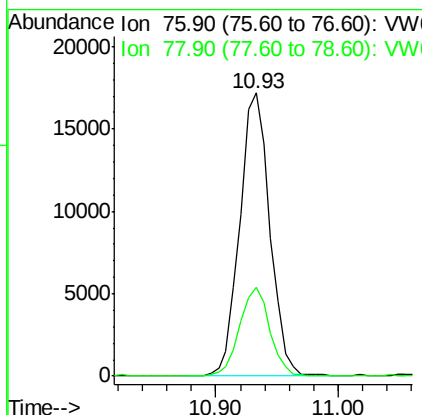
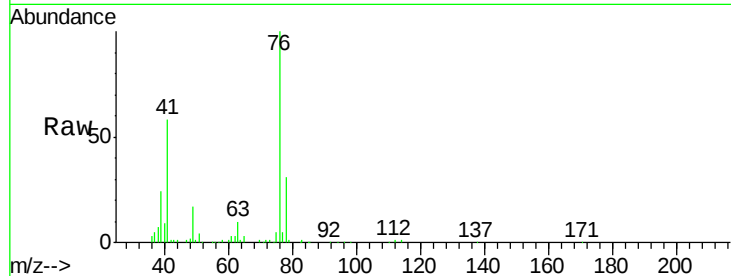
#57  
 1,3-Dichloropropane  
 Concen: 21.737 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0116SBS01

Tot Ion: 76 Resp: 29376  
 Ion Ratio Lower Upper  
 76 100  
 78 31.4 25.7 38.5

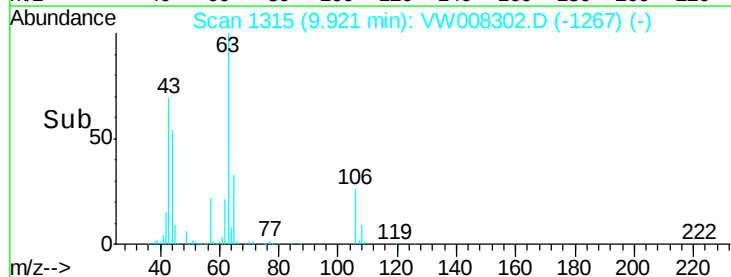
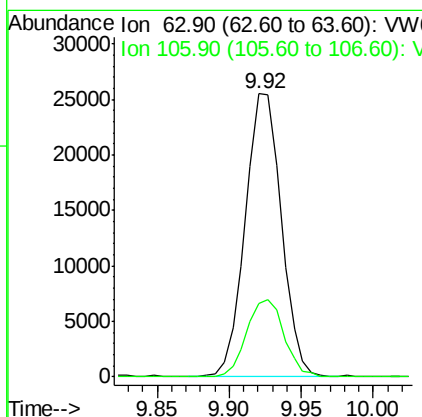
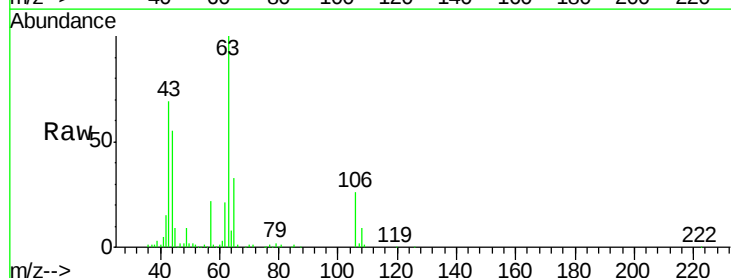
Manual Integrations  
 APPROVED

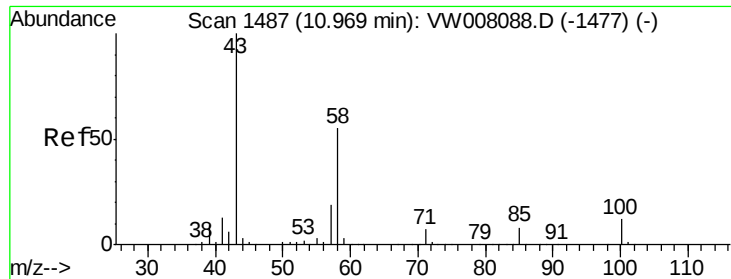
MMDadoda  
 1/17/2019 11:33:29 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 93.967 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Tgt Ion: 63 Resp: 44418  
 Ion Ratio Lower Upper  
 63 100  
 106 28.1 21.8 32.6





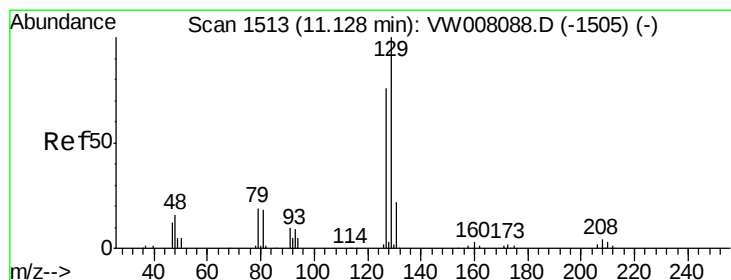
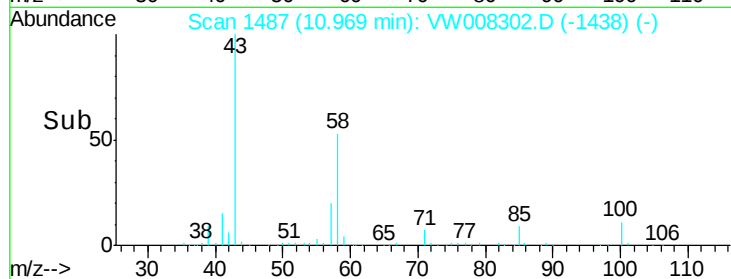
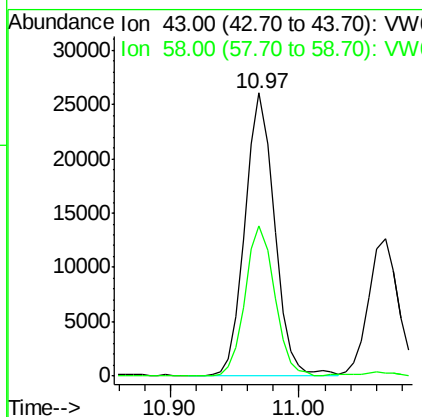
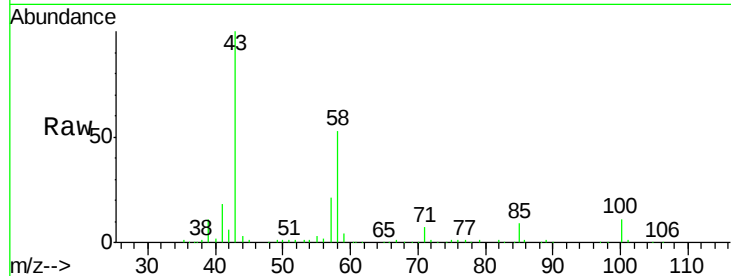
#59  
2-Hexanone  
Concen: 99.202 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

Tot Ion: 43 Resp: 41449  
Ion Ratio Lower Upper  
43 100  
58 52.9 27.2 81.5

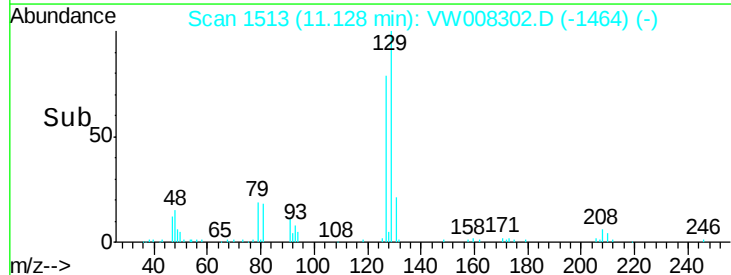
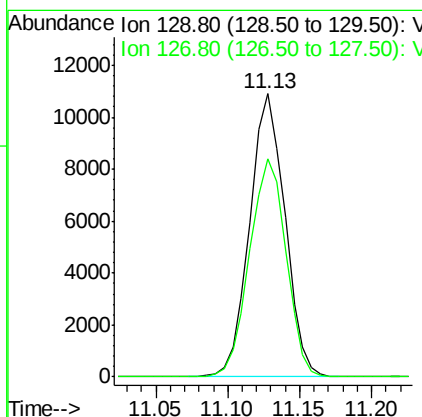
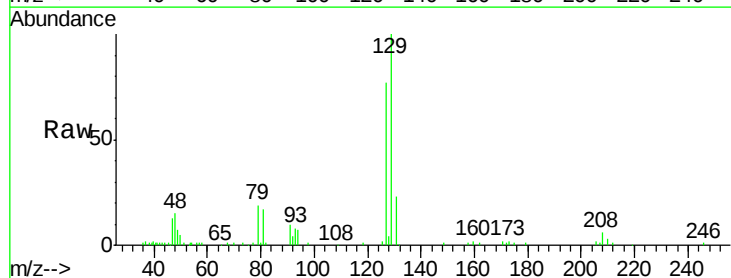
Manual Integrations  
APPROVED

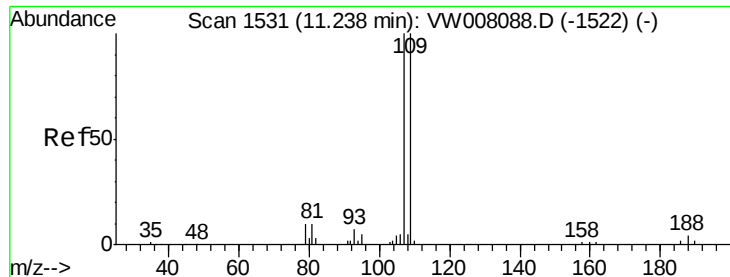
MMDadoda  
1/17/2019 11:33:29 AM



#60  
Dibromochloromethane  
Concen: 22.725 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Tgt Ion:129 Resp: 18440  
Ion Ratio Lower Upper  
129 100  
127 79.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 22.012 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion:107 Resp: 15434

Ion Ratio Lower Upper

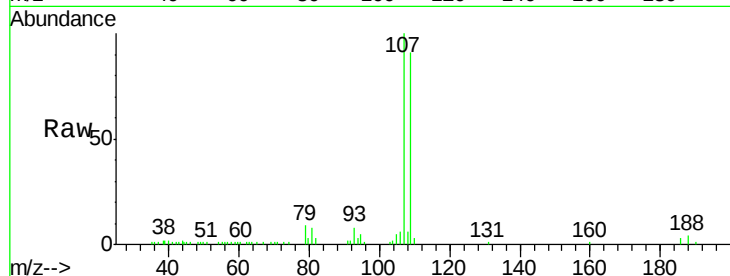
107 100

109 92.3 75.9 113.9

Manual Integrations  
APPROVED

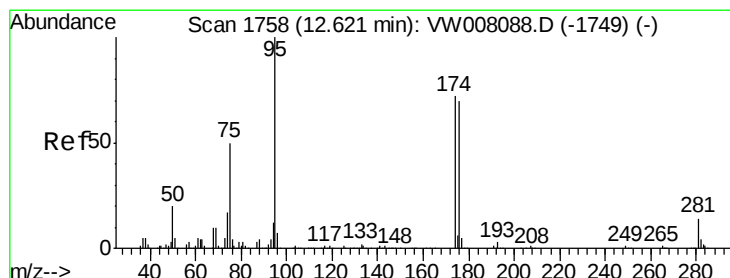
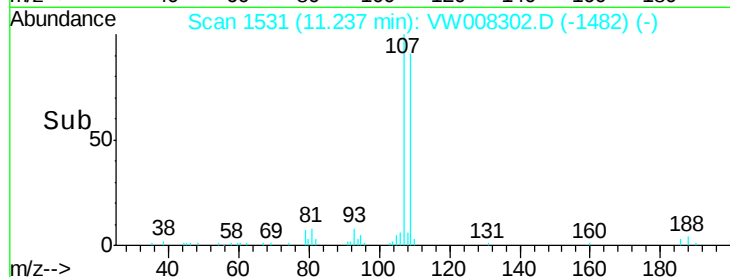
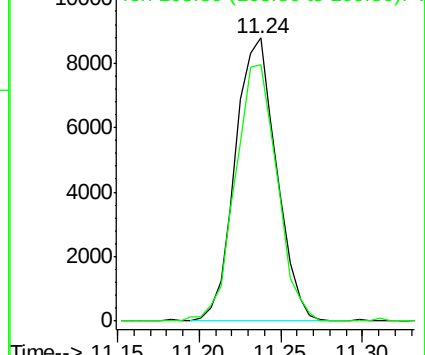
MMDadoda

1/17/2019 11:33:29 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.504 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

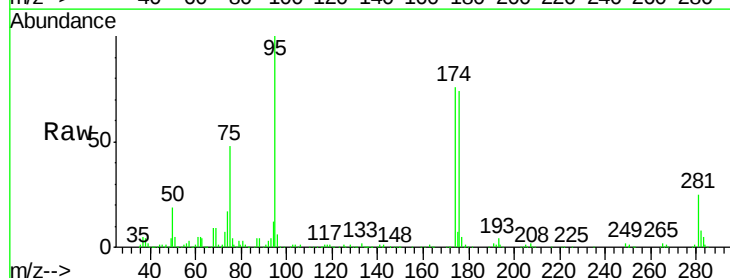
Tgt Ion: 95 Resp: 71265

Ion Ratio Lower Upper

95 100

174 76.3 0.0 143.0

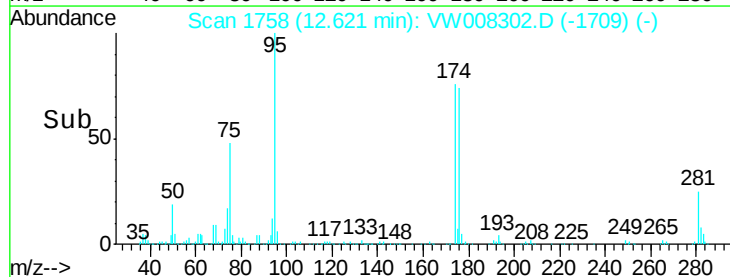
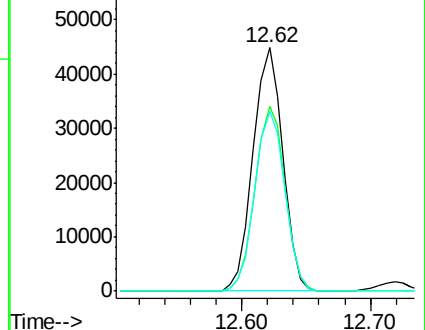
176 74.9 0.0 140.2

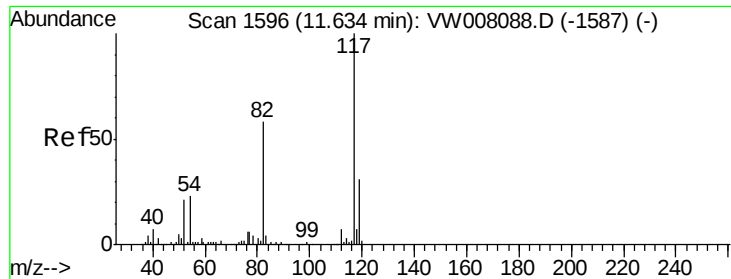


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





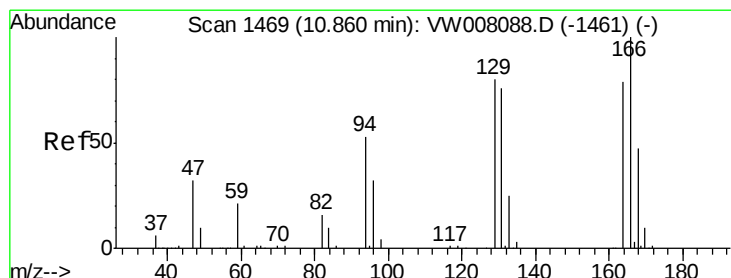
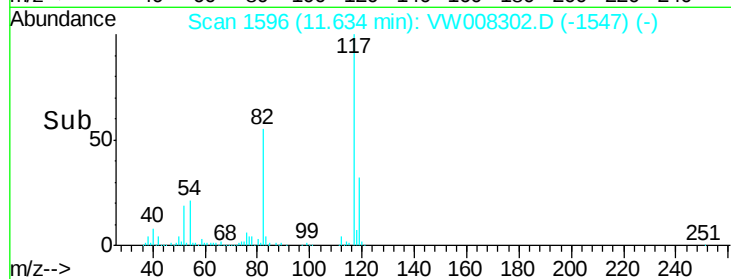
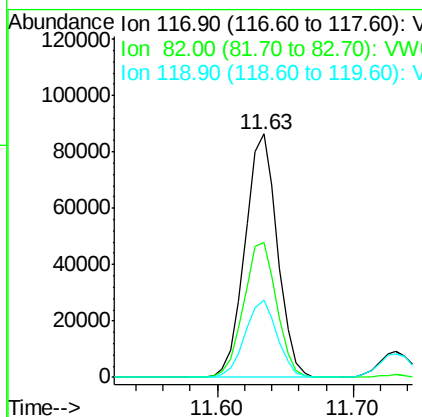
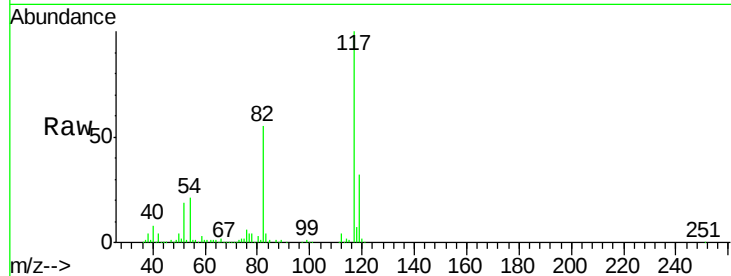
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.1  | 46.4  | 69.6  |
| 119     | 31.6  | 24.7  | 37.1  |

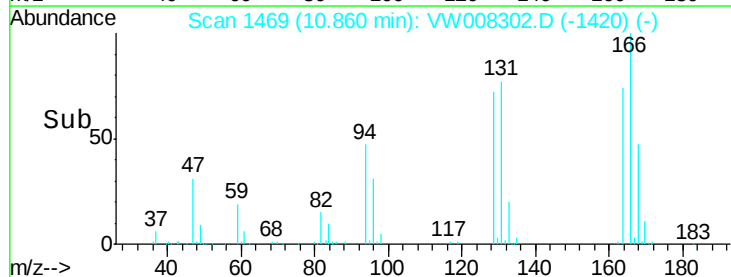
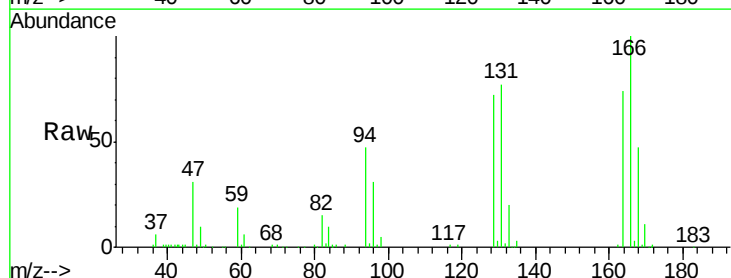
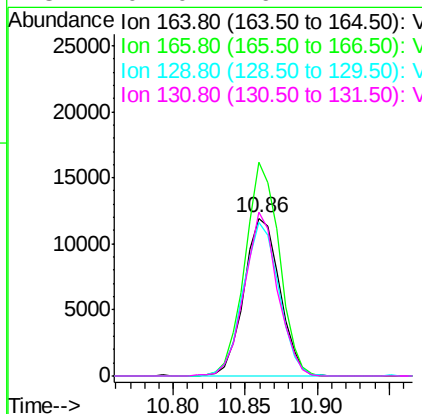
Manual Integrations  
APPROVED

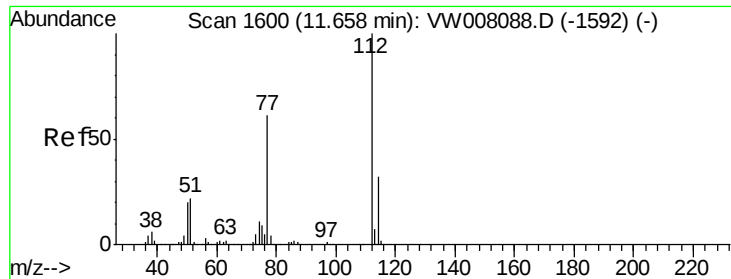
MMDadoda  
1/17/2019 11:33:29 AM



#64  
Tetrachloroethene  
Concen: 21.949 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 135.5 | 100.7 | 151.1 |
| 129     | 97.6  | 81.0  | 121.4 |
| 131     | 104.0 | 76.1  | 114.1 |





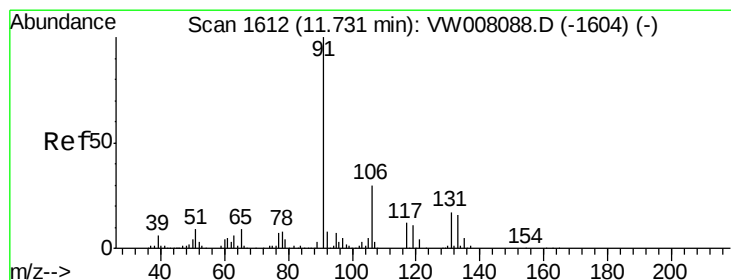
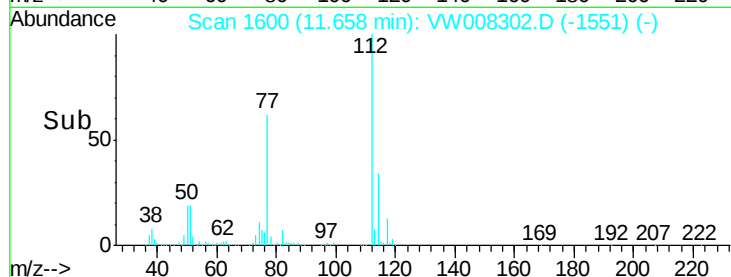
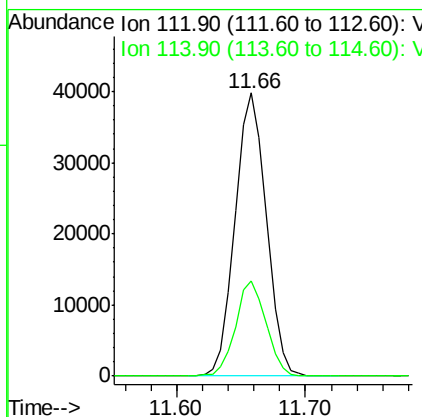
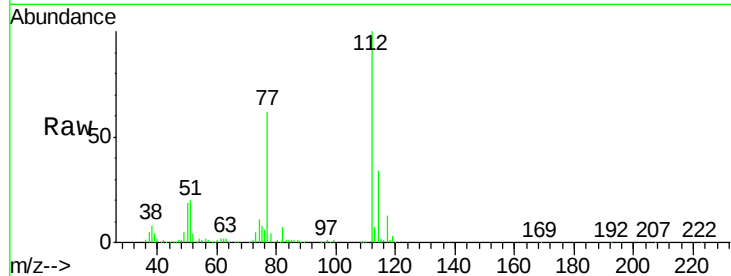
#65  
Chlorobenzene  
Concen: 21.989 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

Tot Ion:112 Resp: 66930  
Ion Ratio Lower Upper  
112 100  
114 33.8 25.6 38.4

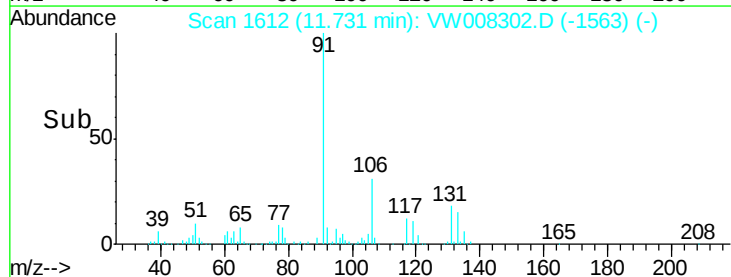
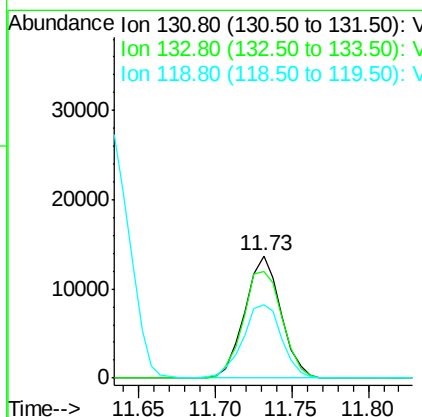
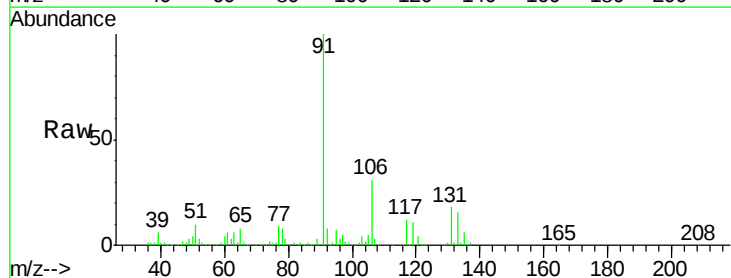
Manual Integrations  
APPROVED

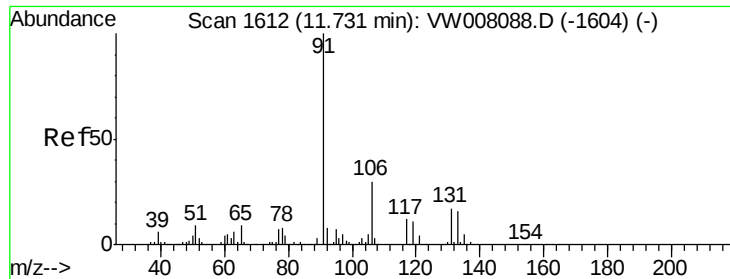
MMDadoda  
1/17/2019 11:33:29 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.575 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Tgt Ion:131 Resp: 22350  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.9 143.7  
119 65.3 32.5 97.4





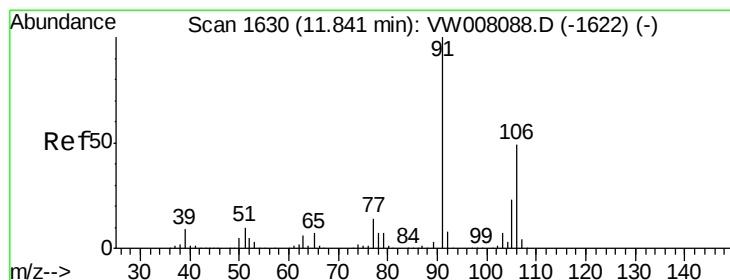
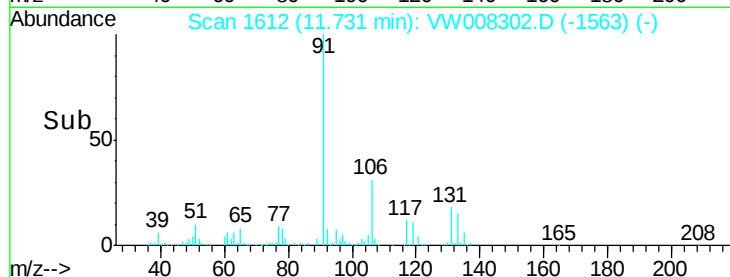
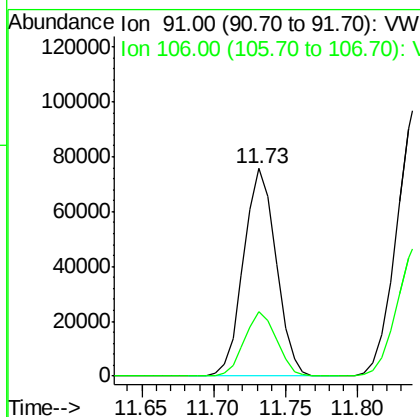
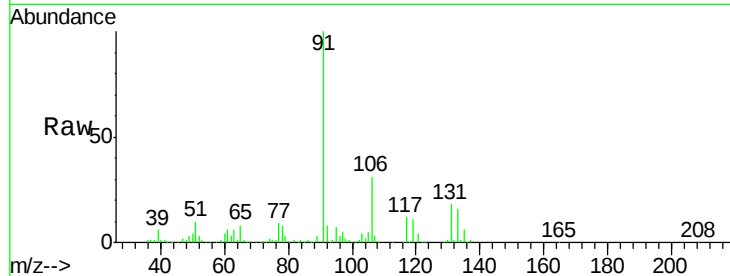
#67  
Ethyl Benzene  
Concen: 21.343 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

Tot Ion: 91 Resp: 118868  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.2 36.4

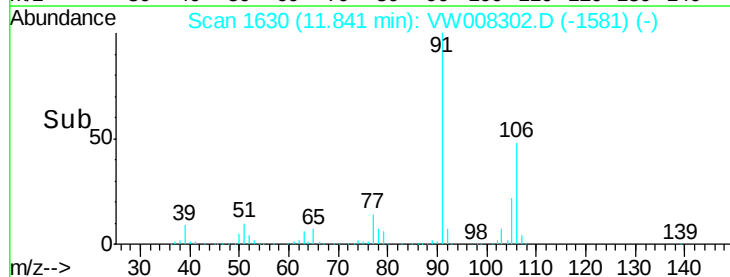
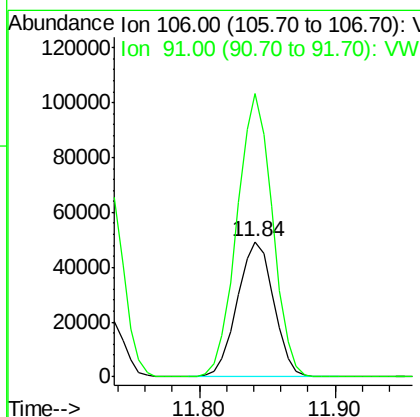
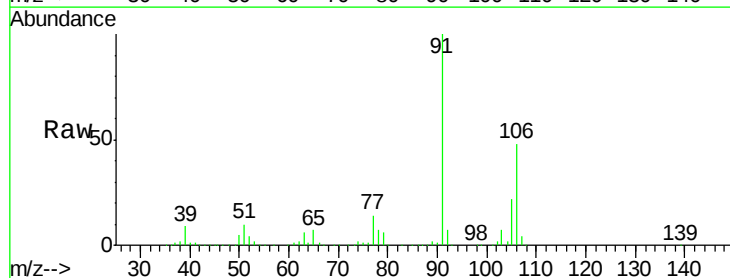
Manual Integrations  
APPROVED

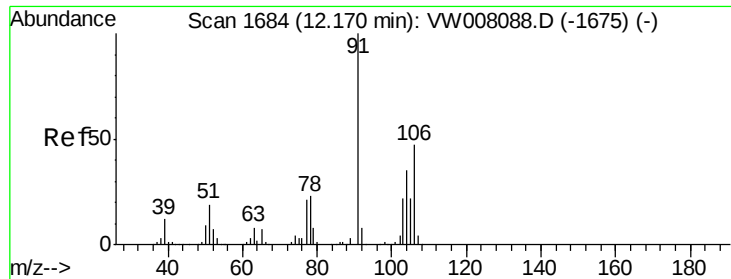
MMDadoda  
1/17/2019 11:33:29 AM



#68  
m/p-Xylenes  
Concen: 43.300 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Tgt Ion: 106 Resp: 92046  
Ion Ratio Lower Upper  
106 100  
91 204.1 162.4 243.6





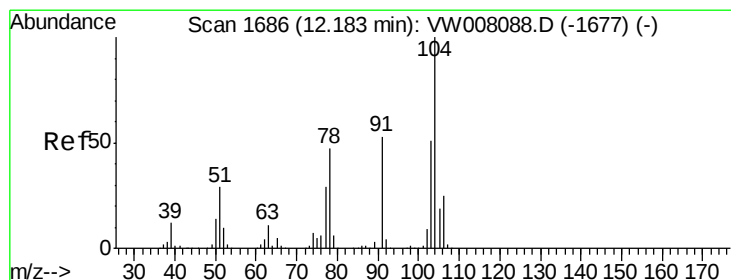
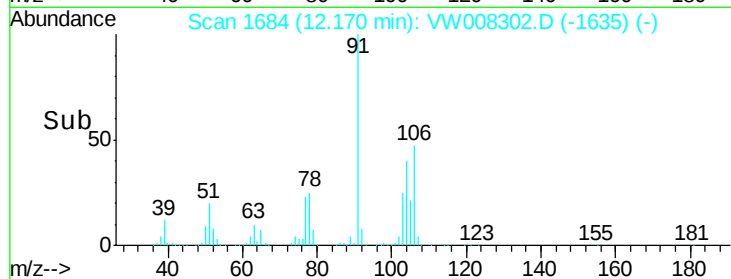
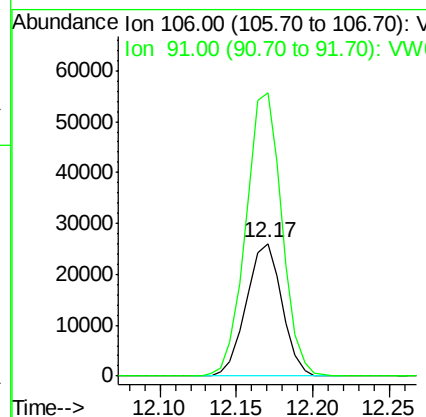
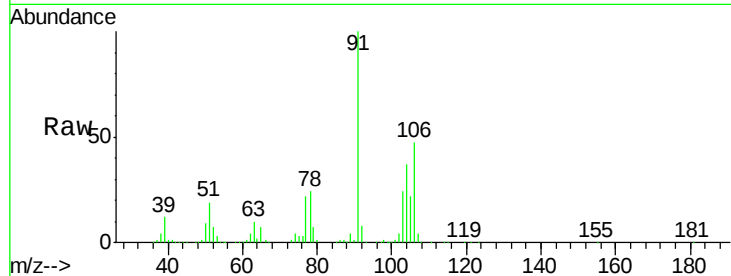
#69  
o-Xylene  
Concen: 21.488 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

Tot Ion:106 Resp: 42299  
Ion Ratio Lower Upper  
106 100  
91 214.9 107.8 323.6

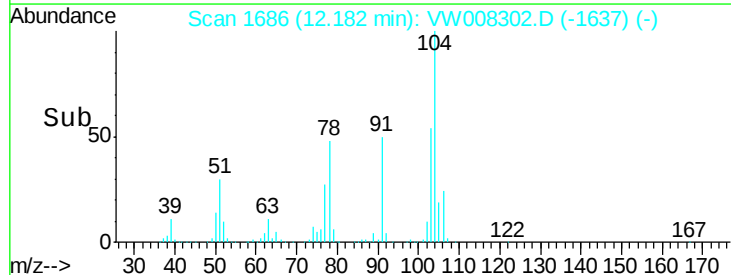
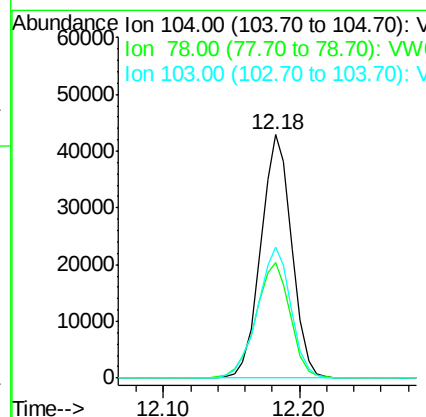
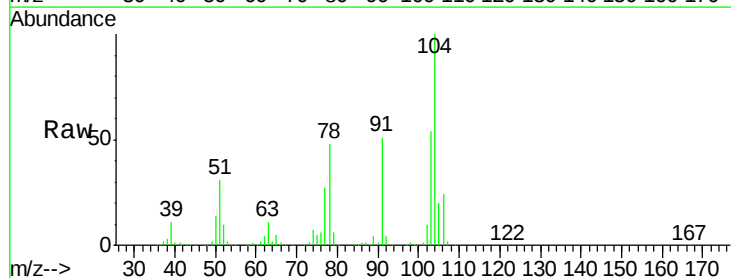
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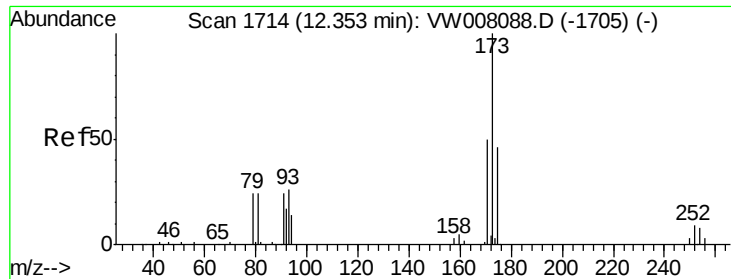
MMDadoda  
1/17/2019 11:33:29 AM



#70  
Styrene  
Concen: 22.104 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Tgt Ion:104 Resp: 68156  
Ion Ratio Lower Upper  
104 100  
78 53.1 41.8 62.8  
103 58.4 43.8 65.8





#71

Bromoform

Concen: 22.253 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

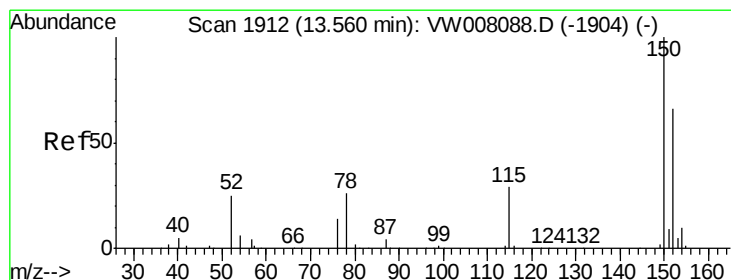
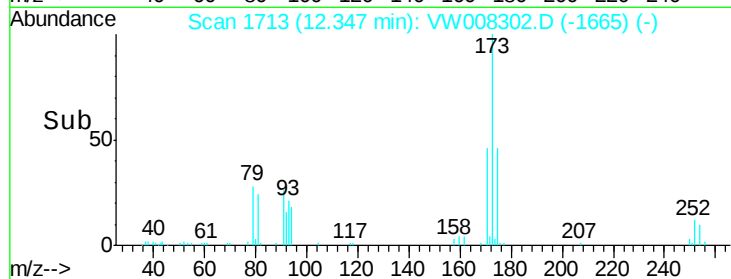
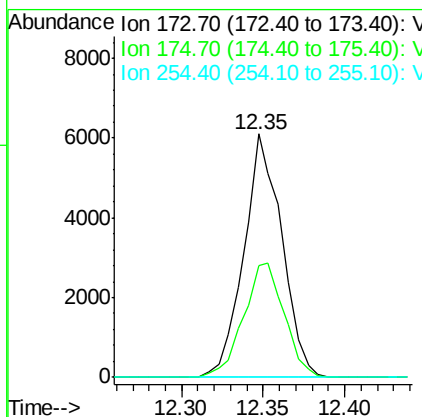
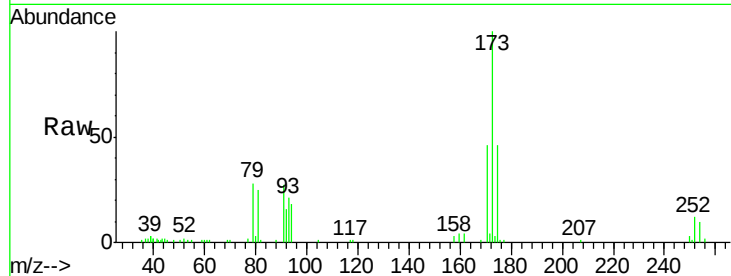
ClientSampleId :

VW0116SBS01

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 173   | Resp: | 9860 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 50.2  | 23.3  | 69.8 |
| 254       | 0.0   | 0.0   | 0.0  |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

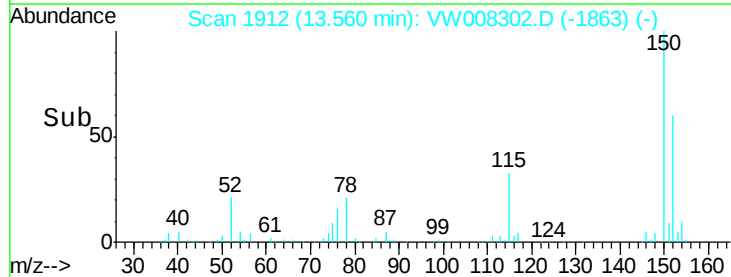
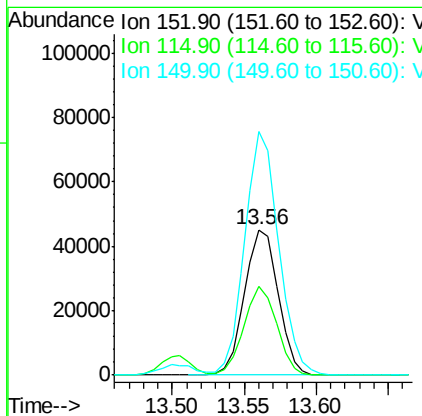
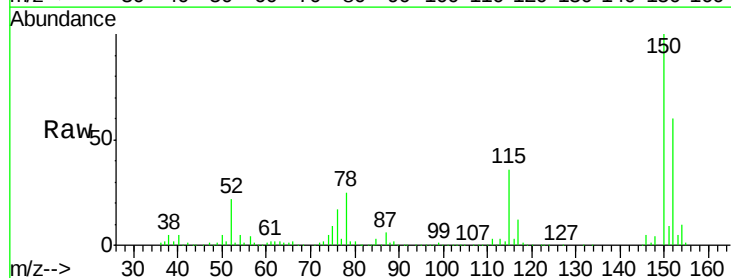
RT: 13.56 min Scan# 1912

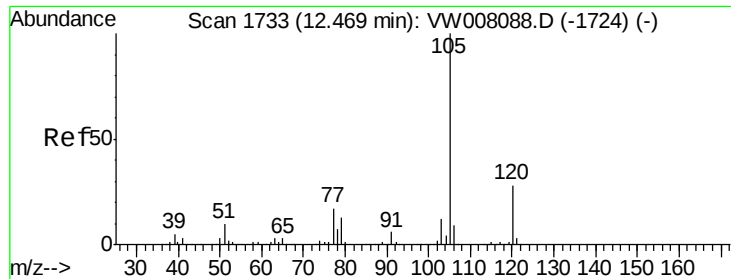
Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 73017 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 59.2  | 30.8  | 92.4  |
| 150       | 169.0 | 0.0   | 350.2 |





#73

Isopropylbenzene

Concen: 20.640 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion:105 Resp: 118320

Ion Ratio Lower Upper

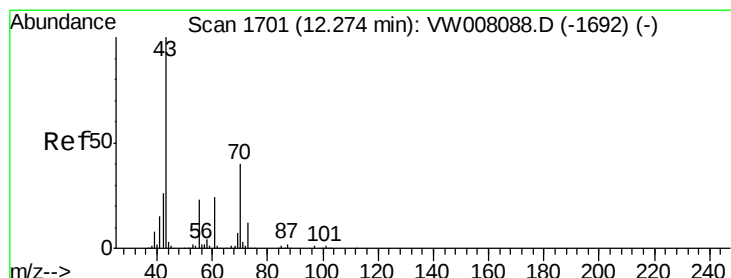
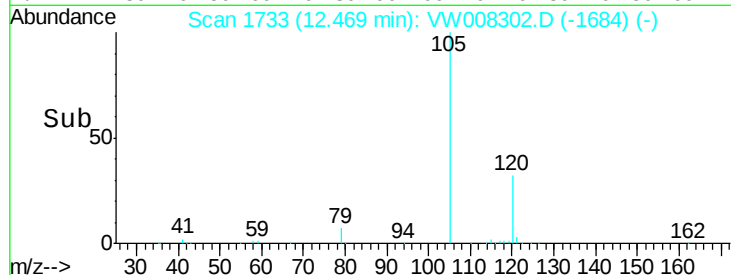
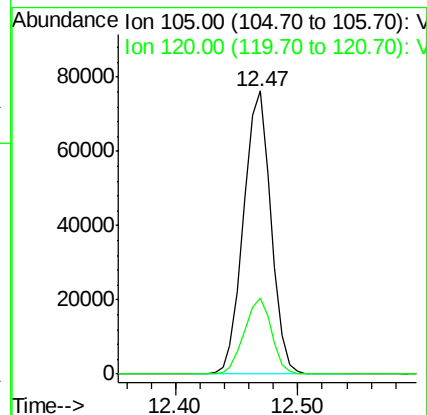
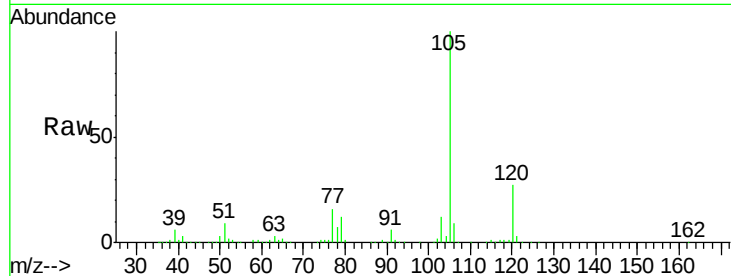
105 100

120 27.0 13.6 40.8

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#74

N-ethyl acetate

Concen: 17.320 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Tgt Ion: 43 Resp: 21988

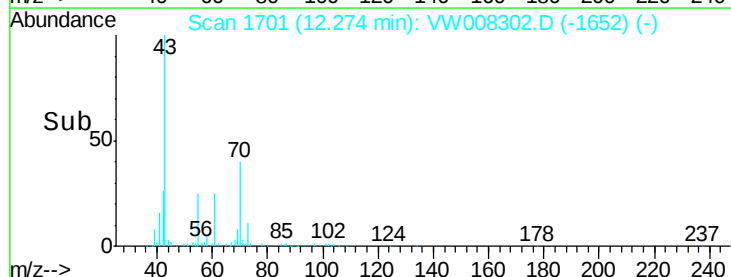
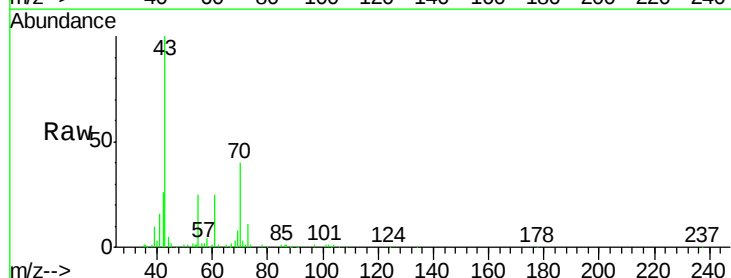
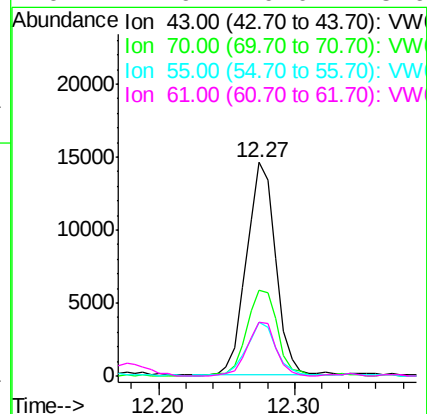
Ion Ratio Lower Upper

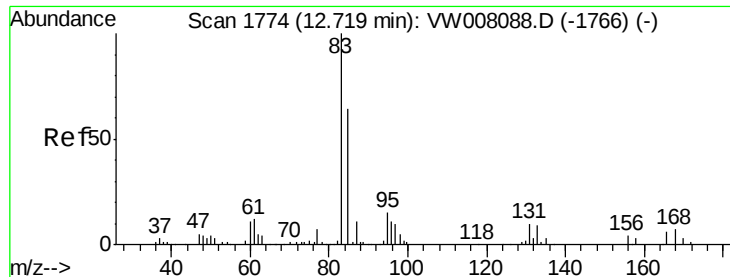
43 100

70 42.7 32.4 48.6

55 26.0 18.7 28.1

61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.203 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

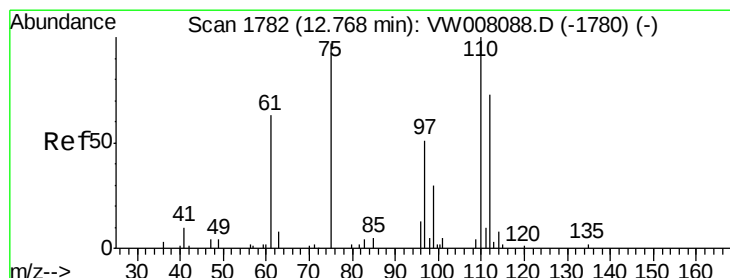
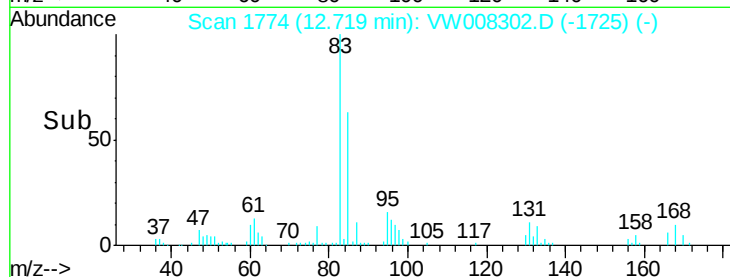
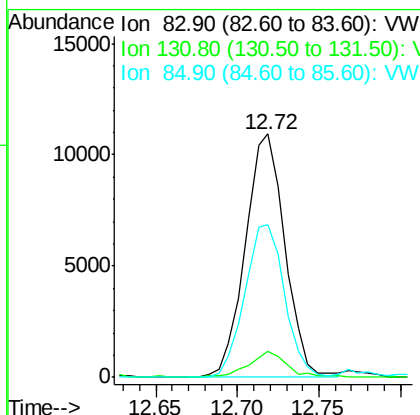
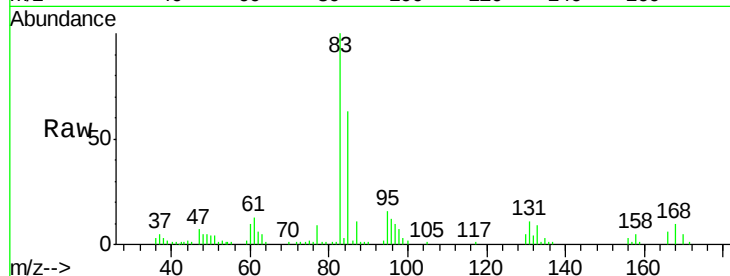
ClientSampleId :

VW0116SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 18538 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.5  | 5.3   | 16.1  |
| 85        | 62.8  | 32.4  | 97.2  |

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#76

1,2,3-Trichloropropane

Concen: 15.337 ug/l m

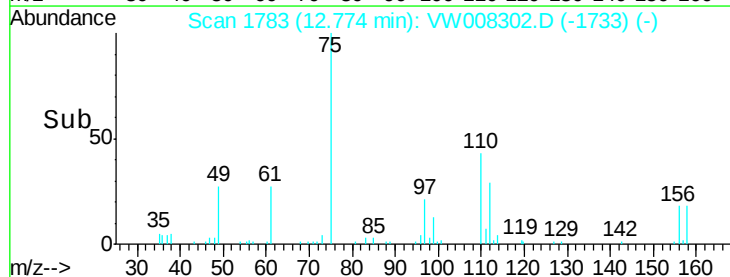
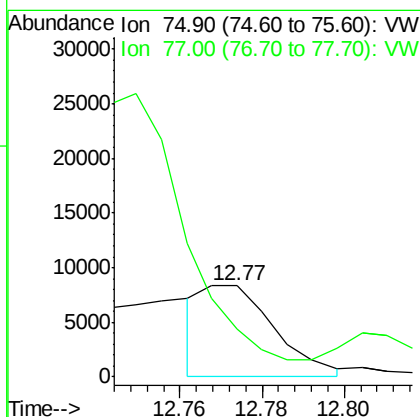
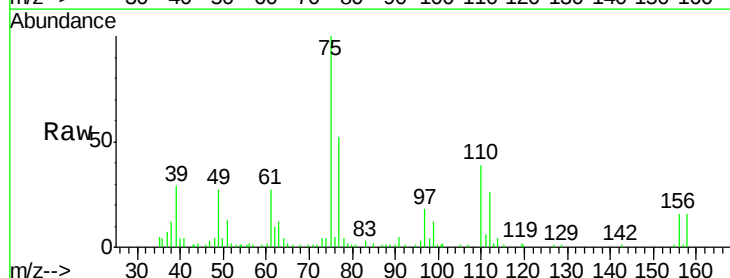
RT: 12.77 min Scan# 1783

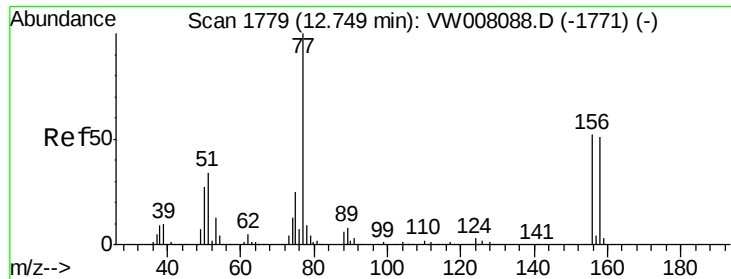
Delta R.T. 0.01 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 10209  |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 179.4 | 538.2# |





#77

Bromobenzene

Concen: 21.572 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

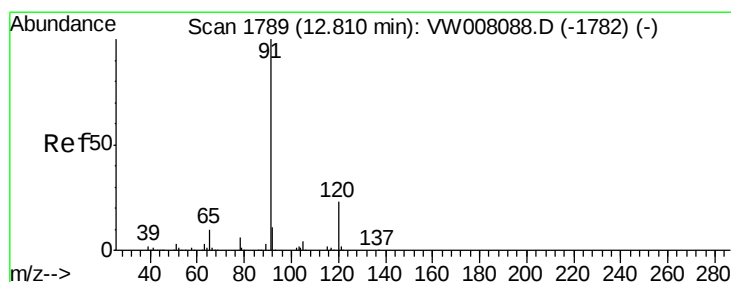
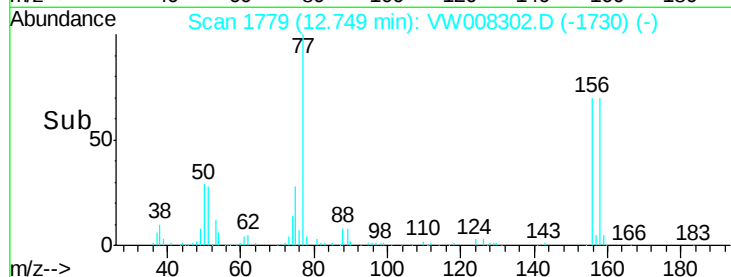
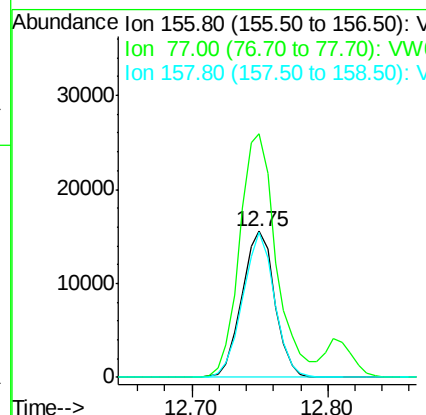
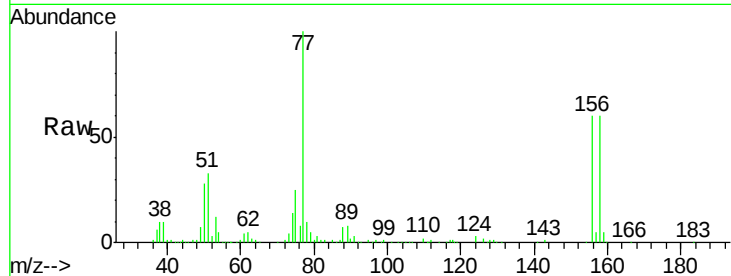
ClientSampleId :

VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 186.7 | 104.2 | 312.5 |
| 158     | 96.2  | 47.9  | 143.6 |

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#78

n-propylbenzene

Concen: 20.984 ug/l

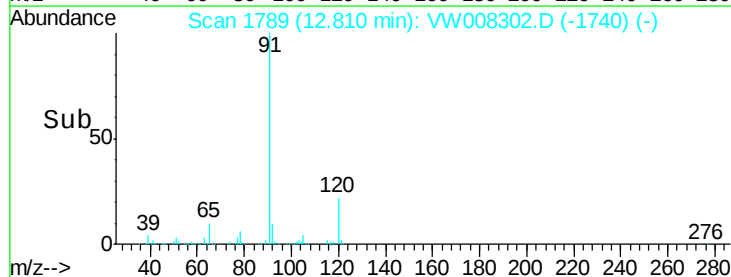
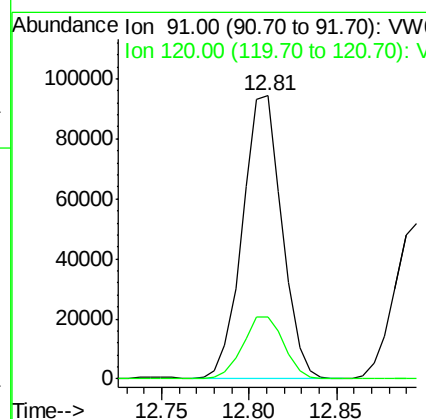
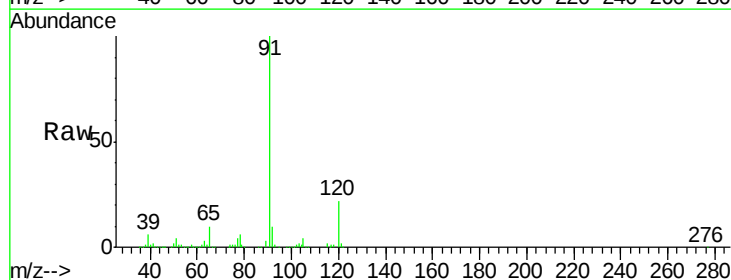
RT: 12.81 min Scan# 1789

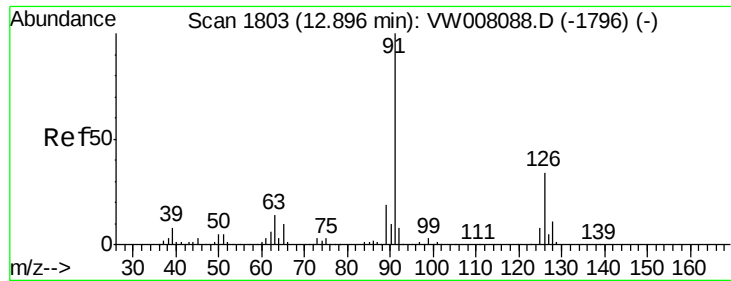
Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.8  | 11.3  | 33.8  |





#79

2-Chlorotoluene

Concen: 20.935 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion: 91 Resp: 82040

Ion Ratio Lower Upper

91 100

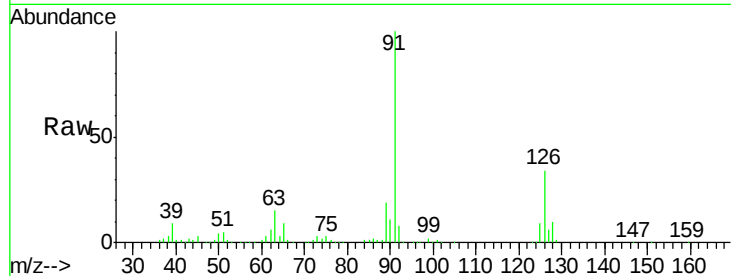
126 34.3 16.8 50.3

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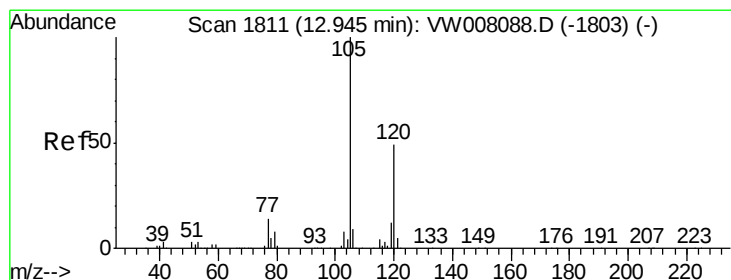
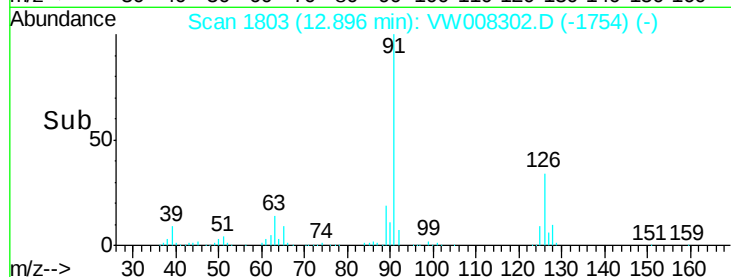
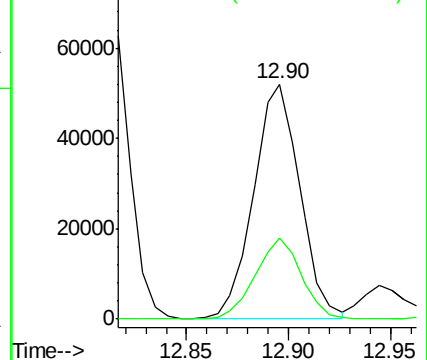
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.474 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008302.D

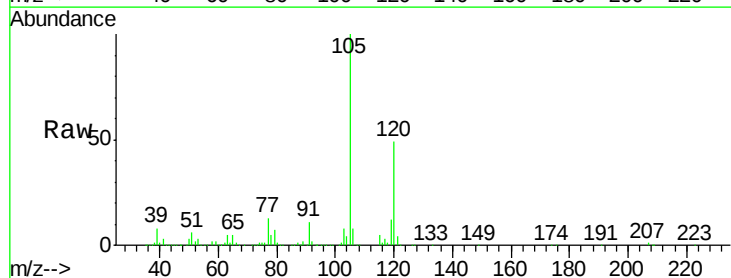
Acq: 16 Jan 2019 12:28

Tgt Ion:105 Resp: 101160

Ion Ratio Lower Upper

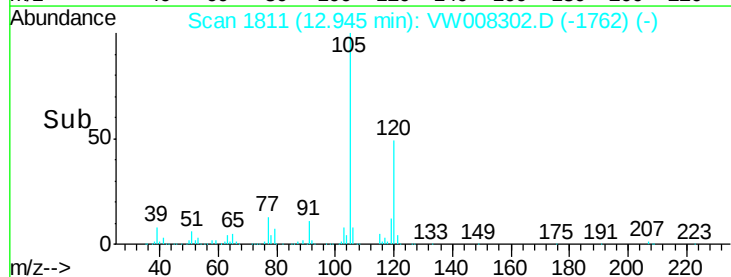
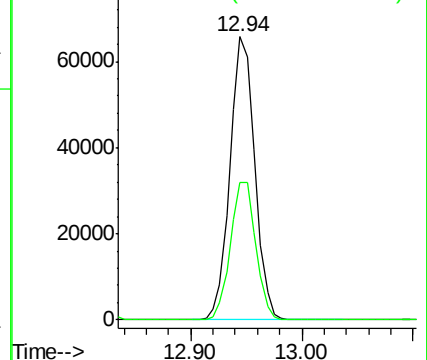
105 100

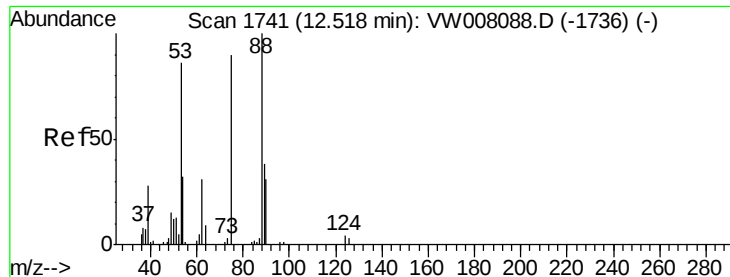
120 50.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.360 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion: 75 Resp: 5248

Ion Ratio Lower Upper

75 100

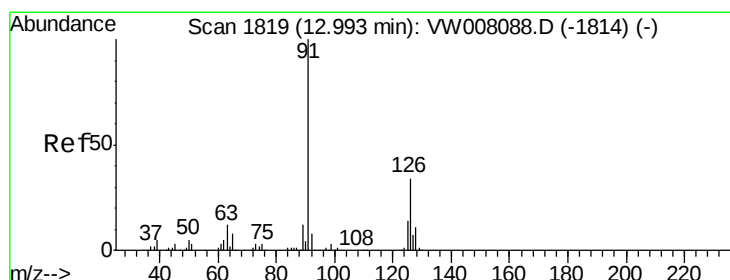
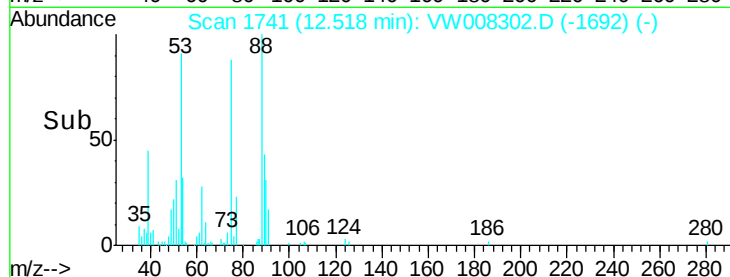
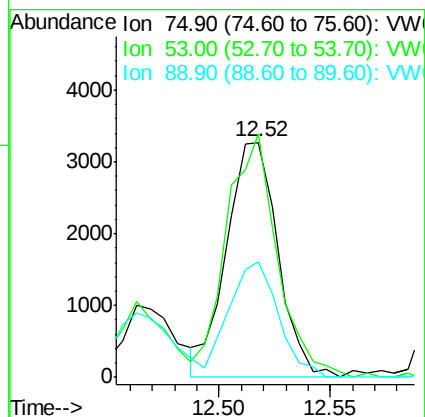
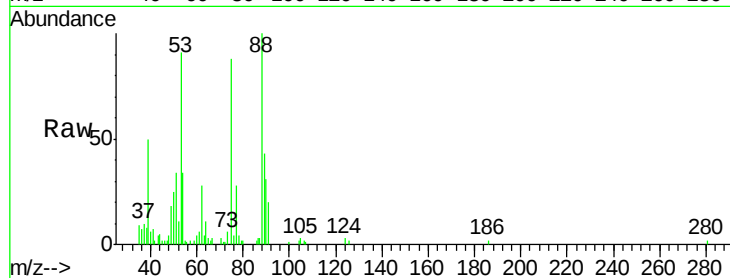
53 102.7 78.8 118.2

89 47.4 35.4 53.2

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#82

4-Chlorotoluene

Concen: 21.066 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008302.D

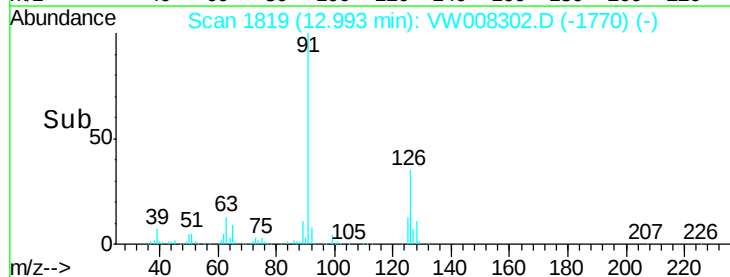
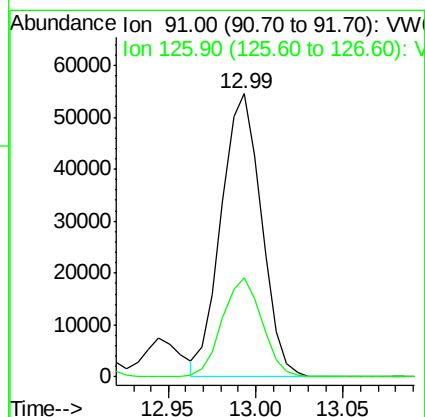
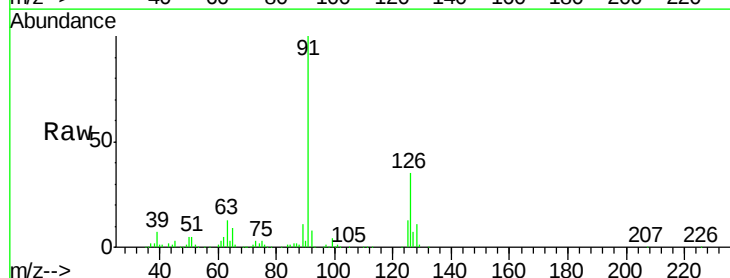
Acq: 16 Jan 2019 12:28

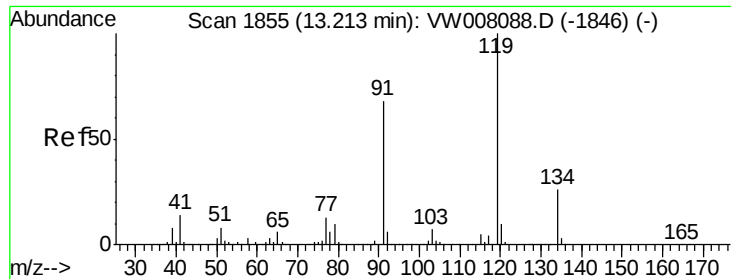
Tgt Ion: 91 Resp: 86944

Ion Ratio Lower Upper

91 100

126 34.8 16.5 49.5





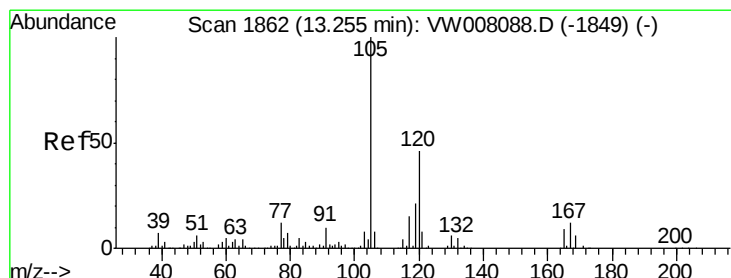
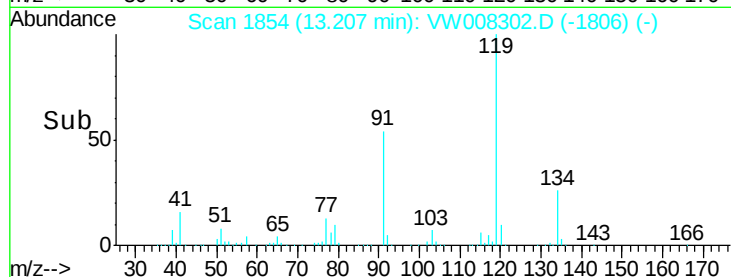
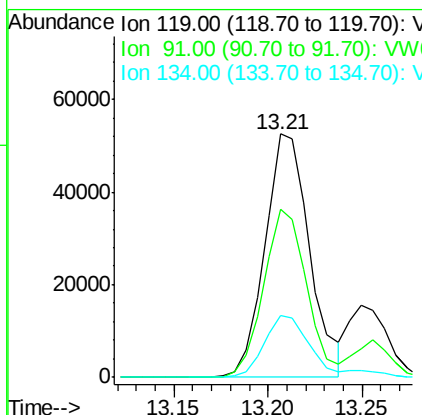
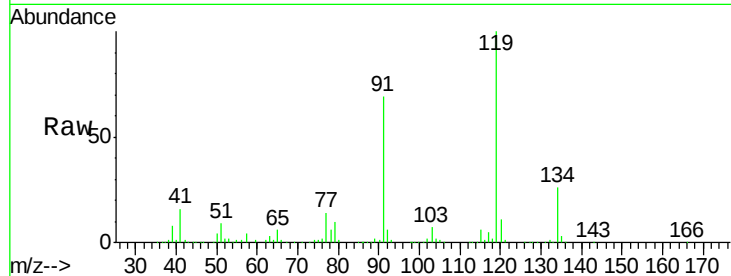
#83  
tert-Butylbenzene  
Concen: 20.754 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 66.4  | 33.9  | 101.6 |
| 134     | 27.3  | 13.6  | 40.8  |

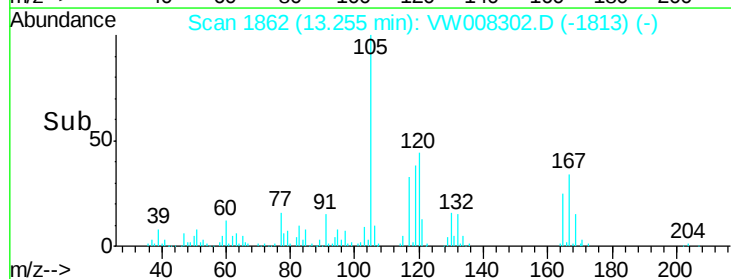
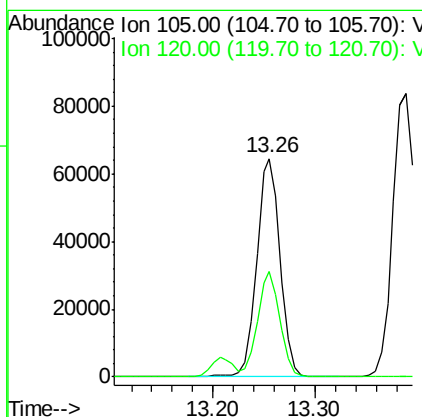
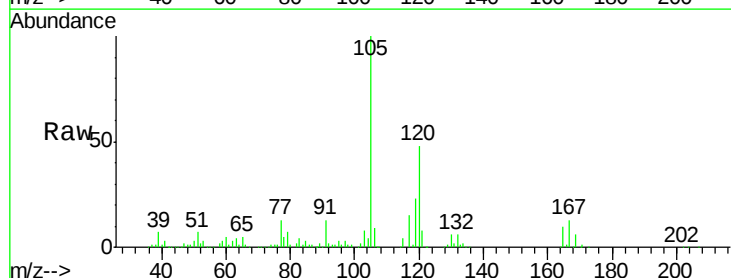
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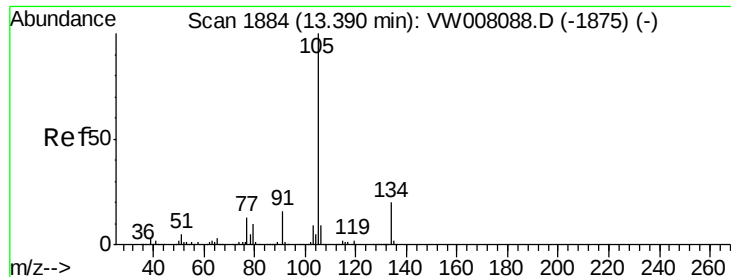
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#84  
1,2,4-Trimethylbenzene  
Concen: 21.249 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.3  | 22.7  | 68.1  |





#85

sec-Butylbenzene

Concen: 21.208 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0116SBS01

Tot Ion:105 Resp: 129471

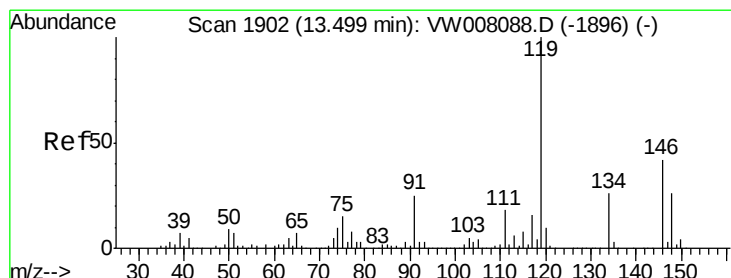
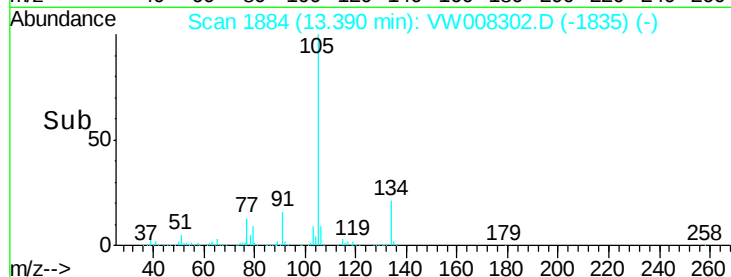
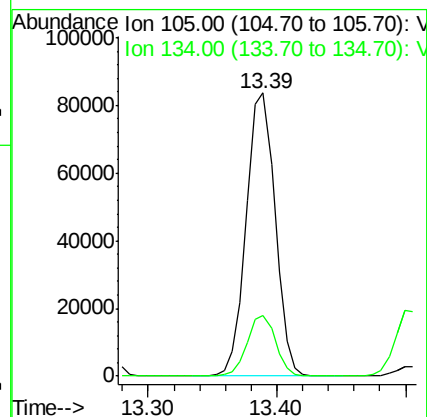
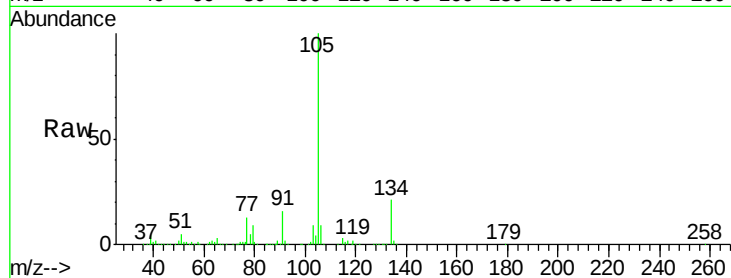
Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1

Manual Integrations  
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#86

p-Isopropyltoluene

Concen: 21.291 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008302.D

Acq: 16 Jan 2019 12:28

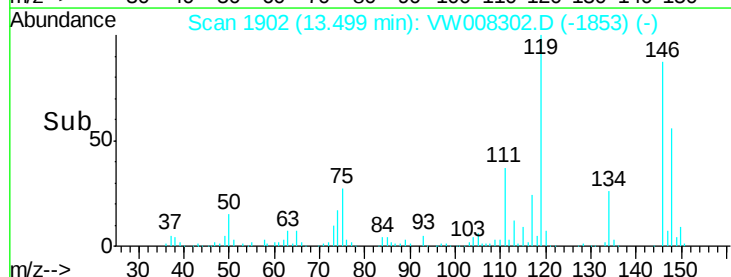
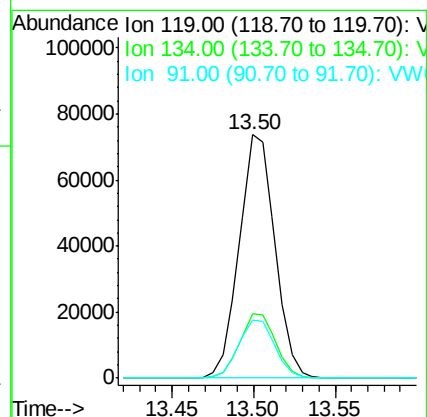
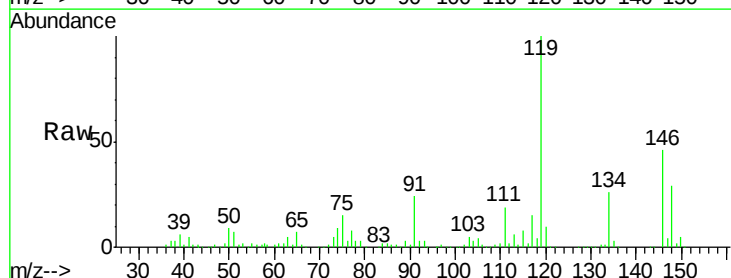
Tgt Ion:119 Resp: 112243

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.4 12.3 36.9





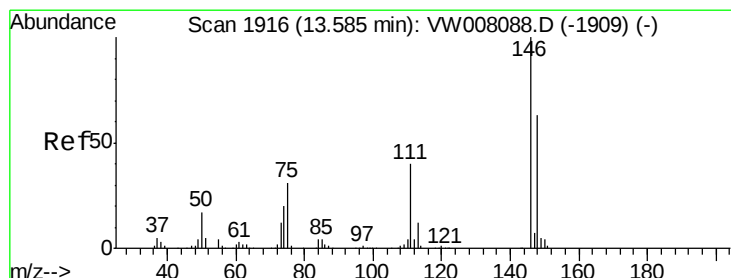
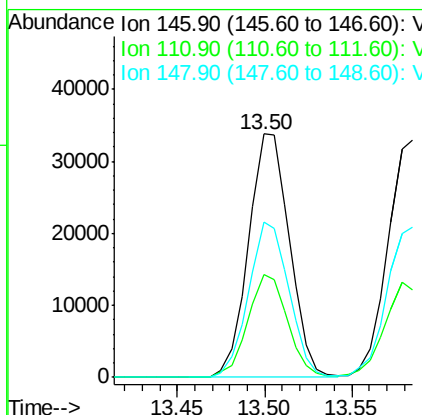
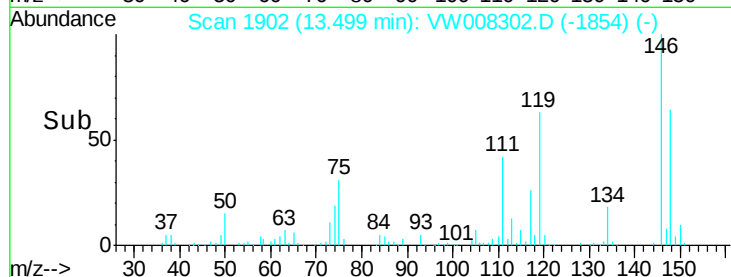
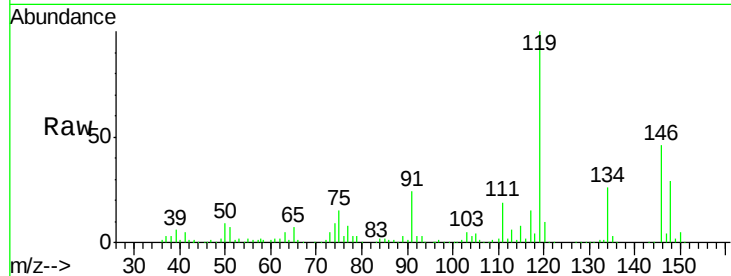
#87  
 1,3-Dichlorobenzene  
 Concen: 22.357 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.01 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.2  | 21.1  | 63.1  |
| 148     | 63.0  | 31.3  | 93.9  |

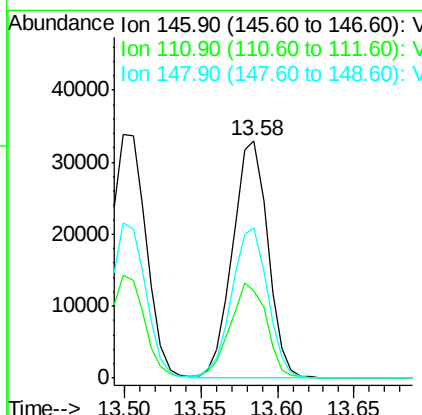
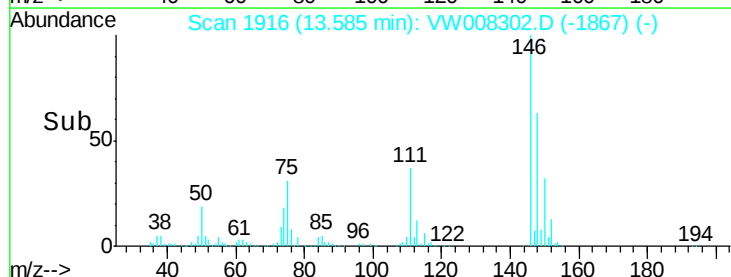
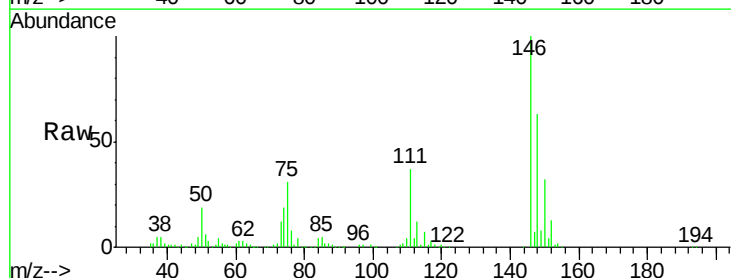
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#88  
 1,4-Dichlorobenzene  
 Concen: 21.454 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. -0.00 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 20.5  | 61.5  |
| 148     | 64.8  | 31.6  | 94.8  |





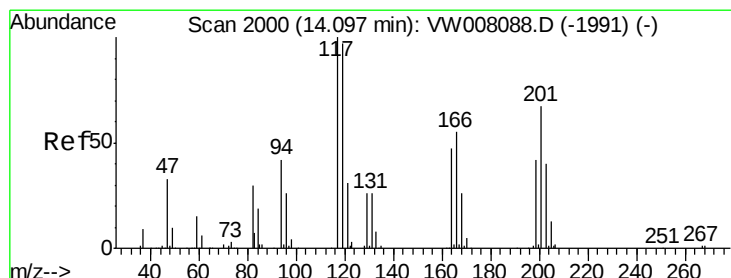
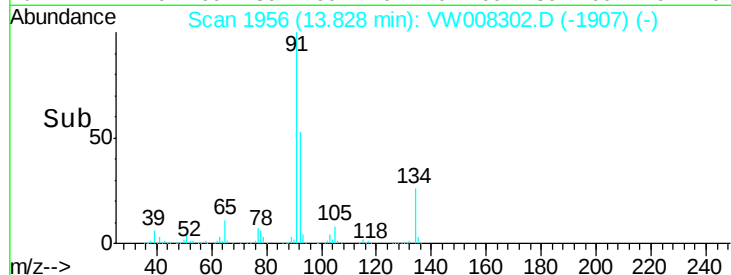
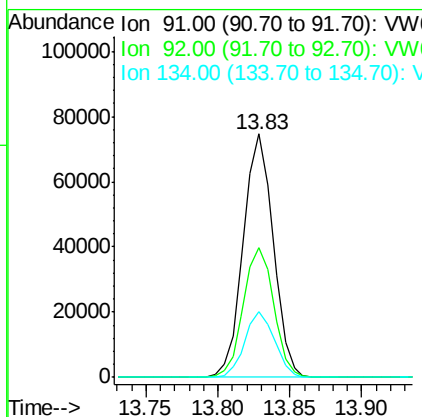
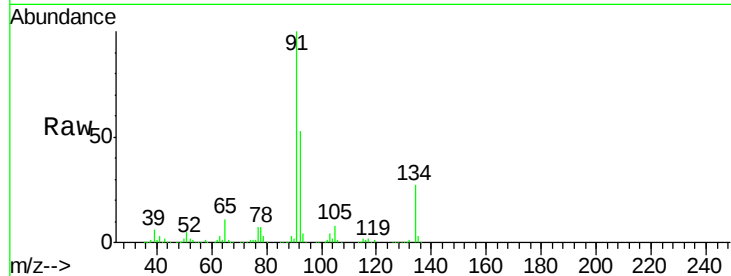
#89  
n-Butylbenzene  
Concen: 20.804 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 107416 |       |       |
| 92      | 54.4  | 27.4   | 82.2  |       |
| 134     | 26.7  | 12.6   | 37.8  |       |

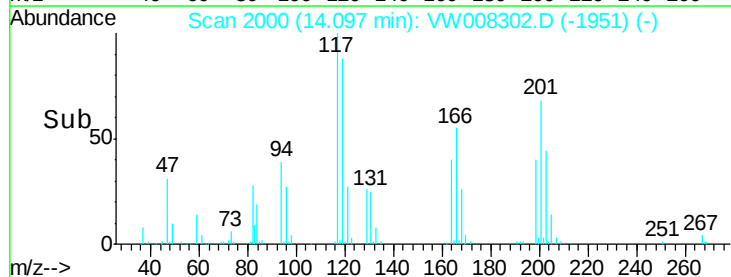
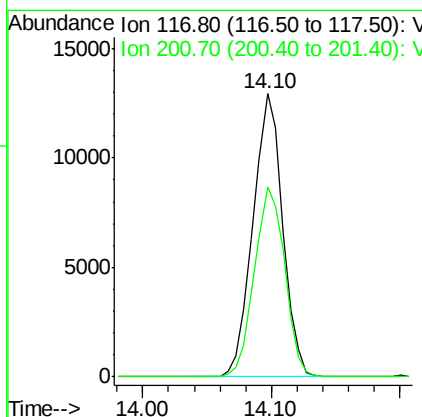
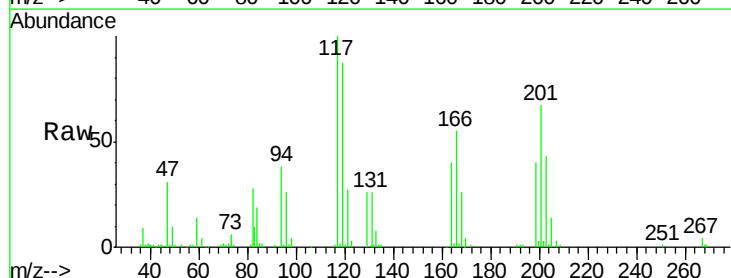
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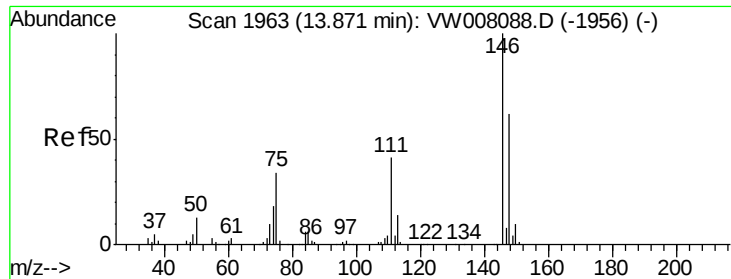
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#90  
Hexachloroethane  
Concen: 23.044 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 20519 |       |       |
| 201     | 68.6  | 33.0  | 98.9  |       |





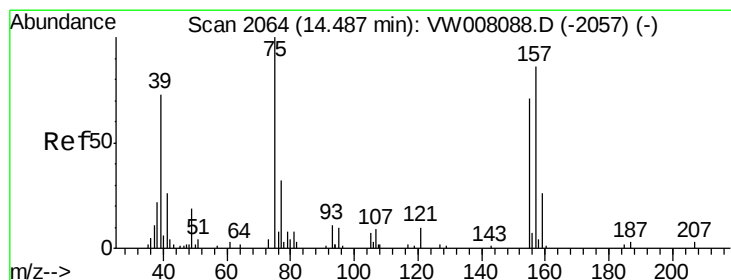
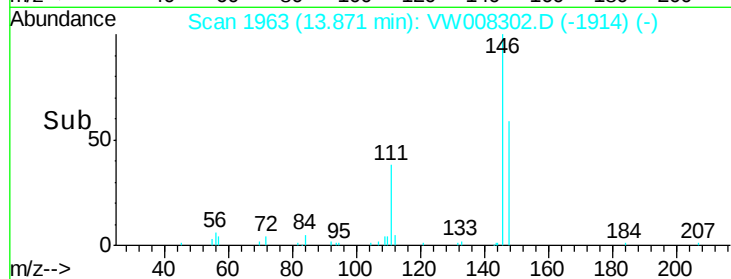
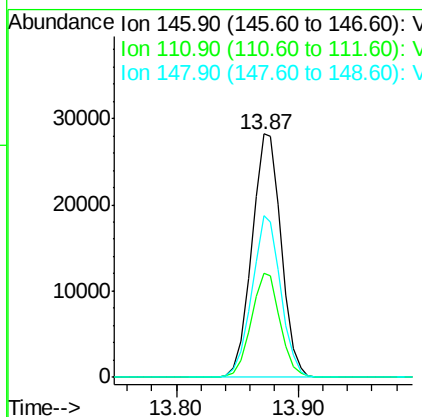
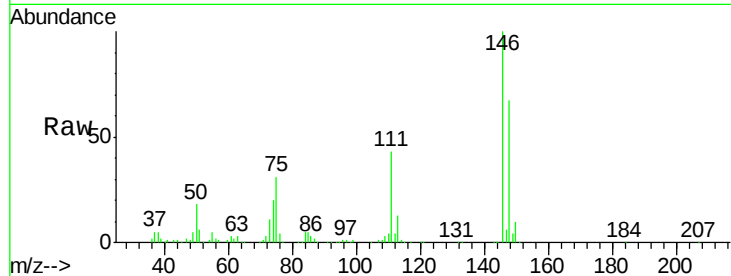
#91  
 1,2-Dichlorobenzene  
 Concen: 21.772 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 21.3  | 63.7  |
| 148     | 65.3  | 31.5  | 94.5  |

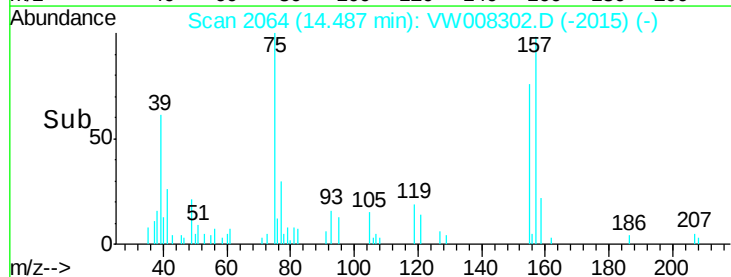
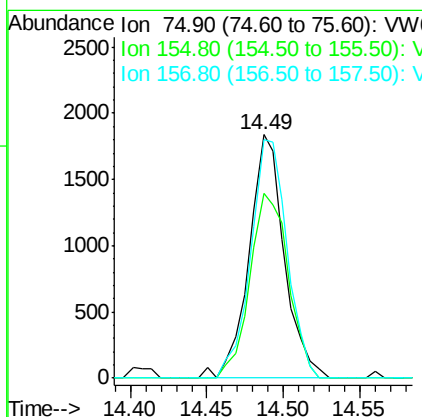
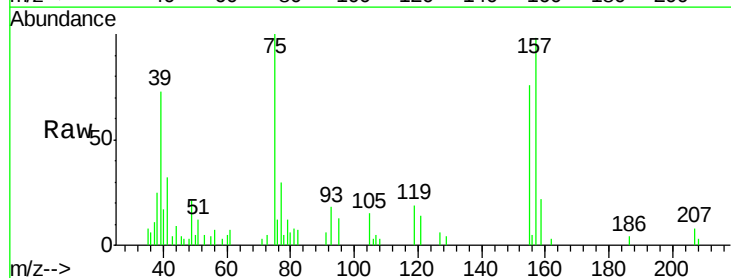
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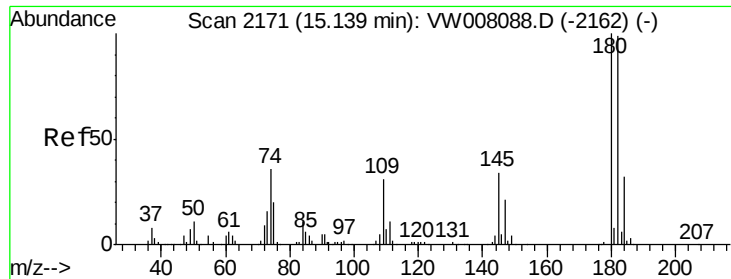
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.944 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW008302.D  
 Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 82.5  | 38.6  | 115.7 |
| 157     | 101.1 | 47.5  | 142.6 |





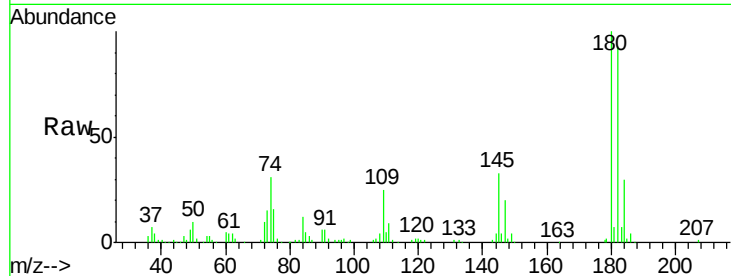
#93  
1,2,4-Trichlorobenzene  
Concen: 21.217 ug/l  
RT: 15.14 min Scan# 2171  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

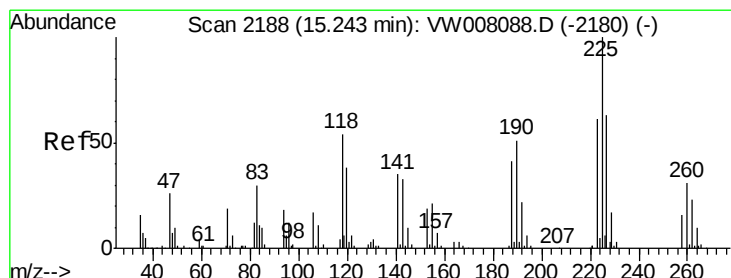
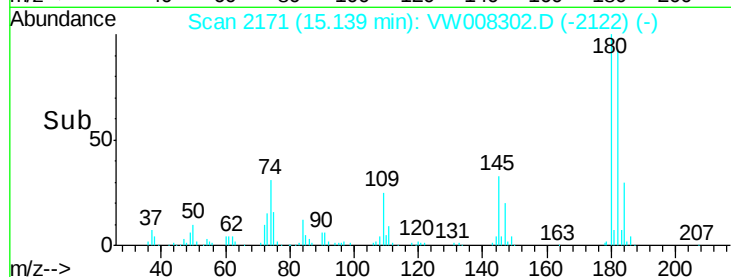
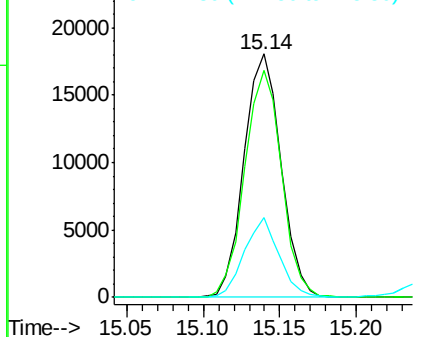
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 30419 |       |       |
| 182     | 92.8  | 48.6  | 145.9 |       |
| 145     | 30.9  | 16.6  | 49.7  |       |

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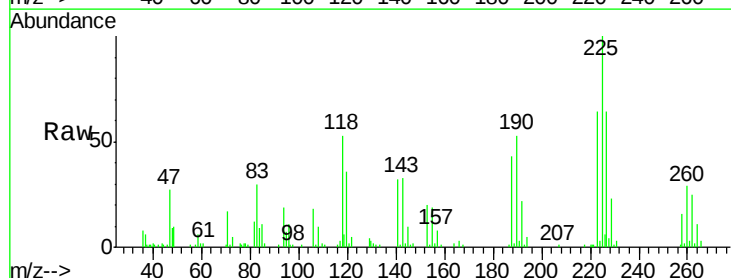


Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V

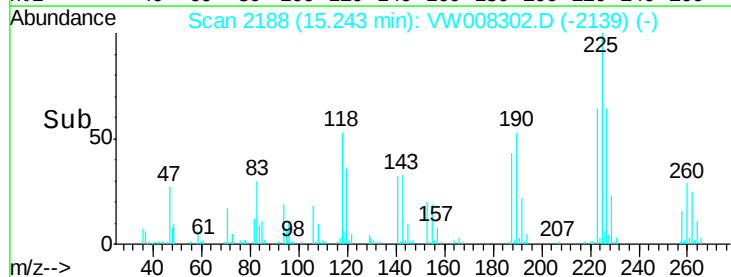
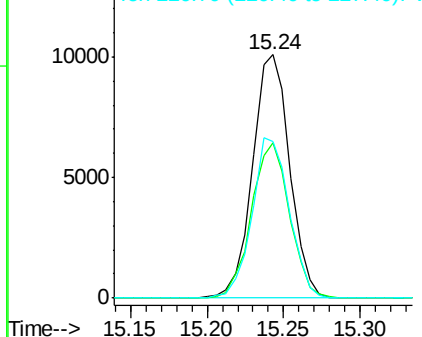


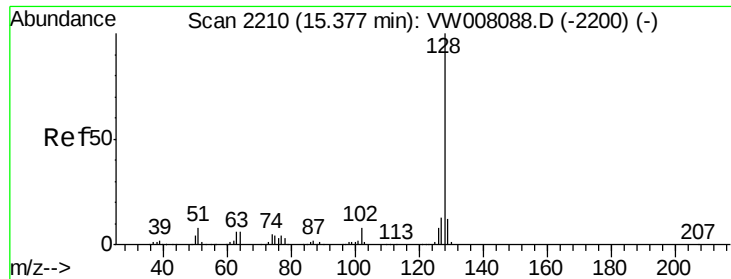
#94  
Hexachlorobutadiene  
Concen: 22.222 ug/l  
RT: 15.24 min Scan# 2188  
Delta R.T. -0.00 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 17052 |       |       |
| 223     | 65.3  | 31.4  | 94.3  |       |
| 227     | 65.8  | 32.0  | 96.2  |       |



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V





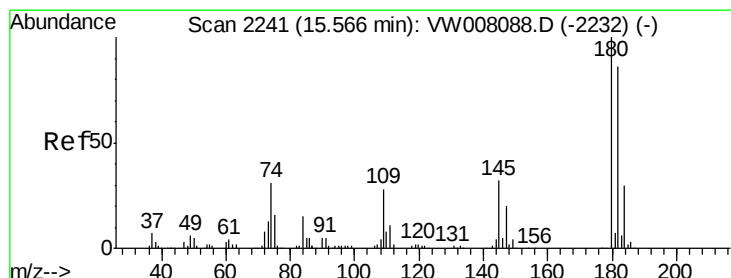
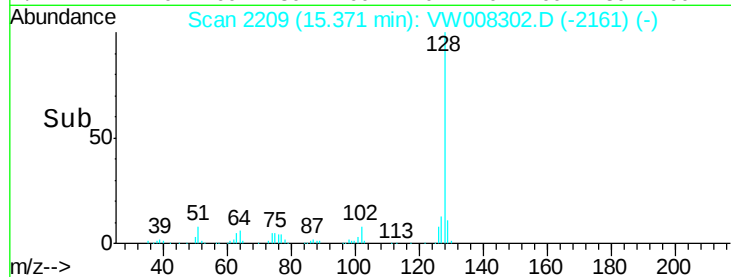
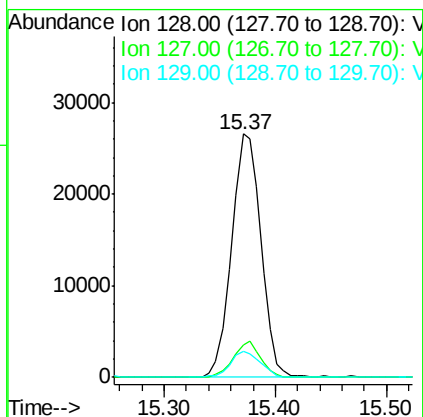
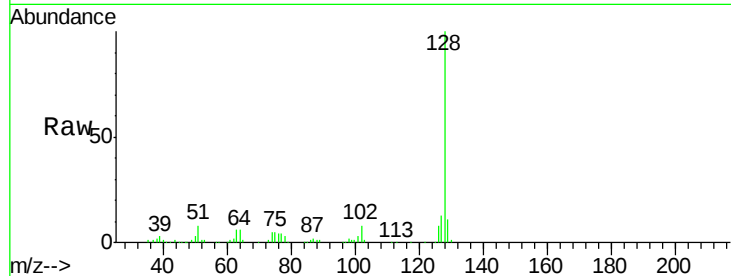
#95  
Naphthalene  
Concen: 18.086 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0116SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.8  | 11.0  | 16.4  |
| 129     | 10.8  | 9.0   | 13.6  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.184 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. -0.01 min  
Lab File: VW008302.D  
Acq: 16 Jan 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.1  | 46.5  | 139.3 |
| 145     | 35.3  | 17.4  | 52.2  |

