

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060419\  
 Data File : VW010675.D  
 Acq On : 04 Jun 2019 14:48  
 Operator : SY/VA  
 Sample : VSTDIC010  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 6/5/2019 3:04:54 PM

Quant Time: Jun 05 03:10:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060419S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 05 02:25:28 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 278310   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 454388   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 395874   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 183279   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |        |      |
|---------------------------|--------|-----|----------|------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 30136    | 9.19 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 18.38% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 21103    | 8.56 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 17.12% |      |
| 50) Toluene-d8            | 10.32  | 98  | 98807    | 9.14 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 18.28% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 34680    | 8.81 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 17.62% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 27673  | 10.760 | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50  | 39146  | 10.345 | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.35 | 62  | 36292  | 10.381 | ug/l   | 94     |
| 5) Bromomethane               | 2.76 | 94  | 21123  | 11.003 | ug/l   | 92     |
| 6) Chloroethane               | 2.91 | 64  | 21714  | 10.348 | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 47681  | 10.507 | ug/l   | 97     |
| 8) Diethyl Ether              | 3.68 | 74  | 16646  | 10.264 | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 29065  | 10.417 | ug/l   | 97     |
| 10) Methyl Iodide             | 4.28 | 142 | 20124  | 8.167  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.18 | 59  | 13248  | 49.573 | ug/l # | 88     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 27497  | 10.216 | ug/l   | 99     |
| 13) Acrolein                  | 3.90 | 56  | 5982   | 54.778 | ug/l   | 98     |
| 14) Allyl chloride            | 4.67 | 41  | 59915  | 10.096 | ug/l   | 98     |
| 15) Acrylonitrile             | 5.37 | 53  | 40614  | 51.548 | ug/l   | 99     |
| 16) Acetone                   | 4.13 | 43  | 41651  | 47.386 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.38 | 76  | 86307  | 10.102 | ug/l # | 94     |
| 18) Methyl Acetate            | 4.68 | 43  | 19724  | 10.425 | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 79190  | 10.202 | ug/l   | 97     |
| 20) Methylene Chloride        | 4.92 | 84  | 32436  | 10.519 | ug/l   | 93     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 31373  | 10.268 | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.31 | 45  | 120697 | 10.159 | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.26 | 43  | 364801 | 50.878 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 61174  | 10.274 | ug/l   | 98     |
| 25) 2-Butanone                | 7.17 | 43  | 61677  | 50.604 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 49951  | 10.310 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 34681  | 10.314 | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 26159  | 9.845  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 7.53 | 42  | 40220  | 52.464 | ug/l   | 99     |
| 30) Chloroform                | 7.68 | 83  | 56978  | 10.462 | ug/l   | 99     |
| 31) Cyclohexane               | 7.95 | 56  | 71442  | 10.794 | ug/l # | 91     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 48603  | 10.217 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 48681  | 10.466 | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 25581  | 9.925  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 40884  | 10.182 | ug/l   | 95     |

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 MSVOA\_W  
 ClientSampleID :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 6/5/2019 3:04:54 PM

Quant Time: Jun 05 03:10:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060419S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 05 02:25:28 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 62249    | 10.528  | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 132012   | 10.404  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.48  | 41   | 16356    | 10.676  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 41564    | 10.321  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 50599    | 10.162  | ug/l   | 100      |
| 44) Trichloroethene            | 9.09  | 130  | 32950    | 10.527  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 34272    | 10.203  | ug/l   | 97       |
| 46) Dibromomethane             | 9.46  | 93   | 16227    | 10.401  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 40405    | 9.991   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 23861    | 9.939   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 4651     | 190.681 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 131233   | 51.589  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 80628    | 10.328  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 42013    | 9.808   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 50242    | 9.968   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 23232    | 10.337  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 34671    | 10.025  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 43765    | 10.333  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 96836    | 53.460  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 92565    | 50.349  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 24772    | 9.943   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 21733    | 10.206  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.86 | 164  | 27856    | 10.598  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 81937    | 10.525  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 27170    | 10.082  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 154755   | 10.344  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 110247   | 20.585  | ug/l   | 98       |
| 69) o-Xylene                   | 12.17 | 106  | 51467    | 10.132  | ug/l   | 97       |
| 70) Styrene                    | 12.18 | 104  | 88736    | 10.056  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 13532    | 9.709   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 144833   | 10.516  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 45078    | 10.127  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 28536    | 10.883  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 20631m   | 7.858   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 31397    | 10.444  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.80 | 91   | 176403   | 10.622  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 100683   | 10.612  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 117885   | 10.457  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 8140     | 9.720   | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 102894   | 10.509  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 100768   | 10.533  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 118586   | 10.454  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 146323   | 10.504  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 129084   | 10.363  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 60329    | 10.406  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 60125    | 10.461  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.83 | 91   | 128081   | 10.305  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 22369    | 10.027  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 54263    | 10.408  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 4573     | 10.157  | ug/l   | 94       |

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Acq On : 04 Jun 2019 14:48  
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Sample : VSTDICC010  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

Manual Integrations  
APPROVED

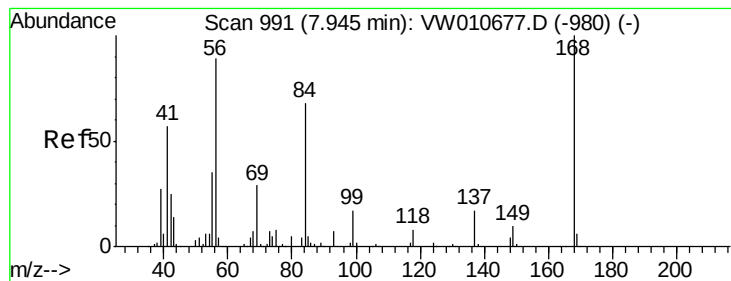
MMDadoda  
6/5/2019 3:04:54 PM

Quant Time: Jun 05 03:10:55 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060419S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 05 02:25:28 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 37095    | 10.139 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 23657    | 10.302 | ug/l  | 98       |
| 95) Naphthalene            | 15.37 | 128  | 65683    | 9.881  | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 31792    | 10.217 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion:168 Resp: 278310

Ion Ratio Lower Upper

168 100

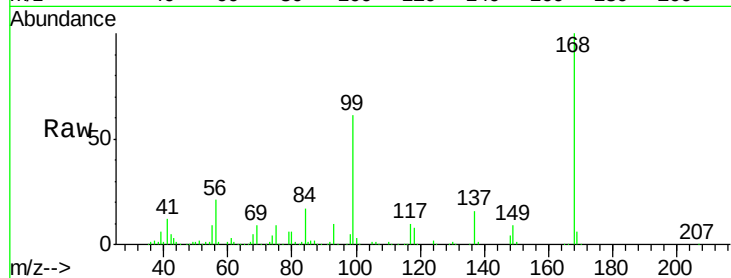
99 60.8 47.7 71.5

Manual Integrations

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6/5/2019 3:04:54 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

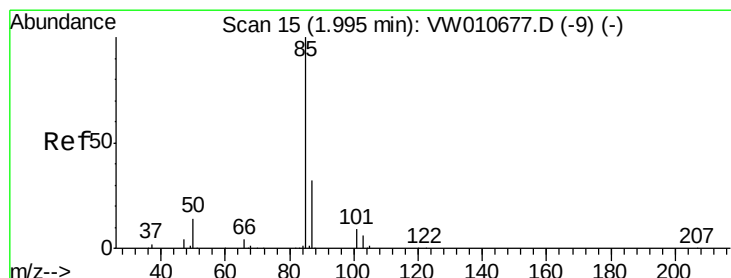
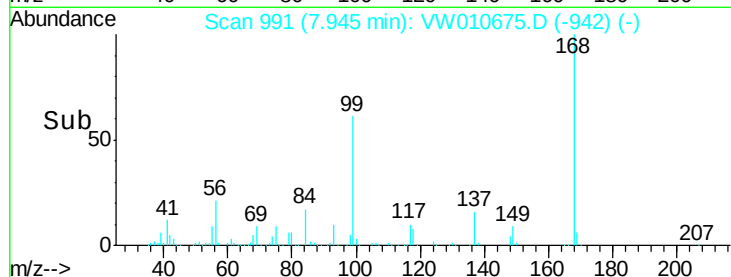
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 10.760 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010675.D

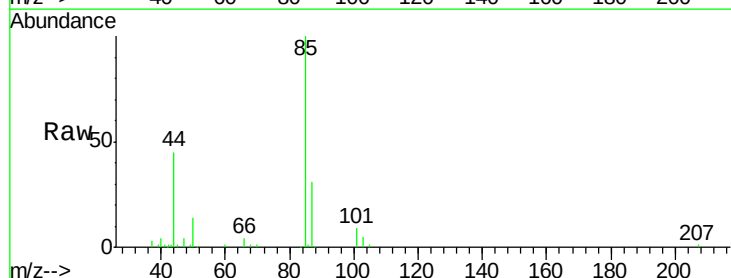
Acq: 04 Jun 2019 14:48

Tgt Ion: 85 Resp: 27673

Ion Ratio Lower Upper

85 100

87 31.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

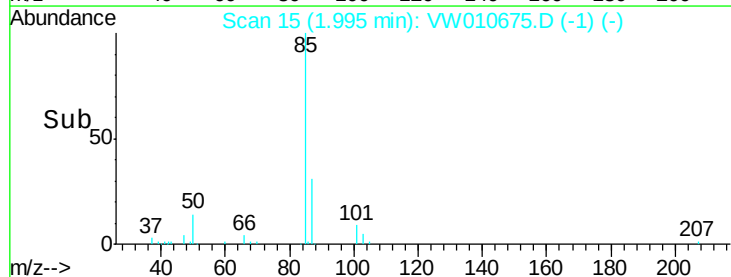
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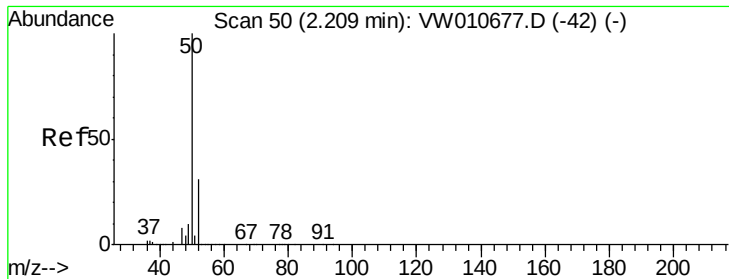
10000

5000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 10.345 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 39146

Ion Ratio Lower Upper

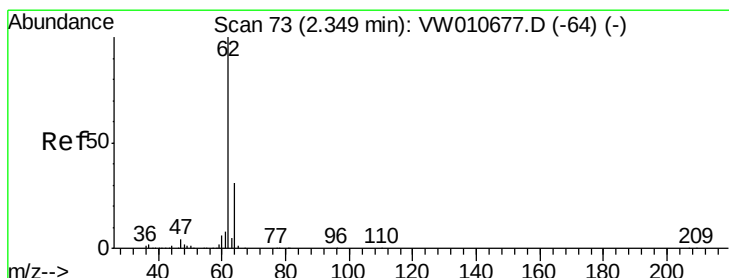
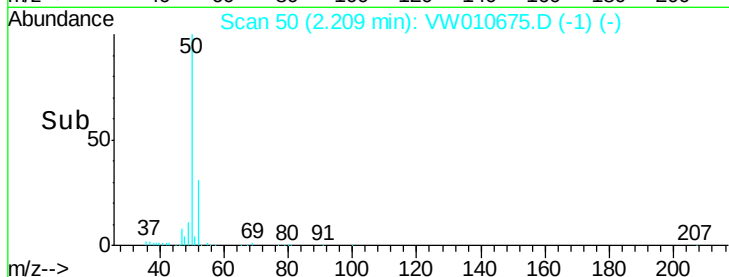
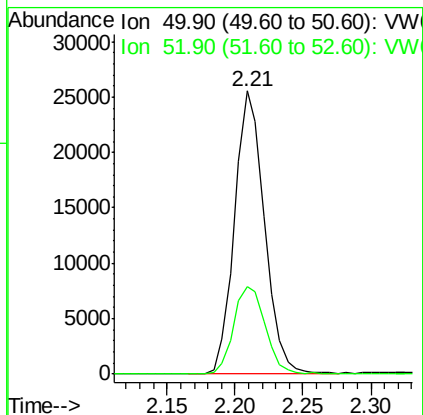
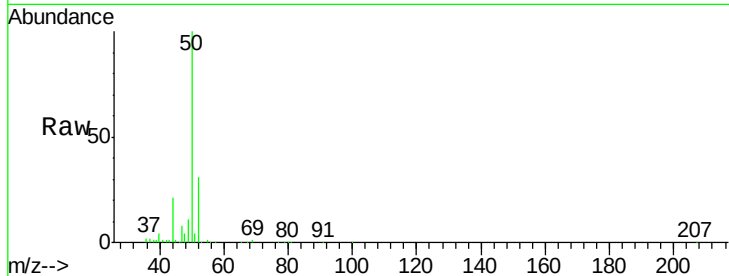
50 100

52 31.0 25.2 37.8

Manual Integrations  
APPROVED

MMDadoda

6/5/2019 3:04:54 PM



#4

Vinyl Chloride

Concen: 10.381 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010675.D

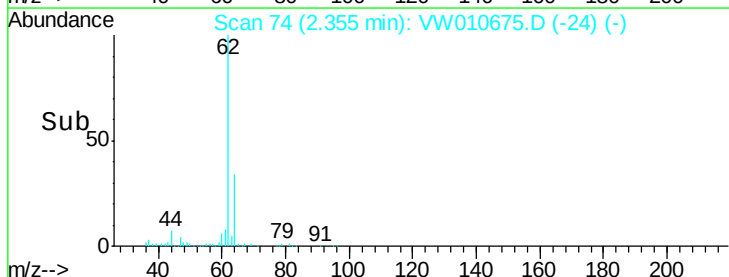
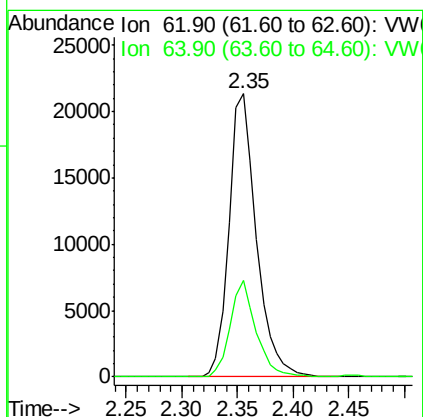
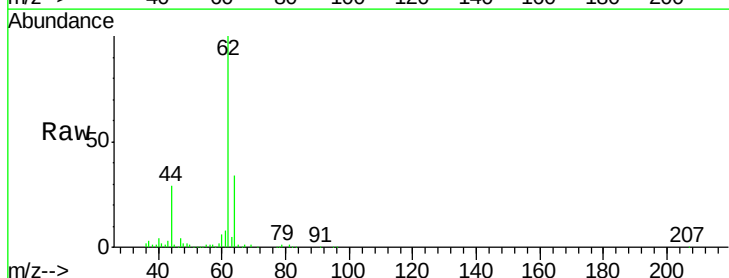
Acq: 04 Jun 2019 14:48

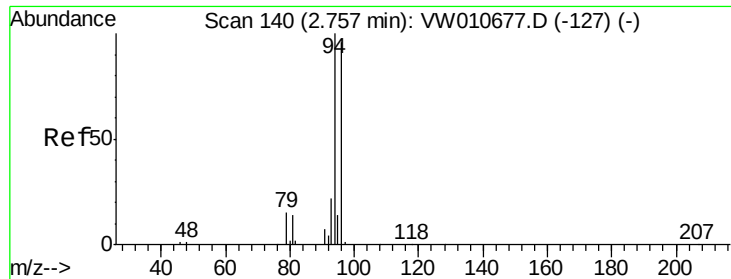
Tgt Ion: 62 Resp: 36292

Ion Ratio Lower Upper

62 100

64 34.0 24.5 36.7





#5

Bromomethane

Concen: 11.003 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 21123

Ion Ratio Lower Upper

94 100

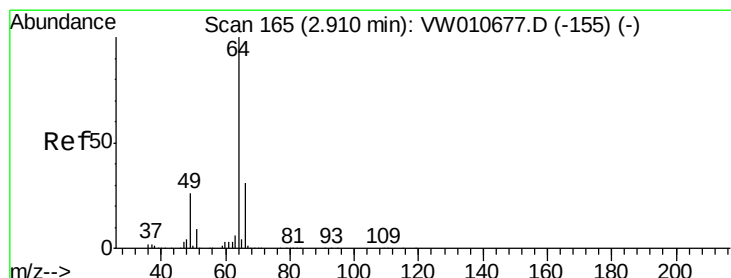
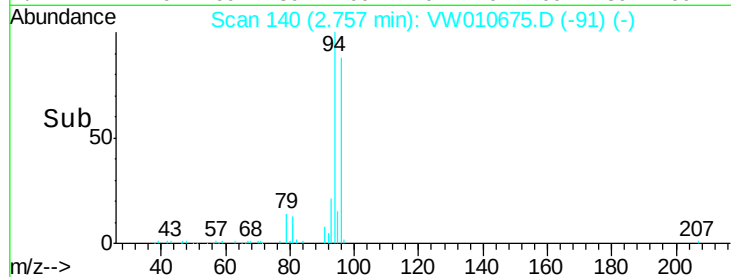
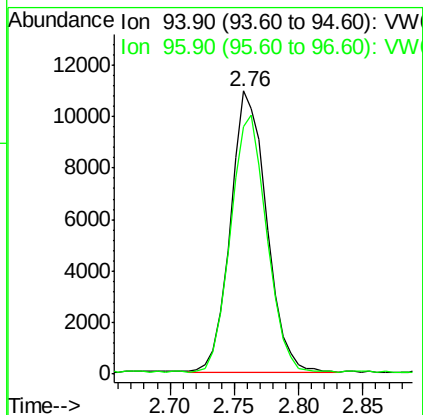
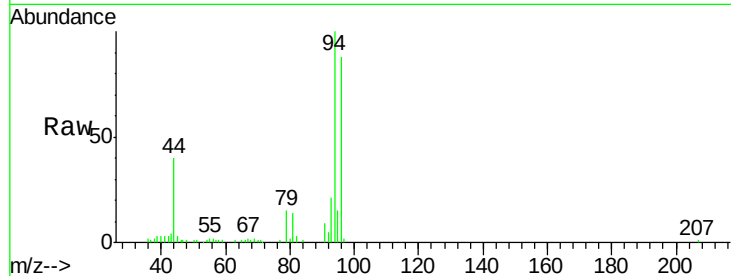
96 87.9 76.5 114.7

Manual Integrations

APPROVED

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6/5/2019 3:04:54 PM



#6

Chloroethane

Concen: 10.348 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010675.D

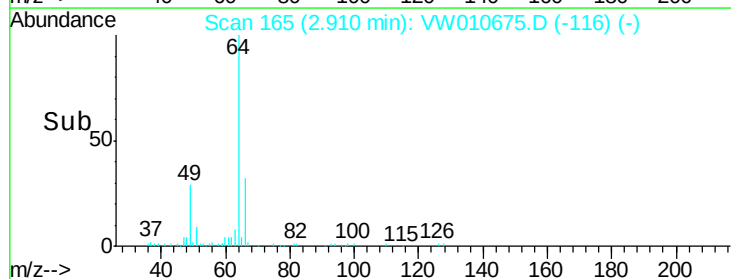
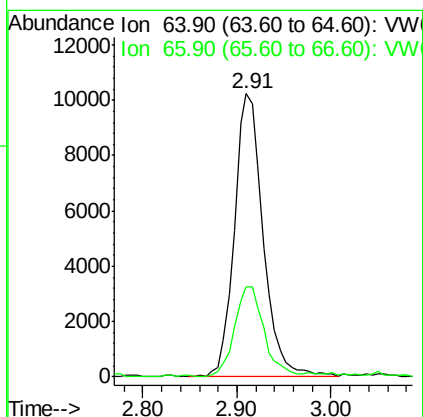
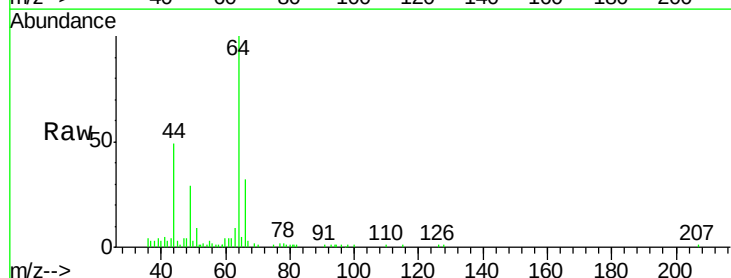
Acq: 04 Jun 2019 14:48

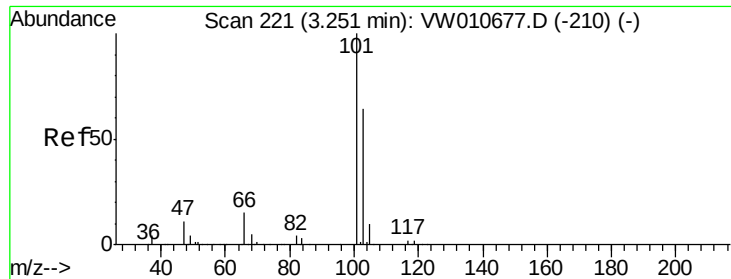
Tgt Ion: 64 Resp: 21714

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7





#7

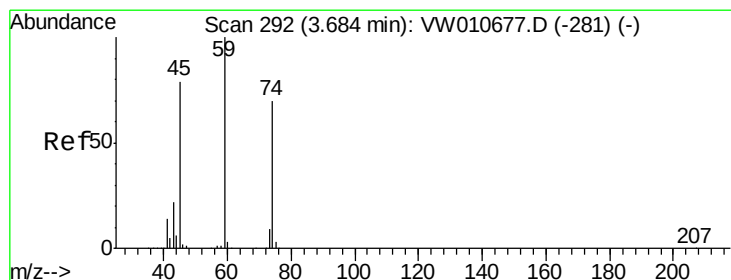
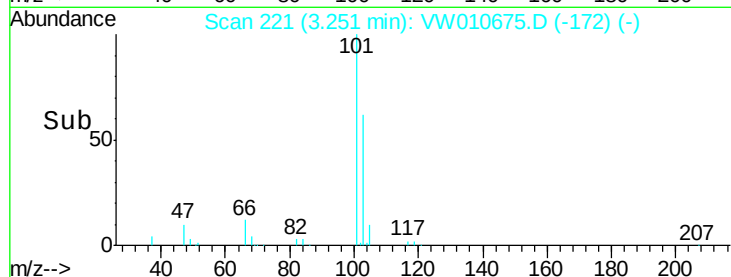
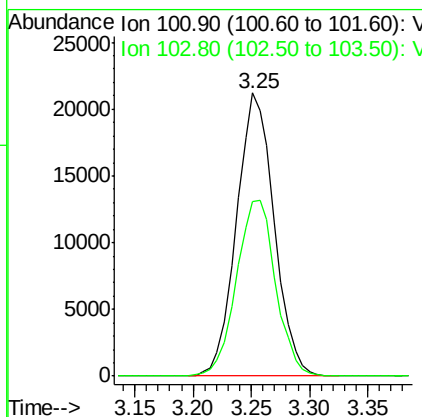
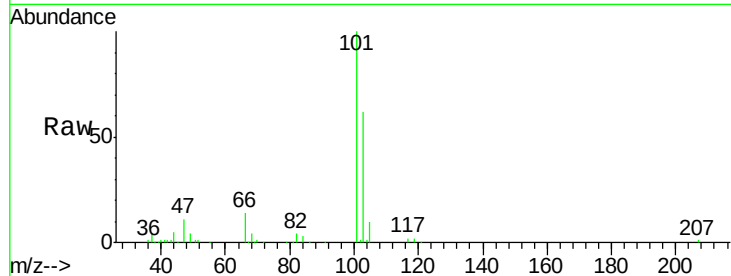
Trichlorofluoromethane  
Concen: 10.507 ug/l  
RT: 3.25 min Scan# 221  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 61.6  | 51.2  | 76.8  |

Manual Integrations  
APPROVED

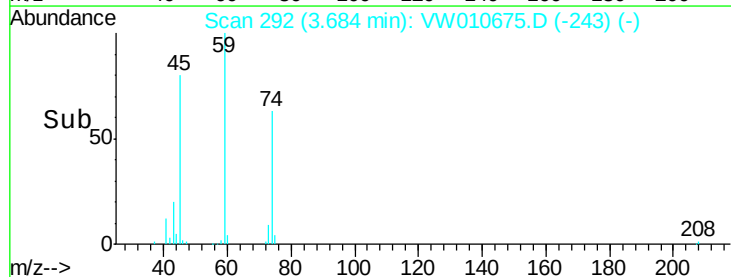
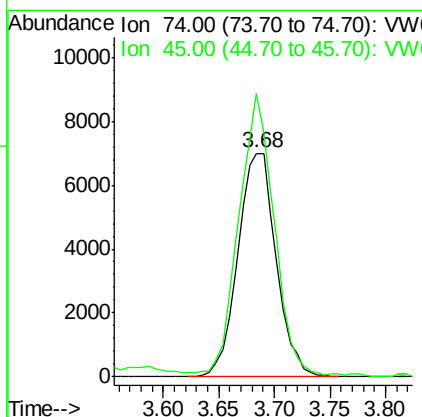
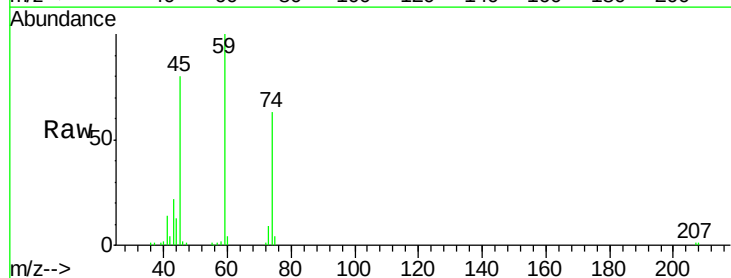
MMDadoda  
6/5/2019 3:04:54 PM



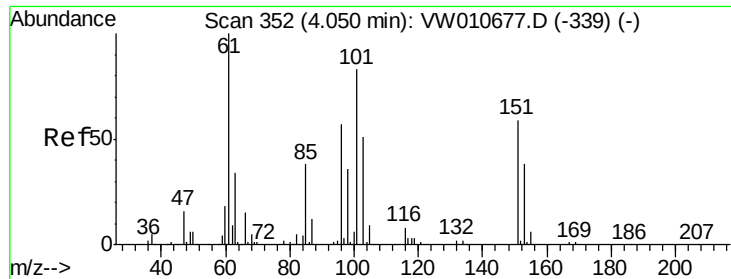
#8

Diethyl Ether  
Concen: 10.264 ug/l  
RT: 3.68 min Scan# 292  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 117.0 | 56.9  | 170.7 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.417 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

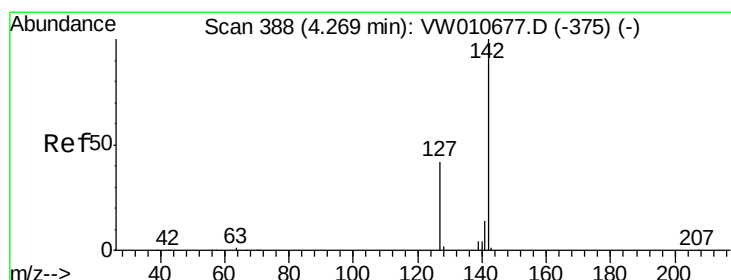
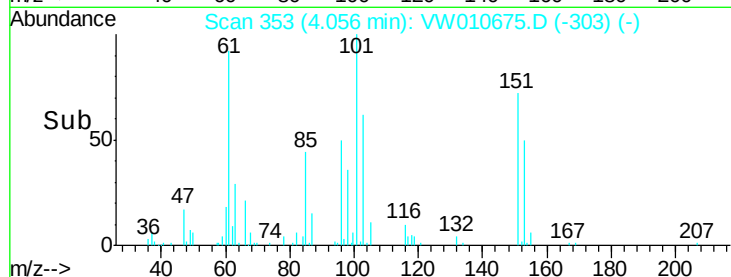
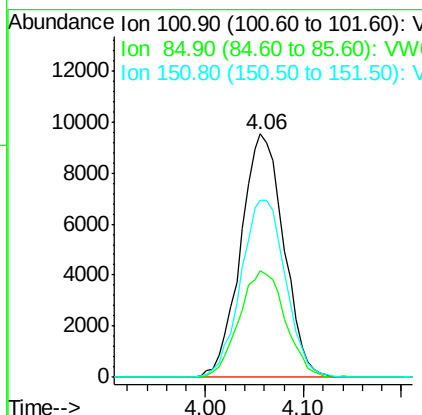
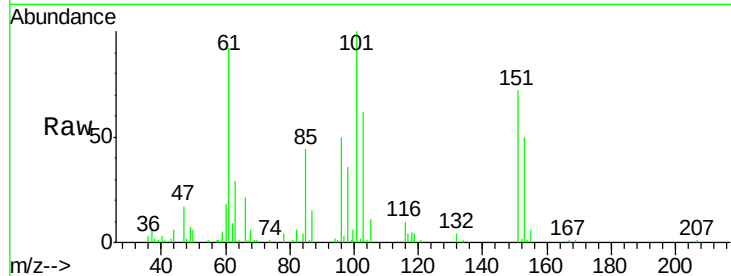
ClientSampled :

VSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 29065 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 46.6  | 35.8  | 53.8  |
| 151       | 75.5  | 58.1  | 87.1  |

Manual Integrations  
APPROVED

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6/5/2019 3:04:54 PM



#10

Methyl Iodide

Concen: 8.167 ug/l

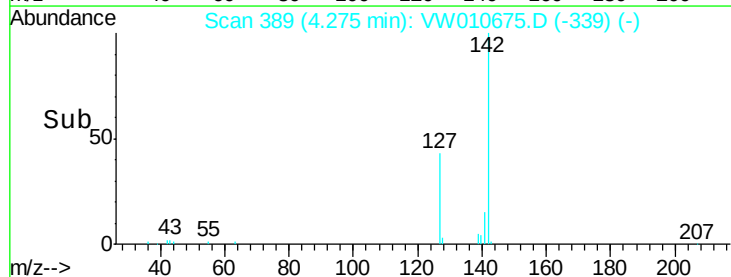
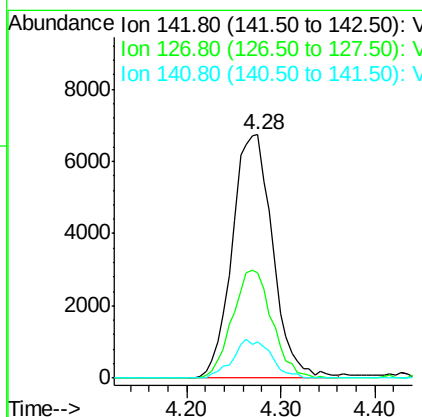
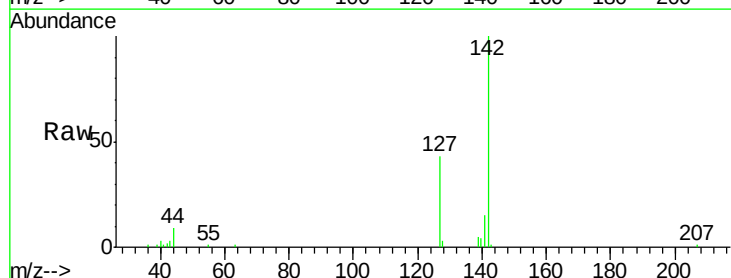
RT: 4.28 min Scan# 389

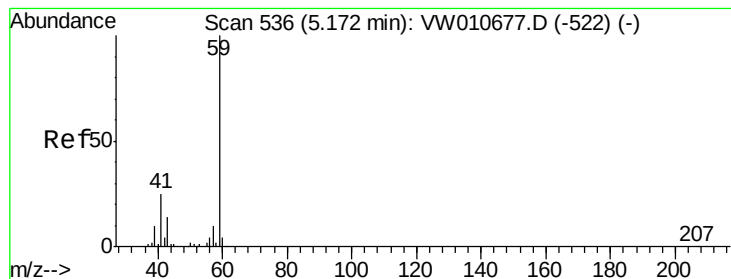
Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 20124 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.5  | 34.6  | 51.8  |
| 141       | 14.9  | 11.6  | 17.4  |





#11

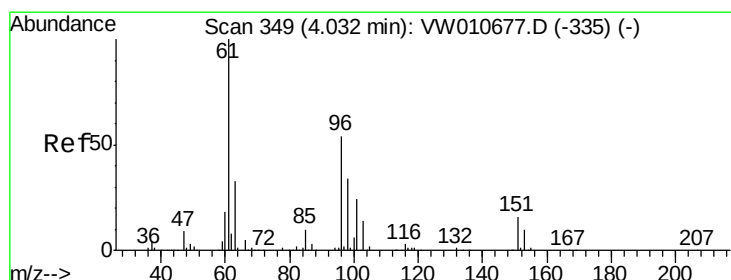
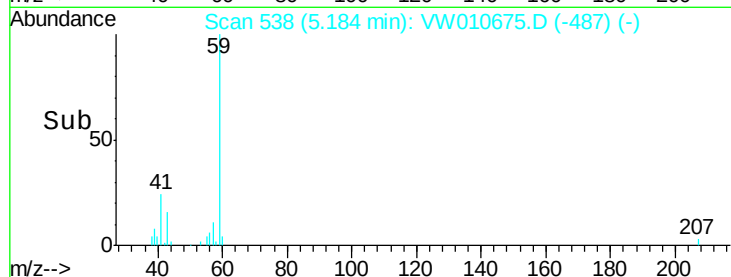
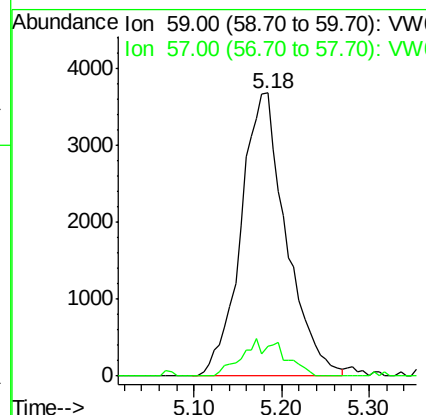
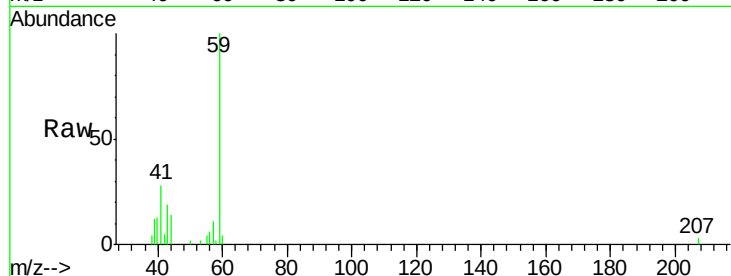
Tert butyl alcohol  
Concen: 49.573 ug/l  
RT: 5.18 min Scan# 538  
Delta R.T. 0.01 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 6.1   | 8.6   | 12.8# |

Manual Integrations  
APPROVED

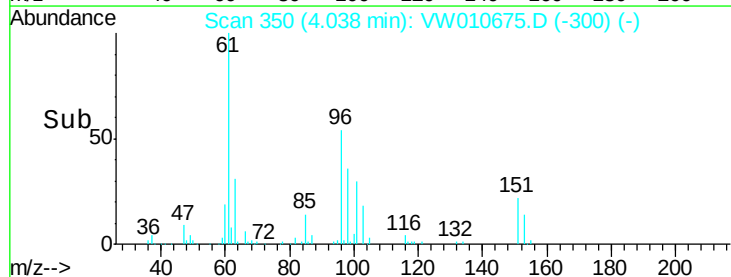
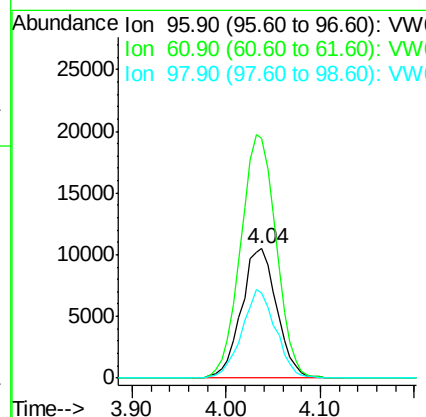
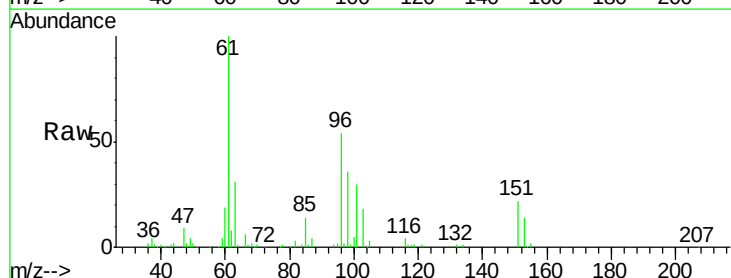
MMDadoda  
6/5/2019 3:04:54 PM

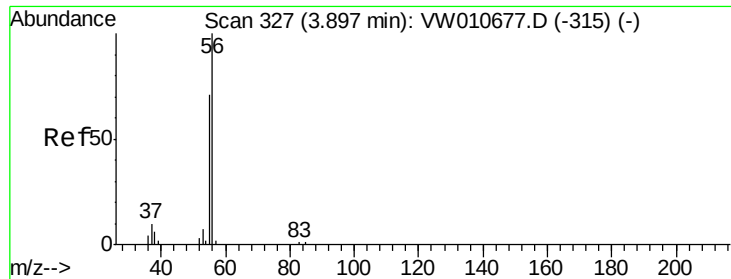


#12

1,1-Dichloroethene  
Concen: 10.216 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. 0.01 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 185.1 | 149.1 | 223.7 |
| 98      | 65.8  | 51.1  | 76.7  |





#13

Acrolein

Concen: 54.778 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion: 56 Resp: 5982

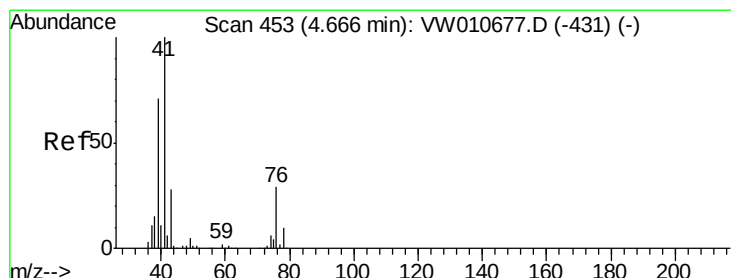
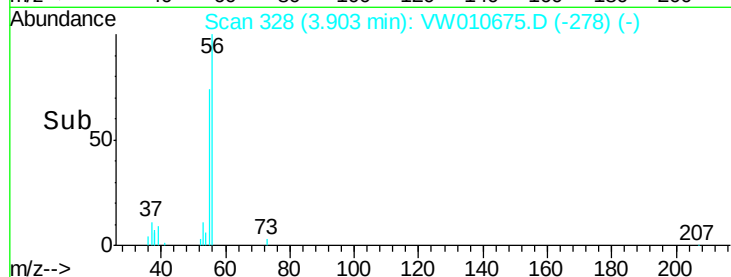
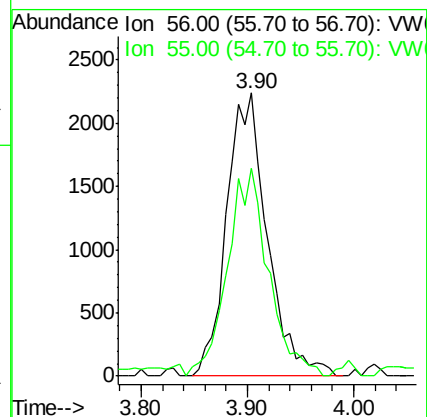
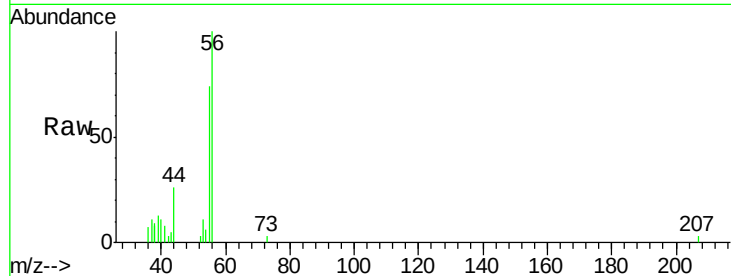
Ion Ratio Lower Upper

56 100

55 73.7 57.6 86.4

Manual Integrations  
APPROVED

MMDadoda  
6/5/2019 3:04:54 PM



#14

Allyl chloride

Concen: 10.096 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

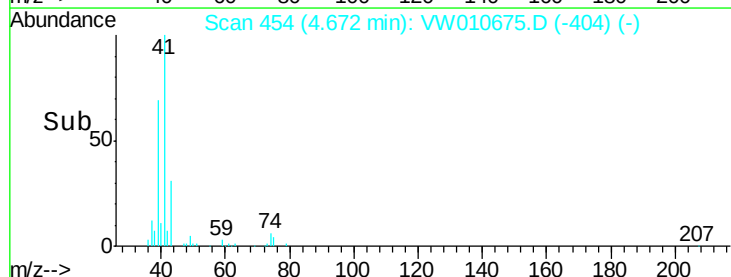
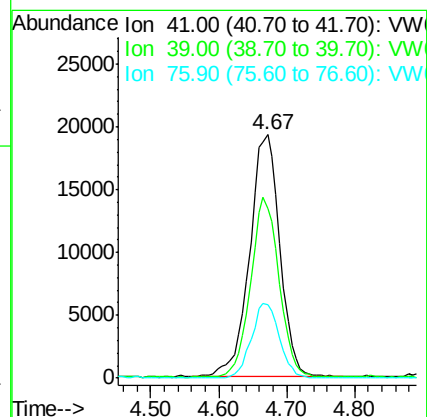
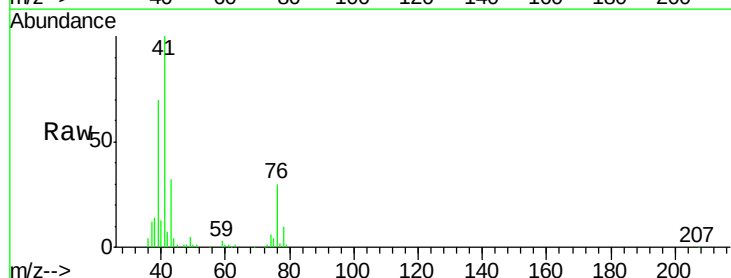
Tgt Ion: 41 Resp: 59915

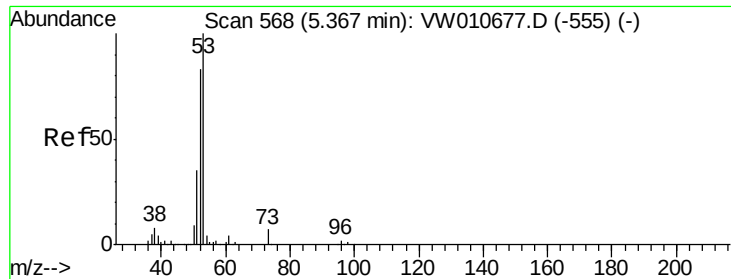
Ion Ratio Lower Upper

41 100

39 71.3 55.8 83.6

76 28.7 22.7 34.1





#15

Acrylonitrile

Concen: 51.548 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

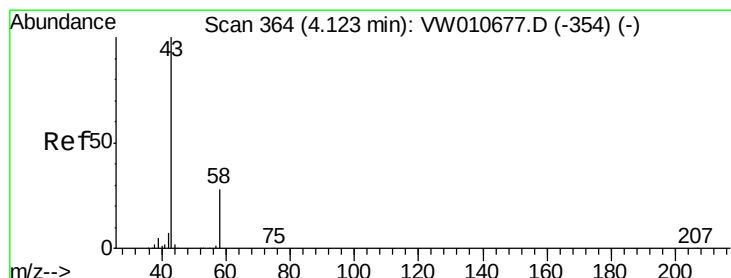
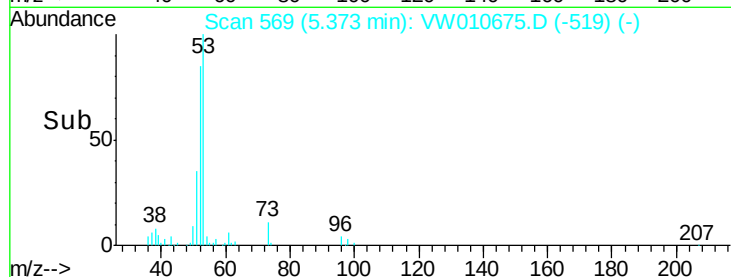
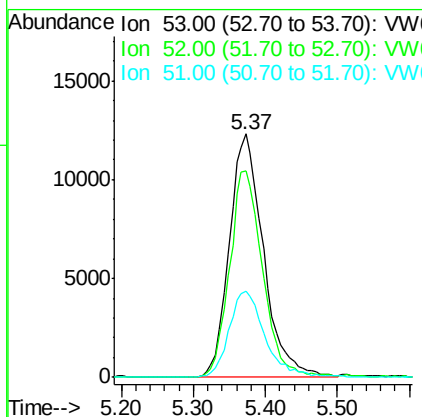
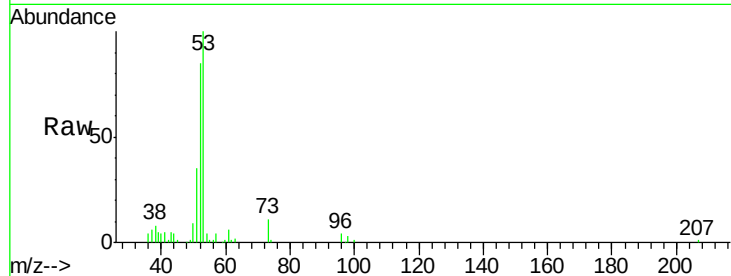
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 40614 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.3  | 66.6  | 100.0 |
| 51       | 37.1  | 29.8  | 44.8  |

Manual Integrations  
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6/5/2019 3:04:54 PM



#16

Acetone

Concen: 47.386 ug/l

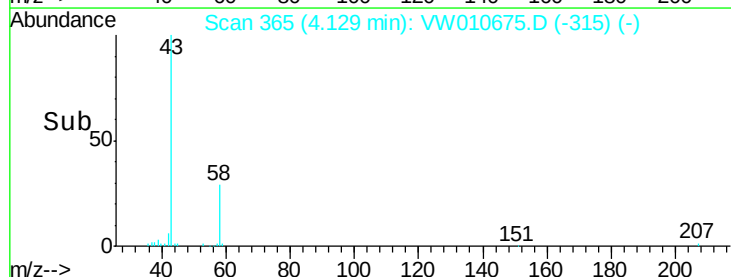
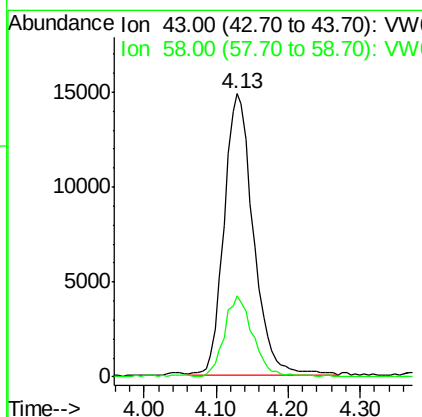
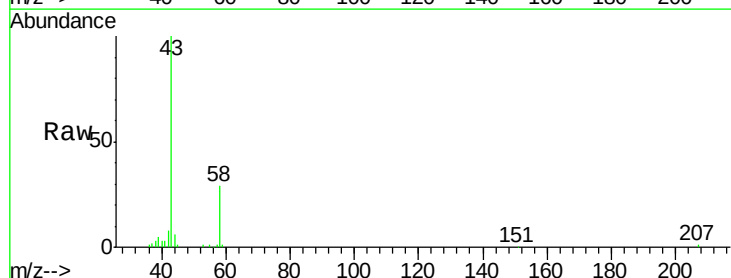
RT: 4.13 min Scan# 365

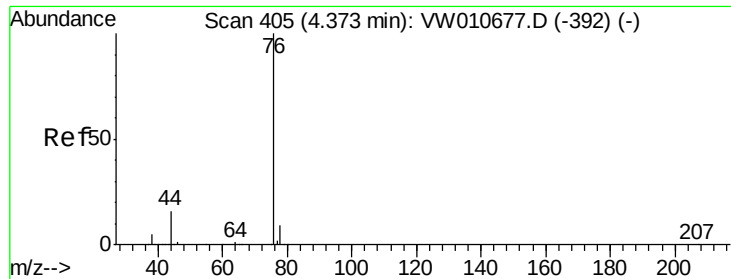
Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 41651 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.9  | 22.1  | 33.1  |





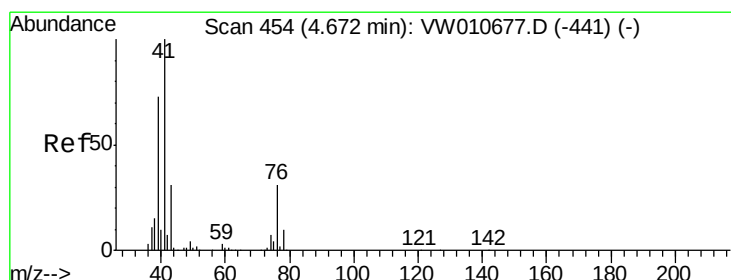
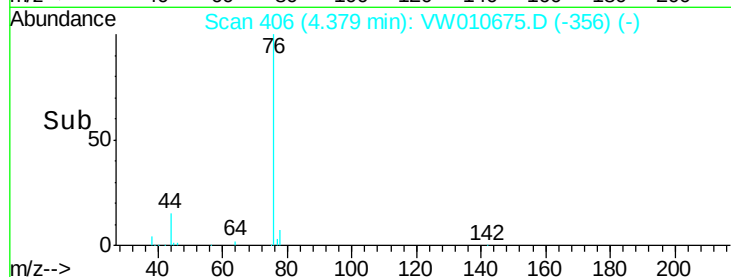
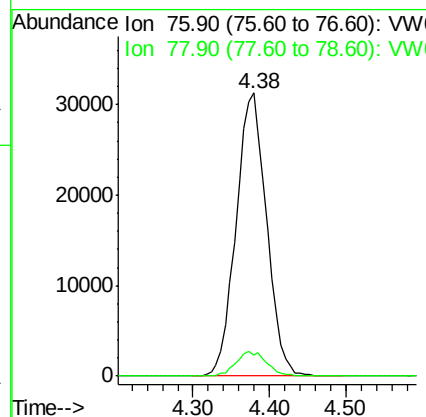
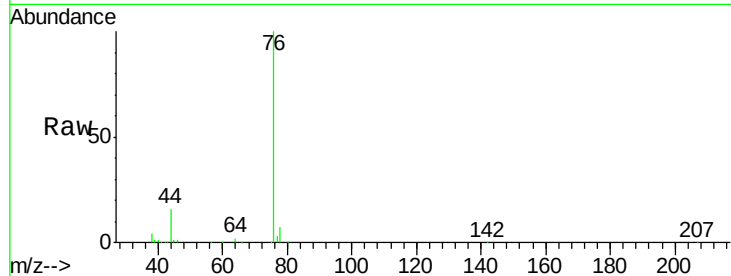
#17  
Carbon Disulfide  
Concen: 10.102 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. 0.01 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 7.3   | 7.5   | 11.3# |

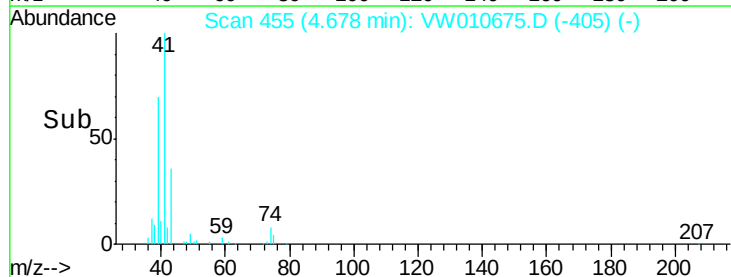
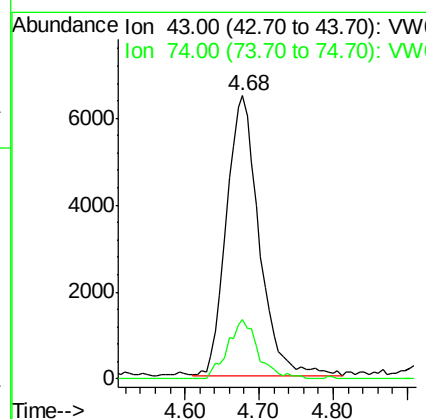
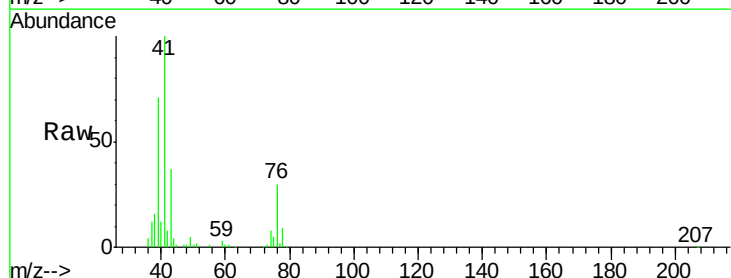
Manual Integrations  
APPROVED

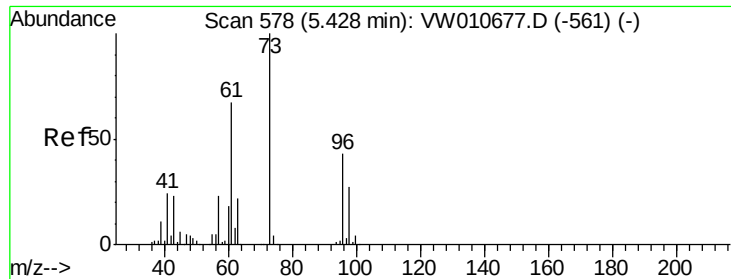
MMDadoda  
6/5/2019 3:04:54 PM



#18  
Methyl Acetate  
Concen: 10.425 ug/l  
RT: 4.68 min Scan# 455  
Delta R.T. 0.01 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.1  | 16.7  | 25.1  |





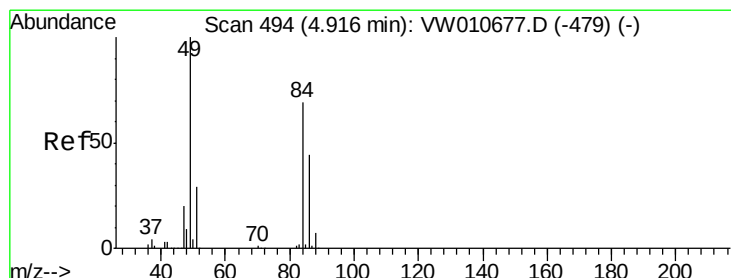
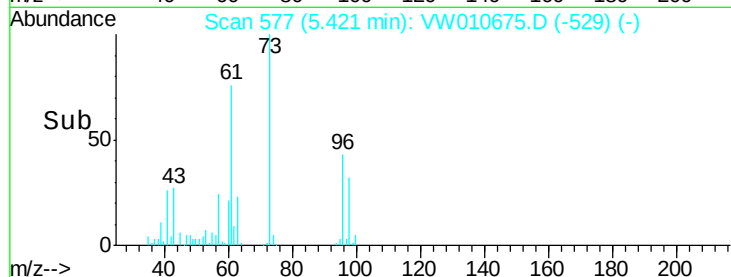
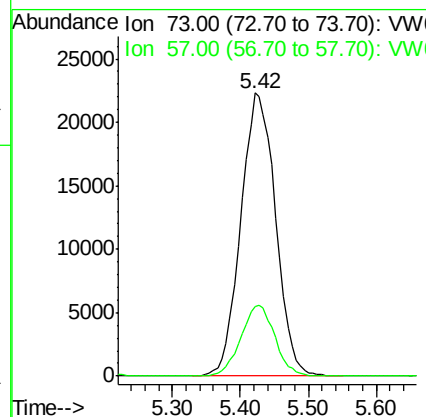
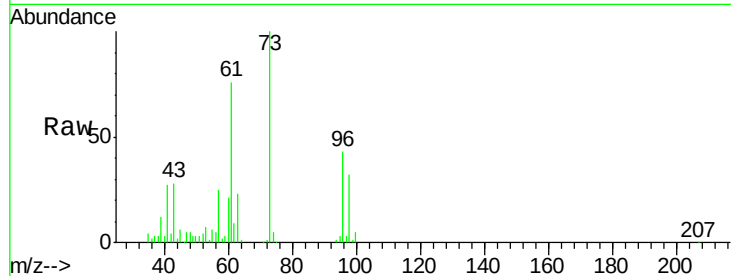
#19  
Methyl tert-butyl Ether  
Concen: 10.202 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion: 73 Resp: 79190  
Ion Ratio Lower Upper  
73 100  
57 24.7 18.6 27.8

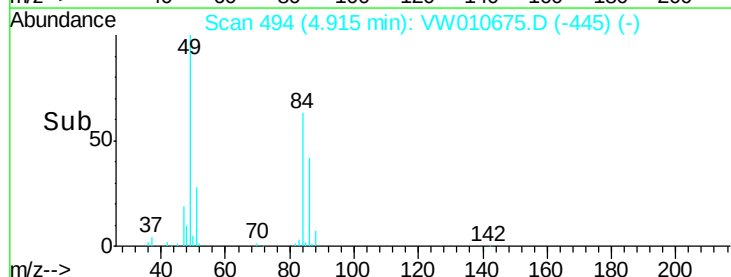
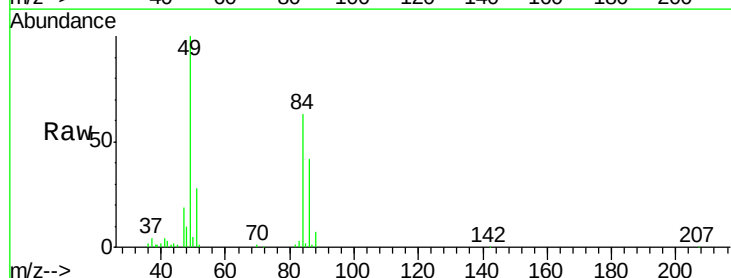
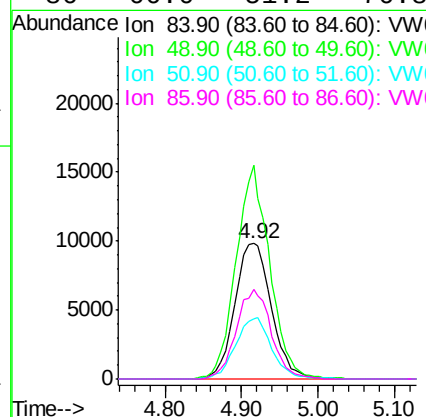
Manual Integrations  
APPROVED

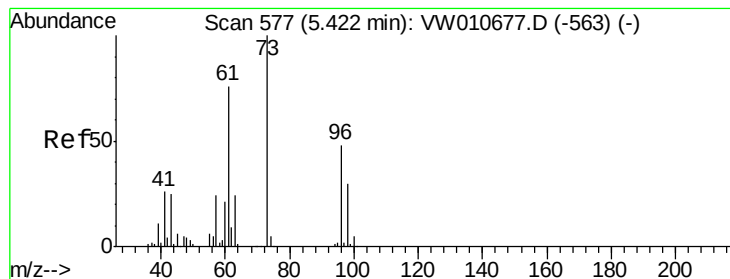
MMDadoda  
6/5/2019 3:04:54 PM



#20  
Methylene Chloride  
Concen: 10.519 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Tgt Ion: 84 Resp: 32436  
Ion Ratio Lower Upper  
84 100  
49 157.8 116.7 175.1  
51 44.6 34.2 51.2  
86 66.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 10.268 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

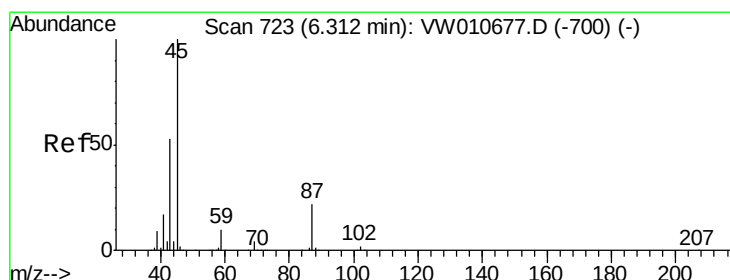
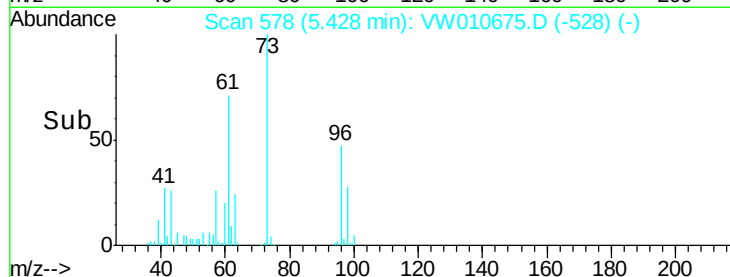
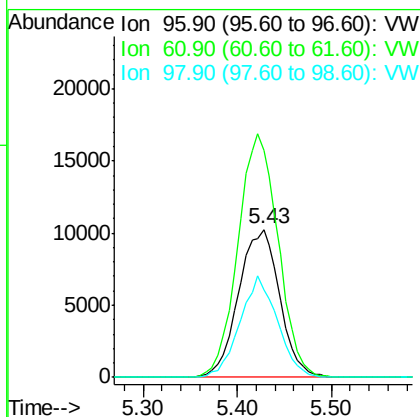
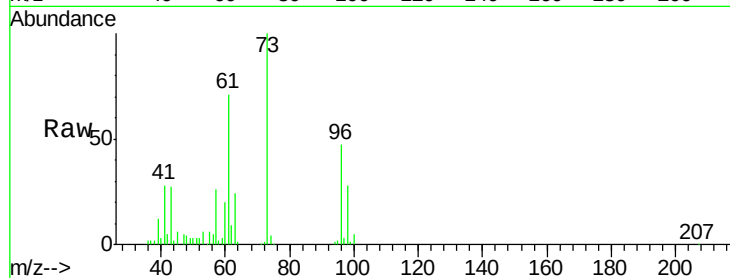
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 31373 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 153.3 | 126.0 | 189.0 |
| 98       | 59.1  | 49.6  | 74.4  |

Manual Integrations  
APPROVED

MMDadoda  
6/5/2019 3:04:54 PM



#22

Diisopropyl ether

Concen: 10.159 ug/l

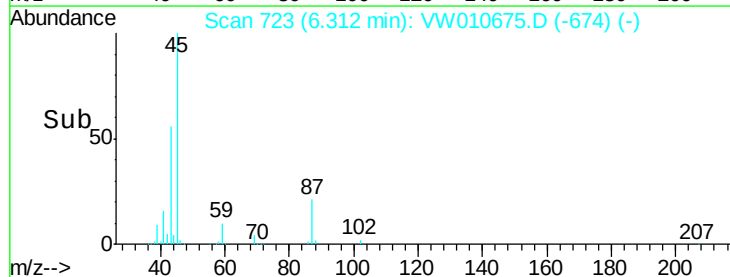
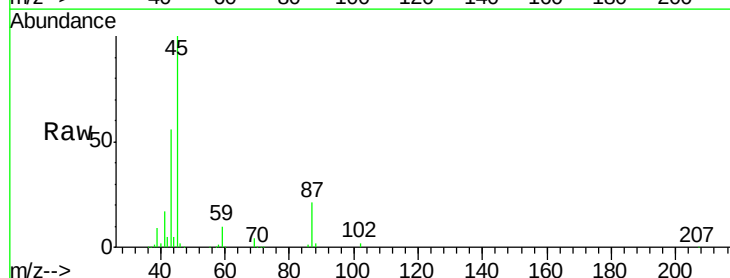
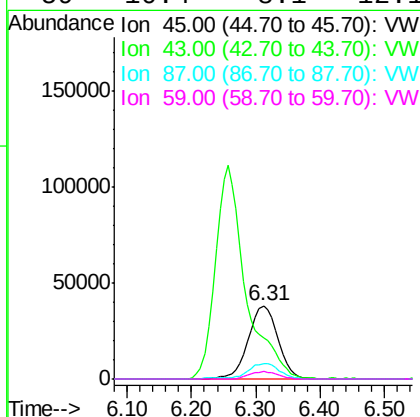
RT: 6.31 min Scan# 723

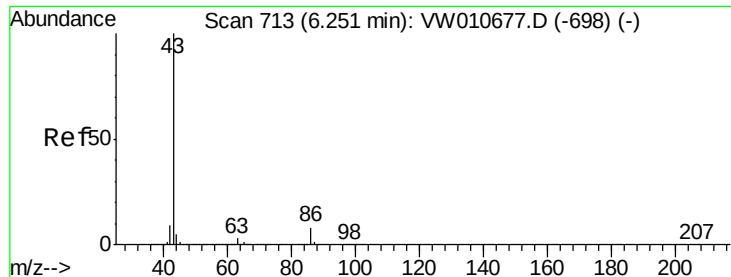
Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 120697 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 55.6  | 42.5  | 63.7   |
| 87       | 20.8  | 17.4  | 26.2   |
| 59       | 10.4  | 8.1   | 12.1   |





#23

Vinyl Acetate

Concen: 50.878 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 364801

Ion Ratio Lower Upper

43 100

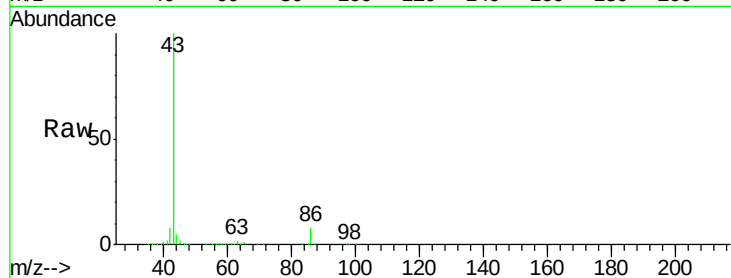
86 8.1 6.6 10.0

Manual Integrations

APPROVED

MMDadoda

6/5/2019 3:04:54 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

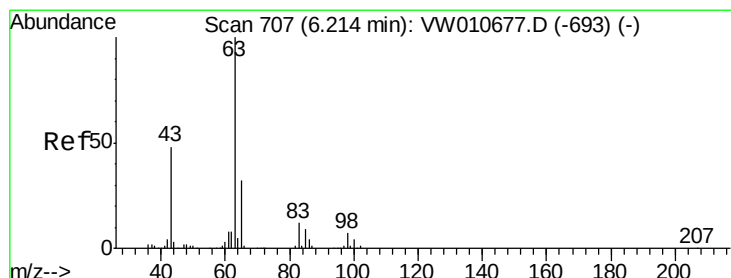
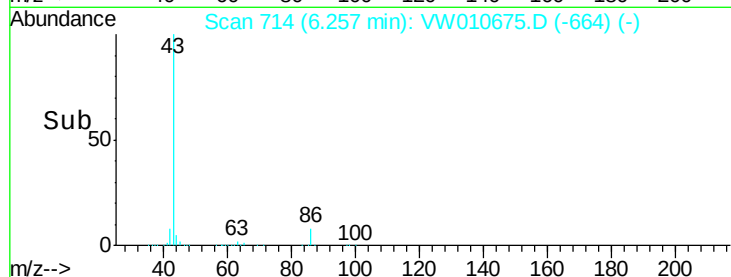
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 10.274 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

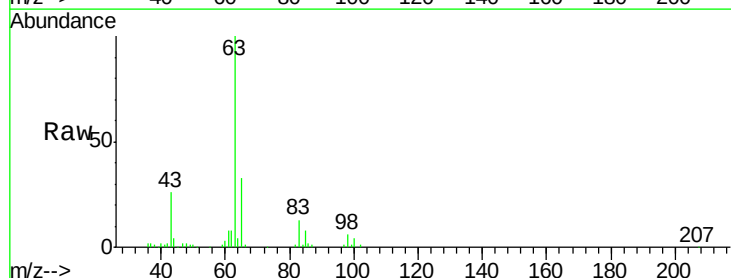
Tgt Ion: 63 Resp: 61174

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 3.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

25000

20000

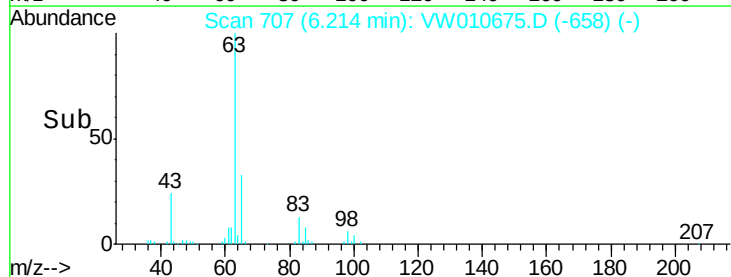
15000

10000

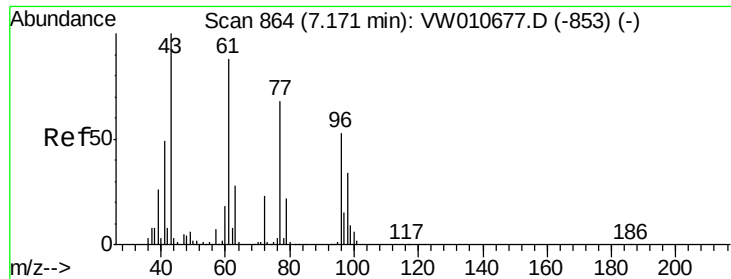
5000

0

Time-->







#25

2-Butanone

Concen: 50.604 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 61677

Ion Ratio Lower Upper

43 100

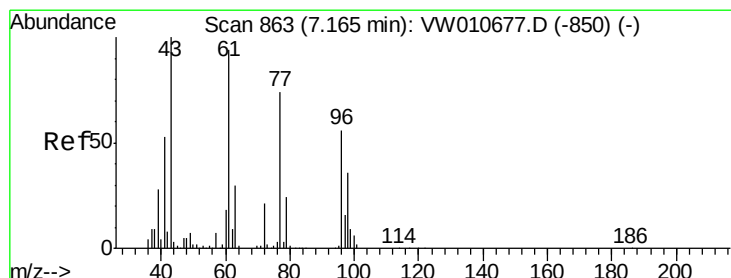
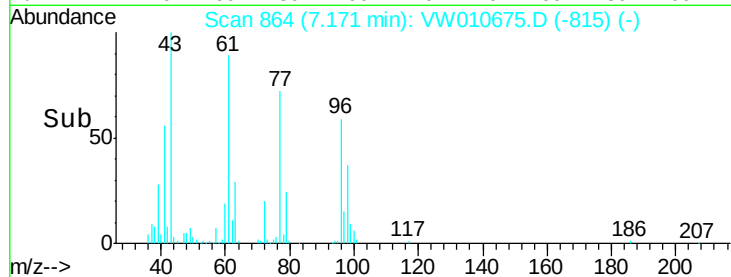
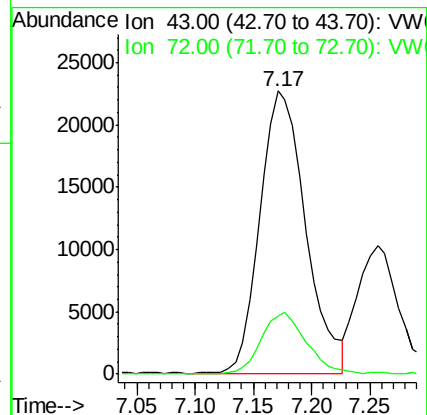
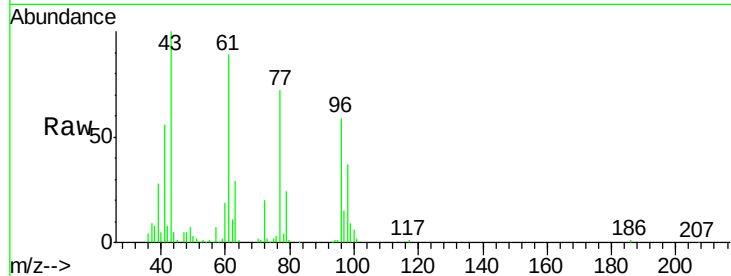
72 20.4 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.310 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010675.D

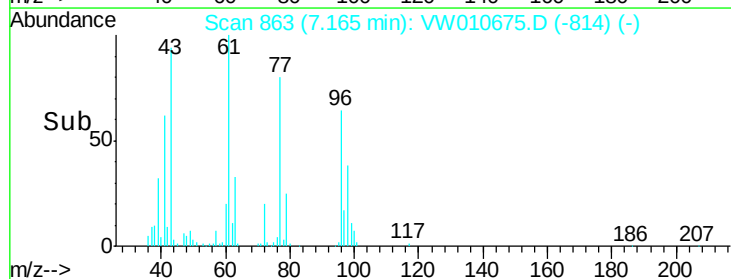
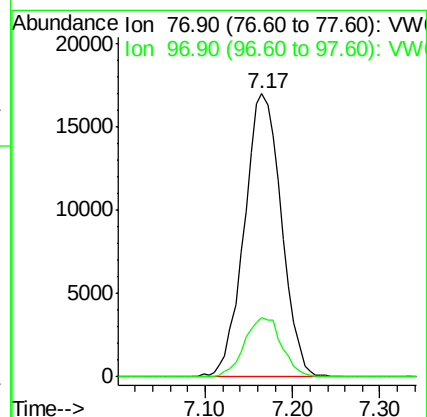
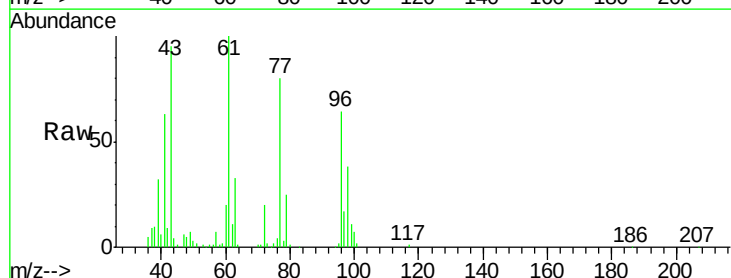
Acq: 04 Jun 2019 14:48

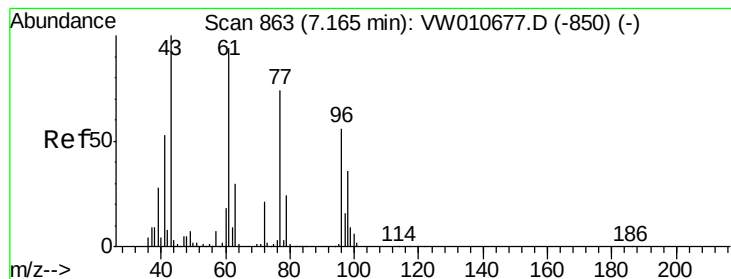
Tgt Ion: 77 Resp: 49951

Ion Ratio Lower Upper

77 100

97 21.0 10.5 31.6





#27

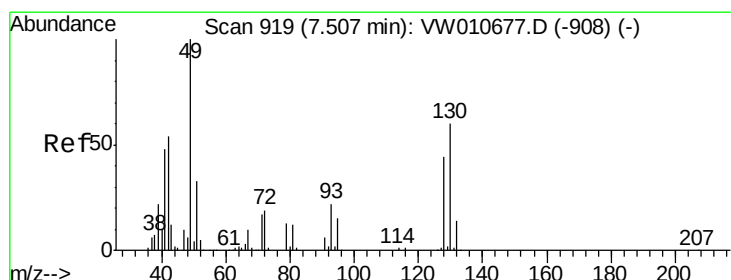
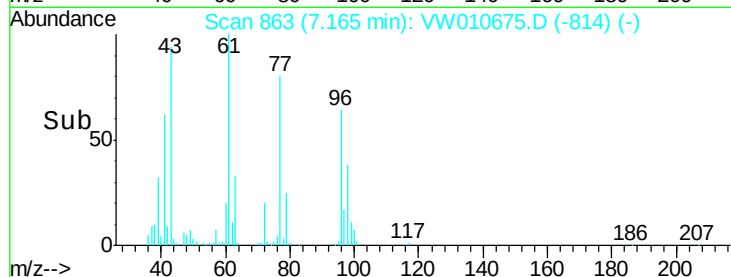
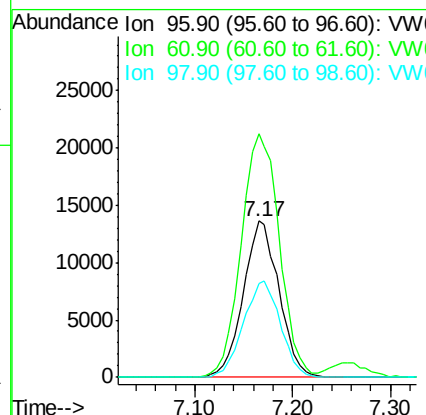
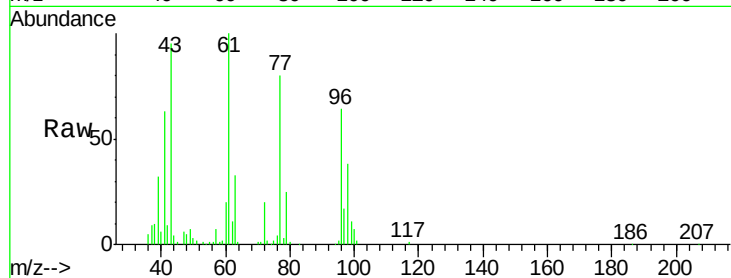
cis-1,2-Dichloroethene  
Concen: 10.314 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 166.0 | 0.0   | 336.4 |
| 98      | 63.7  | 0.0   | 128.0 |

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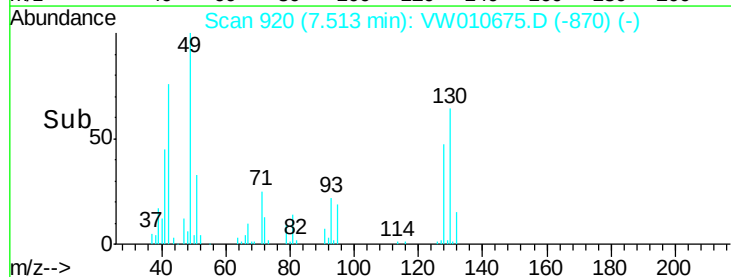
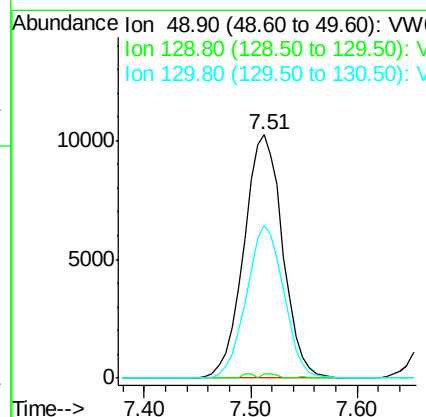
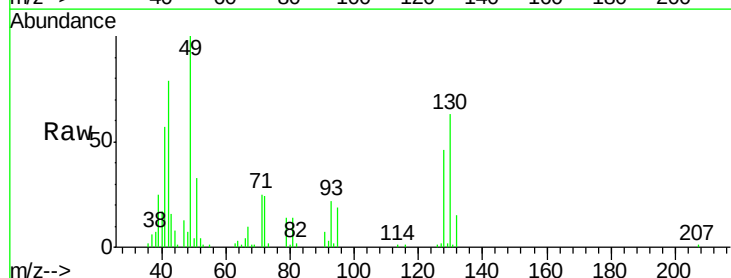
MMDadoda  
6/5/2019 3:04:54 PM

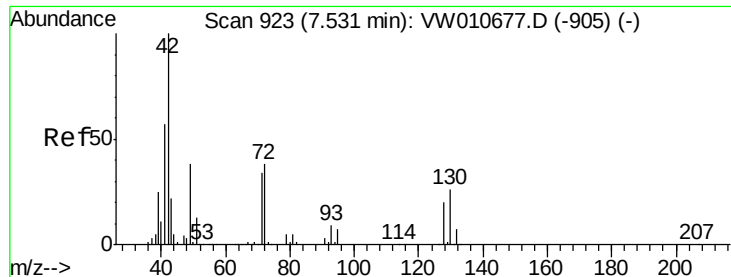


#28

Bromochloromethane  
Concen: 9.845 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.7   | 0.0   | 3.2   |
| 130     | 60.3  | 48.3  | 72.5  |





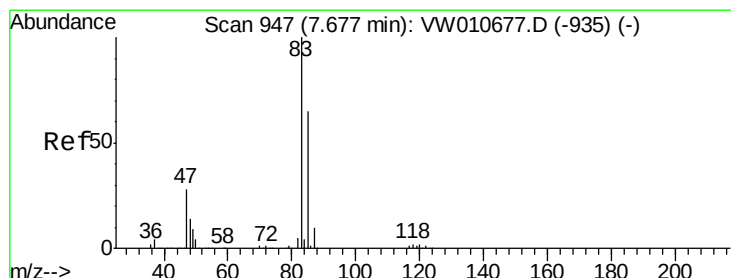
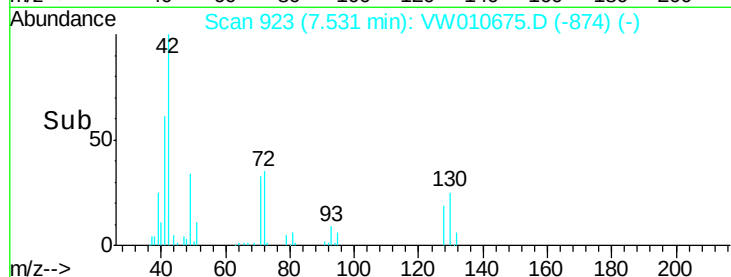
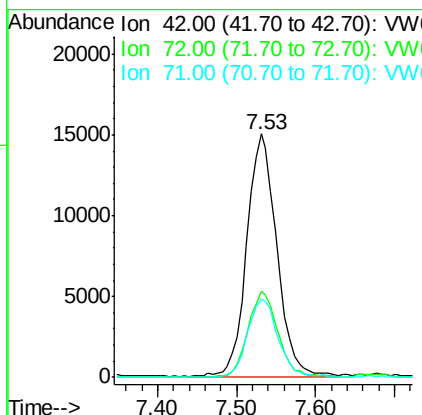
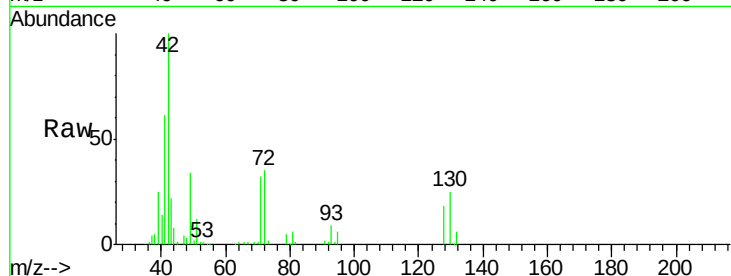
#29  
Tetrahydrofuran  
Concen: 52.464 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 35.1  | 28.7  | 43.1  |
| 71      | 32.4  | 26.6  | 39.8  |

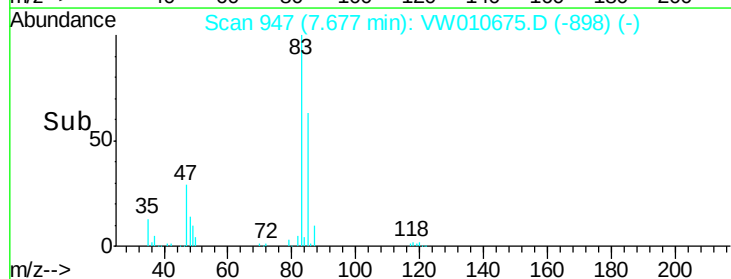
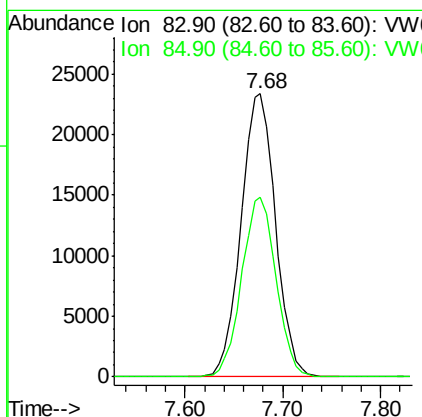
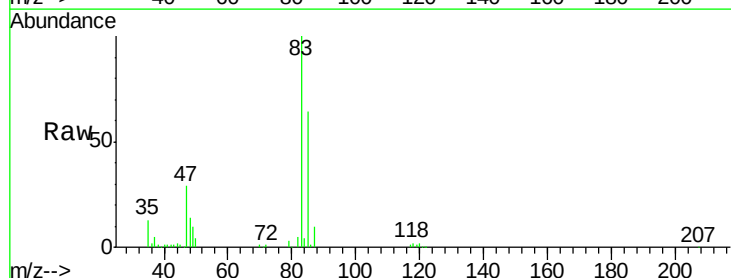
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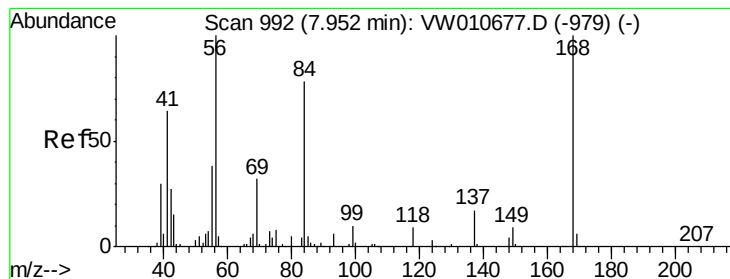
MMDadoda  
6/5/2019 3:04:54 PM



#30  
Chloroform  
Concen: 10.462 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.6  | 51.8  | 77.8  |





#31

Cyclohexane

Concen: 10.794 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion: 56 Resp: 71442

Ion Ratio Lower Upper

56 100

69 43.0 25.2 37.8#

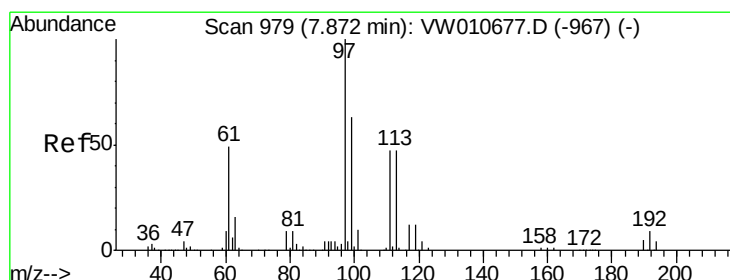
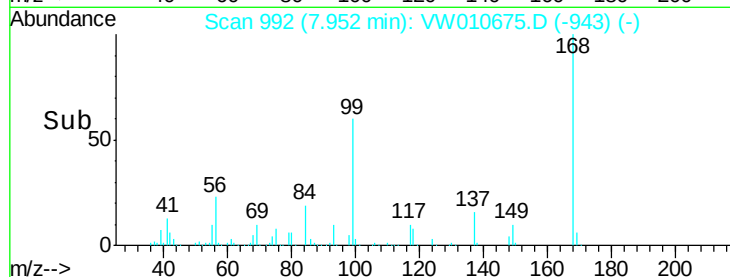
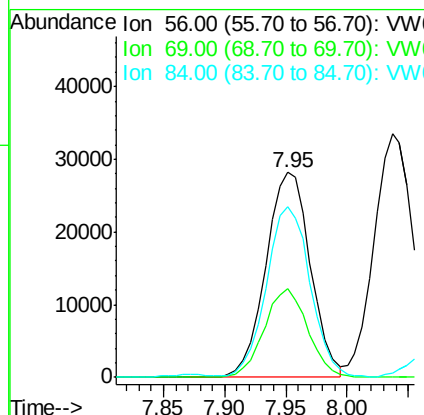
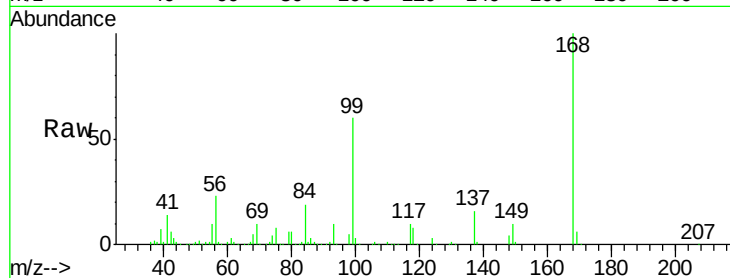
84 81.5 62.2 93.2

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#32

1,1,1-Trichloroethane

Concen: 10.217 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

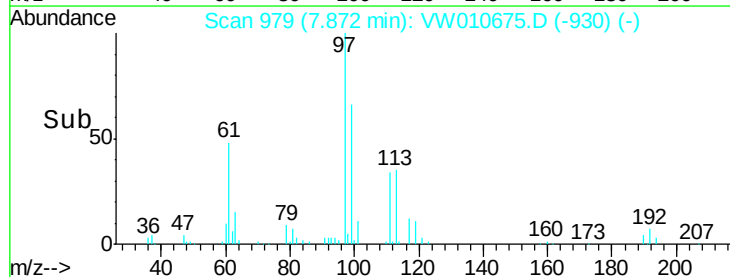
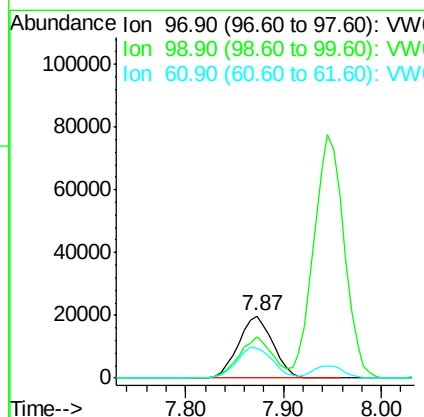
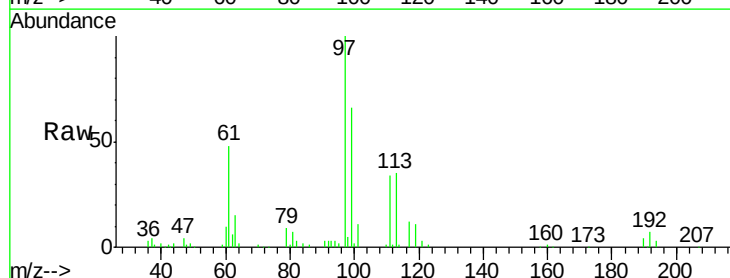
Tgt Ion: 97 Resp: 48603

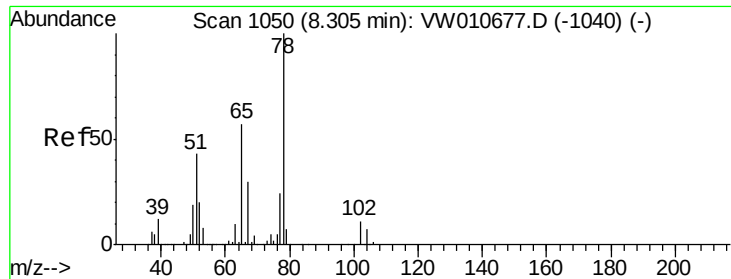
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 51.2 40.4 60.6





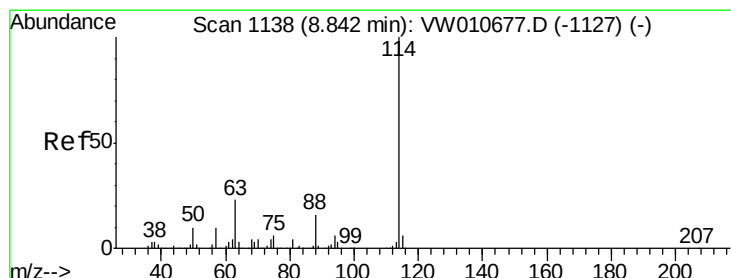
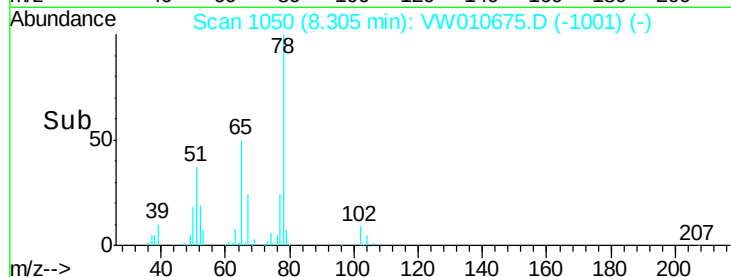
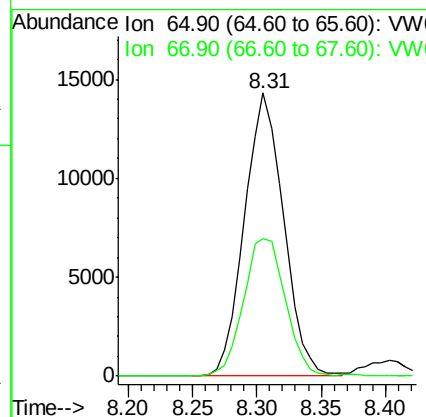
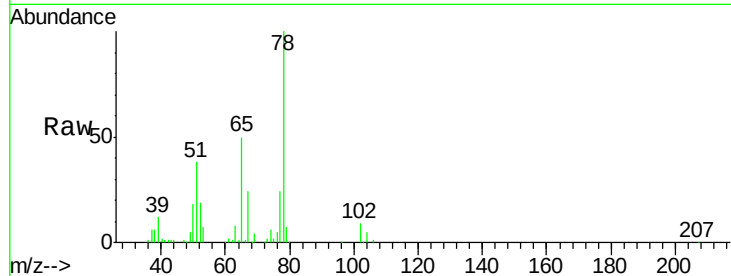
#33  
 1,2-Dichloroethane-d4  
 Concen: 9.187 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.9  | 0.0   | 102.6 |

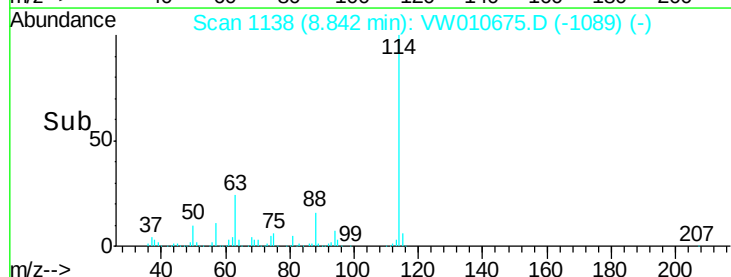
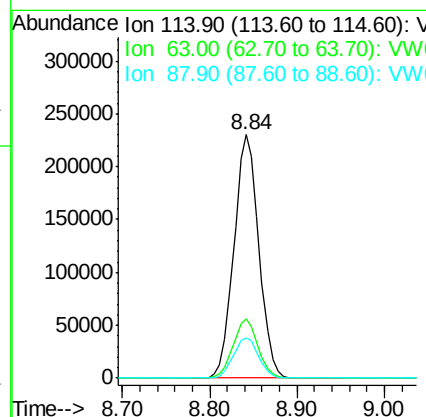
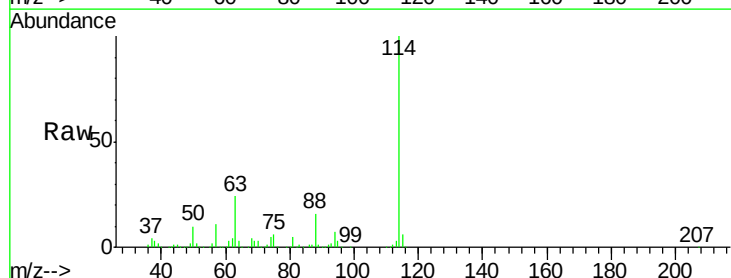
Manual Integrations  
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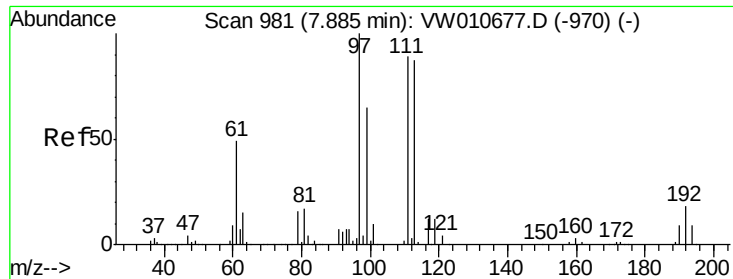
MMDadoda  
 6/5/2019 3:04:54 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 24.3  | 0.0   | 46.4  |
| 88      | 16.4  | 0.0   | 32.2  |





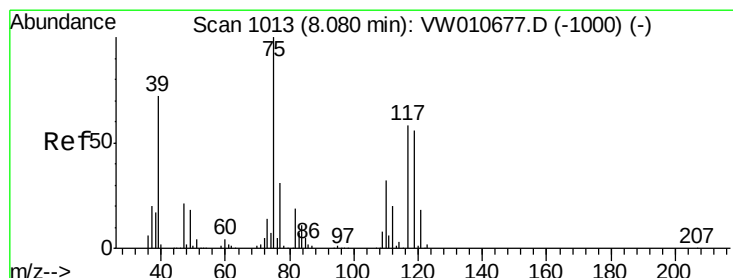
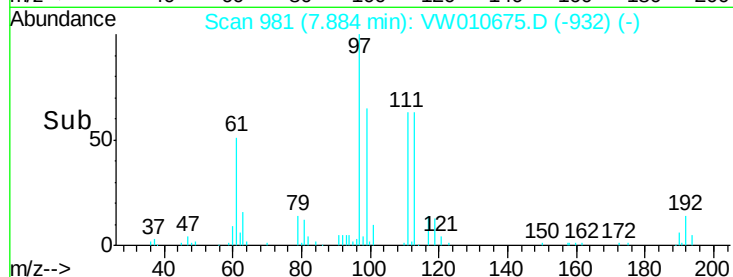
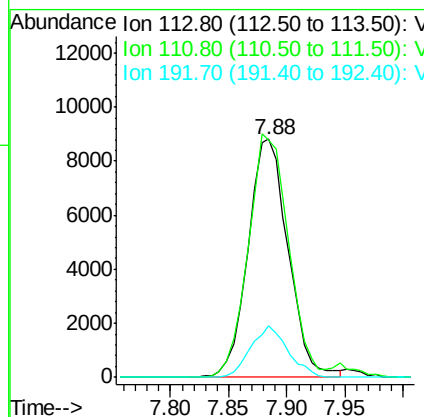
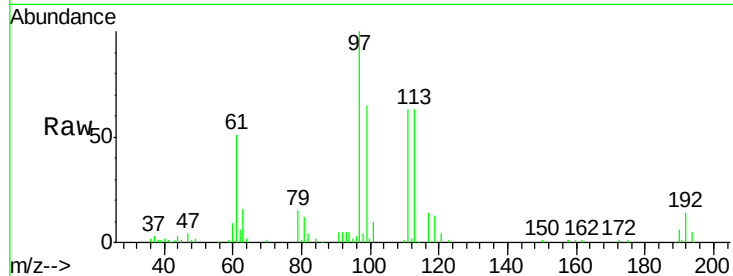
#35  
 Dibromofluoromethane  
 Concen: 8.556 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 82.6  | 123.8 |
| 192     | 20.0  | 16.4  | 24.6  |

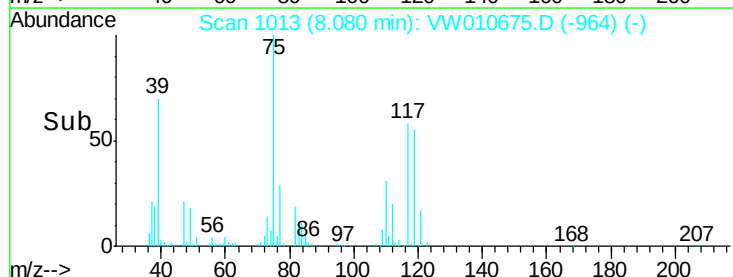
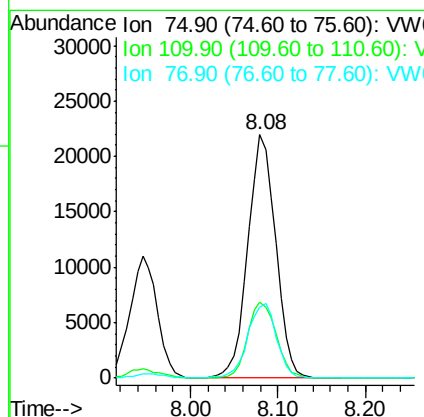
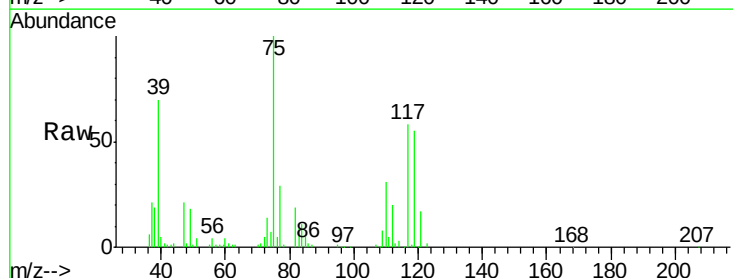
Manual Integrations  
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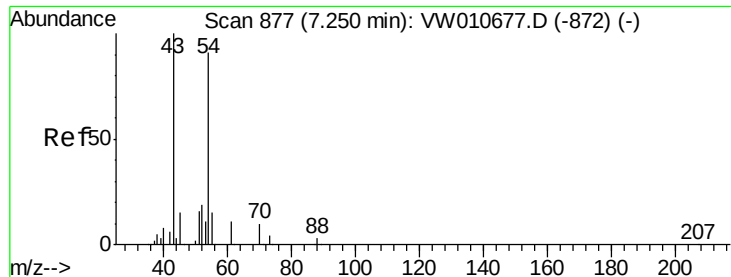
MMDadoda  
 6/5/2019 3:04:54 PM



#36  
 1,1-Dichloropropene  
 Concen: 10.466 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 32.1  | 15.8  | 47.3  |
| 77      | 31.6  | 24.7  | 37.1  |





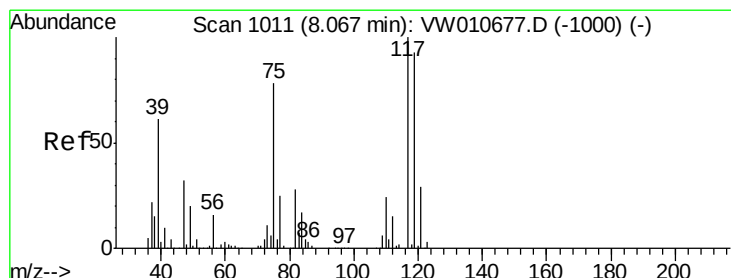
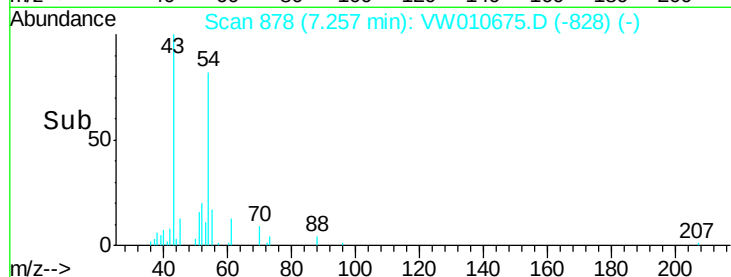
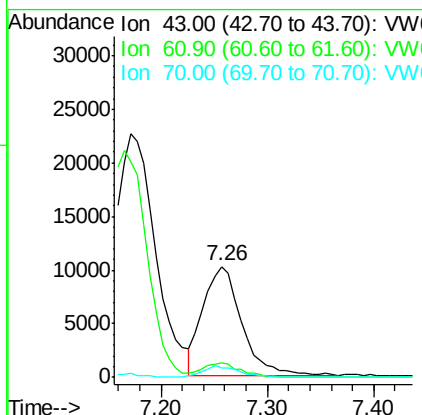
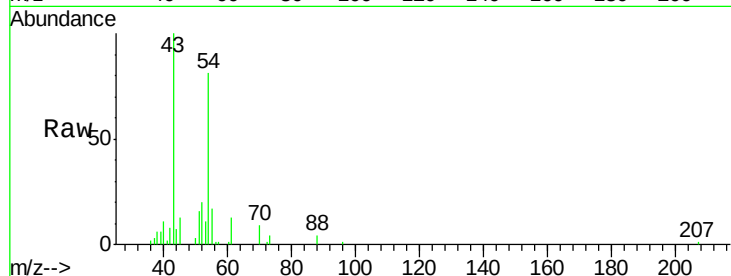
#37  
Ethyl Acetate  
Concen: 9.925 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.01 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.1  | 9.7   | 14.5  |
| 70      | 10.1  | 7.2   | 10.8  |

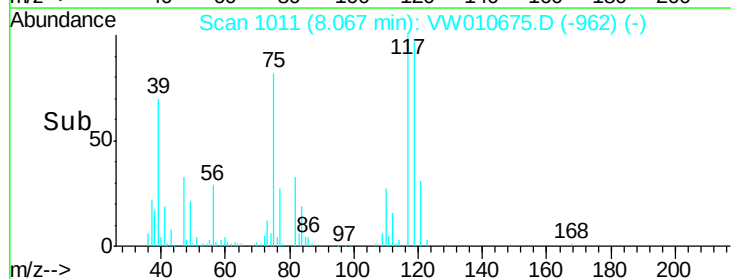
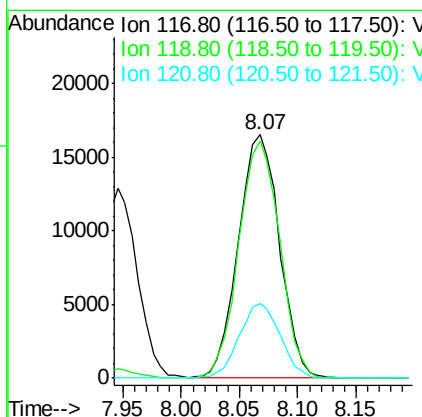
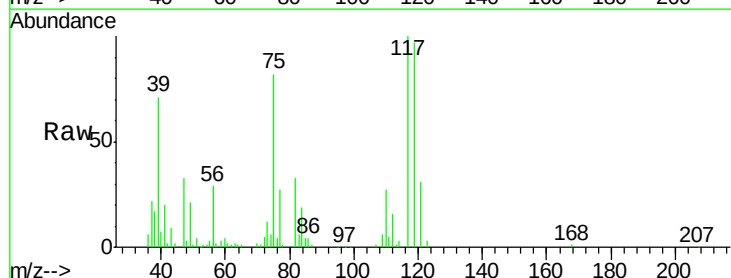
Manual Integrations  
APPROVED

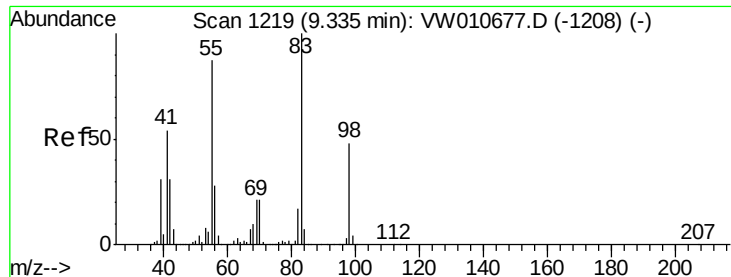
MMDadoda  
6/5/2019 3:04:54 PM



#38  
Carbon Tetrachloride  
Concen: 10.182 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.5  | 74.2  | 111.4 |
| 121     | 30.9  | 22.9  | 34.3  |





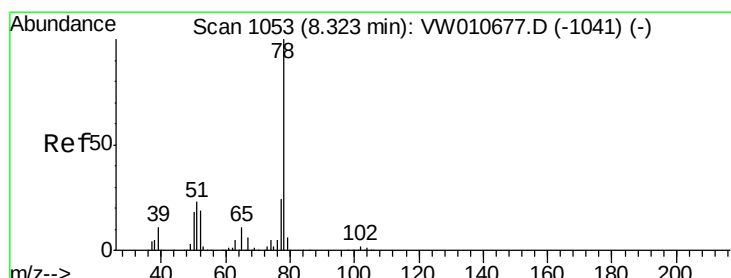
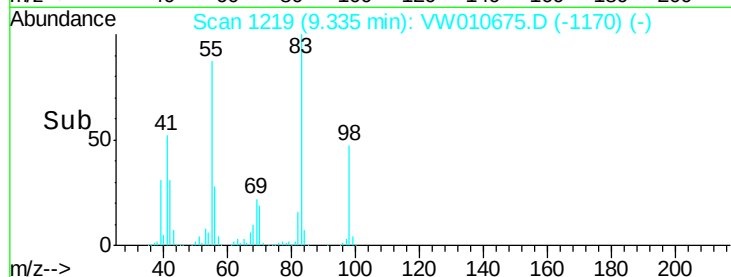
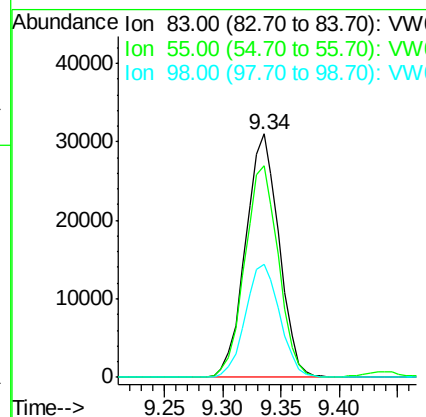
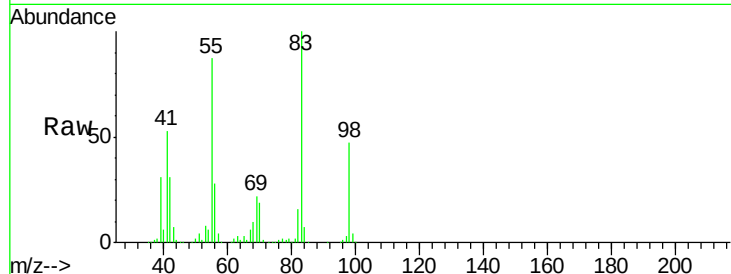
#39  
Methylvlcyclohexane  
Concen: 10.528 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 87.0  | 70.0  | 105.0 |
| 98      | 46.6  | 38.1  | 57.1  |

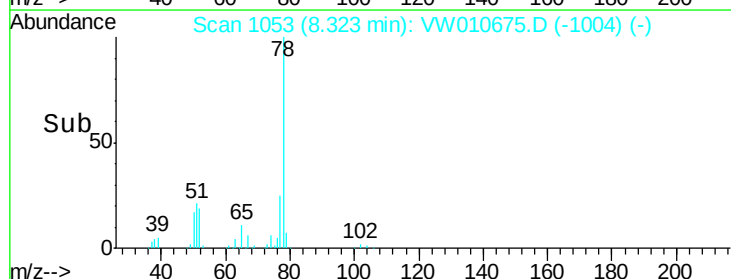
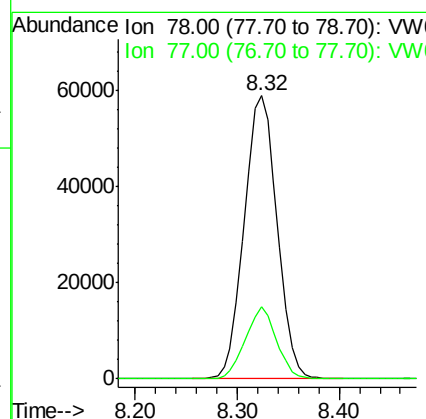
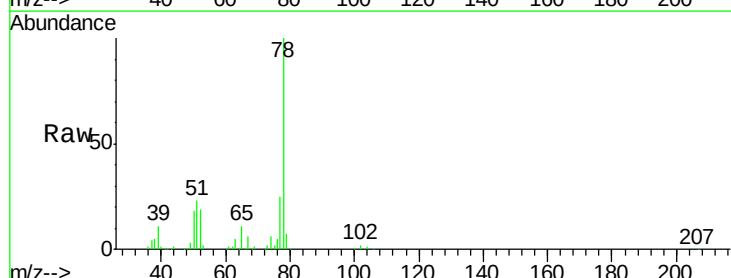
Manual Integrations  
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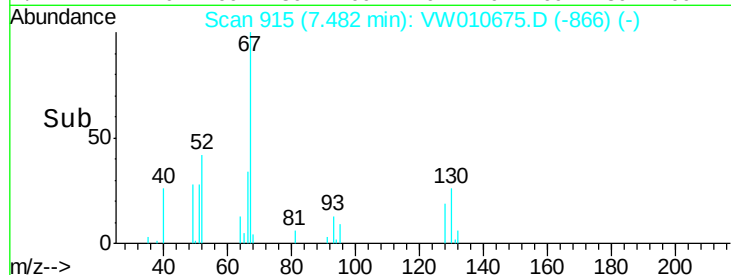
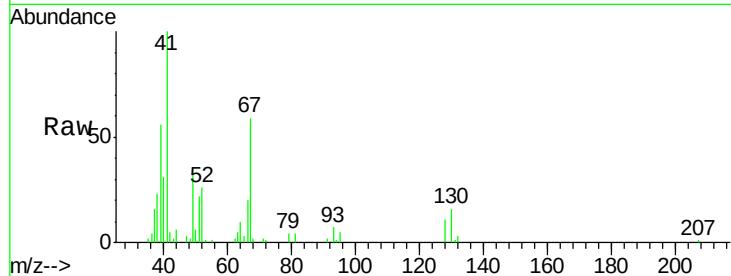
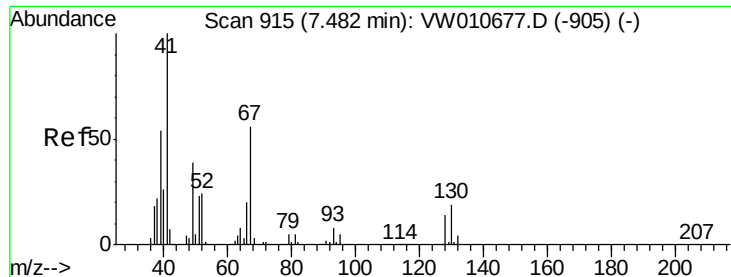


#40  
Benzene  
Concen: 10.404 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.4  | 19.1  | 28.7  |







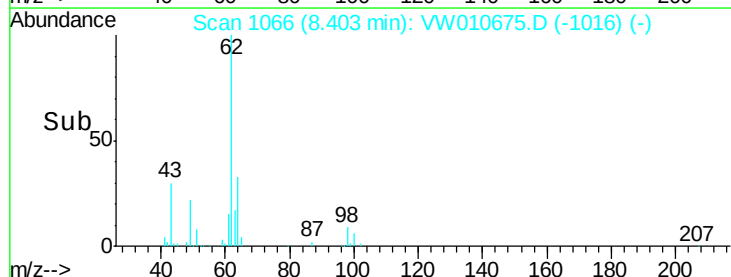
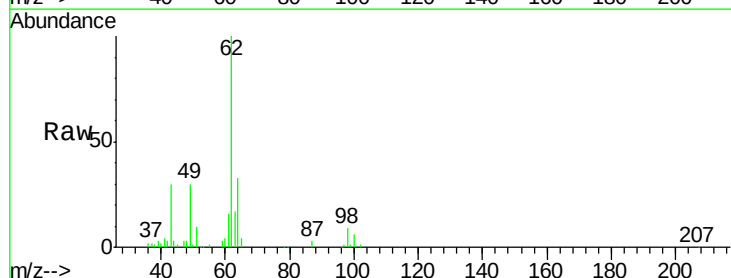
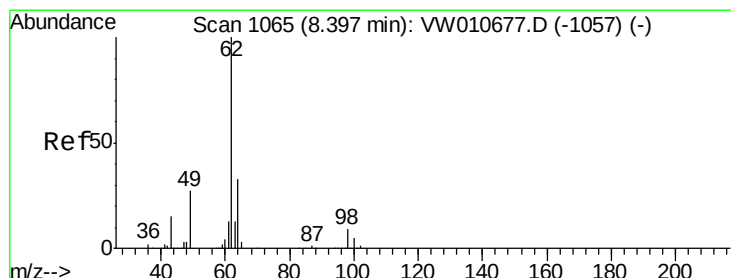
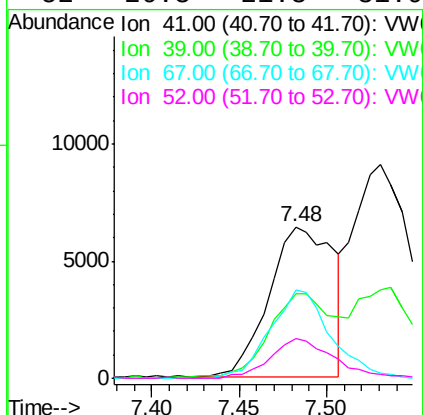
#41  
Methacrylonitrile  
Concen: 10.676 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tot Ion | 41    | Resp  | 16356 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 61.2  | 47.3  | 70.9  |
| 67      | 55.9  | 47.2  | 70.8  |
| 52      | 26.3  | 21.3  | 31.9  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

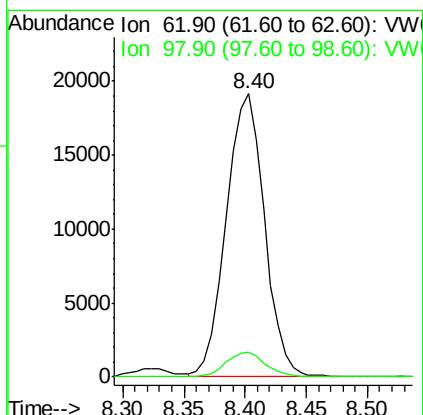
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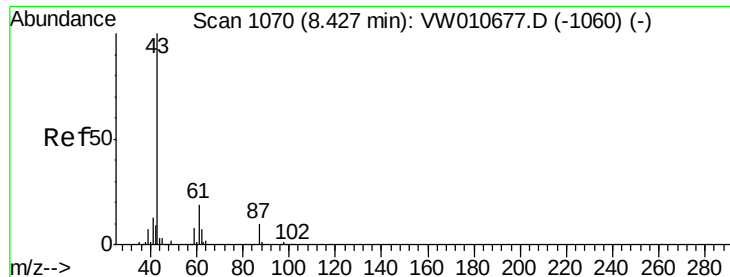
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#42  
1,2-Dichloroethane  
Concen: 10.321 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.01 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | 62    | Resp  | 41564 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 8.8   | 0.0   | 17.2  |





#43

Isopropyl Acetate

Concen: 10.162 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

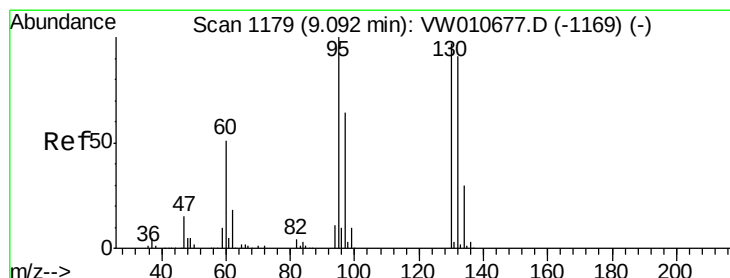
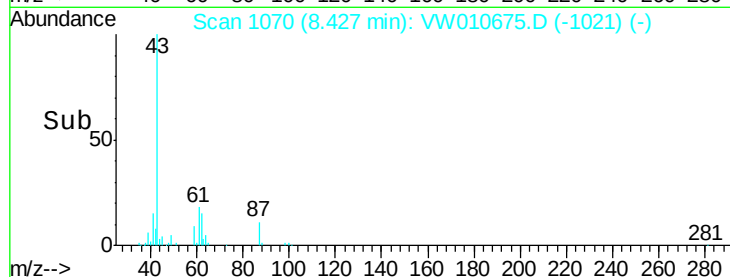
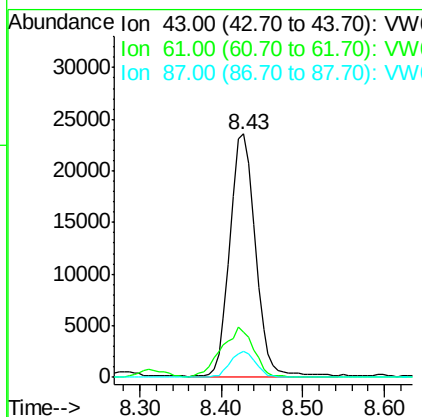
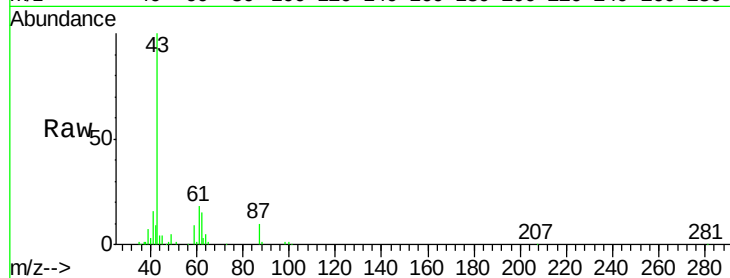
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 50599 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 26.4  | 21.2  | 31.8  |
| 87       | 10.4  | 8.3   | 12.5  |

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#44

Trichloroethene

Concen: 10.527 ug/l

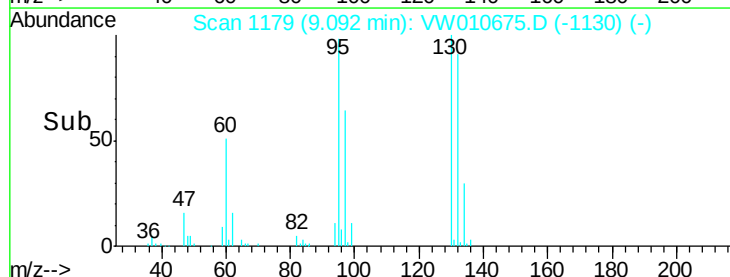
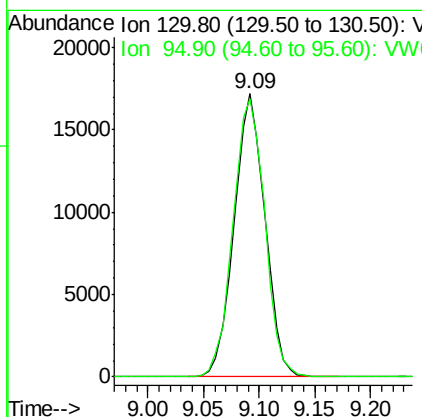
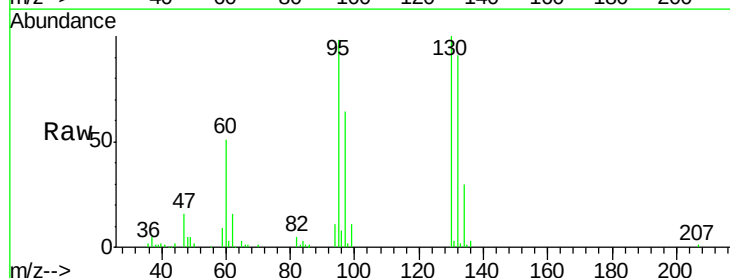
RT: 9.09 min Scan# 1179

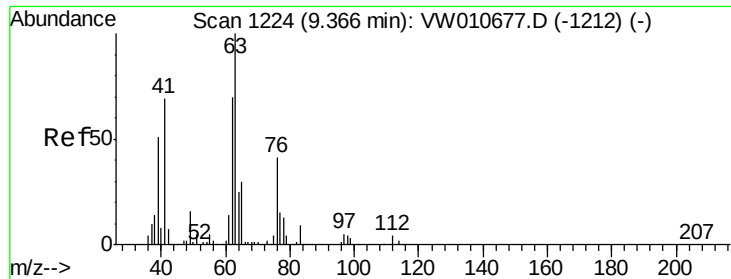
Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 32950 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 98.1  | 0.0   | 207.0 |





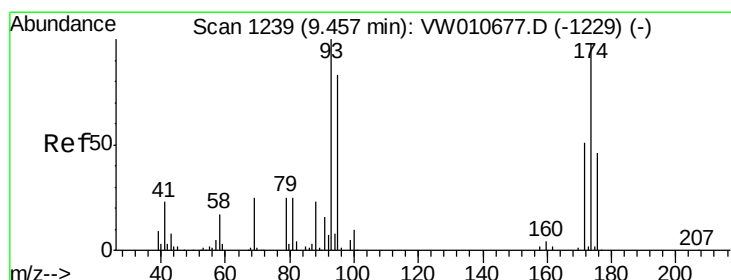
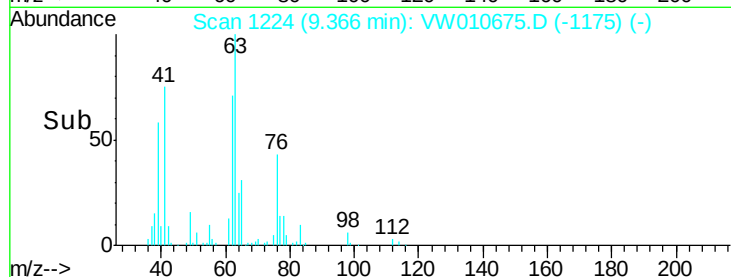
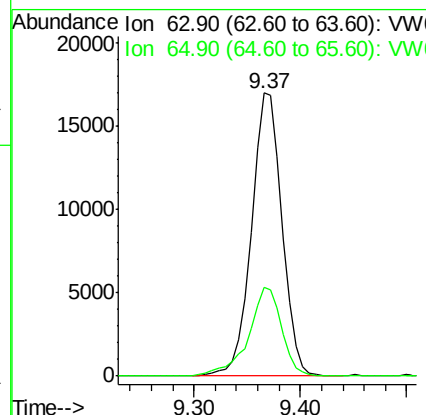
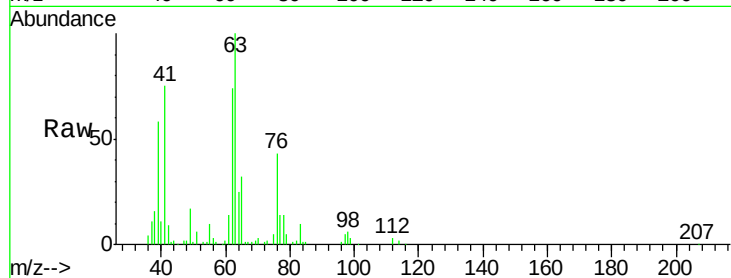
#45  
 1,2-Dichloropropane  
 Concen: 10.203 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Tot Ion: 63 Resp: 34272  
 Ion Ratio Lower Upper  
 63 100  
 65 31.5 23.8 35.6

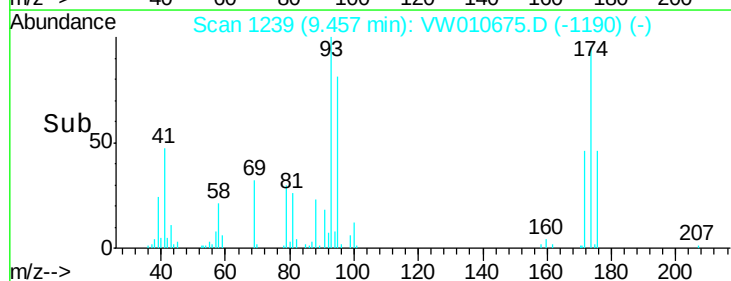
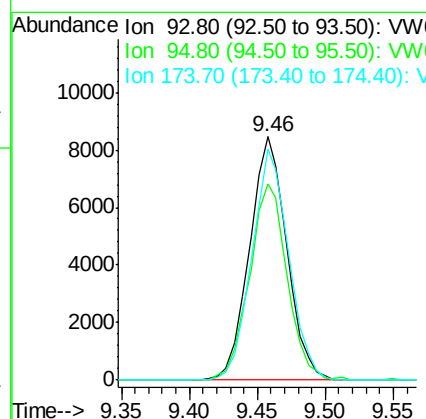
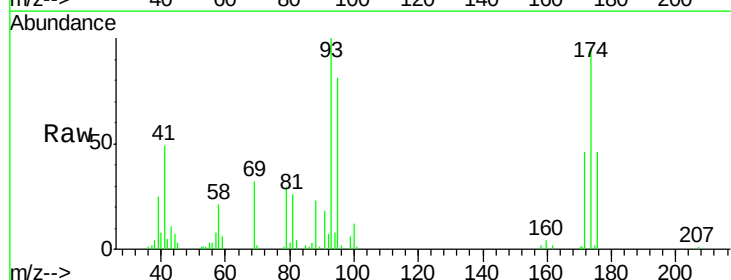
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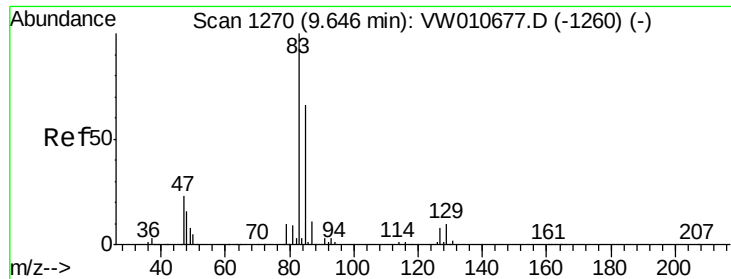
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#46  
 Dibromomethane  
 Concen: 10.401 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Tgt Ion: 93 Resp: 16227  
 Ion Ratio Lower Upper  
 93 100  
 95 81.6 65.8 98.8  
 174 93.5 77.4 116.0





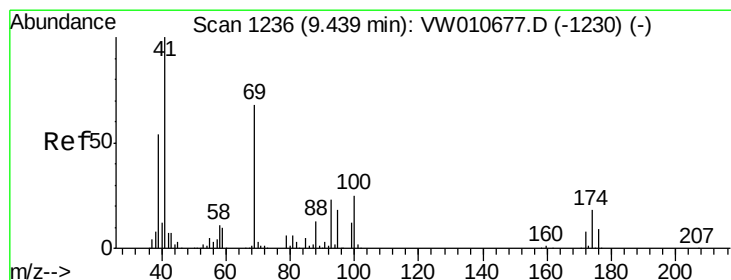
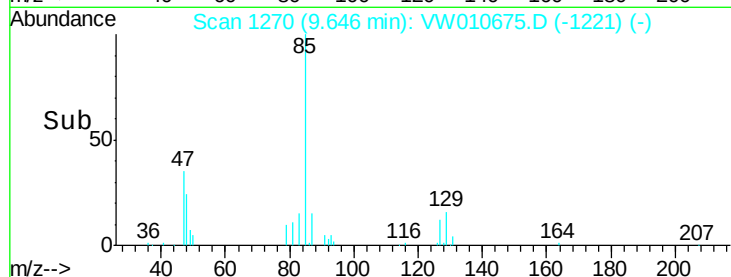
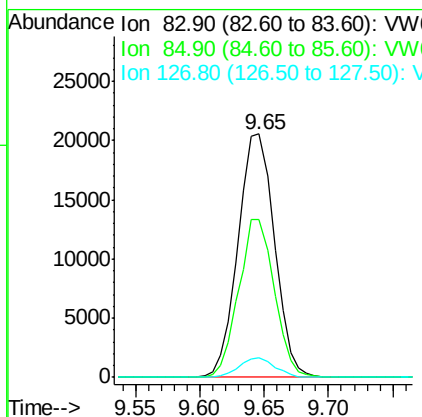
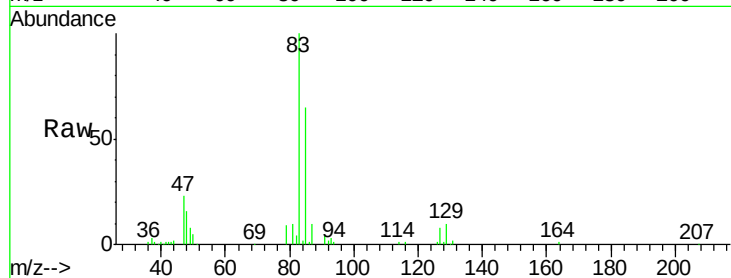
#47  
Bromodichloromethane  
Concen: 9.991 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 40405 |       |       |
| 85      | 65.0  | 53.0  | 79.4  |       |
| 127     | 7.8   | 6.4   | 9.6   |       |

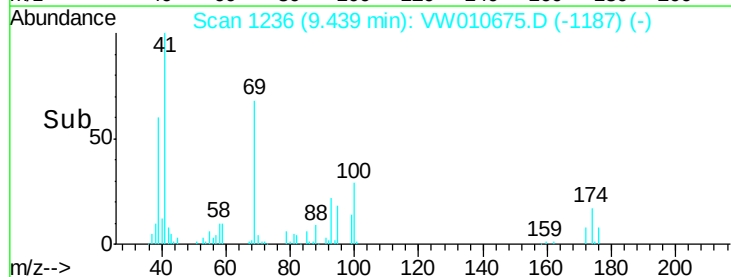
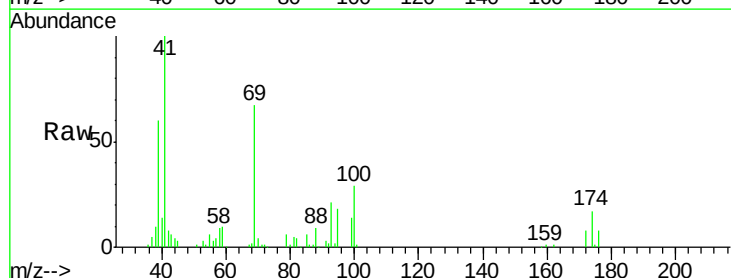
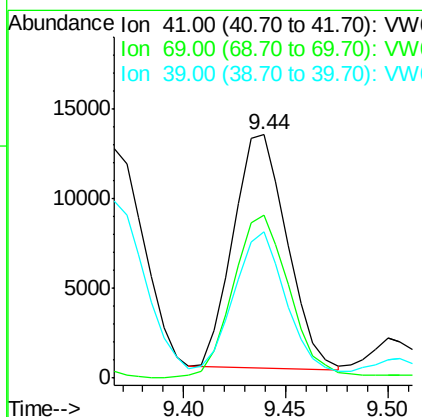
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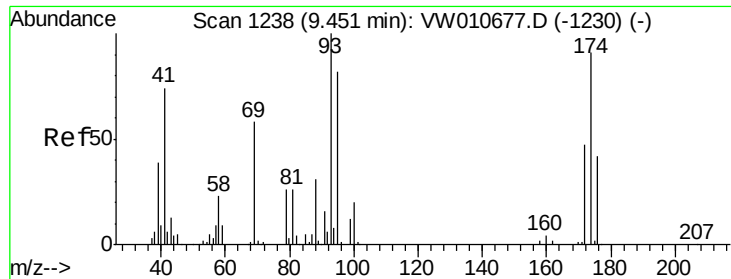
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#48  
Methyl methacrylate  
Concen: 9.939 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 23861 |       |       |
| 69      | 74.6  | 56.6  | 85.0  |       |
| 39      | 62.5  | 44.4  | 66.6  |       |





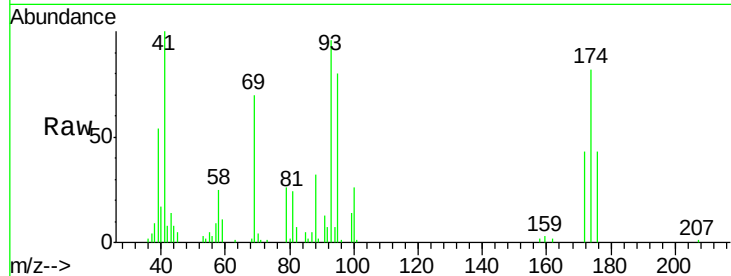
#49  
1,4-Dioxane  
Concen: 190.681 ug/l  
RT: 9.45 min Scan# 1238  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 43.7  | 34.2  | 51.4  |
| 58      | 86.1  | 69.0  | 103.4 |

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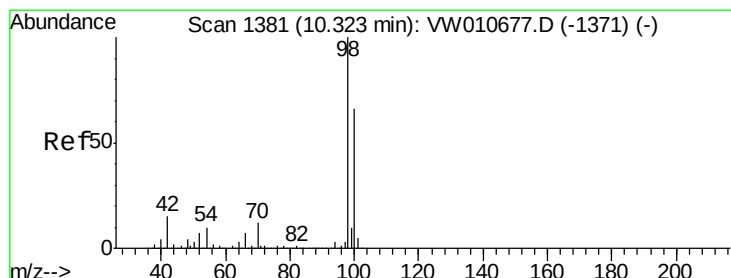
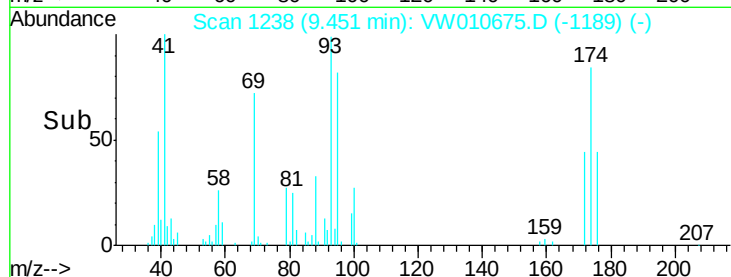
Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

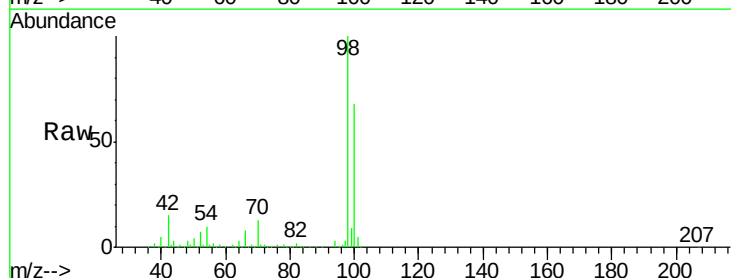
Ion 58.00 (57.70 to 58.70): VW

Time-->



#50  
Toluene-d8  
Concen: 9.136 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.9  | 53.0  | 79.6  |

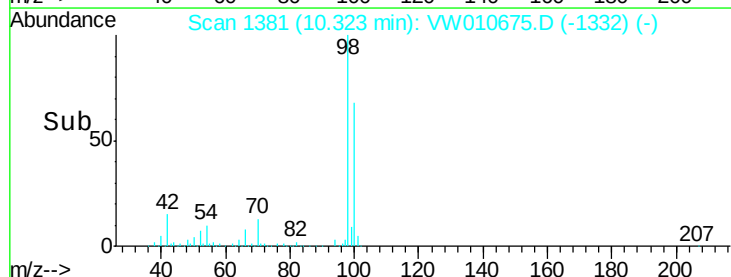


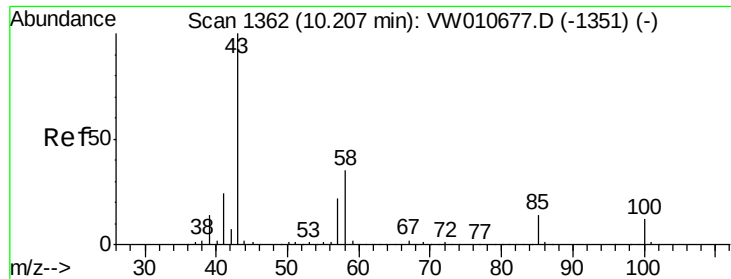
Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

Time-->





#51

4-Methyl-2-Pentanone

Concen: 51.589 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 131233

Ion Ratio Lower Upper

43 100

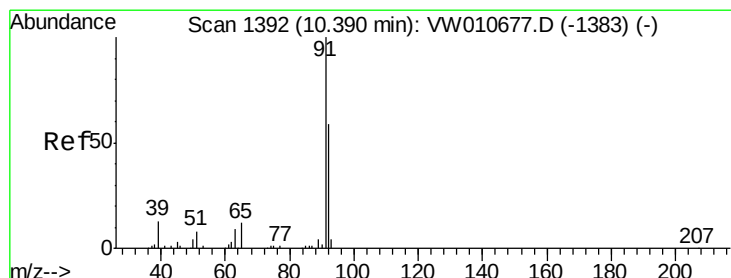
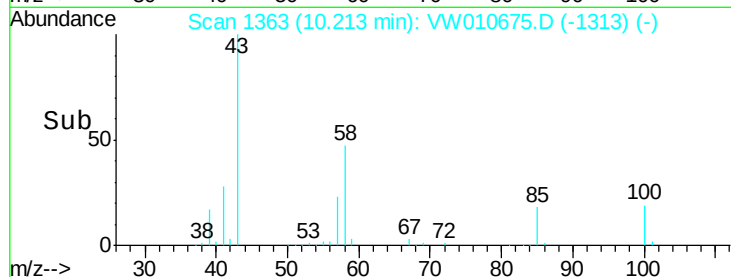
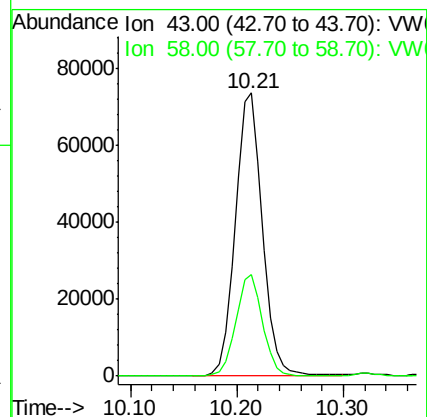
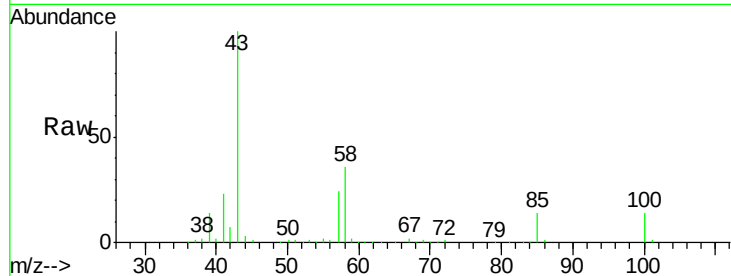
58 35.2 28.4 42.6

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#52

Toluene

Concen: 10.328 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010675.D

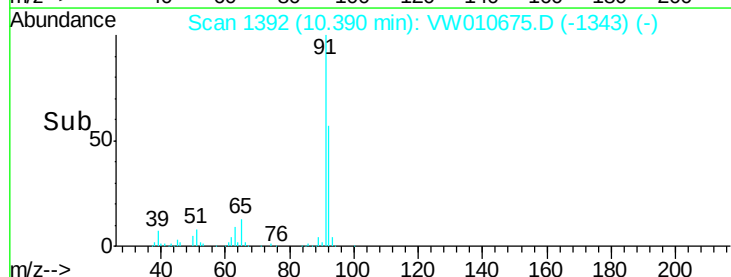
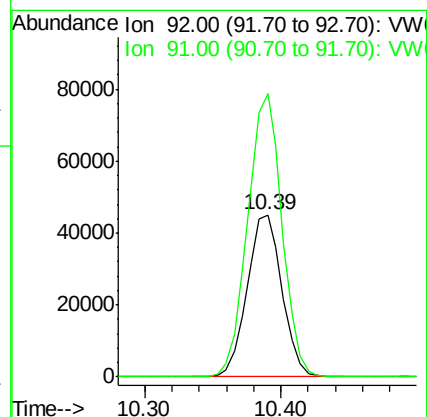
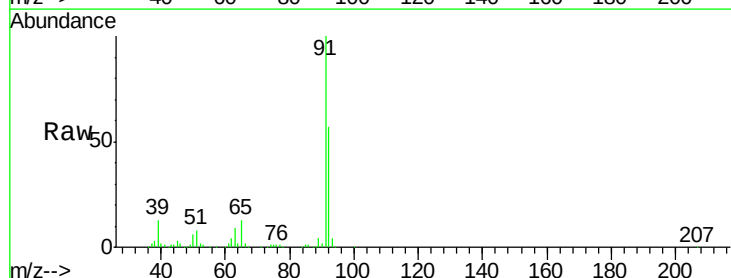
Acq: 04 Jun 2019 14:48

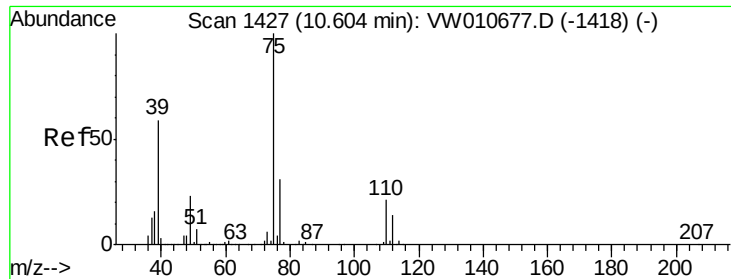
Tgt Ion: 92 Resp: 80628

Ion Ratio Lower Upper

92 100

91 172.4 134.9 202.3





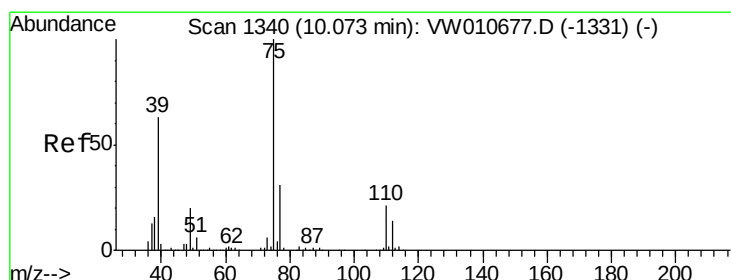
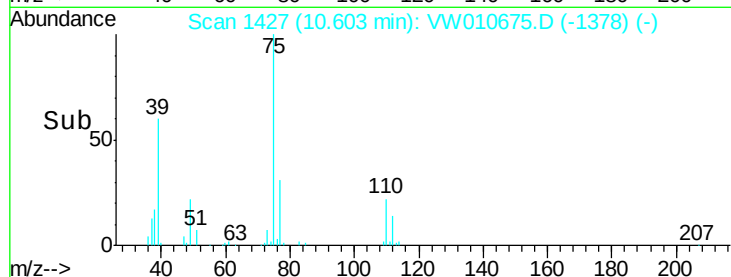
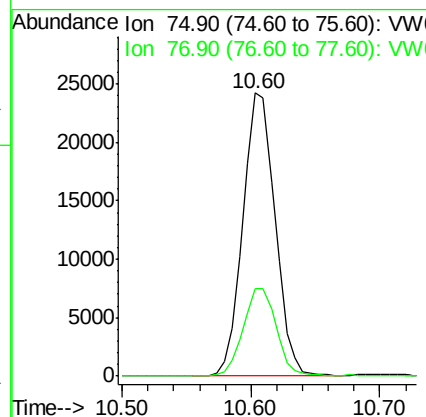
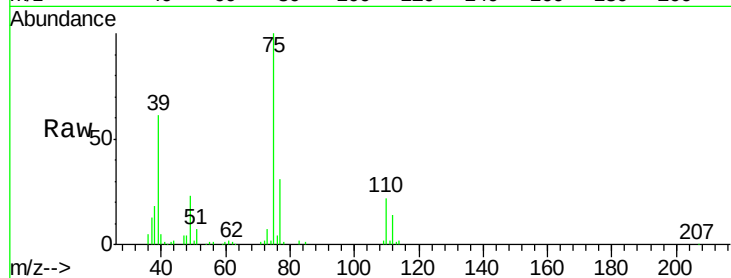
#53  
t-1,3-Dichloropropene  
Concen: 9.808 ug/l  
RT: 10.60 min Scan# 1427  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

Tot Ion: 75 Resp: 42013  
Ion Ratio Lower Upper  
75 100  
77 30.6 24.6 36.8

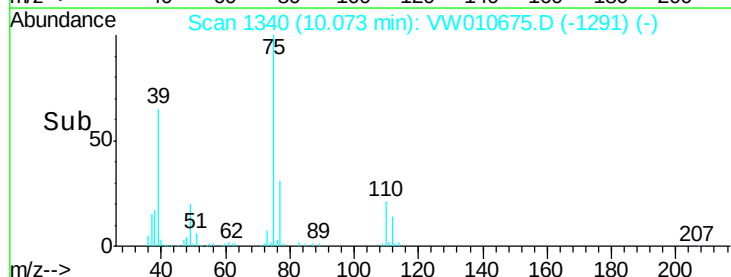
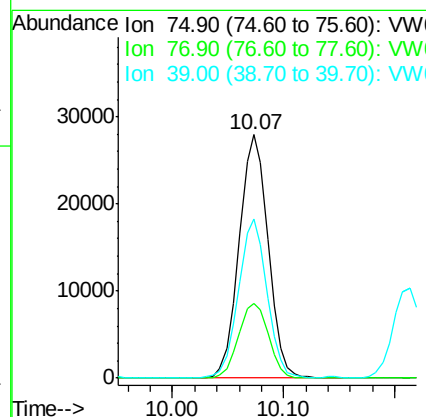
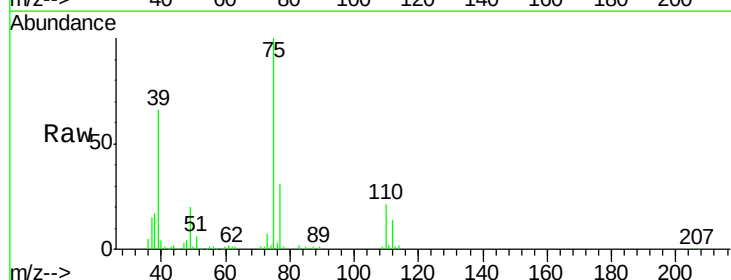
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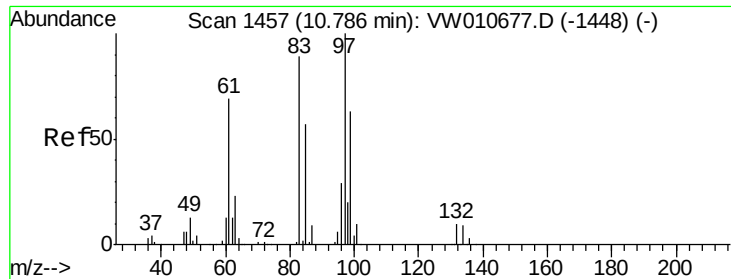
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#54  
cis-1,3-Dichloropropene  
Concen: 9.968 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Tgt Ion: 75 Resp: 50242  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.2 37.8  
39 65.4 50.1 75.1





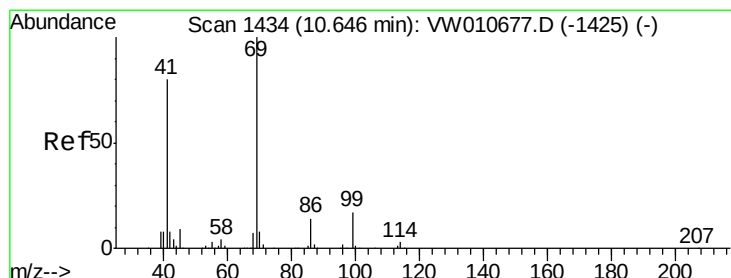
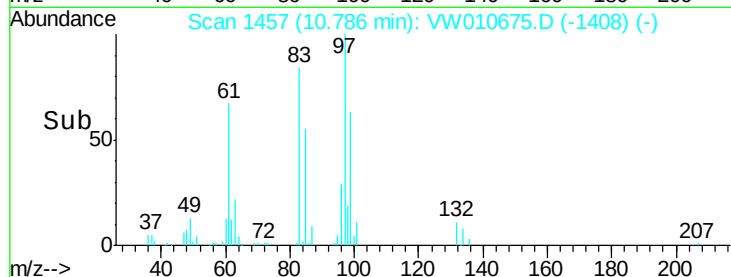
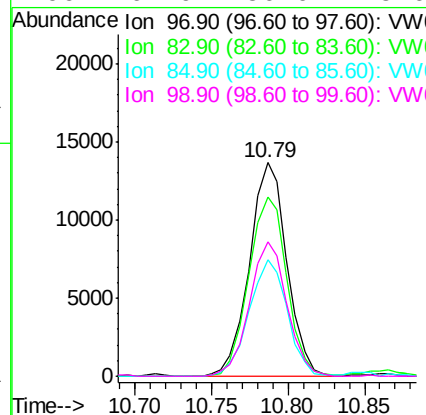
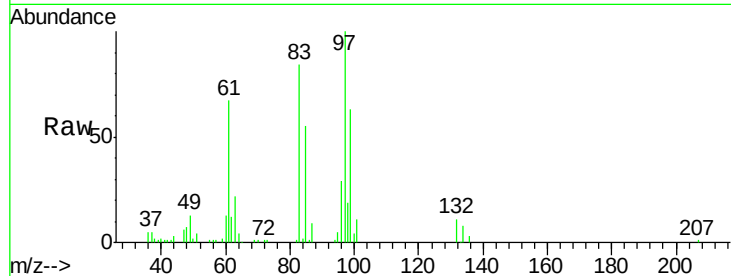
#55  
 1,1,2-Trichloroethane  
 Concen: 10.337 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 23232 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.8  | 71.1  | 106.7 |
| 85       | 54.8  | 45.2  | 67.8  |
| 99       | 62.9  | 50.0  | 75.0  |

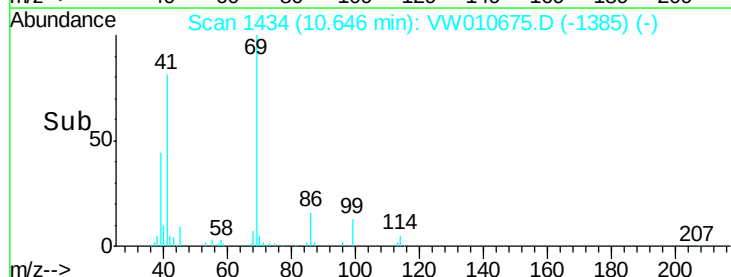
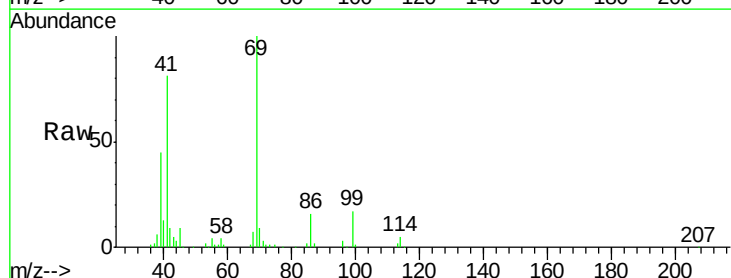
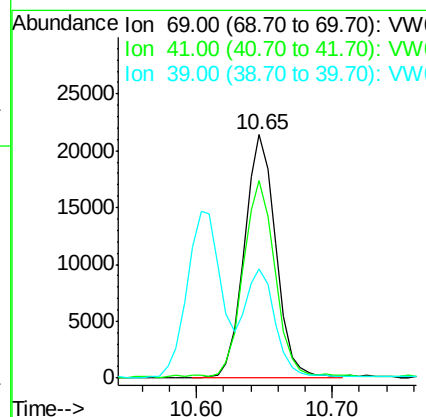
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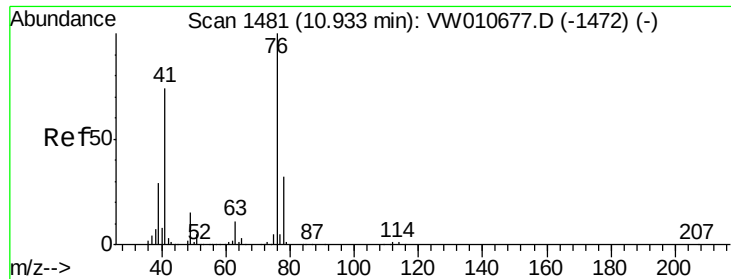


#56  
 Ethyl methacrylate  
 Concen: 10.025 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 34671 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 81.0  | 64.8  | 97.2  |
| 39       | 42.4  | 32.2  | 48.2  |







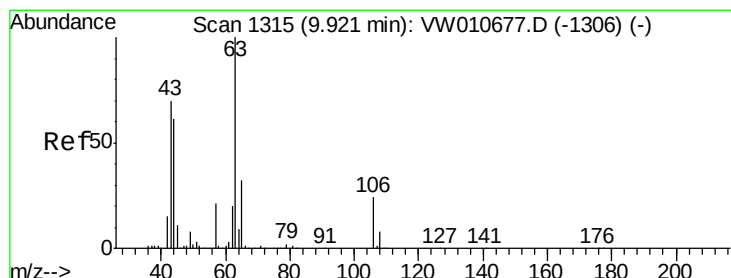
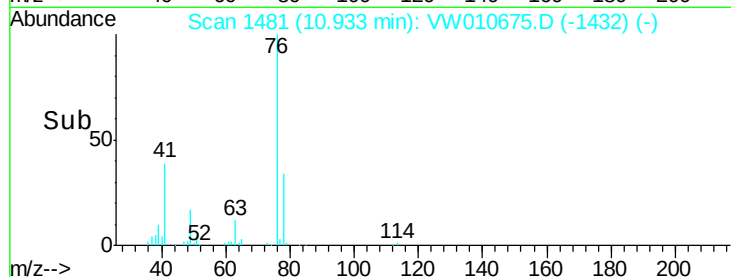
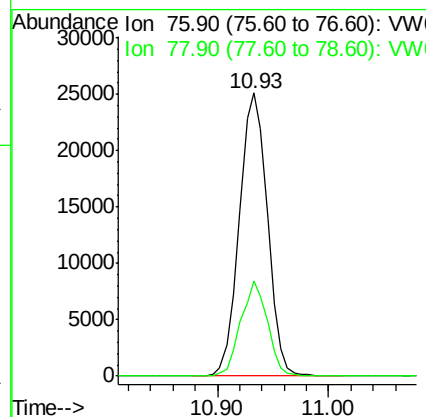
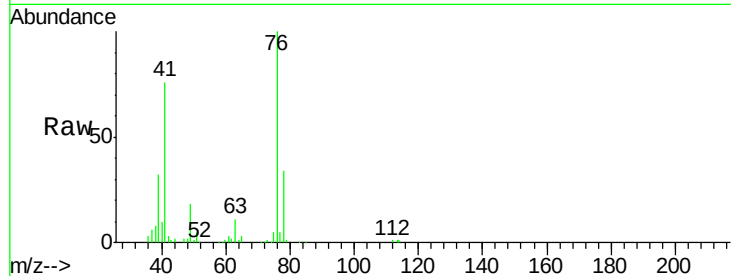
#57  
 1,3-Dichloropropane  
 Concen: 10.333 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Tot Ion: 76 Resp: 43765  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 25.7 38.5

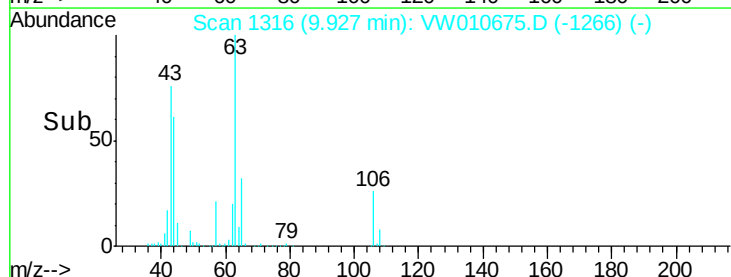
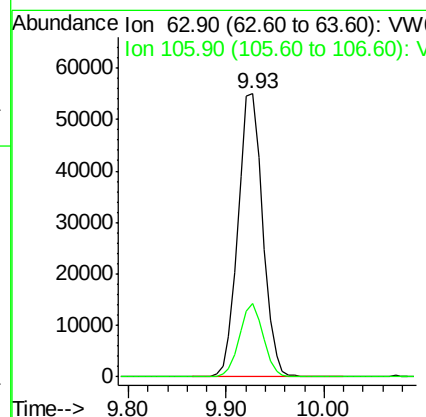
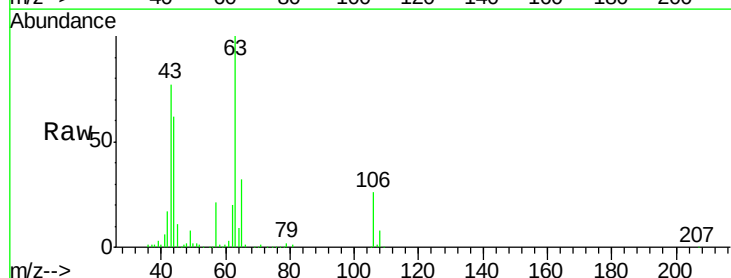
Manual Integrations  
 APPROVED

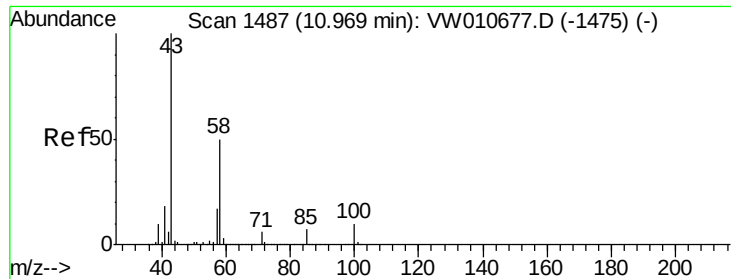
MMDadoda  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 53.460 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.01 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Tgt Ion: 63 Resp: 96836  
 Ion Ratio Lower Upper  
 63 100  
 106 25.0 20.1 30.1





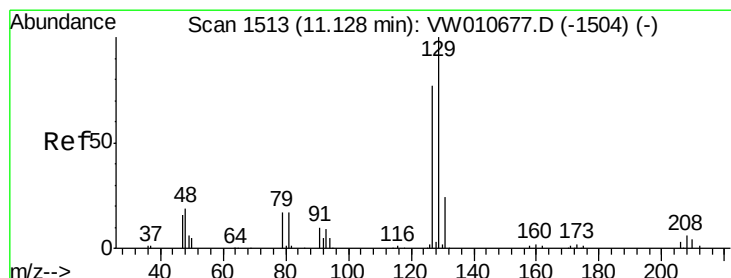
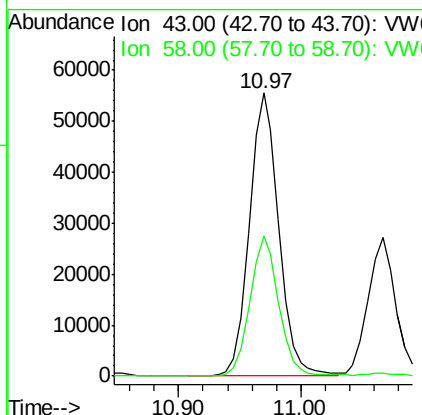
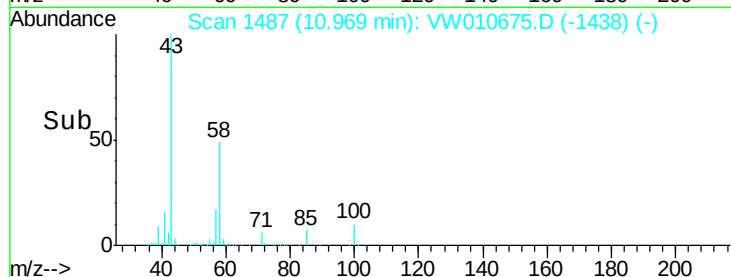
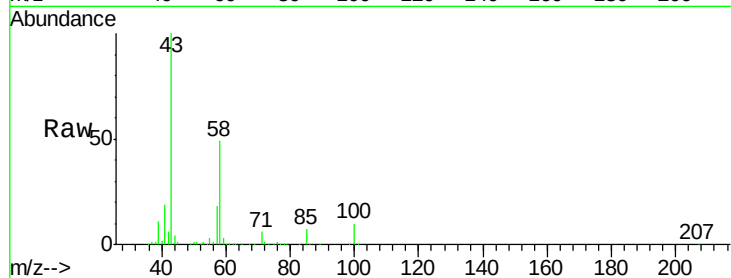
#59  
2-Hexanone  
Concen: 50.349 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion: 43 Resp: 92565  
Ion Ratio Lower Upper  
43 100  
58 48.8 24.9 74.6

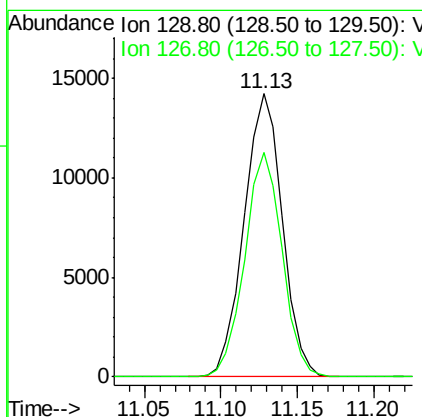
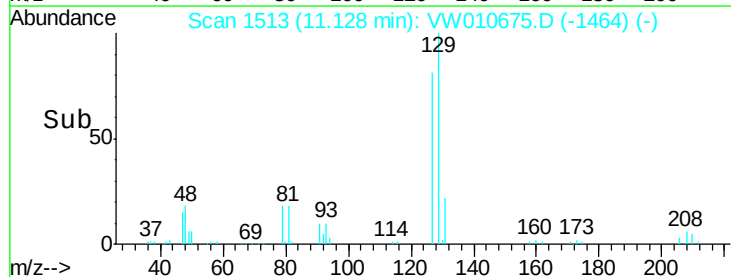
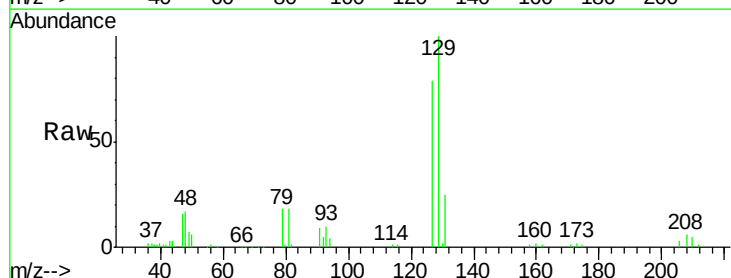
Manual Integrations  
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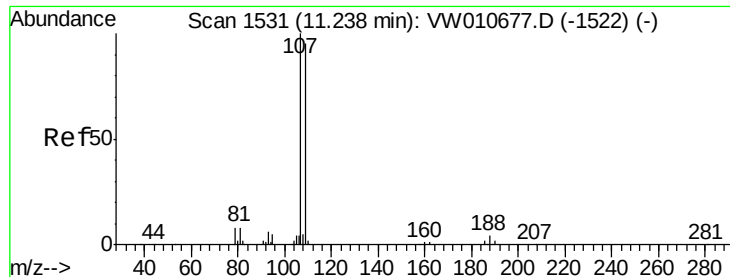
MMDadoda  
6/5/2019 3:04:54 PM



#60  
Dibromochloromethane  
Concen: 9.943 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Tgt Ion: 129 Resp: 24772  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 10.206 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion:107 Resp: 21733

Ion Ratio Lower Upper

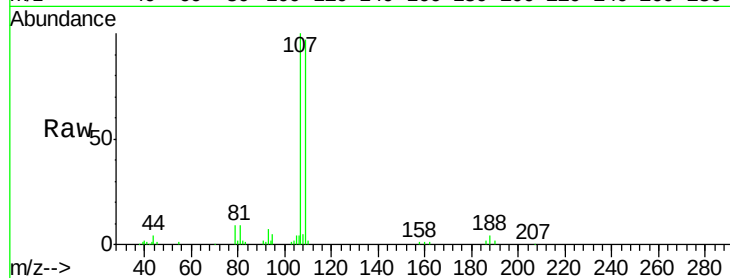
107 100

109 94.4 75.8 113.8

Manual Integrations  
APPROVED

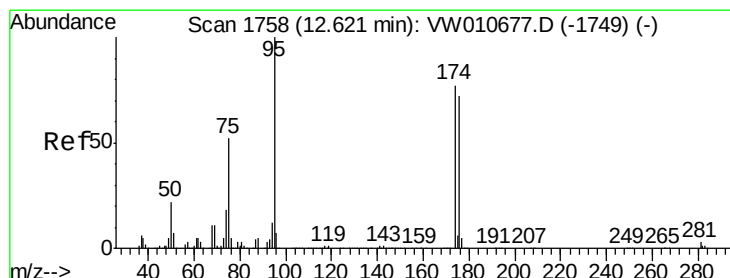
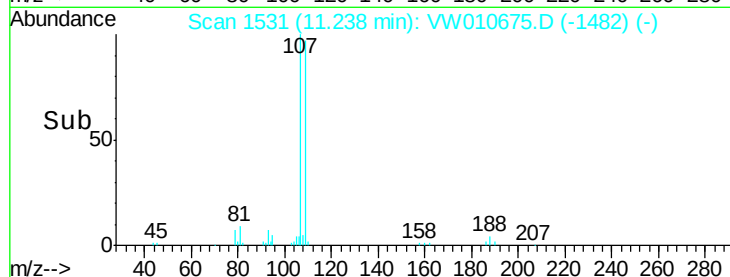
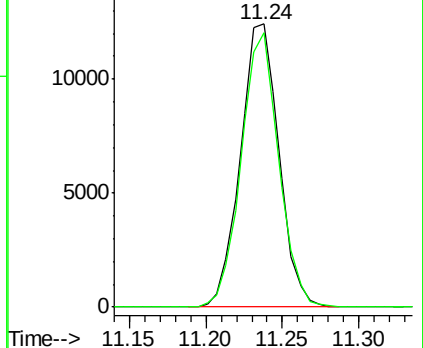
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 8.812 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

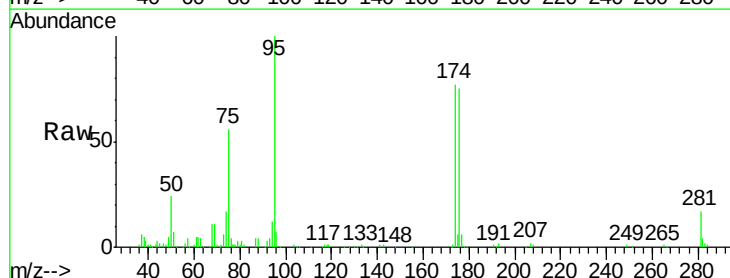
Tgt Ion: 95 Resp: 34680

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.4

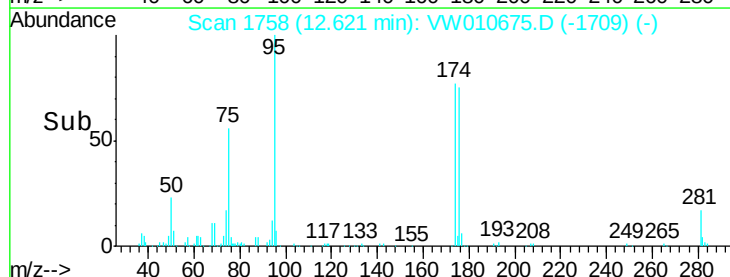
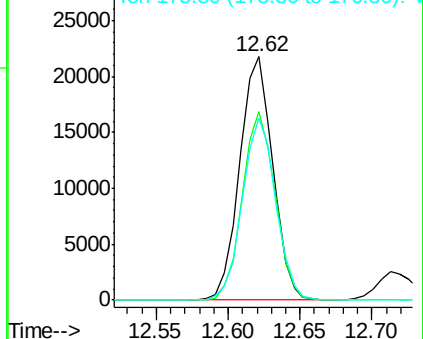
176 74.9 0.0 144.8

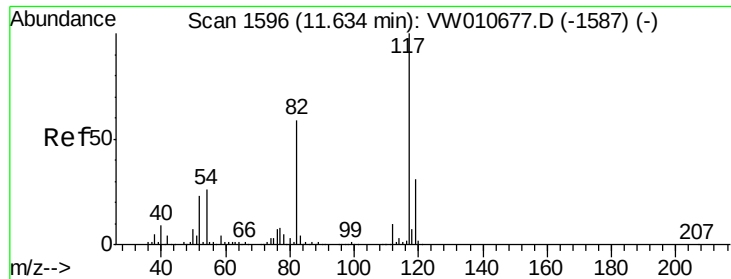


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





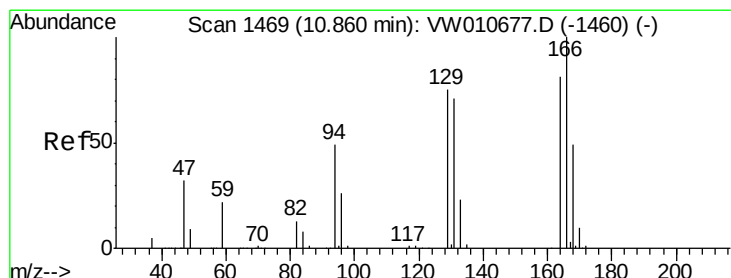
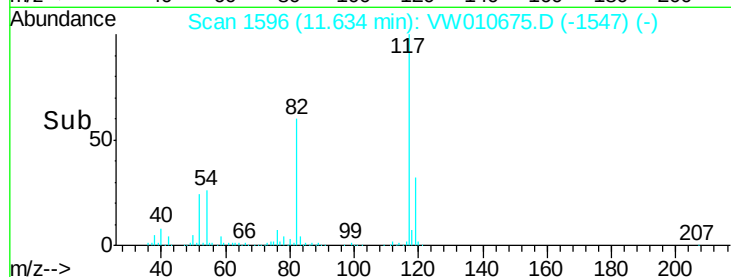
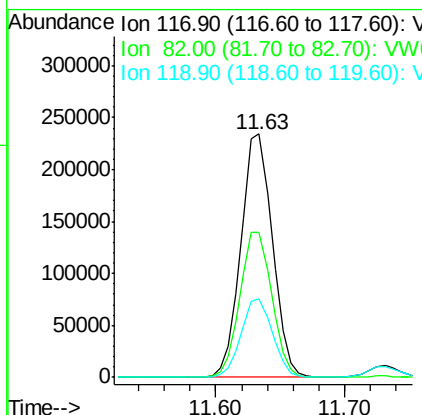
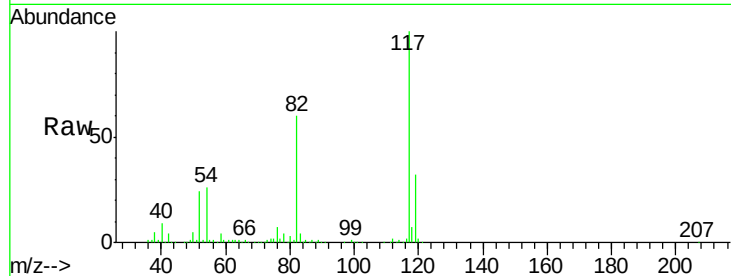
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 395874 |       |       |
| 82      | 59.6  | 47.0   | 70.4  |       |
| 119     | 32.1  | 25.1   | 37.7  |       |

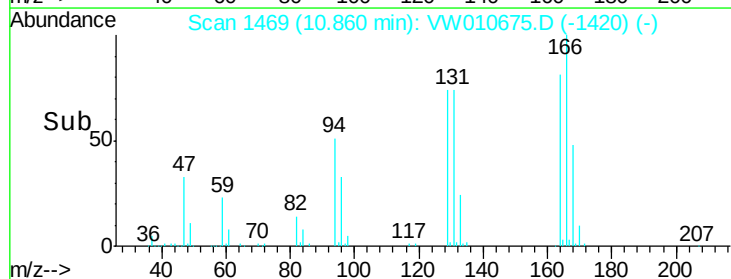
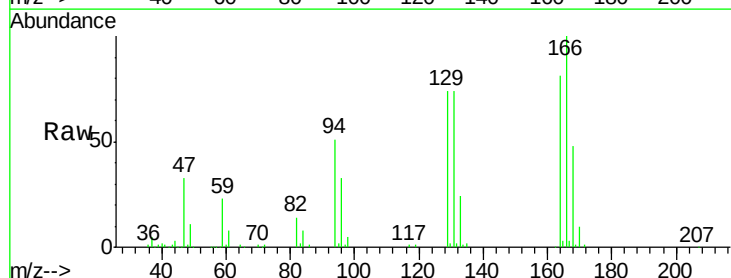
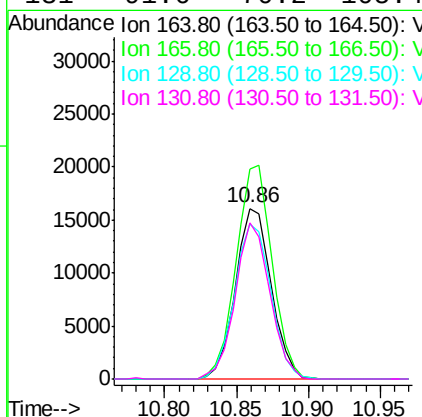
Manual Integrations  
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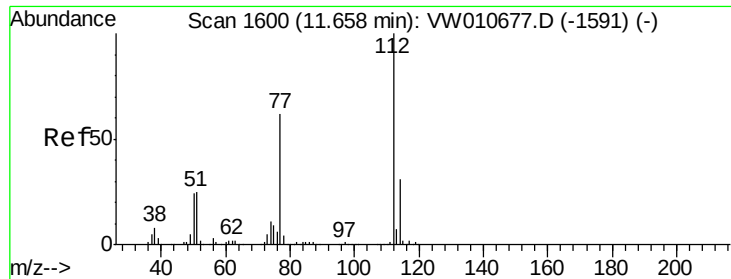
MMDadoda  
6/5/2019 3:04:54 PM



#64  
Tetrachloroethene  
Concen: 10.598 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 27856 |       |       |
| 166     | 123.5 | 99.2  | 148.8 |       |
| 129     | 91.3  | 74.6  | 112.0 |       |
| 131     | 91.6  | 70.2  | 105.4 |       |





#65

Chlorobenzene

Concen: 10.525 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 81937

Ion Ratio Lower Upper

112 100

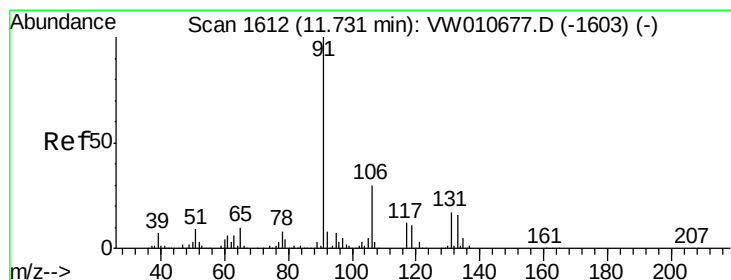
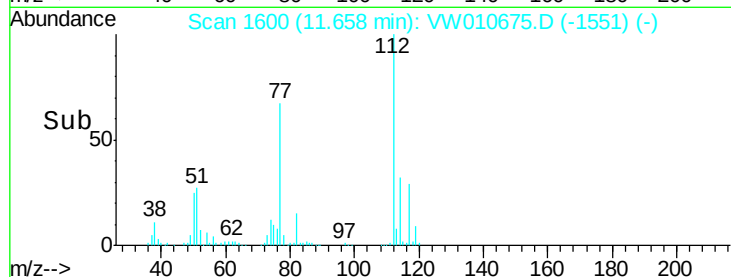
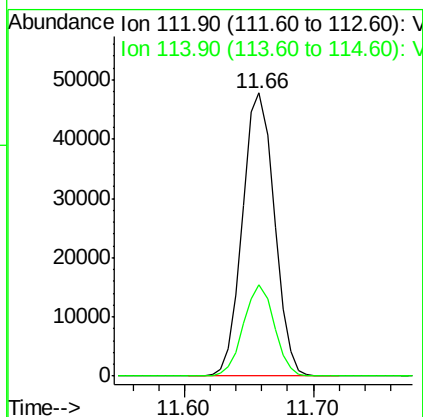
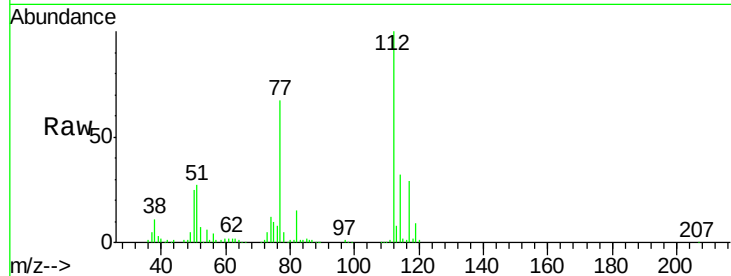
114 32.2 24.8 37.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 10.082 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

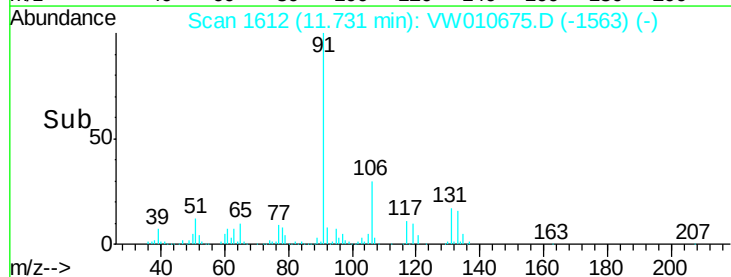
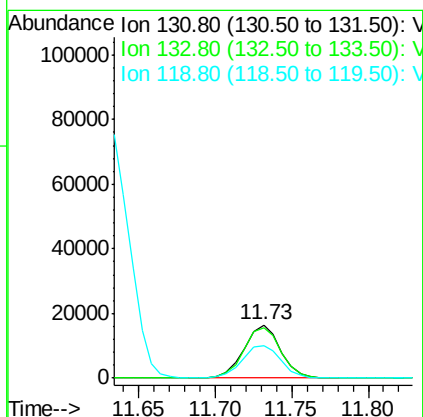
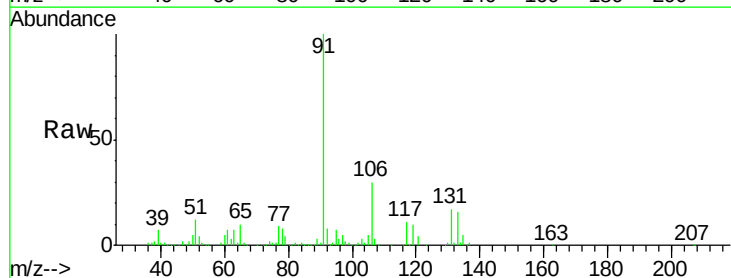
Tgt Ion:131 Resp: 27170

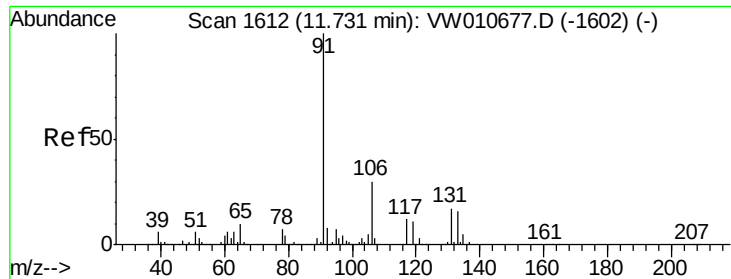
Ion Ratio Lower Upper

131 100

133 97.0 47.3 141.9

119 65.3 32.4 97.0





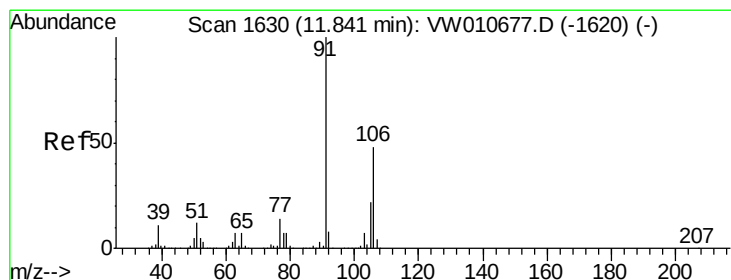
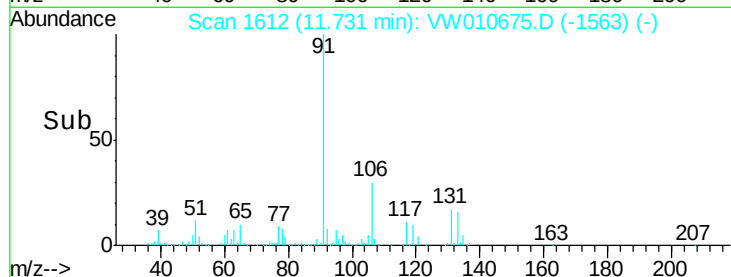
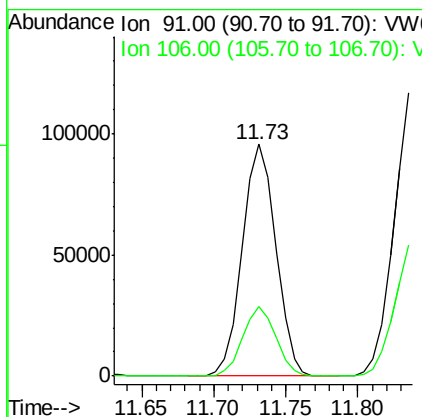
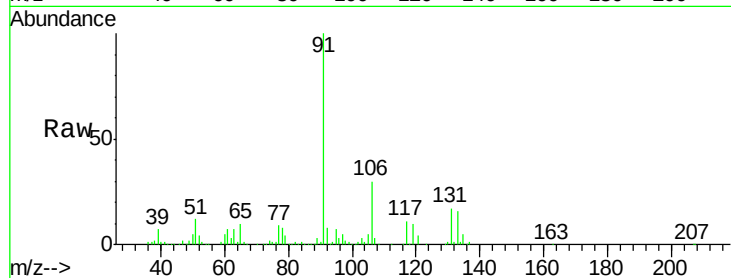
#67  
Ethyl Benzene  
Concen: 10.344 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion: 91 Resp: 154755  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.2 36.4

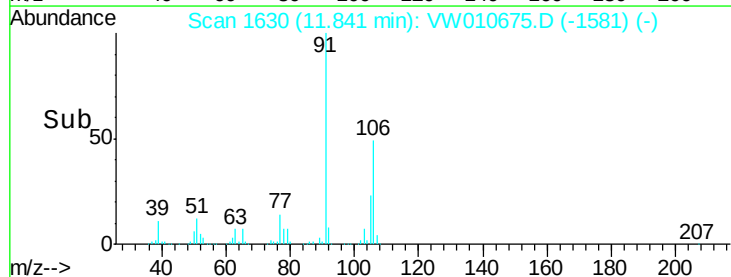
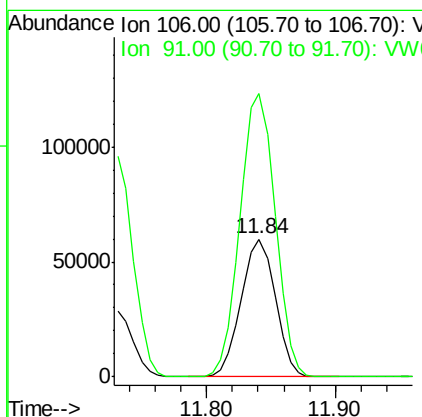
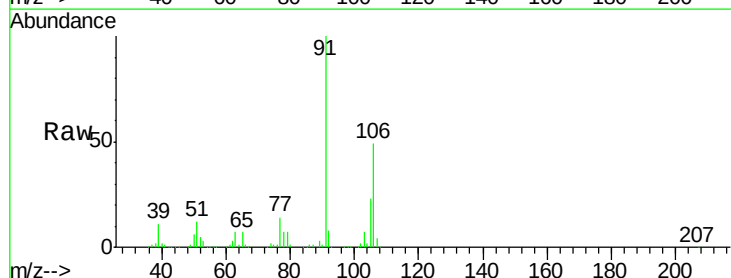
Manual Integrations  
APPROVED

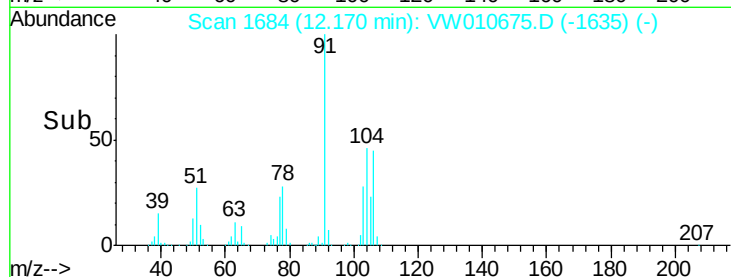
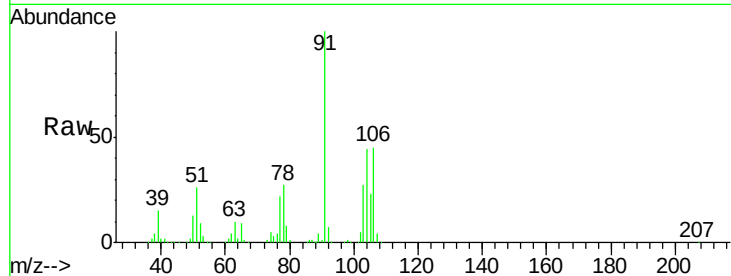
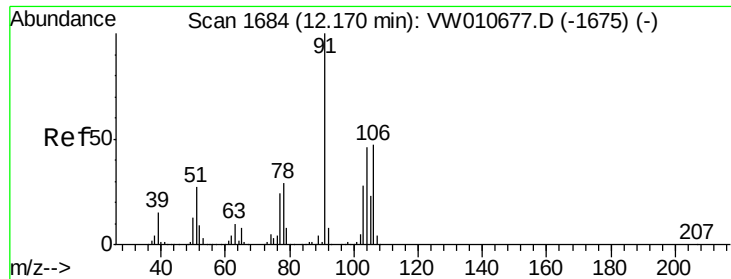
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 20.585 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Tgt Ion: 106 Resp: 110247  
Ion Ratio Lower Upper  
106 100  
91 211.5 166.5 249.7





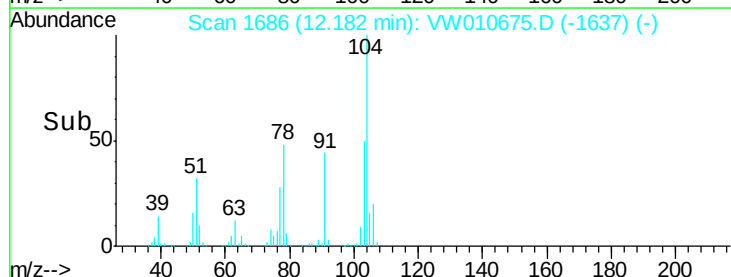
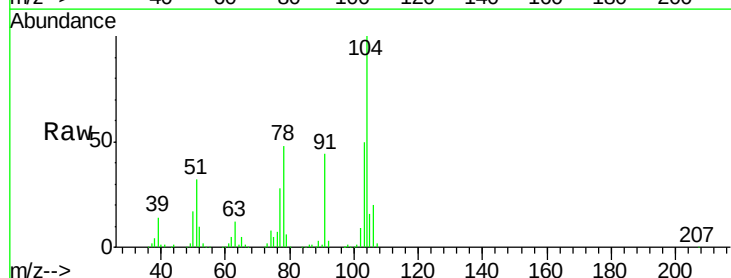
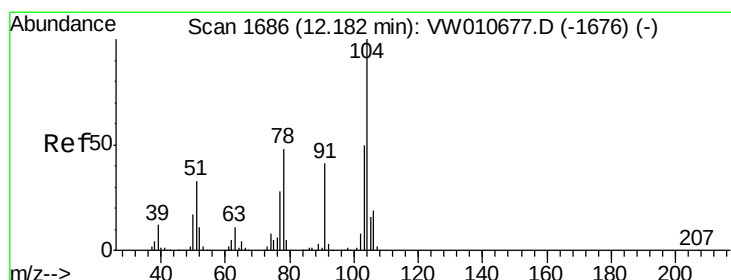
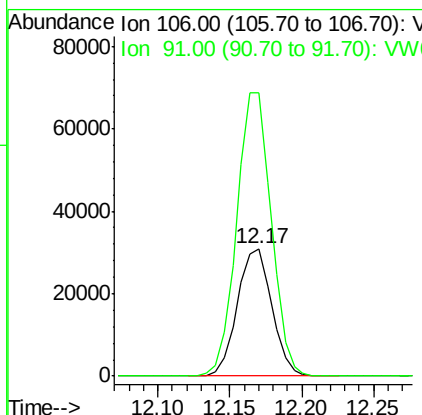
#69  
o-Xylene  
Concen: 10.132 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Tot Ion:106 Resp: 51467  
Ion Ratio Lower Upper  
106 100  
91 222.5 108.9 326.6

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

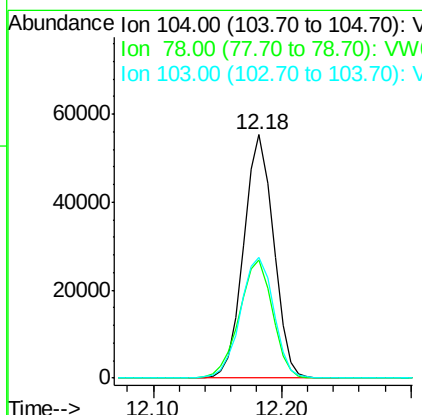
Manual Integrations  
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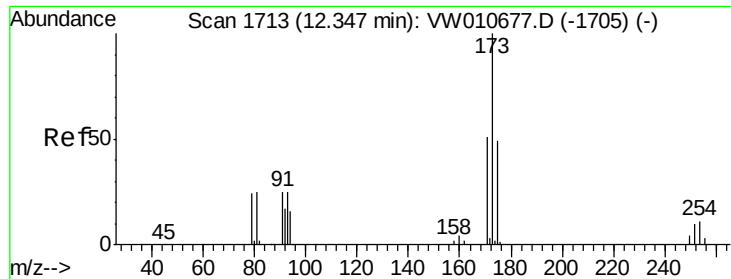
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#70  
Styrene  
Concen: 10.056 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Tgt Ion:104 Resp: 88736  
Ion Ratio Lower Upper  
104 100  
78 54.3 42.7 64.1  
103 55.4 43.6 65.4





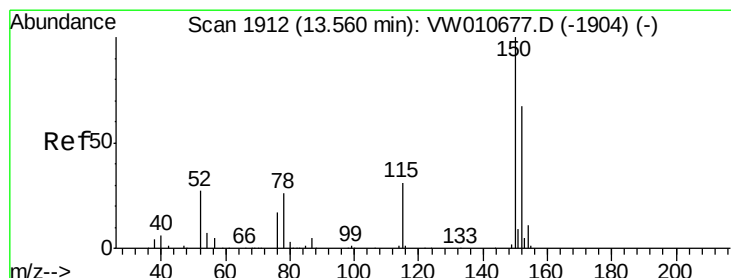
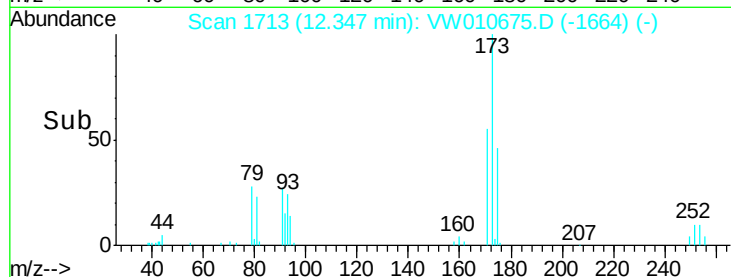
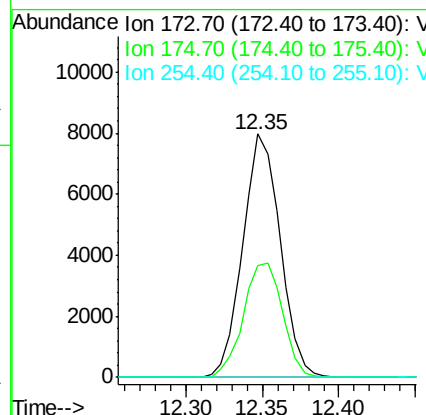
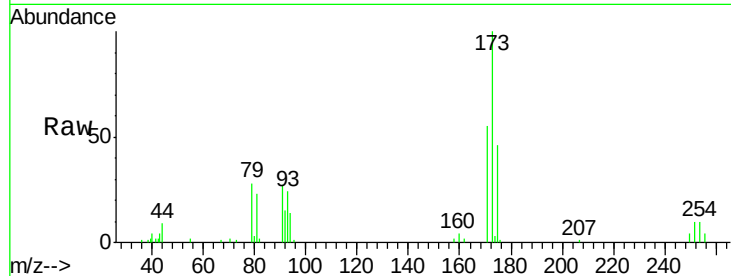
#71  
Bromoform  
Concen: 9.709 ug/l  
RT: 12.35 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.1  | 24.3  | 72.8  |
| 254     | 0.0   | 0.1   | 0.1   |

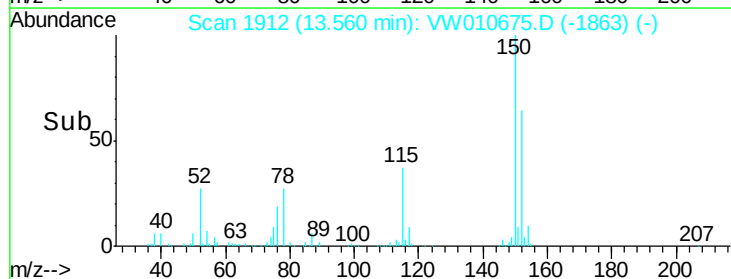
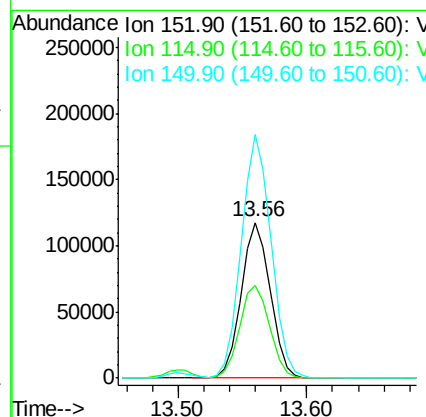
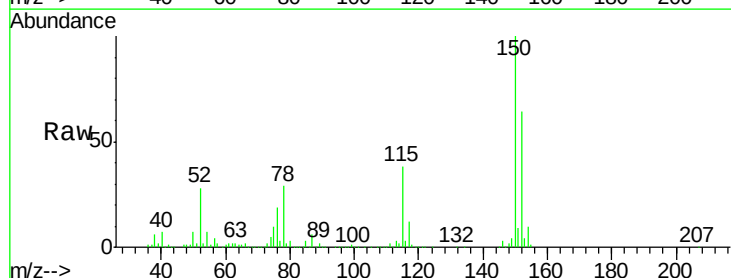
Manual Integrations  
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6/5/2019 3:04:54 PM

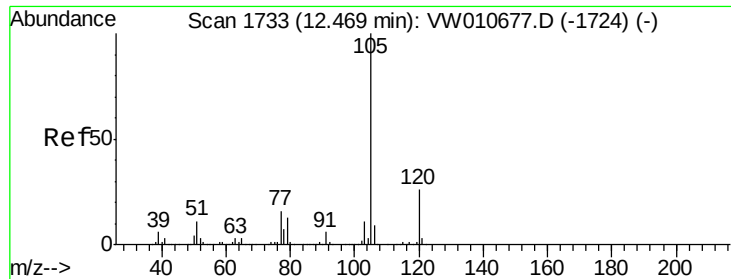


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.5  | 29.8  | 89.3  |
| 150     | 160.7 | 0.0   | 345.0 |







#73

Isopropylbenzene

Concen: 10.516 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 144833

Ion Ratio Lower Upper

105 100

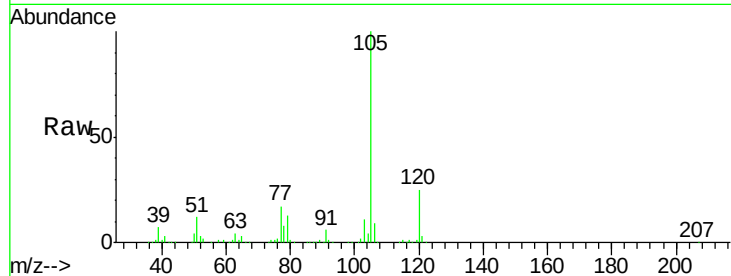
120 25.8 13.1 39.1

Manual Integrations

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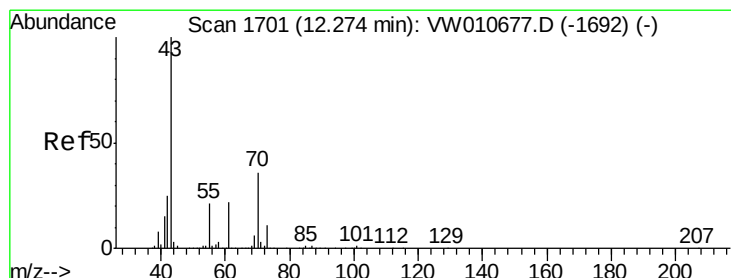
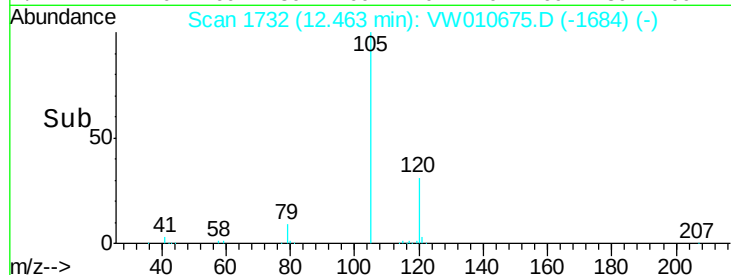
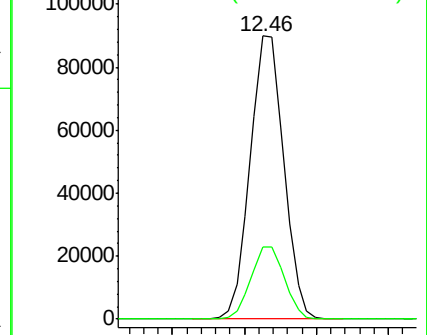
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.127 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Tgt Ion: 43 Resp: 45078

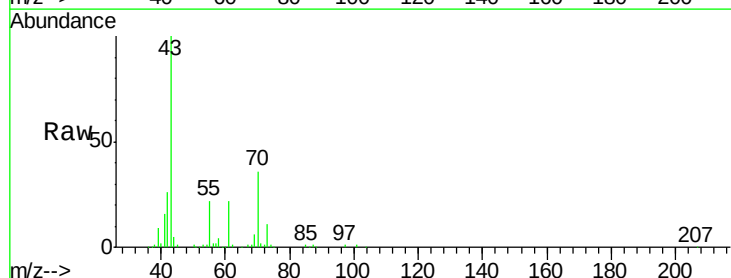
Ion Ratio Lower Upper

43 100

70 35.5 29.2 43.8

55 21.9 17.5 26.3

61 21.2 17.4 26.2

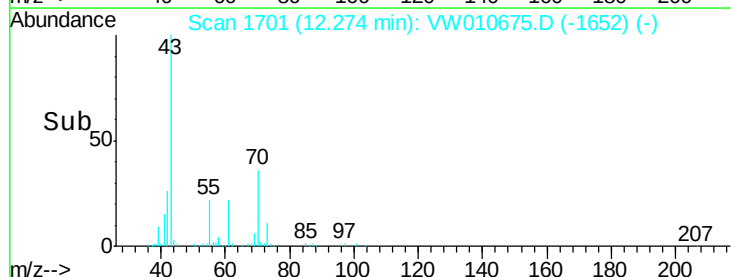
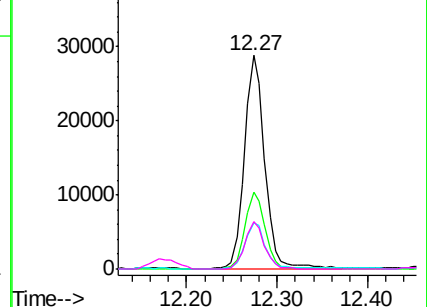


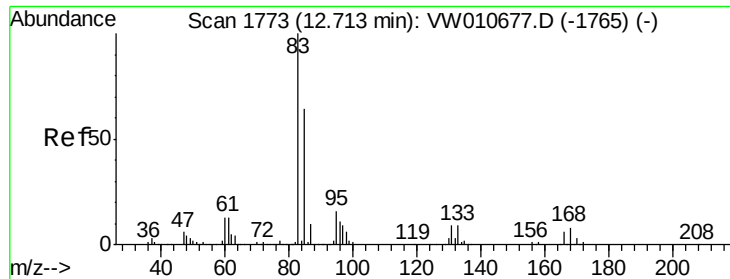
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 10.883 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

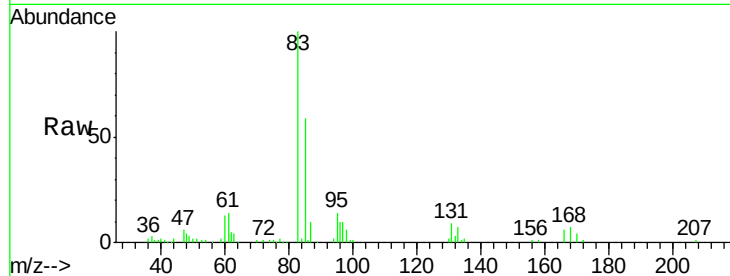
ClientSampleId :

VSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 28536 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.1  | 4.9   | 14.7  |
| 85        | 61.6  | 31.9  | 95.9  |

Manual Integrations  
APPROVED

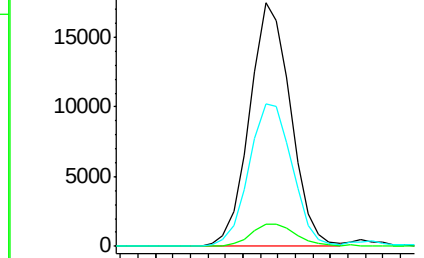
MMDadoda  
6/5/2019 3:04:54 PM



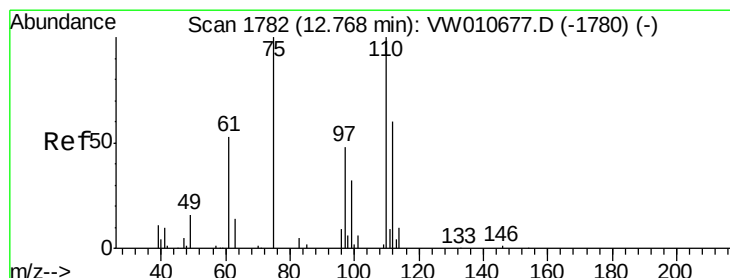
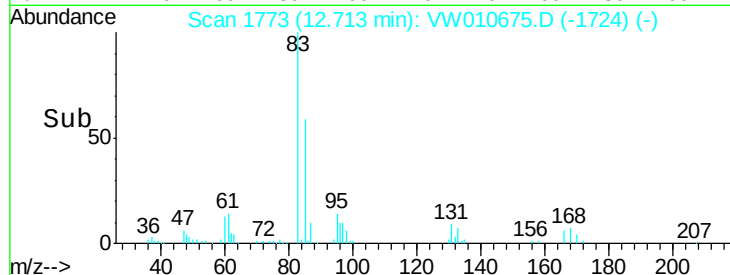
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



Time-->



#76

1,2,3-Trichloropropane

Concen: 7.858 ug/l m

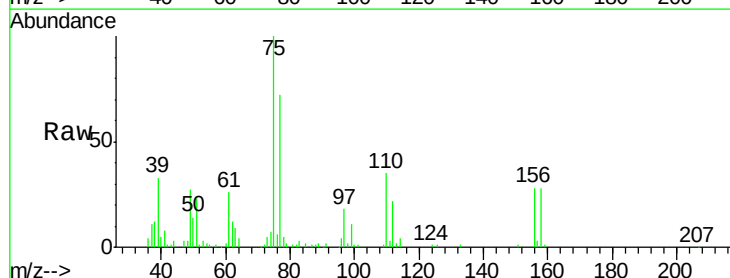
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010675.D

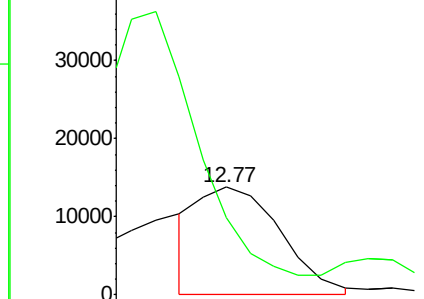
Acq: 04 Jun 2019 14:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 20631 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 329.0 | 0.0   | 0.0#  |

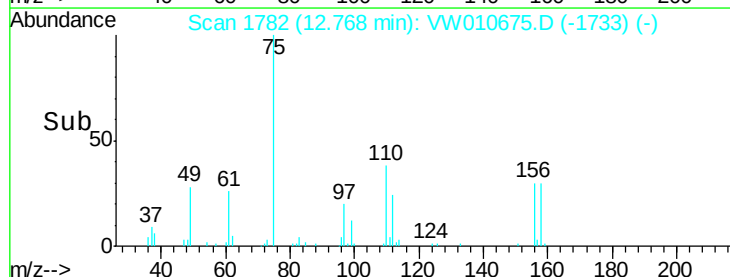


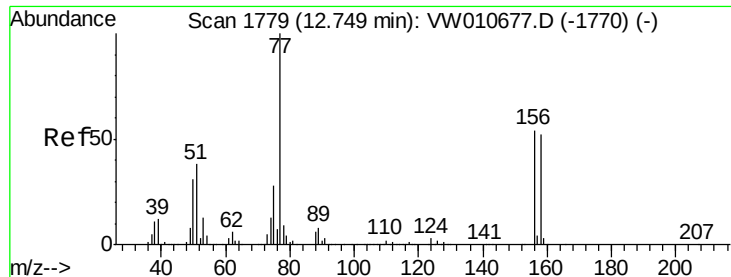
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->





#77

Bromobenzene

Concen: 10.444 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

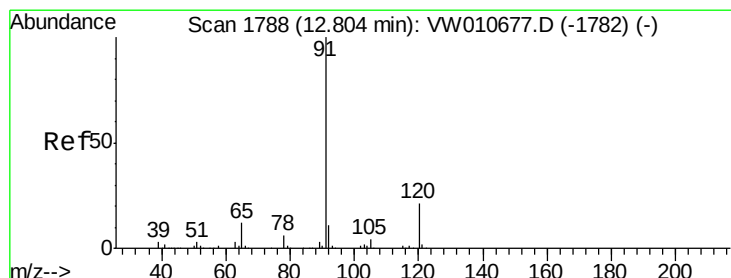
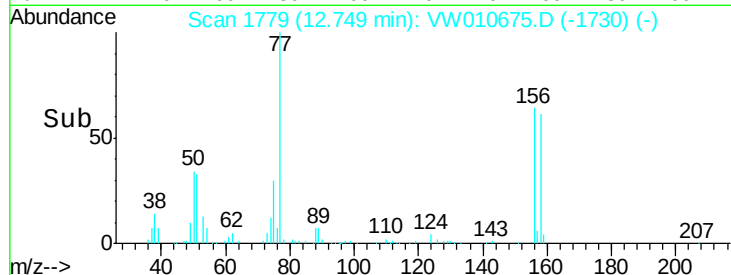
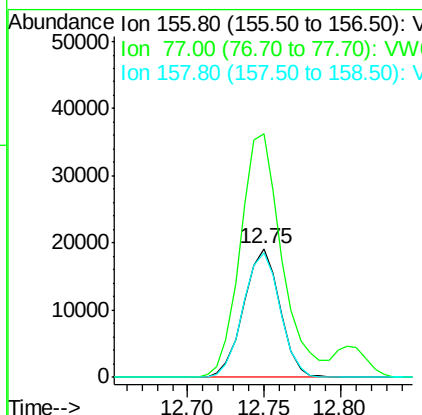
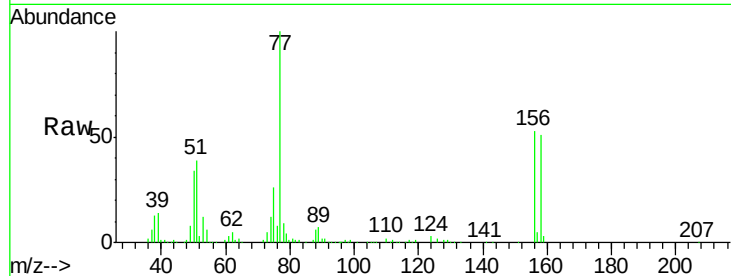
ClientSampleId :

VSTDIC010

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 216.2 | 106.5 | 319.4 |       |
| 158     | 99.0  | 48.3  | 144.9 |       |

Manual Integrations  
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#78

n-propylbenzene

Concen: 10.622 ug/l

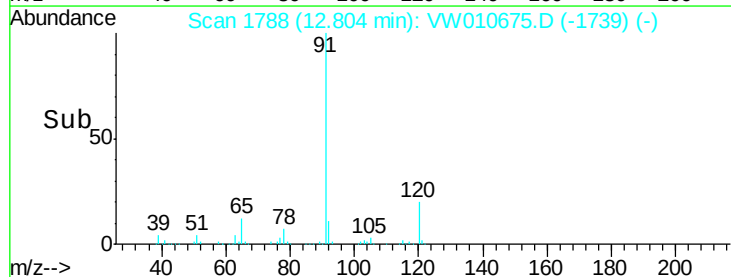
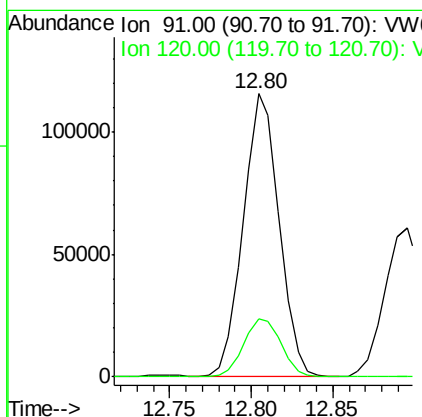
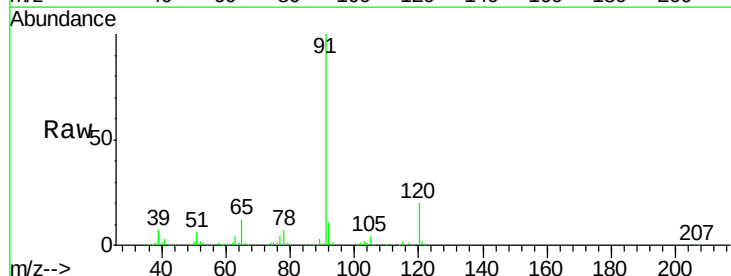
RT: 12.80 min Scan# 1788

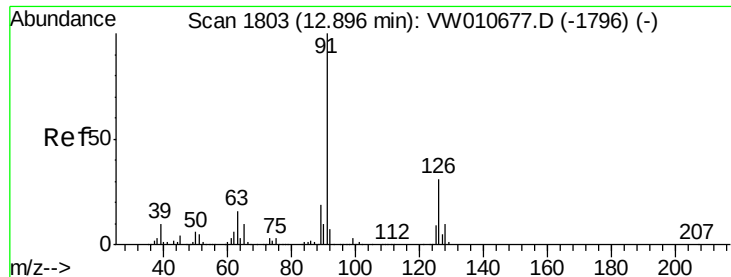
Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 21.4 | 10.8  | 32.4  |       |





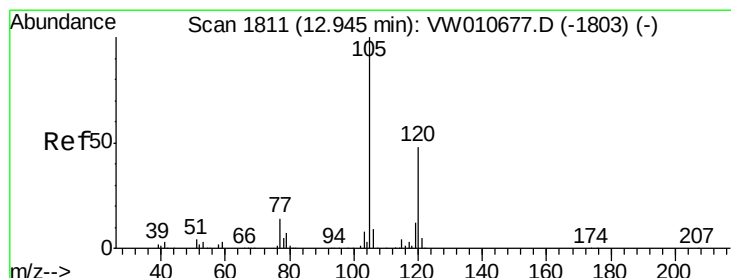
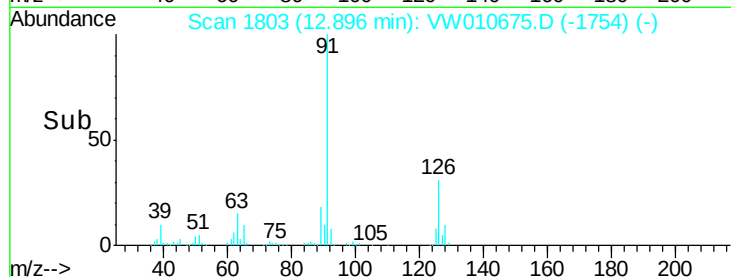
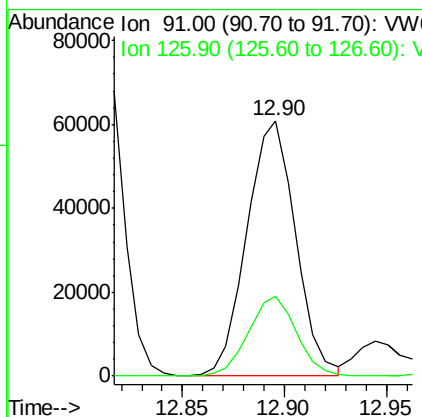
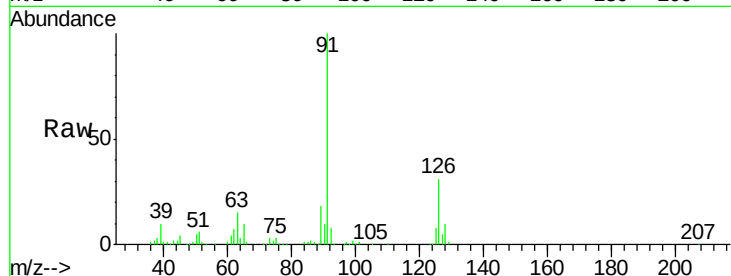
#79  
2-Chlorotoluene  
Concen: 10.612 ug/l  
RT: 12.90 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion: 91 Resp: 100683  
Ion Ratio Lower Upper  
91 100  
126 31.0 15.7 47.0

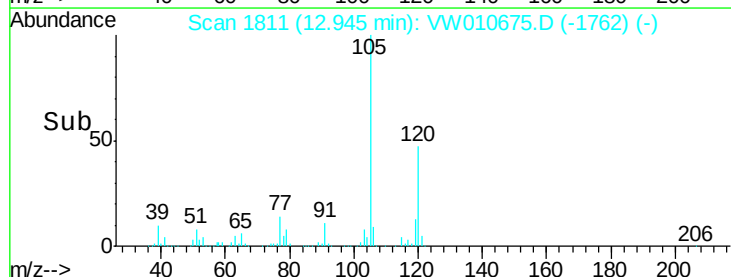
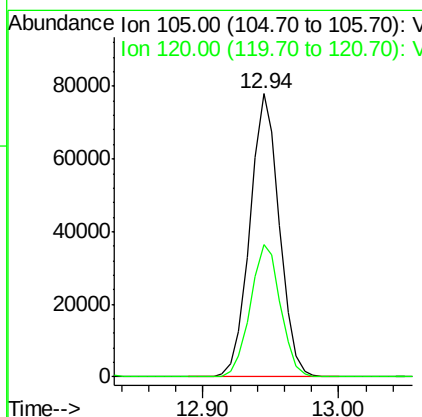
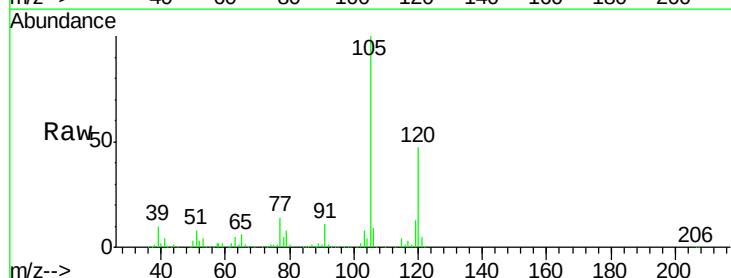
Manual Integrations  
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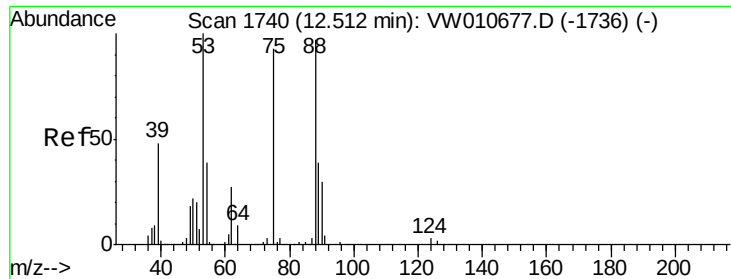
MMDadoda  
6/5/2019 3:04:54 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 10.457 ug/l  
RT: 12.94 min Scan# 1811  
Delta R.T. -0.00 min  
Lab File: VW010675.D  
Acq: 04 Jun 2019 14:48

Tgt Ion: 105 Resp: 117885  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.720 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

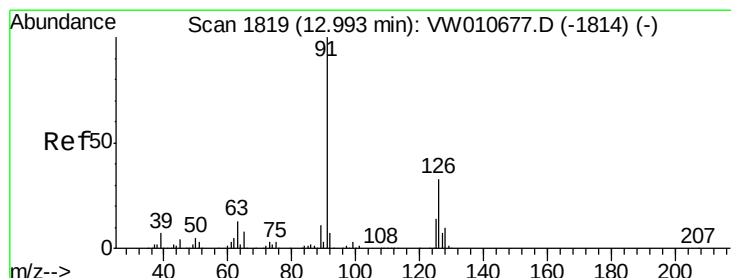
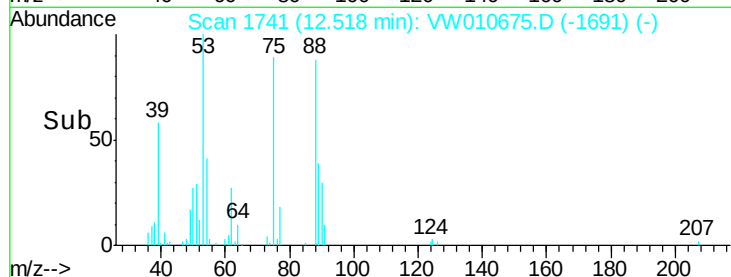
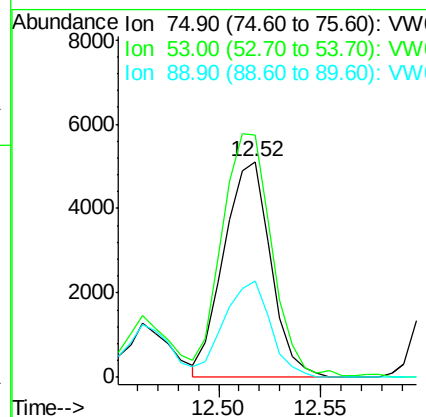
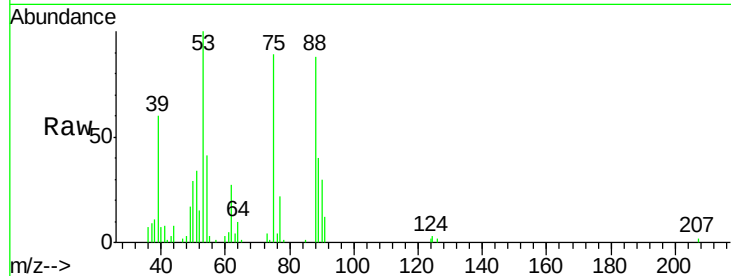
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 8140  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 121.1 | 90.1  | 135.1 |
| 89       | 44.3  | 34.6  | 52.0  |

Manual Integrations  
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6/5/2019 3:04:54 PM



#82

4-Chlorotoluene

Concen: 10.509 ug/l

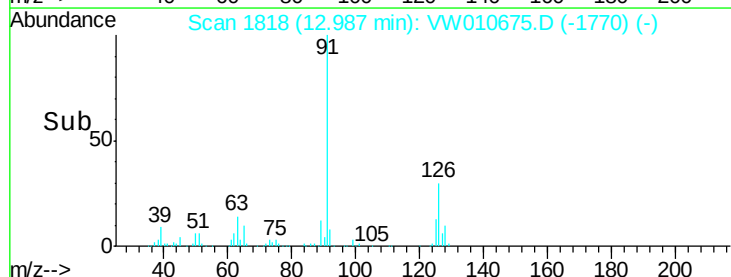
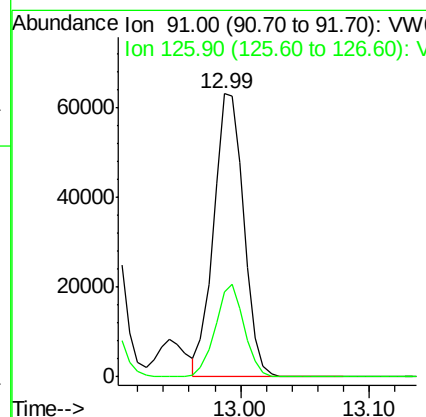
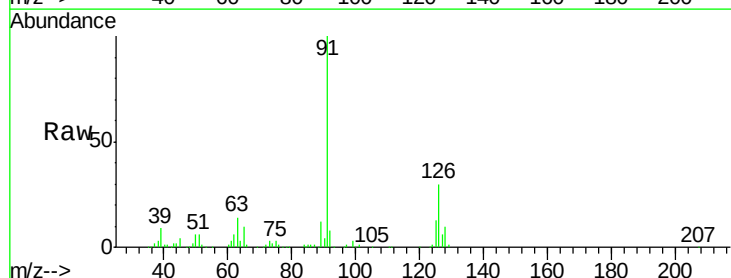
RT: 12.99 min Scan# 1818

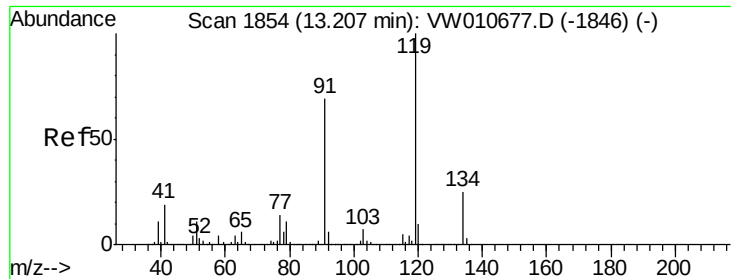
Delta R.T. -0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 102894 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.4  | 15.9  | 47.7   |





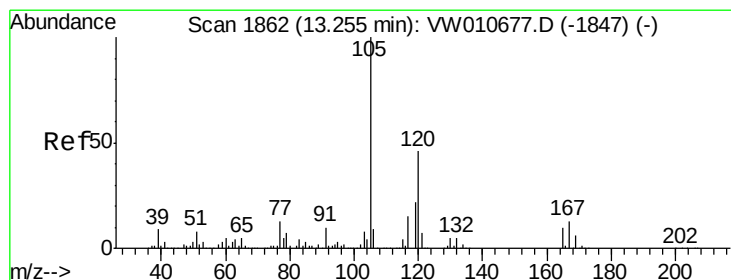
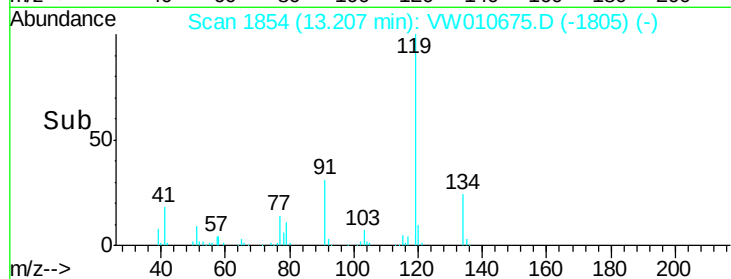
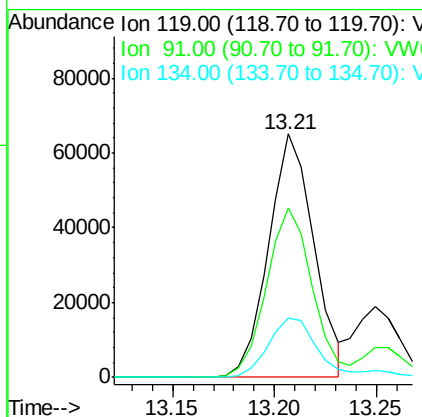
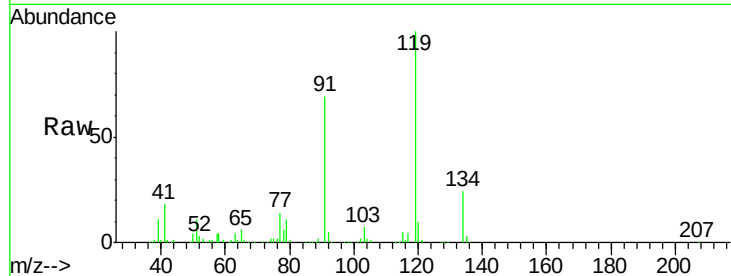
#83  
 tert-Butylbenzene  
 Concen: 10.533 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 100768 |       |       |
| 91      | 70.7  |        | 35.1  | 105.3 |
| 134     | 27.8  |        | 13.6  | 40.7  |

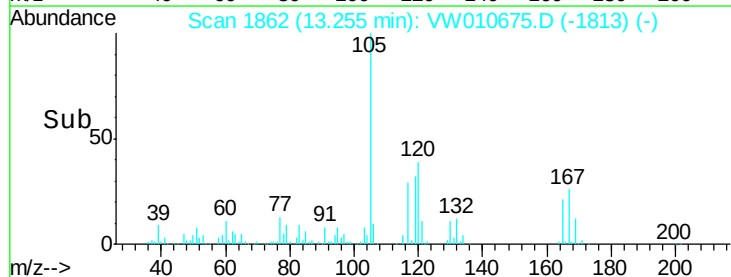
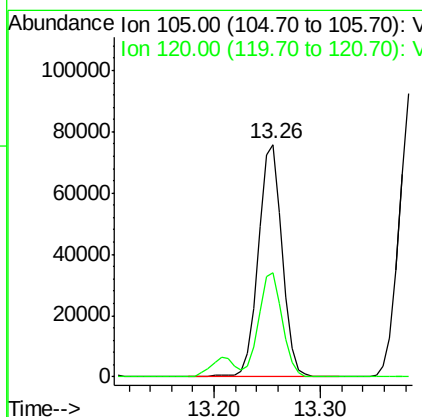
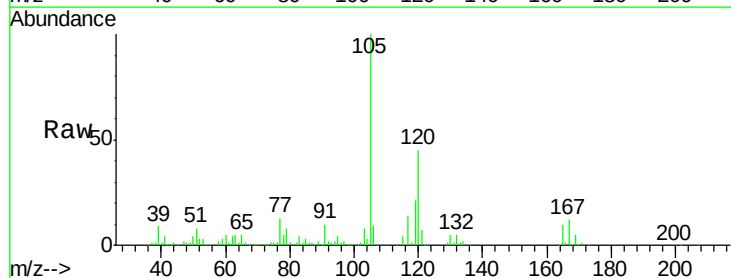
Manual Integrations  
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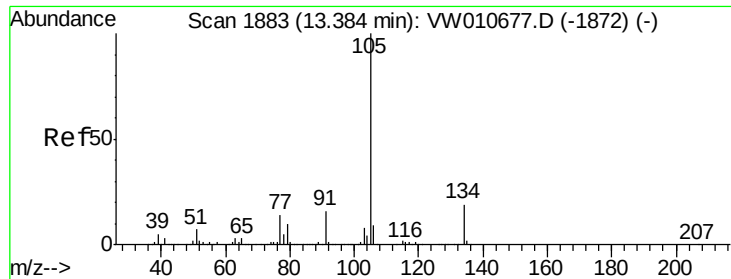
MMDadoda  
 6/5/2019 3:04:54 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 10.454 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 118586 |       |       |
| 120     | 44.6  |        | 22.5  | 67.5  |





#85

sec-Butylbenzene

Concen: 10.504 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion:105 Resp: 146323

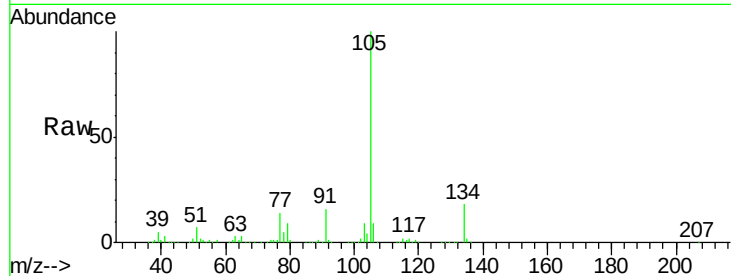
Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9

Manual Integrations  
APPROVED

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6/5/2019 3:04:54 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

100000

80000

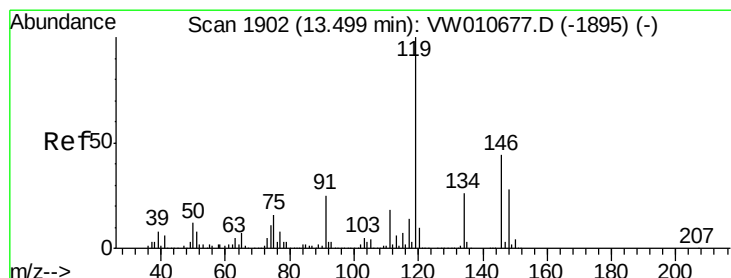
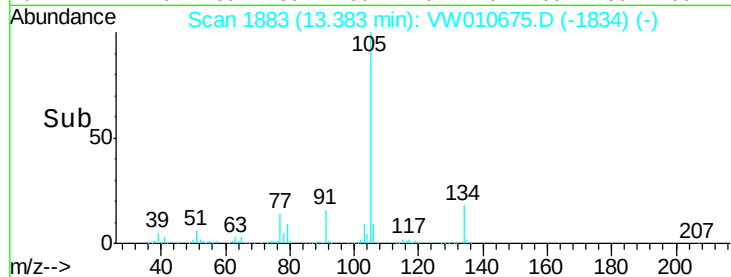
60000

40000

20000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 10.363 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

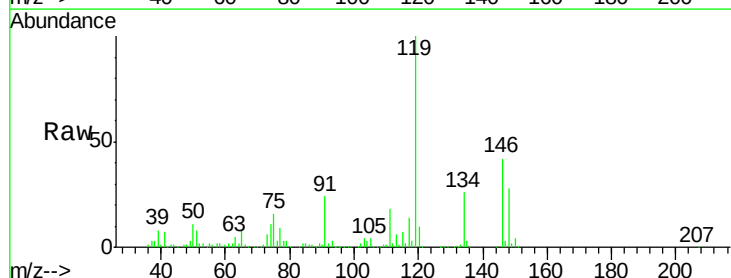
Tgt Ion:119 Resp: 129084

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 24.7 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

120000

100000

80000

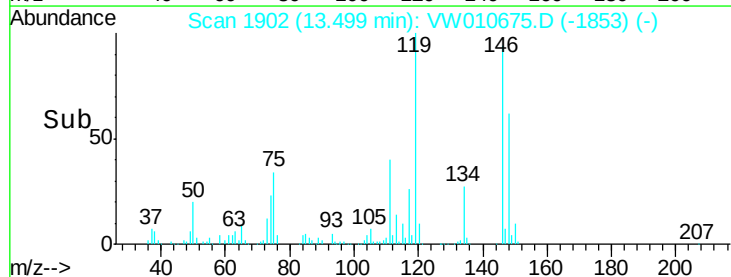
60000

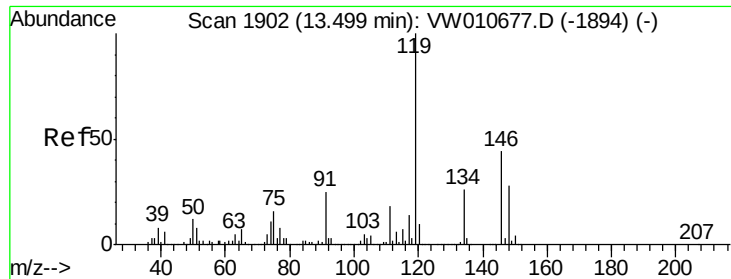
40000

20000

0

Time--> 13.50 13.60





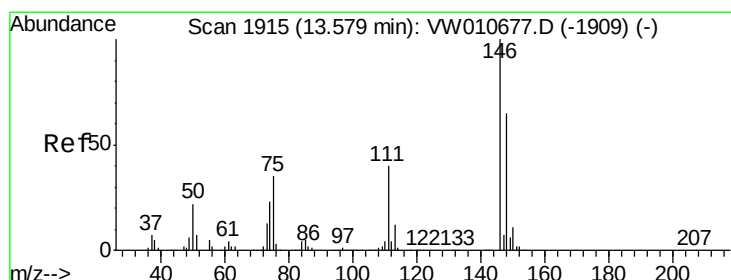
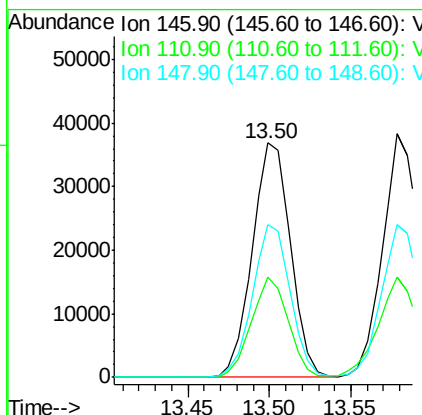
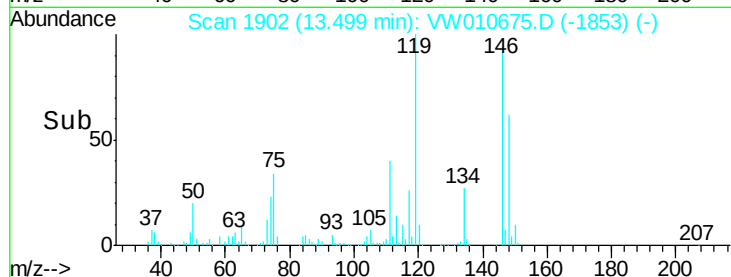
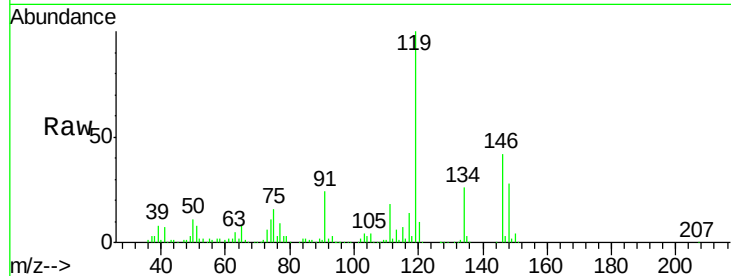
#87  
 1,3-Dichlorobenzene  
 Concen: 10.406 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.4  | 20.4  | 61.3  |
| 148     | 64.3  | 31.5  | 94.5  |

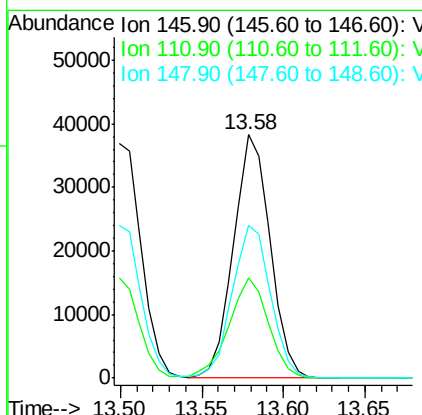
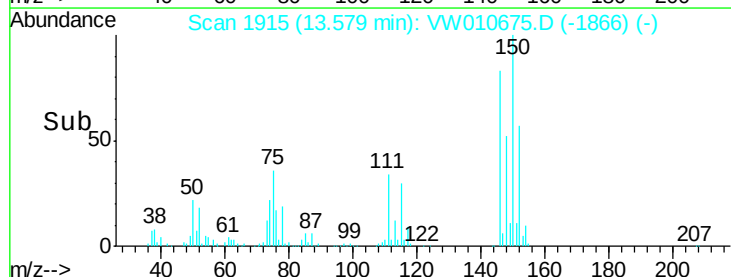
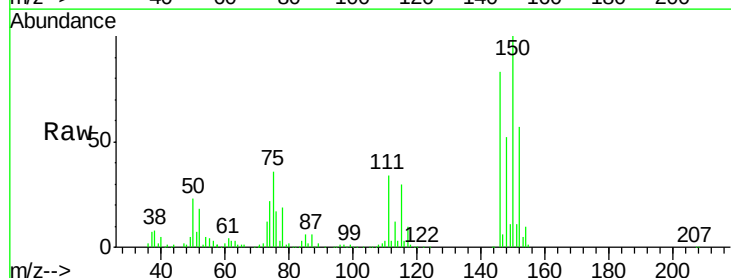
Manual Integrations  
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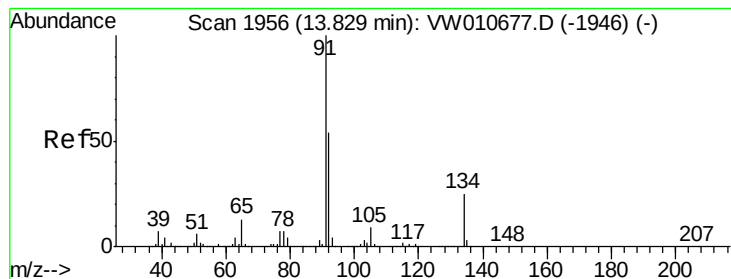


#88  
 1,4-Dichlorobenzene  
 Concen: 10.461 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.0  | 20.3  | 60.9  |
| 148     | 65.5  | 32.4  | 97.2  |







#89

n-Butylbenzene

Concen: 10.305 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

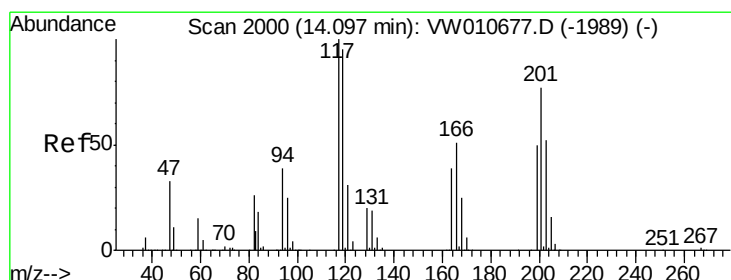
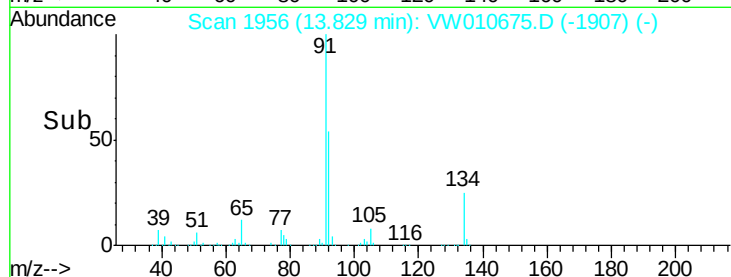
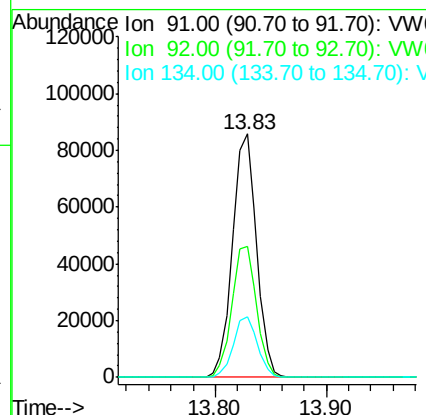
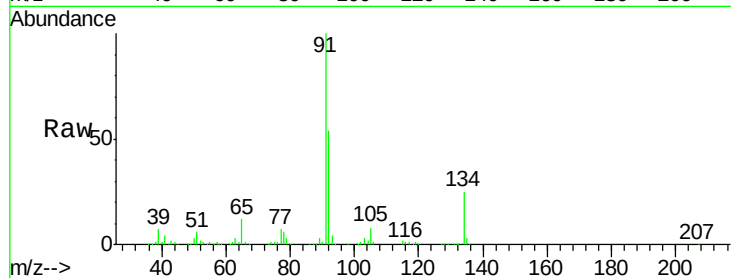
ClientSampleId :

VSTDIC010

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 128081 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 55.1  | 27.3  | 81.8   |
| 134      | 25.0  | 12.3  | 36.9   |

Manual Integrations  
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#90

Hexachloroethane

Concen: 10.027 ug/l

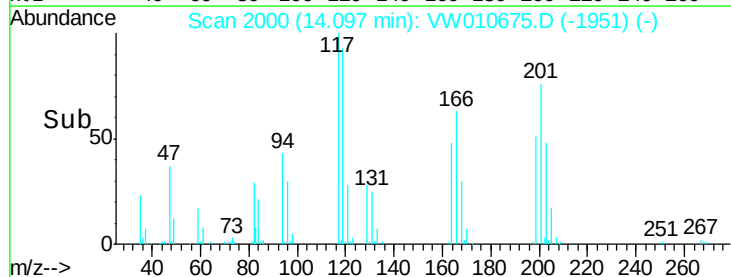
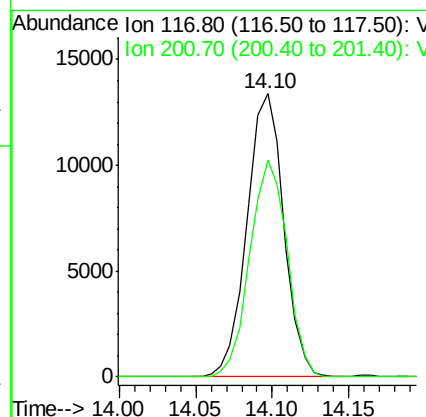
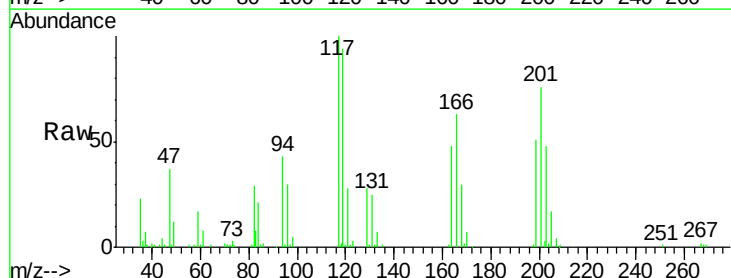
RT: 14.10 min Scan# 2000

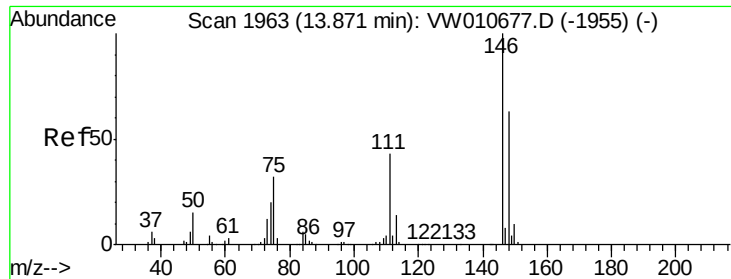
Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 22369 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 77.7  | 38.8  | 116.4 |





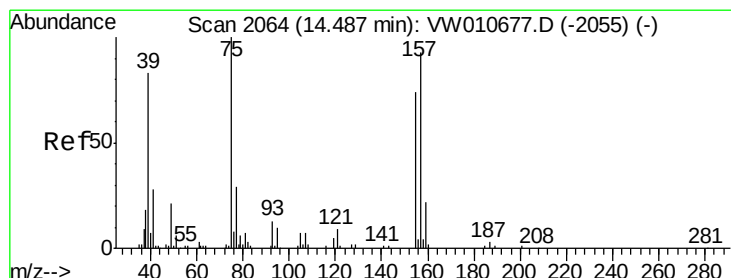
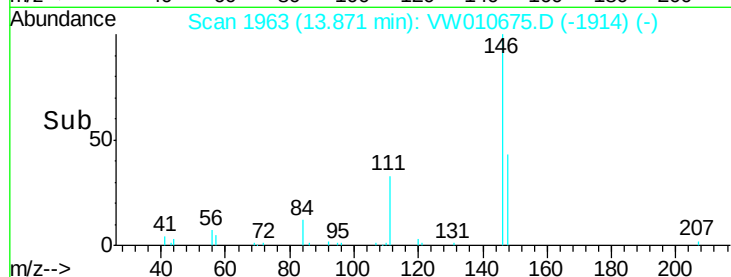
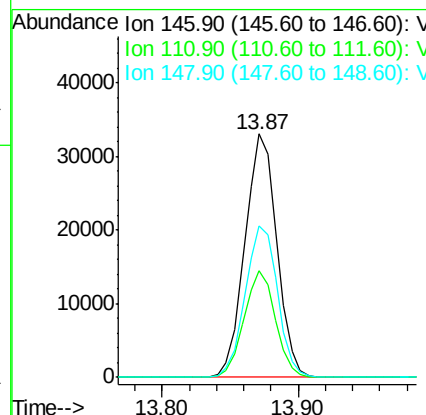
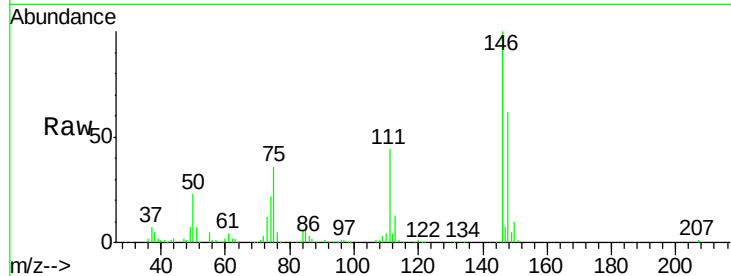
#91  
 1,2-Dichlorobenzene  
 Concen: 10.408 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.1  | 21.5  | 64.5  |
| 148     | 62.9  | 31.9  | 95.5  |

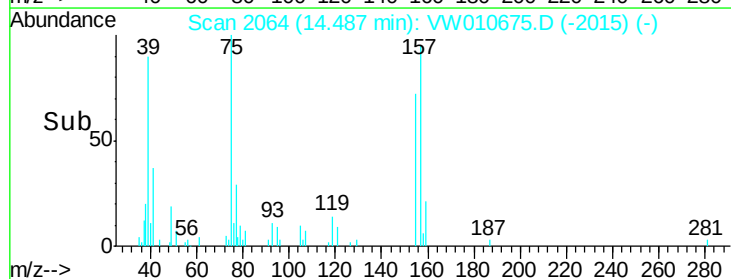
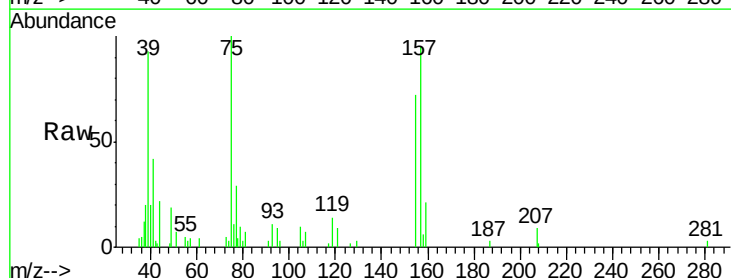
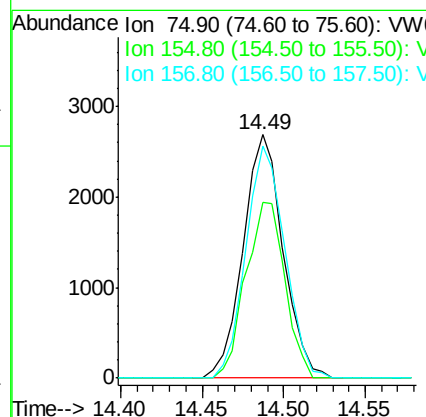
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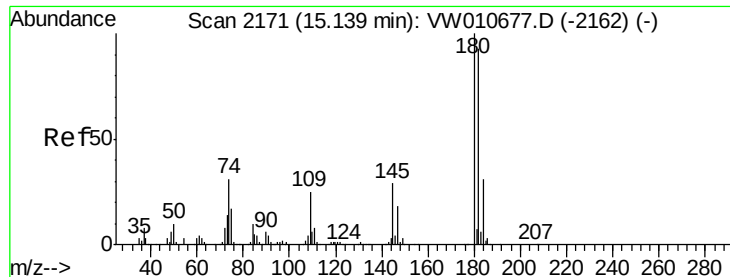
MMDadoda  
 6/5/2019 3:04:54 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 10.157 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 70.6  | 38.8  | 116.4 |
| 157     | 93.1  | 48.4  | 145.0 |





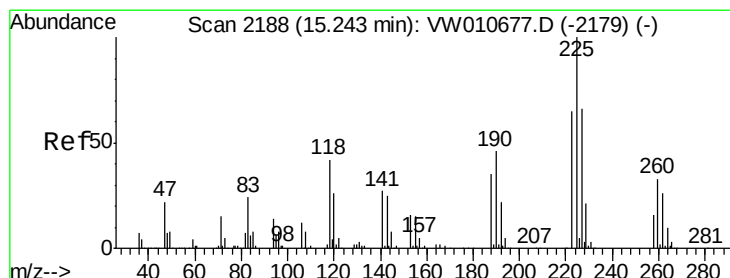
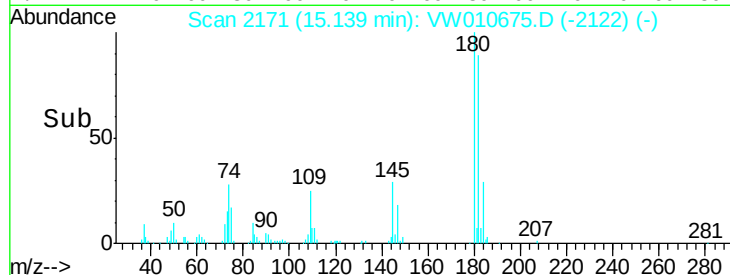
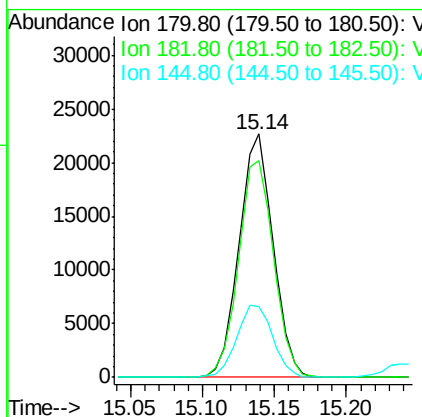
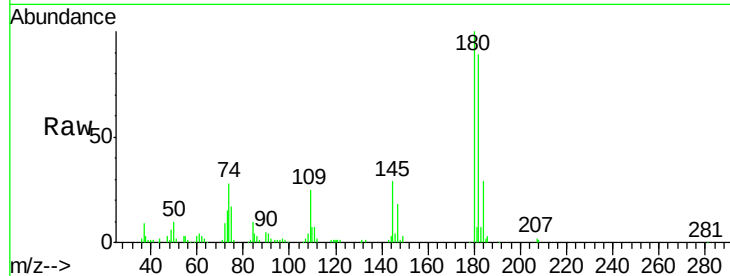
#93  
 1,2,4-Trichlorobenzene  
 Concen: 10.139 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.00 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 37095 |       |       |
| 182     | 91.9  |       | 47.1  | 141.4 |
| 145     | 31.4  |       | 15.2  | 45.5  |

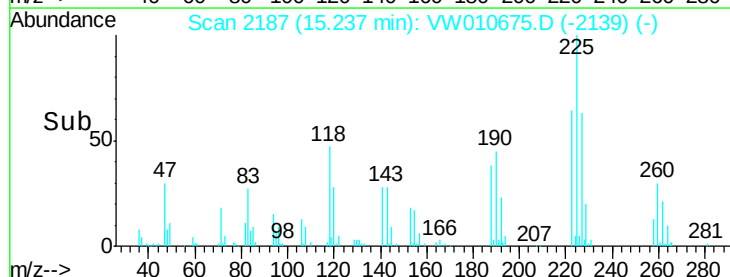
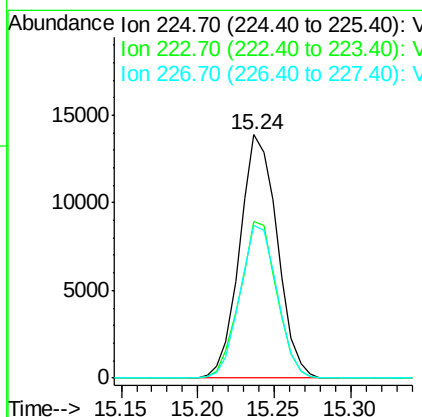
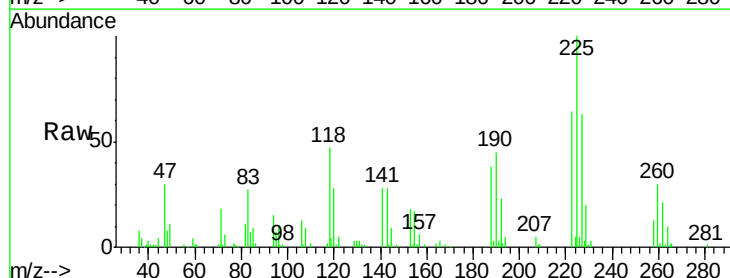
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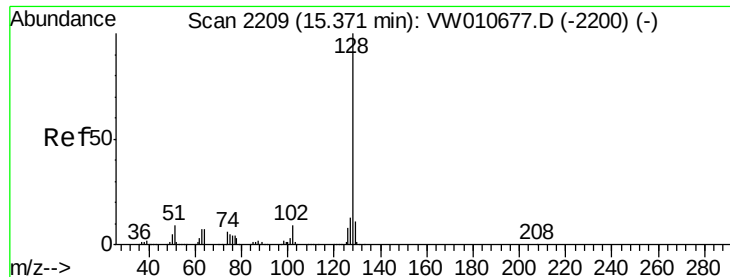
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#94  
 Hexachlorobutadiene  
 Concen: 10.302 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.01 min  
 Lab File: VW010675.D  
 Acq: 04 Jun 2019 14:48

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 23657 |       |       |
| 223     | 63.0  |       | 32.2  | 96.6  |
| 227     | 62.2  |       | 32.0  | 96.0  |





#95

Naphthalene

Concen: 9.881 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA\_W

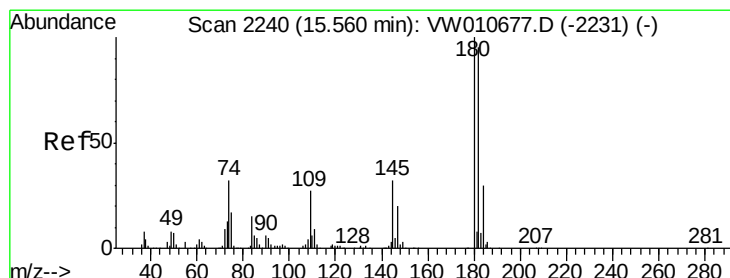
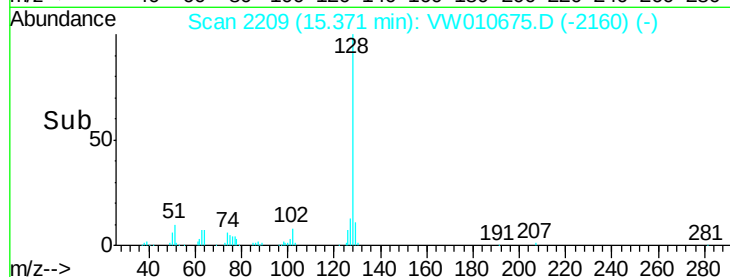
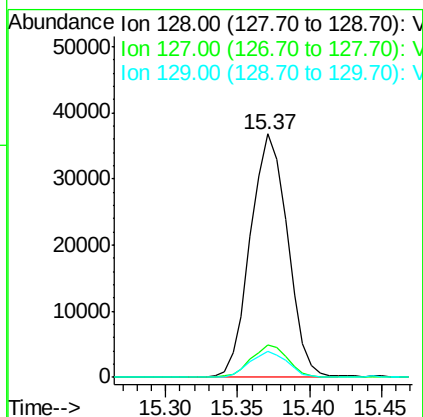
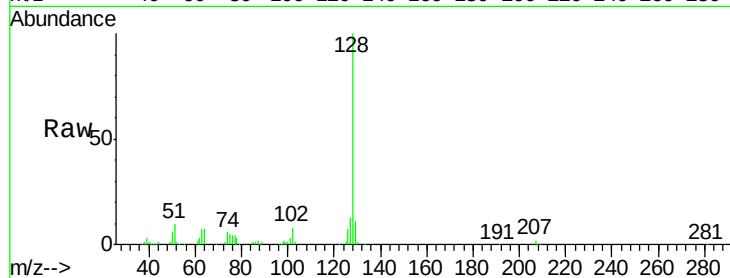
ClientSampleId :

VSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 65683 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.4  | 10.6  | 15.8  |
| 129       | 10.8  | 8.6   | 13.0  |

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#96

1,2,3-Trichlorobenzene

Concen: 10.217 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 31792 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.2  | 47.0  | 141.0 |
| 145       | 31.6  | 16.1  | 48.3  |

