

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\  
 Data File : VW015308.D  
 Acq On : 22 Apr 2020 15:14  
 Operator : SY/VA  
 Sample : L2314-18MSD  
 Misc : 5.16G/5ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WB-4-1MSD

Manual Integrations  
 APPROVED

MMDadoda  
 4/23/2020 1:33:01 PM

Quant Time: Apr 23 07:59:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W042020S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 21 06:39:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 141259   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 214675   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 139268   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 32167    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 74072    | 64.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 128.24% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 70705    | 59.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 118.92% |      |
| 50) Toluene-d8            | 10.32  | 98  | 223923   | 44.76 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.52%  |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 45600    | 23.89 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 47.78%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 70223  | 62.951  | ug/l   | 97     |
| 3) Chloromethane              | 2.22 | 50  | 77101  | 63.470  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.36 | 62  | 81529  | 56.835  | ug/l   | 100    |
| 5) Bromomethane               | 2.76 | 94  | 69804  | 68.439  | ug/l   | 92     |
| 6) Chloroethane               | 2.92 | 64  | 53482  | 60.106  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 115639 | 56.969  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.69 | 74  | 40918  | 71.816  | ug/l   | 88     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 59988  | 47.923  | ug/l   | 92     |
| 10) Methyl Iodide             | 4.28 | 142 | 78039  | 59.356  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.17 | 59  | 35737  | 379.523 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 61401  | 50.961  | ug/l   | 93     |
| 13) Acrolein                  | 3.90 | 56  | 7529   | 152.766 | ug/l   | 98     |
| 14) Allyl chloride            | 4.68 | 41  | 73291  | 45.853  | ug/l   | 88     |
| 15) Acrylonitrile             | 5.37 | 53  | 81418  | 375.501 | ug/l   | 99     |
| 16) Acetone                   | 4.12 | 43  | 91730  | 454.650 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.38 | 76  | 106165 | 29.651  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.67 | 43  | 95662  | 179.123 | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 209771 | 75.843  | ug/l   | 94     |
| 20) Methylene Chloride        | 4.92 | 84  | 80169  | 60.629  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 56488  | 41.339  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.32 | 45  | 212748 | 69.382  | ug/l # | 94     |
| 23) Vinyl Acetate             | 6.26 | 43  | 388241 | 215.761 | ug/l   | 95     |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 130906 | 61.599  | ug/l   | 99     |
| 25) 2-Butanone                | 7.17 | 43  | 108624 | 405.797 | ug/l # | 90     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 126745 | 56.691  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 75996  | 51.515  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 45125  | 58.403  | ug/l # | 74     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 68709  | 412.000 | ug/l   | 88     |
| 30) Chloroform                | 7.68 | 83  | 139125 | 60.658  | ug/l   | 96     |
| 31) Cyclohexane               | 7.96 | 56  | 63866  | 29.897  | ug/l   | 91     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 125425 | 56.660  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 71936  | 37.127  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.25 | 43  | 37071  | 58.953  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 100648 | 47.534  | ug/l   | 95     |

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 Misc : 5.16G/5ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 WB-4-1MSD

Manual Integrations  
 APPROVED

MMDadoda  
 4/23/2020 1:33:01 PM

Quant Time: Apr 23 07:59:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W042020S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 21 06:39:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 42082    | 16.318   | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 287442   | 55.536   | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.48  | 41   | 25334    | 67.145   | ug/l # | 89       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 91611    | 60.125   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 81460    | 61.765   | ug/l   | 96       |
| 44) Trichloroethene            | 9.09  | 130  | 60420    | 38.164   | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 68355    | 56.791   | ug/l   | 96       |
| 46) Dibromomethane             | 9.46  | 93   | 38191    | 54.852   | ug/l # | 86       |
| 47) Bromodichloromethane       | 9.65  | 83   | 102333   | 54.980   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.43  | 41   | 44612    | 71.555   | ug/l # | 88       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 15167    | 1634.051 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 235398   | 380.221  | ug/l   | 97       |
| 52) Toluene                    | 10.39 | 92   | 163585   | 45.160   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 72079    | 39.275   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 94231    | 44.174   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 59022    | 60.540   | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 78013    | 62.114   | ug/l   | 93       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 92096    | 57.026   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 172893   | 296.921  | ug/l # | 89       |
| 59) 2-Hexanone                 | 10.97 | 43   | 166260   | 376.203  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.13 | 129  | 69323    | 53.853   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 49237    | 51.757   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 44404    | 44.674   | ug/l   | 91       |
| 65) Chlorobenzene              | 11.66 | 112  | 132014   | 48.307   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 69488    | 70.746   | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.73 | 91   | 233792   | 45.874   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.83 | 106  | 174207   | 87.206   | ug/l   | 99       |
| 69) o-Xylene                   | 12.16 | 106  | 93062    | 49.910   | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 126678   | 39.856   | ug/l   | 98       |
| 71) Bromoform                  | 12.35 | 173  | 39370    | 71.137   | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.46 | 105  | 182497   | 81.827   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 47361    | 122.062  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 57430    | 181.363  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 46485m   | 186.802  | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 44833    | 87.495   | ug/l   | 94       |
| 78) n-propylbenzene            | 12.80 | 91   | 153116   | 58.964   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 103324   | 70.604   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 117592   | 61.207   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 16439    | 144.409  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 90667    | 58.352   | ug/l   | 96       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 99928    | 59.510   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 116027   | 61.230   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 92029    | 39.685   | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 86200    | 40.003   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 45690    | 44.878   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 46224    | 46.316   | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.82 | 91   | 50047    | 25.410   | ug/l   | 97       |
| 90) Hexachloroethane           | 14.09 | 117  | 16647    | 42.125   | ug/l   | 73       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 48753    | 55.106   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 9023     | 157.456  | ug/l   | 90       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042220\  
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Operator : SY/VA  
Sample : L2314-18MSD  
Misc : 5.16G/5ML/MSVOA W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

Manual Integrations  
APPROVED

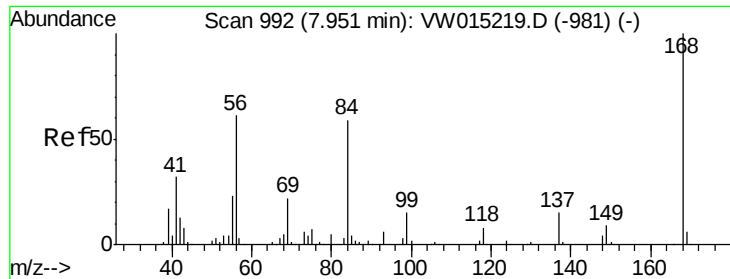
MMDadoda  
4/23/2020 1:33:01 PM

Quant Time: Apr 23 07:59:55 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W042020S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 21 06:39:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 10166    | 16.532 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.23 | 225  | 4974     | 12.132 | ug/l  | 97       |
| 95) Naphthalene            | 15.36 | 128  | 52457    | 53.030 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 9842     | 19.671 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion:168 Resp: 141259

Ion Ratio Lower Upper

168 100

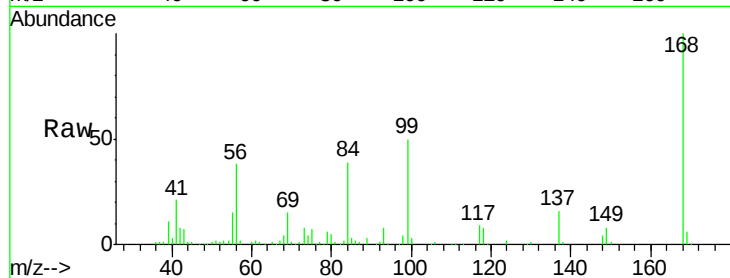
99 50.3 48.5 72.7

Manual Integrations

APPROVED

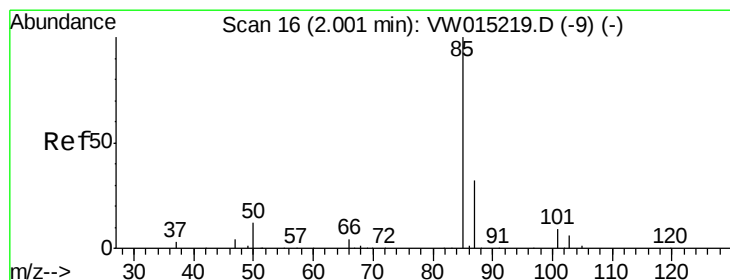
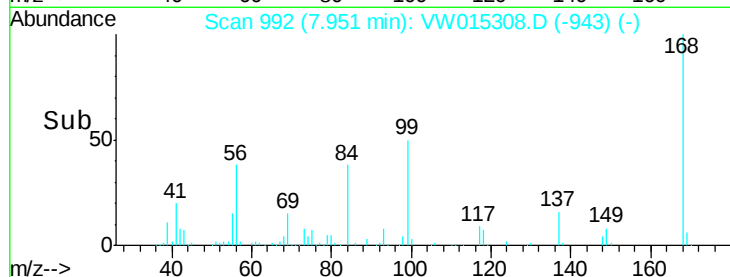
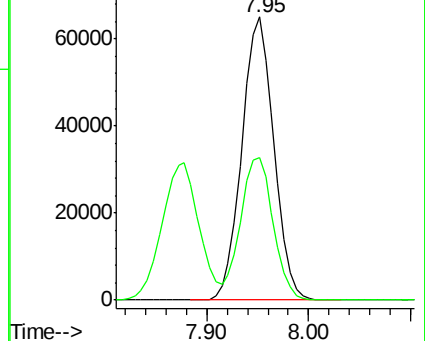
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 62.951 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015308.D

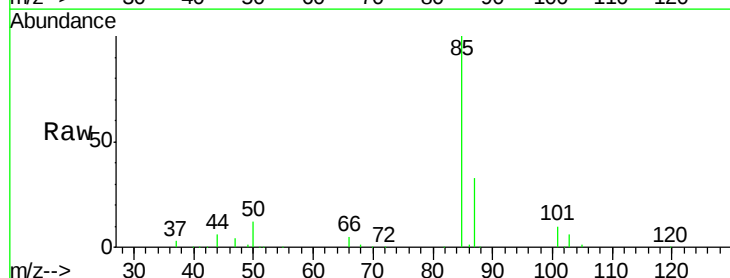
Acq: 22 Apr 2020 15:14

Tgt Ion: 85 Resp: 70223

Ion Ratio Lower Upper

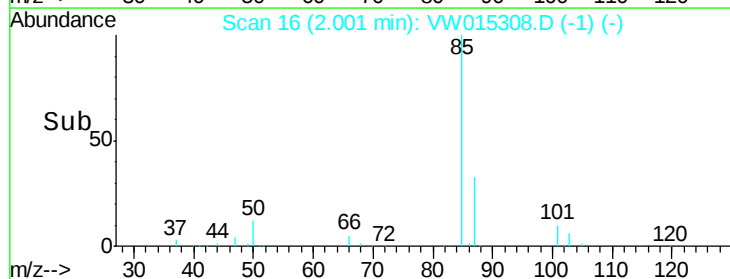
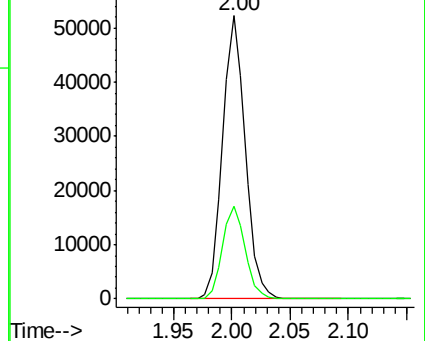
85 100

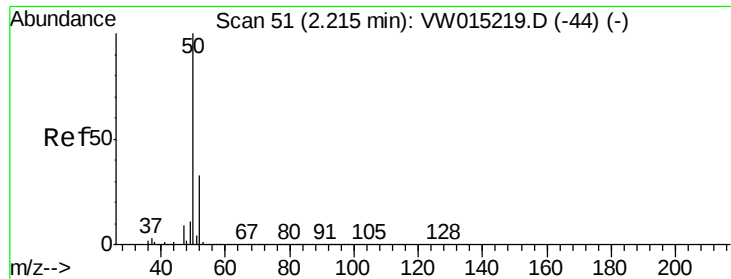
87 32.6 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 63.470 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion: 50 Resp: 77101

Ion Ratio Lower Upper

50 100

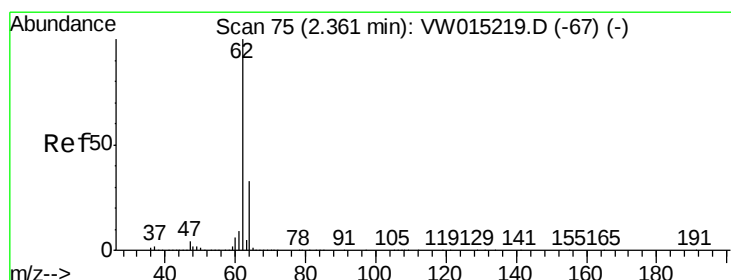
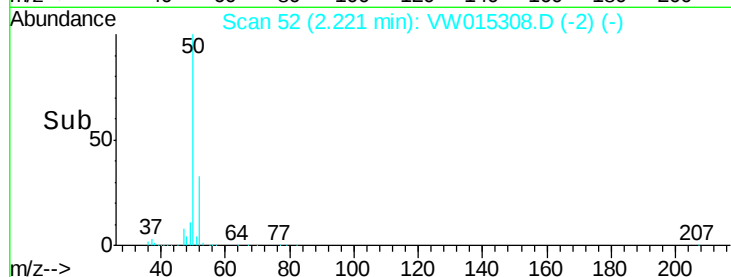
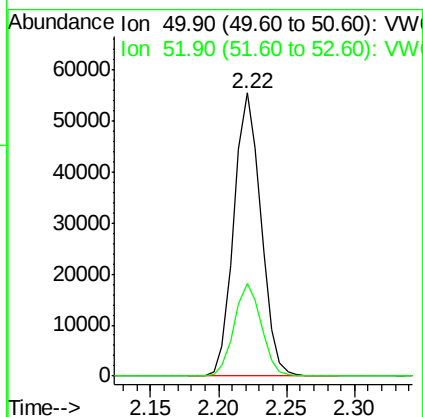
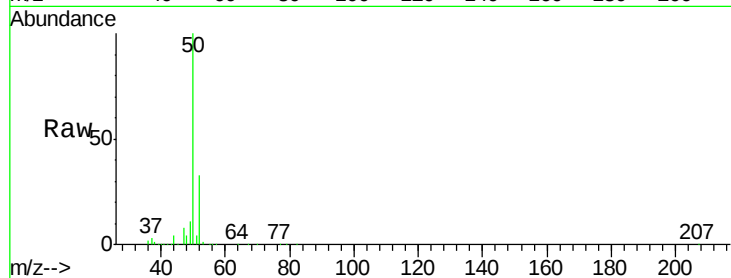
52 32.5 26.5 39.7

Manual Integrations

APPROVED

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4/23/2020 1:33:01 PM



#4

Vinyl Chloride

Concen: 56.835 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015308.D

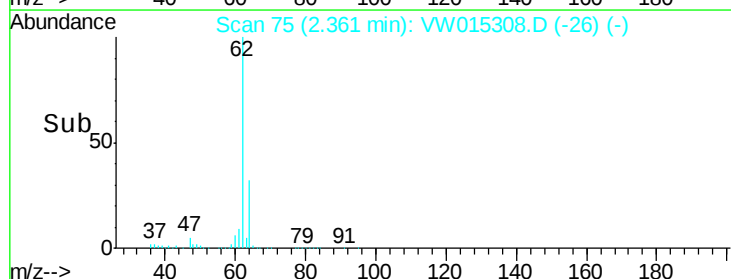
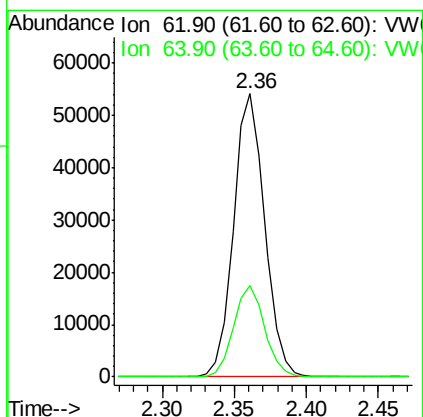
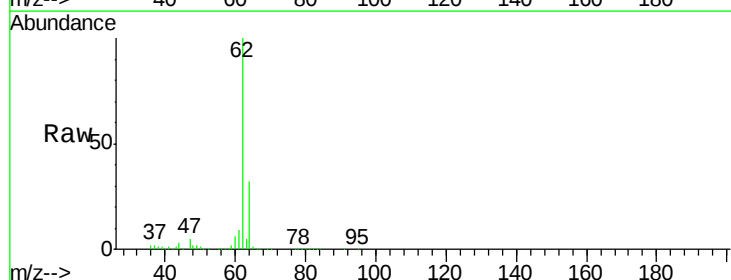
Acq: 22 Apr 2020 15:14

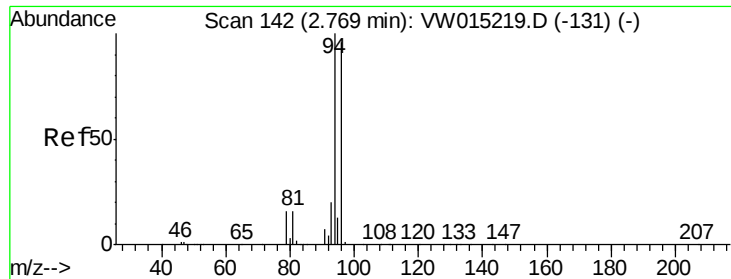
Tgt Ion: 62 Resp: 81529

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 68.439 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion: 94 Resp: 69804

Ion Ratio Lower Upper

94 100

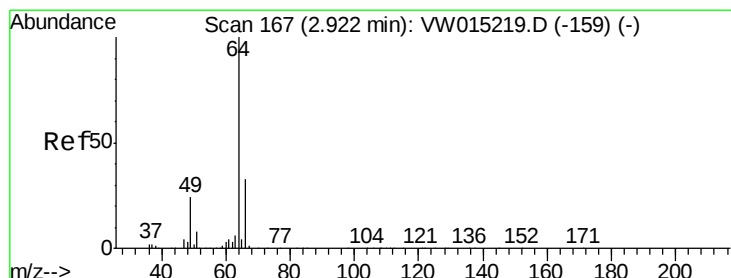
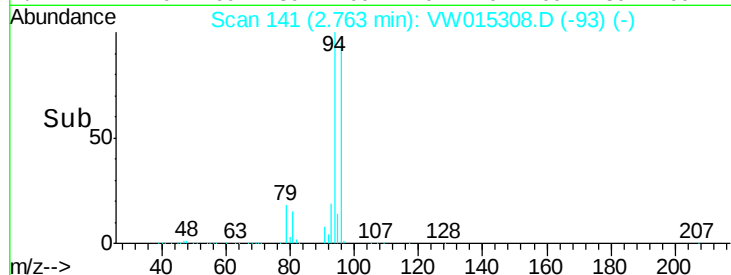
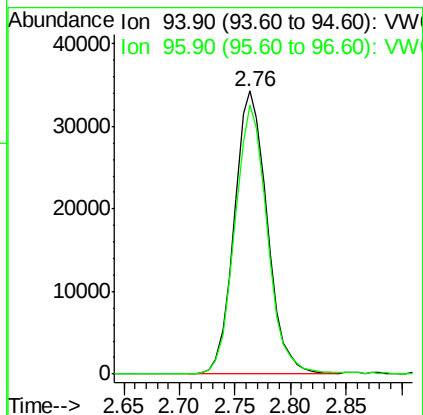
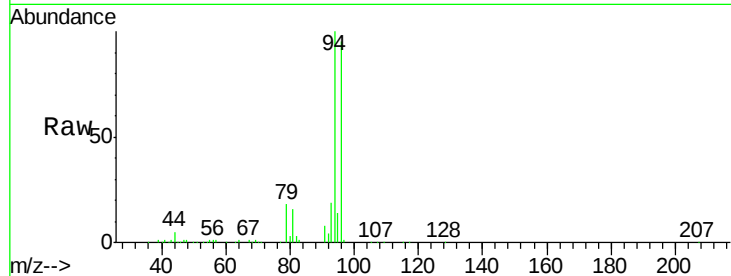
96 95.1 70.4 105.6

Manual Integrations

APPROVED

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4/23/2020 1:33:01 PM



#6

Chloroethane

Concen: 60.106 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015308.D

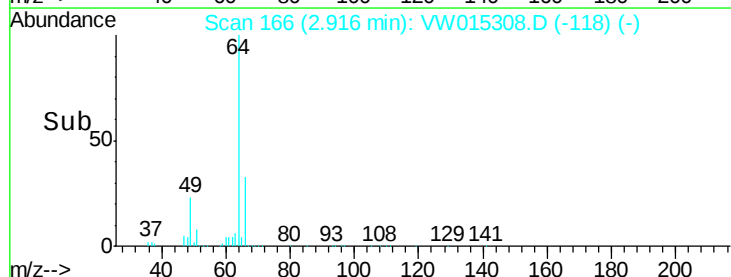
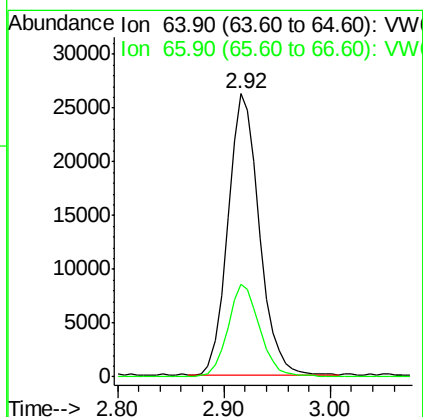
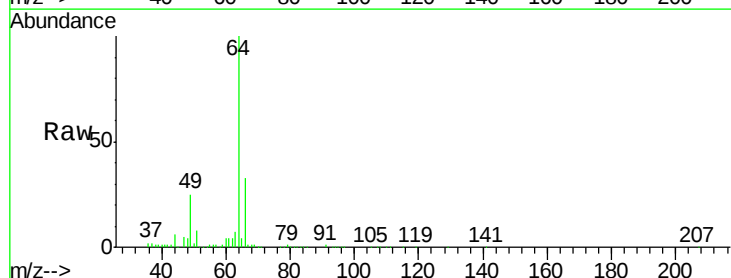
Acq: 22 Apr 2020 15:14

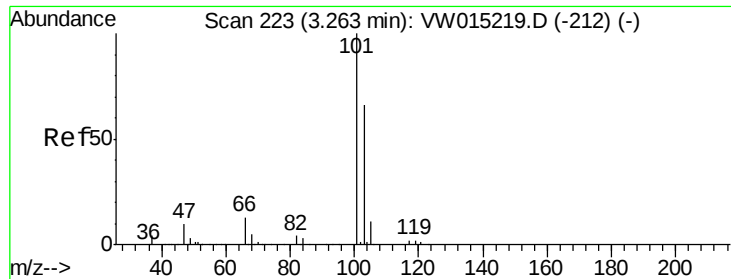
Tgt Ion: 64 Resp: 53482

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.6





#7

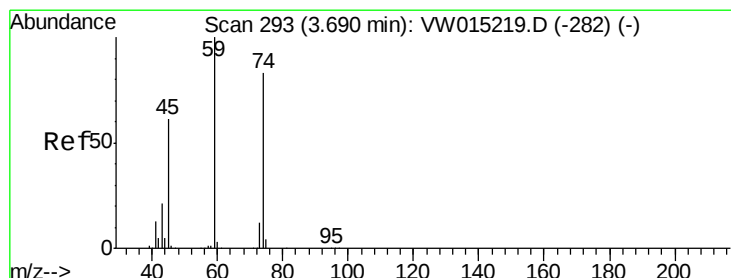
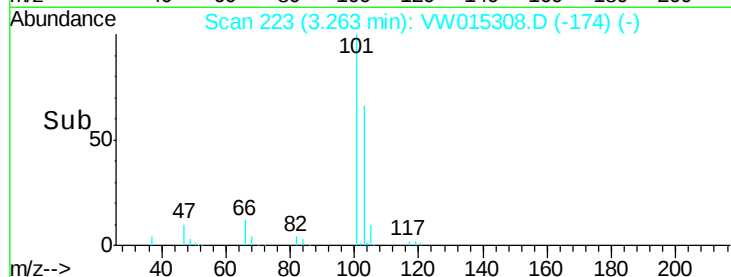
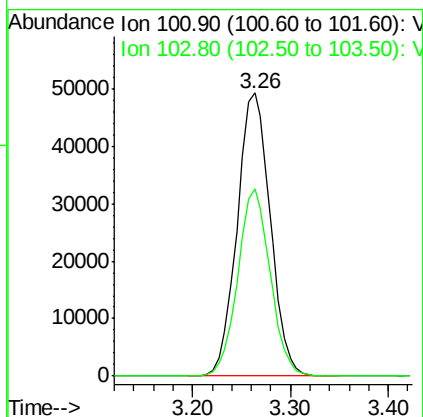
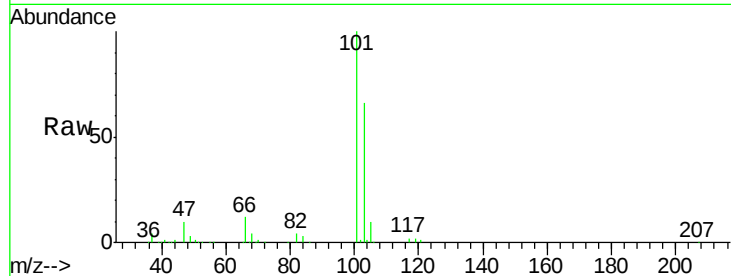
Trichlorofluoromethane  
 Concen: 56.969 ug/l  
 RT: 3.26 min Scan# 223  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WB-4-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 115639 |       |       |
| 103     | 66.1  | 51.3   | 76.9  |       |

Manual Integrations  
 APPROVED

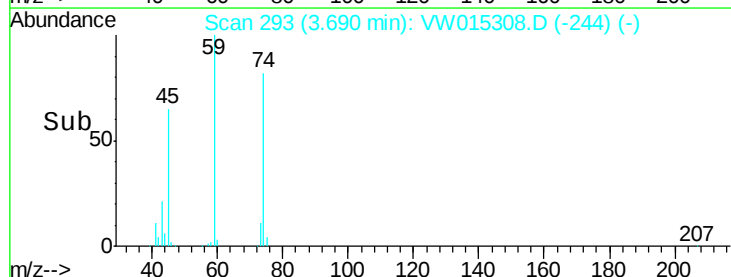
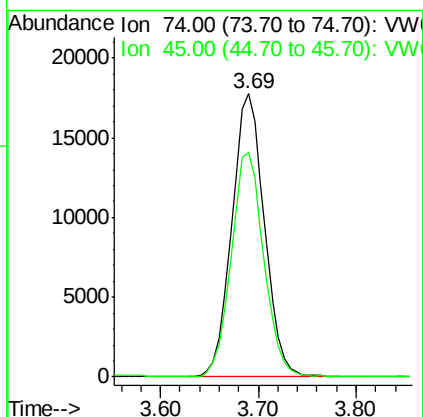
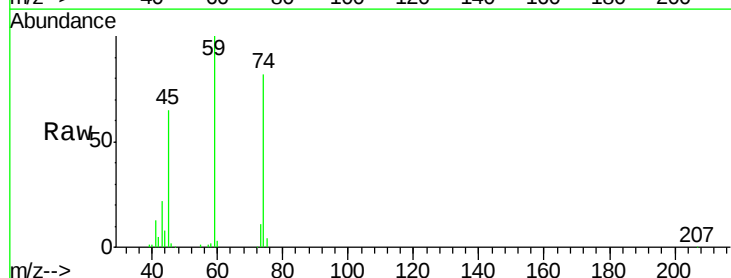
MMDadoda  
 4/23/2020 1:33:01 PM

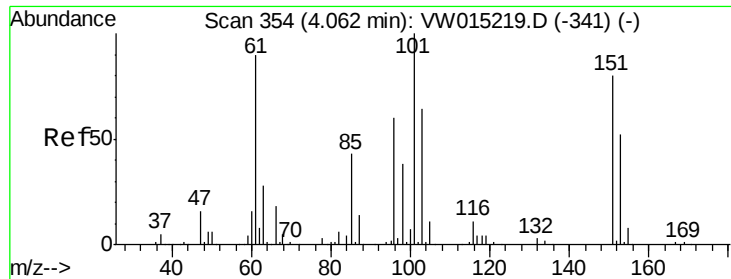


#8

Diethyl Ether  
 Concen: 71.816 ug/l  
 RT: 3.69 min Scan# 293  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 40918 |       |       |
| 45      | 79.2  | 45.5  | 136.5 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.923 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

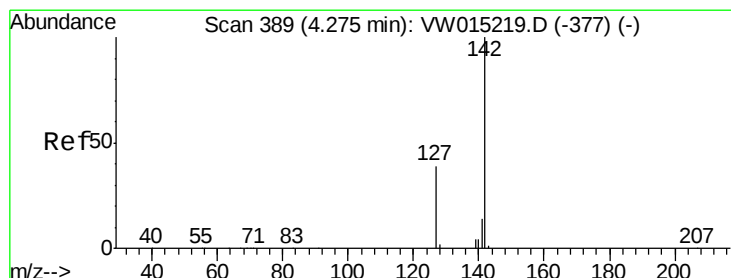
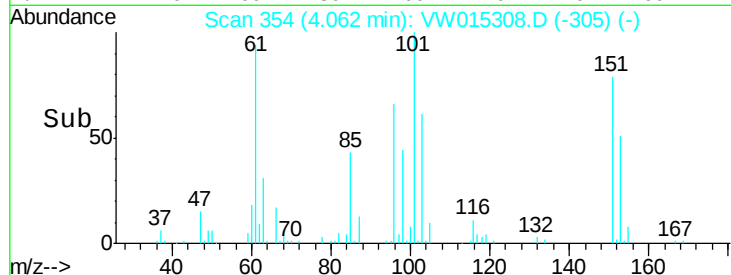
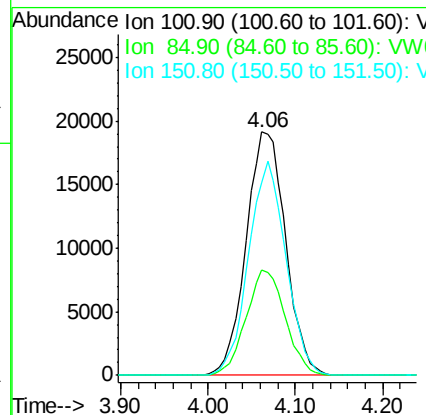
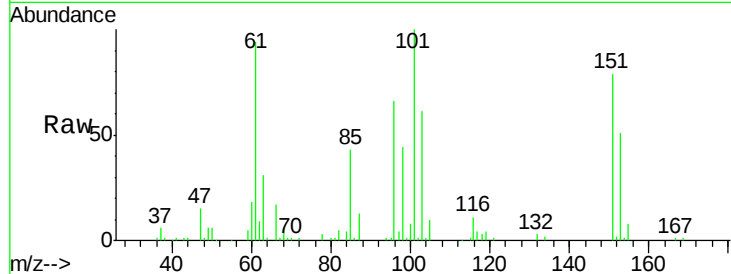
ClientSampleId :

WB-4-1MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 59988 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.0  | 35.3  | 52.9  |
| 151       | 83.5  | 59.3  | 88.9  |

Manual Integrations  
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MMDadoda  
4/23/2020 1:33:01 PM



#10

Methyl Iodide

Concen: 59.356 ug/l

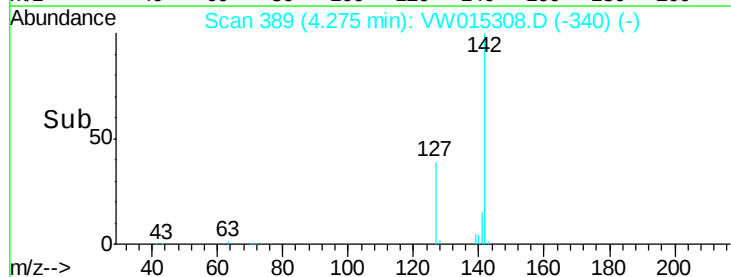
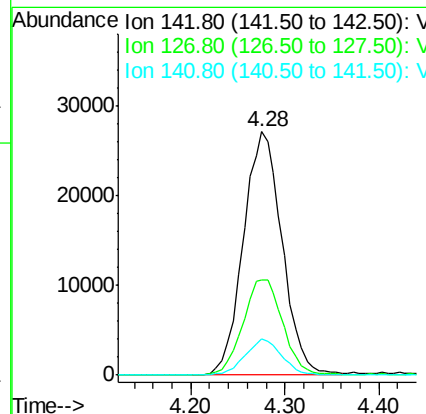
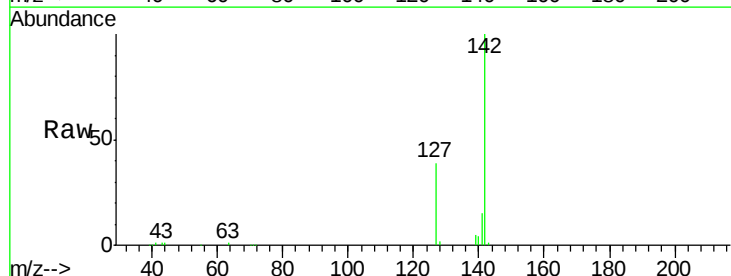
RT: 4.28 min Scan# 389

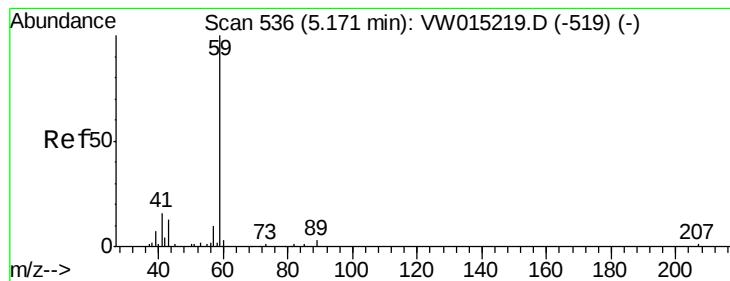
Delta R.T. 0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 78039 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 40.5  | 33.9  | 50.9  |
| 141       | 14.0  | 11.4  | 17.2  |





#11

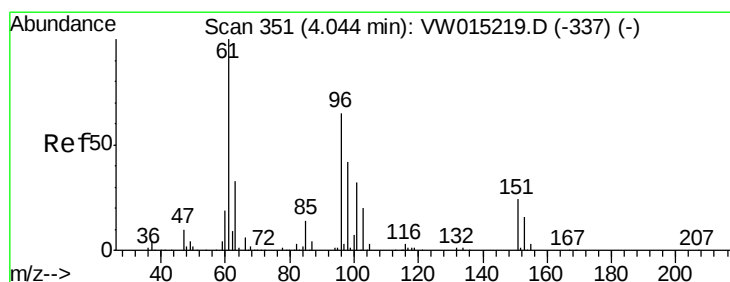
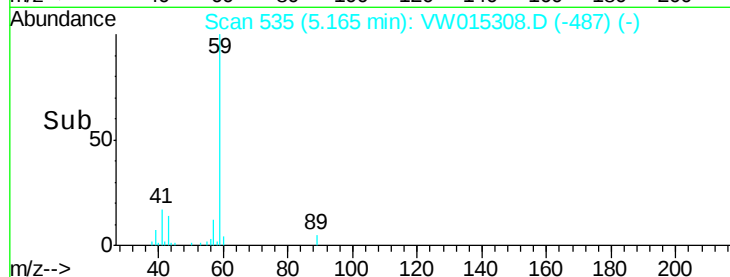
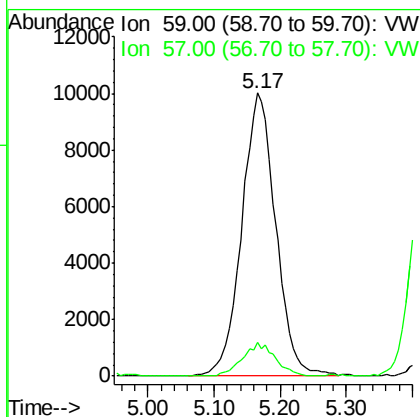
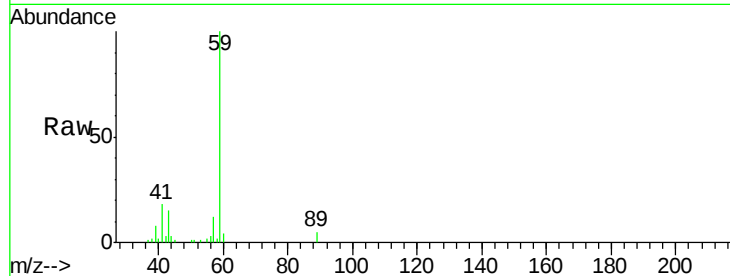
Tert butyl alcohol  
Concen: 379.523 ug/l  
RT: 5.17 min Scan# 535  
Delta R.T. -0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampled :  
WB-4-1MSD

| Tot Ion   | 59   | Resp  | 35737 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 11.2 | 8.4   | 12.6  |

Manual Integrations  
APPROVED

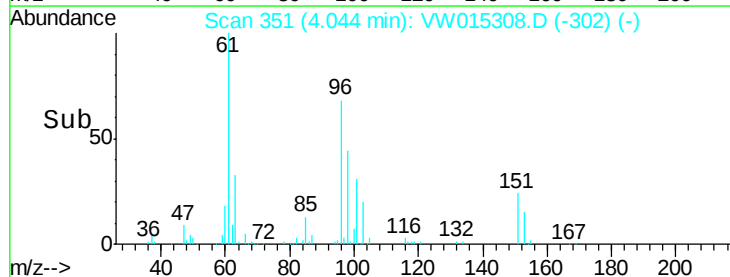
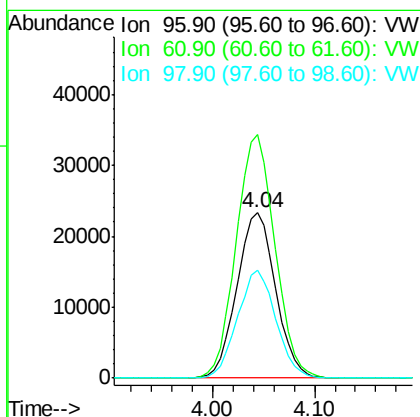
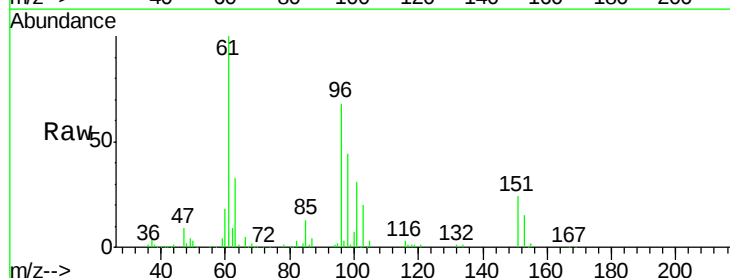
MMDadoda  
4/23/2020 1:33:01 PM

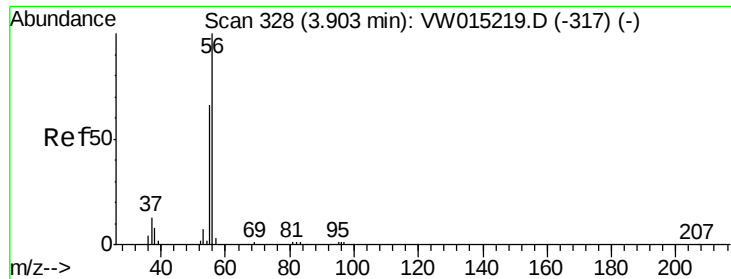


#12

1,1-Dichloroethene  
Concen: 50.961 ug/l  
RT: 4.04 min Scan# 351  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion   | 96    | Resp  | 61401 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 147.2 | 127.0 | 190.4 |
| 98        | 65.4  | 51.0  | 76.4  |





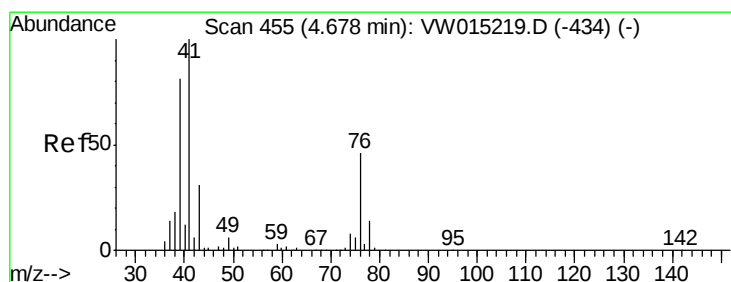
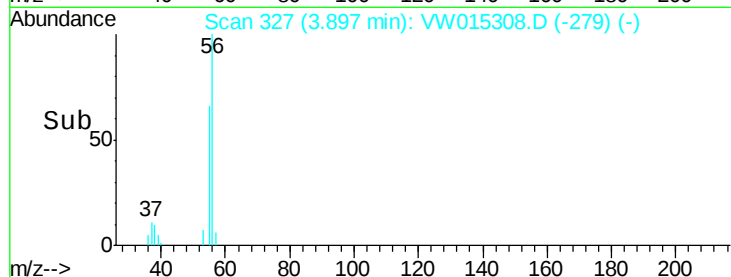
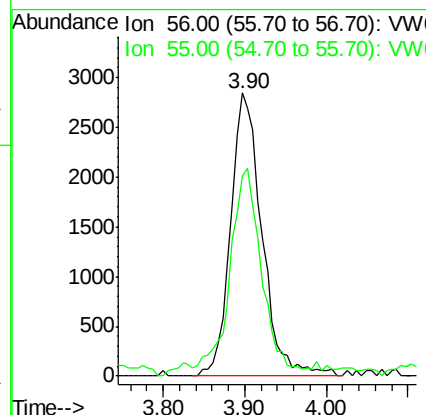
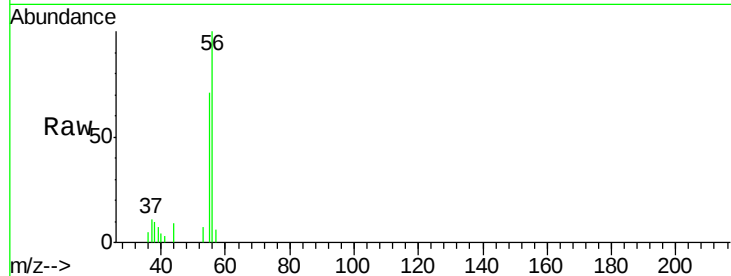
#13  
Acrolein  
Concen: 152.766 ug/l  
RT: 3.90 min Scan# 327  
Delta R.T. -0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 68.7  | 56.2  | 84.2  |

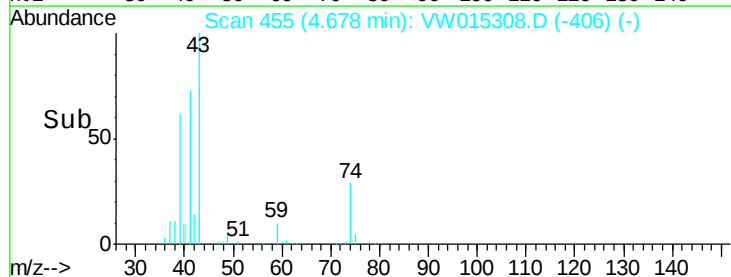
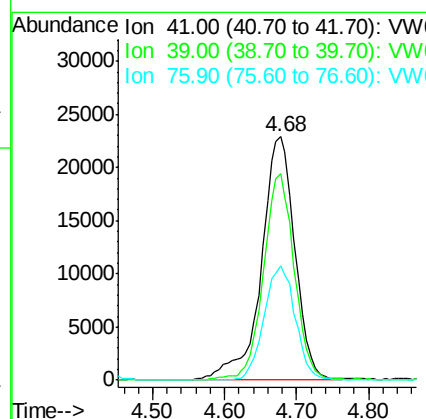
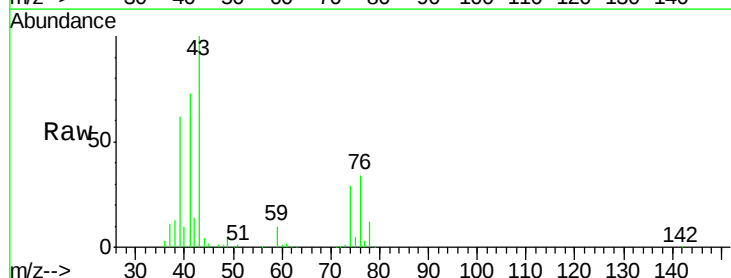
Manual Integrations  
APPROVED

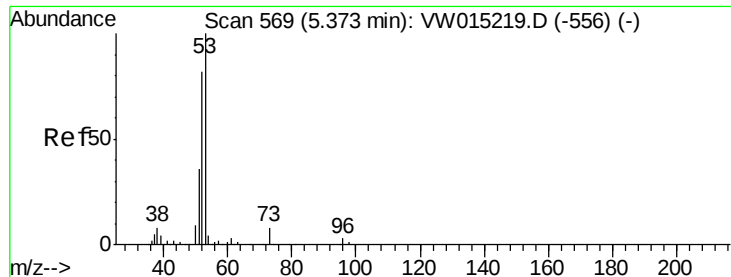
MMDadoda  
4/23/2020 1:33:01 PM



#14  
Allyl chloride  
Concen: 45.853 ug/l  
RT: 4.68 min Scan# 455  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 79.0  | 54.0  | 81.0  |
| 76      | 44.0  | 31.8  | 47.6  |





#15

Acrylonitrile

Concen: 375.501 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

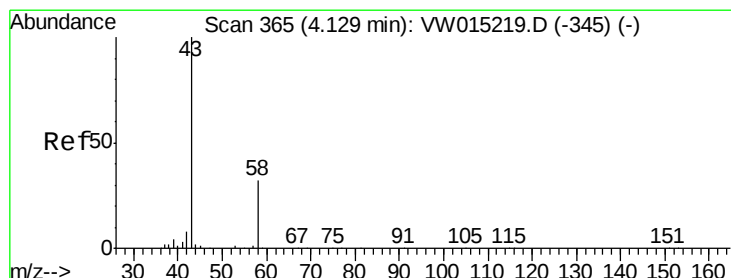
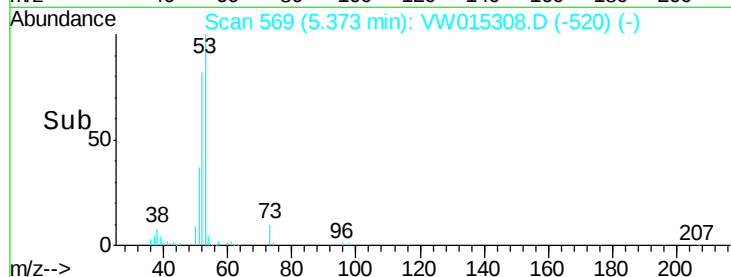
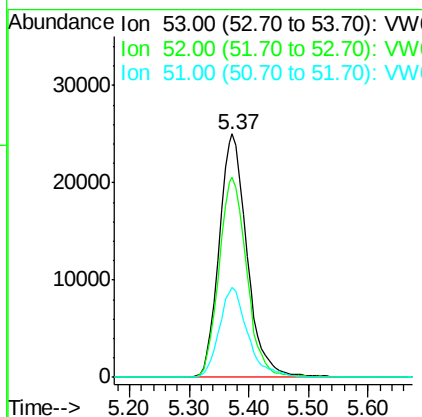
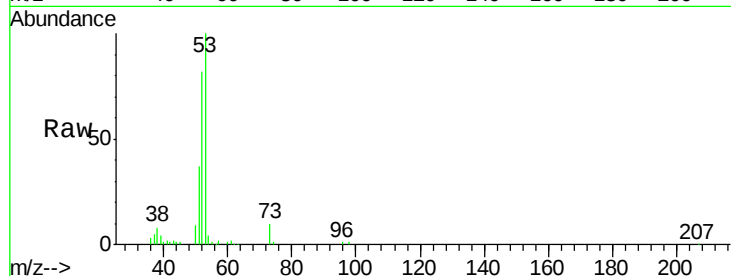
ClientSampleId :

WB-4-1MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 81418 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.5  | 65.2  | 97.8  |
| 51       | 37.8  | 28.2  | 42.4  |

Manual Integrations  
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MMDadoda  
4/23/2020 1:33:01 PM



#16

Acetone

Concen: 454.650 ug/l

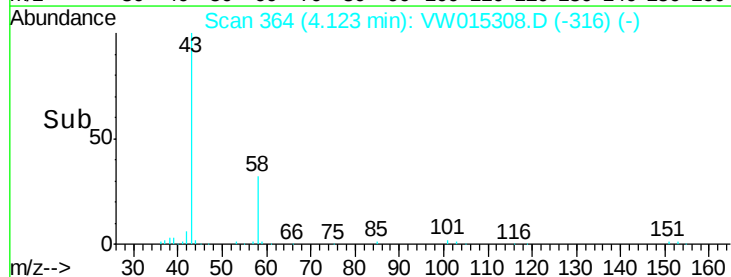
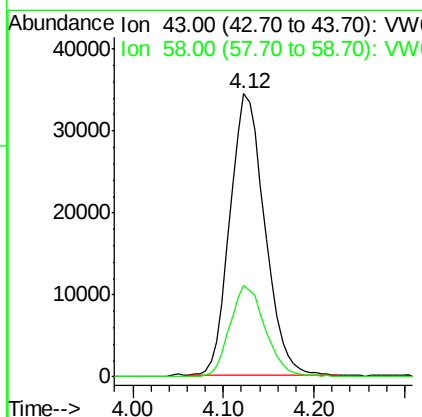
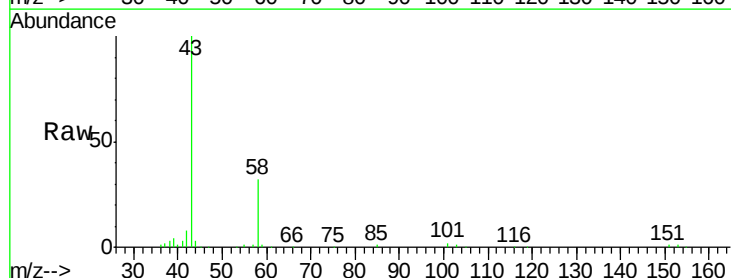
RT: 4.12 min Scan# 364

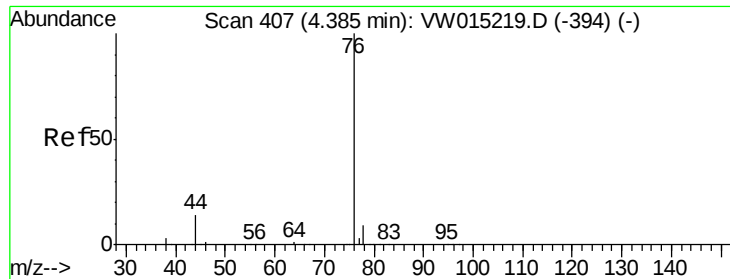
Delta R.T. -0.01 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 91730 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.3  | 27.0  | 40.4  |





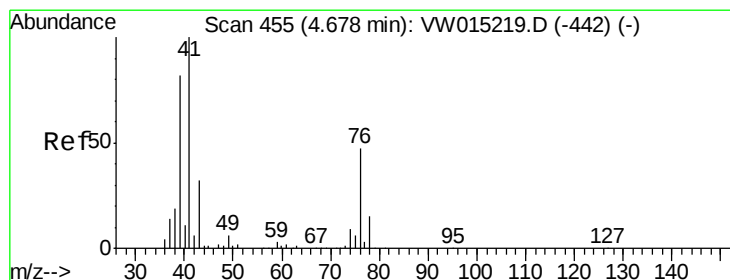
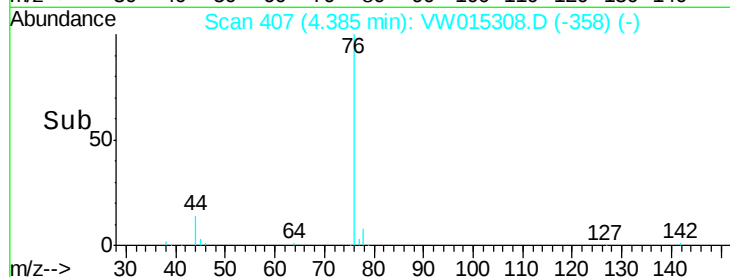
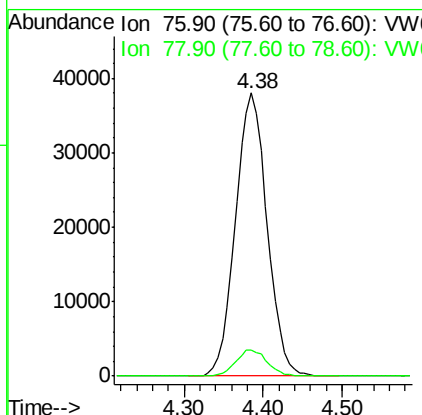
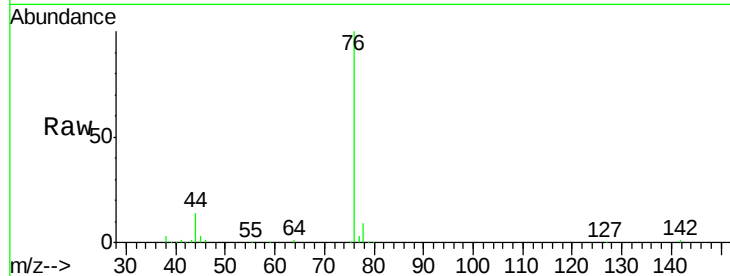
#17  
Carbon Disulfide  
Concen: 29.651 ug/l  
RT: 4.38 min Scan# 407  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.0   | 10.6  |

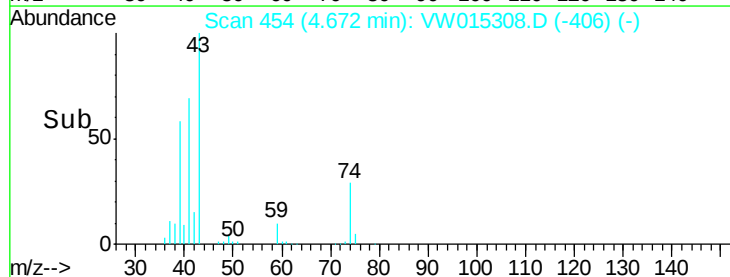
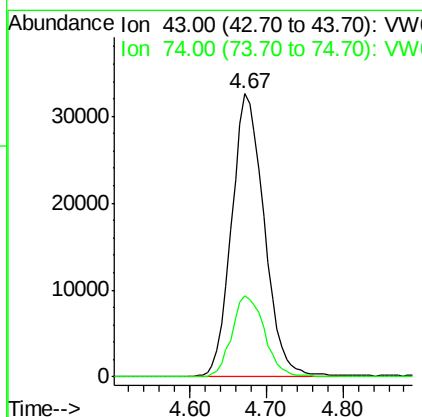
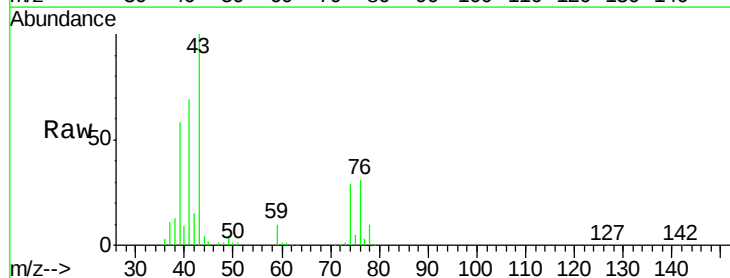
Manual Integrations  
APPROVED

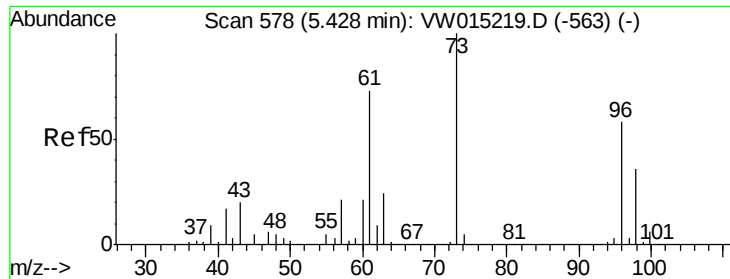
MMDadoda  
4/23/2020 1:33:01 PM



#18  
Methyl Acetate  
Concen: 179.123 ug/l  
RT: 4.67 min Scan# 454  
Delta R.T. -0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 29.0  | 20.6  | 31.0  |





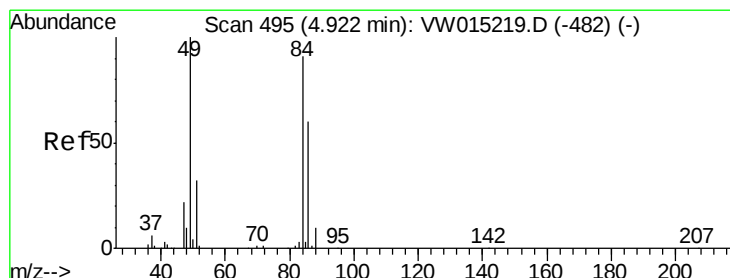
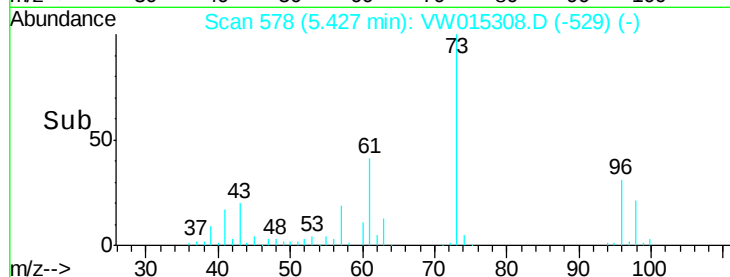
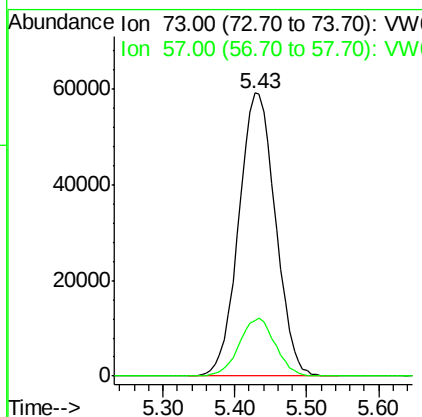
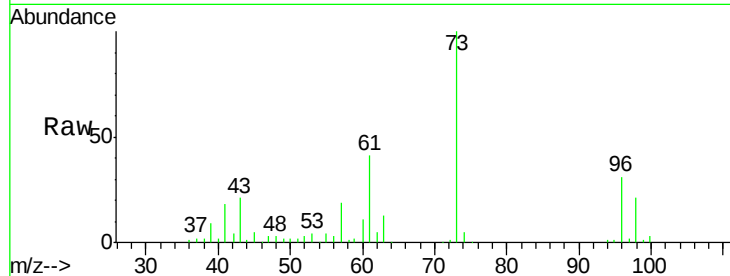
#19  
Methyl tert-butyl Ether  
Concen: 75.843 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

Tot Ion: 73 Resp: 209771  
Ion Ratio Lower Upper  
73 100  
57 19.4 17.8 26.6

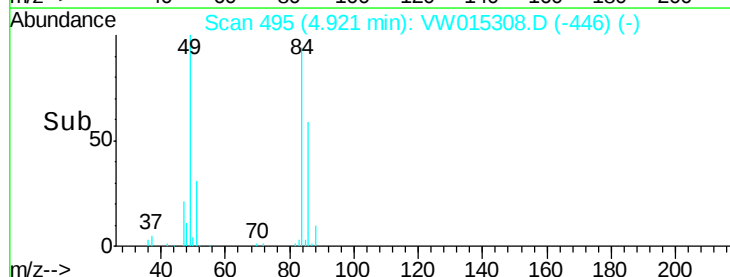
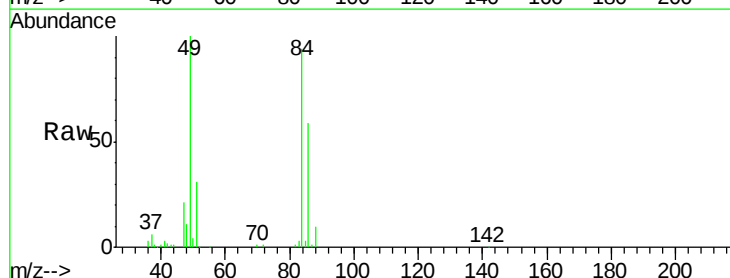
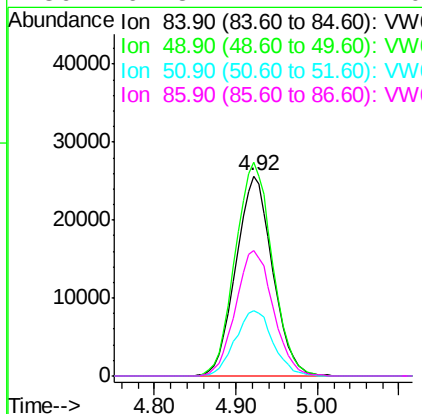
Manual Integrations  
APPROVED

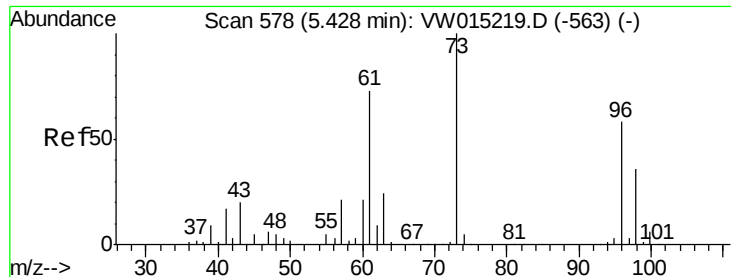
MMDadoda  
4/23/2020 1:33:01 PM



#20  
Methylene Chloride  
Concen: 60.629 ug/l  
RT: 4.92 min Scan# 495  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Tgt Ion: 84 Resp: 80169  
Ion Ratio Lower Upper  
84 100  
49 106.9 95.4 143.0  
51 32.8 29.8 44.8  
86 62.8 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 41.339 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion: 96 Resp: 56488

Ion Ratio Lower Upper

96 100

61 131.2 107.8 161.6

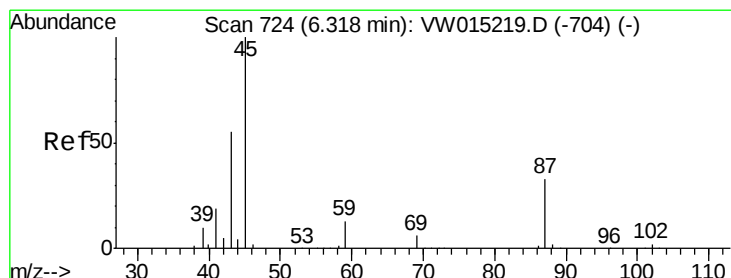
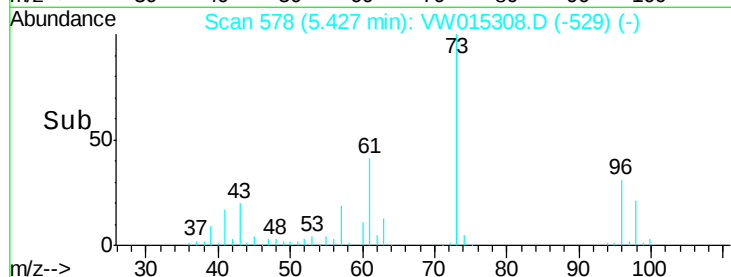
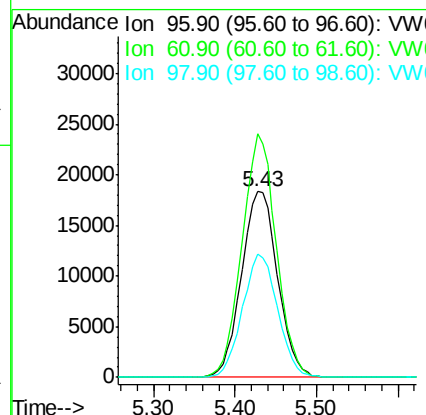
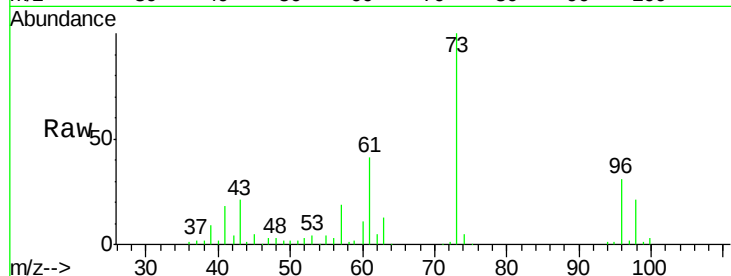
98 66.3 50.2 75.2

Manual Integrations

APPROVED

MMDadoda

4/23/2020 1:33:01 PM



#22

Diisopropyl ether

Concen: 69.382 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Tgt Ion: 45 Resp: 212748

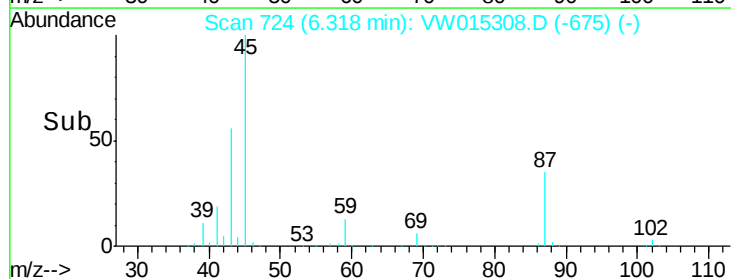
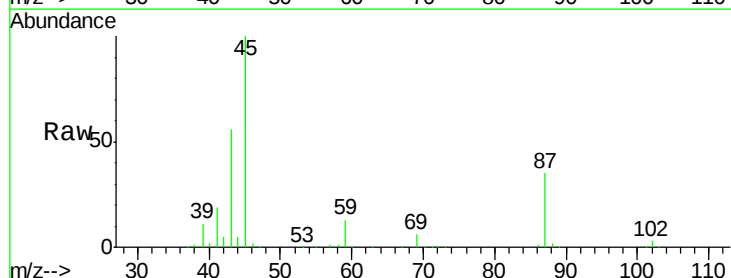
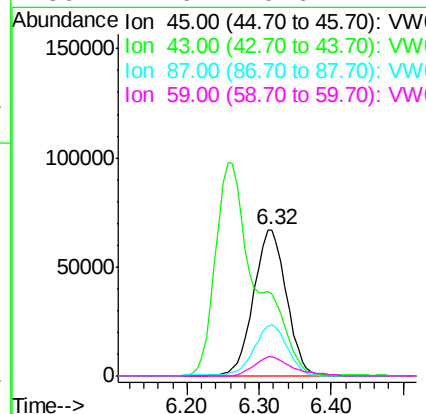
Ion Ratio Lower Upper

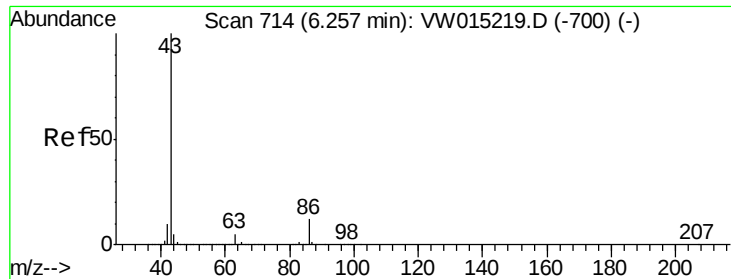
45 100

43 55.5 41.8 62.6

87 35.2 23.2 34.8#

59 12.6 9.6 14.4





#23

Vinyl Acetate

Concen: 215.761 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampled :

WB-4-1MSD

Tot Ion: 43 Resp: 388241

Ion Ratio Lower Upper

43 100

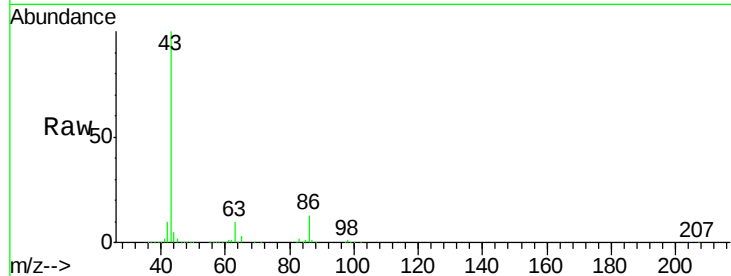
86 13.3 9.1 13.7

Manual Integrations

APPROVED

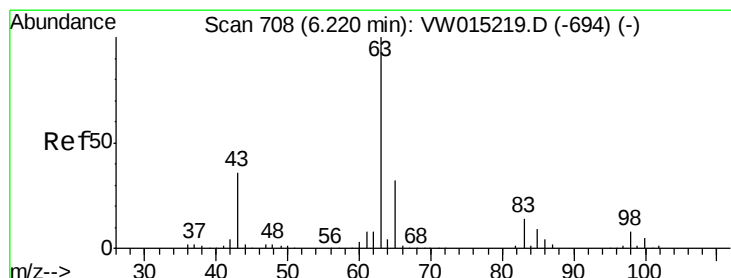
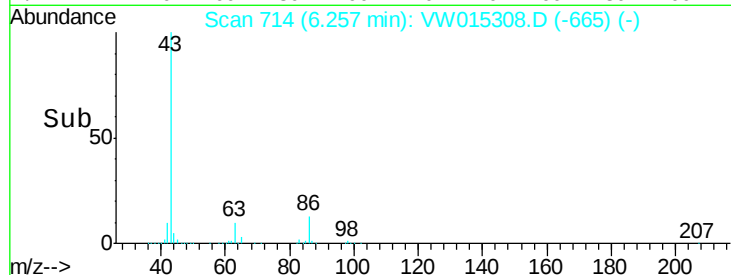
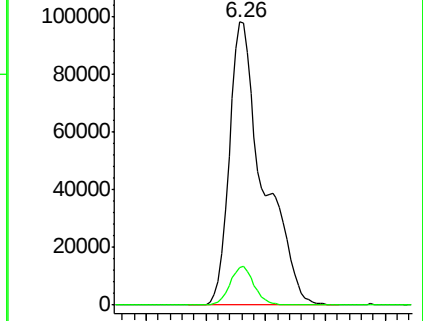
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 61.599 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

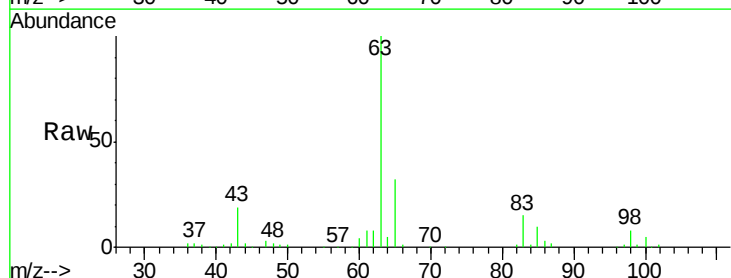
Tgt Ion: 63 Resp: 130906

Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

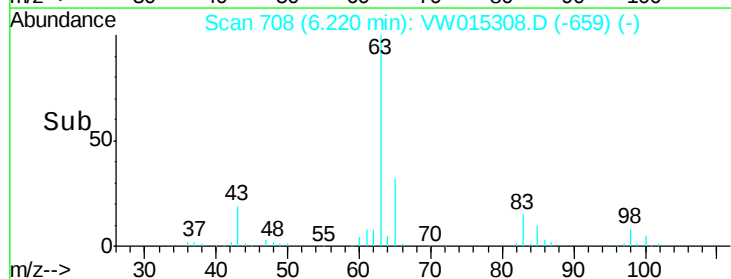
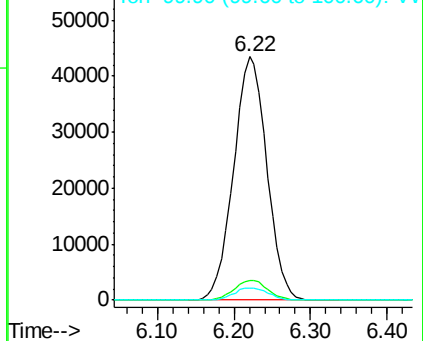
100 4.8 2.4 7.2

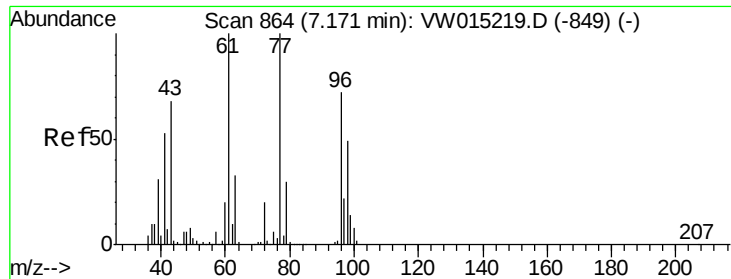


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 405.797 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion: 43 Resp: 108624

Ion Ratio Lower Upper

43 100

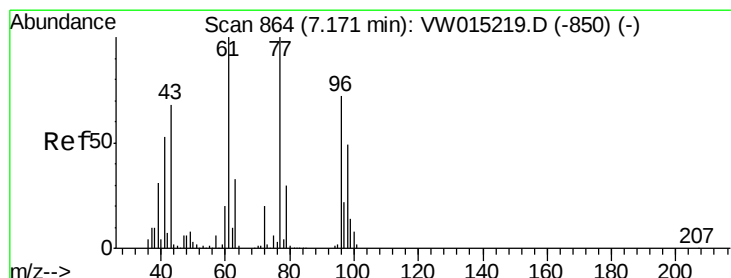
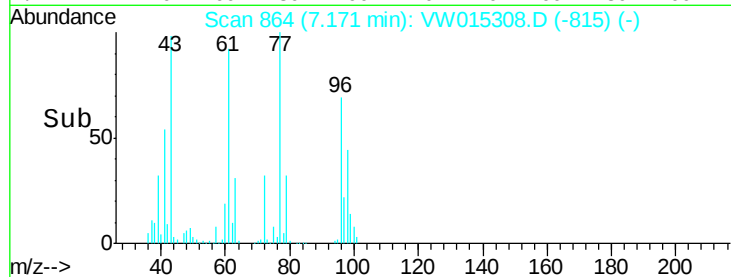
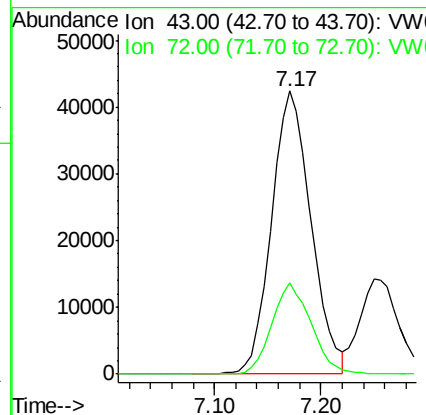
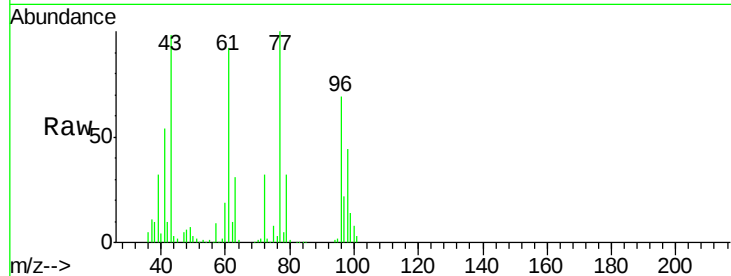
72 32.4 21.6 32.4#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 56.691 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015308.D

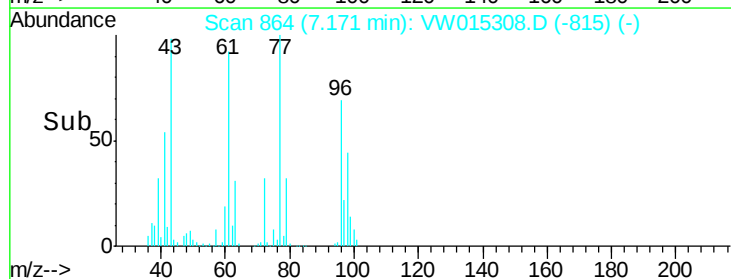
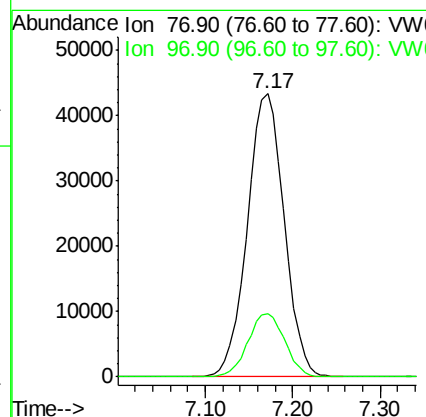
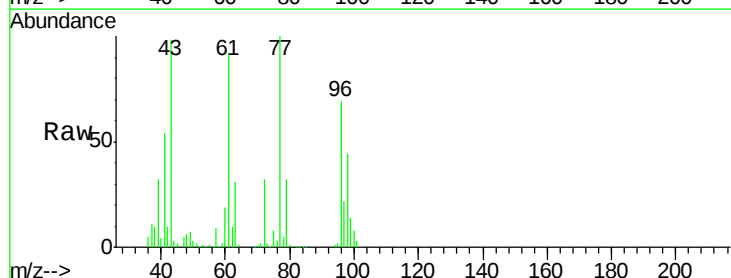
Acq: 22 Apr 2020 15:14

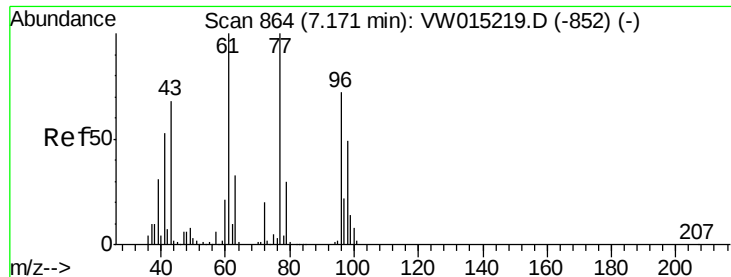
Tgt Ion: 77 Resp: 126745

Ion Ratio Lower Upper

77 100

97 22.4 11.9 35.5





#27

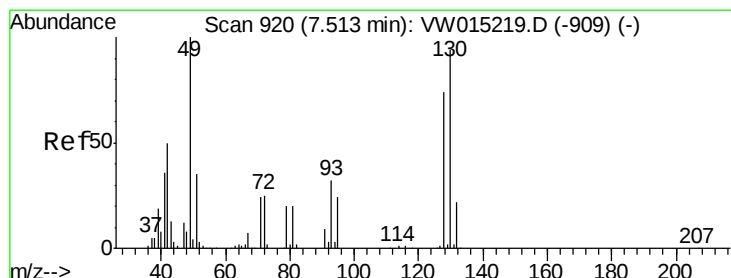
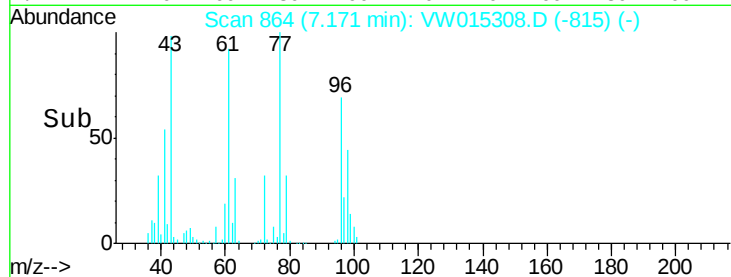
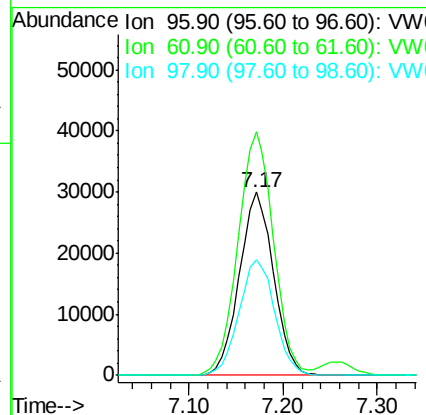
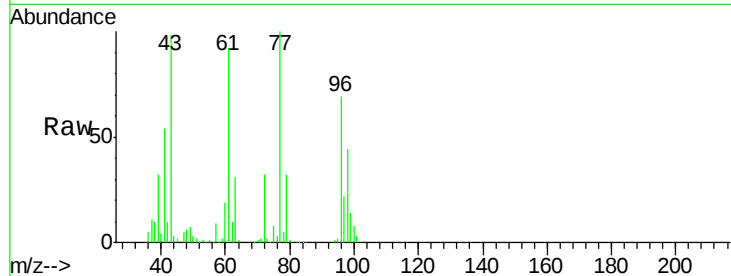
cis-1,2-Dichloroethene  
Concen: 51.515 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampled :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 138.5 | 0.0   | 275.0 |
| 98      | 65.7  | 0.0   | 130.8 |

Manual Integrations  
APPROVED

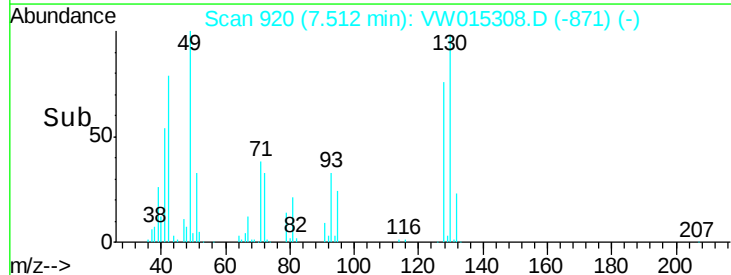
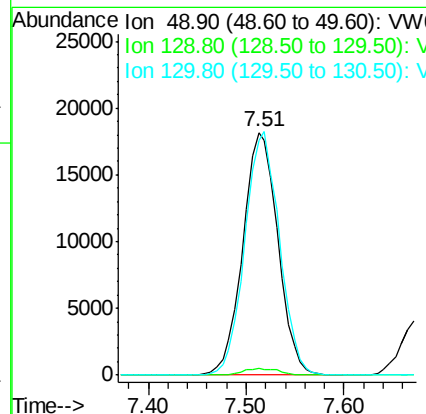
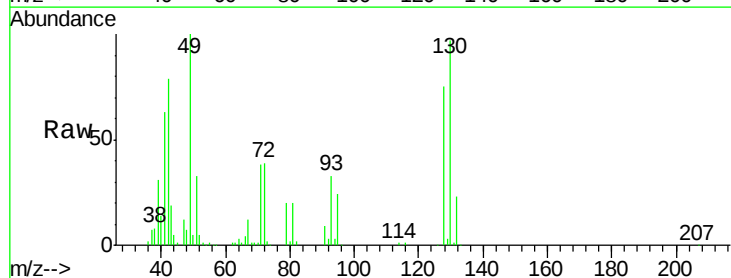
MMDadoda  
4/23/2020 1:33:01 PM

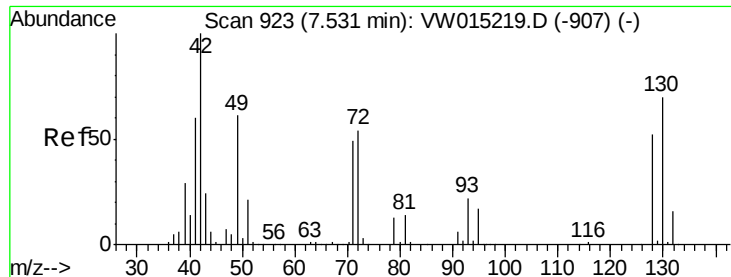


#28

Bromochloromethane  
Concen: 58.403 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.8   | 0.0   | 4.6   |
| 130     | 99.0  | 60.9  | 91.3# |





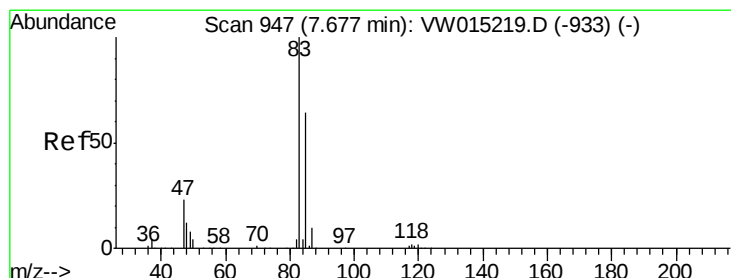
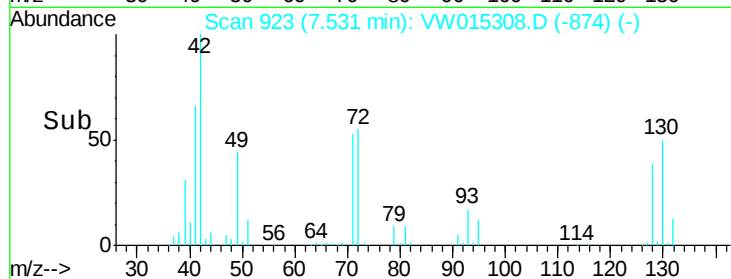
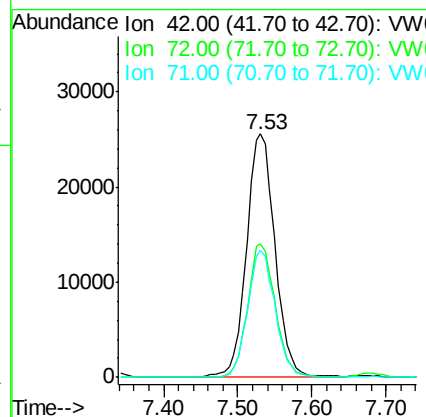
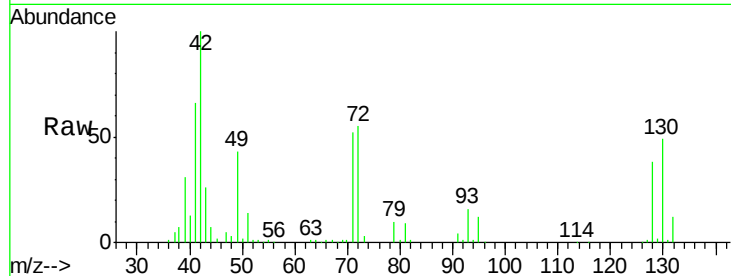
#29  
Tetrahydrofuran  
Concen: 412.000 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 53.0  | 36.2  | 54.2  |
| 71      | 50.3  | 34.2  | 51.4  |

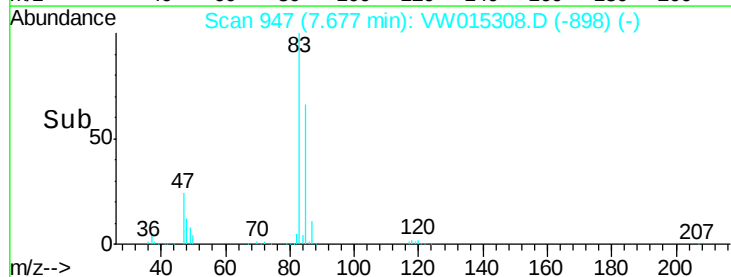
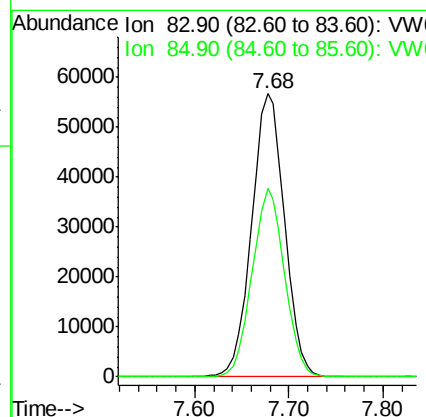
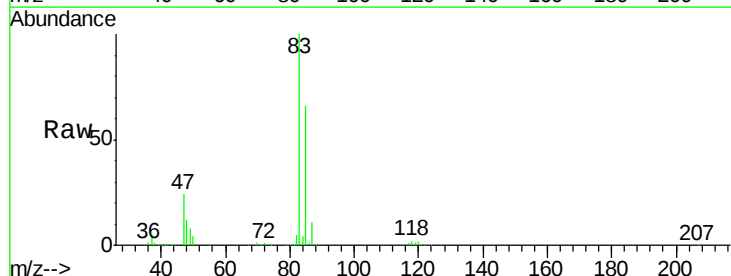
Manual Integrations  
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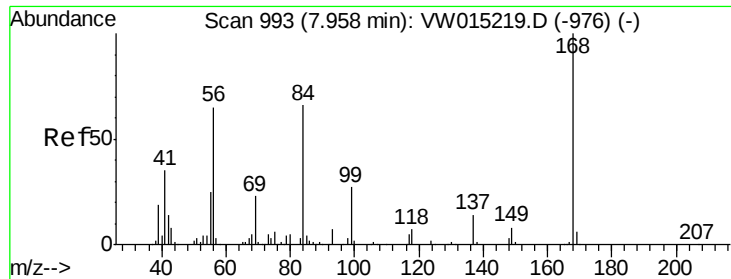
MMDadoda  
4/23/2020 1:33:01 PM



#30  
Chloroform  
Concen: 60.658 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.4  | 50.9  | 76.3  |





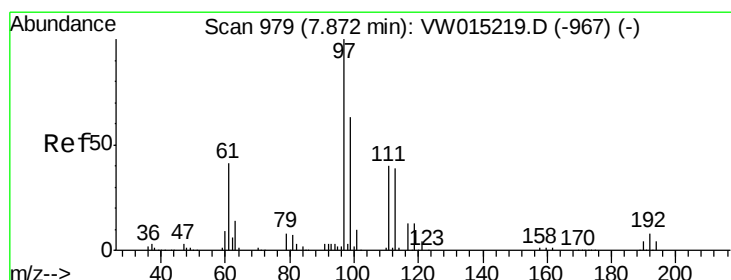
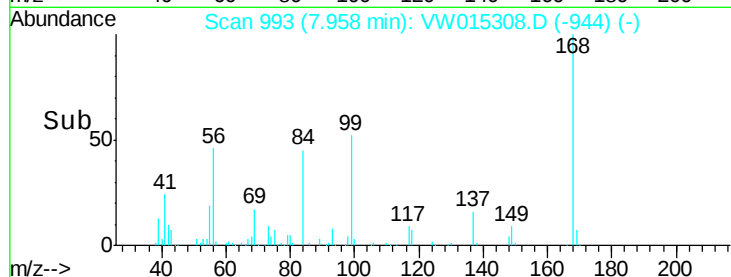
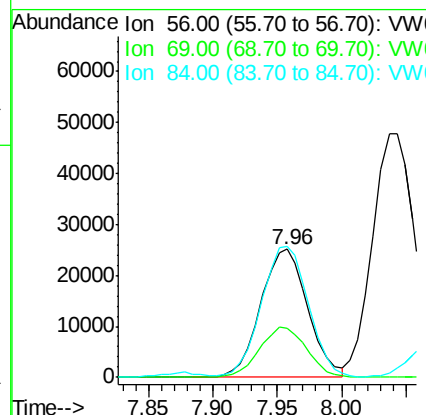
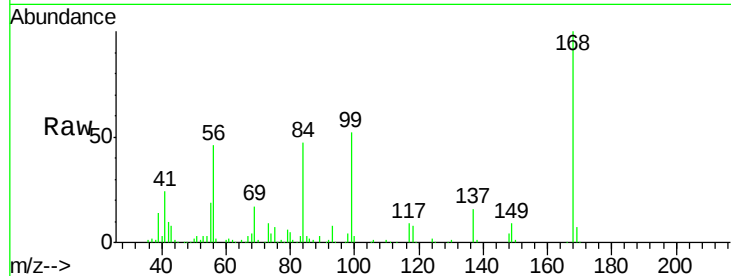
#31  
Cvclohexane  
Concen: 29.897 ug/l  
RT: 7.96 min Scan# 993  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 37.7  | 27.1  | 40.7  |
| 84      | 99.9  | 71.9  | 107.9 |

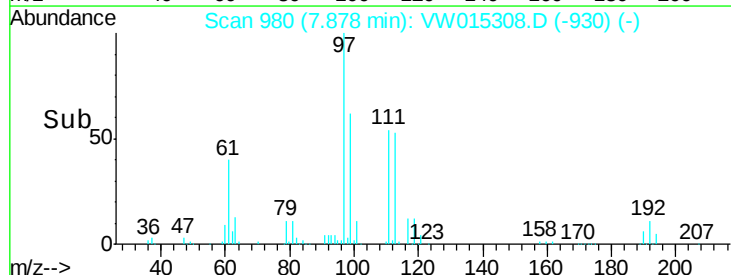
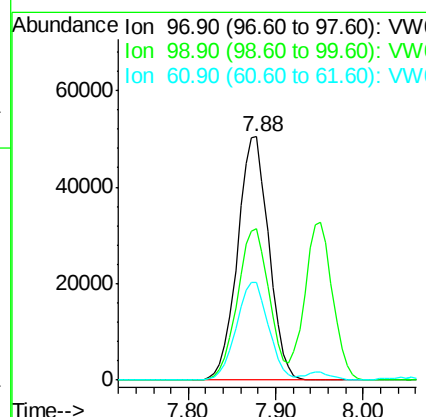
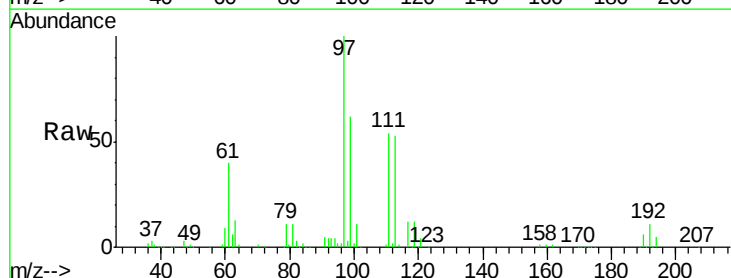
Manual Integrations  
APPROVED

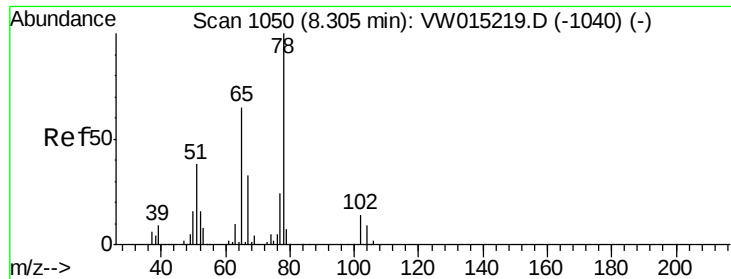
MMDadoda  
4/23/2020 1:33:01 PM



#32  
1,1,1-Trichloroethane  
Concen: 56.660 ug/l  
RT: 7.88 min Scan# 980  
Delta R.T. 0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.7  | 52.2  | 78.2  |
| 61      | 41.2  | 34.2  | 51.2  |





#33

1,2-Dichloroethane-d4

Concen: 64.124 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion: 65 Resp: 74072

Ion Ratio Lower Upper

65 100

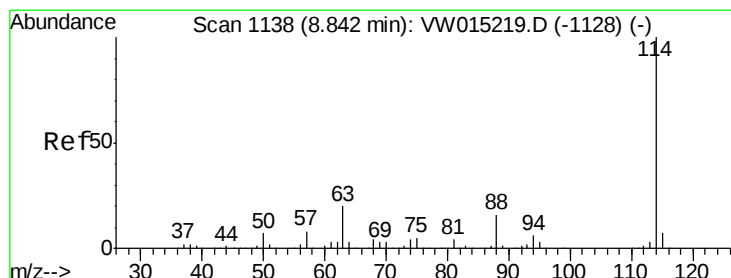
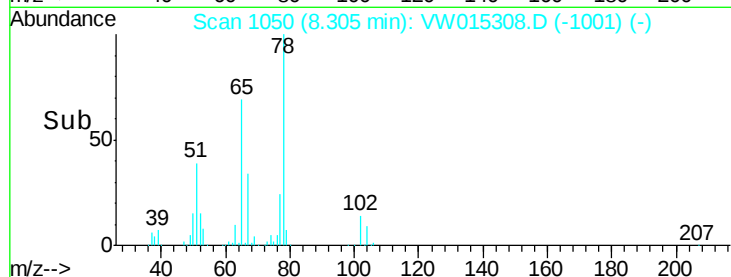
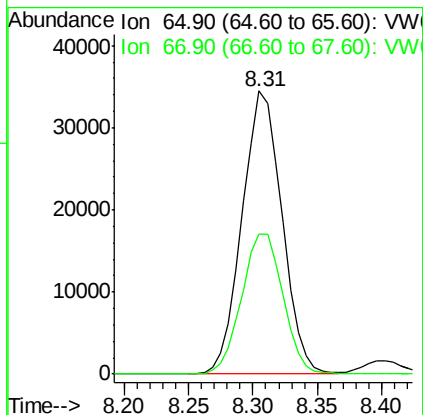
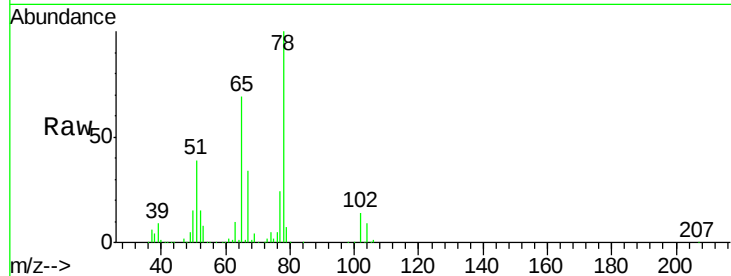
67 51.3 0.0 107.0

Manual Integrations

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4/23/2020 1:33:01 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

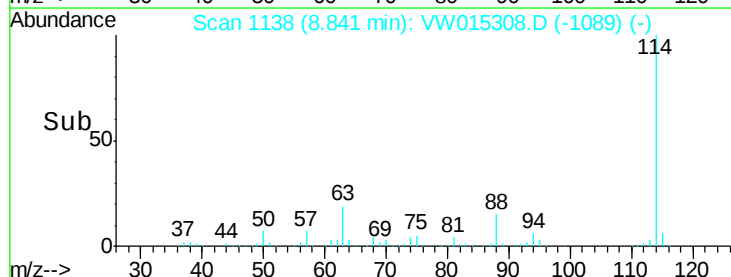
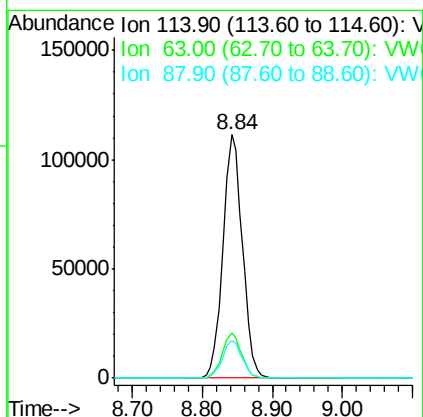
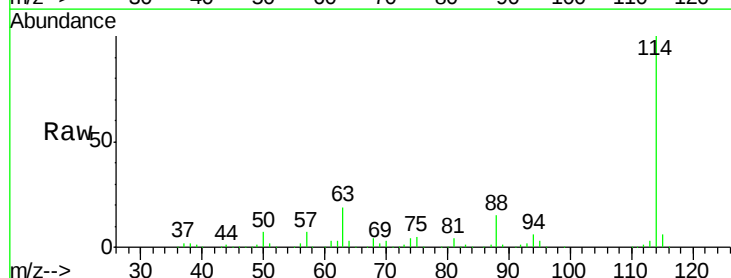
Tgt Ion: 114 Resp: 214675

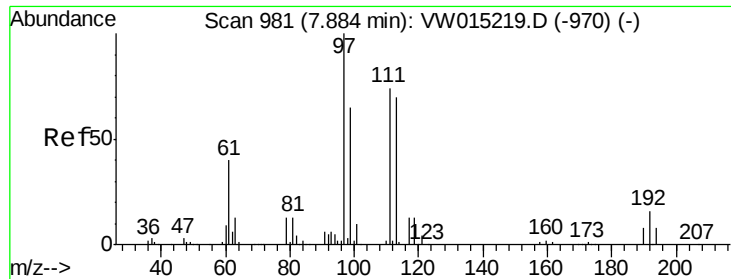
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.8

88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 59.460 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

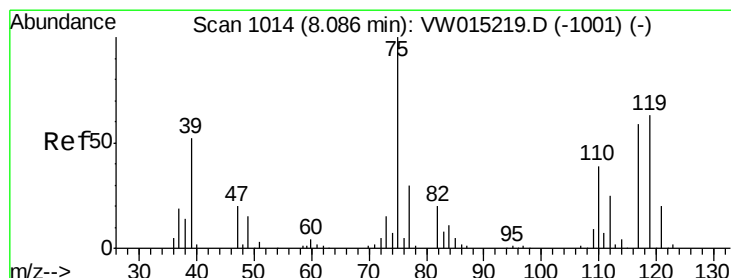
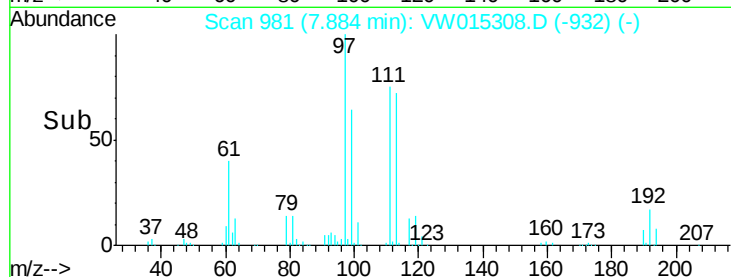
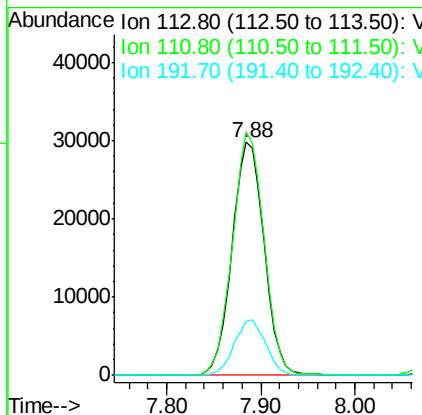
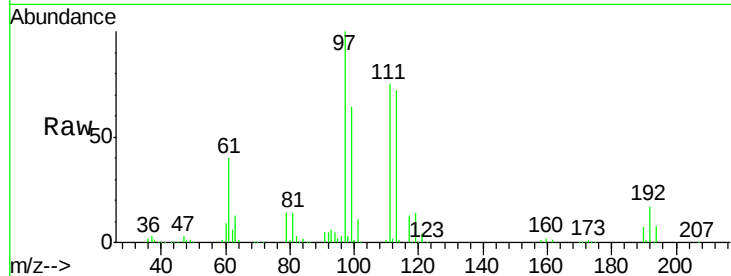
ClientSampleId :

WB-4-1MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 70705 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.7 | 83.0  | 124.4 |
| 192      | 23.3  | 15.1  | 22.7# |

Manual Integrations  
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4/23/2020 1:33:01 PM



#36

1,1-Dichloropropene

Concen: 37.127 ug/l

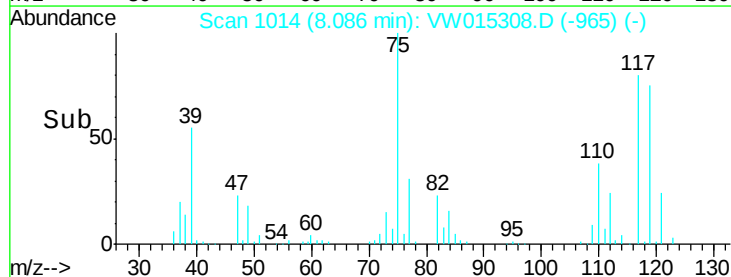
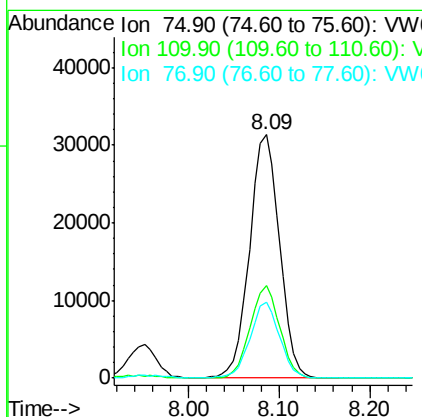
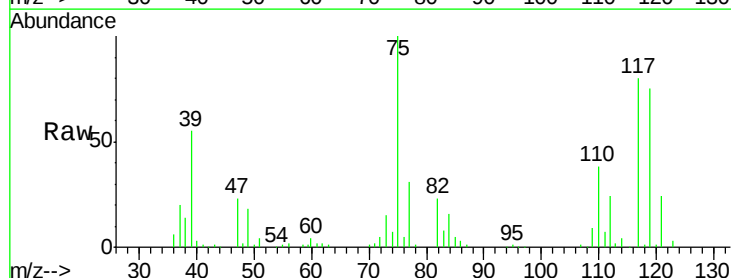
RT: 8.09 min Scan# 1014

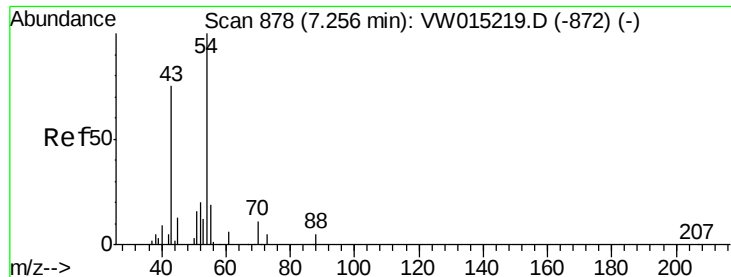
Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 71936 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.2  | 18.2  | 54.6  |
| 77       | 30.7  | 24.5  | 36.7  |





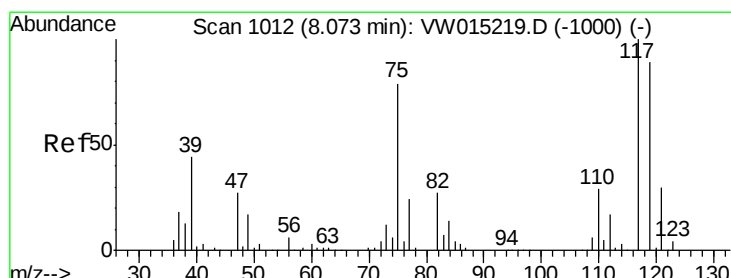
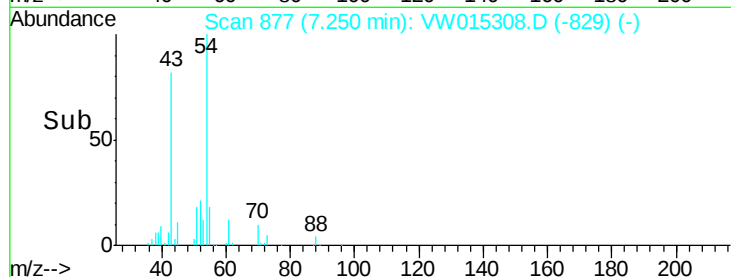
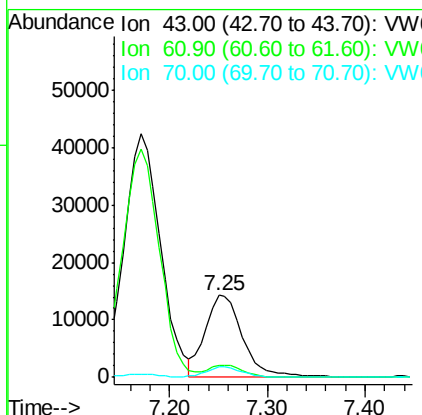
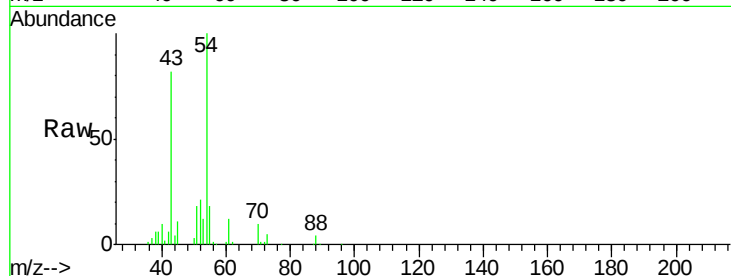
#37  
Ethyl Acetate  
Concen: 58.953 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.7  | 11.9  | 17.9  |
| 70      | 12.5  | 8.8   | 13.2  |

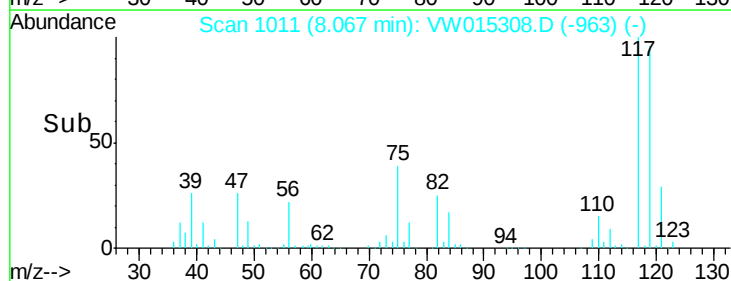
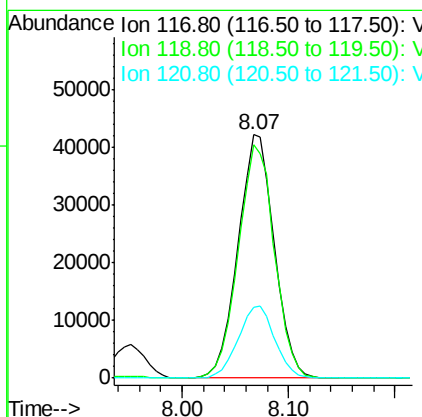
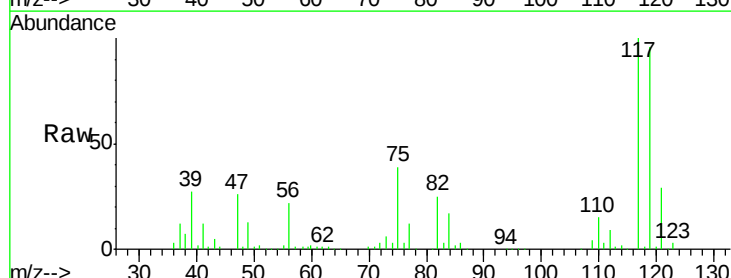
Manual Integrations  
APPROVED

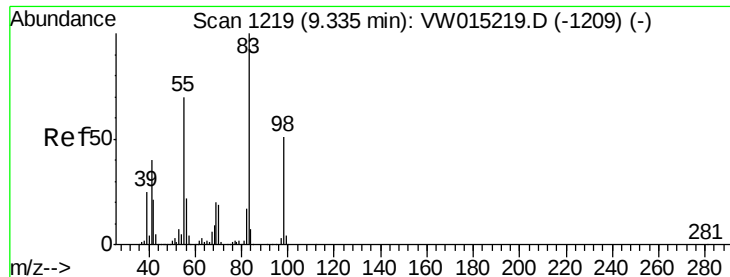
MMDadoda  
4/23/2020 1:33:01 PM



#38  
Carbon Tetrachloride  
Concen: 47.534 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.1  | 72.3  | 108.5 |
| 121     | 29.2  | 23.7  | 35.5  |





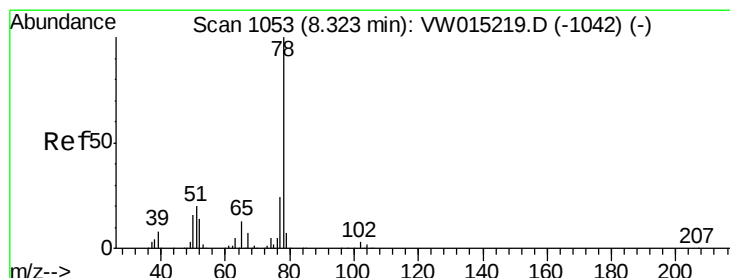
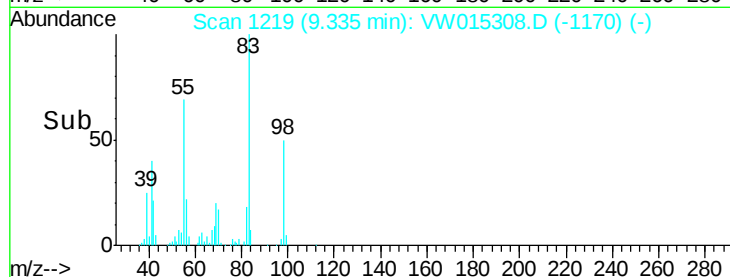
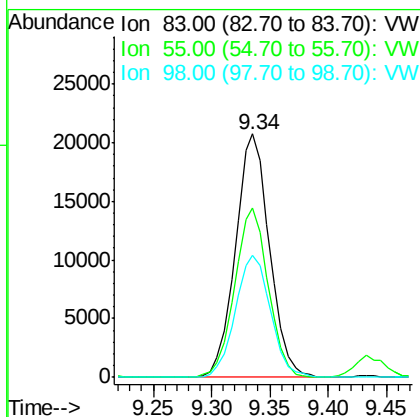
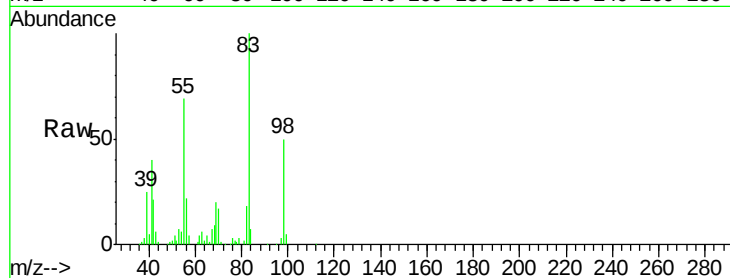
#39  
Methvlcvclohexane  
Concen: 16.318 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 69.1  | 58.1  | 87.1  |
| 98      | 49.9  | 40.2  | 60.4  |

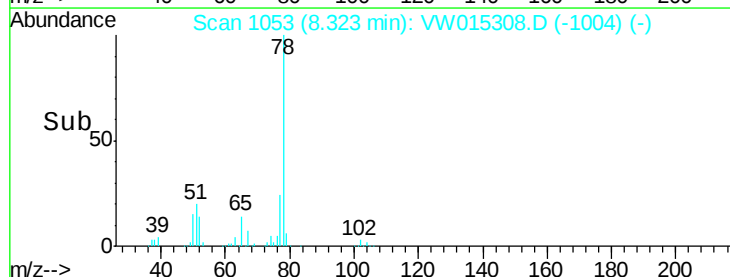
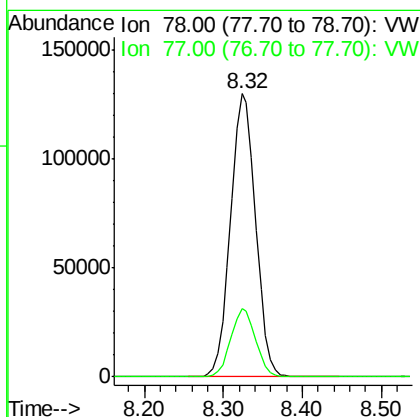
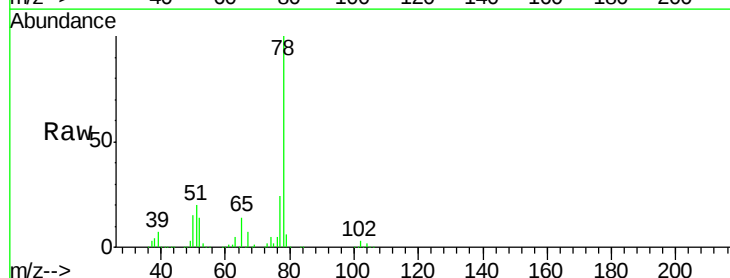
Manual Integrations  
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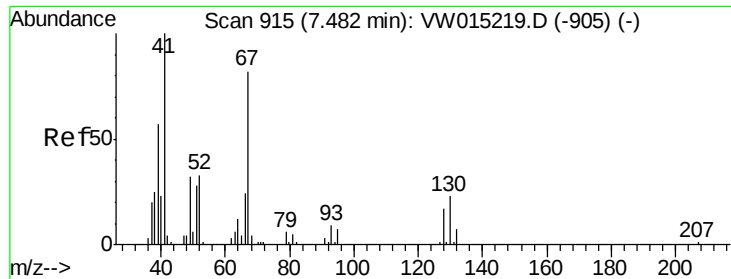
MMDadoda  
4/23/2020 1:33:01 PM



#40  
Benzene  
Concen: 55.536 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 18.2  | 27.2  |





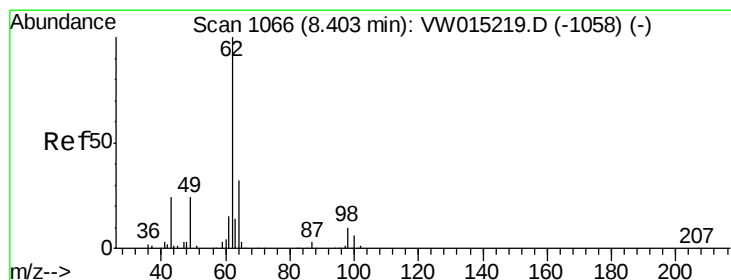
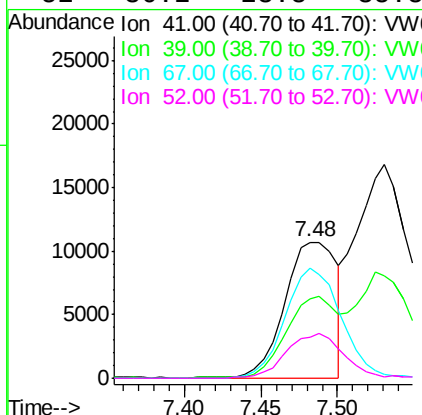
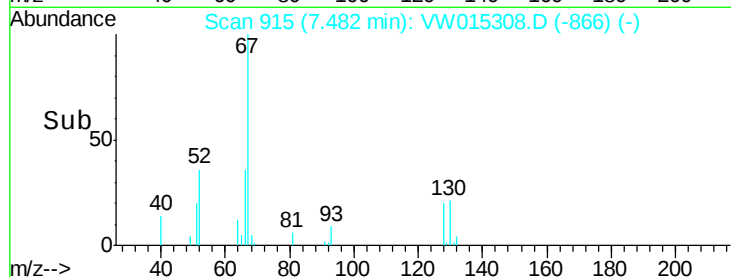
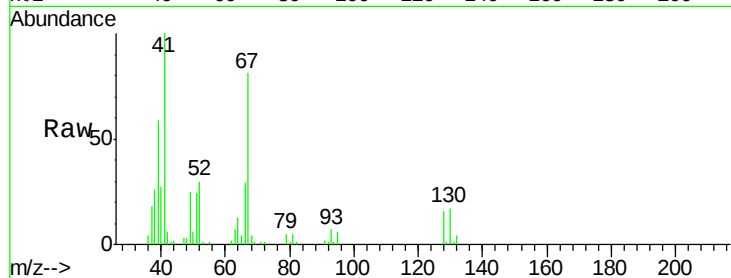
#41  
Methacrylonitrile  
Concen: 67.145 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 25334   | 41  | 100   |       |       |
|         | 39  | 57.8  | 41.9  | 62.9  |
|         | 67  | 87.8  | 60.6  | 91.0  |
|         | 52  | 36.2  | 23.8  | 35.8  |

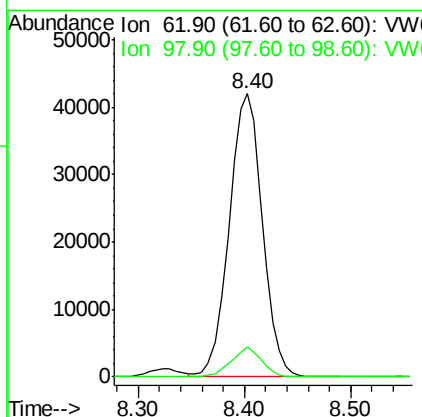
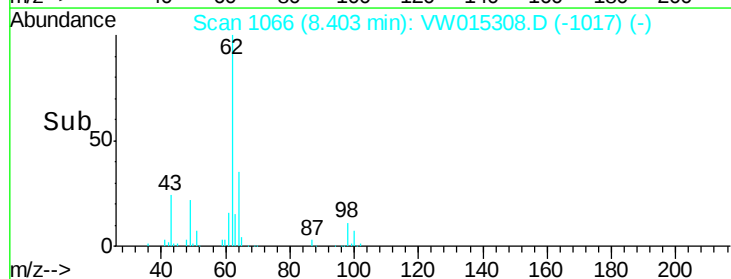
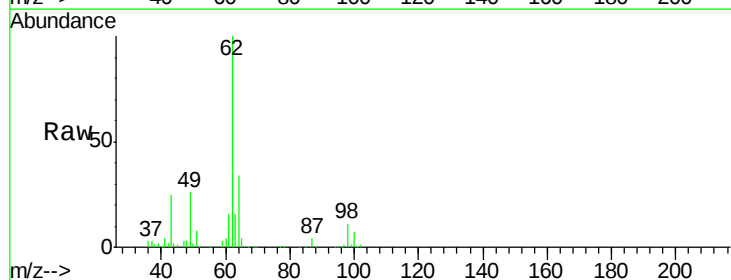
Manual Integrations  
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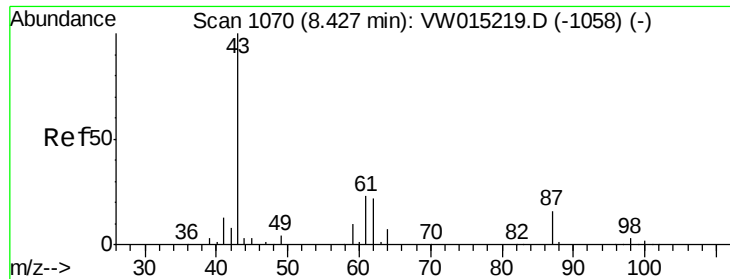
MMDadoda  
4/23/2020 1:33:01 PM



#42  
1,2-Dichloroethane  
Concen: 60.125 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 91611   | 62  | 100   |       |       |
|         | 98  | 9.6   | 0.0   | 20.4  |





#43

Isopropyl Acetate

Concen: 61.765 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

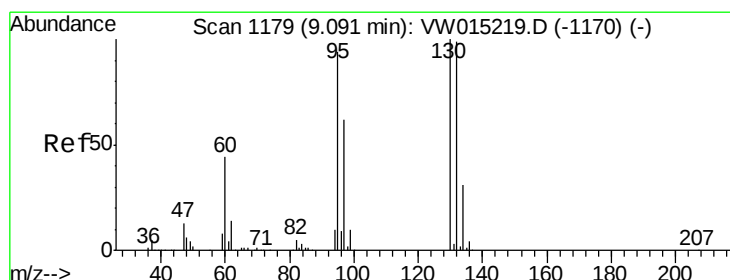
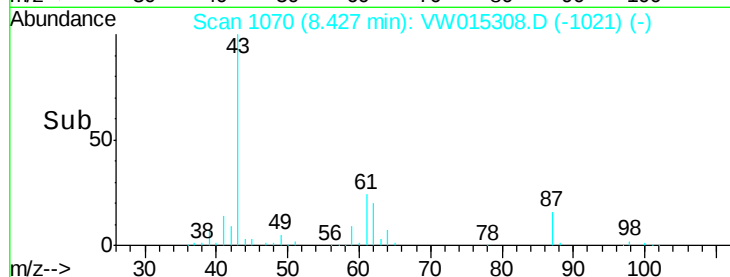
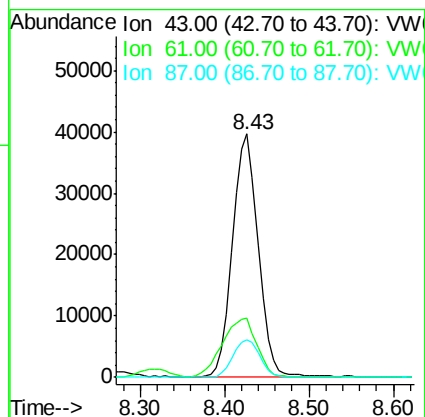
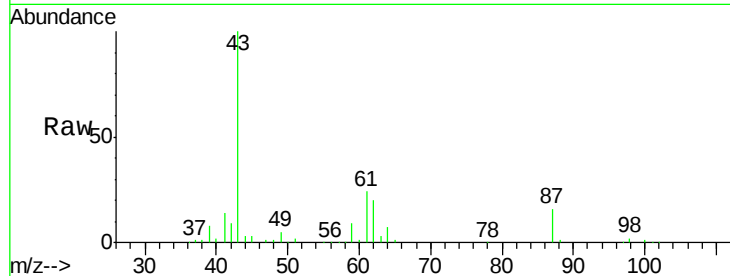
ClientSampleId :

WB-4-1MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 81460 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 33.0  | 24.8  | 37.2  |
| 87       | 16.1  | 11.4  | 17.2  |

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4/23/2020 1:33:01 PM



#44

Trichloroethene

Concen: 38.164 ug/l

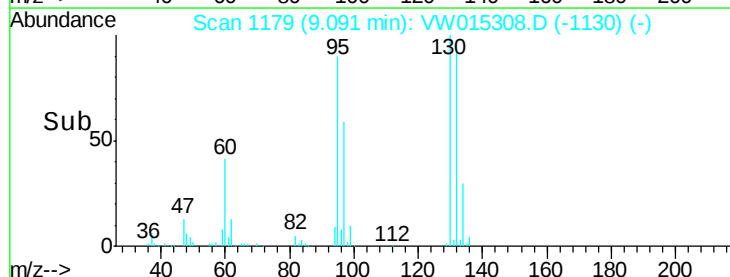
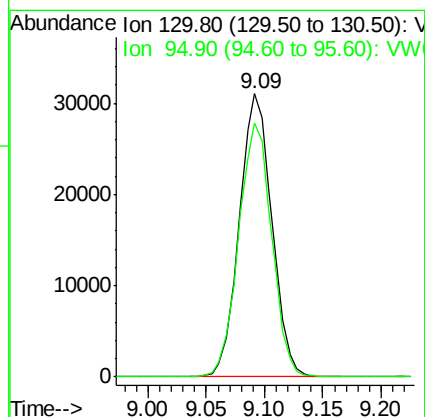
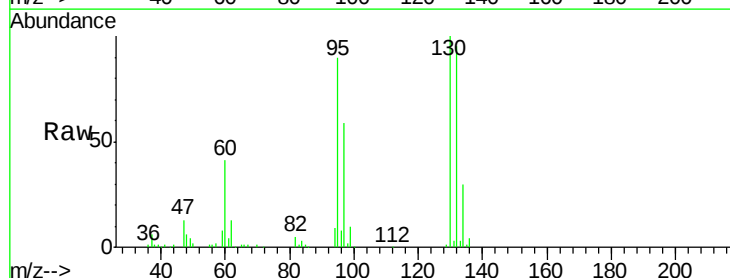
RT: 9.09 min Scan# 1179

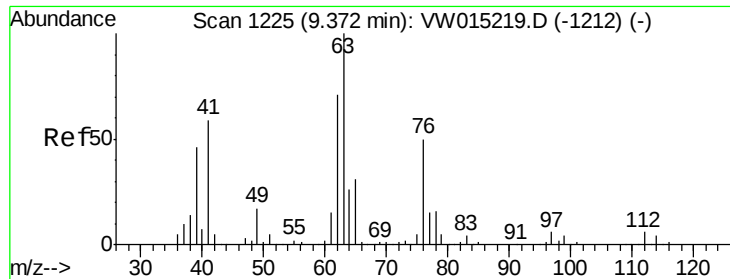
Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 60420 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 89.8  | 0.0   | 196.4 |





#45

1,2-Dichloropropane

Concen: 56.791 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampled :

WB-4-1MSD

Tot Ion: 63 Resp: 68355

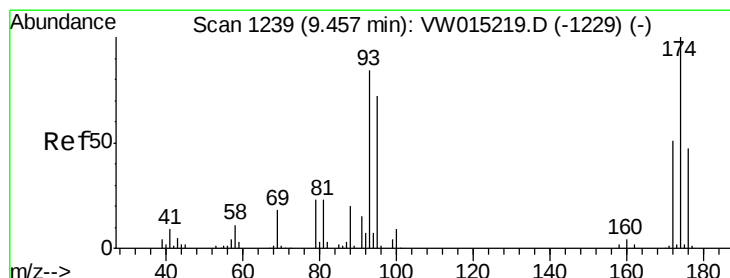
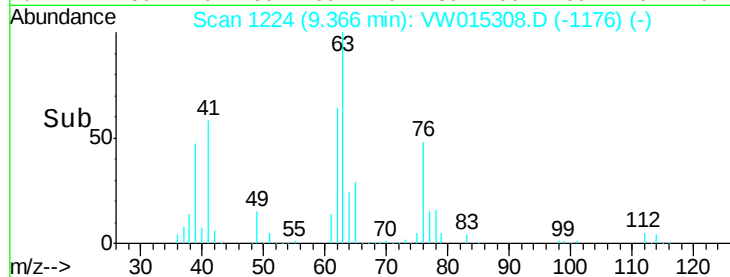
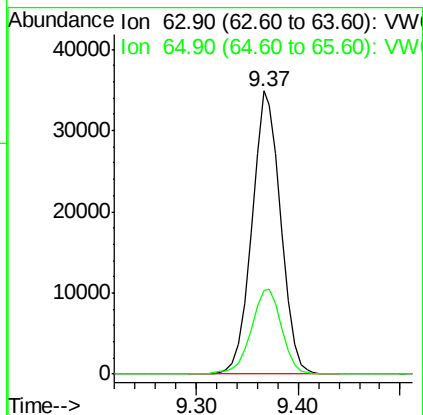
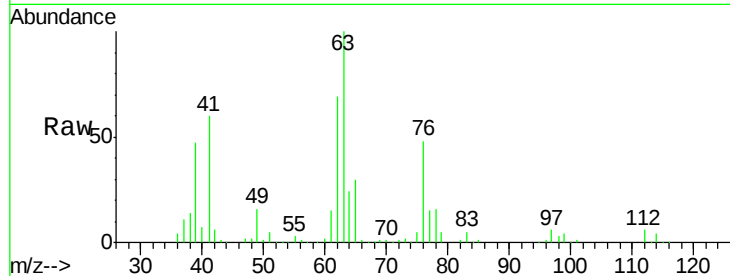
Ion Ratio Lower Upper

63 100

65 29.8 25.5 38.3

Manual Integrations  
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#46

Dibromomethane

Concen: 54.852 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

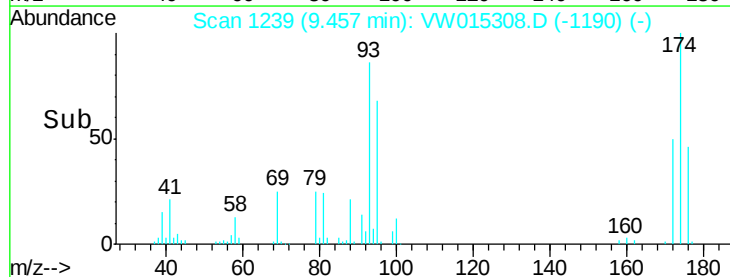
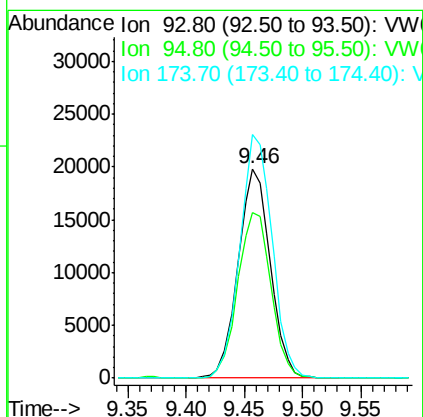
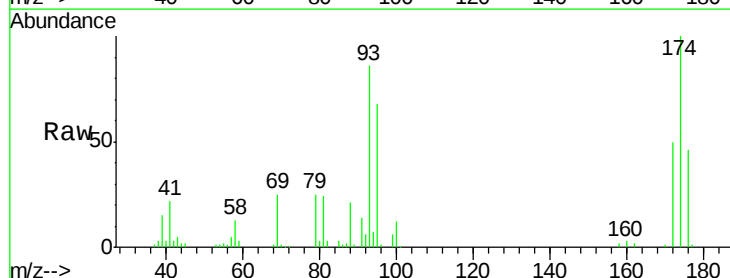
Tgt Ion: 93 Resp: 38191

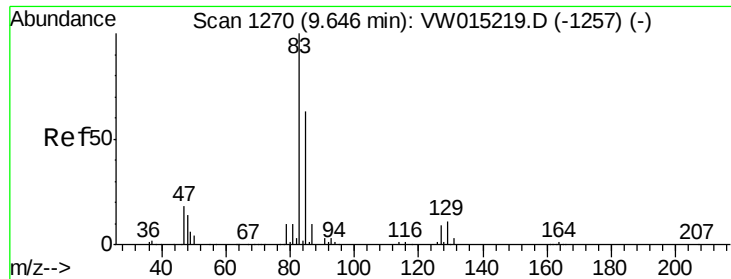
Ion Ratio Lower Upper

93 100

95 82.3 67.5 101.3

174 116.8 74.1 111.1#





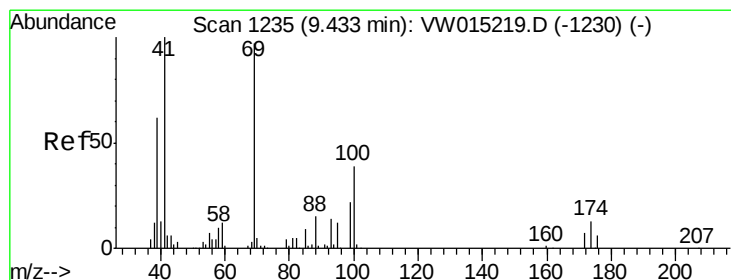
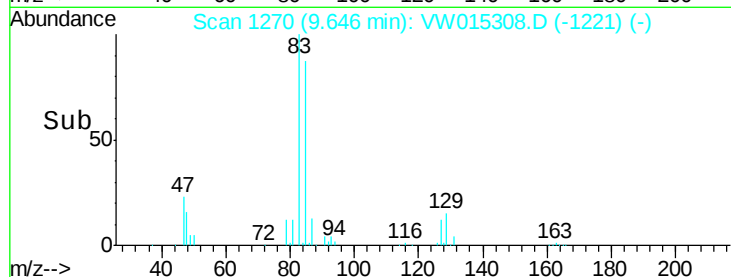
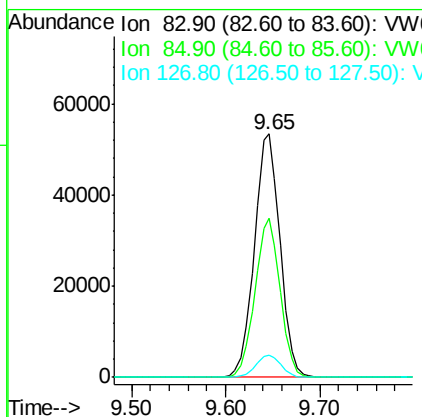
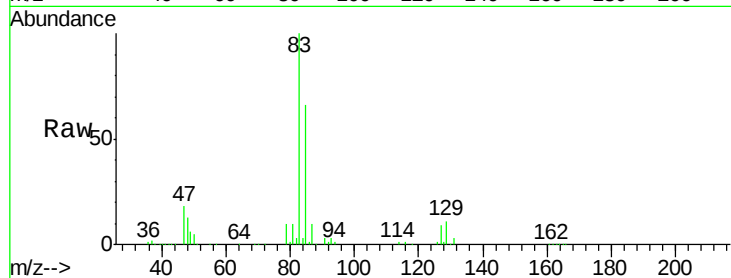
#47  
Bromodichloromethane  
Concen: 54.980 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 102333 |       |       |
| 85      | 65.6  |        | 50.6  | 76.0  |
| 127     | 8.9   |        | 6.7   | 10.1  |

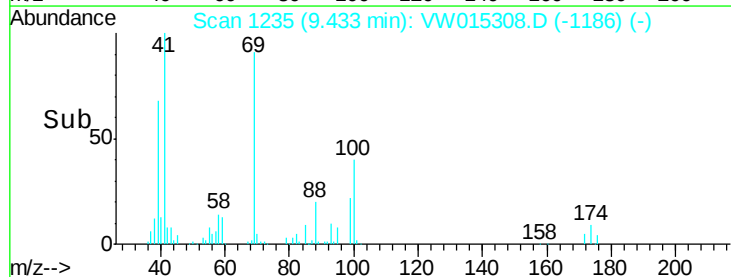
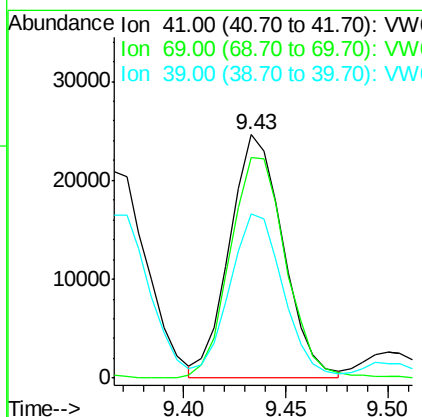
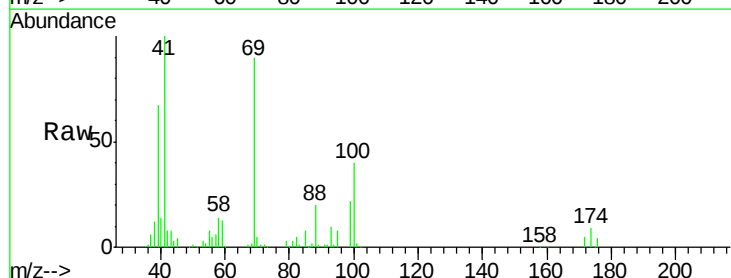
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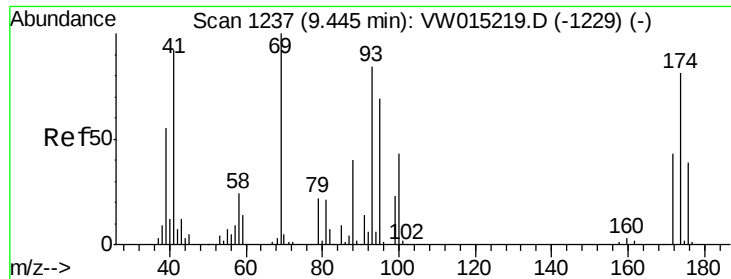
MMDadoda  
4/23/2020 1:33:01 PM



#48  
Methyl methacrylate  
Concen: 71.555 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 44612 |       |       |
| 69      | 95.3  |       | 70.6  | 105.8 |
| 39      | 67.9  |       | 42.6  | 64.0# |





#49

1,4-Dioxane

Concen: 1634.051 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

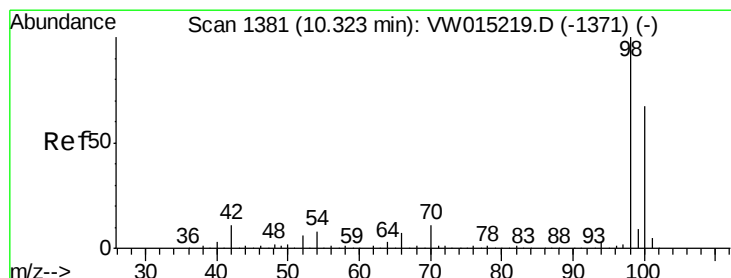
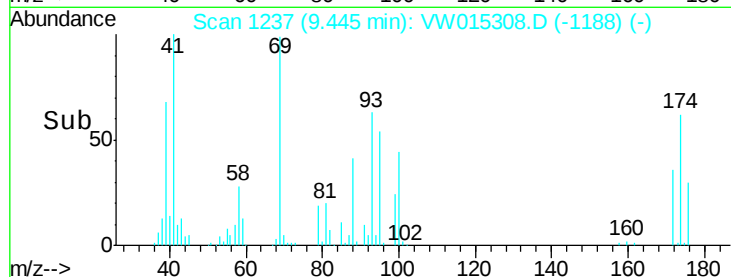
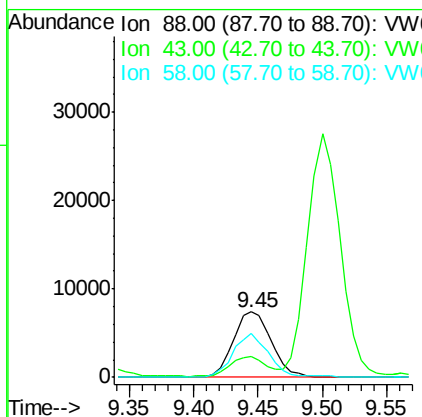
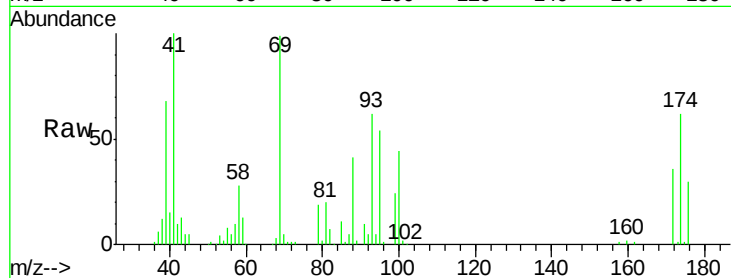
ClientSampleId :

WB-4-1MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 15167 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.2  | 23.5  | 35.3  |
| 58       | 62.2  | 55.4  | 83.2  |

Manual Integrations  
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4/23/2020 1:33:01 PM



#50

Toluene-d8

Concen: 44.764 ug/l

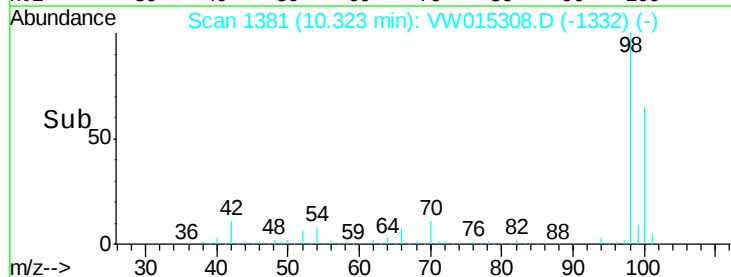
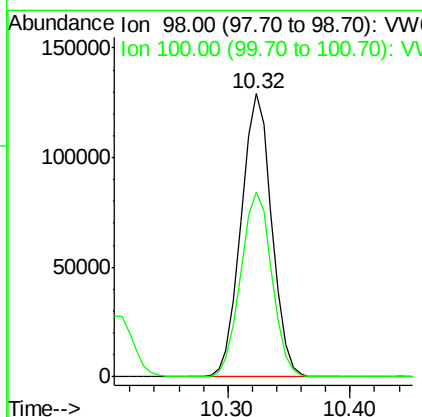
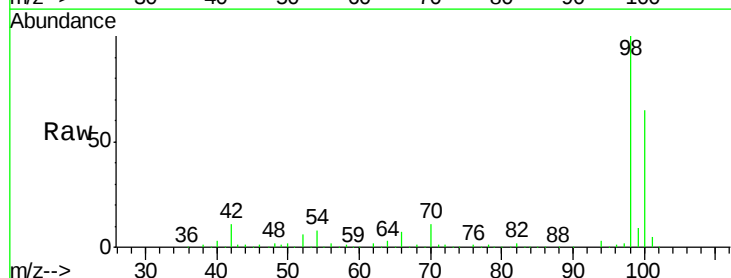
RT: 10.32 min Scan# 1381

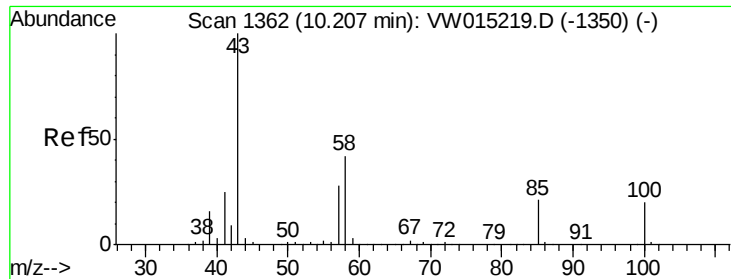
Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 223923 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.7  | 52.9  | 79.3   |





#51

4-Methyl-2-Pentanone

Concen: 380.221 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampled :

WB-4-1MSD

Tot Ion: 43 Resp: 235398

Ion Ratio Lower Upper

43 100

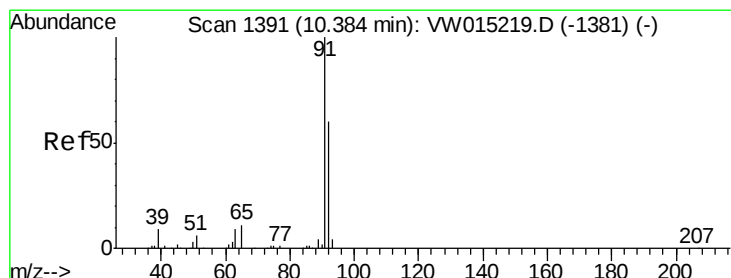
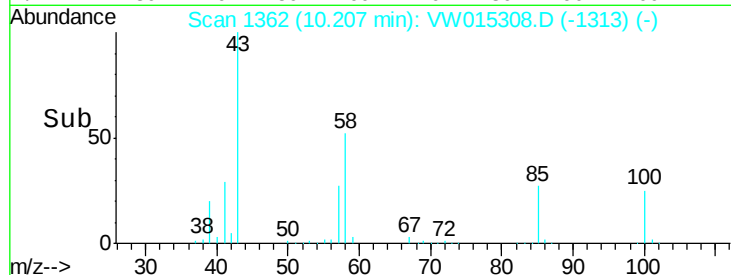
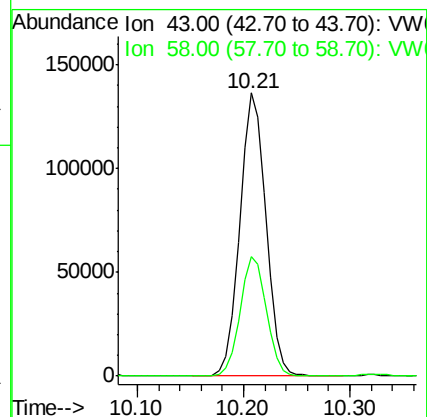
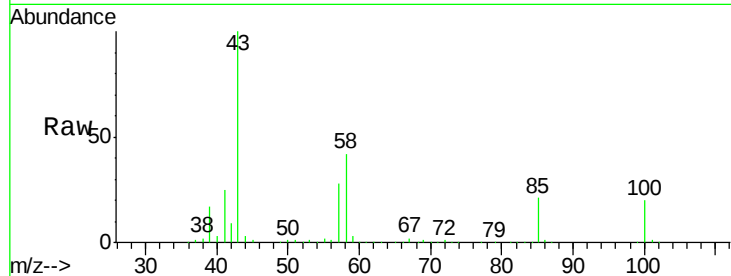
58 42.5 32.3 48.5

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4/23/2020 1:33:01 PM



#52

Toluene

Concen: 45.160 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015308.D

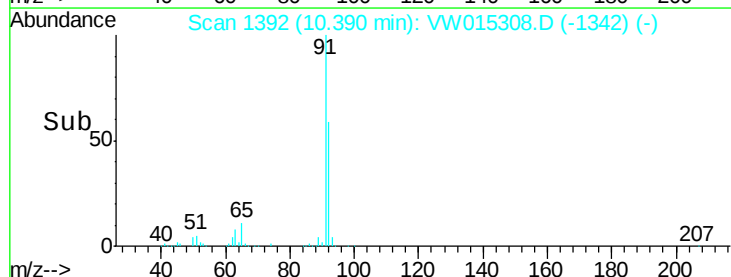
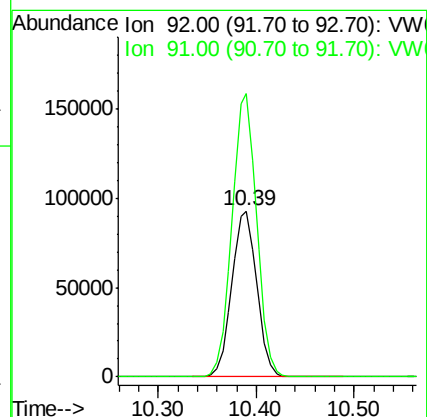
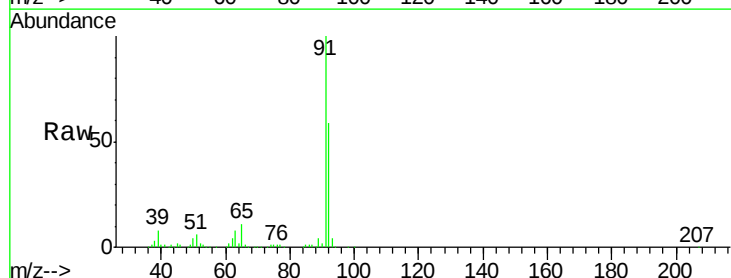
Acq: 22 Apr 2020 15:14

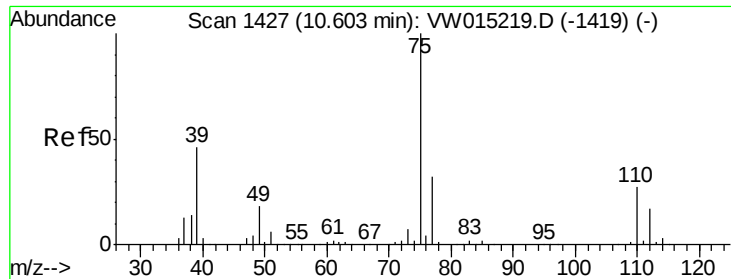
Tgt Ion: 92 Resp: 163585

Ion Ratio Lower Upper

92 100

91 168.8 137.1 205.7





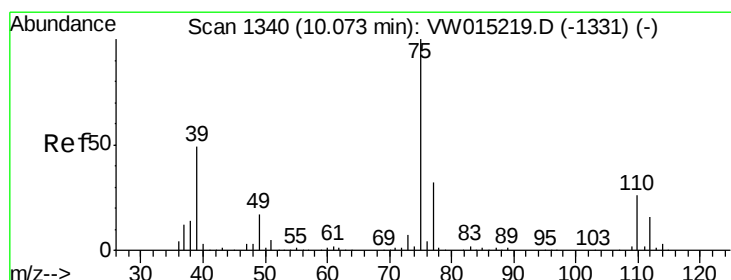
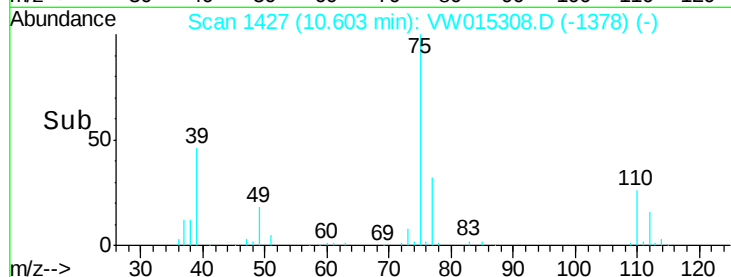
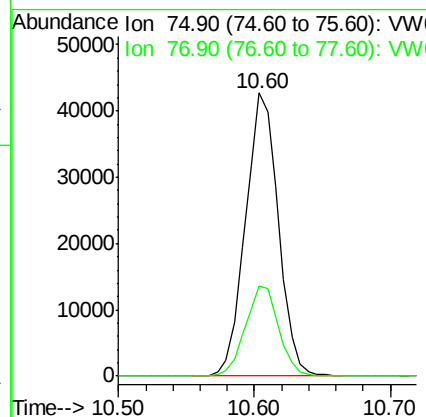
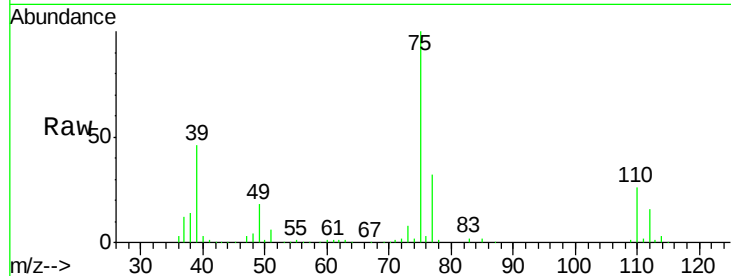
#53  
t-1,3-Dichloropropene  
Concen: 39.275 ug/l  
RT: 10.60 min Scan# 1427  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion   | 75   | Resp  | 72079 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 77        | 31.6 | 25.5  | 38.3  |

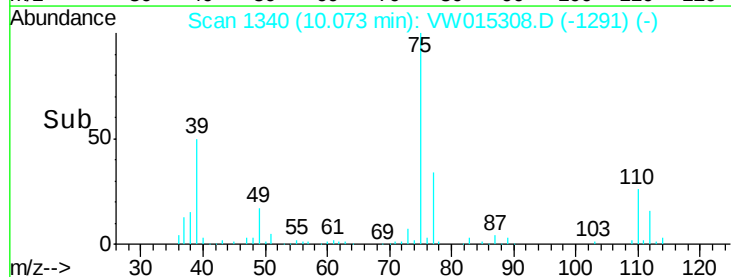
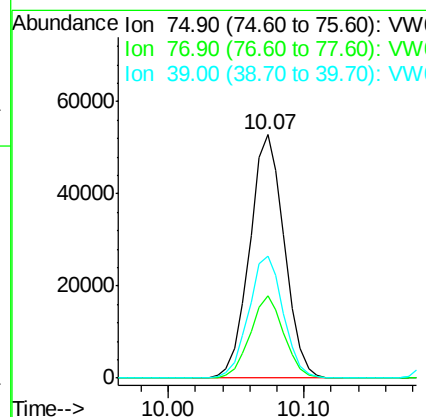
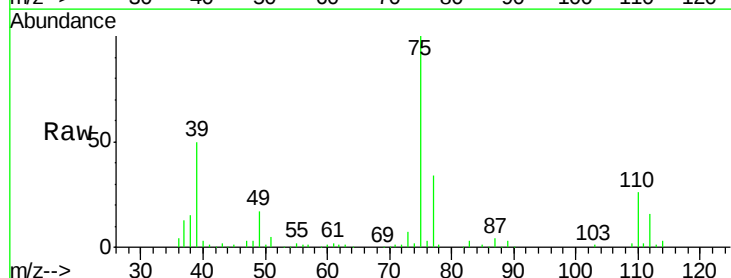
Manual Integrations  
APPROVED

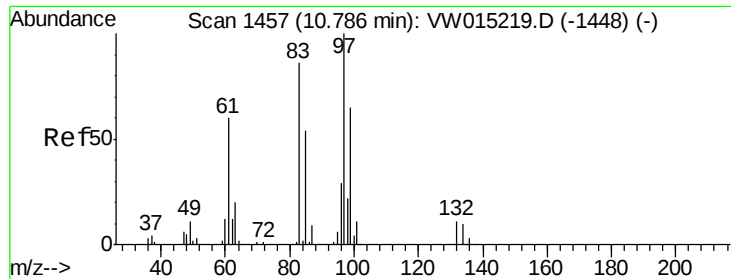
MMDadoda  
4/23/2020 1:33:01 PM



#54  
cis-1,3-Dichloropropene  
Concen: 44.174 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion   | 75   | Resp  | 94231 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 77        | 33.8 | 26.6  | 39.8  |
| 39        | 49.8 | 37.8  | 56.6  |





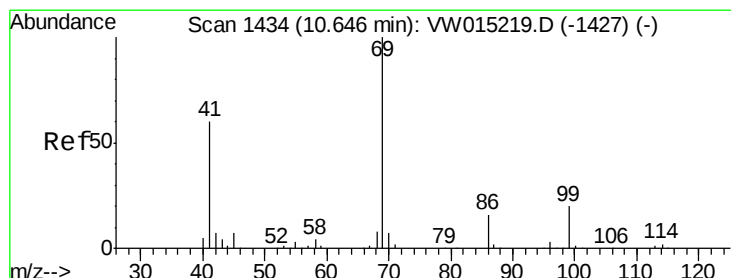
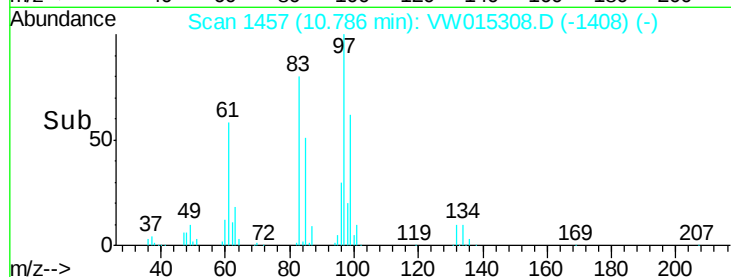
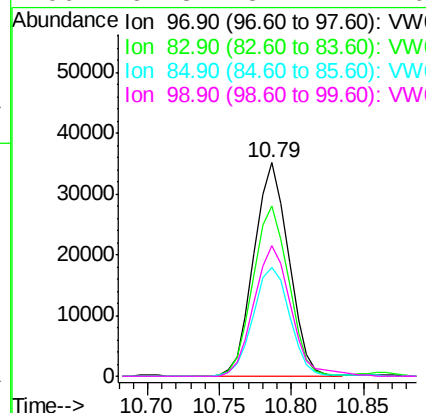
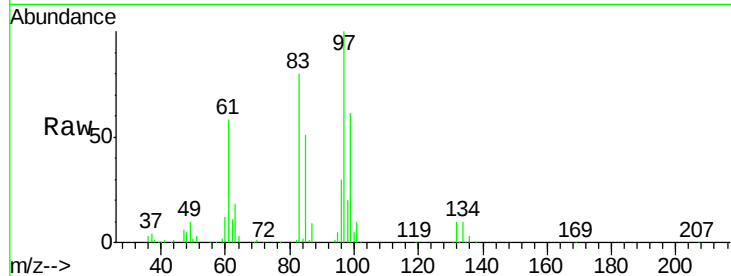
#55  
 1,1,2-Trichloroethane  
 Concen: 60.540 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 WB-4-1MSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 59022 |       |       |
| 83      | 79.8 | 67.3  | 100.9 |       |       |
| 85      | 50.9 | 43.8  | 65.8  |       |       |
| 99      | 61.3 | 51.4  | 77.0  |       |       |

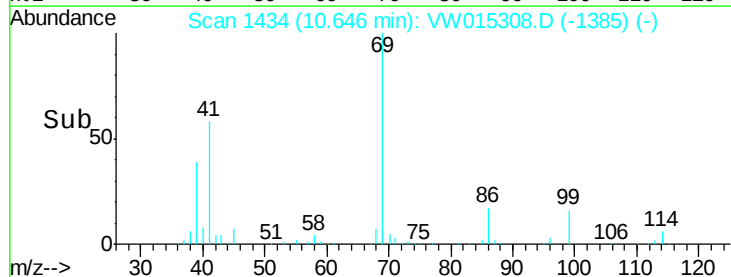
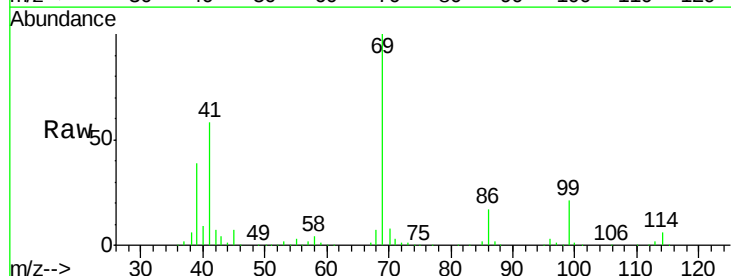
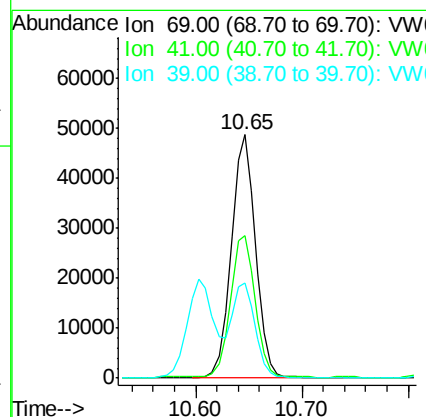
Manual Integrations  
 APPROVED

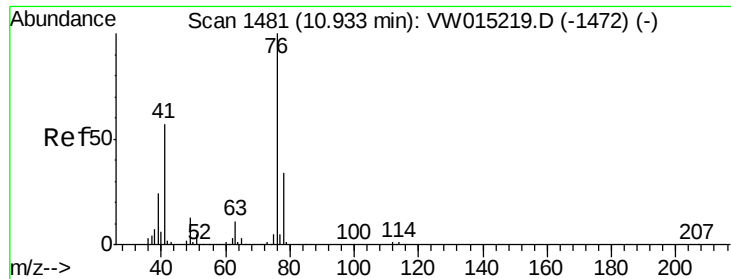
MMDadoda  
 4/23/2020 1:33:01 PM



#56  
 Ethyl methacrylate  
 Concen: 62.114 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 78013 |       |       |
| 41      | 59.1 | 51.3  | 76.9  |       |       |
| 39      | 35.7 | 24.6  | 37.0  |       |       |





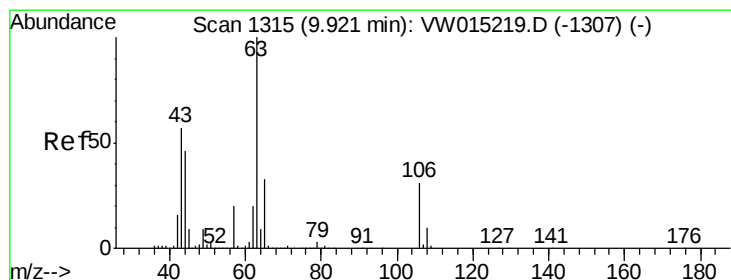
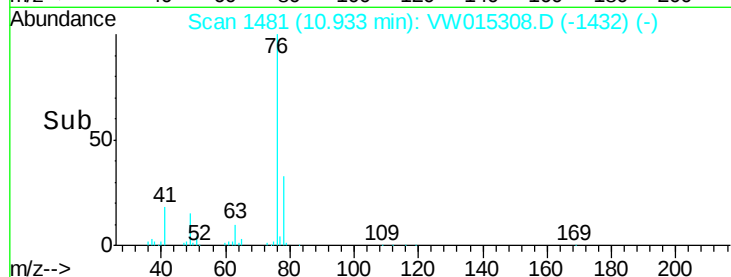
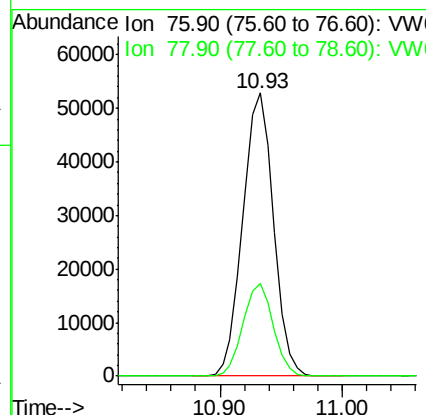
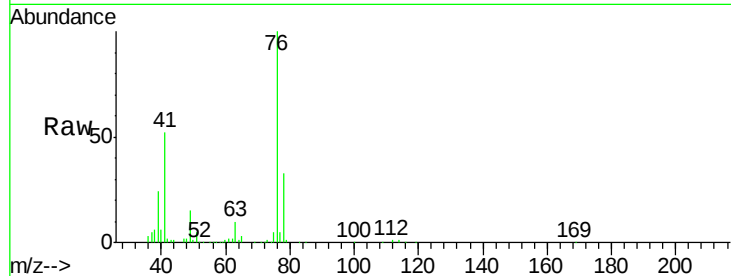
#57  
 1,3-Dichloropropane  
 Concen: 57.026 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WB-4-1MSD

Tot Ion: 76 Resp: 92096  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 26.2 39.4

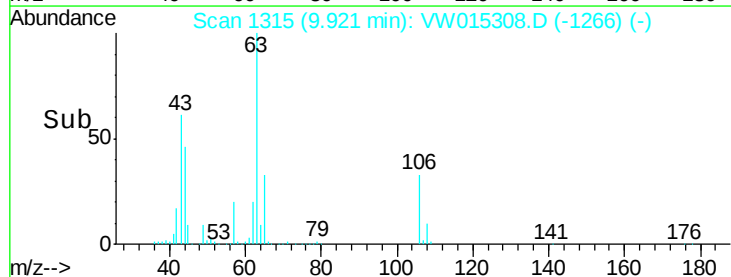
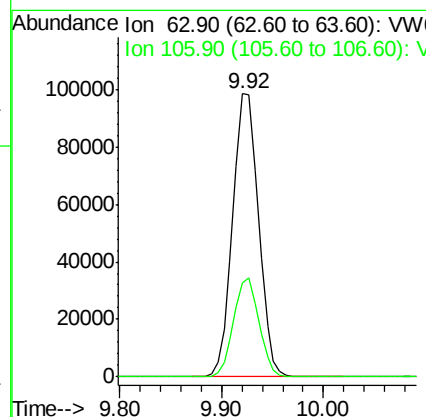
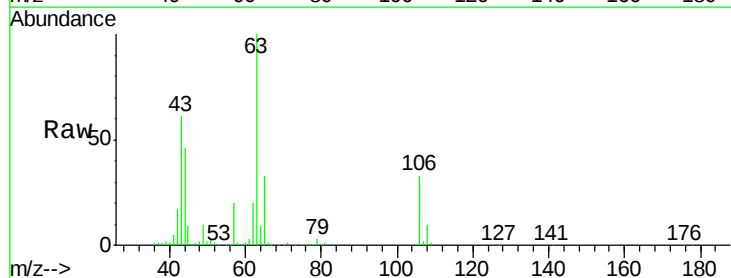
Manual Integrations  
 APPROVED

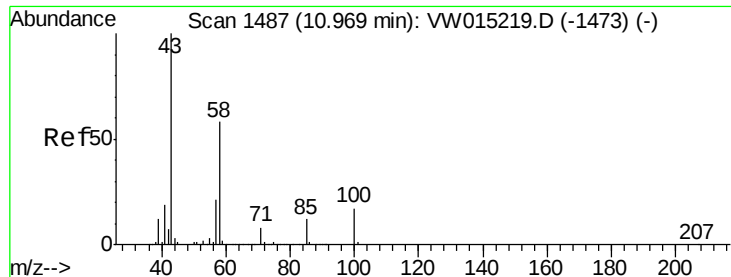
MMDadoda  
 4/23/2020 1:33:01 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 296.921 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

Tgt Ion: 63 Resp: 172893  
 Ion Ratio Lower Upper  
 63 100  
 106 34.2 22.6 33.8#





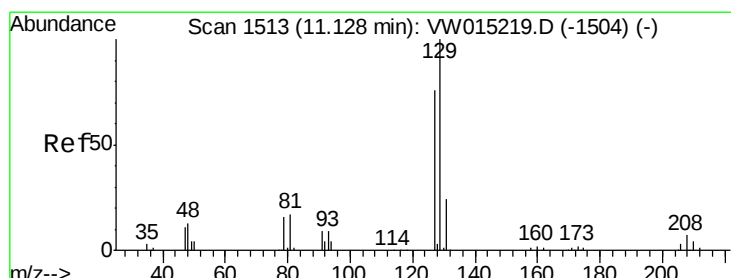
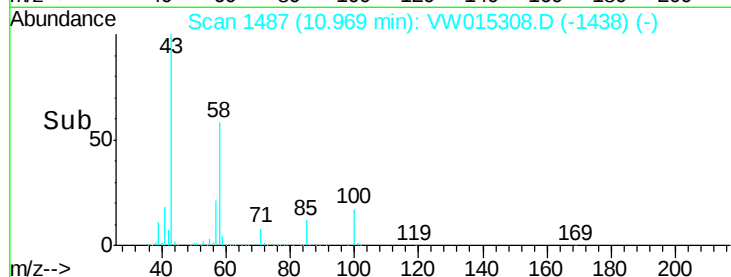
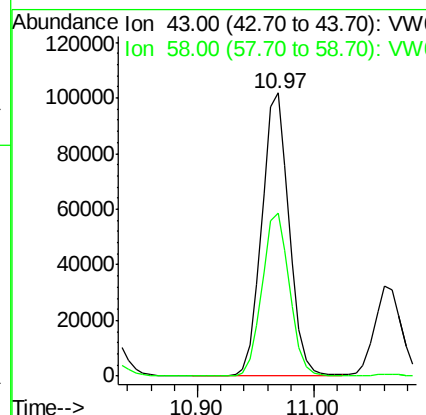
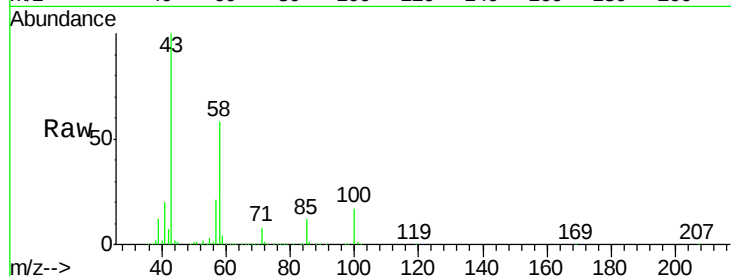
#59  
2-Hexanone  
Concen: 376.203 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion   | 43 | Resp | 166260 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 58.2 | 28.1   |
| Upper     |    |      | 84.3   |

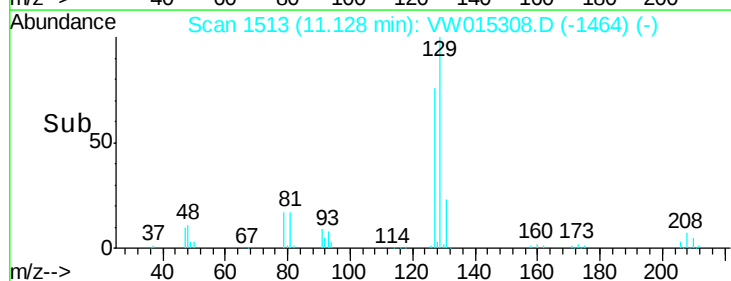
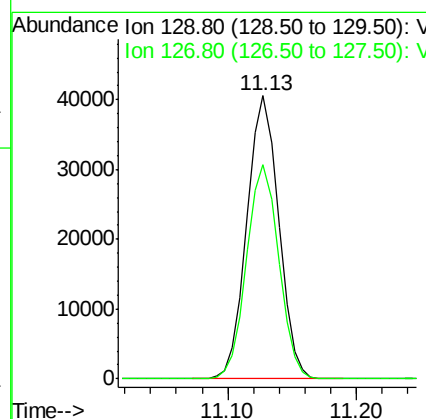
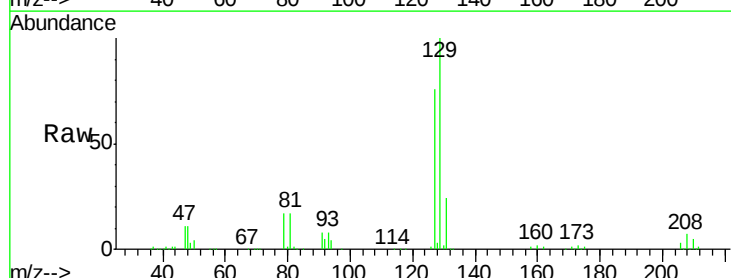
Manual Integrations  
APPROVED

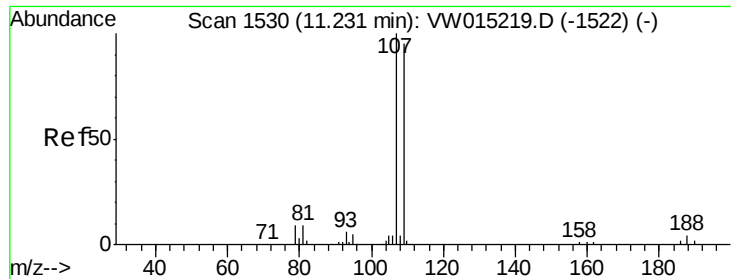
MMDadoda  
4/23/2020 1:33:01 PM



#60  
Dibromochloromethane  
Concen: 53.853 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion   | 129 | Resp | 69323 |
|-----------|-----|------|-------|
| Ion Ratio | 129 | 100  |       |
| Lower     | 127 | 76.3 | 38.3  |
| Upper     |     |      | 114.8 |





#61

1,2-Dibromoethane

Concen: 51.757 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion: 107 Resp: 49237

Ion Ratio Lower Upper

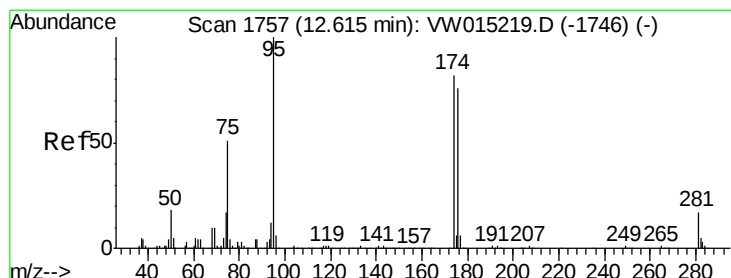
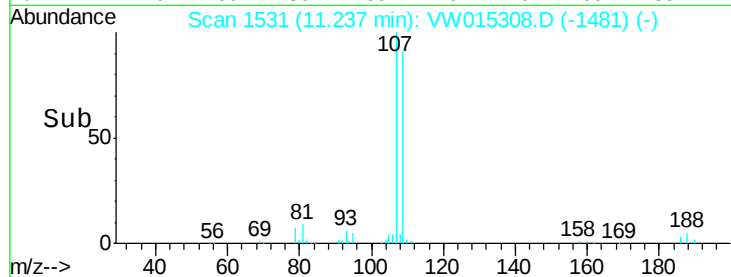
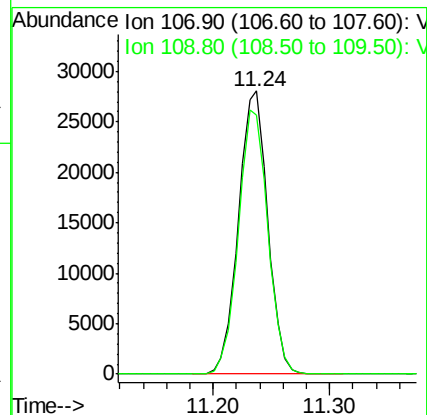
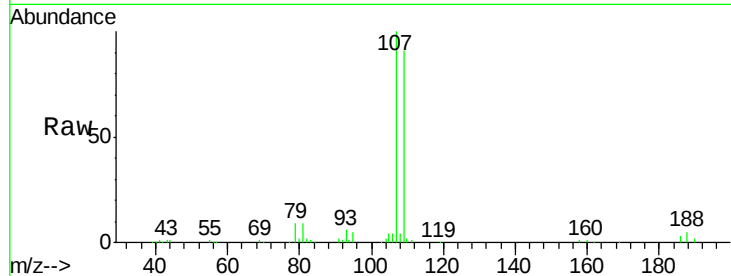
107 100

109 93.9 74.3 111.5

Manual Integrations  
APPROVED

MMDadoda

4/23/2020 1:33:01 PM



#62

4-Bromofluorobenzene

Concen: 23.892 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

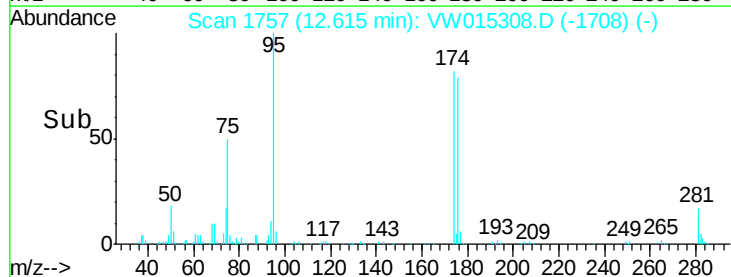
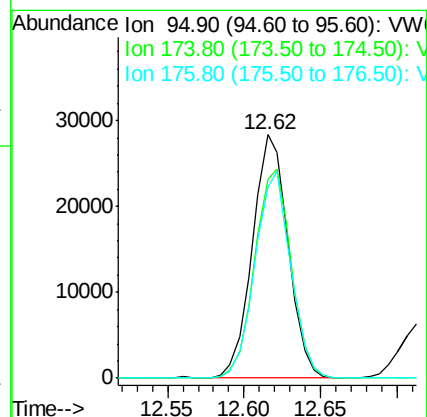
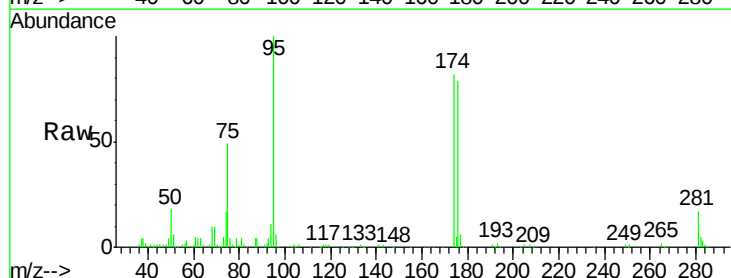
Tgt Ion: 95 Resp: 45600

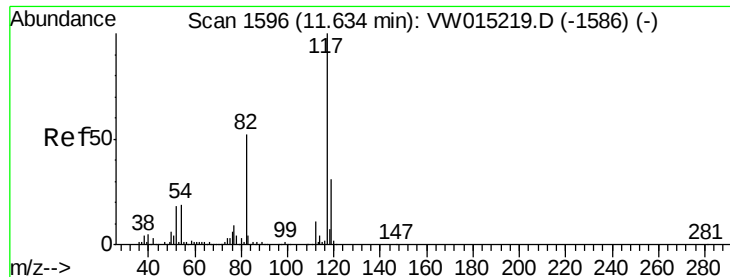
Ion Ratio Lower Upper

95 100

174 88.5 0.0 144.4

176 85.7 0.0 140.6





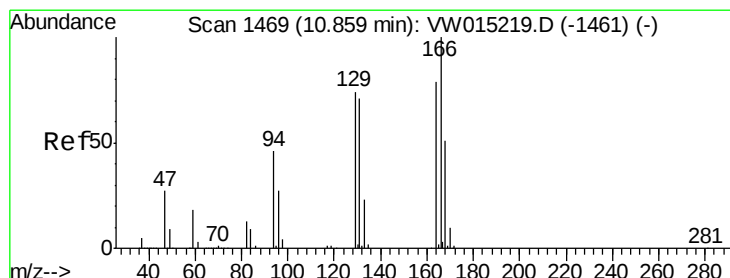
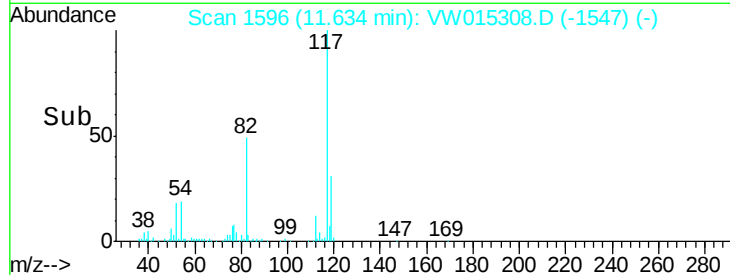
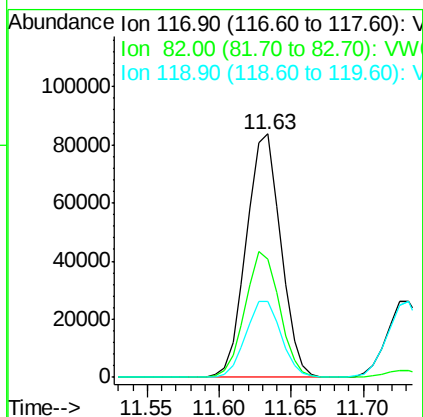
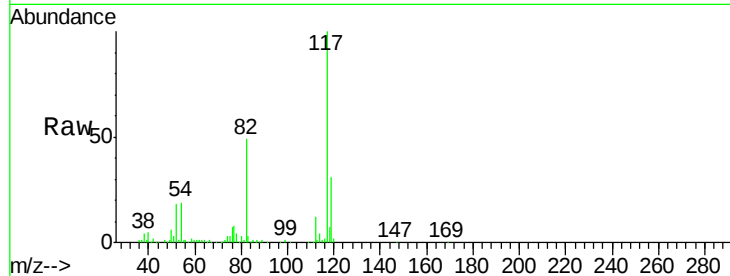
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 139268 |       |       |
| 82      | 48.7  |        | 44.1  | 66.1  |
| 119     | 31.2  |        | 24.9  | 37.3  |

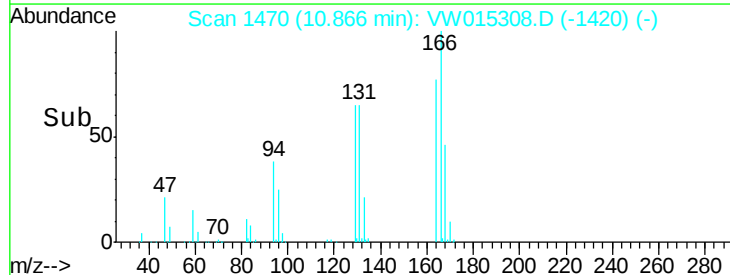
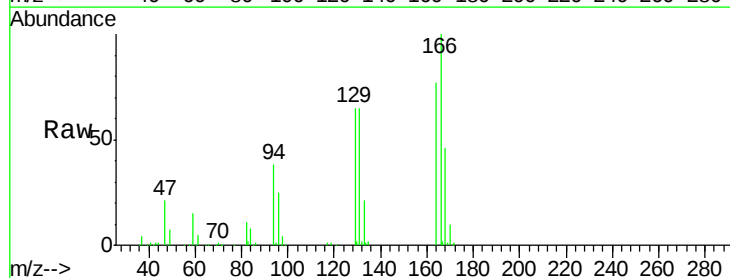
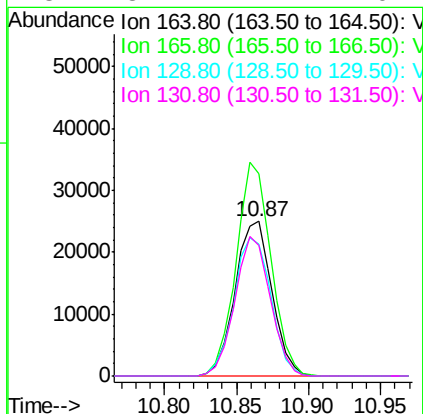
Manual Integrations  
APPROVED

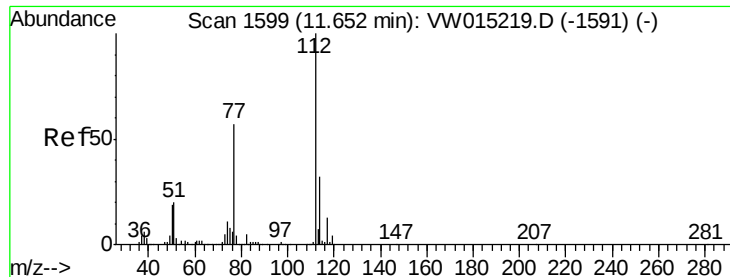
MMDadoda  
4/23/2020 1:33:01 PM



#64  
Tetrachloroethene  
Concen: 44.674 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 44404 |       |       |
| 166     | 130.4 |       | 102.6 | 154.0 |
| 129     | 85.3  |       | 80.2  | 120.2 |
| 131     | 84.1  |       | 77.4  | 116.2 |





#65

Chlorobenzene

Concen: 48.307 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion:112 Resp: 132014

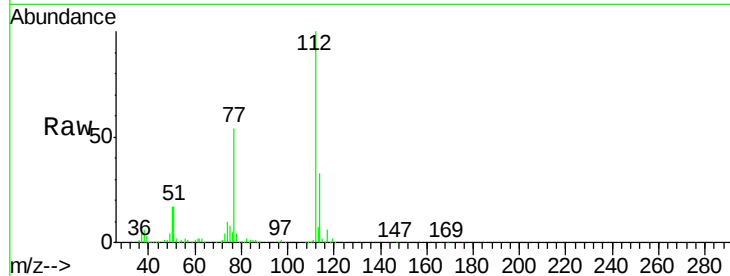
Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6

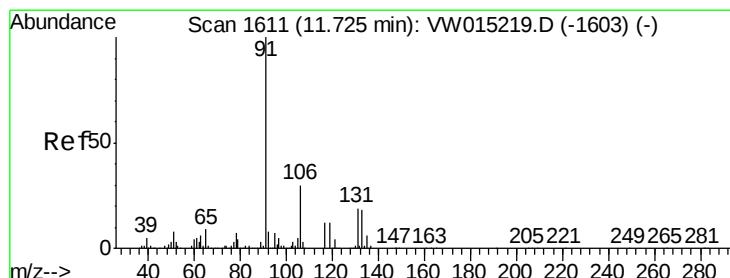
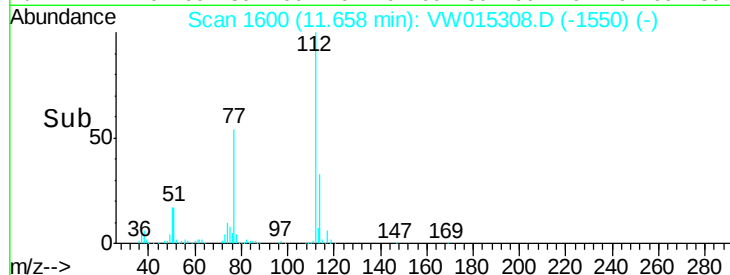
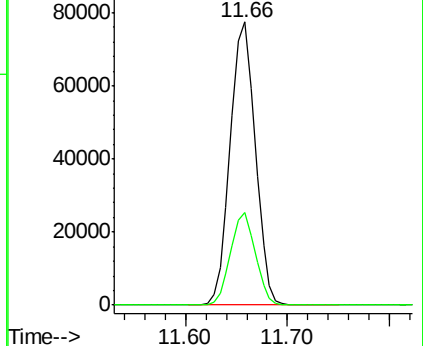
Manual Integrations  
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4/23/2020 1:33:01 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 70.746 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

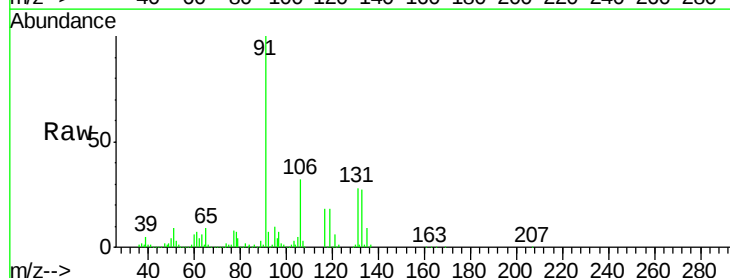
Tgt Ion:131 Resp: 69488

Ion Ratio Lower Upper

131 100

133 97.6 47.7 143.1

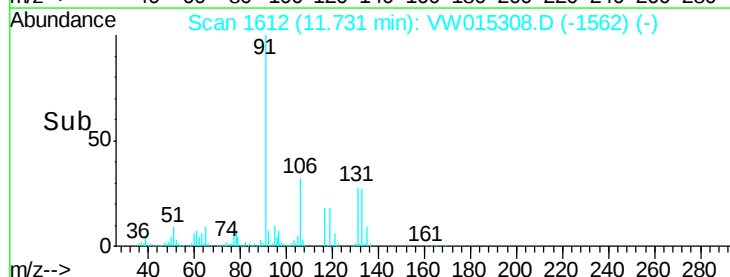
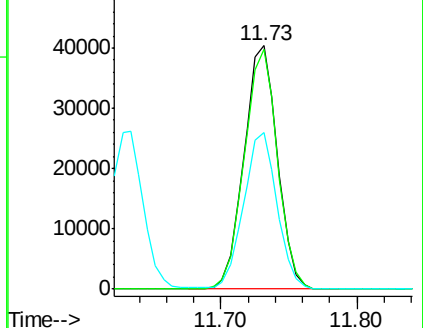
119 64.4 34.0 101.8

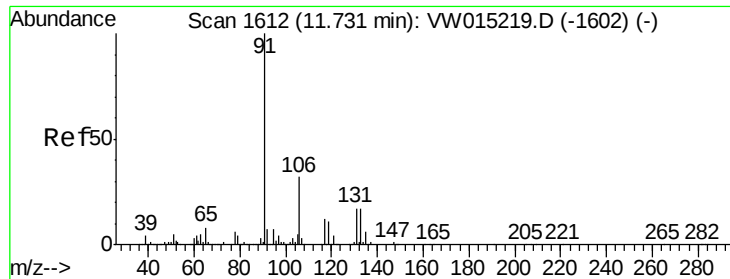


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





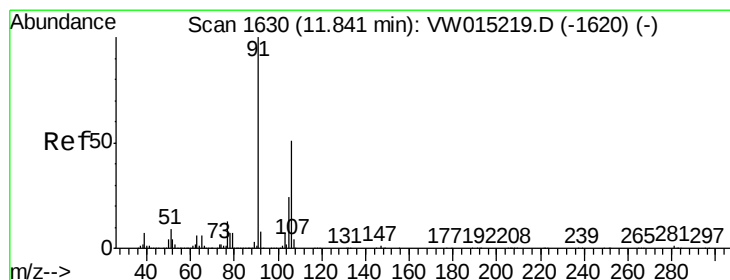
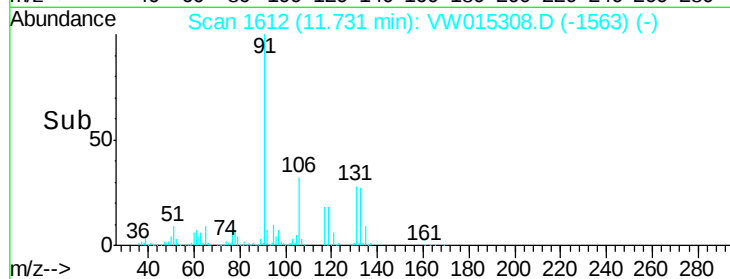
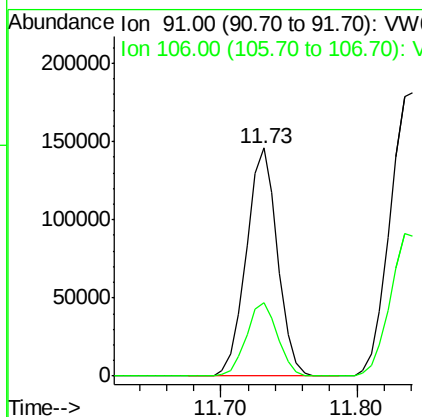
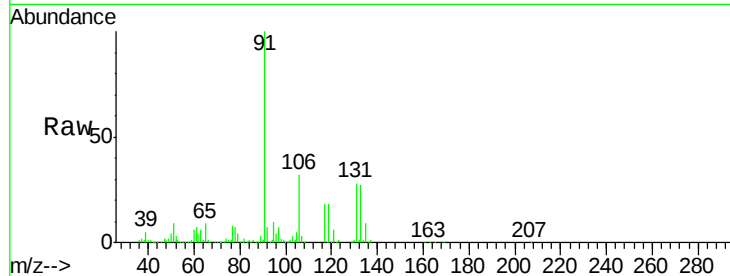
#67  
Ethyl Benzene  
Concen: 45.874 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 32.3  | 25.7  | 38.5  |

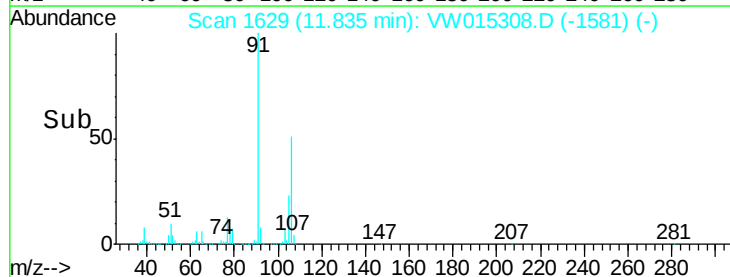
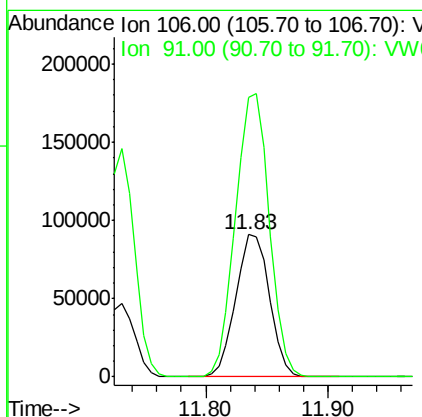
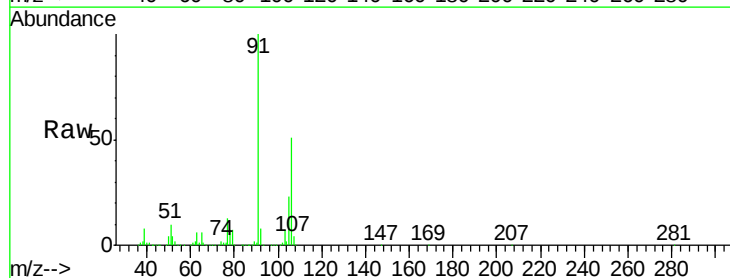
Manual Integrations  
APPROVED

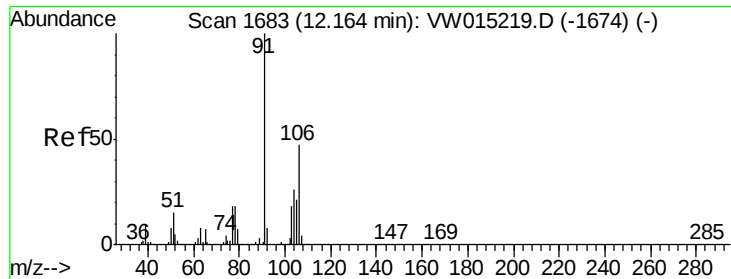
MMDadoda  
4/23/2020 1:33:01 PM



#68  
m/p-Xylenes  
Concen: 87.206 ug/l  
RT: 11.83 min Scan# 1629  
Delta R.T. -0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 198.9 | 160.0 | 240.0 |





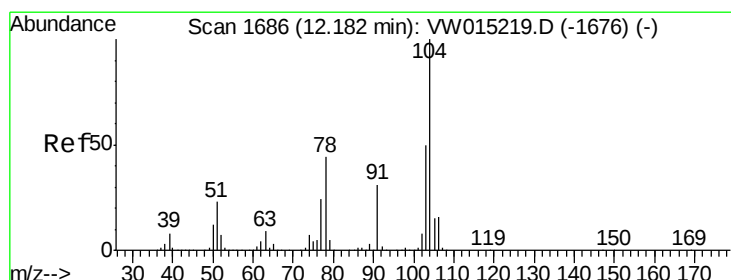
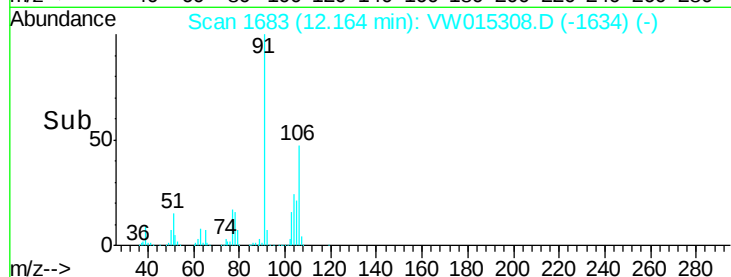
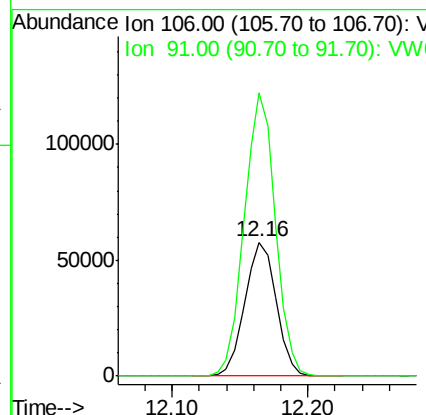
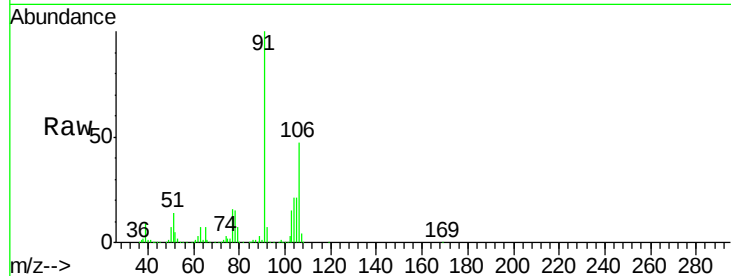
#69  
o-Xylene  
Concen: 49.910 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 209.5 | 105.7 | 317.1 |       |

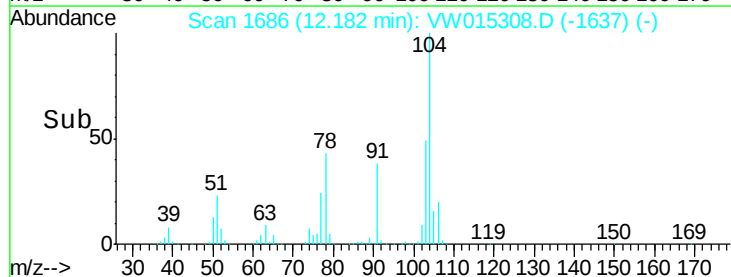
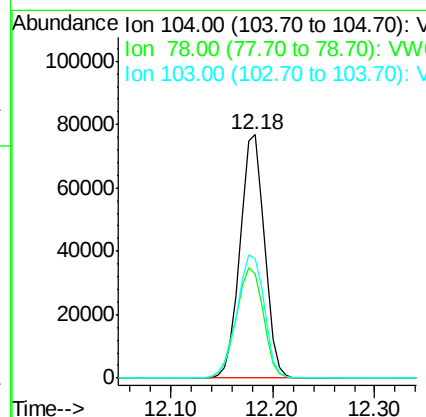
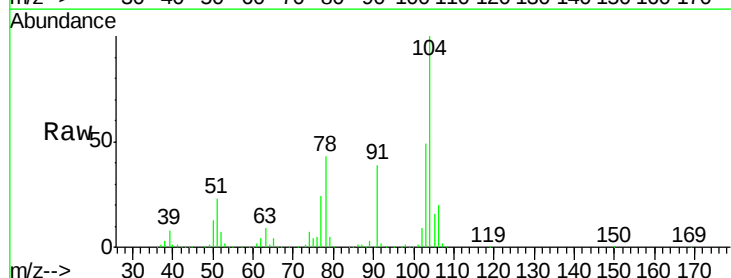
Manual Integrations  
APPROVED

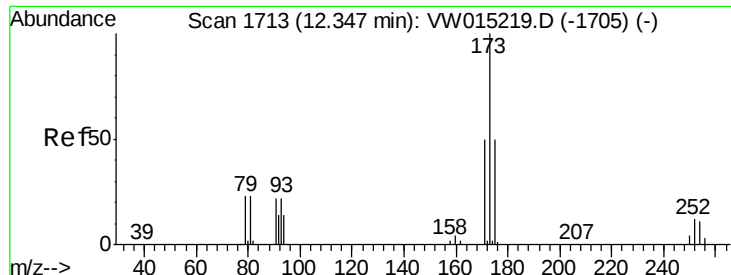
MMDadoda  
4/23/2020 1:33:01 PM



#70  
Styrene  
Concen: 39.856 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 104     | 100  |       |       |       |
| 78      | 51.0 | 39.8  | 59.6  |       |
| 103     | 56.2 | 43.8  | 65.6  |       |





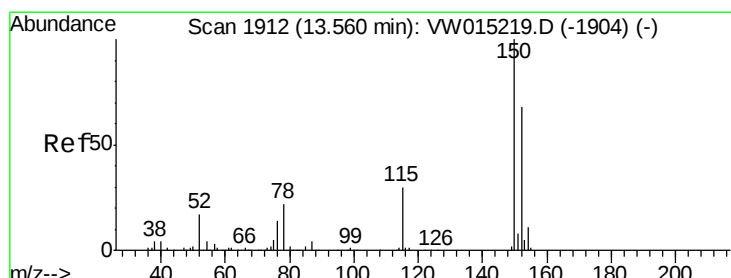
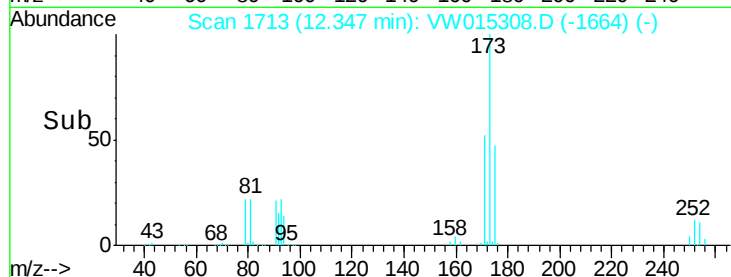
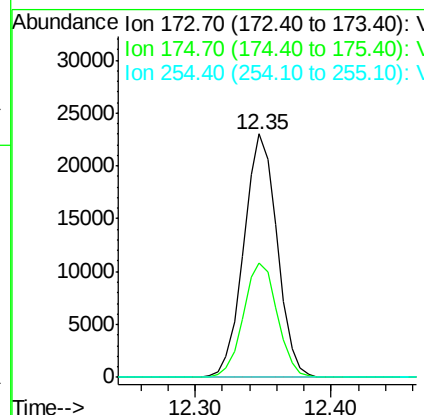
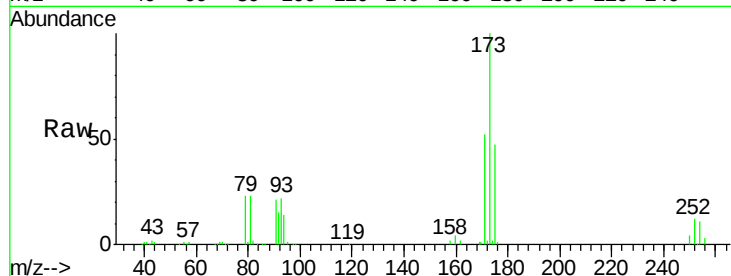
#71  
Bromoform  
Concen: 71.137 ug/l  
RT: 12.35 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.9  | 25.1  | 75.4  |
| 254     | 0.0   | 0.1   | 0.1#  |

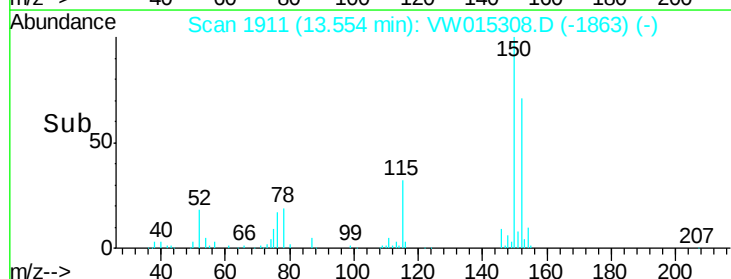
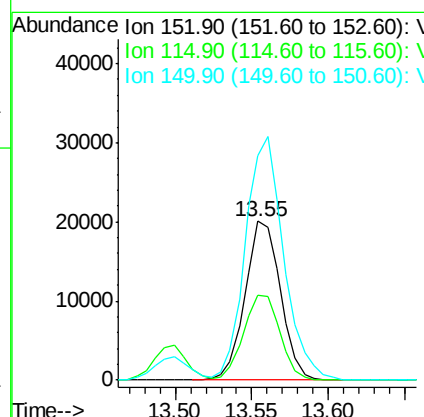
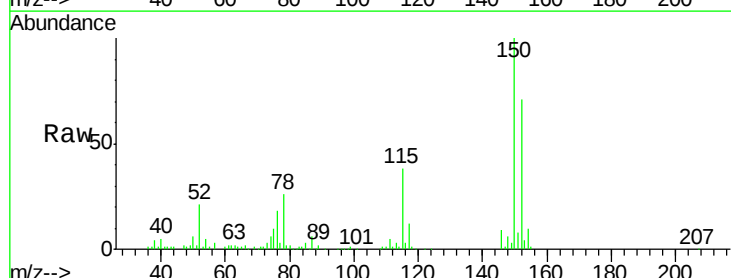
Manual Integrations  
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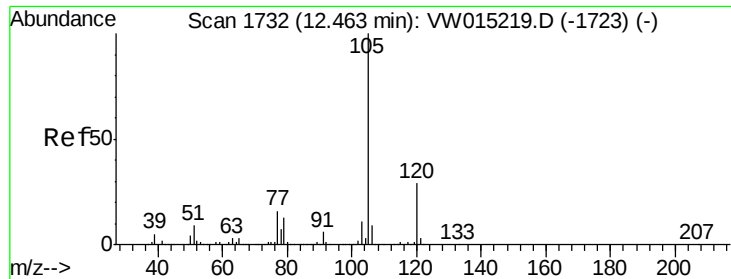
MMDadoda  
4/23/2020 1:33:01 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.55 min Scan# 1911  
Delta R.T. -0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.9  | 31.3  | 93.9  |
| 150     | 165.9 | 0.0   | 343.4 |





#73

Isopropylbenzene

Concen: 81.827 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampled :

WB-4-1MSD

Tot Ion:105 Resp: 182497

Ion Ratio Lower Upper

105 100

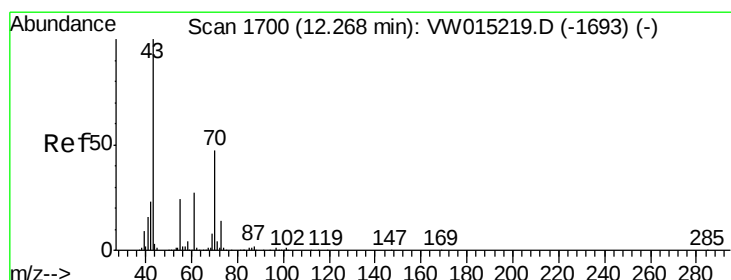
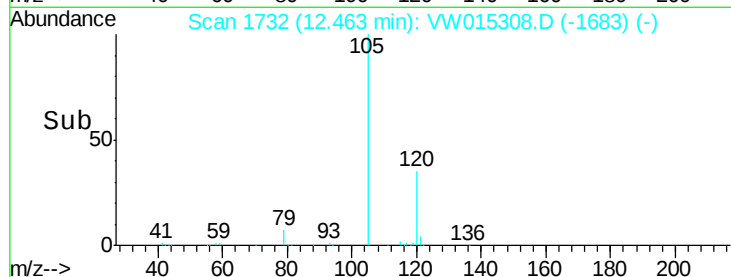
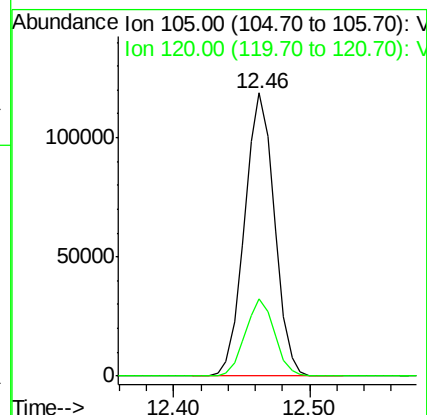
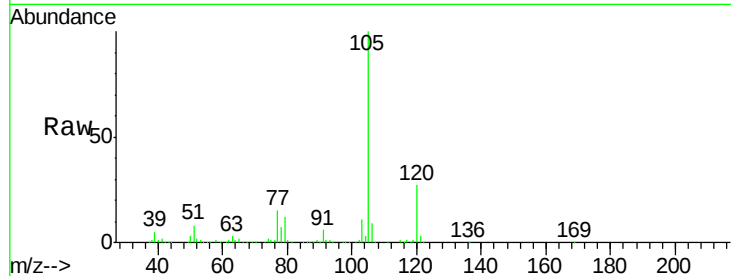
120 26.8 13.7 41.1

Manual Integrations

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MMDadoda

4/23/2020 1:33:01 PM



#74

N-ethyl acetate

Concen: 122.062 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Tgt Ion: 43 Resp: 47361

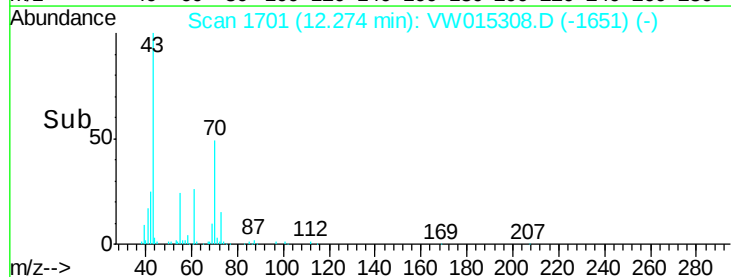
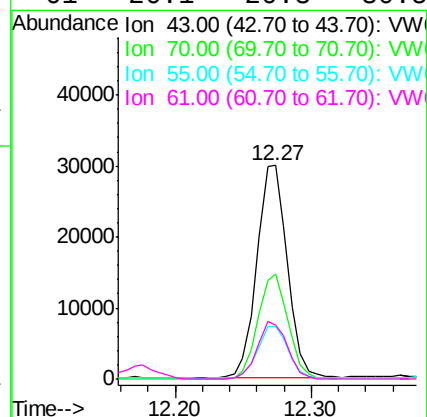
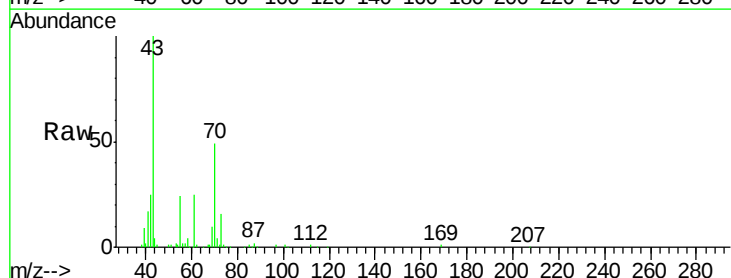
Ion Ratio Lower Upper

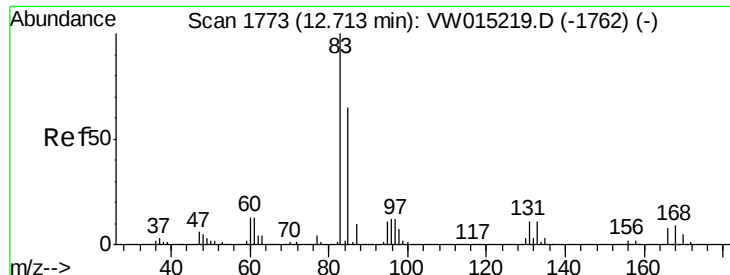
43 100

70 49.0 35.4 53.2

55 24.7 18.5 27.7

61 26.1 20.3 30.5





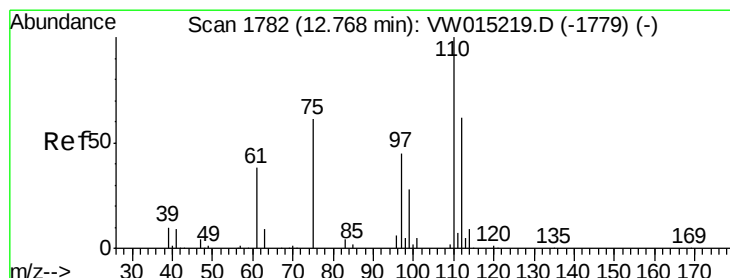
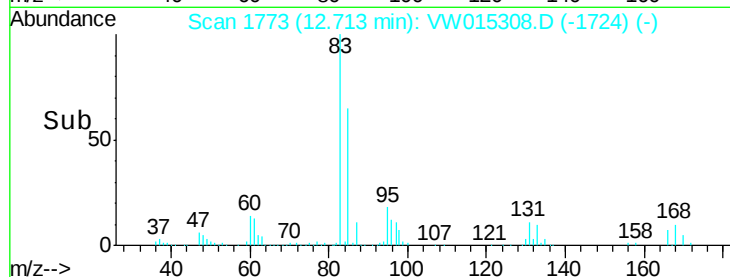
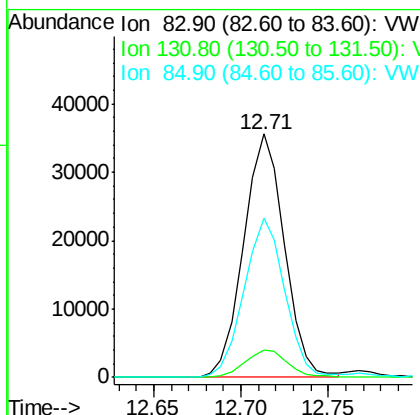
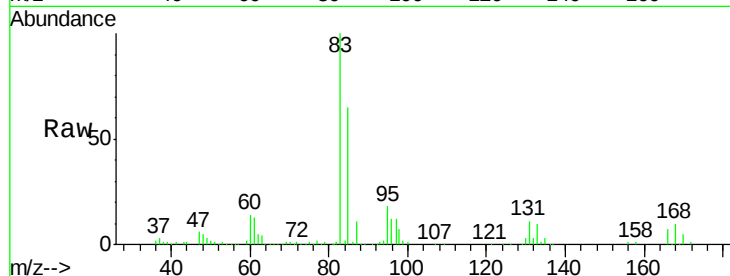
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 181.363 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WB-4-1MSD

| Tot Ion   | 83   | Resp  | 57430 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 11.8 | 5.1   | 15.2  |
| 85        | 65.1 | 32.3  | 96.8  |

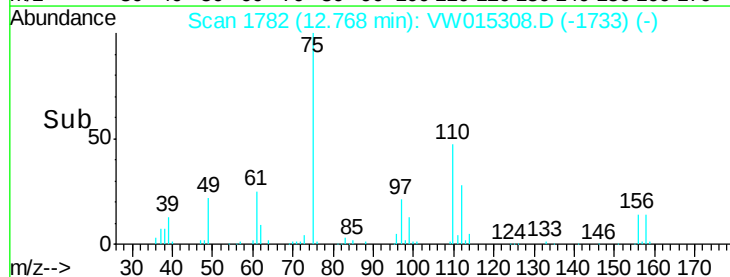
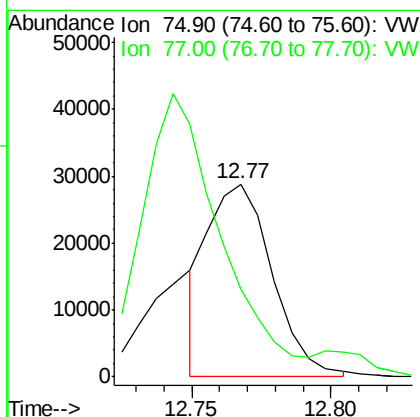
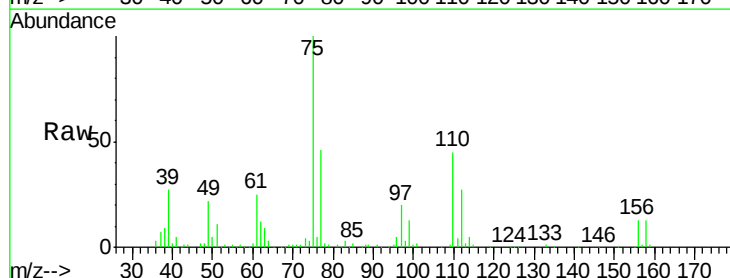
Manual Integrations  
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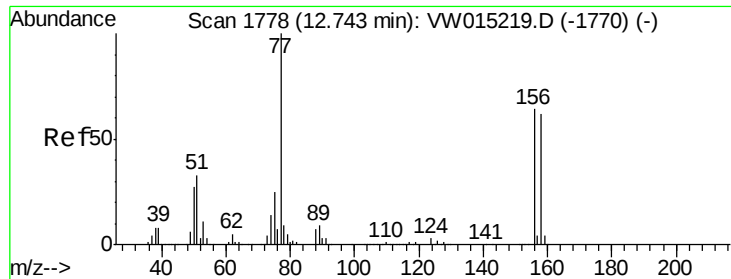
MMDadoda  
 4/23/2020 1:33:01 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 186.802 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

| Tgt Ion   | 75  | Resp  | 46485 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 75        | 100 |       |       |
| 77        | 0.0 | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 87.495 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

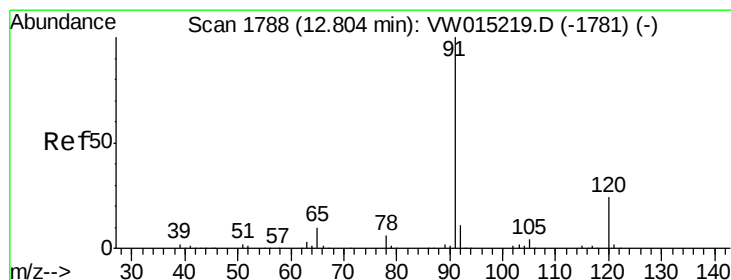
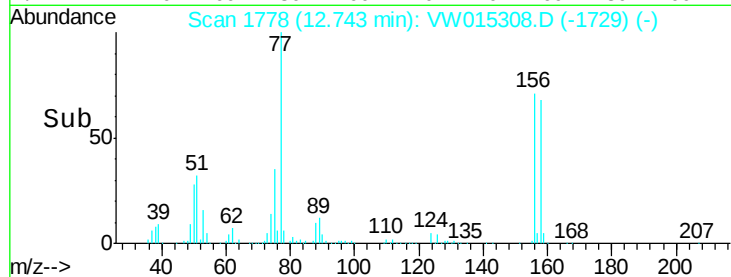
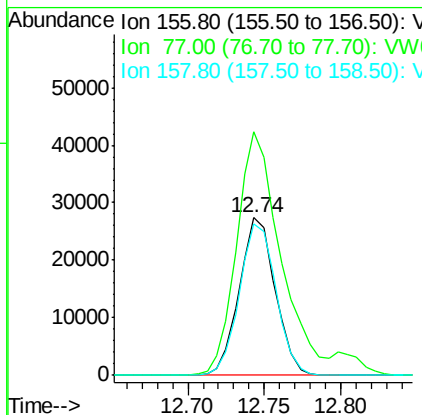
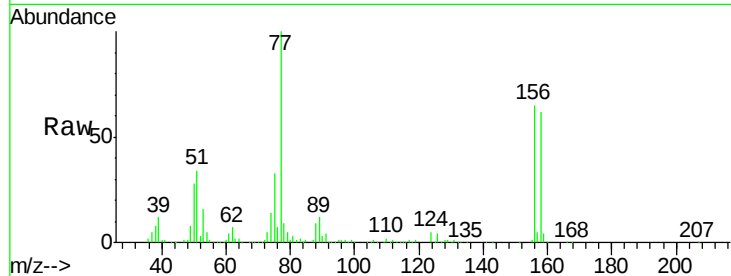
ClientSampleId :

WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 188.2 | 100.5 | 301.5 |
| 158     | 97.7  | 47.9  | 143.8 |

Manual Integrations  
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MMDadoda  
4/23/2020 1:33:01 PM



#78

n-propylbenzene

Concen: 58.964 ug/l

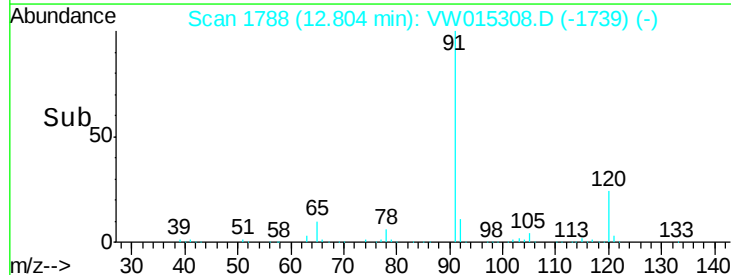
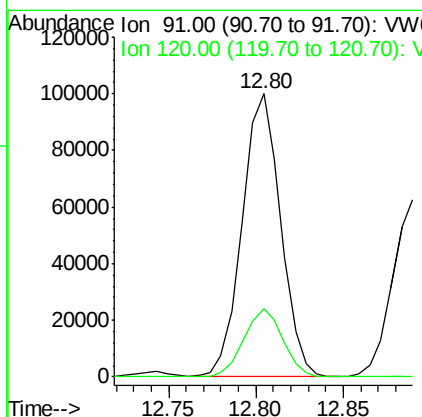
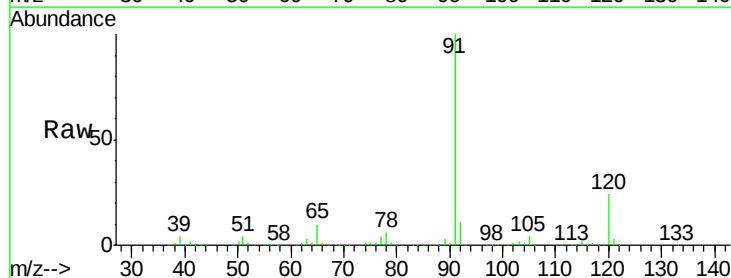
RT: 12.80 min Scan# 1788

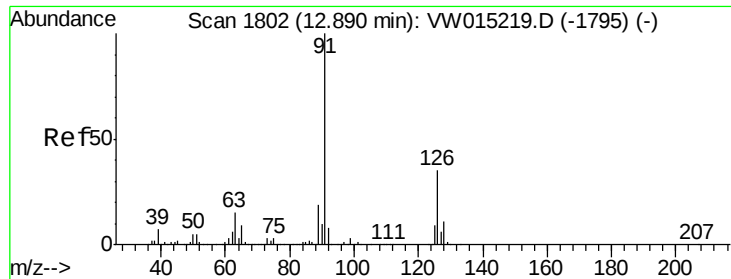
Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.3  | 11.4  | 34.1  |





#79

2-Chlorotoluene

Concen: 70.604 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion: 91 Resp: 103324

Ion Ratio Lower Upper

91 100

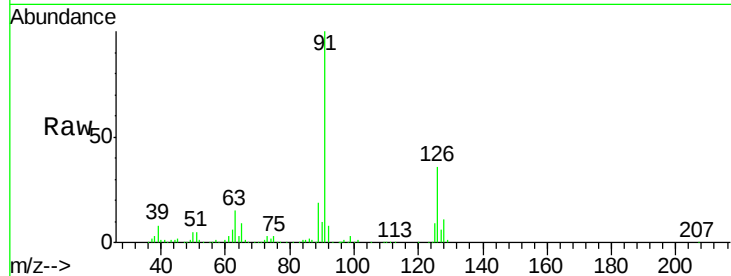
126 35.6 16.8 50.4

Manual Integrations

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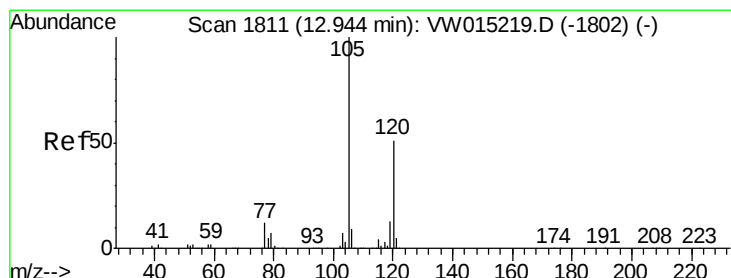
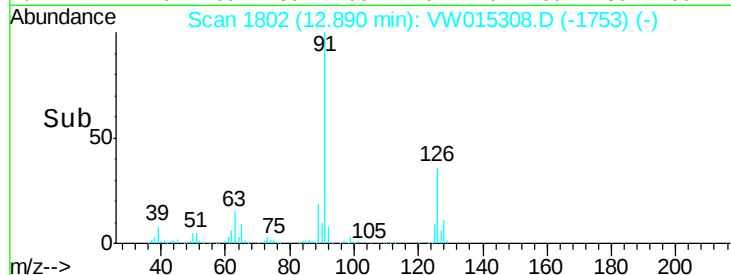
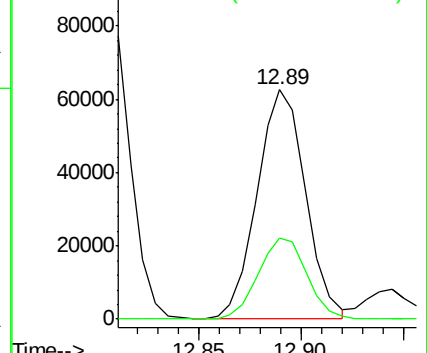
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 61.207 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015308.D

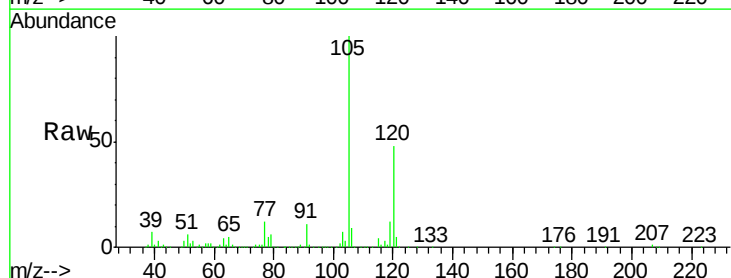
Acq: 22 Apr 2020 15:14

Tgt Ion:105 Resp: 117592

Ion Ratio Lower Upper

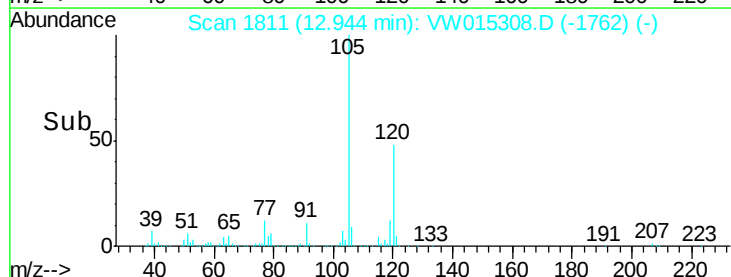
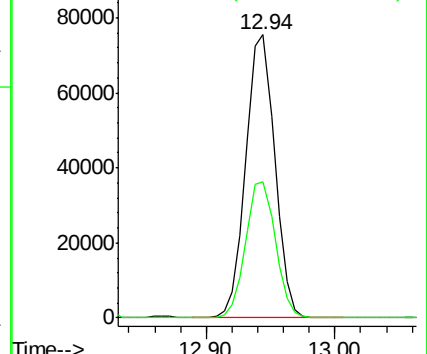
105 100

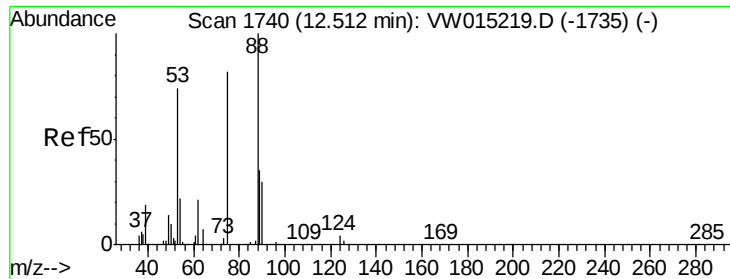
120 49.5 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





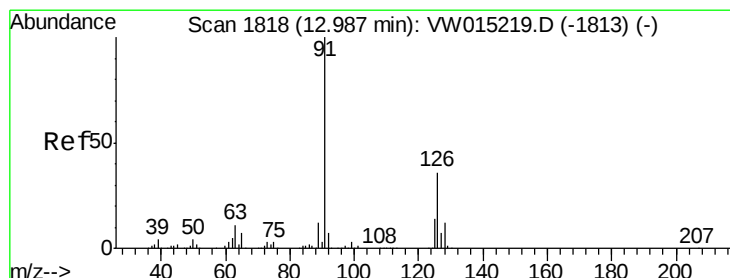
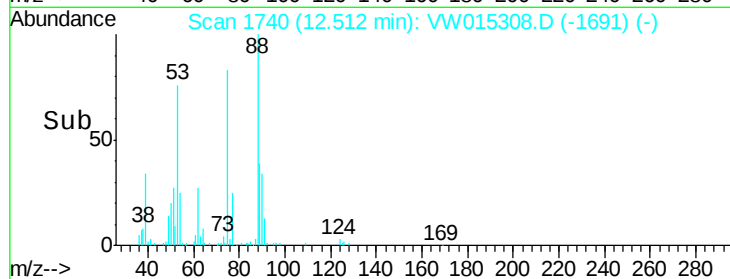
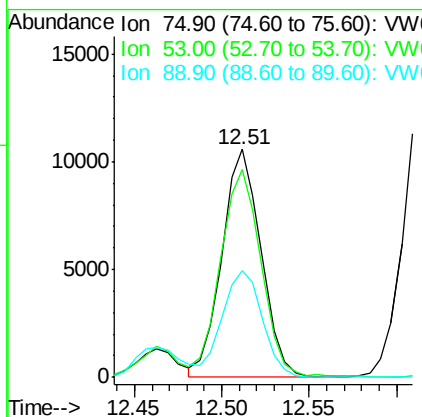
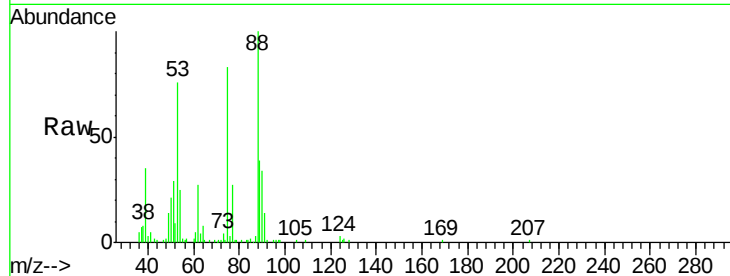
#81  
trans-1,4-Dichloro-2-butene  
Concen: 144.409 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 95.0  | 69.4  | 104.2 |
| 89      | 47.3  | 34.8  | 52.2  |

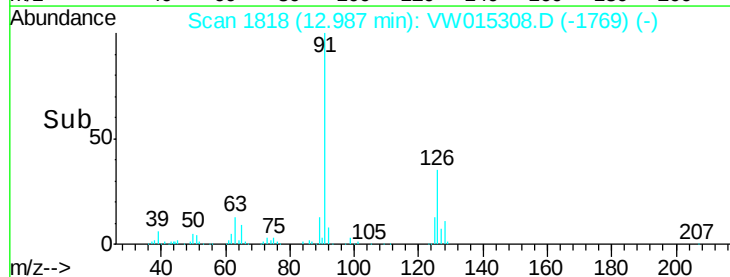
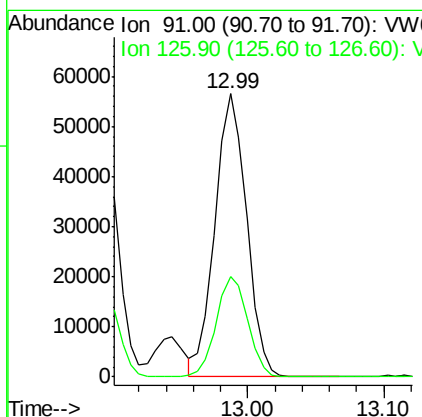
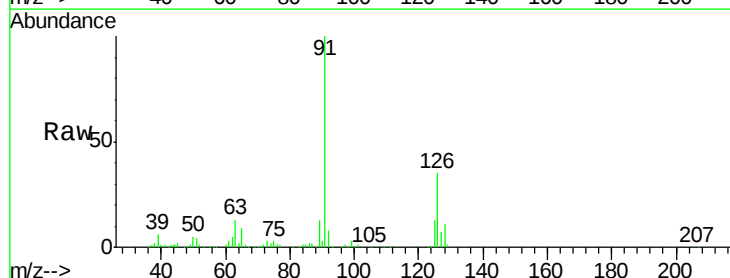
Manual Integrations  
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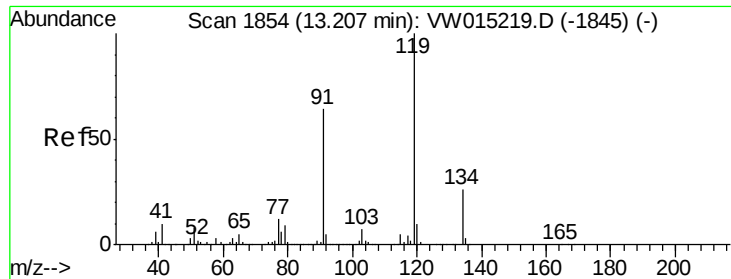
MMDadoda  
4/23/2020 1:33:01 PM



#82  
4-Chlorotoluene  
Concen: 58.352 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.5  | 16.8  | 50.3  |





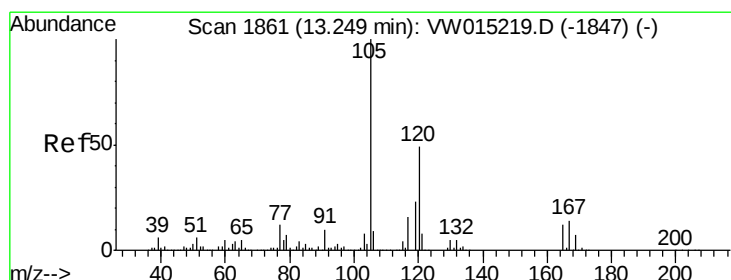
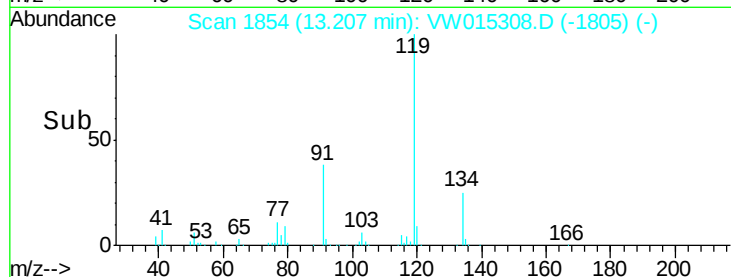
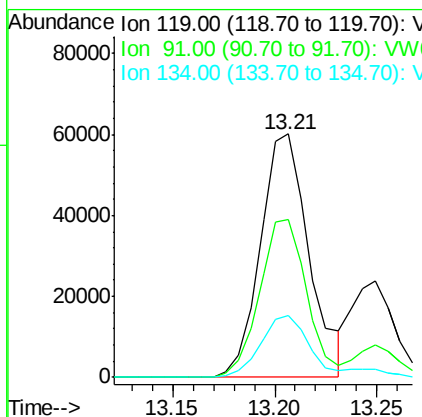
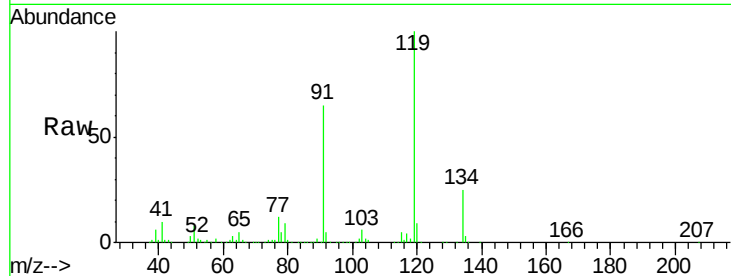
#83  
tert-Butylbenzene  
Concen: 59.510 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.4  | 32.8  | 98.3  |
| 134     | 24.9  | 13.3  | 39.9  |

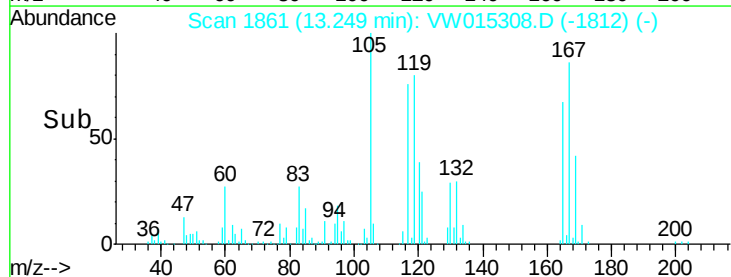
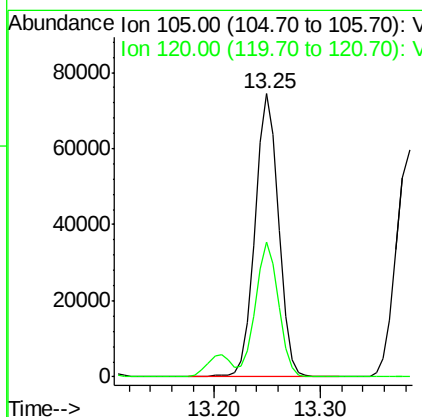
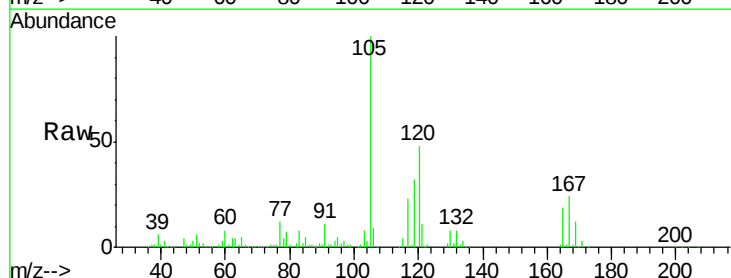
Manual Integrations  
APPROVED

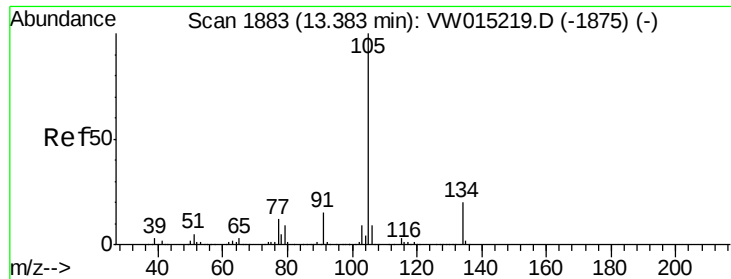
MMDadoda  
4/23/2020 1:33:01 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 61.230 ug/l  
RT: 13.25 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.5  | 23.0  | 69.0  |





#85

sec-Butylbenzene

Concen: 39.685 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

Instrument :

MSVOA\_W

ClientSampleId :

WB-4-1MSD

Tot Ion:105 Resp: 92029

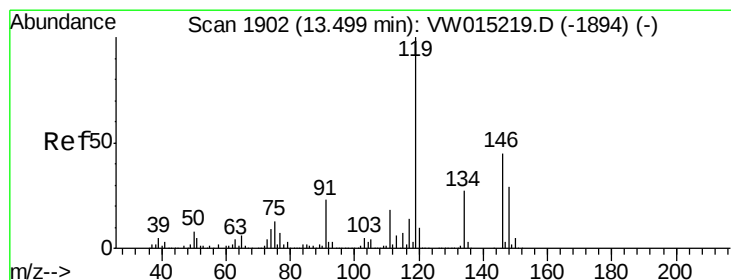
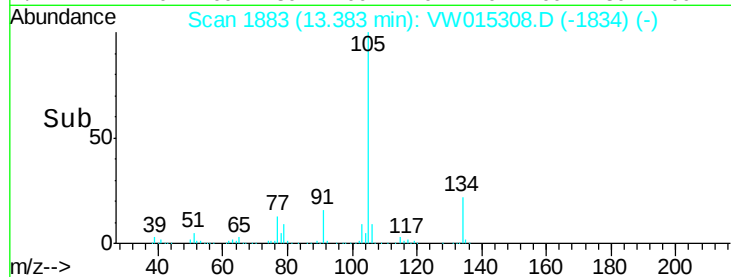
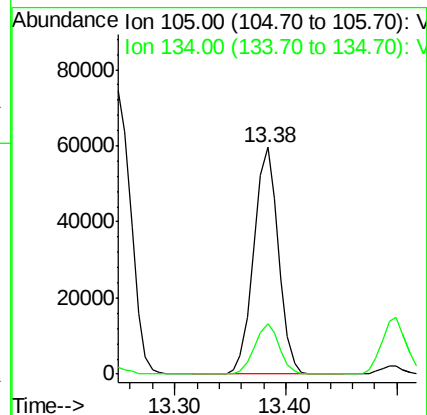
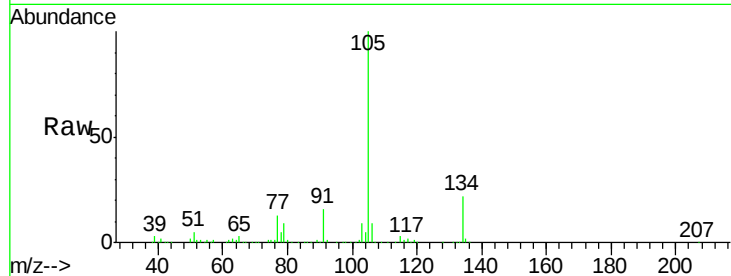
Ion Ratio Lower Upper

105 100

134 22.1 10.1 30.1

Manual Integrations  
APPROVED

MMDadoda  
4/23/2020 1:33:01 PM



#86

p-Isopropyltoluene

Concen: 40.003 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015308.D

Acq: 22 Apr 2020 15:14

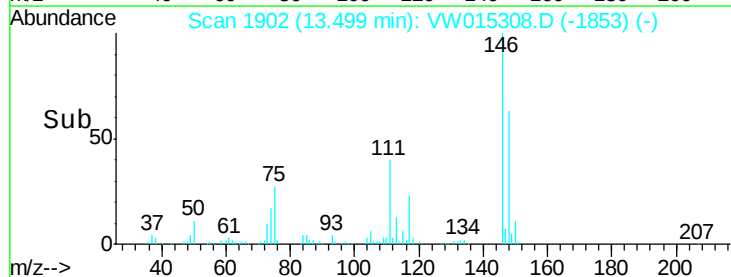
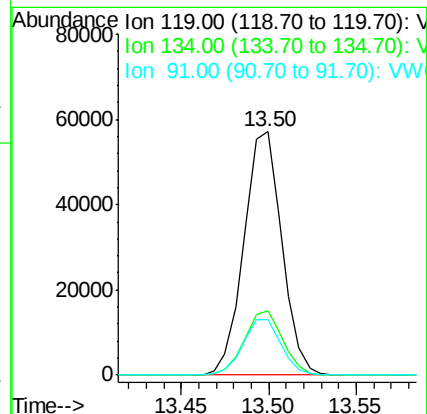
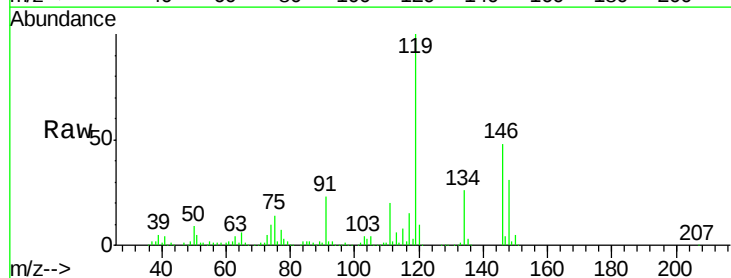
Tgt Ion:119 Resp: 86200

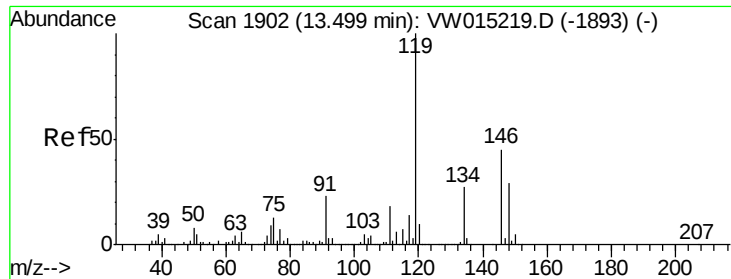
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 22.9 12.0 36.1





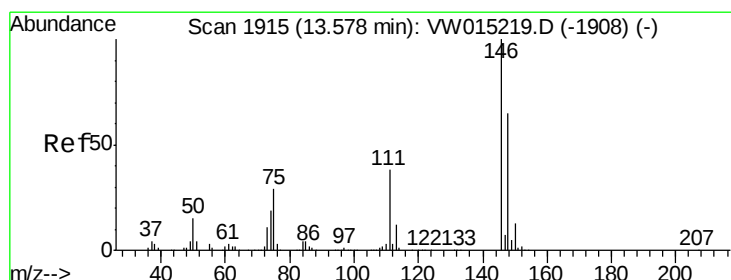
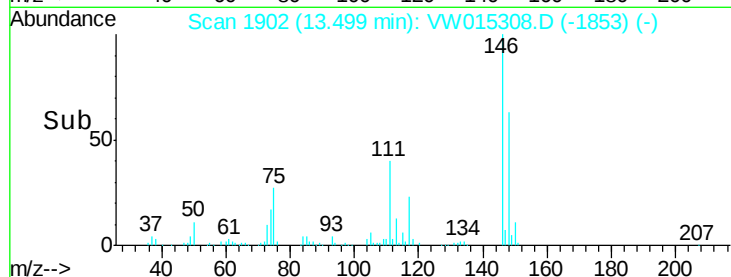
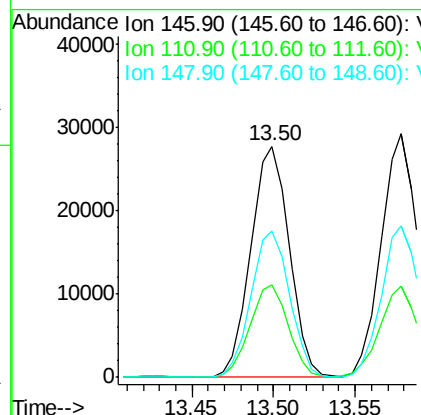
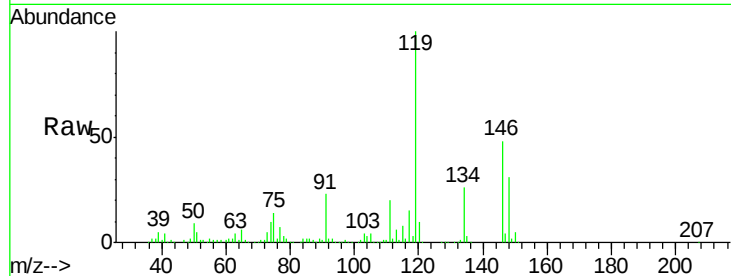
#87  
 1,3-Dichlorobenzene  
 Concen: 44.878 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.1  | 21.1  | 63.4  |
| 148     | 63.9  | 31.8  | 95.3  |

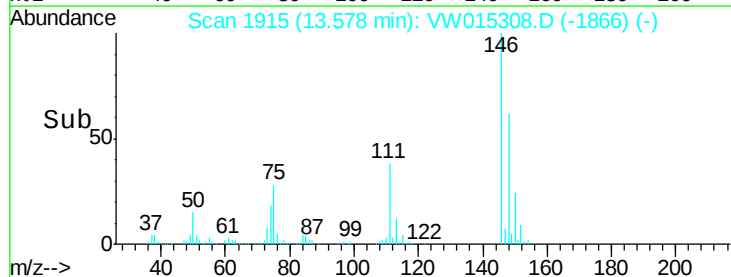
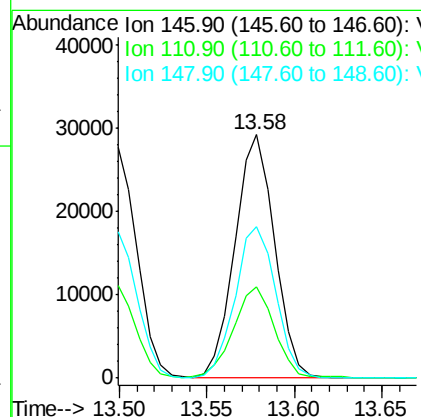
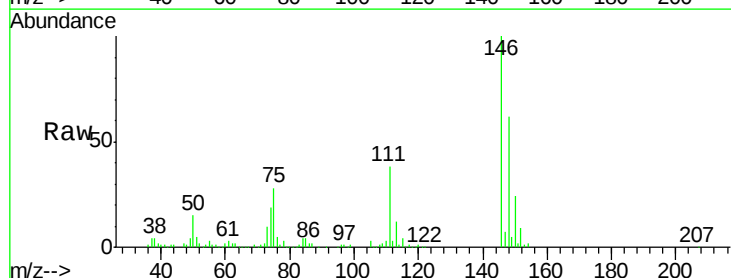
Manual Integrations  
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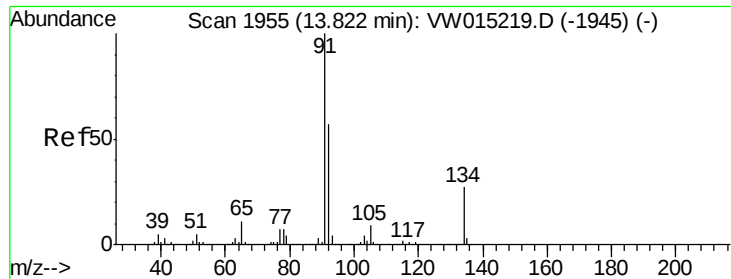
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 46.316 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 20.4  | 61.3  |
| 148     | 63.9  | 31.5  | 94.5  |





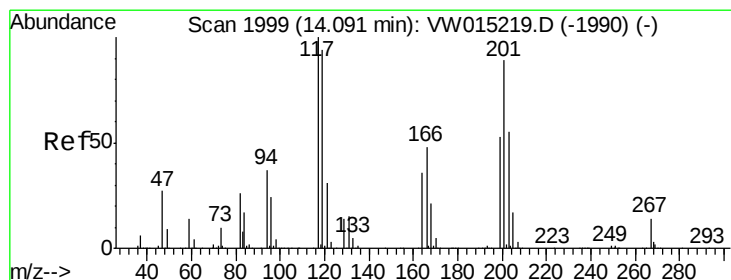
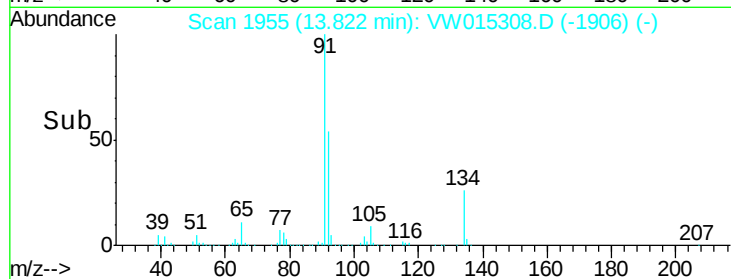
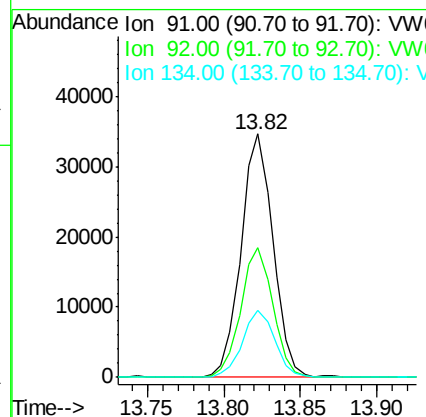
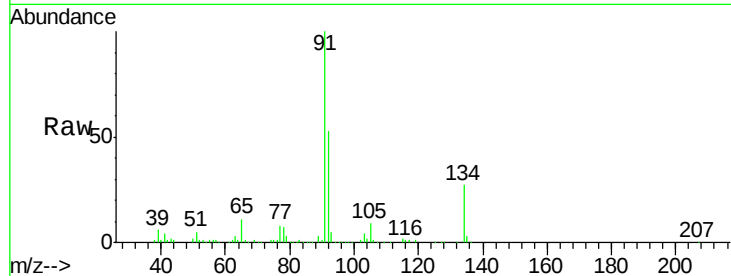
#89  
n-Butylbenzene  
Concen: 25.410 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.9  | 27.6  | 82.7  |
| 134     | 27.9  | 12.8  | 38.3  |

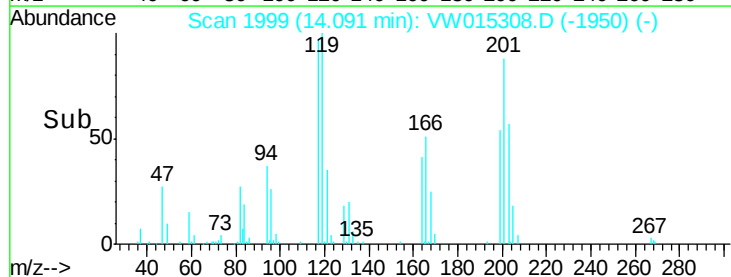
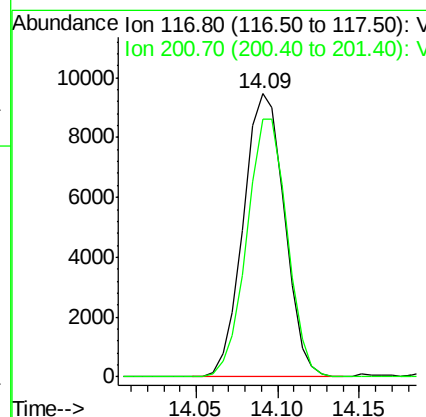
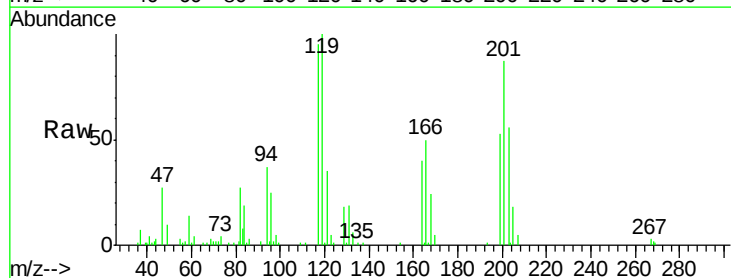
Manual Integrations  
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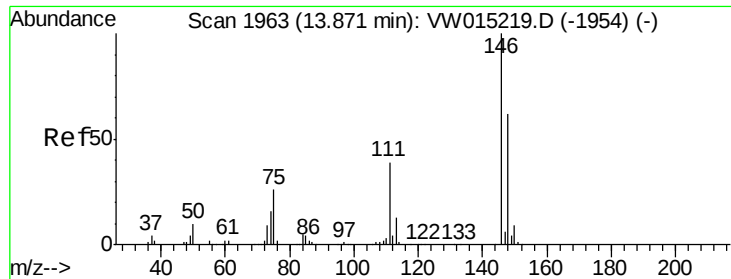
MMDadoda  
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#90  
Hexachloroethane  
Concen: 42.125 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.1  | 33.6  | 100.6 |





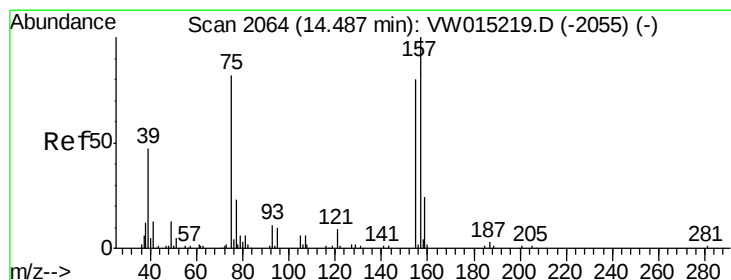
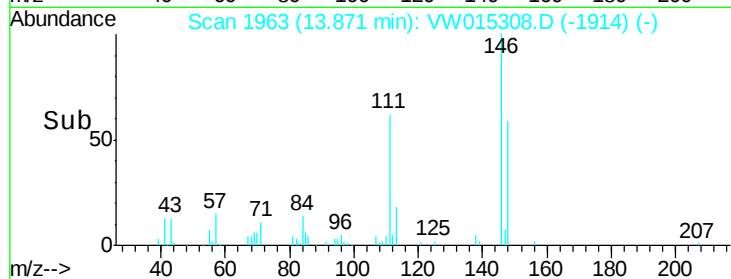
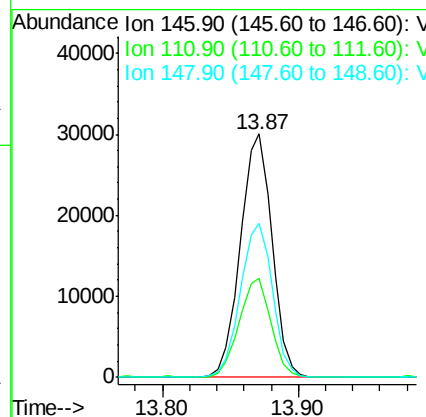
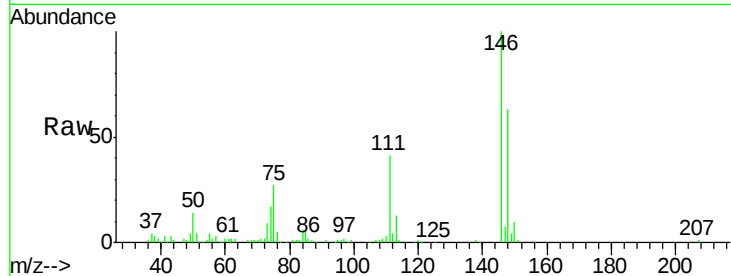
#91  
 1,2-Dichlorobenzene  
 Concen: 55.106 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WB-4-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.4  | 21.6  | 65.0  |
| 148     | 64.4  | 31.0  | 93.0  |

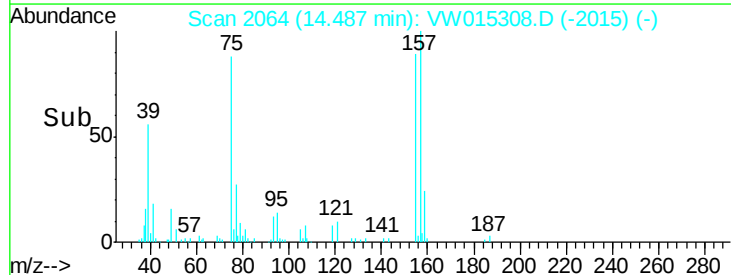
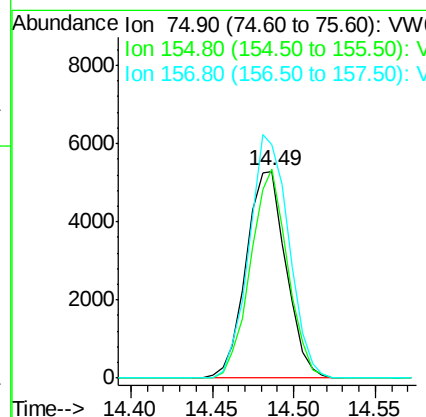
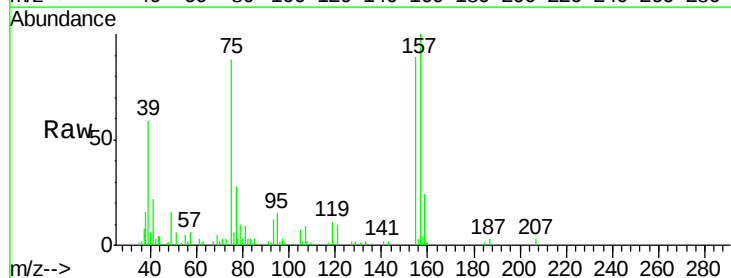
Manual Integrations  
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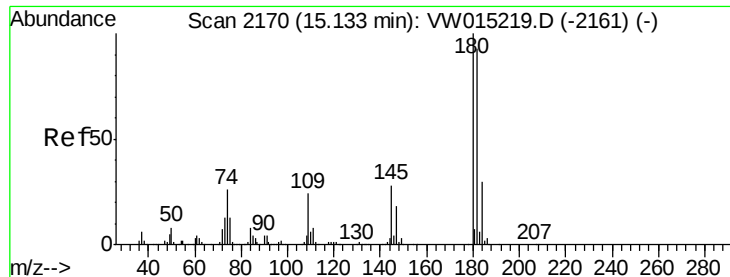
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 157.456 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 93.5  | 41.6  | 124.9 |
| 157     | 116.9 | 53.8  | 161.2 |





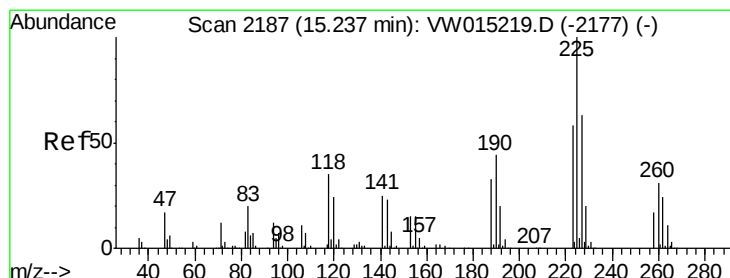
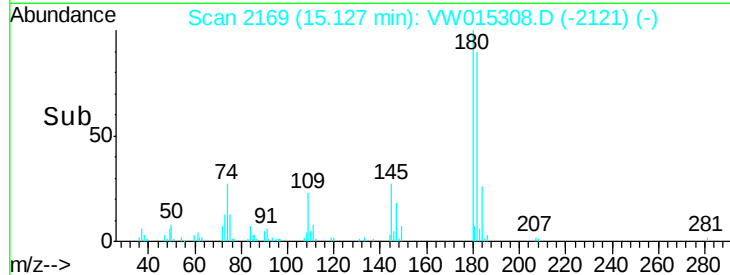
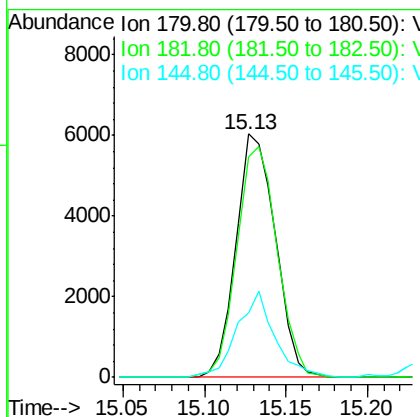
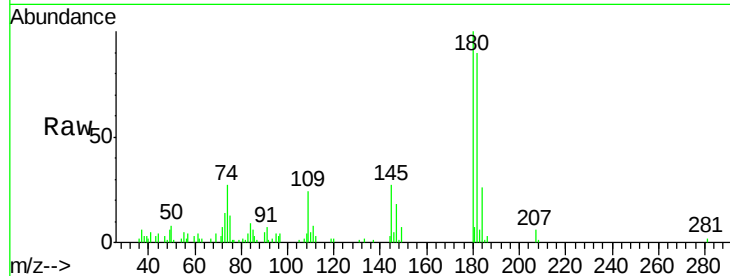
#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.532 ug/l  
 RT: 15.13 min Scan# 2169  
 Delta R.T. -0.01 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WB-4-1MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 97.2  | 47.1 | 141.4 |       |
| 145     | 33.7  | 16.2 | 48.6  |       |

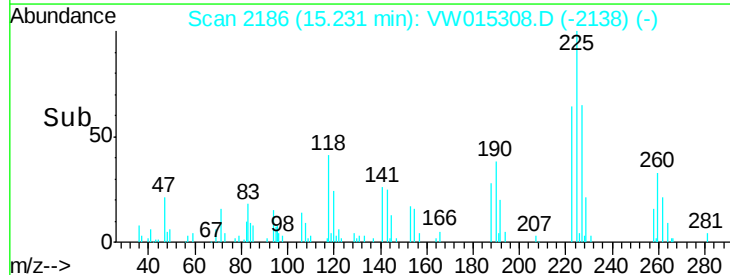
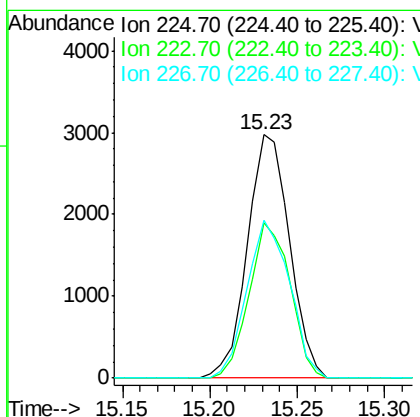
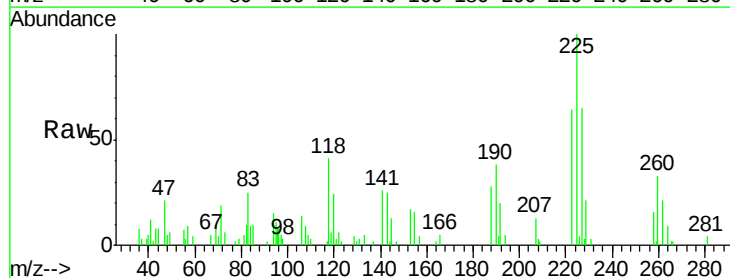
Manual Integrations  
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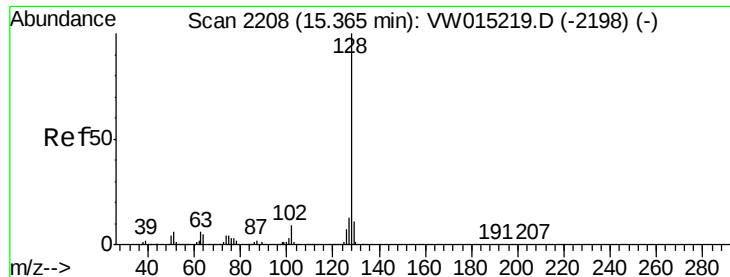
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 12.132 ug/l  
 RT: 15.23 min Scan# 2186  
 Delta R.T. -0.01 min  
 Lab File: VW015308.D  
 Acq: 22 Apr 2020 15:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.0  | 31.0 | 93.0  |       |
| 227     | 65.7  | 30.8 | 92.3  |       |





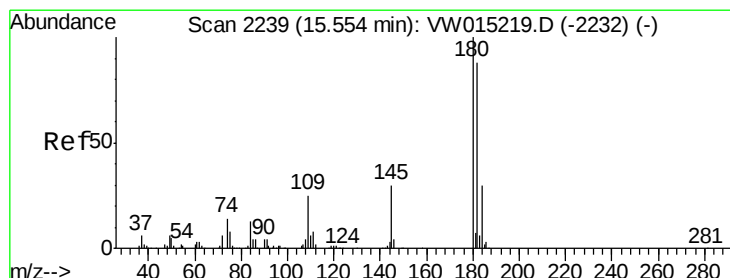
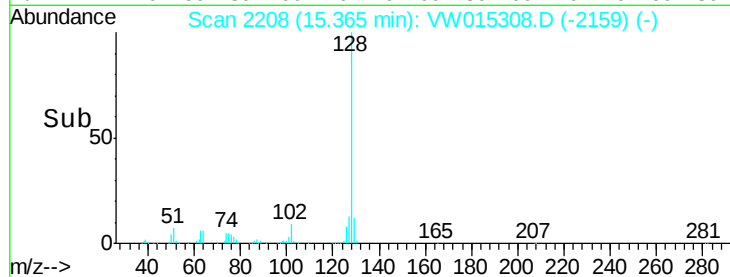
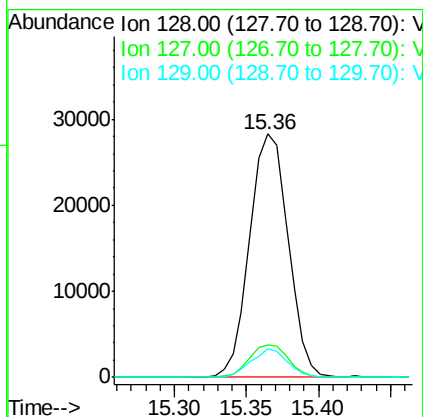
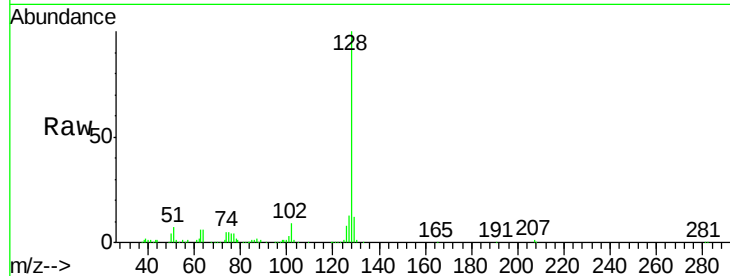
#95  
Naphthalene  
Concen: 53.030 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. -0.00 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
WB-4-1MSD

|             |       |       |
|-------------|-------|-------|
| Tot Ion:128 | Resp: | 52457 |
| Ion Ratio   | Lower | Upper |
| 128 100     |       |       |
| 127 13.6    | 10.3  | 15.5  |
| 129 11.0    | 8.6   | 12.8  |

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4/23/2020 1:33:01 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 19.671 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. 0.01 min  
Lab File: VW015308.D  
Acq: 22 Apr 2020 15:14

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:180 | Resp: | 9842  |
| Ion Ratio   | Lower | Upper |
| 180 100     |       |       |
| 182 94.3    | 48.8  | 146.3 |
| 145 34.7    | 17.2  | 51.6  |

